



Energy and Mines

Petroleum

555 — 330 Graham Avenue
Winnipeg, Manitoba, CANADA
R3C 4E3

(204) 945-6577

November 28, 1990

Mr. D.A. Bertram P. Eng.
Chief Reservoir Engineer
Southern District
Home Oil Company Ltd.
1700 Home Oil Tower
324 - 8th Avenue S.W.
Calgary, Alberta
T2P 2Z5

Dear Sir:

RE: 1990 South Pierson Area Pressure Surveys

Your request to conduct pressure surveys on five wells in the South Pierson area using an AWS is hereby approved.

Please forward the results of the pressure survey to the Petroleum Branch as soon as possible after completion of the surveys.

Yours truly,

A handwritten signature in dark ink, appearing to read 'L.R. Dubreuil'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

L.R. Dubreuil
Director

LRD:cvs

Home Oil Company Limited

1600 Home Oil Tower
324 Eighth Avenue S.W.
Calgary, Alberta T2P 2Z5
Telephone (403) 232-7100
Fax (403) 232-7678



1990-10-03

Manitoba Energy and Mines
Petroleum Branch
555 - 330 Graham Avenue
Winnipeg, Manitoba
R3C 4E3

Attention: Mr. J.N. Fox
Chief Petroleum Engineer, Petroleum Branch

Dear John:

Re: **1990 Pressure Survey**
South Pierson Field, Lower Amaranth B.C. and D Pools

Attached is a list outlining Home Oil Company Limited's candidates for the 1990 pressure survey in the subject field. Included in this attachment is the method of testing, shut-in period, and approximate survey date.

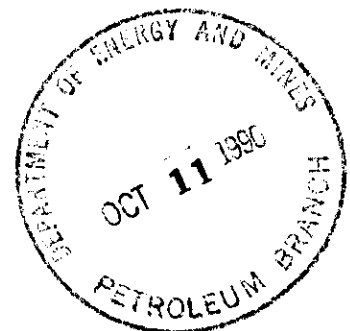
Note that surveys have already commenced at the 10-01 and 12-19-002-29 W1M locations as part of Home Oil's initial completion program for these wells. Home Oil requests that the Oil and Gas Conservation Board approve these surveys under the 1990 pressure survey, even though testing has commenced before Board approval was granted. If you require further information, please contact Mr. Allan Willms at (403) 232-7362.

Yours truly,

HOME OIL COMPANY LIMITED

D.A. Bertram, P.Eng.
Chief Reservoir Engineer
Southern District

cc: A.R. Willms
D.A. Cairns
H.A. Seefeldt
J.M. Feenstra
D.A. Wilmot - Estevan
S Pierson (Man) (RES)
Day File



1990 PRESSURE SURVEY

SOUTH PIERSON LOWER AMARANTH POOLS

<u>Well</u>	<u>Pool</u>	<u>Current Status</u>	<u>Elevations</u>		<u>MPP(mCF)</u>	<u>Test Type</u>	<u>Approx. Survey Date</u>	<u>Shut-in Period</u>
			<u>mKB</u>	<u>mCF</u>				
10-01-002-29 W1M	D	Prod. Oil	466.1	461.9	1007.8	AWS	Aug - Oct	21+ days
10-10-002-29 W1M	B	Prod. Oil	470.9	466.7	1013.8	AWS	Oct - Nov	21 days
06-16-002-29 W1M	B	Prod. Oil	478.8	474.5	1017.3	AWS	Nov - Dec	21 days
12-19-002-29 W1M	C	Prod. Oil	483.0	478.9	1013.9-1034.7(OH)	AWS	Sept - Oct	21+ days
02-30-002-29 W1M	C	Prod. Oil	484.6	480.2	1019.6	AWS	Nov - Dec	21 days

Home Oil Company Limited

1700 Home Oil Tower
324 Eighth Avenue S.W.
Calgary, Alberta T2P 2Z5
Telephone (403) 232-7100
Fax (403) 232-7678



1989-10-02

Manitoba Energy and Mines
Petroleum Division
555 - 330 Graham Avenue
Winnipeg, Manitoba
R3C 4E3

Attention: Mr. J. Fox

Dear John:

Re: PRESSURE TESTS
S. PIERSON, MANITOBA

Please find enclosed the results of pressure tests on the following wells:

<u>Location</u>	<u>Test</u>	<u>Date</u>	<u>Press</u> kPa
04-01-002-29 WIM	Build-up/Static Grad.	87-12-13 to 87-12-28	10732 ①
06-04-002-29 WIM	Build-up/Static Grad.	87-02-04 to 87-02-11	7747 ①
	Fall-off/Static Grad.	88-04-19 to 88-04-27	10911 ②
16-05-002-29 WIM	Build-up/Static Grad.	88-01-18 to 88-02-01	2058 ①
08-09-002-29 WIM	Build-up/Static Grad.	87-03-24 to 87-03-31	10551 ②
12-09-002-29 WIM	Build-up/Static Grad.	88-05-22 to 88-06-04	9734 ①
14-09-002-29 WIM	Build-up	87-11-04 to 87-11-19	10246 ②
16-09-002-29 WIM	Build-up	87-11-03 to 87-11-19	10123 ②
08-10-002-29 WIM	Build-up/Static Grad.	87-12-13 to 87-12-28	10165 ①
06-19-002-29 WIM	Build-up	87-06-06 to 87-06-22	10590 ③
10-21-002-29 WIM	Build-up	87-03-21 to 87-03-28	7617 ③

- ① These figures are from the Static Gradient tests and are kPag values at mid-point of perforations.
② These values are from HOC's analysis of the build-up tests.
③ These figures are the final recorded pressure from the applicable build-up.

If there are any questions concerning these tests please contact the undersigned at (403) 232-7728.

Yours truly,

HOME OIL COMPANY LIMITED

T. Coburn

T.A. Coburn
Reservoir Engineering

TAC/jlc
1673e

16-8-2-29

16-5-2-29

6-19-2-29

16-9-2-29

9928 kPa

8963 kPa

7515 kPa

9963

JAN 9-31/90

NW 29-DEC 21/89

JAN 31 - Feb 20/90

Feb 23 - Mar 15/90

Home Oil Company Limited

1600 Home Oil Tower
324 Eighth Avenue S.W.
Calgary, Alberta T2P 2Z5
Telephone (403) 232-7100
Fax (403) 232-7678



1990-10-05

Manitoba Energy and Mines
Petroleum Branch
555 - 330 Graham Avenue
Winnipeg, Manitoba
R3C 4E3

Attention: Mr. J.N. Fox
Chief Petroleum Engineer, Petroleum Branch

Dear John:

Re: **1989 Pressure Survey**
South Pierson Field

Attached are the build-up results of the 16-09-002-29 W1M location in the subject field. As approved by Manitoba Energy and Mines, this test was conducted using an acoustic wellbore sounder.

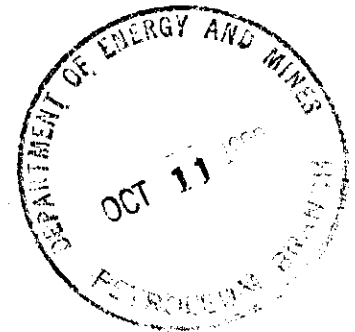
If you have any questions or require additional information, please contact Mr. Allan Willms at (403) 232-7362.

Yours truly,
HOME OIL COMPANY LIMITED

A handwritten signature in cursive script that reads "Allan Willms".

A.R. Willms, P.Eng.
Reservoir Engineering

cc: A.R. Willms
G.B. Harrison
D.A. Cairns
H.A. Seefeldt
Well File
S. Pierson (Man) (RES)
Day File



SOUTH PIERSON
16-09-002-29 W1M

Date of test	February 23 - March 15/90
Reservoir pressure	9963 kPa
Permeability	9.7 mD
Skin	-5.3

Analysis of the build-up indicates a composite, infinite acting reservoir. Composite behaviour is a result of the hydraulic fracture treatment conducted in 1987. The negative skin is also attributable to the fracture treatment.

The permeability value of 9.7 mD concluded from this test, is greater than expected. Core analysis indicates a matrix permeability of 1-2 mD. Under a composite model, the permeability attained is that of the entire system; fracture and matrix in the case of this well. Therefore, the high permeability is attributed to the hydraulic fracture with a small component being that of the matrix rock. Production history supports the high permeability value attained from the build-up.

Scientific Software-Intercomp

Interpret/2

WELL TEST ANALYSIS REPORT

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Formation: SPEARFISH

Zone:

Well: 16-9-2-29 W1M

Date: 01-OCT-90

Test No:

Test Date: FEB 23 - MARCH 15/90

Gauge:

Depth: FT

Perforations:

1

From
3341.50 FT

To
3355.30 FT

ANALYSIS SUMMARY

PRESSURE READINGS TAKEN WITH AUTOMATIC ACOUSTIC WELLBORE SOUNDER.

Scientific Software-Intercomp

Interpret/2

Well & Reservoir Parameters

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 01-OCT-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: FEB 23 - MARCH 15/90

Well: 16-9-2-29 W1M

Gauge:

Depth: FT

WELL AND RESERVOIR DATA (OIL)

Matrix Porosity	.170	FRACTION
Reservoir Thickness	13.78	FT
Wellbore Radius	.328	FT
Oil Formation Volume Factor	1.169	RB/STB
Oil Viscosity	1.35	CP
Total Compressibility	4.688E-05	1/PSI

Rates

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Formation: SPEARFISH

Zone:

Well: 16-9-2-29 W1M

Date: 01-OCT-90

Test No:

Test Date: FEB 23 - MARCH 15/90

Gauge:

Depth: FT

RATES

Flow Period	Start HOURS	End HOURS	Duration HOURS	Oil BBL/D	Gas MSCF/D	Water BBL/D
1	.0000	11289.0000	11289.0000	53.02	.00	7.00
2	11289.0000	11865.0000	576.0000	66.11	.00	8.12
3	11865.0000	12009.0000	144.0000	.00	.00	.00
4	12009.0000	12585.0000	576.0000	66.23	.00	7.93
5	12585.0000	12753.0000	168.0000	.00	.00	.00
6	12753.0000	13305.0000	552.0000	69.75	.00	7.61
7	13305.0000	13473.0000	168.0000	.00	.00	.00
8	13473.0000	14097.0000	624.0000	64.16	.00	8.55
9	14097.0000	14217.0000	120.0000	.00	.00	.00
10	14217.0000	14791.0000	574.0000	64.66	.00	7.04
11	14791.0000	14961.0000	170.0000	.00	.00	.00
12	14961.0000	15561.0000	600.0000	61.39	.00	7.86
13	15561.0000	15681.0000	120.0000	.00	.00	.00
14	15681.0000	16250.0000	569.0000	68.81	.00	9.12
15	16250.0000	16425.0000	175.0000	.00	.00	.00
16	16425.0000	16965.0000	540.0000	67.24	.00	8.30
17	16965.0000	17145.0000	180.0000	.00	.00	.00
18	17145.0000	17769.0000	624.0000	68.12	.00	7.55
19	17769.0000	17889.0000	120.0000	.00	.00	.00
20	17889.0000	18421.0000	532.0000	69.88	.00	6.86
21	18421.0000	18633.0000	212.0000	.00	.00	.00
22	18633.0000	19149.0000	516.0000	68.94	.00	5.98
23	19149.0000	19626.0000	477.0000	.00	.00	.00

Specific Software-Intercomp

Interpret/2

Analysis Parameters

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 01-OCT-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: FEB 23 - MARCH 15/90

Well: 16-9-2-29 W1M

Gauge:

Depth: FT

ANALYSIS MODEL, FLOW PERIOD: 23

Near wellbore effects: Wellbore Storage and Skin

Reservoir behaviour: Composite

Boundary effects: Infinite Lateral Extent

ANALYSIS PARAMETERS, FLOW PERIOD: 23

Pressure match, PM	1.183E-03	1/KPA
Time match, TM	.231	1/HOURS
Curve match, CDe2S	.253	
Dimensionless composite discontinuity radius, r1D	157.	
Composite storativity ratio, (pch)1/2	2.00	
Composite mobility ratio, (kh/u)1/2	5.00	

Analysis Results

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Formation: SPEARFISH

Zone:

Well: 16-9-2-29 W1M

Date: 01-OCT-90

Test No:

Test Date: FEB 23 - MARCH 15/90

Gauge:

Depth: FT

ANALYSIS MODEL, FLOW PERIOD: 23

Near wellbore effects: Wellbore Storage and Skin
Reservoir behaviour: Composite
Boundary effects: Infinite Lateral Extent

ANALYSIS RESULTS, FLOW PERIOD: 23

Initial average reservoir pressure, (pav)i	9962.92	KPA
Final average reservoir pressure, (pav)f	9962.91	KPA
Permeability-thickness, kh	40.9	MD.M
Permeability, k	9.73	MD
Dimensionless wellbore storage coefficient, CD	9.649E+03	
Wellbore storage coefficient, C	2.942E-03	MS/KPA
Well skin factor, S	-5.27	
Half length of fracture, xf	39.0	M
Composite discontinuity radius, r1	123.	M
Composite storativity ratio, (pch)1/2	2.00	
Composite mobility ratio, (kh/u)1/2	5.00	

Pressure Data by Flow Period

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 01-OCT-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: FEB 23 - MARCH 15/90

Well: 16-9-2-29 W1M

Gauge:

Depth: FT

PRESSURE DATA, FLOW PERIOD: 23

T HOURS	DELTA T HOURS	SUP. T STB/D	PRESSURE PSIA	DELTA P PSIA	DERIVATIVE PSIA
1 19149.0195	.0410	389.99	456.59	.31	.91
2 19149.0293	.0508	383.12	456.85	.56	1.03
3 19149.0508	.0723	371.77	457.11	.83	1.22
4 19149.0703	.0918	364.08	457.36	1.08	1.65
5 19149.0801	.1016	360.83	457.62	1.34	1.77
6 19149.0996	.1211	355.17	457.88	1.60	2.02
7 19149.1191	.1406	350.36	458.14	1.86	2.27
8 19149.1309	.1523	347.79	458.40	2.12	2.37
9 19149.1504	.1719	343.91	458.65	2.37	2.48
10 19149.1699	.1914	340.45	458.91	2.63	2.65
11 19149.1797	.2012	338.85	459.18	2.89	3.95
12 19149.1992	.2207	335.87	459.43	3.14	4.26
13 19149.2207	.2422	332.89	459.68	3.40	4.42
14 19149.2305	.2520	331.61	459.85	3.57	4.57
15 19149.2500	.2715	329.21	460.00	3.72	4.87
16 19149.3301	.3516	320.90	460.90	4.62	9.54
17 19149.5508	.5723	305.24	462.70	6.41	12.87
18 19149.9102	.9316	289.58	469.08	12.80	14.08
19 19150.3906	1.4121	276.22	484.07	27.79	16.75
20 19151.0195	2.0410	264.39	490.11	33.83	21.20
21 19151.7793	2.8008	254.23	494.16	37.88	25.25
22 19152.6699	3.6914	245.37	497.83	41.54	29.55
23 19153.6895	4.7109	237.55	502.37	46.41	25.57
24 19154.8594	5.8809	230.45	508.02	51.74	27.01
25 19156.1504	7.1719	224.10	513.92	57.64	28.76
26 19157.5801	8.6016	218.29	520.17	63.88	30.41
27 19159.1504	10.1719	212.94	527.02	70.74	31.78
28 19160.8496	11.8711	208.01	535.01	78.73	32.49
29 19162.6895	13.7109	203.42	544.38	88.09	35.04
30 19164.6602	15.6816	199.15	553.27	96.98	35.50
31 19166.7598	17.7812	195.16	556.61	100.33	37.97
32 19169.0000	20.0215	191.40	559.46	103.17	39.04
33 19171.3809	22.4023	187.84	562.25	105.97	39.39
34 19173.8906	24.9121	184.49	565.29	109.01	40.44
35 19176.5293	27.5508	181.31	568.53	112.25	40.19
36 19179.3105	30.3320	178.28	572.01	115.73	40.83
37 19182.2207	33.2422	175.41	575.31	119.03	40.87
38 19185.2695	36.2910	172.66	578.30	122.02	41.37

Pressure Data by Flow Period

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 01-OCT-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: FEB 23 - MARCH 15/90

Well: 16-9-2-29 WIM

Gauge:

Depth: FT

PRESSURE DATA, FLOW PERIOD: 23

T HOURS	DELTA T HOURS	SUP. T STB/D	PRESSURE PSIA	DELTA P PSIA	DERIVATIVE PSIA
39 19188.4492	39.4707	170.03	580.64	124.36	41.66
40 19191.7695	42.7910	167.51	582.82	126.54	41.83
41 19195.2207	46.2422	165.09	584.99	128.70	42.35
42 19198.8105	49.8320	162.77	587.10	130.82	41.81
43 19202.5293	53.5508	160.53	589.33	133.04	41.75
44 19206.3906	57.4121	158.38	591.88	135.60	42.38
45 19210.3809	61.4023	156.31	594.33	138.05	44.68
46 19214.5098	65.5312	154.30	596.76	140.47	46.67
47 19218.7695	69.7910	152.37	599.28	143.00	45.37
48 19223.1602	74.1816	150.50	602.09	145.81	46.02
49 19227.6895	78.7109	148.69	605.17	148.89	46.39
50 19232.3594	83.3809	146.94	608.53	152.25	48.00
51 19237.1602	88.1816	145.24	612.00	155.72	49.47
52 19242.0898	93.1113	143.59	615.47	159.19	50.40
53 19247.1602	98.1816	141.98	618.61	162.33	51.23
54 19252.3691	103.3906	140.43	621.34	165.06	51.93
55 19257.7109	108.7324	138.91	623.47	167.18	52.49
56 19263.1797	114.2012	137.44	625.31	169.02	53.06
57 19268.7891	119.8105	136.01	626.83	170.55	53.72
58 19274.5293	125.5508	134.61	628.20	171.92	54.65
59 19280.4102	131.4316	133.25	629.67	173.39	55.66
60 19286.4199	137.4414	131.93	631.17	174.88	56.68
61 19292.5703	143.5918	130.63	632.65	176.40	57.73
62 19298.8496	149.8711	129.37	634.22	177.93	58.73
63 19305.2695	156.2910	128.14	635.77	179.48	59.50
64 19311.8203	162.8418	126.93	637.33	181.05	60.45
65 19318.5000	169.5215	125.76	638.93	182.65	61.35
66 19325.3203	176.3418	124.61	640.56	184.28	62.21
67 19332.2793	183.3008	123.48	642.22	185.94	62.12
68 19339.3691	190.3906	122.38	643.92	187.63	62.36
69 19346.5996	197.6211	121.31	645.65	189.36	62.53
70 19353.9609	204.9824	120.25	647.30	191.01	62.68
71 19361.4492	212.4707	119.22	649.06	192.78	61.86
72 19369.0801	220.1016	118.21	650.81	194.53	62.94
73 19376.8398	227.8613	117.22	652.57	196.28	64.28
74 19384.7402	235.7617	116.25	654.32	198.03	65.67
75 19392.7793	243.8008	115.29	656.03	199.75	67.44
76 19400.9395	251.9609	114.36	657.69	201.41	69.24

Pressure Data by Flow Period

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Formation: SPEARFISH

Zone:

Well: 16-9-2-29 WIM

Date: 01-OCT-90

Test No:

Test Date: FEB 23 - MARCH 15/90

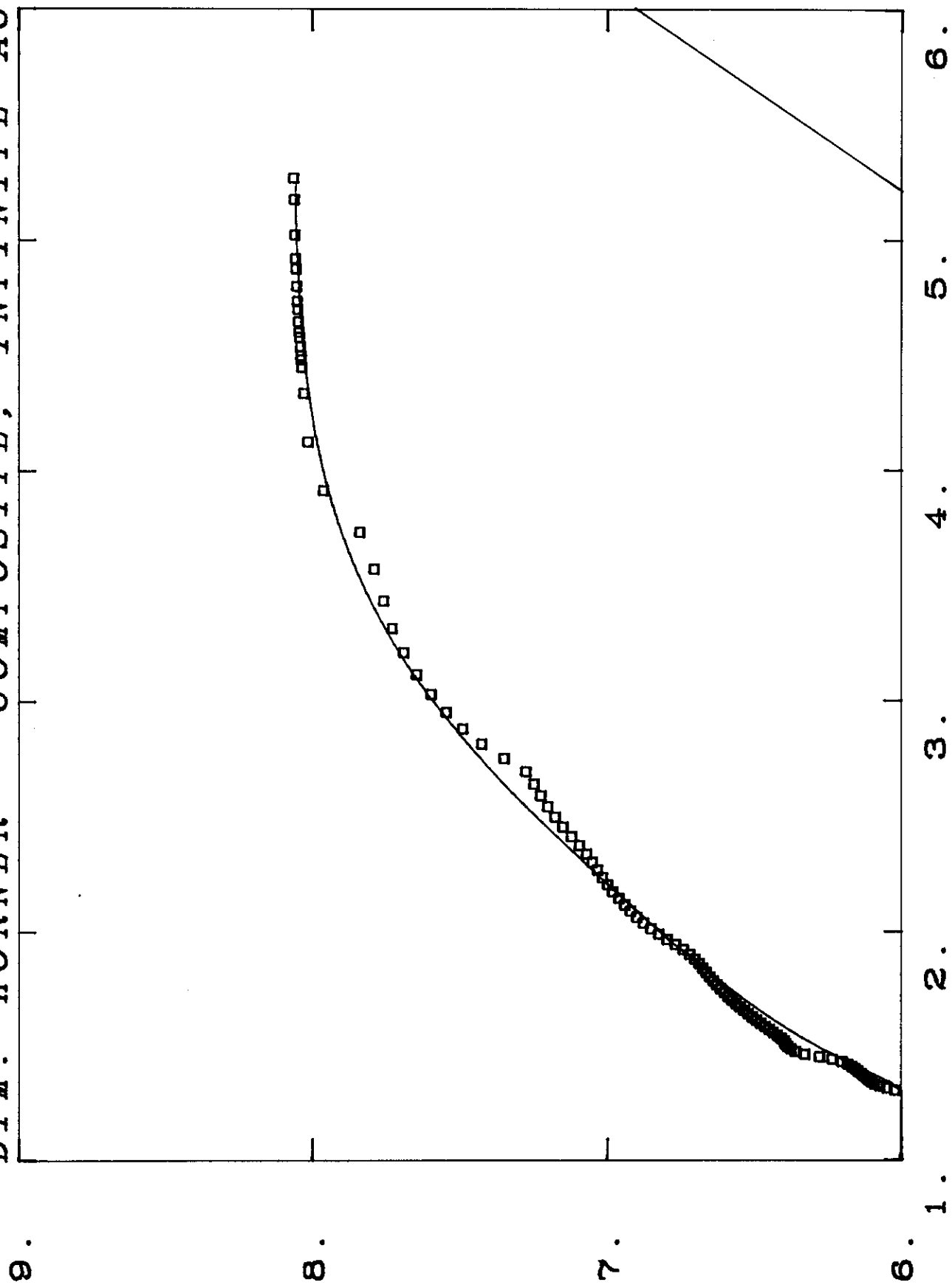
Gauge:

Depth: FT

PRESSURE DATA, FLOW PERIOD: 23

T HOURS	DELTA T HOURS	SUP. T STB/D	PRESSURE PSIA	DELTA P PSIA	DERIVATIVE PSIA
77 19409.2500	260.2715	113.44	659.24	202.96	70.75
78 19417.6797	268.7012	112.54	660.51	204.22	72.67
79 19426.2598	277.2813	111.66	661.00	204.72	74.06
80 19434.9609	285.9824	110.79	661.95	205.66	76.23
81 19443.8105	294.8320	109.93	663.32	207.04	77.47
82 19452.7793	303.8008	109.10	665.25	208.97	79.97
83 19461.8906	312.9121	108.27	669.01	212.72	81.64
84 19471.1406	322.1621	107.46	675.20	218.92	84.49
85 19480.5195	331.5410	106.67	680.51	224.23	86.88
86 19490.0391	341.0605	105.88	684.68	228.40	90.88
87 19499.6895	350.7109	105.11	687.10	230.82	92.02
88 19509.4707	360.4922	104.36	688.85	232.56	100.13
89 19519.3906	370.4121	103.61	690.26	233.98	108.85
90 19529.4492	380.4707	102.88	691.47	235.18	109.26
91 19539.6406	390.5621	102.16	692.75	236.47	95.53
92 19549.9609	400.9824	101.44	693.79	237.51	77.75
93 19560.4199	411.4414	100.74	695.04	238.76	74.53
94 19571.0098	422.0313	100.05	695.97	239.69	76.96
95 19581.7402	432.7617	99.37	697.13	240.85	82.12
96 19592.5996	443.6211	98.70	698.43	242.15	92.02
97 19603.5996	454.6211	98.04	700.62	244.34	124.00
98 19614.7305	465.7520	97.39	703.67	247.39	157.78
99 19626.0000	477.0215	96.75	700.37	250.68	191.10

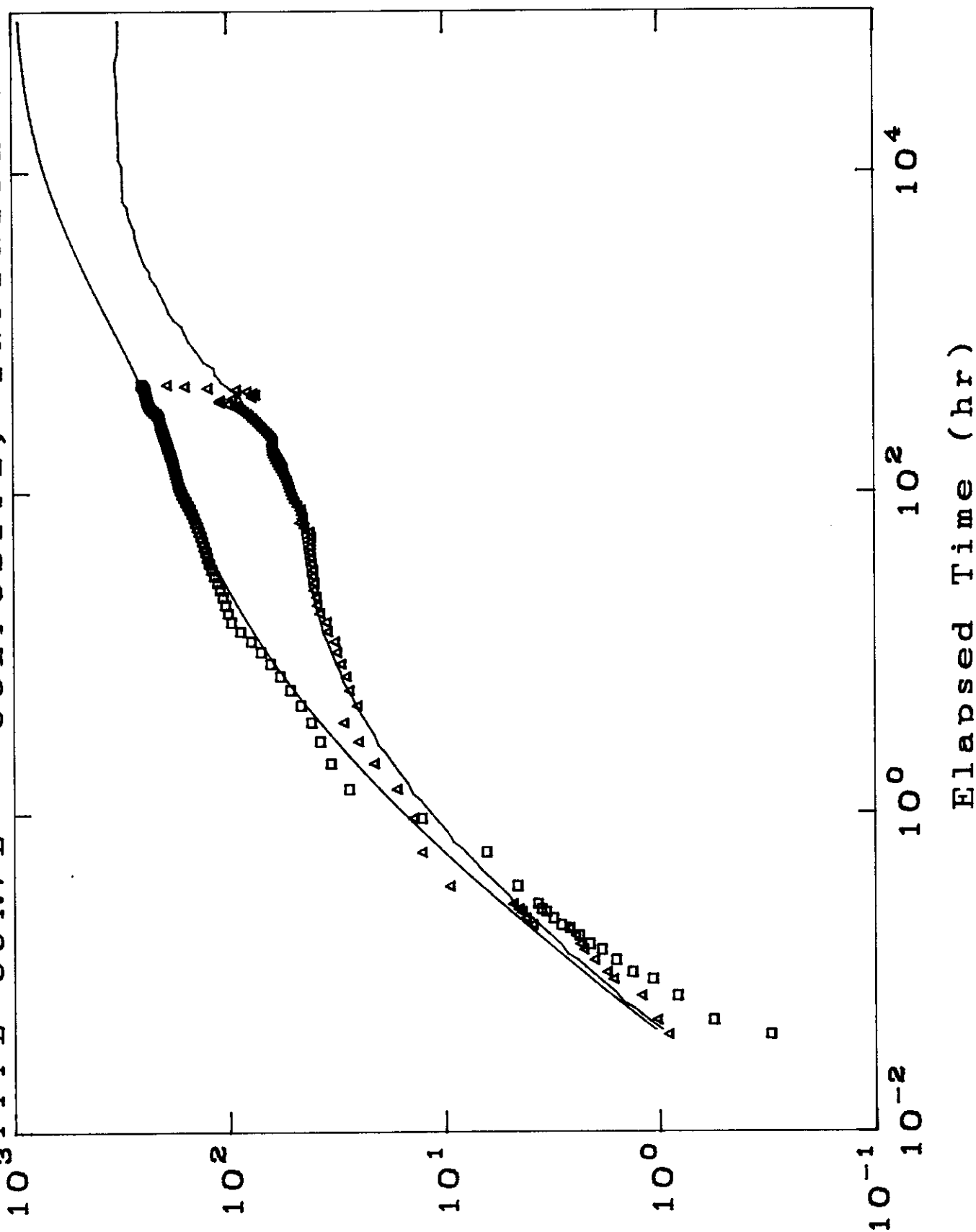
S. PIERSON 16-9-2-29 W1M - BUILD-UP
 DIM. HORNER - COMPOSITE, INFINITE ACT



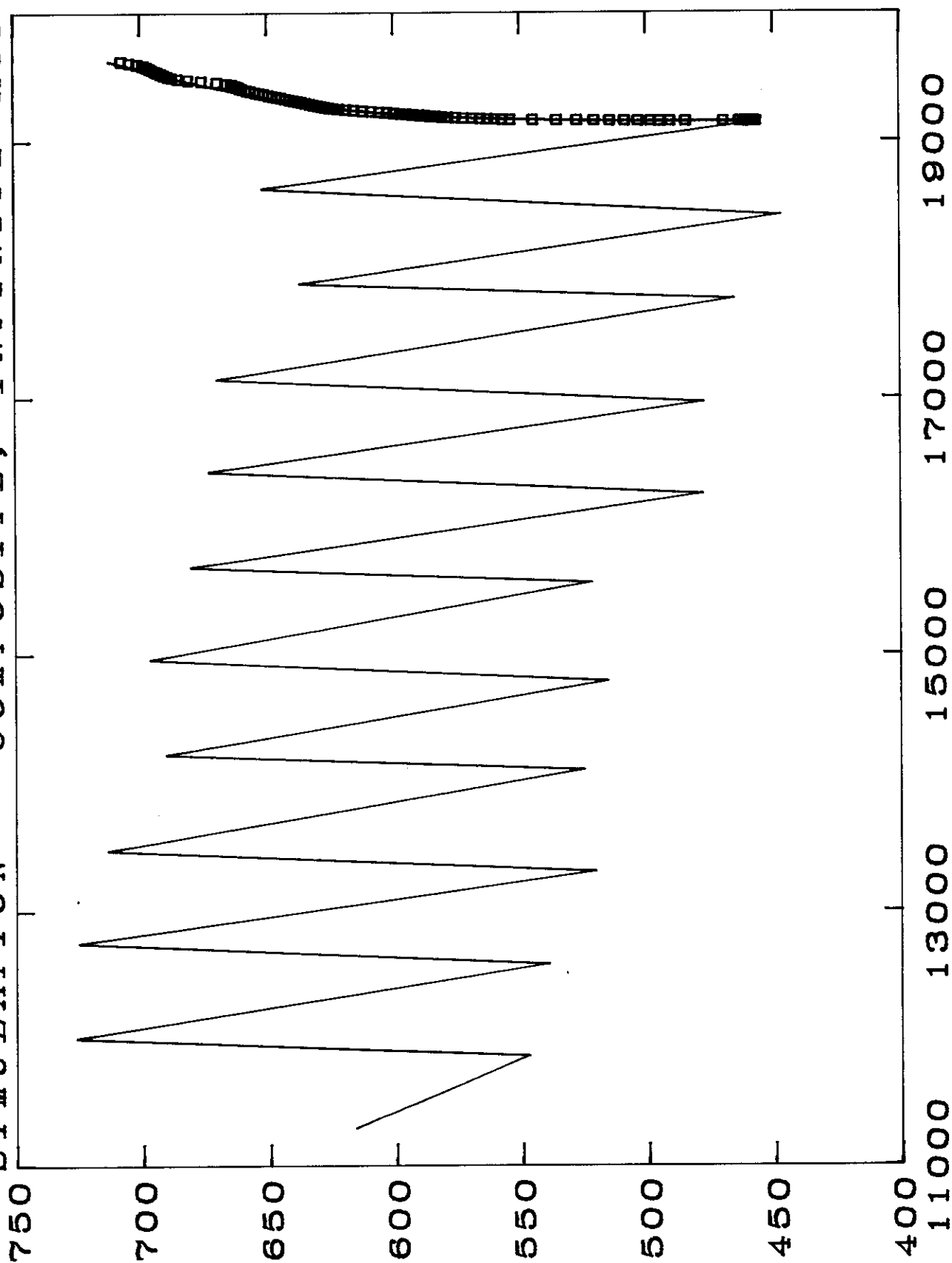
Dimensionless Superposition Function

Pressure Change (psia)

S. PIERSON 16-9-2-29 W1M - BUILD-UP
TYPE CURVE - COMPOSITE, INFINITE ACT



S. PIERSON 16-9-2-29 W1M - BUILD-UP
SIMULATION - COMPOSITE, INFINITE ACT



ST*Rware Version 2.15 (Sounder)

Current Date : 03/16/90 Current Time : 09:39:05
 Observation Date: 02/23/90 Observation Time: 11:46:21
 File Name : PIER16-9 Datum Depth : 1016.2

#	Elapsed Time HH	Surface Pressure (kPa)	Liquid Depth (m)	BHP (kPa)
1	0	415.41	719.88	3145.96
2	0.02	415.75	719.73	3148.07
3	0.03	416.08	719.59	3149.84
4	0.05	416.42	719.44	3151.65
5	0.07	416.76	719.3	3153.39
6	0.08	417.1	719.15	3155.19
7	0.1	417.43	719.01	3156.97
8	0.12	417.77	718.86	3158.78
9	0.13	418.11	718.72	3160.55
10	0.15	418.44	718.57	3162.31
11	0.17	418.78	718.42	3164.1
12	0.18	419.12	718.28	3165.91
13	0.2	419.46	718.13	3167.63
14	0.22	419.79	717.99	3169.37
15	0.23	420.13	717.84	3170.55
16	0.25	420.47	717.7	3171.59
17	0.33	422.17	717.04	3177.82
18	0.55	426.59	715.66	3190.17
19	0.91	433.74	712.71	3234.2
20	1.39	443.62	705.76	3337.56
21	2.02	456.22	700.38	3379.22
22	2.78	471.54	697.33	3407.13
23	3.67	489.58	695.89	3432.4
24	4.69	510.26	694.75	3465.95
25	5.86	533.54	693.74	3502.69
26	7.15	559.4	692.82	3543.36
27	8.58	587.79	691.95	3586.43
28	10.15	617.9	691.14	3633.67
29	11.85	646.18	690.33	3688.75
30	13.69	665.8	689.48	3753.34
31	15.66	674.55	688.57	3814.64
32	17.76	682.6	687.62	3837.71
33	20	690.71	686.7	3857.31
34	22.38	699.02	685.78	3876.61
35	24.89	707.61	684.75	3897.53
36	27.53	716.28	683.63	3919.9
37	30.31	724.52	682.46	3943.89
38	33.22	732.34	681.33	3966.62
39	36.27	739.77	680.31	3987.24
40	39.45	746.84	679.63	4003.36
41	42.77	753.56	679.09	4018.4
42	46.22	759.95	678.55	4033.34
43	49.81	766.02	678.01	4047.91
44	53.53	771.72	677.38	4063.27
45	57.39	776.25	676.6	4080.88
46	61.38	780.01	675.67	4097.78
47	65.51	783.35	674.59	4114.5
48	69.77	786.4	673.35	4131.91
49	74.16	789.26	671.89	4151.26
50	78.69	791.98	670.19	4172.5
51	83.36	794.58	668.28	4195.7
52	88.16	797.08	666.16	4219.58
53	93.09	799.52	663.89	4243.55

54	98.16	801.89	661.85	4265.17
55	103.37	804.21	660.1	4283.99
56	108.71	806.49	658.63	4298.65
57	114.18	808.72	657.42	4311.33
	119.79	810.93	656.46	4321.85
59	125.53	813.1	655.66	4331.28
60	131.41	815.26	654.84	4341.43
61	137.42	817.38	654.01	4351.74
62	143.57	819.49	653.16	4362.18
63	149.85	821.59	652.29	4372.76
64	156.27	823.68	651.4	4383.46
65	162.82	825.82	650.5	4394.25
66	169.5	828	649.57	4405.27
67	176.32	830.23	648.63	4416.5
68	183.28	832.52	647.67	4427.96
69	190.37	834.85	646.69	4439.65
70	197.6	837.23	645.69	4451.57
71	204.96	839.67	644.73	4462.96
72	212.45	842.15	643.73	4475.13
73	220.08	844.69	642.73	4487.21
74	227.84	847.28	641.73	4499.28
75	235.74	849.92	640.74	4511.35
76	243.78	852.62	639.77	4523.18
77	251.94	855.37	638.85	4534.64
78	260.25	858.17	638	4545.33
79	268.68	861.03	637.35	4554.03
80	277.26	863.95	637.21	4557.43
81	285.96	866.93	636.91	4563.96
82	294.81	869.96	636.34	4573.45
83	303.78	873.06	635.38	4586.74
84	312.89	876.2	633.33	4612.64
85	322.14	879.36	629.07	4655.35
86	331.52	882.53	625.46	4691.94
87	341.04	885.72	622.7	4720.72
88	350.69	888.9	621.07	4737.41
89	360.47	892.05	619.99	4749.43
90	370.39	895.13	619.24	4759.2
91	380.45	897.99	618.69	4767.49
92	390.64	900.07	618.13	4776.36
93	400.96	905.24	617.54	4783.53
94	411.42	901.66	616.9	4792.12
95	422.01	901.82	616.2	4798.55
96	432.74	902.73	615.44	4806.53
97	443.6	905.61	614.51	4815.5
98	454.6	908.68	613.28	4830.63
99	465.73	911.8	611.54	4851.63
100	477	914.95	609.53	4874.36

Home Oil Company Limited

1600 Home Oil Tower
324 Eighth Avenue S.W.
Calgary, Alberta T2P 2Z5
Telephone (403) 232-7100
Fax (403) 232-7678



1990-05-17

Manitoba Energy and Mines
Petroleum Branch
555 - 330 Graham Avenue
Winnipeg, Manitoba
R3C 4E3

Attention: Mr. John Fox

Dear Sir:

RE: SOUTH PIERSON FIELD
1989/90 Pressure Survey

Attached for your information are the results of the build-ups conducted on three South Pierson wells during the months of November 1989 to February 1990. The following wells were included in the testing program:

16-08-002-29 W1	9928 kPa
16-05-002-29 W1	8963 kPa
06-19-002-29 W1	7515 kPa

Tests were conducted using an automatic acoustic wellbore sounder which uses continuous fluid level readings to calculate bottomhole pressures.

If you have any questions or require additional information please give me a call at 232-7686.

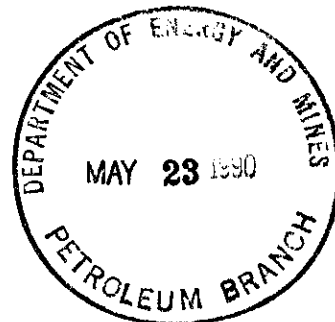
Yours truly,

HOME OIL COMPANY LIMITED

J. Conkin for
Lana Schatkoski, P. Eng.
Reservoir Engineering

LLS/jlc
1927e

cc: G.B. Harrison
A.R. Willms
H.A. Seefeldt
D.A. Cairns
Well Files
S. PIERSON
Day File



SOUTH PIERSON
16-08-002-29 W1M

Date of Test	Jan. 9-31, 1990
Reservoir Pressure	9928 kPag
Permeability	1.5 mD
Skin	-3.4

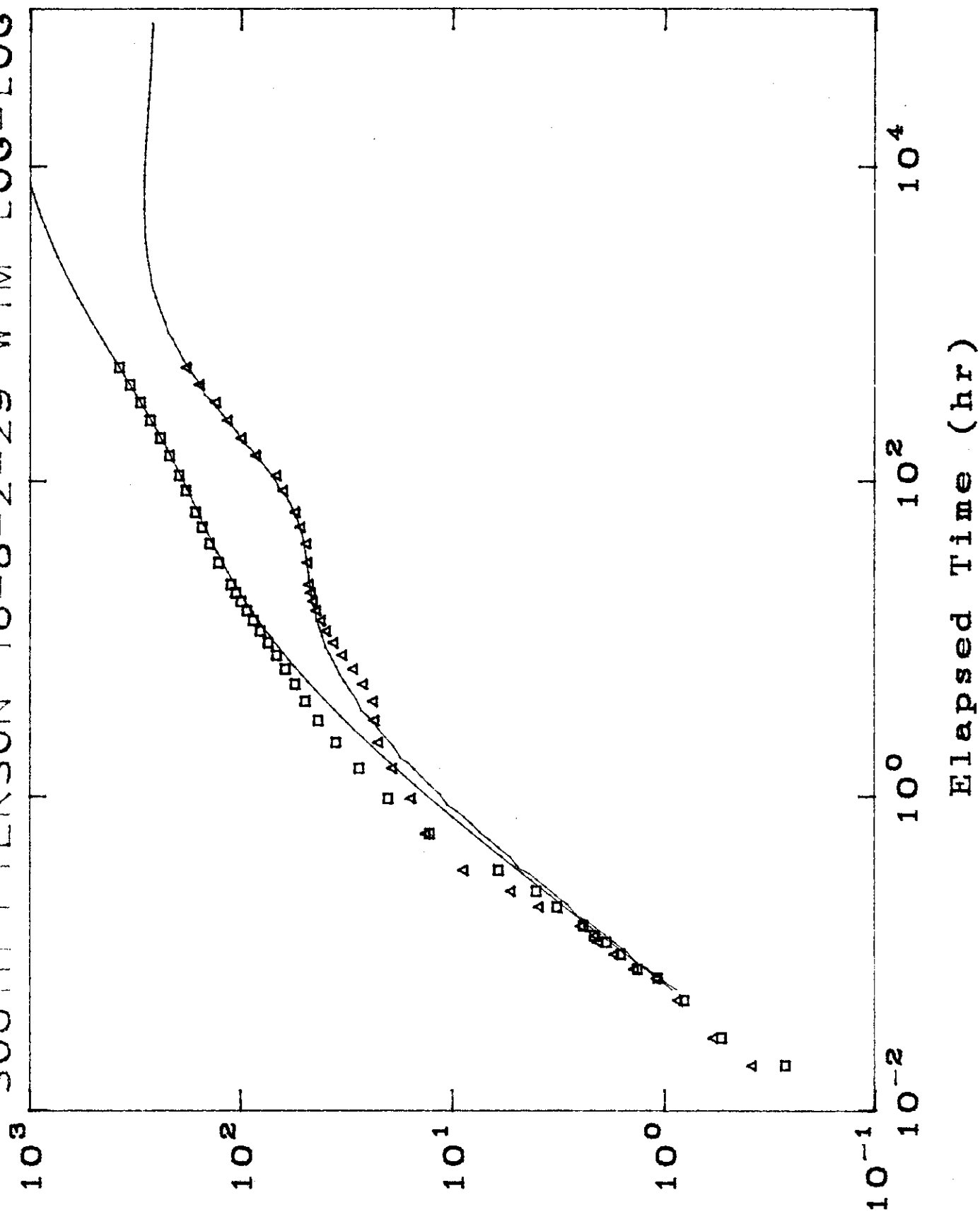
The analysis for this well gave very good results. It indicates a composite reservoir, negative skin, low permeability and an estimated reservoir pressure of 9928 kPag. All of these results correspond to behavior that is expected for the reservoir.

Composite behavior is thought to be due to the frac. Negative skin can also be attributed to the frac. The permeability is slightly higher than the expected value of 0.5 mD, but in this case, with a composite reservoir, the resulting value may reflect the average permeability for the system rather than strictly the matrix permeability.

January 9-31, 1990

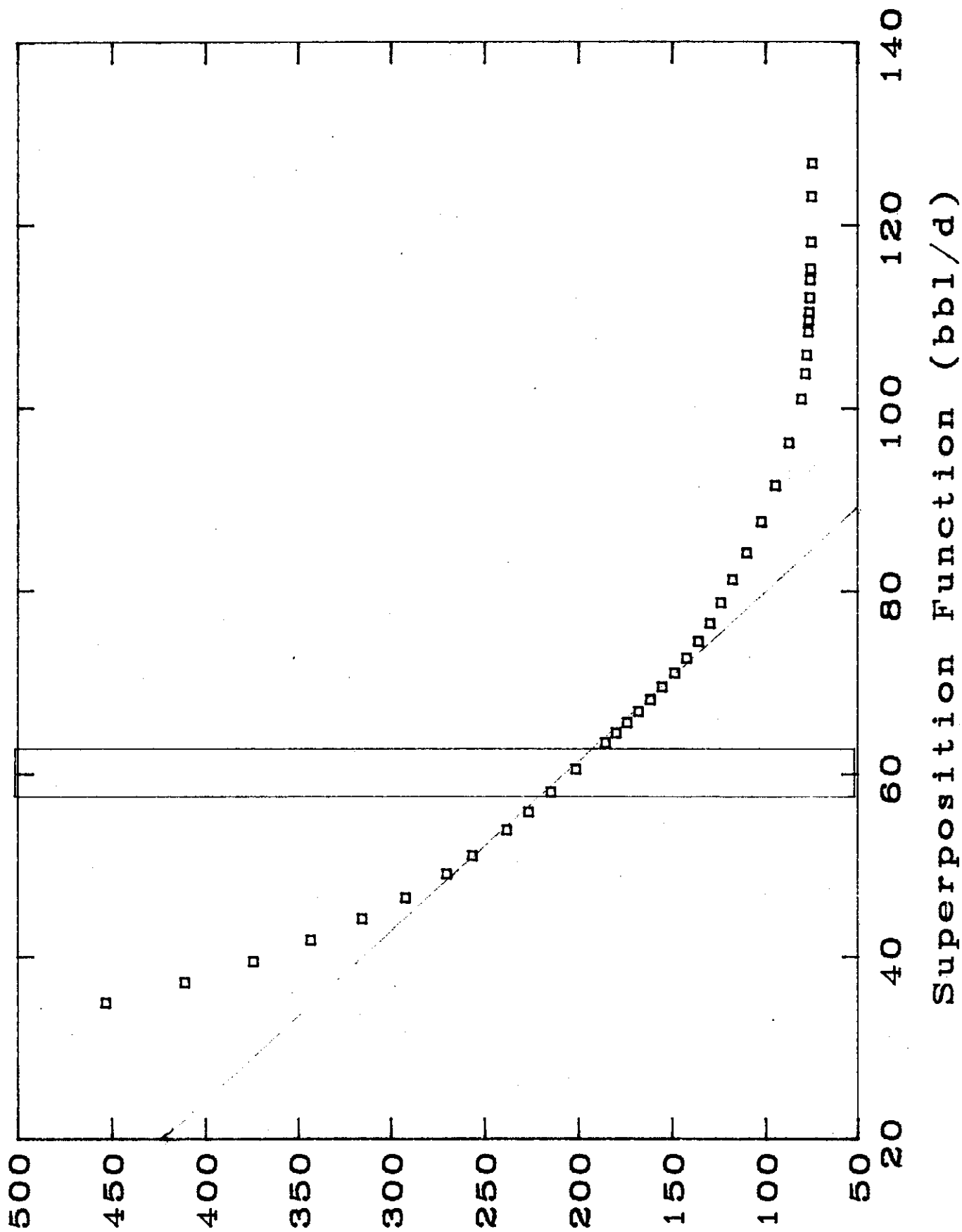
SOUTH PIERSON 16-8-2-29 W1M LOG-LOG

Pressure Change (psia)



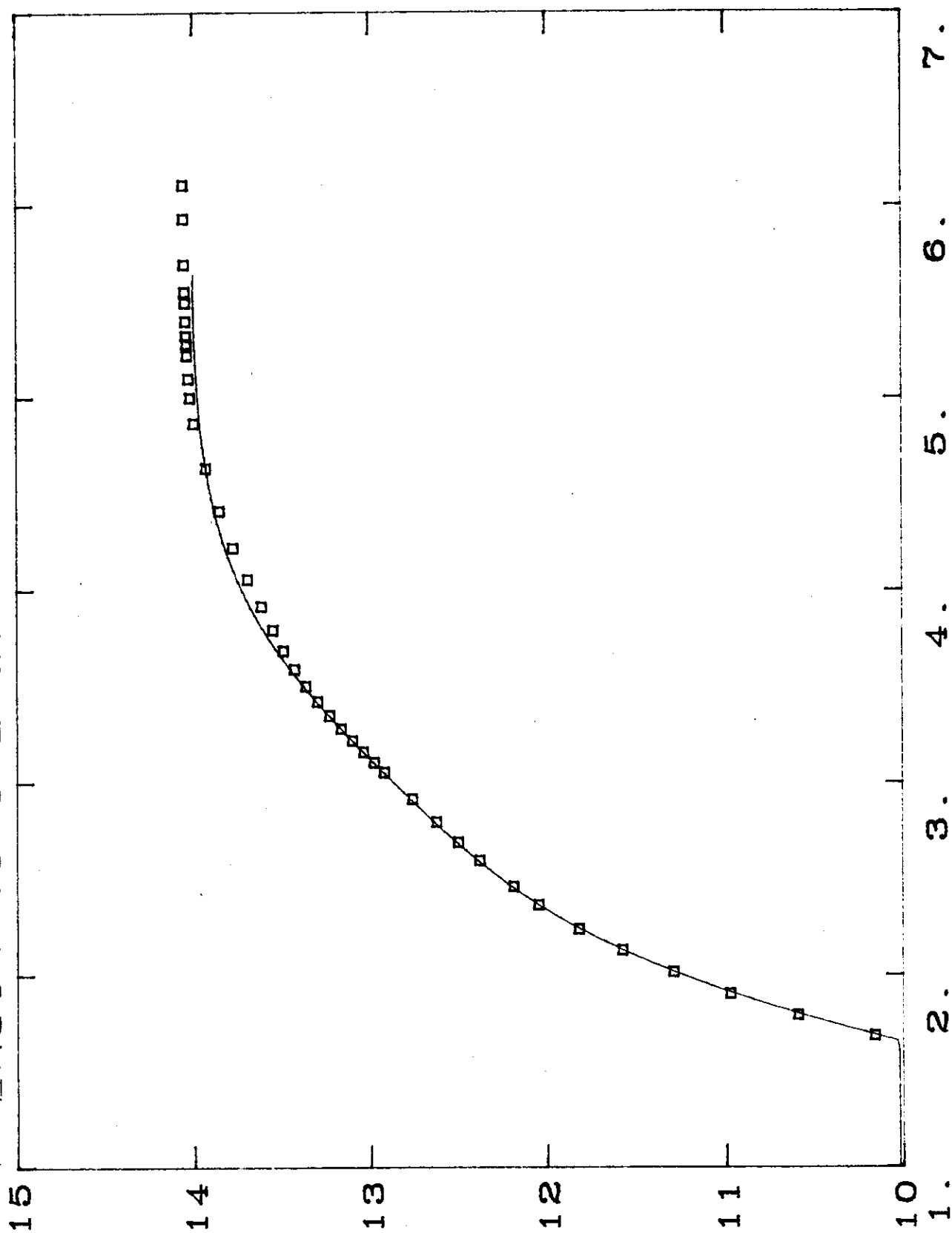
January 9-31, 1990

SOUTH PIERSON 16-8-2-29 W1M HORNER



January 9-31, 1990

PIERSON 16-8-2-29 W1M DIMLESS HORNER

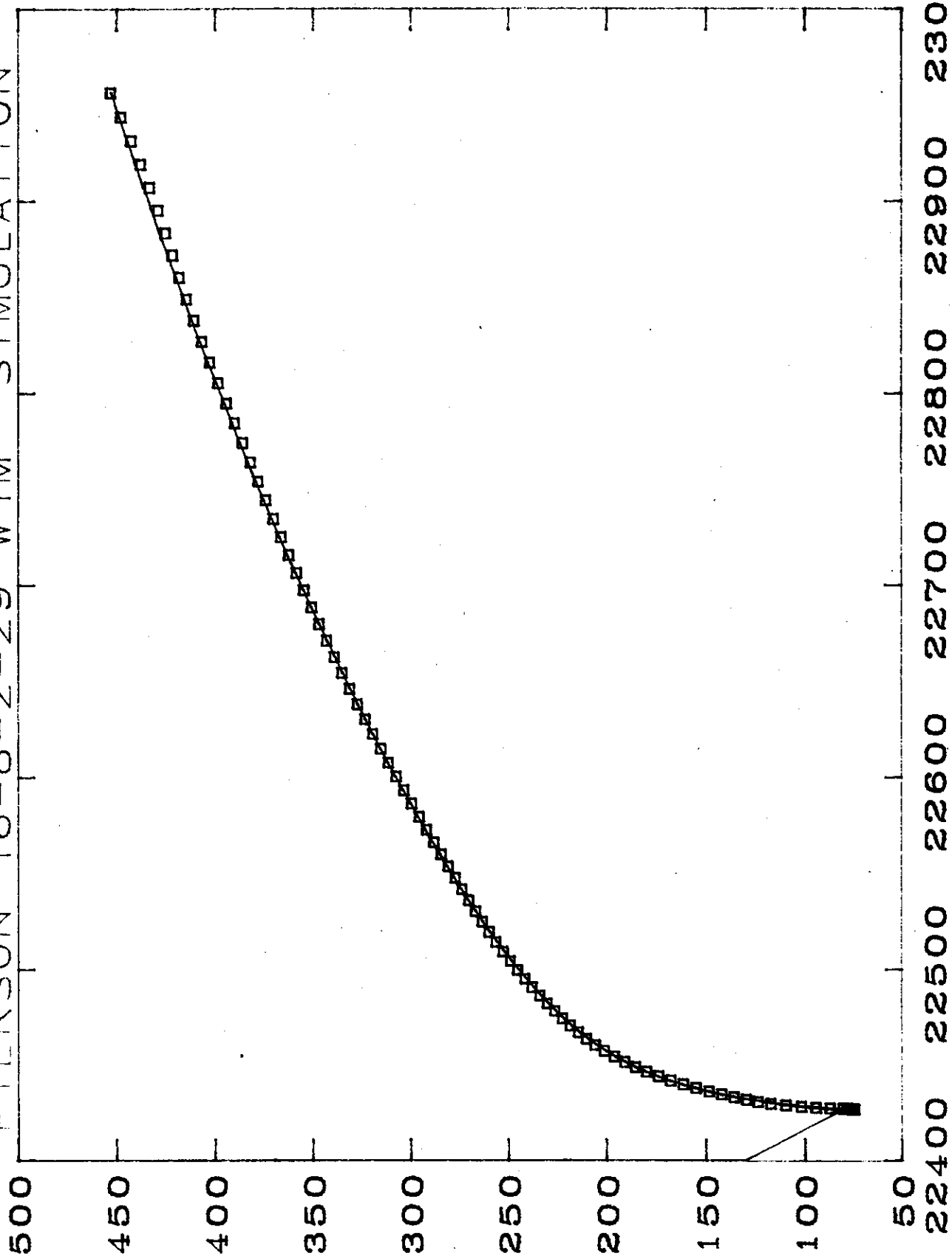


$$[(p_{av})_i - p] D$$

Dimensionless Superposition Function

January 9-31, 1990

PIERSON 16-8-2-29 W1M SIMULATION



Time from Start of Rate History (hr)

Scientific Software-Intercomp

Interpret/2

WELL TEST ANALYSIS REPORT

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 09-FEB-90

Formation: SPEARFISH

Test No:

Zone: Test Date: JANUARY 9-31, 1990

Well: 16-8-2-29 W1M

Gauge:

Depth: FT

Perforations: From To
1 FT FT

ANALYSIS SUMMARY

DEPTH OF TOP PERF = 1016.6 M

PRESSURE READINGS TAKEN WITH AUTOMATIC ACOUSTIC WELLBORE SOUNDER

Scientific Software-Intercomp

Interpret/2

Well & Reservoir Parameters

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 09-FEB-90

Formation: SPEARFISH

Test No:

Zone: Test Date: JANUARY 9-31, 1990

Well: 16-8-2-29 W1M

Gauge:

Depth: M

WELL AND RESERVOIR DATA (OIL)

Matrix Porosity	.140	FRACTION
Reservoir Thickness	8.00	M
Wellbore Radius	.350	FT
Oil Formation Volume Factor	1.120	RM3/M3
Oil Viscosity	1.20	CP
Total Compressibility	1.600E-05	1/KPA

Analysis Parameters

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Formation: SPEARFISH

Zone:

Well: 16-8-2-29 W1M

Date: 09-FEB-90

Test No:

Test Date: JANUARY 9-31, 1990

Gauge:

Depth: FT

ANALYSIS MODEL, FLOW PERIOD: 6

Near wellbore effects: Wellbore Storage and Skin

Reservoir behaviour: Composite

Boundary effects: Infinite Lateral Extent

ANALYSIS PARAMETERS, FLOW PERIOD: 6

Pressure match, PM	1.493E-03	1/KPA
Time match, TM	.174	1/HOURS
Curve match, CDe2S	1.14	
Dimensionless composite discontinuity radius, r1D	45.6	
Composite storativity ratio, (pch)1/2	3.00	
Composite mobility ratio, (kh/u)1/2	5.00	

Analysis Results

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Formation: SPEARFISH

Zone:

Well: 16-8-2-29 W1M

Date: 09-FEB-90

Test No:

Test Date: JANUARY 9-31, 1990

Gauge:

Depth: FT

ANALYSIS MODEL, FLOW PERIOD: 6

Near wellbore effects: Wellbore Storage and Skin

Reservoir behaviour: Composite

Boundary effects: Infinite Lateral Extent

ANALYSIS RESULTS, FLOW PERIOD: 6

Initial average reservoir pressure, (pav)i	9928.45	KPA
Final average reservoir pressure, (pav)f	9928.44	KPA
Permeability-thickness, kh	12.4	MD.M
Permeability, k	1.54	MD
Dimensionless wellbore storage coefficient, CD	1.030E+03	
Wellbore storage coefficient, C	1.320E-03	M3/KPA
Well skin factor, S	-3.40	
Composite discontinuity radius, r1	23.	M
Composite storativity ratio, (pch)1/2	3.00	
Composite mobility ratio, (kh/u)1/2	5.00	

Pressure Data by Flow Period

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 09-FEB-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: JANUARY 9-31, 1990

Well: 16-8-2-29 W1M

Gauge:

Depth: M

PRESSURE DATA, FLOW PERIOD: 6

	T HOURS	DELTA T HOURS	SUP. T STB/D	PRESSURE KPA	DELTA P KPA	DERIVATIVE KPA
1	22427.0195	.0195	126.73	514.46	1.85	2.67
2	22427.0293	.0293	123.07	516.32	3.71	4.08
3	22427.0508	.0508	118.11	518.18	5.57	5.99
4	22427.0703	.0703	115.18	520.03	7.42	7.55
5	22427.0801	.0801	114.01	521.89	9.28	8.78
6	22427.0996	.0996	112.04	523.75	11.14	11.97
7	22427.1191	.1191	110.43	525.60	12.99	14.77
8	22427.1504	.1504	108.33	529.31	16.70	17.25
9	22427.1797	.1797	106.72	533.02	20.41	20.49
10	22427.2500	.2500	103.75	540.43	27.82	36.77
11	22427.3398	.3398	100.98	554.48	41.87	60.51
12	22427.5801	.5801	96.16	600.57	87.96	91.82
13	22427.9707	.9707	91.52	650.63	138.02	108.09
14	22428.5098	1.5098	87.54	702.48	189.87	132.51
15	22429.1992	2.1992	84.15	757.16	244.55	154.56
16	22430.0391	3.0391	81.23	809.70	297.09	160.99
17	22431.0293	4.0293	78.69	853.89	341.28	163.47
18	22432.1699	5.1699	76.44	893.95	381.34	182.58
19	22433.4492	6.4492	74.45	936.07	423.46	203.30
20	22434.8906	7.8906	72.63	979.20	466.59	229.42
21	22436.4805	9.4805	70.98	1023.38	510.77	252.20
22	22438.2109	11.2109	69.47	1068.47	555.86	273.75
23	22440.0996	13.0996	68.06	1112.30	599.69	288.83
24	22442.1309	15.1309	66.76	1155.70	643.09	304.28
25	22444.3203	17.3203	65.55	1197.98	685.37	315.92
26	22449.1309	22.1309	63.34	1277.84	765.23	330.10
27	22457.4805	30.4805	60.46	1386.18	873.57	334.21
28	22467.1699	40.1699	57.97	1477.23	964.62	336.90
29	22482.1797	55.1797	55.11	1586.41	1073.80	365.01
30	22499.5898	72.5898	52.65	1691.11	1178.50	397.60
31	22524.7109	97.7109	49.98	1813.68	1301.07	445.25
32	22553.5703	126.5703	47.65	1935.49	1422.88	524.65
33	22600.2500	173.2500	44.84	2118.95	1606.34	656.17
34	22654.2500	227.2500	42.41	2311.58	1798.97	754.82
35	22724.9297	297.9297	40.00	2524.57	2011.96	876.80
36	22826.7402	399.7402	37.38	2804.94	2292.33	1063.85
37	22956.0000	529.0000	34.90	3123.45	2910.84	1241.36

BT*Rware Version 2.15 (Sounder)

Current Date : 02/06/90 Current Time : 12:51:33
Observation Date: 01/09/90 Observation Time: 11:56:04
File Name : PIER16-8 Datum Depth : 1024.13

#	Elapsed Time HH	BHP (kPa)
1	0	512.61
2	0.02	514.46
3	0.03	516.32
4	0.05	518.18
5	0.07	520.03
6	0.08	521.89
7	0.1	523.75
8	0.12	525.6
9	0.13	527.46
10	0.15	529.31
11	0.17	531.17
12	0.18	533.02
13	0.2	534.88
14	0.22	536.73
15	0.23	538.58
16	0.25	540.43
17	0.34	554.48
18	0.58	600.57
19	0.97	650.63
20	1.51	702.48
21	2.2	757.16
22	3.04	809.7
23	4.03	853.89
24	5.17	893.95
25	6.45	936.07
26	7.89	979.2
27	9.48	1023.38
28	11.21	1068.47
29	13.1	1112.3
30	15.13	1155.7
31	17.32	1197.98
32	19.65	1238.68
33	22.13	1277.84
34	24.77	1315.51
35	27.55	1351.71
36	30.48	1386.18
37	33.56	1418.31
38	36.79	1448.45
39	40.17	1477.23
40	43.7	1505.04
41	47.38	1532.26
42	51.21	1559.34
43	55.18	1586.41
44	59.31	1613.3
45	63.59	1639.72
46	68.01	1665.62

17	72.30	1001.11
18	77.31	1716.29
19	82.19	1741.28
20	87.21	1766.3
21	92.7	1790.06
22	97.71	1813.68
23	103.18	1837.4
24	108.8	1861.52
25	114.58	1885.9
26	120.5	1910.55
27	126.57	1935.49
28	132.79	1960.73
29	139.16	1986.28
30	145.68	2012.15
31	152.34	2038.34
32	159.16	2064.87
33	166.13	2091.74
34	173.25	2118.95
35	180.51	2146.34
36	187.93	2173.84
37	195.49	2201.44
38	203.21	2229.07
39	211.07	2256.69
40	219.09	2284.21
41	227.25	2311.58
42	235.56	2338.7
43	244.02	2365.47
44	252.63	2391.8
45	261.4	2418.08
46	270.31	2444.5
47	279.37	2471.07
48	288.58	2497.76
49	297.93	2524.57
50	307.44	2551.48
51	317.1	2578.48
52	326.91	2605.6
53	336.86	2633.09
54	346.97	2660.98
55	357.23	2689.26
56	367.63	2717.94
57	378.19	2747
58	388.89	2776.37
59	399.74	2804.94
60	410.75	2832.29
61	421.9	2858.44
62	433.2	2883.38
63	444.65	2907.11
64	456.25	2931.52
65	468.01	2958.13
66	479.91	2987.06
67	491.95	3018.43
68	504.15	3052.39
69	516.5	3087.7
100	529	3123.45

SOUTH PIERSON
16-05-002-29 W1M

Date of Test	Nov. 29 - Dec. 21, 1989
Reservoir Pressure	8963 kPag*
Permeability	2.6 mD
Skin	-3.35

* Reservoir Pressure estimate low due to data problems.

Results from this well are in question due to input data problems. The pressure build-up could be analyzed for early time data but later time data was not consistent with any available reservoir models. It is suspected that cold weather effected surface equipment calibration, making data occurring after 182 hours of shut-in invalid.

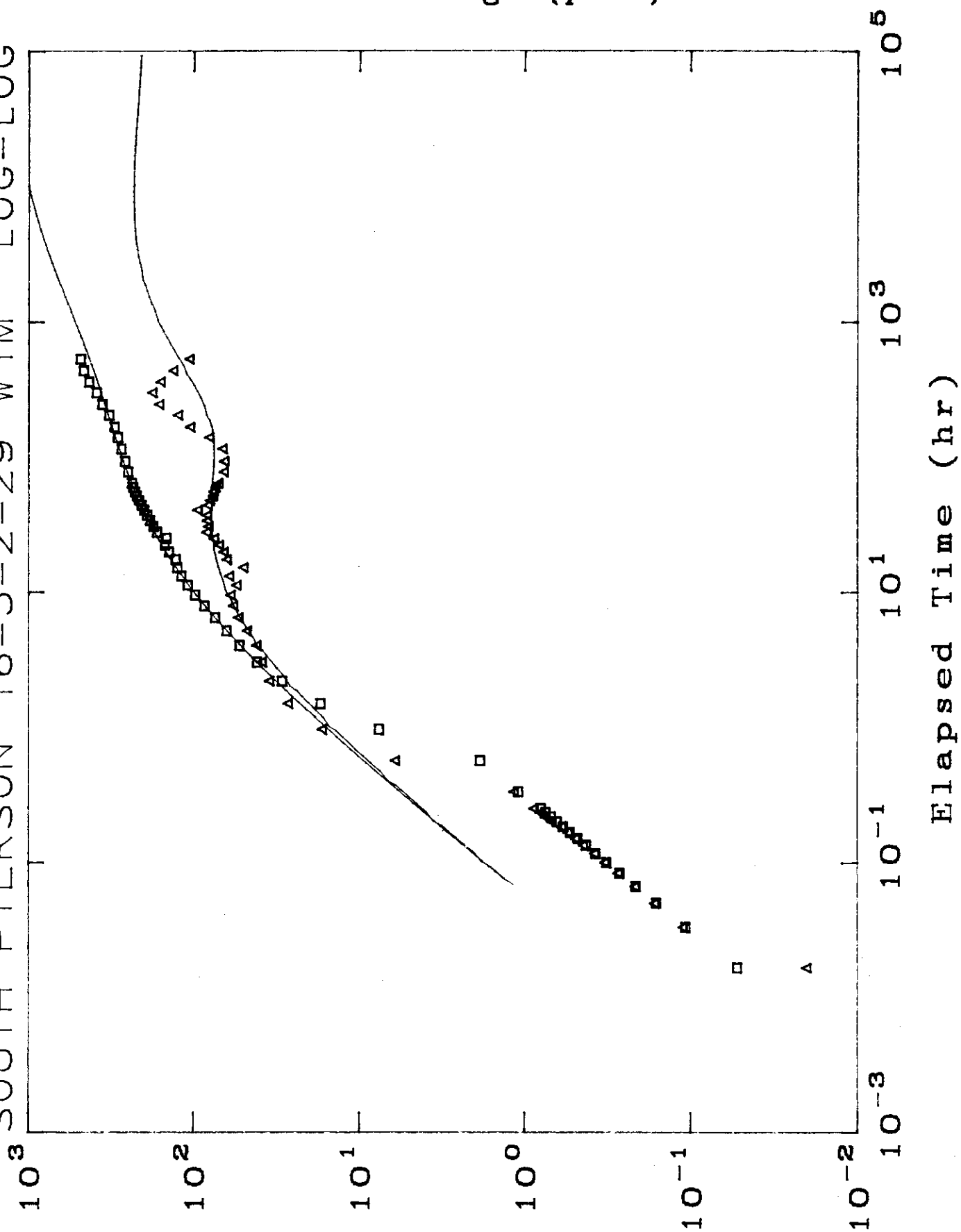
Despite the problems with late time data, the resulting permeability and skin values were very similar to those of Pierson 16-8, as expected for this reservoir.

The low estimate of reservoir pressure can be explained by the problems with the late time data for the test. The simulation plot shows the reservoir model trending to an extrapolated reservoir pressure lower than that of the recorded pressure data. Taking data problems into account, the actual reservoir pressure is believed to be similar to the value of 9928 kPag found for Pierson 16-8.

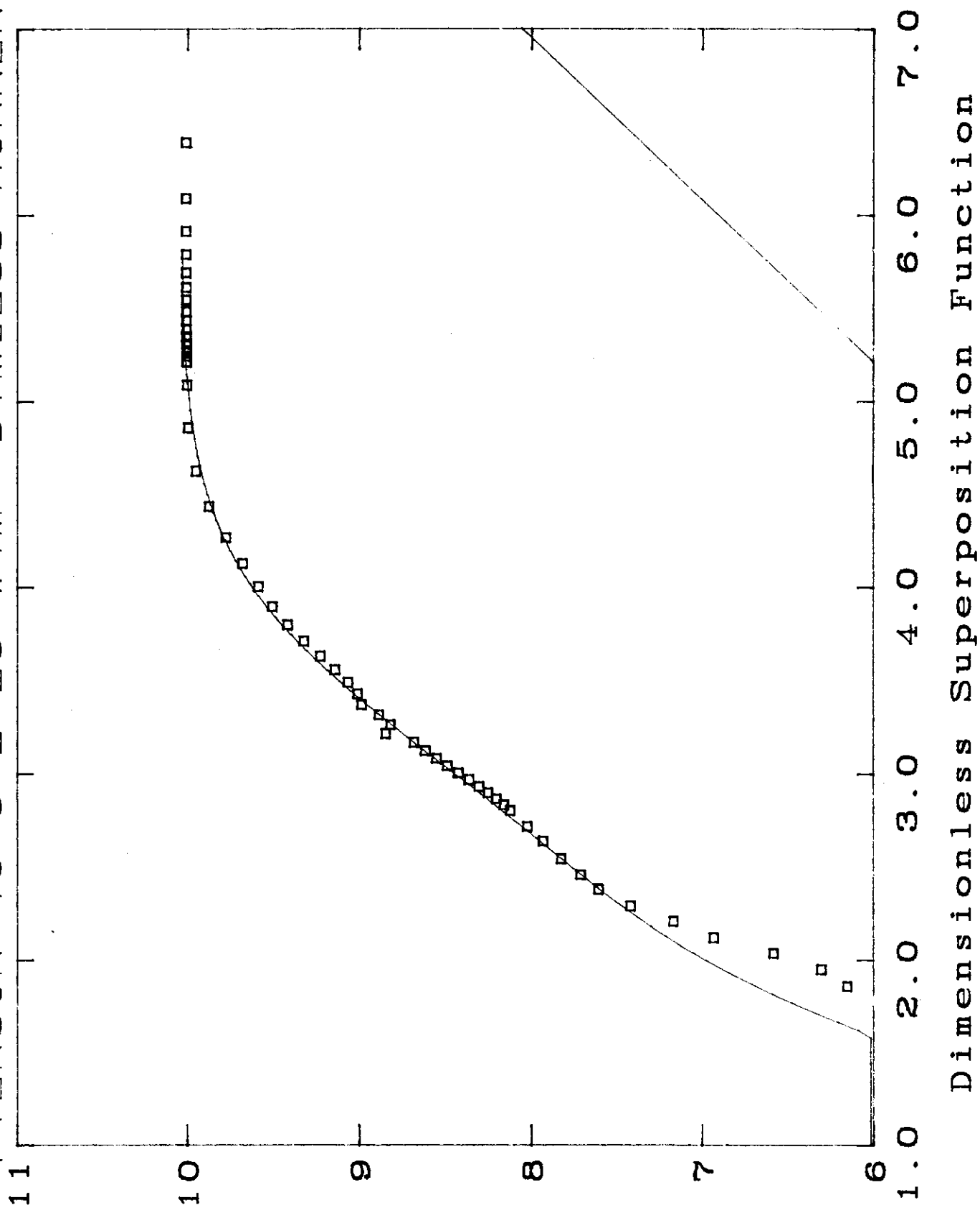
NOV 29 - DEC 21, 1989

SOUTH PIERSON 16-5-2-29 W1M LOG-LOG

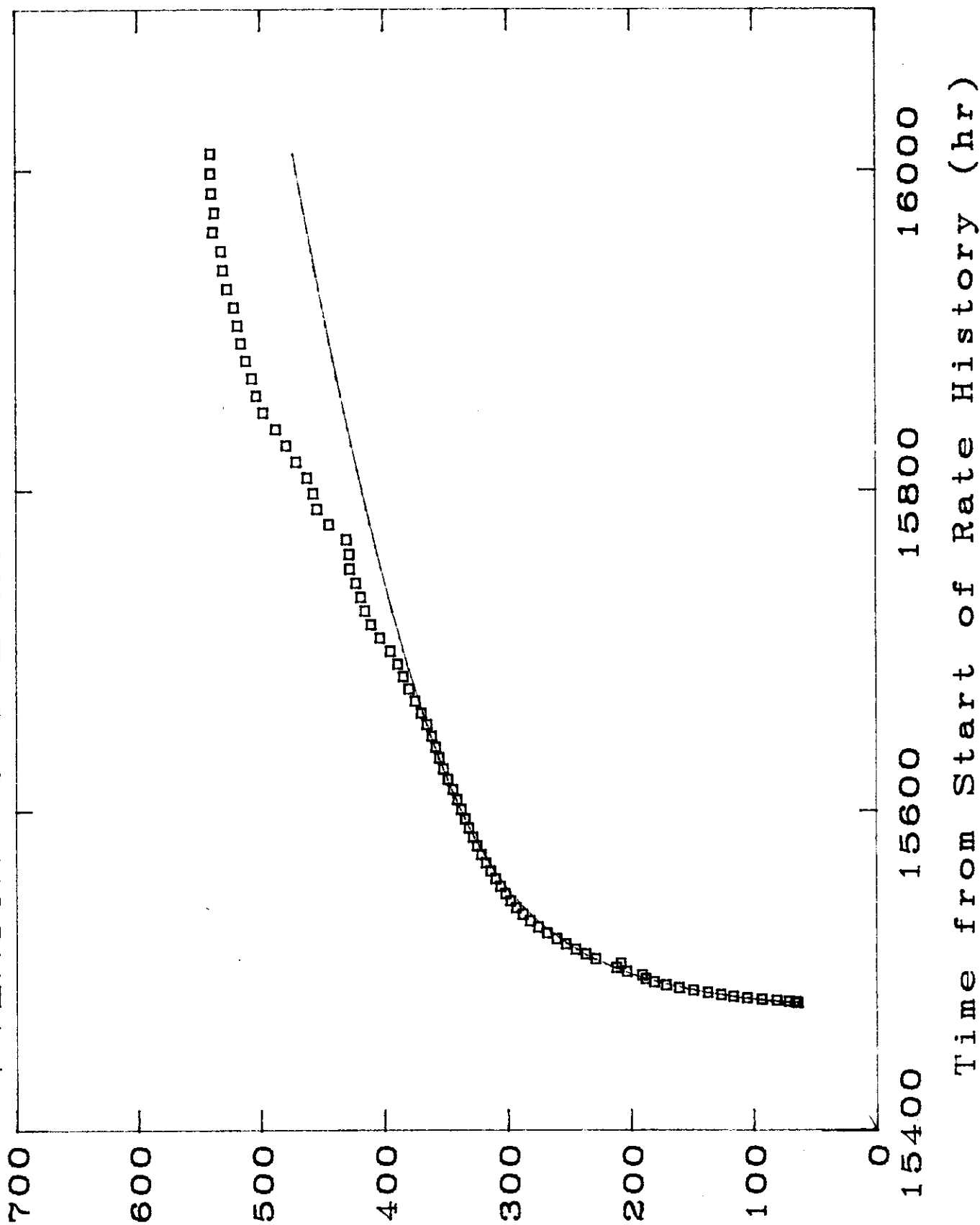
Pressure Change (psia)



NOV 29 - DEC 21, 1989
PIERSON 16-5-2-29 W1M DIMLESS HORNER



NOV 29 - DEC 21, 1989
PIERSON 16-5-2-29 W1M SIMULATION



Scientific Software-Intercomp

Interpret/2

WELL TEST ANALYSIS REPORT

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 09-FEB-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: NOV 29 - DEC 21, 1989

Well: 16-5-2-29 W1M

Gauge:

Depth: FT

Perforations:

From

To

1

FT

FT

ANALYSIS SUMMARY

DEPTH OF TOP PERFORATION = 1020.5 M

PRESSURE READINGS FROM AUTOMATIC ACOUSTIC WELLBORE SOUNDER

Scientific Software-Intercomp

Interpret/2

Well & Reservoir Parameters

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 09-FEB-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: NOV 29 - DEC 21, 1989

Well: 16-5-2-29 W1M

Gauge:

Depth: M

WELL AND RESERVOIR DATA (OIL)

Matrix Porosity	.140	FRACTION
Reservoir Thickness	6.20	M
Wellbore Radius	.350	FT
Oil Formation Volume Factor	1.175	RM3/M3
Oil Viscosity	1.20	CP
Total Compressibility	1.600E-05	1/KPA

Analysis Parameters

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 09-FEB-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: NOV 29 - DEC 21, 1989

Well: 16-5-2-29 W1M

Gauge:

Depth: FT

ANALYSIS MODEL, FLOW PERIOD: 9

Near wellbore effects: Wellbore Storage and Skin

Reservoir behaviour: Composite

Boundary effects: Infinite Lateral Extent

ANALYSIS PARAMETERS, FLOW PERIOD: 9

Pressure match, PM	1.174E-03	1/KPA
Time match, TM	.152	1/HOURS
Curve match, CDe2S	2.50	
Dimensionless composite discontinuity radius, r1D	108.	
Composite storativity ratio, (pch)1/2	3.00	
Composite mobility ratio, (kh/u)1/2	3.00	

Analysis Results

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 09-FEB-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: NOV 29 - DEC 21, 1989

Well: 16-5-2-29 W1M

Gauge:

Depth: FT

ANALYSIS MODEL, FLOW PERIOD: 9

Near wellbore effects: Wellbore Storage and Skin

Reservoir behaviour: Composite

Boundary effects: Infinite Lateral Extent

ANALYSIS RESULTS, FLOW PERIOD: 9

Initial average reservoir pressure, (pav)i	8963.18	KPA
Final average reservoir pressure, (pav)f	8963.18	KPA
Permeability-thickness, kh	16.3	MD.M
Permeability, k	2.63	MD
Dimensionless wellbore storage coefficient, CD	2.017E+03	
Wellbore storage coefficient, C	2.003E-03	M3/KPA
Well skin factor, S	-3.35	
Composite discontinuity radius, r1	50.	M
Composite storativity ratio, (pch)1/2	3.00	
Composite mobility ratio, (kh/u)1/2	3.00	

Pressure Data by Flow Period

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Formation: SPEARFISH

Zone:

Well: 16-5-2-29 W1M

Date: 09-FEB-90

Test No:

Test Date: NOV 29 - DEC 21, 1989

Gauge:

Depth: M

PRESSURE DATA, FLOW PERIOD: 9

T HOURS	DELTA T HOURS	SUP. T STB/D	PRESSURE KPA	DELTA P KPA	DERIVATIVE KPA
1 15480.0166	.0166	212.28	441.03	.36	.14
2 15480.0332	.0332	202.28	441.40	.73	.76
3 15480.0498	.0498	196.43	441.76	1.09	1.12
4 15480.0664	.0664	192.28	442.12	1.45	1.47
5 15480.0830	.0830	189.06	442.48	1.81	1.85
6 15480.0996	.0996	186.43	442.84	2.17	2.23
7 15480.1162	.1162	184.20	443.20	2.53	2.58
8 15480.1338	.1338	182.17	443.56	2.89	3.00
9 15480.1504	.1504	180.48	443.92	3.25	3.36
10 15480.1670	.1670	178.97	444.29	3.62	3.74
11 15480.1836	.1836	177.60	444.65	3.98	4.06
12 15480.2002	.2002	176.35	445.01	4.34	4.67
13 15480.2168	.2168	175.20	445.37	4.70	5.11
14 15480.2334	.2334	174.14	445.73	5.06	5.50
15 15480.2500	.2500	173.15	446.09	5.42	5.98
16 15480.3330	.3330	169.01	448.08	7.41	7.91
17 15480.5664	.5664	161.34	453.32	12.65	41.36
18 15480.9668	.9668	153.63	492.39	51.72	115.22
19 15481.5000	1.5000	147.29	558.22	117.55	184.78
20 15482.2002	2.2002	141.76	640.70	200.03	238.92
21 15483.0332	3.0332	137.12	723.81	283.14	265.83
22 15484.0332	4.0332	133.01	801.54	360.87	285.51
23 15485.1670	5.1670	129.43	871.75	431.08	326.09
24 15486.4668	6.4668	126.19	946.50	505.83	367.25
25 15487.9004	7.9004	123.30	1026.79	586.12	394.37
26 15489.5000	9.5000	120.63	1106.88	666.21	407.75
27 15491.2334	11.2334	118.21	1179.54	738.87	376.83
28 15493.1162	13.1162	115.97	1244.95	804.28	417.25
29 15495.1670	15.1670	113.87	1292.97	852.30	342.06
30 15497.3496	17.3496	111.92	1313.24	872.57	430.58
31 15499.7002	19.7002	110.08	1399.90	959.23	449.60
32 15502.1836	22.1836	108.37	1457.95	1017.28	479.39
33 15504.8164	24.8164	106.74	1433.25	992.58	513.92
34 15507.6162	27.6162	105.19	1575.74	1135.07	572.19
35 15510.5498	30.5498	103.73	1630.93	1190.26	555.72
36 15513.6504	33.6504	102.33	1685.60	1244.93	565.37
37 15516.8838	36.8838	101.00	1739.83	1299.16	565.63
38 15520.2666	40.2666	99.73	1793.15	1352.48	645.21

Pressure Data by Flow Period

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Formation: SPEARFISH

Zone:

Well: 16-5-2-29 W1M

Date: 09-FEB-90

Test No:

Test Date: NOV 29 - DEC 21, 1989

Gauge:

Depth: M

PRESSURE DATA, FLOW PERIOD: 9

T HOURS	DELTA T HOURS	SUP. T STB/D	PRESSURE KPA	DELTA P KPA	DERIVATIVE KPA
39 15523.8164	43.8164	98.50	1845.45	1404.78	559.21
40 15527.5000	47.5000	97.33	1894.93	1454.26	541.92
41 15531.3330	51.3330	96.20	1940.13	1499.46	521.50
42 15535.3330	55.3330	95.11	1981.17	1540.50	517.97
43 15539.4668	59.4668	94.06	2017.89	1577.22	502.60
44 15543.7500	63.7500	93.05	2049.86	1609.19	484.80
45 15557.5166	77.5166	90.20	2133.45	1692.78	448.94
46 15572.6338	92.6338	87.60	2211.35	1770.68	446.44
47 15594.8828	114.8828	84.45	2301.38	1860.71	458.48
48 15619.5332	139.5332	81.60	2398.32	1957.65	550.84
49 15646.5830	166.5830	78.99	2488.02	2047.35	717.29
50 15683.7666	203.7666	76.02	2647.62	2206.95	847.52
51 15724.6836	244.6836	73.31	2862.22	2421.55	1104.25
52 15778.7500	298.7500	70.34	3062.25	2621.58	1212.04
53 15838.2002	358.2002	67.63	3357.25	2916.58	1079.81
54 15914.3828	434.3828	64.74	3593.38	3152.71	905.62
55 16010.4502	530.4502	61.73	3723.13	3282.46	724.29

Pierson 16-5

00:00	440.67
00:01	441.03
00:02	441.4
00:03	441.76
00:04	442.12
00:05	442.48
00:06	442.84
00:07	443.2
00:08	443.56
00:09	443.92
00:10	444.29
00:11	444.65
00:12	445.01
00:13	445.37
00:14	445.73
00:15	446.09
00:20	448.08
00:34	453.32
00:58	492.39
01:30	558.22
02:12	640.7
03:02	723.81
04:02	801.54
05:10	871.75
06:28	946.5
07:54	1026.79
09:30	1106.88
11:14	1179.54
13:07	1244.95
15:10	1292.97
17:21	1313.24
19:42	1399.9
22:11	1457.95
24:49	1433.25
27:37	1575.74
30:33	1630.93
33:39	1685.6
36:53	1739.83
40:16	1793.15
43:49	1845.45
47:30	1894.93
51:20	1940.13
55:20	1981.17
59:28	2017.89
63:45	2049.86
68:12	2078.04
72:47	2105.89
77:31	2133.45
82:24	2160.29
87:27	2186.26
92:38	2211.35
97:58	2235.47
103:27	2258.56
109:06	2280.46
114:53	2301.38
120:49	2323.1
126:54	2346.37
133:09	2371.57
139:32	2398.32
146:04	2423.44
152:45	2446.27
159:35	2466.59
166:35	2488.02
173:43	2514.17
181:00	2546.18
188:26	2580.54
196:01	2615
203:46	2647.62
211:39	2678.15
219:41	2718.46
227:52	2777.56
236:12	2827.48
244:41	2862.22
253:19	2884.66
262:06	2913.38
271:03	2947.49

Pierson 16-5

289:22	2964.85
298:45	3062.25
308:17	3129.31
317:58	3149.72
327:48	3184.05
337:47	3243.86
347:55	3299.55
358:12	3357.25
368:38	3428.68
379:13	3467.01
389:57	3491.87
400:50	3524.95
411:52	3553.07
423:03	3571.69
434:23	3593.38
445:52	3630.1
457:30	3653.72
469:17	3663.79
481:13	3710.02
493:18	3701.14
505:32	3718.06
517:55	3723.13
530:27	3723.13

SOUTH PIERSON
06-19-002-29 W1M

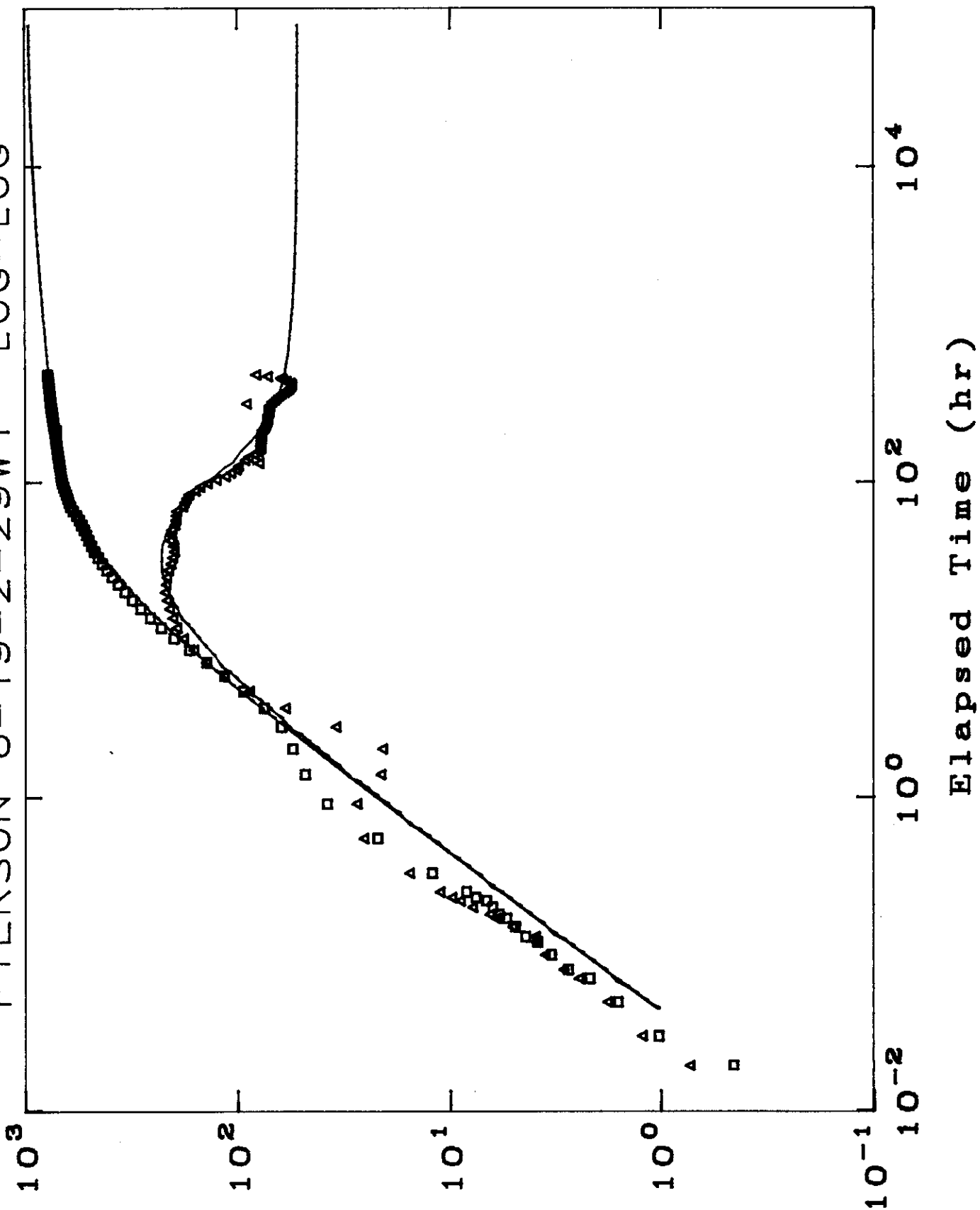
Date of Test	Jan. 31-Feb. 20, 1990
Reservoir Pressure	7515 kPag
Permeability	2.0 mD
Skin	1.32

Results from this analysis are in question due to insufficient build-up data. Although the derivative of the log-log plot seems to have reached stabilization, the build-up conducted on this well in 1987 demonstrates boundary effects that occurred during the late time data of the test. The shut-in period for this test was too short for boundary effects to be seen.

Lacking sufficient data, the reservoir was modelled as a homogeneous infinite acting reservoir with skin. If boundaries are present, as indicated on the 1987 build-up, this estimate of reservoir pressure is lower than the actual reservoir pressure of the pool.

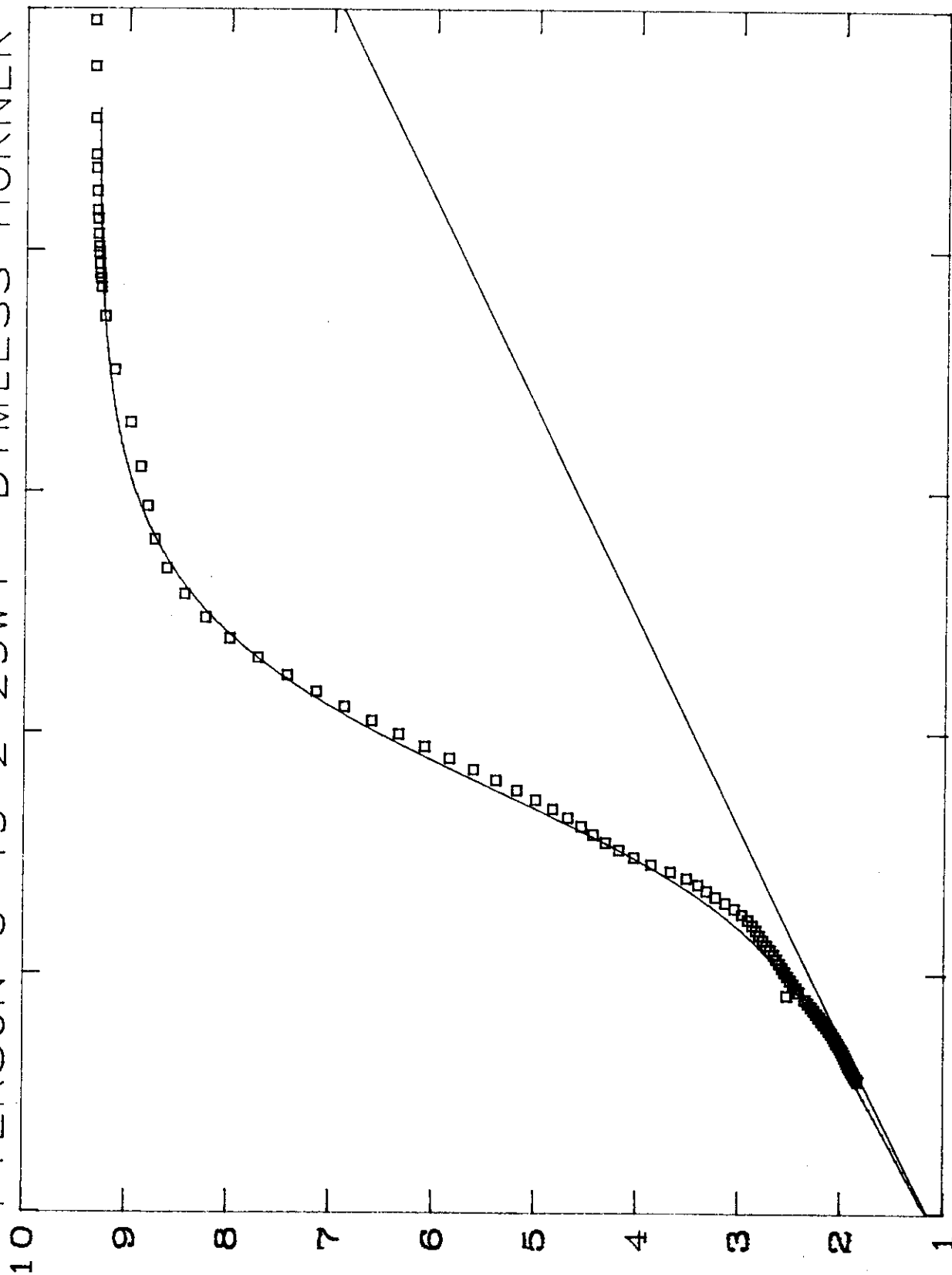
JAN 31 - FEB 20, 1990

PIERSON 6-19-2-29W1 LOG-LOG



JAN 31 - FEB 20, 1990

PIERSON 6-19-2-29W1 DIMLESS HORNER



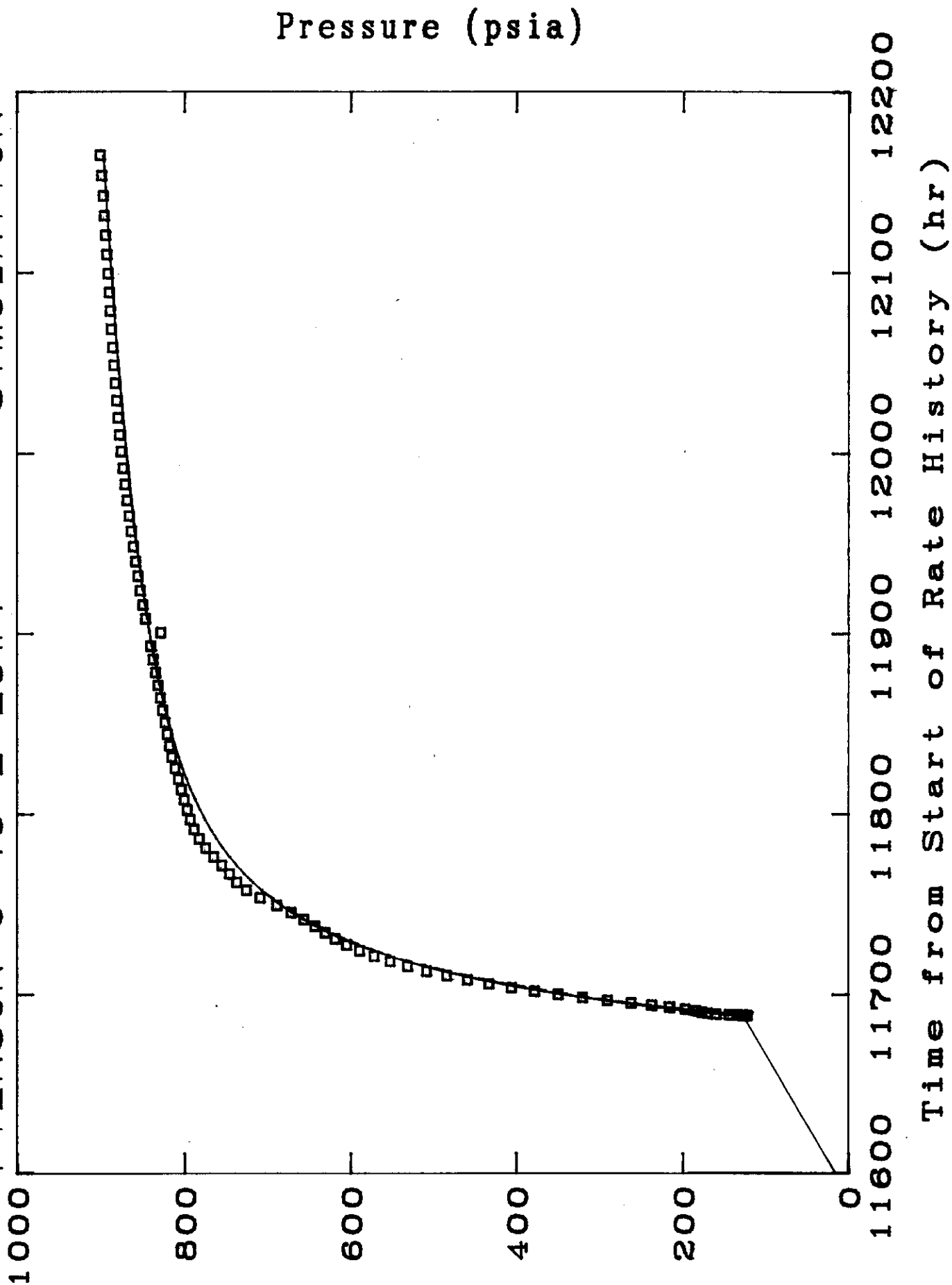
$$[(pav)_i - p] D$$

1. 2. 3. 4. 5. 6.

Dimensionless Superposition Function

JAN 31 - FEB 20, 1990

PIERSON 6-19-2-29W1 SIMULATION



Scientific Software-Intercomp

Interpret/2

WELL TEST ANALYSIS REPORT

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Formation: SPEARFISH

Zone:

Well: 6-19-2-29 W1M

Date: 01-MAY-90

Test No:

Test Date: JAN 20, 1990

Gauge:

Depth: FT

Perforations: 1 From FT To FT

ANALYSIS SUMMARY

Pressure measurements taken by automatic acoustic wellbore sounder
Top perf depth at 1019.5 mKB

Scientific Software-Intercomp

Interpret/2

Well & Reservoir Parameters

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 01-MAY-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: JAN 31-FEB 20, 1990

Well: 6-19-2-29 W1M

Gauge:

Depth: M

WELL AND RESERVOIR DATA (OIL)

Matrix Porosity	.153	FRACTION
Reservoir Thickness	5.60	M
Wellbore Radius	.350	FT
Oil Formation Volume Factor	1.169	RM3/M3
Oil Viscosity	1.20	CP
Total Compressibility	1.600E-05	1/KPA

Scientific Software-Intercomp	Interpretation
Rates	

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON
 Formation: SPEARFISH
 Zone:
 Well: 6-19-2-29 W1M

Date: 01-MAY-90
 Test No:
 Test Date: JAN 31-FEB 20, 1990
 Gauge:
 Depth: M

RATES

Flow Period	Start HOURS	End HOURS	Duration HOURS	Oil M3/D	Gas DAM3/D	Water M3/D
1	.0000	2208.0000	2208.0000	4.59	.00	.00
2	2208.0000	2952.0000	744.0000	3.27	.00	.00
3	2952.0000	5088.0000	2136.0000	3.58	.00	.00
4	5088.0000	5832.0000	744.0000	3.03	.00	.00
5	5832.0000	8040.0000	2208.0000	3.35	.00	.00
6	8040.0000	8760.0000	720.0000	2.86	.00	.00
7	8760.0000	10968.0000	2208.0000	3.50	.00	.00
8	10968.0000	11688.0000	720.0000	3.05	.00	.00
9	11688.0000	12165.0000	477.0000	.00	.00	.00

Scientific Software-Intercomp

Interpret/2

Analysis Parameters

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 01-MAY-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: JAN 31-FEB 20, 1990

Well: 6-19-2-29 W1M

Gauge:

Depth: FT

ANALYSIS MODEL, FLOW PERIOD: 9

Near wellbore effects: Wellbore Storage and Skin

Reservoir behaviour: Homogeneous

Boundary effects: Infinite Lateral Extent

ANALYSIS PARAMETERS, FLOW PERIOD: 9

Pressure match, PM

1.399E-03 1/KPA

Time match, TM

.223 1/HOURS

Curve match, CDe2S

1.329E+04

Scientific Software-Intercomp

Interpret/2

Analysis Results

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 01-MAY-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: JAN 31-FEB 20, 1990

Well: 6-19-2-29 W1M

Gauge:

Depth: FT

ANALYSIS MODEL, FLOW PERIOD: 9

Near wellbore effects: Wellbore Storage and Skin
Reservoir behaviour: Homogeneous
Boundary effects: Infinite Lateral Extent

ANALYSIS RESULTS, FLOW PERIOD: 9

Initial average reservoir pressure, (pav)i	7515.29	KPA
Final average reservoir pressure, (pav)f	7515.28	KPA
Permeability-thickness, kh	11.2	MD.M
Permeability, k	1.99	MD
Dimensionless wellbore storage coefficient, CD	952.	
Wellbore storage coefficient, C	9.328E-04	M3/KPA
Well skin factor, S	1.32	

Scientific Software-Intercomp

Interpret/2

Pressure Data by Flow Period

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Date: 01-MAY-90

Formation: SPEARFISH

Test No:

Zone:

Test Date: JAN 31-FEB 20, 1990

Well: 6-19-2-29 W1M

Gauge:

Depth:

M

PRESSURE DATA, FLOW PERIOD: 9

T HOURS	DELTA T HOURS	SUP. T STB/D	PRESSURE KPA	DELTA P KPA	DERIVATIVE KPA
1 11688.0195	.0195	114.15	843.68	0.06	5.05
2 11688.0303	.0303	110.50	847.60	7.06	8.46
3 11688.0498	.0498	106.35	851.54	11.00	12.33
4 11688.0703	.0703	103.48	855.47	14.93	16.82
5 11688.0801	.0801	102.40	859.40	18.86	19.86
6 11688.0996	.0996	100.58	863.24	22.70	24.26
7 11688.1201	.1201	99.02	866.97	26.43	26.63
8 11688.1299	.1299	98.37	870.63	30.09	27.10
9 11688.1504	.1504	97.15	874.19	33.65	34.77
10 11688.1699	.1699	96.13	877.61	37.07	41.63
11 11688.1797	.1797	95.66	880.88	40.34	44.69
12 11688.2002	.2002	94.76	883.86	43.32	54.13
13 11688.2197	.2197	93.99	886.98	46.44	61.98
14 11688.2305	.2305	93.59	892.66	52.12	67.96
15 11688.2500	.2500	92.91	898.39	57.85	77.25
16 11688.3301	.3301	90.60	924.54	84.00	107.67
17 11688.5498	.5498	86.35	993.18	152.64	177.26
18 11688.9102	.9102	82.15	1103.82	263.23	191.17
19 11689.3896	1.3896	78.62	1174.67	334.13	147.21
20 11690.0195	2.0195	75.51	1223.04	382.50	144.68
21 11690.7803	2.7803	72.84	1273.49	432.95	239.71
22 11691.6699	3.6699	70.53	1359.82	519.28	414.96
23 11692.6904	4.6904	68.48	1488.33	647.79	608.54
24 11693.8604	5.8604	66.63	1636.30	795.76	795.05
25 11695.1504	7.1504	64.97	1806.60	966.12	971.23
26 11696.5801	8.5801	63.45	2003.18	1162.64	1111.08
27 11698.1504	10.1504	62.05	2210.32	1369.78	1243.95
28 11699.8496	11.8496	60.55	2411.91	1571.37	1332.31
29 11701.6904	13.6904	59.55	2608.48	1767.94	1388.22
30 11703.6602	15.6602	58.43	2800.11	1959.57	1440.07
31 11705.7598	17.7598	57.38	2985.98	2145.44	1480.42
32 11708.0000	20.0000	56.39	3165.96	2325.42	1507.55
33 11710.3799	22.3799	55.45	3340.51	2499.07	1492.41
34 11712.8896	24.8896	54.56	3508.89	2668.35	1482.40
35 11715.5303	27.5303	53.72	3666.42	2825.88	1453.49
36 11718.3096	30.3096	52.92	3811.81	2971.27	1415.56
37 11721.2197	33.2197	52.15	3944.80	3104.84	1389.71
38 11724.2695	36.2695	51.42	4065.09	3226.76	1365.26

Pressure Data by Flow Period

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Formation: SPEARFISH

Zone:

Well: 6-19-2-29 W1M

Date: 01-MAY-90

Test No:

Test Date: JAN 31-FEB 20, 1990

Gauge:

Depth: M

PRESSURE DATA, FLOW PERIOD: 9

T HOURS	DELTA T HOURS	SUP. T STB/D	PRESSURE KPA	DELTA P KPA	DERIVATIVE KPA
39 11727.4502	39.4502	50.72	4172.93	3000.00	1375.56
40 11730.7695	42.7695	50.04	4267.77	3427.23	1428.61
41 11734.2197	46.2197	49.39	4351.10	3510.56	1404.46
42 11737.8096	49.8096	48.77	4436.96	3596.42	1405.85
43 11741.5303	53.5303	48.16	4530.97	3690.43	1353.62
44 11745.3896	57.3896	47.58	4636.14	3795.60	1344.99
45 11749.3799	61.3799	47.02	4756.79	3916.25	1335.70
46 11753.5098	65.5098	46.47	4894.06	4053.52	1329.86
47 11757.7695	69.7695	45.95	5006.81	4166.27	1245.78
48 11762.1602	74.1602	45.43	5087.64	4247.10	1225.67
49 11766.6904	78.6904	44.94	5147.12	4306.58	1199.35
50 11771.3604	83.3604	44.45	5210.47	4369.93	1169.44
51 11776.1602	88.1602	43.99	5277.80	4437.26	1091.05
52 11781.0898	93.0898	43.53	5344.50	4503.96	1034.56
53 11786.1602	98.1602	43.08	5397.60	4557.06	956.67
54 11791.3701	103.3701	42.65	5438.92	4598.38	867.07
55 11796.7100	108.7100	42.23	5470.54	4630.00	784.17
56 11802.1797	114.1797	41.82	5495.40	4654.86	741.09
57 11807.7900	119.7900	41.41	5519.83	4679.29	698.03
58 11813.5303	125.5303	41.02	5544.56	4704.02	682.61
59 11819.4102	131.4102	40.64	5570.10	4729.56	546.59
60 11825.4199	137.4199	40.26	5596.02	4755.48	635.67
61 11831.5703	143.5703	39.89	5622.21	4781.67	612.14
62 11837.8496	149.8496	39.53	5641.14	4800.00	575.75
63 11844.2695	156.2695	39.18	5659.72	4819.18	550.88
64 11850.8203	162.8203	38.83	5678.56	4838.02	536.88
65 11857.5000	169.5000	38.50	5697.66	4857.12	530.51
66 11864.3203	176.3203	38.16	5717.07	4876.53	534.29
67 11871.2803	183.2803	37.84	5736.75	4896.21	535.96
68 11878.3701	190.3701	37.52	5756.75	4916.21	534.39
69 11885.5996	197.5996	37.21	5777.06	4936.52	532.19
70 11892.9600	204.9600	36.90	5797.65	4957.11	531.40
71 11900.4502	212.4502	36.60	5713.08	4872.54	529.76
72 11908.0801	220.0801	36.30	5839.84	4999.30	516.42
73 11915.8398	227.8398	36.01	5861.45	5020.91	508.91
74 11923.7402	235.7402	35.72	5883.40	5042.86	503.72
75 11931.7803	243.7803	35.44	5902.67	5062.13	499.11
76 11939.9404	251.9404	35.16	5921.32	5080.73	498.86

Scientific Software-Intercomp

Interpret/2

Pressure Data by Flow Period

Company: HOME OIL COMPANY LIMITED

Field: SOUTH PIERSON

Formation: SPEARFISH

Zone:

Well: 6-19-2-29 W1M

Date: 01-MAY-90

Test No:

Test Date: JAN 31-FEB 20, 1990

Gauge:

Depth:

M

PRESSURE DATA, FLOW PERIOD: 9

T HOURS	DELTA T HOURS	SUP. T STB/D	PRESSURE KPA	DELTA P KPA	DERIVATIVE KPA
77 11948.2500	260.2500	34.89	5939.65	5072.17	497.21
78 11956.6797	268.6797	34.62	5957.60	5117.06	496.42
79 11965.2598	277.2598	34.35	5975.14	5134.60	489.54
80 11973.9600	285.9600	34.09	5992.25	5151.71	489.86
81 11982.8096	294.8096	33.84	6008.88	5168.34	490.11
82 11991.7803	303.7803	33.58	6025.07	5184.53	489.60
83 12000.8896	312.8896	33.33	6039.94	5199.40	625.95
84 12010.1396	322.1396	33.09	6052.96	5212.42	475.28
85 12019.5195	331.5195	32.85	6065.45	5224.91	462.31
86 12029.0400	341.0400	32.61	6077.43	5236.89	452.96
87 12038.6904	350.6904	32.37	6088.88	5248.34	442.46
88 12048.4697	360.4697	32.14	6099.32	5258.78	430.11
89 12058.3896	370.3896	31.91	6109.30	5268.76	414.96
90 12068.4502	380.4502	31.69	6118.78	5278.24	404.74
91 12078.6396	390.6396	31.47	6127.75	5287.21	394.50
92 12088.9600	400.9600	31.25	6136.73	5296.19	388.06
93 12099.4199	411.4199	31.03	6146.02	5305.48	385.49
94 12110.0098	422.0098	30.82	6155.46	5314.92	390.30
95 12120.7402	432.7402	30.60	6165.80	5325.20	407.21
96 12131.5996	443.5996	30.40	6175.51	5334.97	425.24
97 12142.5996	454.5996	30.19	6185.35	5344.81	432.05
98 12153.7305	465.7305	29.99	6197.24	5356.70	439.01
99 12165.0000	477.0000	29.79	6209.56	5369.02	565.16

ST*Rware Version 2.15 (Sounder)

Current Date : 02/21/90 Current Time : 09:07:15
Observation Date: 01/31/90 Observation Time: 16:04:22
File Name : PIER6-19 Datum Depth : 1024.74

#	Elapsed Time HH	BHP (kPa)
1	0	840.54
2	0.02	843.68
3	0.03	847.6
4	0.05	851.54
5	0.07	855.47
6	0.08	859.4
7	0.1	863.24
8	0.12	866.97
9	0.13	870.63
10	0.15	874.19
11	0.17	877.61
12	0.18	880.88
13	0.2	883.86
14	0.22	886.98
15	0.23	892.66
16	0.25	898.39
17	0.33	924.54
18	0.55	993.18
19	0.91	1103.82
20	1.39	1174.67
21	2.02	1223.04
22	2.78	1273.49
23	3.67	1359.82
24	4.69	1488.33
25	5.86	1636.3
26	7.15	1806.66
27	8.58	2003.18
28	10.15	2210.32

30	13.69	2608.48
31	15.66	2800.11
32	17.76	2985.98
33	20	3165.96
34	23.38	3340.51
35	24.89	3508.89
36	27.53	3666.42
37	30.31	3811.81
38	33.22	3944.88
39	36.27	4065.3
40	39.45	4172.93
41	42.77	4267.77
42	46.22	4351.1
43	49.81	4436.96
44	53.53	4530.97
45	57.39	4636.14
46	61.38	4756.79
47	65.51	4894.06
48	69.77	5006.81
49	74.16	5087.64
50	78.69	5147.12
51	83.36	5210.47
52	88.16	5277.8
53	93.09	5344.5
54	98.16	5397.6
55	103.37	5438.92
56	108.71	5470.54
57	114.18	5495.4
58	119.79	5519.83
59	125.53	5544.56
60	131.41	5570.1
61	137.42	5596.02
62	143.57	5622.21
63	149.85	5641.14
64	156.27	5659.72
65	162.82	5678.56
66	169.5	5697.66
67	176.32	5717.07
68	183.28	5736.75
69	190.37	5756.75
70	197.6	5777.06
71	204.96	5797.65
72	212.45	5713.08
73	220.08	5839.84
74	227.84	5861.45
75	235.74	5883.4
76	243.78	5902.67
77	251.94	5921.32
78	260.25	5939.65
79	268.68	5957.6
80	277.26	5975.14
81	285.96	5992.25
82	294.81	6008.88
83	303.78	6025.07
84	312.89	6039.94
85	322.14	6052.96
86	331.52	6065.45
87	341.04	6077.43
88	350.69	6088.88
89	360.47	6099.32
90	370.39	6109.3
91	380.45	6118.78
92	390.64	6127.75
93	400.96	6136.73
94	411.42	6144.02

29.

11.85

2411.91

96	432.74	6165.8
97	443.6	6175.51
98	454.6	6185.35
99	465.73	6197.24
100		6209.56

ST*Rware Version 2.15 (Sounder)

Current Date	: 02/21/90	Current Time	: 09:09:25
Observation Date:	01/31/90	Observation Time:	16:04:22
File Name	: PIER6-19	Datum Depth	: 1024.74

Calculated Values

Analysis Date		[Initial]	: 02/21/90
Analysis Time		[Initial]	: 08:43:14
Date Of End Of Test		[Initial]	: 02/20/90
Time Of End Of Test		[Initial]	: 13:04:20
Annular Volume	(m^3)	[Initial]	: 8.695
Area Of Casing	(m^2)	[Initial]	: 0.009
Water Cut		[Initial]	: 0.01
Oil Density	(kg/m^3)	[Initial]	: 5.854
Acoustic Velocity	(m/s)	[Initial]	: 295.111
-			
Specific Gravity Of Gas		[Spg]	: 1.14
Molecular Weight		[Spg]	: 32.94
Critical Density	(kg/m^3)	[Spg]	: 6.291
-			
Critical Pressure	(kPa)	[Critical]	: 4571
Critical Temperature	(K)	[Critical]	: 307.19
Reduced Temperature		[Critical]	: 1

Home Oil Company Limited

1700 Home Oil Tower
324 Eighth Avenue S.W.
Calgary, Alberta T2P 2Z5
Telephone (403) 232-7100
Fax (403) 232-7678



1989-10-02

Manitoba Energy and Mines
Petroleum Division
555 - 330 Graham Avenue
Winnipeg, Manitoba
R3C 4E3

Attention: Mr. J. Fox

Dear John:

Re: PRESSURE TESTS
S. PIERSON, MANITOBA

Please find enclosed the results of pressure tests on the following wells:

<u>Location</u>	<u>Test</u>	<u>Date</u>	<u>Press</u> kPa
04-01-002-29 W1M	Build-up/Static Grad.	87-12-13 to 87-12-28	10732 ①
06-04-002-29 W1M	Build-up/Static Grad.	87-02-04 to 87-02-11	7747 ①
	Fall-off/Static Grad.	88-04-19 to 88-04-27	10911 ②
16-05-002-29 W1M	Build-up/Static Grad.	88-01-18 to 88-02-01	2058 ①
08-09-002-29 W1M	Build-up/Static Grad.	87-03-24 to 87-03-31	10551 ②
12-09-002-29 W1M	Build-up/Static Grad.	88-05-22 to 88-06-04	9734 ①
14-09-002-29 W1M	Build-up	87-11-04 to 87-11-19	10246 ②
16-09-002-29 W1M	Build-up	87-11-03 to 87-11-19	10123 ②
08-10-002-29 W1M	Build-up/Static Grad.	87-12-13 to 87-12-28	10165 ①
06-19-002-29 W1M	Build-up	87-06-06 to 87-06-22	10590 ③
10-21-002-29 W1M	Build-up	87-03-21 to 87-03-28	7617 ③

- ① These figures are from the Static Gradient tests and are kPag values at mid-point of perforations.
② These values are from HOC's analysis of the build-up tests.
③ These figures are the final recorded pressure from the applicable build-up.

If there are any questions concerning these tests please contact the undersigned at (403) 232-7728.

Yours truly,

HOME OIL COMPANY LIMITED

T.A. Coburn
Reservoir Engineering

TAC/jlc
1673e

1989-09-28

Manitoba Energy and Mines
Petroleum Division
555 - 330 Graham Avenue
Winnipeg, Manitoba
R3C 4E3

Dear Sir/Madam:

Re: Pressure Tests
S. Pierson, Manitoba

c.c. G.B. Harrison
H.A. Seefeldt
FILE: 13-PIER-0
Day File

select 5
do while licence = MLIC

select 5
if found()
do while licence = MLIC
skip

select 5
if .not. found()
select 1
if .not. found()
@6,5 say 'Licence #u' + MLIC + 'u does not exist in the well database, -
wait
return
else
FLOATER=1
return
endif
else
do while licence = MLIC

MUST LOOK @ LOGIC
ON SCREEN'S, etc
re updating/correcting database
→ want to U/C most recent
version this must be reflected in SCREEN'S
etc ...

eg. FILECHECK
FILEPICK

Tuesday

Sub-directories: TILSTON .DB\$
COULTER .DB\$
LULULAKE.DB\$
WHITEWTR.DB\$
TEST .DB\$
SAVE
NEWVER .DB\$

Path: \PO\DEW\TILSTON.DB\$

Sub-directories: None

Path: \PO\DEW\COULTER.DB\$

Sub-directories: None

Path: \PO\DEW\LULULAKE.DB\$

Sub-directories: None

Path: \PO\DEW\WHITEWTR.DB\$

Sub-directories: None

Path: \PO\DEW\TEST.DB\$

Sub-directories: None

Path: \PO\DEW\SAVE

Sub-directories: None

Path: \PO\DEW\NEWVER.DB\$

Sub-directories: None

Path: \PO\ORDERS

Sub-directories: None

Path: \PROCOMM

Sub-directories: None

Path: \QEDIT

Sub-directories: None

Path: \SMART

Sub-directories: None

Path: \STORE

Sub-directories: STORE106
WASKADA3
SOUTH1
DALY1
DALY2
DALY3
DALY4
DALY5
VIRDEN1
VIRDEN2
VIRDEN3
VIRDEN4
VIRDEN5
VIRDEN6
VIRDEN7
VIRDEN8
WASKADA1
WASKADA2
NORTH1

Sub-directories: None

Path: \SMART

Sub-directories: None

Path: \STORE

Sub-directories: STORE106
WASKADA3
SOUTH1
DALY1
DALY2
DALY3
DALY4
DALY5
VIRDEN1
VIRDEN2
VIRDEN3
VIRDEN4
VIRDEN5
VIRDEN6
VIRDEN7
VIRDEN8
WASKADA1
WASKADA2
NORTH1

Path: \STORE\STORE106

Sub-directories: None

Path: \STORE\WASKADA3

Sub-directories: None

Path: \STORE\SOUTH1

Sub-directories: None

Path: \STORE\DALY1

Sub-directories: None

Path: \STORE\DALY2

Sub-directories: None

Path: \STORE\DALY3

Sub-directories: None

Path: \STORE\DALY4

Sub-directories: None

Path: \STORE\DALY5

Sub-directories: None

Path: \STORE\VIRDEN1

Sub-directories: None

Path: \STORE\VIRDEN2

Sub-directories: None

Path: \STORE\VIRDEN3

Sub-directories: None

Sub-directories: None

Path: \STORE\DALY4

Sub-directories: None

Path: \STORE\DALY5

Sub-directories: None

Path: \STORE\VIRDEN1

Sub-directories: None

Path: \STORE\VIRDEN2

Sub-directories: None

Path: \STORE\VIRDEN3

Sub-directories: None

Path: \STORE\VIRDEN4

Sub-directories: None

Path: \STORE\VIRDEN5

Sub-directories: None

Path: \STORE\VIRDEN6

Sub-directories: None

Path: \STORE\VIRDEN7

Sub-directories: None

Path: \STORE\VIRDEN8

Sub-directories: None

Path: \STORE\WASKADA1

Sub-directories: None

Path: \STORE\WASKADA2

Sub-directories: None

Path: \STORE\NORTH1

Sub-directories: None

Path: \PEEP

Sub-directories: P
C
TER
OPR
GPR
CPR
PPR
BPR
SPR
EPR
OTH
PBT
REP
PLT

Sub-directories: None

Path: \STORE\WASKADA2

Sub-directories: None

Path: \STORE\NORTH1

Sub-directories: None

Path: \PEEP

Sub-directories: F
C
TER
OPR
GPR
CPR
PPR
BPR
SPR
EPR
OTH
PBT
REP
PLT
RPO

Path: \PEEP\P

Sub-directories: None

Path: \PEEP\C

Sub-directories: None

Path: \PEEP\TER

Sub-directories: None

Path: \PEEP\OPR

Sub-directories: None

Path: \PEEP\GPR

Sub-directories: None

Path: \PEEP\CPR

Sub-directories: None

Path: \PEEP\PPR

Sub-directories: None

Path: \PEEP\BPR

Sub-directories: None

Path: \PEEP\SPR

Sub-directories: None

Path: \PEEP\EPR

Sub-directories: None

Path: \PEEP\OTH

Path: \PEEP\CPR
Sub-directories: None

Path: \PEEP\PPR
Sub-directories: None

Path: \PEEP\BPR
Sub-directories: None

Path: \PEEP\SPR
Sub-directories: None

Path: \PEEP\EPR
Sub-directories: None

Path: \PEEP\OTH
Sub-directories: None

Path: \PEEP\PBT
Sub-directories: None

Path: \PEEP\REP
Sub-directories: None

Path: \PEEP\PLT
Sub-directories: None

Path: \PEEP\RPD
Sub-directories: None

EPSON

DIRECTORY PATH LISTING

Path: \STARTUP
Sub-directories: None

Path: \DOS
Sub-directories: None

Path: \SETUP
Sub-directories: None

Path: \MG150
Sub-directories: None

Path: \CHART
Sub-directories: None

DIRECTORY PATH LISTING

Path: \STARTUP

Sub-directories: None

Path: \DOS

Sub-directories: None

Path: \SETUP

Sub-directories: None

Path: \MG150

Sub-directories: None

Path: \CHART

Sub-directories: None

Path: \DBASE

Sub-directories: SNAP

Path: \DBASE\SNAP

Sub-directories: None

Path: \123

Sub-directories: None

Path: \QEDIT

Sub-directories: None

Path: \RPBASE

Sub-directories: None

Path: \CLIPPER

Sub-directories: None

Path: \FASTBACK

Sub-directories: None

Path: \MM

Sub-directories: None

Home Oil Company Limited

INTER-OFFICE MEMORANDUM

TO: G. Chan

FROM: G. Harrison

SUBJECT: S. Pierson 06-04-002-29 W1M
Injection Fall-Off Test Analysis

DATE: 1988-11-10

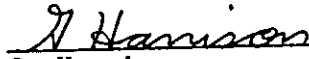
FILE NO: Well File

The subject fall-off test conducted 1988-04-20 was analysed to determine if water injection rates can be improved. The well is no longer capable of disposing of all of the produced water in the area.

Analysis indicates a high degree of improvement in the range of -5 to -6 skin factor. This degree of improvement is usually only possible with a massive hydraulic fracture. Since the Spearfish was fractured in this well it is possible the fracture extends into the Mississippian and is responsible for the high improvement. If so, an additional fracture treatment would be pointless. However the original fracture was interpreted as being contained by the approximately 10 m of anhydritic interval separating the two porous formations. The fall-off interpretation is not as definitive as a pressure build-up interpretation and the improvement indicated may be the result of a combination of partial completion and acidization.

Any stimulation workover should include the completion of the MC2 zone at approximately 1080 m KB, an areally extensive aquifer that is not currently open to the wellbore.

GBH/jlc
1320e


G. Harrison

c.c. D. Bertram
W. Tersmette
Reading File

S. PIERSON 06-04-02-29W)

DERIVED FROM :

1P-WELL STORAGE-INF. RES-FORMULA(OIL)

(F01PWSIOP

)

INPUT DATA :

FORMATION VOLUME FACTOR

-Rm3/m3

1.2000000

MATRIX POROSITY

-fraction

0.15000001

VISCOSITY

-cP

0.69999999

TOTAL COMPRESSIBILITY

-1/kPa

0.69999999E-06

RESERVOIR THICKNESS

-m

5.0000000

WELL RADIUS

-m

0.10000000

DELTA RATE QN-Q(N-1)

-m3/day

162.10001

PRESSURE MATCH

0.17000000E-03

TIME MATCH

4.9499998

CURVE MATCH (CDE2S)

0.45000002E-01

RESULTS :

PERMEABILITY THICKNESS

-mD.m

43.205185

PERMEABILITY

-mD

8.6410071

WELLBORE STORAGE COEFFICIENT

-m3/kPa

0.27835296E-03

DIMENSIONLESS WELLBORE STORAGE COEF.

8438.3535

SKIN FACTOR

-6.0708175

SUPERPOSITION SLOPE

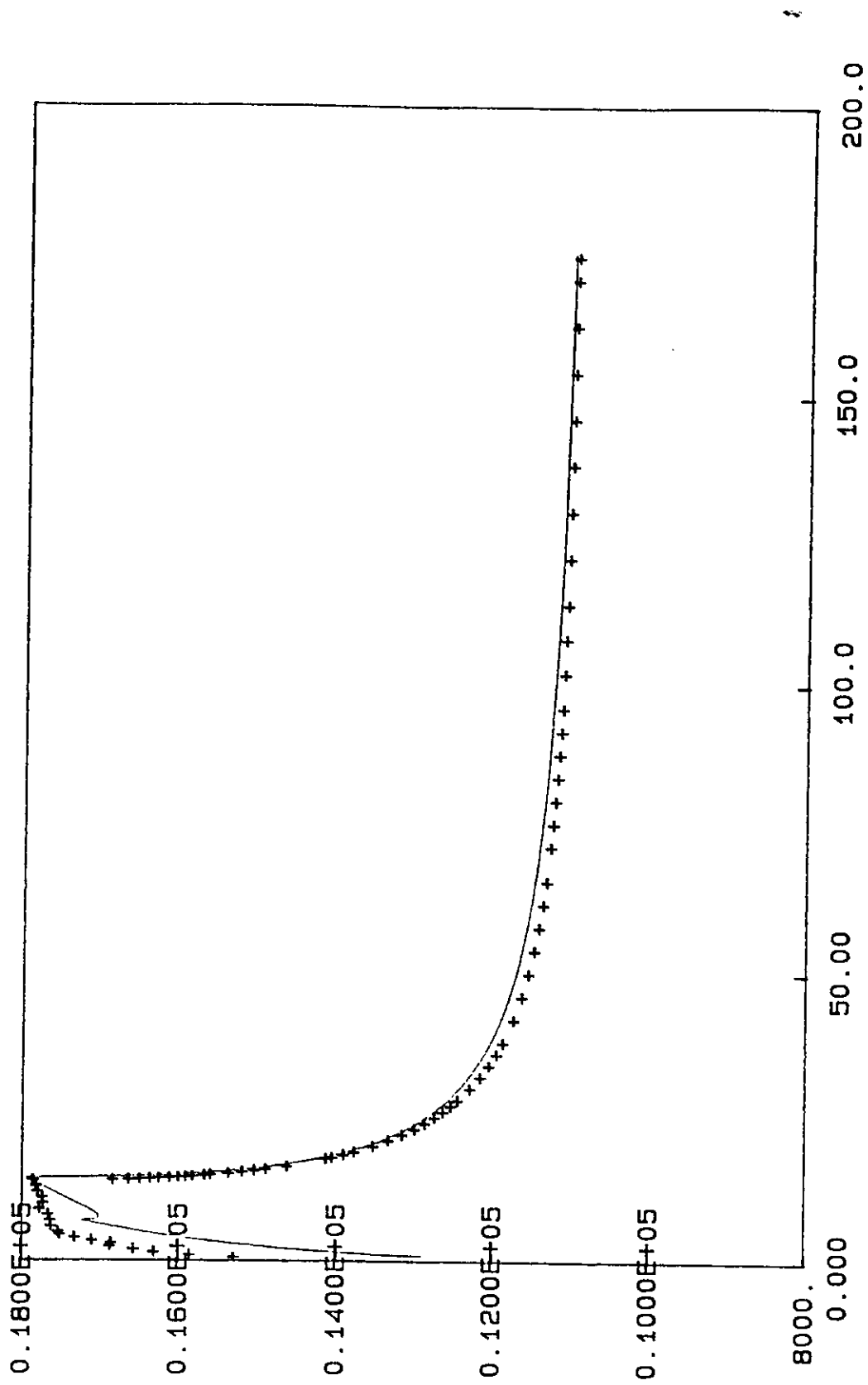
-kPa/m3/day

41.8

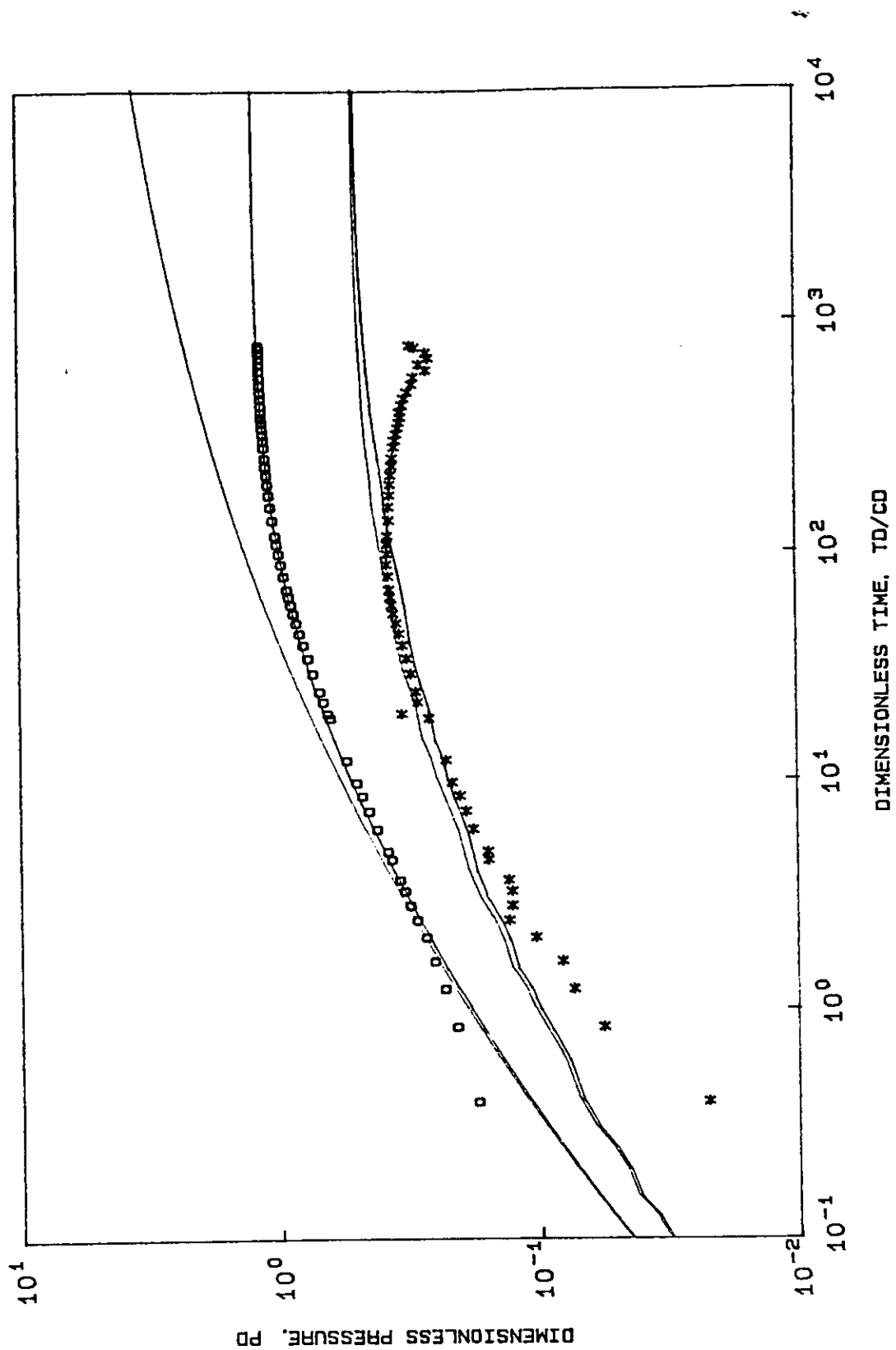
HALF LENGTH OF FRACTURE

-m

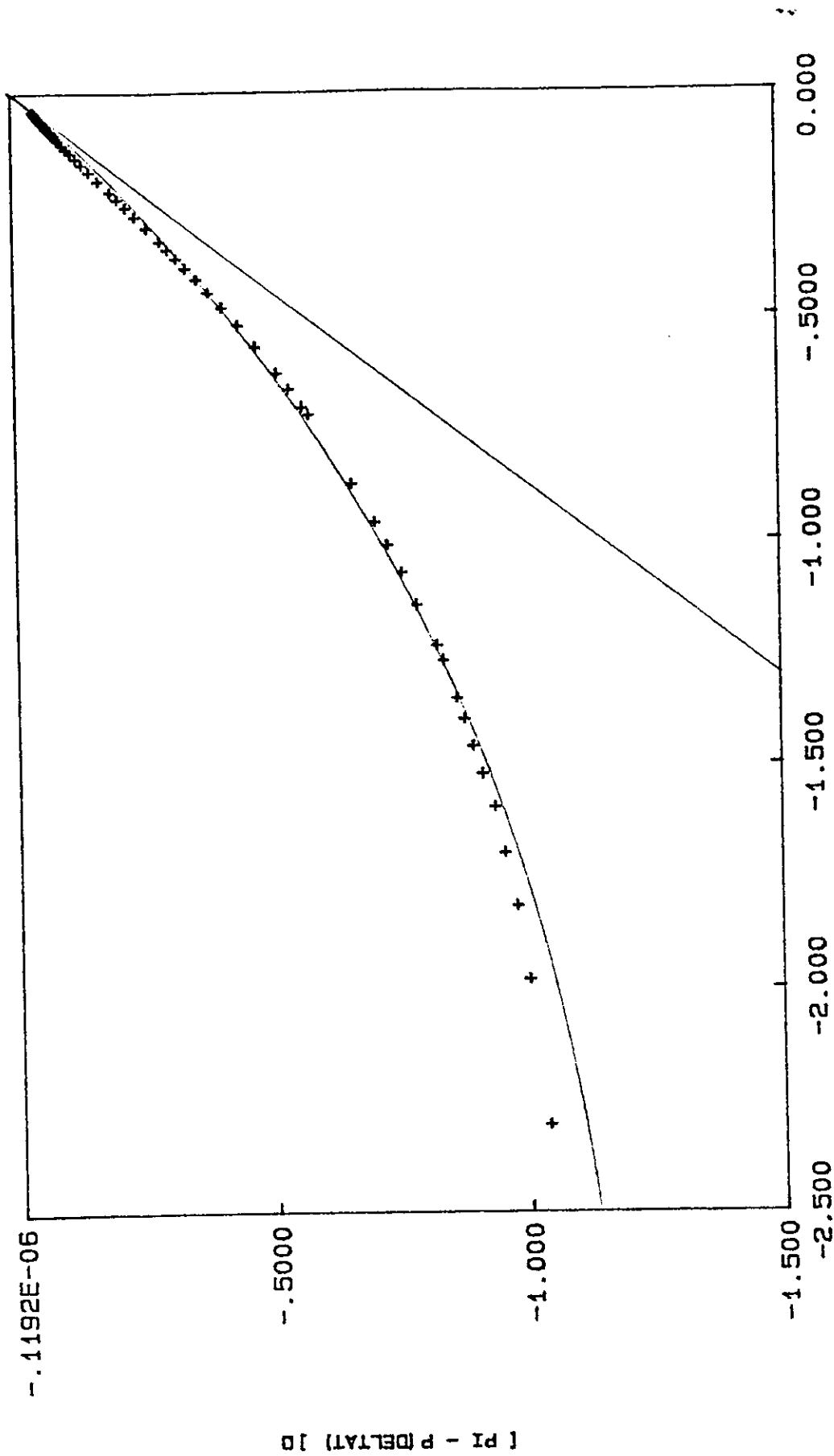
86.606911



HOME OIL CO. LTD
S. PIERSON 06-04-02-29W1M
FALLOFF PRESSURE DATA/SIMULATION
1988-0420

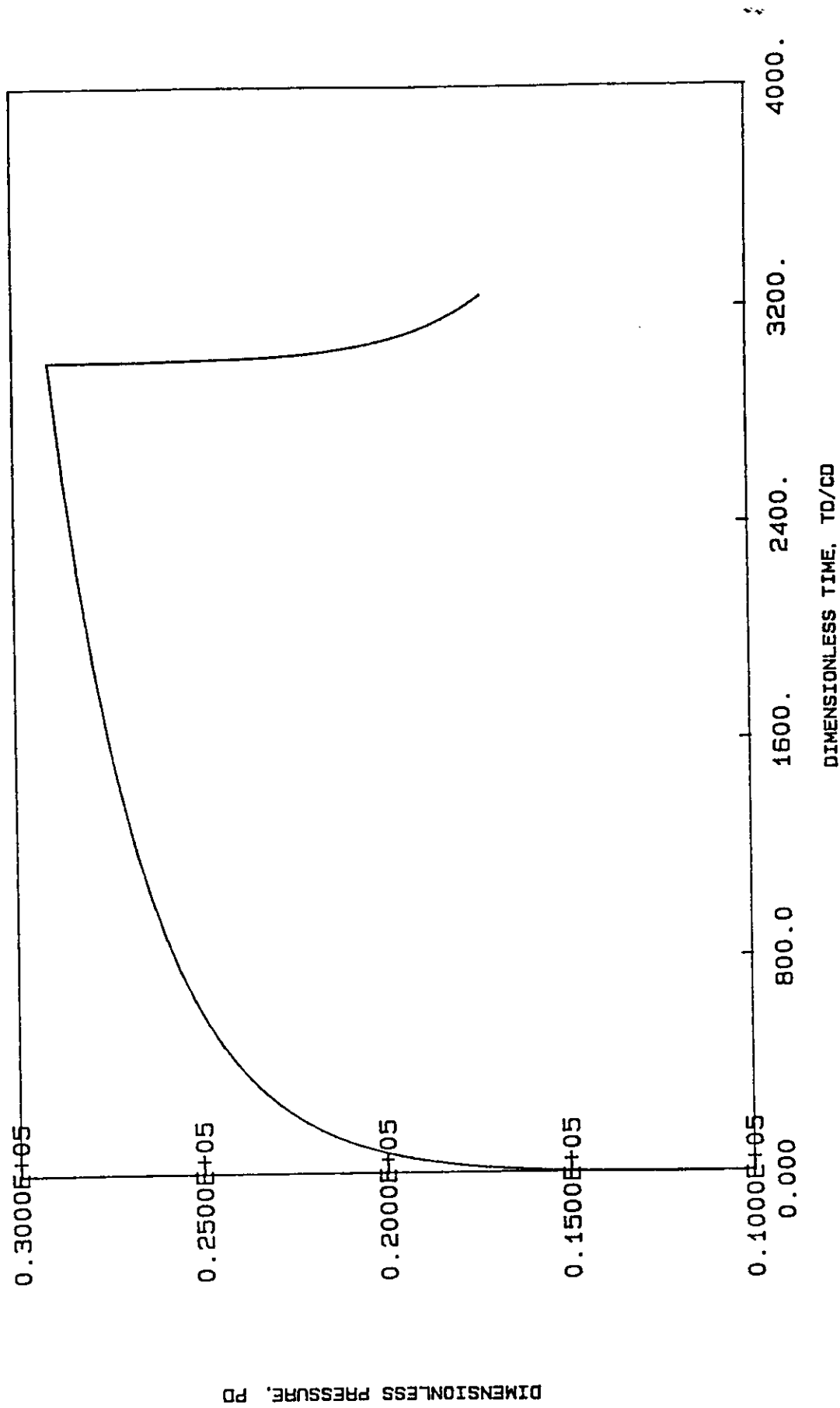


HOME OIL CO. LTD.
 S. PIERSON 06-04-02-29W1M
 1988-04-20
 PRESSURE FALLOFF TEST



DIMLESS SUP. FP: 3

HOME OIL CO. LTD.
S. PIERSON 06-04-02-29W1M
1988-04-20



HOME OIL CO. LTD.
S. PIERSON 06-04-02-29W1
DRAWDOWN TYPE CURVE, CDe (2S) = 4.000E-02
SIMULATED B H PRESSURE VS TIME (HRS), INJ 140M3/D

**MOOSE MOUNTAIN
WELL SERVICES LTD.**

COMPANY:HOME OIL COMPANY LIMITED
ADDRESS: CALGARY ALBERTA
FIELD-POOL: PIERSON/SPEARFISH
TYPE OF TEST: SWAB-BUILDUP
PERF/OH INTERVAL: 1022.5-1025.5 KB
ELEVATIONS: (GD)473.5 (KB) 477.9
POOL DATUM:

WELL NAME: HOME SCURRY S. PIERSON
LOCATION: 12-9-2-29-W1M
WELL STATUS: OIL
DATE OF TEST: 88MAY22
PRODUCING THROUGH: TUBING
MP PROD. INTER: 1019.6 GD
DATUM DEPTH: (CF)

SHUT IN: 1630 5/22/88
DWG PRESS: (KPA)

RUN DEPTH TEMP: (C) 44
ON/OFF BTM: 0945 5/22 - 1141 6/4

	TOP RECORDER	BOTTOM RECORDER
ELEMENT SERIAL NO:	60787	53531
RUN DEPTH: (MCF)	1020.2	1022
RUN DEPTH PRESS: (KPA)	9740	9734
GRADIENT-RUN DEPTH: (KPA/M)		
PRESSURE AT MMP: (KPA)	9734	9709
DATUM DEPTH PRESS: (KPA)		

REMARKS: BOTTOM RECORDER DAMAGED - USED TOP RECORDER

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 12-9-2-29-W1M

Element No. 60787

Range (kPa): 20685

IHH: 60454

360 hr Clock #: 2945

Run Depth: 1020.2

Calib. Equation: 420.41

31.46

Calib. Date: 88FEB23

Date	Time	Cumulative	Deflection	P-PC	Pressure
88MAY22	0945	0.00	ON BOTTOM-NOT LEGIBLE		
88MAY22	1045	1.00	20.200	+11.0	8535
			APPROXIMATE READING		
88MAY22	1145	2.00	18.765	+12.6	7933
			SWABBING		
88MAY22	1245	3.00	15.455	+16.5	6545
88MAY22	1345	4.00	16.390	+15.3	6937
88MAY22	1445	5.00	15.390	+16.6	6518
88MAY22	1545	6.00	14.885	+17.3	6307
88MAY22	1630	6.75	14.530	+17.8	6158
			SHUT IN		
88MAY22	1645	7.00	15.355	+16.7	6504
			FRICTION BOTTOM RECORDER		
88MAY22	1700	7.25	15.785	+16.1	6684
88MAY22	1715	7.50	16.130	+15.6	6828
88MAY22	1730	7.75	16.430	+15.2	6954
88MAY22	1745	8.00	16.670	+15.0	7055
88MAY22	1800	8.25	16.880	+14.7	7143
88MAY22	1815	8.50	17.055	+14.5	7216
88MAY22	1830	8.75	17.205	+14.4	7279
88MAY22	1845	9.00	17.340	+14.2	7336
88MAY22	1915	9.50	17.575	+14.0	7434
88MAY22	1945	10.00	17.790	+13.7	7524
88MAY22	2015	10.50	17.960	+13.5	7596
88MAY22	2045	11.00	18.120	+13.4	7663
88MAY22	2115	11.50	18.270	+13.2	7726
88MAY22	2145	12.00	18.400	+13.1	7780
88MAY22	2245	13.00	18.630	+12.8	7876
88MAY22	2345	14.00	18.840	+12.6	7965
88MAY23	0045	15.00	19.030	+12.3	8044
88MAY23	0145	16.00	19.180	+12.2	8107
88MAY23	0245	17.00	19.330	+12.0	8170
88MAY23	0345	18.00	19.455	+11.9	8222
88MAY23	0445	19.00	19.575	+11.7	8273
88MAY23	0545	20.00	19.685	+11.6	8319
88MAY23	0645	21.00	19.785	+11.5	8361
88MAY23	0745	22.00	19.880	+11.4	8401
88MAY23	0845	23.00	19.970	+11.3	8438
88MAY23	0945	24.00	20.045	+11.2	8470
88MAY23	1045	25.00	20.125	+11.1	8503

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 12-9-2-29-W1M

Element No. 60787

Range (kPa): 20685

IHH: 60454

360 hr Clock #: 2945

Run Depth: 1020.2

Calib. Equation: 420.41

31.46

Calib. Date: 88FEB23

Date	Time	Cumulative	Deflection	P-PC	Pressure
88MAY23	1145	26.00	20.195	+11.1	8533
88MAY23	1245	27.00	20.270	+11.0	8564
88MAY23	1345	28.00	20.330	+10.9	8589
88MAY23	1445	29.00	20.395	+10.8	8617
88MAY23	1545	30.00	20.455	+10.8	8642
88MAY23	1645	31.00	20.510	+10.7	8665
88MAY23	1745	32.00	20.560	+10.6	8686
88MAY23	1845	33.00	20.615	+10.6	8709
88MAY23	1945	34.00	20.670	+10.5	8732
88MAY23	2045	35.00	20.710	+10.5	8749
88MAY23	2145	36.00	20.760	+10.4	8770
88MAY23	2245	37.00	20.805	+10.4	8788
88MAY23	2345	38.00	20.845	+10.3	8805
88MAY24	0045	39.00	20.890	+10.3	8824
88MAY24	0145	40.00	20.930	+10.2	8841
88MAY24	0245	41.00	20.970	+10.2	8858
88MAY24	0345	42.00	21.000	+10.2	8870
88MAY24	0445	43.00	21.040	+10.1	8887
88MAY24	0545	44.00	21.075	+10.1	8902
88MAY24	0645	45.00	21.115	+10.0	8918
88MAY24	0745	46.00	21.145	+10.0	8931
88MAY24	0845	47.00	21.170	+10.0	8942
88MAY24	0945	48.00	21.205	+9.9	8956
88MAY24	1145	50.00	21.265	+9.9	8981
88MAY24	1345	52.00	21.325	+9.8	9006
88MAY24	1545	54.00	21.375	+9.7	9027
88MAY24	1745	56.00	21.430	+9.7	9051
88MAY24	1945	58.00	21.480	+9.6	9071
88MAY24	2145	60.00	21.520	+9.6	9088
88MAY24	2345	62.00	21.570	+9.5	9109
88MAY25	0145	64.00	21.610	+9.5	9126
88MAY25	0345	66.00	21.650	+9.4	9143
88MAY25	0545	68.00	21.690	+9.4	9160
88MAY25	0745	70.00	21.735	+9.3	9178
88MAY25	0945	72.00	21.770	+9.3	9193
88MAY25	1145	74.00	21.800	+9.3	9206
88MAY25	1345	76.00	21.840	+9.2	9222
88MAY25	1545	78.00	21.870	+9.2	9235
88MAY25	1745	80.00	21.900	+9.2	9248
88MAY25	1945	82.00	21.935	+9.1	9262

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 12-9-2-29-W1M

Element No. 60787

Range (kPa): 20685

IHM: 60454

360 hr Clock #: 2945

Run Depth: 1020.2

Calib. Equation: 420.41

31.46

Calib. Date: 88FEB23

Date	Time	Cumulative	Deflection	P-PC	Pressure
88MAY25	2145	84.00	21.970	+9.1	9277
88MAY25	2345	86.00	21.990	+9.1	9285
88MAY26	0145	88.00	22.020	+9.0	9298
88MAY26	0345	90.00	22.050	+9.0	9310
88MAY26	0545	92.00	22.070	+9.0	9319
88MAY26	0745	94.00	22.095	+8.9	9329
88MAY26	0945	96.00	22.125	+8.9	9342
88MAY26	1145	98.00	22.145	+8.9	9350
88MAY26	1345	100.00	22.170	+8.9	9361
88MAY26	1545	102.00	22.190	+8.8	9369
88MAY26	1745	104.00	22.218	+8.8	9381
88MAY26	1945	106.00	22.240	+8.8	9390
88MAY26	2145	108.00	22.255	+8.8	9396
88MAY26	2345	110.00	22.280	+8.7	9407
88MAY27	0145	112.00	22.305	+8.7	9417
88MAY27	0345	114.00	22.320	+8.7	9424
88MAY27	0545	116.00	22.335	+8.7	9430
88MAY27	0745	118.00	22.350	+8.7	9436
88MAY27	0945	120.00	22.380	+8.6	9449
88MAY27	1345	124.00	22.405	+8.6	9459
88MAY27	1745	128.00	22.440	+8.6	9474
88MAY27	2145	132.00	22.470	+8.5	9487
88MAY28	0145	136.00	22.500	+8.5	9499
88MAY28	0545	140.00	22.530	+8.5	9512
88MAY28	0945	144.00	22.555	+8.4	9522
88MAY28	1345	148.00	22.580	+8.4	9533
88MAY28	1445	149.00	22.590	+8.4	9537
			WELL OPENED		
88MAY28	1450	149.08	21.330	+9.8	9009
			SHUT IN		
88MAY28	1500	149.25	21.825	+9.2	9216
88MAY28	1515	149.50	22.110	+8.9	9336
88MAY28	1530	149.75	22.245	+8.8	9392
88MAY28	1545	150.00	22.340	+8.7	9432
88MAY28	1615	150.50	22.400	+8.6	9457
88MAY28	1645	151.00	22.430	+8.6	9470
88MAY28	1715	151.50	22.450	+8.5	9478
88MAY28	1745	152.00	22.470	+8.5	9487
88MAY28	1815	152.50	22.485	+8.5	9493
88MAY28	1845	153.00	22.500	+8.5	9499

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 12-9-2-29-W1M

Element No. 60787

Range (kPa): 20685

IHH: 60454

360 hr Clock #: 2945

Run Depth: 1020.2

Calib. Equation: 420.41

31.46

Calib. Date: 88FEB23

Date	Time	Cumulative	Deflection	P-PC	Pressure
88MAY28	1915	153.50	22.510	+8.5	9503
88MAY28	1945	154.00	22.520	+8.5	9508
88MAY28	2045	155.00	22.535	+8.4	9514
88MAY28	2145	156.00	22.550	+8.4	9520
88MAY28	2245	157.00	22.560	+8.4	9524
88MAY28	2345	158.00	22.570	+8.4	9529
88MAY29	0045	159.00	22.580	+8.4	9533
88MAY29	0145	160.00	22.590	+8.4	9537
88MAY29	0245	161.00	22.600	+8.4	9541
88MAY29	0345	162.00	22.610	+8.4	9545
88MAY29	0445	163.00	22.615	+8.4	9547
88MAY29	0545	164.00	22.620	+8.4	9549
88MAY29	0645	165.00	22.630	+8.3	9554
88MAY29	0745	166.00	22.640	+8.3	9558
88MAY29	0845	167.00	22.640	+8.3	9558
88MAY29	0945	168.00	22.650	+8.3	9562
88MAY29	1145	170.00	22.660	+8.3	9566
88MAY29	1345	172.00	22.670	+8.3	9570
88MAY29	1545	174.00	22.680	+8.3	9575
88MAY29	1745	176.00	22.690	+8.3	9579
88MAY29	1945	178.00	22.695	+8.3	9581
88MAY29	2145	180.00	22.700	+8.3	9583
88MAY29	2345	182.00	22.710	+8.3	9587
88MAY30	0145	184.00	22.720	+8.2	9591
88MAY30	0345	186.00	22.730	+8.2	9596
88MAY30	0545	188.00	22.740	+8.2	9600
88MAY30	0745	190.00	22.750	+8.2	9604
88MAY30	0945	192.00	22.760	+8.2	9608
88MAY30	1345	196.00	22.775	+8.2	9614
88MAY30	1745	200.00	22.790	+8.2	9621
88MAY30	2145	204.00	22.800	+8.2	9625
88MAY31	0145	208.00	22.820	+8.1	9633
88MAY31	0545	212.00	22.830	+8.1	9638
88MAY31	0945	216.00	22.845	+8.1	9644
88MAY31	1345	220.00	22.860	+8.1	9650
88MAY31	1745	224.00	22.875	+8.1	9656
88MAY31	2145	228.00	22.885	+8.1	9661
88JUN01	0145	232.00	22.900	+8.0	9667
88JUN01	0545	236.00	22.910	+8.0	9671
88JUN01	0945	240.00	22.920	+8.0	9675

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 12-9-2-29-W1M

Element No. 60787

Range (kPa): 20685

IHH: 60454

360 hr Clock #: 2945

Run Depth: 1020.2

Calib. Equation: 420.41

31.46

Calib. Date: 88FEB23

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JUN01	1345	244.00	22.930	+8.0	9679
88JUN01	1745	248.00	22.940	+8.0	9684
88JUN01	2145	252.00	22.955	+8.0	9690
88JUN02	0145	256.00	22.965	+8.0	9694
88JUN02	0545	260.00	22.980	+8.0	9700
88JUN02	0945	264.00	22.990	+7.9	9705
88JUN02	1345	268.00	22.995	+7.9	9707
88JUN02	1745	272.00	23.005	+7.9	9711
88JUN02	2145	276.00	23.010	+7.9	9713
88JUN03	0145	280.00	23.020	+7.9	9717
88JUN03	0545	284.00	23.030	+7.9	9721
88JUN03	0945	288.00	23.035	+7.9	9723
88JUN03	1345	292.00	23.045	+7.9	9728
88JUN03	1745	296.00	23.050	+7.9	9730
88JUN03	2145	300.00	23.060	+7.9	9734
88JUN04	0145	304.00	23.065	+7.9	9736
88JUN04	0545	308.00	23.070	+7.9	9738
88JUN04	0945	312.00	23.075	+7.8	9740
88JUN04	1141	313.93	NOT LEGIBLE-END OF SURVEY		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 12-9-2-29-W1M

Element No. 53531

Range (kPa): 20685

IHH: 57284

360 hr Clock #: 2922

Run Depth: 1022

Calib. Equation: 420.8

10.99

Calib. Date: 88FEB23

Date	Time	Cumulative	Deflection	P-PC	Pressure
88MAY22	0945	0.00	ON BOTTOM-NOT LEGIBLE		
88MAY22	1045	1.00	20.160	+6.6	8501
			APPROXIMATE READING		
88MAY22	1145	2.00	18.755	+7.7	7911
			SWABBING		
88MAY22	1245	3.00	15.300	+9.0	6458
88MAY22	1345	4.00	15.090	+8.9	6370
88MAY22	1445	5.00	14.765	+8.7	6233
88MAY22	1545	6.00	14.540	+8.6	6138
88MAY22	1630	6.75	14.540	+8.6	6138
			SHUT IN		
88MAY22	1645	7.00	15.930	+9.2	6724
			FRICTION BOTTOM RECORDER		
88MAY22	1700	7.25	16.310	+9.4	6884
88MAY22	1715	7.50	16.375	+9.4	6911
88MAY22	1730	7.75	16.690	+9.2	7043
88MAY22	1745	8.00	16.955	+9.0	7155
88MAY22	1800	8.25	17.010	+8.9	7178
88MAY22	1815	8.50	17.040	+8.9	7190
88MAY22	1830	8.75	17.055	+8.9	7197
88MAY22	1845	9.00	17.060	+8.9	7199
88MAY22	1915	9.50	17.025	+8.9	7184
88MAY22	1945	10.00	17.690	+8.4	7463
88MAY22	2015	10.50	17.730	+8.4	7480
88MAY22	2045	11.00	17.785	+8.4	7503
88MAY22	2115	11.50	18.130	+8.1	7648
88MAY22	2145	12.00	18.140	+8.1	7652
88MAY22	2245	13.00	18.530	+7.8	7816
88MAY22	2345	14.00	18.710	+7.7	7892
88MAY23	0045	15.00	18.780	+7.6	7921
88MAY23	0145	16.00	19.005	+7.5	8016
88MAY23	0245	17.00	19.210	+7.3	8102
88MAY23	0345	18.00	19.280	+7.3	8131
88MAY23	0445	19.00	19.250	+7.3	8119
88MAY23	0545	20.00	19.390	+7.2	8177
88MAY23	0645	21.00	19.550	+7.1	8245
88MAY23	0745	22.00	19.655	+7.0	8289
88MAY23	0845	23.00	19.745	+6.9	8327
88MAY23	0945	24.00	19.835	+6.9	8364
88MAY23	1045	25.00	19.930	+6.8	8404

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 12-9-2-29-W1M

Element No. 53531

Range (kPa): 20685

IHM: 57284

360 hr Clock #: 2922

Run Depth: 1022

Calib. Equation: 420.8

10.99

Calib. Date: 88FEB23

Date	Time	Cumulative	Deflection	P-PC	Pressure
88MAY23	1145	26.00	19.995	+6.8	8432
88MAY23	1245	27.00	20.080	+6.7	8467
88MAY23	1345	28.00	20.160	+6.6	8501
88MAY23	1445	29.00	20.215	+6.6	8524
88MAY23	1545	30.00	20.330	+6.5	8572
88MAY23	1645	31.00	20.400	+6.5	8602
88MAY23	1745	32.00	20.435	+6.4	8616
88MAY23	1845	33.00	20.490	+6.4	8640
88MAY23	1945	34.00	20.535	+6.4	8658
88MAY23	2045	35.00	20.605	+6.3	8688
88MAY23	2145	36.00	20.645	+6.3	8705
88MAY23	2245	37.00	20.690	+6.2	8724
88MAY23	2345	38.00	20.740	+6.2	8745
88MAY24	0045	39.00	20.775	+6.2	8759
88MAY24	0145	40.00	20.825	+6.1	8780
88MAY24	0245	41.00	20.870	+6.1	8799
88MAY24	0345	42.00	20.910	+6.1	8816
88MAY24	0445	43.00	20.945	+6.1	8831
88MAY24	0545	44.00	20.985	+6.0	8848
88MAY24	0645	45.00	21.035	+6.0	8869
88MAY24	0745	46.00	21.065	+6.0	8881
88MAY24	0845	47.00	21.080	+6.0	8887
88MAY24	0945	48.00	21.130	+5.9	8908
88MAY24	1145	50.00	21.195	+5.9	8936
88MAY24	1345	52.00	21.250	+5.8	8959
88MAY24	1545	54.00	21.310	+5.8	8984
88MAY24	1745	56.00	21.350	+5.8	9001
88MAY24	1945	58.00	21.390	+5.7	9018
88MAY24	2145	60.00	21.450	+5.7	9043
88MAY24	2345	62.00	21.495	+5.7	9062
88MAY25	0145	64.00	21.530	+5.6	9076
88MAY25	0345	66.00	21.580	+5.6	9097
88MAY25	0545	68.00	21.620	+5.6	9114
88MAY25	0745	70.00	21.670	+5.5	9135
88MAY25	0945	72.00	21.710	+5.5	9152
88MAY25	1145	74.00	21.450	+5.7	9043
88MAY25	1345	76.00	21.780	+5.4	9181
88MAY25	1545	78.00	21.810	+5.4	9194
88MAY25	1745	80.00	21.850	+5.4	9211
88MAY25	1945	82.00	21.880	+5.4	9223

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 12-9-2-29-W1M

Element No. 53531

Range (kPa): 20685

IHM: 57284

360 hr Clock #: 2922

Run Depth: 1022

Calib. Equation: 420.8 10.99

Calib. Date: 88FEB23

Date	Time	Cumulative	Deflection	P-PC	Pressure
88MAY25	2145	84.00	21.905	+5.4	9234
88MAY25	2345	86.00	21.940	+5.3	9249
88MAY26	0145	88.00	21.965	+5.3	9259
88MAY26	0345	90.00	22.000	+5.3	9274
88MAY26	0545	92.00	22.025	+5.3	9284
88MAY26	0745	94.00	22.050	+5.3	9295
88MAY26	0945	96.00	22.075	+5.2	9305
88MAY26	1145	98.00	22.100	+5.2	9316
88MAY26	1345	100.00	22.120	+5.2	9324
88MAY26	1545	102.00	22.150	+5.2	9337
88MAY26	1745	104.00	22.165	+5.2	9343
88MAY26	1945	106.00	22.190	+5.1	9354
88MAY26	2145	108.00	22.210	+5.1	9362
88MAY26	2345	110.00	22.235	+5.1	9373
88MAY27	0145	112.00	22.250	+5.1	9379
88MAY27	0345	114.00	22.270	+5.1	9387
88MAY27	0545	116.00	22.295	+5.1	9398
88MAY27	0745	118.00	22.315	+5.1	9406
88MAY27	0945	120.00	22.330	+5.0	9412
88MAY27	1345	124.00	22.365	+5.0	9427
88MAY27	1745	128.00	22.400	+5.0	9442
88MAY27	2145	132.00	22.425	+5.0	9452
88MAY28	0145	136.00	22.455	+5.0	9465
88MAY28	0545	140.00	22.490	+4.9	9480
88MAY28	0945	144.00	22.510	+4.9	9488
88MAY28	1345	148.00	22.540	+4.9	9501
88MAY28	1445	149.00	22.545	+4.9	9503
			WELL OPENED		
88MAY28	1450	149.08	21.310	+5.8	8984
			SHUT IN		
88MAY28	1500	149.25	21.490	+5.7	9060
88MAY28	1515	149.50	22.260	+5.1	9383
88MAY28	1530	149.75	22.290	+5.1	9396
88MAY28	1545	150.00	22.310	+5.1	9404
88MAY28	1615	150.50	22.370	+5.0	9429
88MAY28	1645	151.00	22.390	+5.0	9438
88MAY28	1715	151.50	22.420	+5.0	9450
88MAY28	1745	152.00	22.440	+5.0	9459
88MAY28	1815	152.50	22.450	+5.0	9463
88MAY28	1845	153.00	22.460	+5.0	9467

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 12-9-2-29-W1M

Element No. 53531

Range (kPa): 20685

IHH: 57284

360 hr Clock #: 2922

Run Depth: 1022

Calib. Equation: 420.8

10.99

Calib. Date: 88FEB23

Date	Time	Cumulative	Deflection	P-PC	Pressure
88MAY28	1915	153.50	22.470	+4.9	9471
88MAY28	1945	154.00	22.485	+4.9	9478
88MAY28	2045	155.00	22.500	+4.9	9484
88MAY28	2145	156.00	22.510	+4.9	9488
88MAY28	2245	157.00	22.520	+4.9	9492
88MAY28	2345	158.00	22.530	+4.9	9497
88MAY29	0045	159.00	22.545	+4.9	9503
88MAY29	0145	160.00	22.560	+4.9	9509
88MAY29	0245	161.00	22.560	+4.9	9509
88MAY29	0345	162.00	22.570	+4.9	9513
88MAY29	0445	163.00	22.580	+4.9	9518
88MAY29	0545	164.00	22.590	+4.9	9522
88MAY29	0645	165.00	22.595	+4.9	9524
88MAY29	0745	166.00	22.600	+4.8	9526
88MAY29	0845	167.00	22.605	+4.8	9528
88MAY29	0945	168.00	22.615	+4.8	9532
88MAY29	1145	170.00	22.620	+4.8	9534
88MAY29	1345	172.00	22.635	+4.8	9541
88MAY29	1545	174.00	22.645	+4.8	9545
88MAY29	1745	176.00	22.650	+4.8	9547
88MAY29	1945	178.00	22.660	+4.8	9551
88MAY29	2145	180.00	22.670	+4.8	9555
88MAY29	2345	182.00	22.680	+4.8	9560
88MAY30	0145	184.00	22.690	+4.8	9564
88MAY30	0345	186.00	22.700	+4.8	9568
88MAY30	0545	188.00	22.710	+4.8	9572
88MAY30	0745	190.00	22.715	+4.8	9574
88MAY30	0945	192.00	22.725	+4.8	9578
88MAY30	1345	196.00	22.740	+4.7	9585
88MAY30	1745	200.00	22.760	+4.7	9593
88MAY30	2145	204.00	22.775	+4.7	9599
88MAY31	0145	208.00	22.790	+4.7	9606
88MAY31	0545	212.00	22.805	+4.7	9612
88MAY31	0945	216.00	22.820	+4.7	9618
88MAY31	1345	220.00	22.835	+4.7	9625
88MAY31	1745	224.00	22.850	+4.7	9631
88MAY31	2145	228.00	22.860	+4.7	9635
88JUN01	0145	232.00	22.875	+4.6	9641
88JUN01	0545	236.00	22.890	+4.6	9648
88JUN01	0945	240.00	22.905	+4.6	9654

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 12-9-2-29-W1M

Element No. 53531

Range (kPa): 20685

IH#: 57284

360 hr Clock #: 2922

Run Depth: 1022

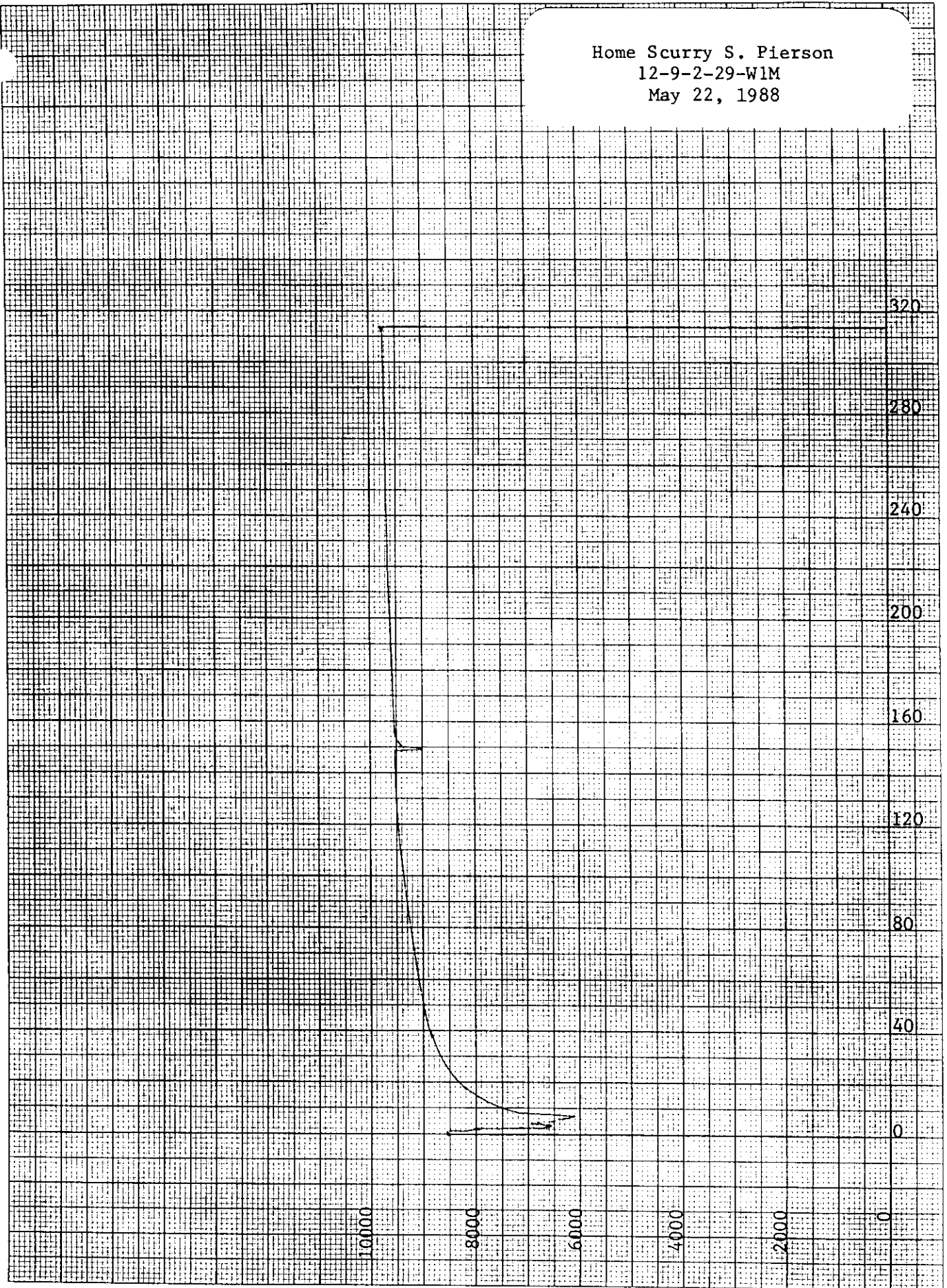
Calib. Equation: 420.8

10.99

Calib. Date: 88FEB23

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JUN01	1345	244.00	22.915	+4.6	9658
88JUN01	1745	248.00	22.930	+4.6	9665
88JUN01	2145	252.00	22.940	+4.6	9669
88JUN02	0145	256.00	22.950	+4.6	9673
88JUN02	0545	260.00	22.965	+4.6	9679
88JUN02	0945	264.00	22.975	+4.6	9683
88JUN02	1345	268.00	22.985	+4.6	9688
88JUN02	1745	272.00	22.995	+4.6	9692
88JUN02	2145	276.00	23.005	+4.6	9696
88JUN03	0145	280.00	23.015	+4.5	9700
88JUN03	0545	284.00	23.030	+4.5	9707
88JUN03	0945	288.00	23.040	+4.5	9711
88JUN03	1345	292.00	23.050	+4.5	9715
88JUN03	1745	296.00	23.060	+4.5	9719
88JUN03	2145	300.00	23.070	+4.5	9723
88JUN04	0145	304.00	23.080	+4.5	9728
88JUN04	0545	308.00	23.090	+4.5	9732
88JUN04	0945	312.00	23.095	+4.5	9734
88JUN04	1141	313.93	NOT LEGIBLE-END OF SURVEY		

Home Scurry S. Pierson
12-9-2-29-W1M
May 22, 1988



MOOSE MOUNTAIN
WELL SERVICES LTD.

COMPANY:HOME OIL COMPANY LIMITED	WELL NAME: HOME SCURRY S. PIERSON
ADDRESS: CALGARY ALBERTA	LOCATION: 12-9-2-29-W1M
FIELD-POOL: PIERSON/SPEARFISH	WELL STATUS: OIL
TYPE OF TEST: STATIC GRADIENT	DATE OF TEST: 88JUN04
PERF/OH INTERVAL: 1022.5-1025.5 KB	PRODUCING THROUGH: TUBING
ELEVATIONS: (GD)473.5 (KB) 477.9	MP PROD. INTER: 1019.6 GD
POOL DATUM:	DATUM DEPTH: (CF)

SHUT IN: 1630 5/22/88	RUN DEPTH TEMP: (C) 44
DWG PRESS: (KPA) T=935 C=3250	ON/OFF BTM: 1339 - 1354

	TOP RECORDER	BOTTOM RECORDER
ELEMENT SERIAL NO:	60787	53531
RUN DEPTH: (MCF)	1020.2	1022
RUN DEPTH PRESS: (KPA)	9755	9725
GRADIENT-RUN DEPTH: (KPA/M)	10.444	10.597
PRESSURE AT MMP: (KPA)	9749	9700
DATUM DEPTH PRESS: (KPA)		

REMARKS: BOTTOM RECORDER DAMAGED - USED TOP RECORDER

Company: HOME OIL COMPANY LIMITED

Location: 12-9-2-29-W1M

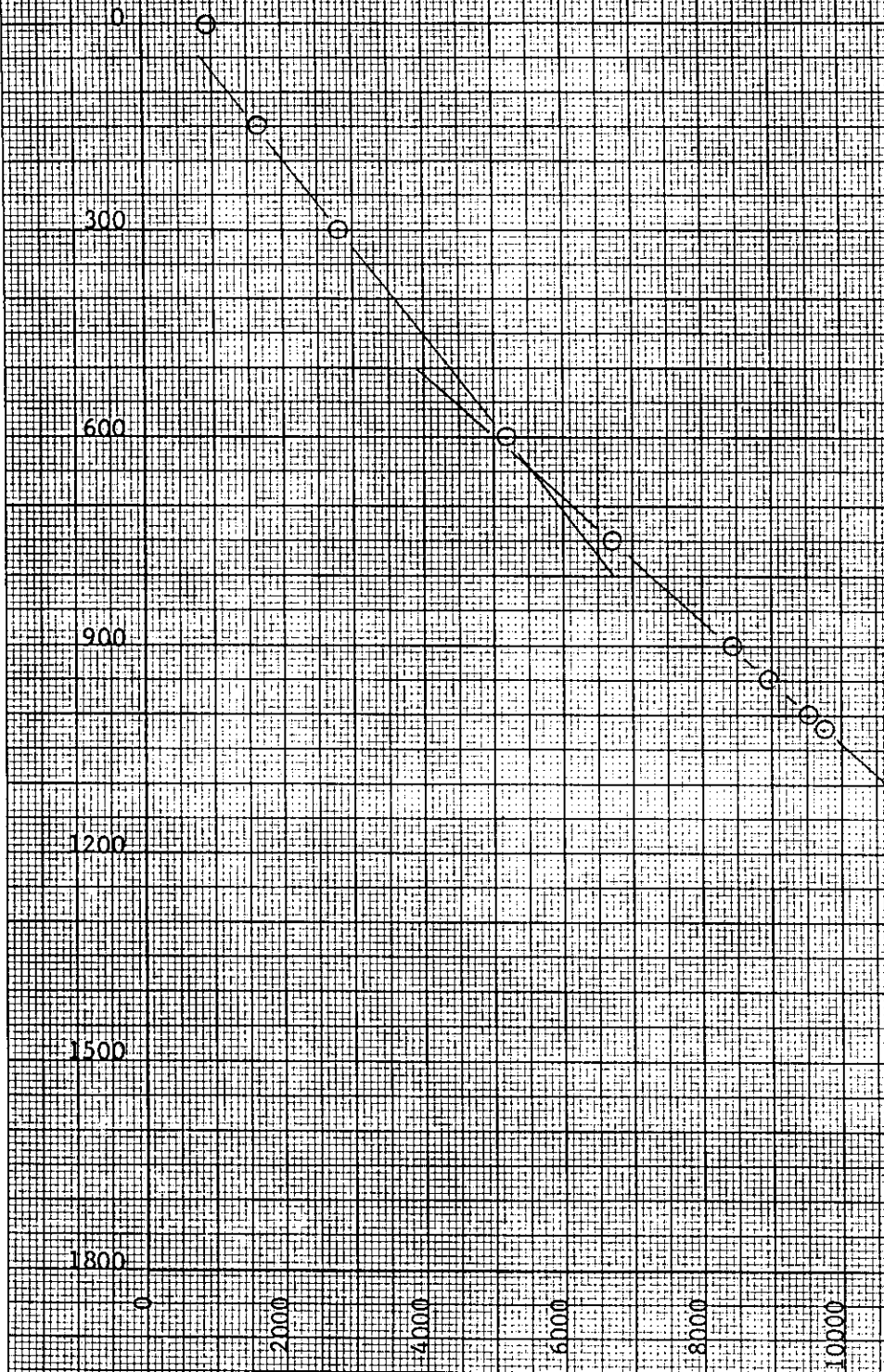
Element #: 60787 Range(kPa): 20685 IHH: 60453 3 hr Clock #: 19513
 Run Date: 88JUN04 Calib. Equation: 420.41 31.46 Calib. Date: 88FEB23

Depth Below cfm	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
-1.80	1230-1237	2.225	-15	951	0.000
-1.80	1242-1247	2.150	-16	919	0.000
148.20	1249-1254	3.814	-4	1631	4.744
298.20	1256-1301	6.605	+16	2824	7.957
598.20	1309-1314	12.222	+21	5191	7.888
748.20	1316-1321	16.090	+16	6812	10.806
898.20	1322-1327	19.980	+11	8443	10.873
948.20	1328-1333	21.252	+10	8976	10.667
998.20	1334-1339	22.562	+8	9525	10.986
1020.20	1339-1354	23.110	+8	9755	10.444
-1.80	1405-1410	2.040	-17	872	8.691

Element #: 53531 Range(kPa): 20685 IHH: 57284 3 hr Clock #: 2492
 Run Date: 88JUN04 Calib. Equation: 420.8 10.99 Calib. Date: 88FEB23

Depth Below cfm	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
0.00	1230-1237	2.217	-6	937	0.000
0.00	1242-1247	2.133	-7	902	0.000
150.00	1249-1254	3.820	-3	1615	4.756
300.00	1256-1301	6.586	+3	2785	7.797
600.00	1309-1314	12.200	+8	5152	7.891
750.00	1316-1321	16.056	+9	6777	10.829
900.00	1322-1327	19.945	+7	8411	10.893
950.00	1328-1333	21.215	+6	8944	10.670
1000.00	1334-1339	22.520	+5	9492	10.964
1022.00	1339-1354	23.075	+5	9725	10.597
0.00	1405-1410	2.010	-7	850	8.684

Home Scurry S. Pierson
12-9-2-29-WIM
June 4, 1988



461510

KES 10 X 10 TO THE CENTIMETER 18 X 25 CM.
KEUFFEL & ESSER CO. MADE IN U.S.A.

LONKAR SERVICES LTD.

S U M M A R Y

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27,1988

WELL NAME : HOME SCURRY S. PIERSON
LOCATION : 6-4-2-29-W1M

ON BOTTOM
START INJECTION
SHUT IN
OFF BOTTOM

APRIL 19-14:50
APRIL 19-15:00
APRIL 20-05:00
CLOCK EXPIRED

REMARKS :

GRADIENT OF 10.88 KPAG/M WAS USED TO EXTRAPOLATE TO MPP.

SURVEY COMPANY : LONKAR SERVICES LTD.

TEST BY : D.K.

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.	WELL NAME : HOME SCURRY S. PIERSON
ADDRESS : CALGARY, ALBERTA.	LOCATION : 6-4-2-29-W1M
FIELD & POOL : PIERSON, MISSISSIPPIAN	STATUS : INJECTION
TYPE OF TEST : FALL-OFF	DATE OF TEST : APRIL 19-27, 1988
PROD. INT CF : 1064.85 to 1068.85	PROD. THROUGH : TUBING
ELEV.(CF) : 471.13 (KB) : 475.28	MID-POINT OF PROD. INT. CF : 1066.85
POOL DATUM :	DATUM DEPTH OF WELL CF:

STATIC TEST

TUBING PRES :	SHUT-IN TIME : APRIL 20-05:00, 1988
CASING PRES :	ON/OFF BOT. : 19/4-14:50 - 27/4-07:40
RUN DEPTH CF : 1047.2	SURFACE TEMP. :
TEMPERATURE AT RUN DEPTH :	C PRES. AT MID-POINT OF PERF. :

NOTE : All above units in metric (Depth in metres cf; Pressure in KPAG)

ELEMENT SERIAL NO. : 68264N	CLOCK RANGE : 180 HOUR
RANGE : 0 - 20684	LATEST CALIBRATION : 24/02/88
CAL. EQU. : 416.31 * Defl. + .38	

COMMENTS	TIME hrs	DEFL mm	----- CALC	PRESSURE KPAG CORR CORRECTED	----- MIDPNT
Depth : 1047.2 m-cf					
- 5:00	0.00	31.360	13055.9	7.8 13063.7	13277.5
APRIL 19-14:50	0.00	31.360	13055.9	7.8 13063.7	13277.5
ON BOTTOM	.17	30.580	12731.1	8.5 12739.6	12953.4
APRIL 19-15:00	0.00	30.580	12731.1	8.5 12739.6	12953.4
START INJECTION	.25	34.390	14317.3	5.4 14322.6	14536.4
- 15:30	.50	36.210	15075.0	3.9 15078.8	15292.6
- 15:45	.75	37.020	15412.2	3.2 15415.4	15629.2
- 16:00	1.00	37.560	15637.0	2.8 15639.8	15853.6
- 16:15	1.25	38.190	15899.2	2.3 15901.5	16115.3
- 16:30	1.50	38.650	16090.7	1.9 16092.6	16306.4
- 16:45	1.75	39.060	16261.4	1.5 16263.0	16476.8
- 17:00	2.00	39.270	16348.9	1.4 16350.2	16564.0
- 17:15	2.25	39.800	16569.5	.9 16570.4	16784.2
- 17:30	2.50	40.010	16656.9	.7 16657.7	16871.5
- 17:45	2.75	40.000	16652.8	.7 16653.5	16867.3
- 18:00	3.00	39.970	16640.3	.8 16641.0	16854.8
- 18:15	3.25	40.260	16761.0	.5 16761.5	16975.3
- 18:30	3.50	40.560	16885.9	.3 16886.2	17100.0
- 18:45	3.75	40.810	16990.0	.1 16990.0	17203.8
- 19:00	4.00	41.090	17106.5	-.2 17106.4	17320.1

REMARKS :

GRADIENT OF 10.88 KPAG/M WAS USED TO EXTRAPOLATE TO MPP.

SURVEY COMPANY : LONKAR SERVICES LTD.

TEST BY : D.K.

INTERPRETATION BY : E. S. KYLE INSTRUMENT LTD.

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27, 1988
DEPTH : 1047.2

WELL NAME : HOME SCURRY S. PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68264N

COMMENTS	TIME hrs	DEFL MM	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
- 19:30	- 4.50	41.560	17302.2	-.6	17301.6	17515.4
- 20:00	- 5.00	41.610	17323.0	-.6	17322.4	17536.2
- 20:30	5.50	41.700	17360.5	-.7	17359.8	17573.6
- 21:00	- 6.00	41.830	17414.6	-.8	17413.8	17627.6
- 21:30	6.50	41.860	17427.1	-.8	17426.3	17640.0
- 22:00	- 7.00	41.850	17422.9	-.8	17422.1	17635.9
- 22:30	7.50	41.940	17460.4	-.9	17459.5	17673.3
- 23:00	- 8.00	41.910	17447.9	-.9	17447.0	17660.8
- 23:30	8.50	41.870	17431.3	-.9	17430.4	17644.2
- 0:00	- 9.00	42.180	17560.3	-1.1	17559.2	17773.0
- 0:30	9.50	42.090	17522.9	-1.0	17521.8	17735.6
- 1:00	- 10.00	42.070	17514.5	-1.0	17513.5	17727.3
- 1:30	10.50	42.090	17522.9	-1.0	17521.8	17735.6
- 2:00	- 11.00	42.090	17522.9	-1.0	17521.8	17735.6
- 2:30	11.50	42.100	17527.0	-1.1	17526.0	17739.8
- 3:00	- 12.00	42.230	17581.1	-1.2	17580.0	17793.8
- 3:30	12.50	42.320	17618.6	-1.2	17617.4	17831.2
- 4:00	- 13.00	42.290	17606.1	-1.2	17604.9	17818.7
- 4:30	13.50	42.340	17626.9	-1.3	17625.7	17839.5
- 5:00	- 14.00	42.380	17643.6	-1.3	17642.3	17856.1
APRIL 20-05:00	0.00	42.380	17643.6	-1.3	17642.3	17856.1
SHUT IN	- .08	39.920	16619.5	.8	16620.3	16834.1
- 5:10	- .17	39.420	16411.3	1.2	16412.5	16626.3
- 5:15	- .25	39.090	16273.9	1.5	16275.4	16489.2
- 5:19	- .33	38.770	16140.7	1.8	16142.5	16356.3
- 5:25	- .42	38.500	16028.3	2.0	16030.3	16244.1
- 5:30	.50	38.170	15890.9	2.3	15893.2	16107.0
- 5:34	.58	37.910	15782.7	2.5	15785.2	15999.0
- 5:40	- .67	37.690	15691.1	2.7	15693.8	15907.6
- 5:45	.75	37.480	15603.7	2.9	15606.5	15820.3
- 5:49	.83	37.310	15532.9	3.0	15535.9	15749.7
- 5:55	- .92	37.110	15449.6	3.2	15452.8	15666.6
- 6:00	- 1.00	36.940	15378.9	3.3	15382.2	15595.9
- 6:04	1.08	36.760	15303.9	3.4	15307.4	15521.2
- 6:10	1.17	36.550	15216.5	3.6	15220.1	15433.9
- 6:15	- 1.25	36.390	15149.9	3.7	15153.6	15367.4
- 6:19	1.33	36.250	15091.6	3.9	15095.5	15309.3
- 6:25	1.42	36.090	15025.0	4.0	15029.0	15242.8
- 6:30	- 1.50	35.970	14975.0	4.1	14979.1	15192.9
- 6:34	1.58	35.850	14925.1	4.2	14929.3	15143.1

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27, 1988
DEPTH : 1047.2

WELL NAME : HOME SCURRY S. PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68264N

COMMENTS	TIME hrs	DEFL mm	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
- 6:40	1.67	35.720	14871.0	4.3	14875.2	15089.0
- 6:45	1.75	35.590	14816.8	4.4	14821.2	15035.0
- 6:49	1.83	35.470	14766.9	4.5	14771.4	14985.2
- 6:55	1.92	35.350	14716.9	4.6	14721.5	14935.3
- 7:00	-2.00	35.240	14671.1	4.7	14675.8	14889.6
- 7:10	2.17	35.000	14571.2	4.9	14576.1	14789.9
- 7:19	2.33	34.790	14483.8	5.0	14488.8	14702.6
- 7:30	-2.50	34.600	14404.7	5.2	14409.9	14623.7
- 8:46	3.77	33.440	13921.8	6.1	13927.9	14141.7
- 8:46	3.77	33.440	13921.8	6.1	13927.9	14141.7
- 8:46	3.77	33.440	13921.8	6.1	13927.9	14141.7
- 8:49	-3.82	33.410	13909.3	6.2	13915.4	14129.2
- 8:55	3.92	33.300	13863.5	6.2	13869.7	14083.5
- 9:00	-4.00	33.230	13834.4	6.3	13840.7	14054.4
- 9:10	4.17	33.100	13780.2	6.4	13786.6	14000.4
- 9:19	4.33	32.970	13726.1	6.5	13732.6	13946.4
- 9:30	-4.50	32.870	13684.5	6.6	13691.1	13904.9
- 9:40	4.67	32.760	13638.7	6.7	13645.4	13859.2
- 9:49	4.83	32.640	13588.7	6.8	13595.5	13809.3
- 10:00	-5.00	32.540	13547.1	6.9	13554.0	13767.8
- 10:10	5.17	32.430	13501.3	7.0	13508.3	13722.1
- 10:19	5.33	32.330	13459.7	7.0	13466.7	13680.5
- 10:30	5.50	32.230	13418.0	7.1	13425.2	13639.0
- 10:40	5.67	32.130	13376.4	7.2	13383.6	13597.4
- 10:49	5.83	32.030	13334.8	7.3	13342.1	13555.9
- 11:00	-6.00	31.960	13305.6	7.3	13313.0	13526.8
- 11:10	6.17	31.870	13268.2	7.4	13275.6	13489.4
- 11:19	6.33	31.790	13234.9	7.5	13242.3	13456.1
- 11:30	6.50	31.710	13201.6	7.5	13209.1	13422.9
- 11:40	6.67	31.630	13168.3	7.6	13175.9	13389.7
- 11:49	6.83	31.570	13143.3	7.7	13150.9	13364.7
- 12:00	-7.00	31.490	13110.0	7.7	13117.7	13331.5
- 12:10	7.17	31.410	13076.7	7.8	13084.4	13298.2
- 12:19	7.33	31.330	13043.4	7.8	13051.2	13265.0
- 12:30	7.50	31.270	13018.4	7.9	13026.3	13240.1
- 12:40	7.67	31.200	12989.2	8.0	12997.2	13211.0
- 12:49	7.83	31.130	12960.1	8.0	12968.1	13181.9
- 13:00	-8.00	31.060	12931.0	8.1	12939.0	13152.8
- 13:10	8.17	30.990	12901.8	8.1	12909.9	13123.7
- 13:19	8.33	30.930	12876.8	8.2	12885.0	13098.8

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27, 1988
DEPTH : 1047.2

WELL NAME : HOME SCURRY S. PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68264N

COMMENTS	TIME hrs	DEFL mm	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
- 13:30	8.50	30.860	12847.7	8.2	12855.9	13069.7
- 13:40	8.67	30.800	12822.7	8.3	12831.0	13044.8
- 13:49	8.83	30.730	12793.6	8.3	12801.9	13015.7
- 14:00	9.00	30.680	12772.8	8.4	12781.1	12994.9
- 14:10	9.17	30.630	12751.9	8.4	12760.4	12974.2
- 14:19	9.33	30.560	12722.8	8.5	12731.3	12945.1
- 14:30	9.50	30.510	12702.0	8.5	12710.5	12924.3
- 14:40	9.67	30.460	12681.2	8.6	12689.7	12903.5
- 14:49	9.83	30.410	12660.4	8.6	12669.0	12882.7
- 15:00	10.00	30.360	12639.5	8.6	12648.2	12862.0
- 15:10	10.17	30.310	12618.7	8.7	12627.4	12841.2
- 15:19	10.33	30.260	12597.9	8.7	12606.6	12820.4
- 15:30	10.50	30.200	12572.9	8.8	12581.7	12795.5
- 15:40	10.67	30.150	12552.1	8.8	12560.9	12774.7
- 15:49	10.83	30.110	12535.5	8.8	12544.3	12758.1
- 16:00	11.00	30.060	12514.6	8.9	12523.5	12737.3
- 16:10	11.17	30.020	12498.0	8.9	12506.9	12720.7
- 16:19	11.33	29.970	12477.2	9.0	12486.1	12699.9
- 16:30	11.50	29.930	12460.5	9.0	12469.5	12683.3
- 16:40	11.67	29.880	12439.7	9.0	12448.7	12662.5
- 16:49	11.83	29.840	12423.1	9.1	12432.1	12645.9
- 17:00	12.00	29.800	12406.4	9.1	12415.5	12629.3
- 17:15	12.25	29.730	12377.3	9.1	12386.4	12600.2
- 17:30	12.50	29.680	12356.5	9.2	12365.6	12579.4
- 17:45	12.75	29.620	12331.5	9.2	12340.7	12554.5
- 18:00	13.00	29.560	12306.5	9.3	12315.8	12529.6
- 18:15	13.25	29.510	12285.7	9.3	12295.0	12508.8
- 18:30	13.50	29.450	12260.7	9.4	12270.1	12483.9
- 18:45	13.75	29.400	12239.9	9.4	12249.3	12463.1
- 19:00	14.00	29.350	12219.1	9.5	12228.5	12442.3
- 19:15	14.25	29.300	12198.3	9.5	12207.7	12421.5
- 19:30	14.50	29.250	12177.4	9.5	12187.0	12400.8
- 19:45	14.75	29.200	12156.6	9.6	12166.2	12380.0
- 20:00	15.00	29.150	12135.8	9.6	12145.4	12359.2
- 20:15	15.25	29.100	12115.0	9.7	12124.6	12338.4
- 20:30	15.50	29.050	12094.2	9.7	12103.9	12317.7
- 20:45	15.75	29.010	12077.5	9.7	12087.3	12301.0
- 21:00	16.00	28.980	12065.0	9.8	12074.8	12288.6
- 21:30	16.50	28.890	12027.6	9.8	12037.4	12251.2
- 22:00	17.00	28.810	11994.3	9.9	12004.2	12217.9

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27, 1988
DEPTH : 1047.2

WELL NAME : HOME SCURRY S. PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68264N

COMMENTS	TIME hrs	DEFL MM	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
- 22:30	17.50	28.740	11965.1	9.8	11974.9	12188.7
- 23:00	18.00	28.660	11931.8	9.7	11941.5	12155.3
- 23:30	18.50	28.590	11902.7	9.6	11912.3	12126.1
- 0:00	19.00	28.530	11877.7	9.6	11887.3	12101.1
- 0:30	19.50	28.460	11848.6	9.5	11858.0	12071.8
- 1:00	20.00	28.400	11823.6	9.4	11833.0	12046.8
- 1:30	20.50	28.330	11794.4	9.3	11803.8	12017.5
- 2:00	21.00	28.280	11773.6	9.3	11782.9	11996.7
- 2:30	21.50	28.220	11748.6	9.2	11757.8	11971.6
- 3:00	22.00	28.170	11727.8	9.1	11737.0	11950.7
- 3:30	22.50	28.120	11707.0	9.1	11716.1	11929.9
- 4:00	23.00	28.070	11686.2	9.0	11695.2	11909.0
- 4:30	23.50	28.020	11665.4	8.9	11674.3	11888.1
- 5:00	24.00	27.980	11648.7	8.9	11657.6	11871.4
- 6:00	25.00	27.890	11611.3	8.8	11620.0	11833.8
- 7:00	26.00	27.810	11578.0	8.7	11586.6	11800.4
- 8:00	27.00	27.730	11544.6	8.6	11553.2	11767.0
- 9:00	28.00	27.650	11511.3	8.5	11519.8	11733.6
- 10:00	29.00	27.580	11482.2	8.4	11490.6	11704.4
- 11:00	30.00	27.520	11457.2	8.3	11465.6	11679.3
- 12:00	31.00	27.460	11432.2	8.3	11440.5	11654.3
- 13:00	32.00	27.400	11407.3	8.2	11415.4	11629.2
- 14:00	33.00	27.350	11386.4	8.1	11394.6	11608.4
- 15:00	34.00	27.300	11365.6	8.1	11373.7	11587.5
- 16:00	35.00	27.250	11344.8	8.0	11352.8	11566.6
- 17:00	36.00	27.200	11324.0	7.9	11331.9	11545.7
- 18:00	37.00	27.150	11303.2	7.9	11311.1	11524.9
- 19:00	38.00	27.110	11286.5	7.8	11294.4	11508.2
- 20:00	39.00	27.070	11269.9	7.8	11277.7	11491.5
- 21:00	40.00	27.030	11253.2	7.7	11261.0	11474.8
- 22:00	41.00	26.990	11236.6	7.7	11244.3	11458.1
- 23:00	42.00	26.960	11224.1	7.6	11231.7	11445.5
- 0:00	43.00	26.920	11207.4	7.6	11215.0	11428.8
- 1:00	44.00	26.890	11194.9	7.6	11202.5	11416.3
- 2:00	45.00	26.860	11182.5	7.5	11190.0	11403.8
- 3:00	46.00	26.830	11170.0	7.5	11177.5	11391.2
- 4:00	47.00	26.800	11157.5	7.4	11164.9	11378.7
- 5:00	48.00	26.770	11145.0	7.4	11152.4	11366.2
- 6:00	49.00	26.750	11136.7	7.4	11144.1	11357.8
- 7:00	50.00	26.720	11124.2	7.3	11131.5	11345.3

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27, 1988
DEPTH : 1047.2

WELL NAME : HOME SCURRY S. PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68264N

COMMENTS	TIME hrs	DEFL mm	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
- 8:00	51.00	26.690	11111.7	7.3	11119.0	11332.8
- 9:00	52.00	26.670	11103.4	7.3	11110.6	11324.4
- 10:00	53.00	26.650	11095.0	7.3	11102.3	11316.1
- 11:00	54.00	26.630	11086.7	7.2	11093.9	11307.7
- 12:00	55.00	26.610	11078.4	7.2	11085.6	11299.4
- 13:00	56.00	26.580	11065.9	7.2	11073.1	11286.9
- 14:00	57.00	26.560	11057.6	7.2	11064.7	11278.5
- 15:00	58.00	26.550	11053.4	7.1	11060.5	11274.3
- 16:00	59.00	26.530	11045.1	7.1	11052.2	11266.0
- 17:00	60.00	26.510	11036.7	7.1	11043.8	11257.6
- 18:00	61.00	26.500	11032.6	7.1	11039.7	11253.5
- 19:00	62.00	26.480	11024.3	7.1	11031.3	11245.1
- 20:00	63.00	26.460	11015.9	7.0	11023.0	11236.8
- 21:00	64.00	26.440	11007.6	7.0	11014.6	11228.4
- 22:00	65.00	26.430	11003.4	7.0	11010.4	11224.2
- 23:00	66.00	26.420	10999.3	7.0	11006.3	11220.1
- 0:00	67.00	26.400	10991.0	7.0	10997.9	11211.7
- 1:00	68.00	26.390	10986.8	6.9	10993.7	11207.5
- 2:00	69.00	26.370	10978.5	6.9	10985.4	11199.2
- 3:00	70.00	26.360	10974.3	6.9	10981.2	11195.0
- 4:00	71.00	26.340	10966.0	6.9	10972.9	11186.7
- 5:00	72.00	26.330	10961.8	6.9	10968.7	11182.5
- 7:00	74.00	26.310	10953.5	6.8	10960.3	11174.1
- 9:00	76.00	26.280	10941.0	6.8	10947.8	11161.6
- 11:00	78.00	26.260	10932.7	6.8	10939.5	11153.2
- 13:00	80.00	26.240	10924.3	6.8	10931.1	11144.9
- 15:00	82.00	26.220	10916.0	6.7	10922.8	11136.5
- 17:00	84.00	26.200	10907.7	6.7	10914.4	11128.2
- 19:00	86.00	26.180	10899.4	6.7	10906.1	11119.8
- 21:00	88.00	26.170	10895.2	6.7	10901.9	11115.7
- 23:00	90.00	26.160	10891.0	6.7	10897.7	11111.5
- 1:00	92.00	26.150	10886.9	6.6	10893.5	11107.3
- 3:00	94.00	26.130	10878.6	6.6	10885.2	11099.0
- 5:00	96.00	26.110	10870.2	6.6	10876.8	11090.6
- 9:00	100.00	26.090	10861.9	6.6	10868.5	11082.3
- 13:00	104.00	26.070	10853.6	6.6	10860.1	11073.9
- 17:00	108.00	26.040	10841.1	6.5	10847.6	11061.4
- 21:00	112.00	26.020	10832.8	6.5	10839.2	11053.0
- 1:00	116.00	26.010	10828.6	6.5	10835.1	11048.9
- 5:00	120.00	26.000	10824.4	6.5	10830.9	11044.7

LONKAR SERVICES LTD.

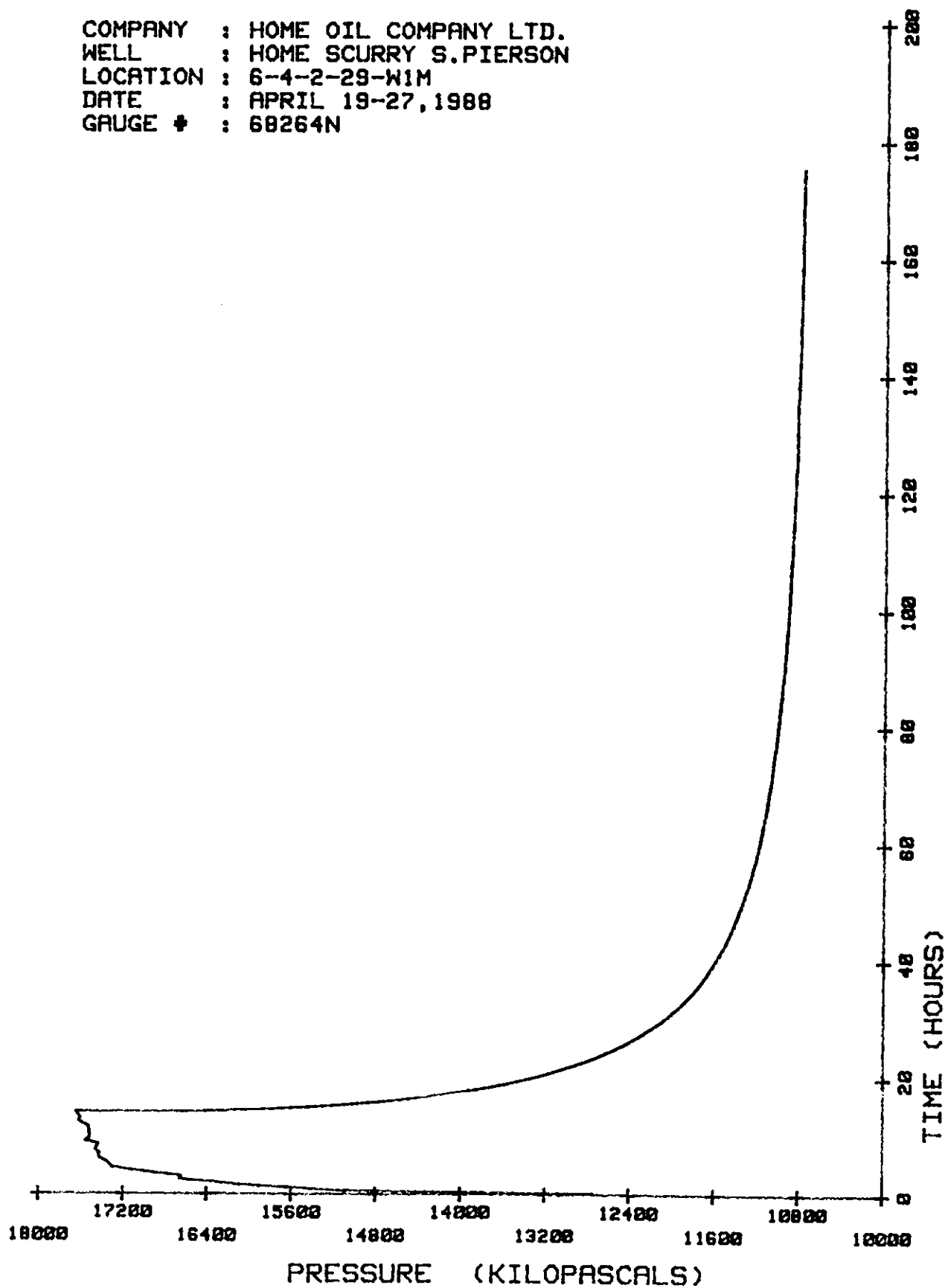
SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27, 1988
DEPTH : 1047.2

WELL NAME : HOME SCURRY S. PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68264N

COMMENTS	TIME hrs	DEFL mm	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
- 9:00	124.00	25.980	10816.1	6.4	10822.5	11036.3
- 13:00	128.00	25.960	10807.8	6.4	10814.2	11028.0
- 17:00	132.00	25.950	10803.6	6.4	10810.0	11023.8
- 21:00	136.00	25.940	10799.5	6.4	10805.8	11019.6
- 1:00	140.00	25.930	10795.3	6.4	10801.7	11015.5
- 5:00	144.00	25.920	10791.1	6.4	10797.5	11011.3
- 9:00	148.00	25.910	10787.0	6.4	10793.3	11007.1
- 13:00	152.00	25.900	10782.8	6.3	10789.1	11002.9
- 17:00	156.00	25.890	10778.6	6.3	10785.0	10998.8
- 21:00	160.00	25.880	10774.5	6.3	10780.8	10994.6
CLOCK EXPIRED	161.21	25.870	10770.3	6.3	10776.6	10990.4
OFF BOTTOM	0.00	25.870	10770.3	6.3	10776.6	10990.4

COMPANY : HOME OIL COMPANY LTD.
WELL : HOME SCURRY S. PIERSON
LOCATION : 6-4-2-29-W1M
DATE : APRIL 19-27, 1988
GAUGE # : 68264N



LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD. WELL NAME : HOME SCURRY S. PIERSON
 ADDRESS : CALGARY, ALBERTA. LOCATION : 6-4-2-29-W1M
 FIELD & POOL : PIERSON, MISSISSIPPIAN STATUS : INJECTION
 TYPE OF TEST : FALL-OFF DATE OF TEST : APRIL 19-27, 1988
 PROD. INT CF : 1064.85 to 1068.85 PROD. THROUGH : TUBING
 ELEV. (CF) : 471.13 (KB) : 475.28 MID-POINT OF PROD. INT. CF : 1066.85
 POOL DATUM : DATUM DEPTH OF WELL CF :

STATIC TEST

TUBING PRES : SHUT-IN TIME : APRIL 20-05:00, 1988
 CASING PRES : ON/OFF BOT. : 19/4-14:50 - 27/4-07:40
 RUN DEPTH CF : 1049.0 SURFACE TEMP. :
 TEMPERATURE AT RUN DEPTH : C PRES. AT MID-POINT OF PERF. :

NOTE : All above units in metric (Depth in metres cf; Pressure in KPAG)

ELEMENT SERIAL NO. : 68265N
 RANGE : 0 - 20684
 CAL. EQU. : $416.12 \times \text{Defl.} + 12.33$ CLOCK RANGE : 180 HOUR
 LATEST CALIBRATION : 24/02/88

COMMENTS	TIME hrs	DEFL mm	PRESSURE KPAG			
			----- CALC	CORR	CORRECTED	MIDPNT
Depth : 1049.0 m-cf						
APRIL 19-14:50	0.00	31.340	13053.5	10.1	13063.6	13257.8
ON BOTTOM	.17	30.600	12745.5	11.0	12756.5	12950.7
APRIL 19-15:00	0.00	30.600	12745.5	11.0	12756.5	12950.7
START INJECTION	.25	34.530	14380.9	6.5	14387.4	14581.6
- 15:30	.50	36.150	15055.0	4.6	15059.7	15253.9
- 15:45	.75	36.960	15392.1	3.7	15395.8	15590.0
- 16:00	1.00	37.580	15650.1	3.0	15653.1	15847.3
- 16:15	1.25	38.240	15924.7	2.3	15927.0	16121.2
- 16:30	1.50	38.760	16141.1	1.5	16142.6	16336.8
- 16:45	1.75	39.040	16257.6	1.1	16258.7	16452.9
- 17:00	2.00	39.200	16324.2	.8	16325.0	16519.2
- 17:15	2.25	39.880	16607.1	-.3	16606.8	16801.0
- 17:30	2.50	39.960	16640.4	-.4	16640.0	16834.2
- 17:45	2.75	40.060	16682.0	-.6	16681.5	16875.7
- 18:00	3.00	40.000	16657.1	-.5	16656.6	16850.8
- 18:15	3.25	40.160	16723.6	-.7	16722.9	16917.1
- 18:30	3.50	40.610	16910.9	-1.5	16909.4	17103.6
- 18:45	3.75	40.760	16973.3	-1.7	16971.6	17165.8
- 19:00	4.00	41.090	17110.6	-2.2	17108.4	17302.6
- 19:15	4.25	41.330	17210.5	-2.6	17207.9	17402.1

REMARKS :

GRADIENT OF 10.88 KPAG/M WAS USED TO EXTRAPOLATE TO MPP.

SURVEY COMPANY : LONKAR SERVICES LTD.

TEST BY : D.K.

INTERPRETATION BY : E. S. KYLE INSTRUMENT LTD.

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27,1988
DEPTH : 1049.0

WELL NAME : HOME SCURRY S.PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68265N

COMMENTS	TIME hrs	DEFL mm	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
- 19:30	4.50	41.610	17327.0	-3.1	17323.9	17518.1
- 19:45	4.75	41.490	17277.1	-2.9	17274.2	17468.4
- 20:00	5.00	41.520	17289.6	-2.9	17286.6	17480.8
- 20:15	5.25	41.520	17289.6	-2.9	17286.6	17480.8
- 20:30	5.50	41.640	17339.5	-3.1	17336.4	17530.6
- 20:45	5.75	41.720	17372.8	-3.3	17369.5	17563.7
- 21:00	6.00	41.730	17376.9	-3.3	17373.7	17567.9
- 21:15	6.25	41.750	17385.3	-3.3	17382.0	17576.2
- 21:30	6.50	41.770	17393.6	-3.3	17390.3	17584.5
- 21:45	6.75	41.810	17410.2	-3.4	17406.8	17601.0
- 22:00	7.00	41.850	17426.9	-3.5	17423.4	17617.6
- 22:15	7.25	41.870	17435.2	-3.5	17431.7	17625.9
- 22:30	7.50	41.890	17443.5	-3.5	17440.0	17634.2
- 22:45	7.75	41.890	17443.5	-3.5	17440.0	17634.2
- 23:00	8.00	41.850	17426.9	-3.5	17423.4	17617.6
- 23:15	8.25	41.830	17418.6	-3.4	17415.1	17609.3
- 23:30	8.50	41.800	17406.1	-3.4	17402.7	17596.9
- 23:45	8.75	41.880	17439.4	-3.5	17435.9	17630.1
- 0:00	9.00	42.040	17505.9	-3.8	17502.2	17696.4
- 0:15	9.25	42.240	17589.2	-4.1	17585.1	17779.3
- 0:30	9.50	42.080	17522.6	-3.8	17518.8	17713.0
- 0:45	9.75	42.000	17489.3	-3.7	17485.6	17679.8
- 1:00	10.00	41.990	17485.1	-3.7	17481.5	17675.7
- 1:15	10.25	41.990	17485.1	-3.7	17481.5	17675.7
- 1:30	10.50	42.000	17489.3	-3.7	17485.6	17679.8
- 1:45	10.75	42.010	17493.5	-3.7	17489.7	17683.9
- 2:00	11.00	42.010	17493.5	-3.7	17489.7	17683.9
- 2:15	11.25	42.020	17497.6	-3.7	17493.9	17688.1
- 2:30	11.50	42.020	17497.6	-3.7	17493.9	17688.1
- 2:45	11.75	41.970	17476.8	-3.7	17473.2	17667.4
- 3:00	12.00	42.130	17543.4	-3.9	17539.5	17733.7
- 3:15	12.25	42.380	17647.4	-4.3	17643.1	17837.3
- 3:30	12.50	42.320	17622.5	-4.2	17618.2	17812.4
- 3:45	12.75	42.250	17593.3	-4.1	17589.2	17783.4
- 4:00	13.00	42.230	17585.0	-4.1	17580.9	17775.1
- 4:15	13.25	42.230	17585.0	-4.1	17580.9	17775.1
- 4:30	13.50	42.300	17614.1	-4.2	17609.9	17804.2
- 4:45	13.75	42.330	17626.6	-4.2	17622.4	17816.6
- 5:00	14.00	42.340	17630.8	-4.3	17626.5	17820.7
APRIL 20-05:00	0.00	42.340	17630.8	-4.3	17626.5	17820.7

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27,1988
DEPTH : 1049.0

WELL NAME : HOME SCURRY S. PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68265N

COMMENTS	TIME hrs	DEFL mm	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
SHUT IN	.08	37.970	15812.3	2.6	15814.9	16009.1
- 5:10	.17	37.900	15783.2	2.7	15785.9	15980.1
- 5:15	.25	37.890	15779.1	2.7	15781.7	15975.9
- 5:19	.33	37.860	15766.6	2.7	15769.3	15963.5
- 5:25	.42	37.780	15733.3	2.8	15736.1	15930.3
- 5:30	.50	37.620	15666.7	3.0	15669.7	15863.9
- 5:34	.58	37.540	15633.4	3.1	15636.5	15830.7
- 5:40	.67	37.480	15608.4	3.1	15611.6	15805.8
- 5:45	.75	37.300	15533.5	3.3	15536.9	15731.1
- 5:49	.83	37.070	15437.8	3.6	15441.4	15635.6
- 5:55	.92	36.940	15383.7	3.7	15387.5	15581.7
- 6:00	1.00	36.780	15317.2	3.9	15321.1	15515.3
- 6:04	1.08	36.620	15250.6	4.1	15254.7	15448.9
- 6:10	1.17	36.460	15184.0	4.3	15188.3	15382.5
- 6:15	1.25	36.330	15129.9	4.4	15134.4	15328.6
- 6:19	1.33	36.190	15071.7	4.6	15076.3	15270.5
- 6:25	1.42	36.040	15009.2	4.8	15014.0	15208.2
- 6:30	1.50	35.890	14946.8	4.9	14951.8	15146.0
- 6:34	1.58	35.770	14896.9	5.1	14902.0	15096.2
- 6:40	1.67	35.650	14846.9	5.2	14852.2	15046.4
- 6:45	1.75	35.530	14797.0	5.4	14802.4	14996.6
- 6:49	1.83	35.400	14742.9	5.5	14748.4	14942.6
- 6:55	1.92	35.280	14693.0	5.6	14698.6	14892.8
- 7:00	2.00	35.170	14647.2	5.8	14653.0	14847.2
- 7:04	2.08	35.060	14601.4	5.9	14607.3	14801.5
- 7:10	2.17	34.960	14559.8	6.0	14565.8	14760.0
- 7:15	2.25	34.860	14518.2	6.1	14524.3	14718.5
- 7:19	2.33	34.760	14476.6	6.2	14482.8	14677.0
- 7:25	2.42	34.670	14439.2	6.3	14445.5	14639.7
- 7:30	2.50	34.580	14401.7	6.4	14408.1	14602.3
- 7:40	2.67	34.380	14318.5	6.7	14325.1	14519.3
- 7:49	2.83	34.220	14251.9	6.8	14258.7	14452.9
- 8:00	3.00	34.080	14193.6	7.0	14200.6	14394.9
- 8:10	3.17	33.930	14131.2	7.2	14138.4	14332.6
- 8:19	3.33	33.780	14068.8	7.3	14076.1	14270.4
- 8:30	3.50	33.660	14018.9	7.5	14026.4	14220.6
- 8:40	3.67	33.500	13952.3	7.7	13960.0	14154.2
- 8:49	3.83	33.380	13902.4	7.8	13910.2	14104.4
- 9:00	4.00	33.270	13856.6	7.9	13864.5	14058.7
- 9:10	4.17	33.140	13802.5	8.1	13810.6	14004.8

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27,1988
DEPTH : 1049.0

WELL NAME : HOME SCURRY S.PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68265N

COMMENTS	TIME hrs	DEFL mm	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
- 9:19	4.33	33.010	13748.4	8.2	13756.6	13950.8
- 9:30	4.50	32.890	13698.5	8.4	13706.8	13901.0
- 9:40	4.67	32.780	13652.7	8.5	13661.2	13855.4
- 9:49	4.83	32.670	13606.9	8.6	13615.5	13809.7
- 10:00	5.00	32.560	13561.1	8.7	13569.9	13764.1
- 10:10	5.17	32.460	13519.5	8.8	13528.4	13722.6
- 10:19	5.33	32.360	13477.9	9.0	13486.9	13681.1
- 10:30	5.50	32.260	13436.3	9.1	13445.4	13639.6
- 10:40	5.67	32.160	13394.7	9.2	13403.9	13598.1
- 10:49	5.83	32.070	13357.2	9.3	13366.5	13560.7
- 11:00	6.00	32.000	13328.1	9.4	13337.5	13531.7
- 11:10	6.17	31.890	13282.3	9.5	13291.8	13486.0
- 11:19	6.33	31.830	13257.4	9.6	13266.9	13461.1
- 11:30	6.50	31.740	13219.9	9.7	13229.6	13423.8
- 11:40	6.67	31.660	13186.6	9.8	13196.4	13390.6
- 11:49	6.83	31.590	13157.5	9.8	13167.3	13361.5
- 12:00	7.00	31.510	13124.2	9.9	13134.1	13328.4
- 12:10	7.17	31.450	13099.2	10.0	13109.2	13303.5
- 12:19	7.33	31.370	13066.0	10.1	13076.0	13270.3
- 12:30	7.50	31.310	13041.0	10.2	13051.1	13245.4
- 12:40	7.67	31.240	13011.9	10.2	13022.1	13216.3
- 12:49	7.83	31.170	12982.7	10.3	12993.0	13187.3
- 13:00	8.00	31.100	12953.6	10.4	12964.0	13158.2
- 13:10	8.17	31.040	12928.6	10.5	12939.1	13133.3
- 13:19	8.33	30.970	12899.5	10.5	12910.1	13104.3
- 13:30	8.50	30.920	12878.7	10.6	12889.3	13083.5
- 13:40	8.67	30.840	12845.4	10.7	12856.1	13050.3
- 13:49	8.83	30.790	12824.6	10.7	12835.4	13029.6
- 14:00	9.00	30.730	12799.6	10.8	12810.5	13004.7
- 14:10	9.17	30.680	12778.8	10.9	12789.7	12983.9
- 14:19	9.33	30.610	12749.7	10.9	12760.7	12954.9
- 14:30	9.50	30.570	12733.1	11.0	12744.1	12938.3
- 14:40	9.67	30.520	12712.3	11.1	12723.3	12917.5
- 14:49	9.83	30.460	12687.3	11.1	12698.4	12892.6
- 15:00	10.00	30.410	12666.5	11.2	12677.7	12871.9
- 15:10	10.17	30.360	12645.7	11.2	12656.9	12851.1
- 15:19	10.33	30.310	12624.9	11.3	12636.2	12830.4
- 15:30	10.50	30.260	12604.1	11.3	12615.4	12809.6
- 15:40	10.67	30.220	12587.4	11.4	12598.8	12793.0
- 15:49	10.83	30.170	12566.6	11.5	12578.1	12772.3

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27, 1988
DEPTH : 1049.0

WELL NAME : HOME SCURRY S. PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68265N

COMMENTS	TIME hrs	DEFL mm	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
- 16:00	11.00	30.130	12550.0	11.5	12561.5	12755.7
- 16:10	11.17	30.080	12529.2	11.6	12540.7	12734.9
- 16:19	11.33	30.040	12512.5	11.6	12524.1	12718.3
- 16:30	11.50	29.990	12491.7	11.7	12503.4	12697.6
- 16:40	11.67	29.960	12479.2	11.7	12490.9	12685.1
- 16:49	11.83	29.910	12458.4	11.7	12470.2	12664.4
- 17:00	12.00	29.870	12441.8	11.8	12453.6	12647.8
- 17:15	12.25	29.810	12416.8	11.9	12428.7	12622.9
- 17:30	12.50	29.750	12391.8	11.9	12403.8	12598.0
- 17:45	12.75	29.700	12371.0	12.0	12383.0	12577.2
- 18:00	13.00	29.640	12346.1	12.1	12358.1	12552.3
- 18:15	13.25	29.590	12325.3	12.1	12337.4	12531.6
- 18:30	13.50	29.530	12300.3	12.2	12312.5	12506.7
- 18:45	13.75	29.480	12279.5	12.2	12291.7	12485.9
- 19:00	14.00	29.420	12254.5	12.3	12266.8	12461.0
- 19:15	14.25	29.370	12233.7	12.4	12246.1	12440.3
- 19:30	14.50	29.320	12212.9	12.4	12225.3	12419.5
- 19:45	14.75	29.270	12192.1	12.5	12204.6	12398.8
- 20:00	15.00	29.230	12175.5	12.5	12188.0	12382.2
- 20:15	15.25	29.180	12154.7	12.6	12167.2	12361.4
- 20:30	15.50	29.140	12138.0	12.6	12150.6	12344.8
- 20:45	15.75	29.100	12121.4	12.7	12134.0	12328.2
- 21:00	16.00	29.050	12100.6	12.7	12113.3	12307.5
- 21:30	16.50	28.970	12067.3	12.8	12080.1	12274.3
- 22:00	17.00	28.890	12034.0	12.9	12046.9	12241.1
- 22:30	17.50	28.810	12000.7	13.0	12013.7	12207.9
- 23:00	18.00	28.740	11971.6	13.0	11984.6	12178.8
- 23:30	18.50	28.670	11942.4	13.0	11955.4	12149.6
- 0:00	19.00	28.600	11913.3	13.0	11926.3	12120.5
- 0:30	19.50	28.530	11884.2	12.9	11897.1	12091.3
- 1:00	20.00	28.470	11859.2	12.9	11872.1	12066.3
- 1:30	20.50	28.410	11834.2	12.9	11847.1	12041.4
- 2:00	21.00	28.350	11809.3	12.9	11822.2	12016.4
- 2:30	21.50	28.290	11784.3	12.9	11797.2	11991.4
- 3:00	22.00	28.240	11763.5	12.8	11776.3	11970.6
- 3:30	22.50	28.190	11742.7	12.8	11755.5	11949.7
- 4:00	23.00	28.140	11721.9	12.8	11734.7	11928.9
- 4:30	23.50	28.090	11701.1	12.8	11713.9	11908.1
- 5:00	24.00	28.040	11680.3	12.8	11693.0	11887.3
- 5:30	24.50	27.990	11659.5	12.7	11672.2	11866.4

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27,1988
DEPTH : 1049.0

WELL NAME : HOME SCURRY S.PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68265N

COMMENTS	TIME hrs	DEFL mm	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
- 6:00	25.00	27.950	11642.8	12.7	11655.6	11849.8
- 6:30	25.50	27.910	11626.2	12.7	11638.9	11833.1
- 7:00	26.00	27.860	11605.4	12.7	11618.1	11812.3
- 8:00	27.00	27.780	11572.1	12.7	11584.8	11779.0
- 9:00	28.00	27.700	11538.8	12.6	11551.4	11745.6
- 10:00	29.00	27.640	11513.8	12.6	11526.4	11720.7
- 11:00	30.00	27.580	11488.9	12.6	11501.5	11695.7
- 12:00	31.00	27.510	11459.7	12.6	11472.3	11666.5
- 13:00	32.00	27.460	11438.9	12.5	11451.5	11645.7
- 14:00	33.00	27.410	11418.1	12.5	11430.7	11624.9
- 15:00	34.00	27.360	11397.3	12.5	11409.8	11604.0
- 16:00	35.00	27.310	11376.5	12.5	11389.0	11583.2
- 17:00	36.00	27.260	11355.7	12.5	11368.2	11562.4
- 18:00	37.00	27.220	11339.1	12.5	11351.5	11545.7
- 19:00	38.00	27.170	11318.3	12.4	11330.7	11524.9
- 20:00	39.00	27.130	11301.6	12.4	11314.0	11508.2
- 21:00	40.00	27.090	11285.0	12.4	11297.4	11491.6
- 22:00	41.00	27.060	11272.5	12.4	11284.9	11479.1
- 23:00	42.00	27.020	11255.8	12.4	11268.2	11462.4
- 0:00	43.00	26.990	11243.4	12.4	11255.7	11449.9
- 1:00	44.00	26.950	11226.7	12.4	11239.1	11433.3
- 2:00	45.00	26.920	11214.2	12.3	11226.6	11420.8
- 3:00	46.00	26.880	11197.6	12.3	11209.9	11404.1
- 4:00	47.00	26.860	11189.3	12.3	11201.6	11395.8
- 5:00	48.00	26.820	11172.6	12.3	11184.9	11379.1
- 6:00	49.00	26.800	11164.3	12.3	11176.6	11370.8
- 7:00	50.00	26.770	11151.8	12.3	11164.1	11358.3
- 8:00	51.00	26.740	11139.3	12.3	11151.6	11345.8
- 9:00	52.00	26.720	11131.0	12.3	11143.3	11337.5
- 10:00	53.00	26.690	11118.5	12.3	11130.8	11325.0
- 11:00	54.00	26.670	11110.2	12.2	11122.4	11316.7
- 12:00	55.00	26.640	11097.7	12.2	11110.0	11304.2
- 13:00	56.00	26.620	11089.4	12.2	11101.6	11295.8
- 14:00	57.00	26.600	11081.1	12.2	11093.3	11287.5
- 15:00	58.00	26.580	11072.8	12.2	11085.0	11279.2
- 16:00	59.00	26.570	11068.6	12.2	11080.8	11275.0
- 17:00	60.00	26.550	11060.3	12.2	11072.5	11266.7
- 18:00	61.00	26.530	11051.9	12.2	11064.1	11258.3
- 19:00	62.00	26.510	11043.6	12.2	11055.8	11250.0
- 20:00	63.00	26.500	11039.5	12.2	11051.6	11245.9

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
 DATE OF TEST : APRIL 19-27,1988
 DEPTH : 1049.0

WELL NAME : HOME SCURRY S.PIERSON
 LOCATION : 6-4-2-29-W1M
 SERIAL NO. : 68265N

COMMENTS	TIME hrs	DEFL mm	----- CALC	PRESSURE KPAG CORR	----- CORRECTED	----- MIDPNT
- 21:00	64.00	26.480	11031.1	12.2	11043.3	11237.5
- 22:00	65.00	26.460	11022.8	12.2	11035.0	11229.2
- 23:00	66.00	26.450	11018.7	12.2	11030.8	11225.0
- 0:00	67.00	26.440	11014.5	12.2	11026.7	11220.9
- 1:00	68.00	26.420	11006.2	12.2	11018.3	11212.5
- 2:00	69.00	26.410	11002.0	12.1	11014.2	11208.4
- 3:00	70.00	26.400	10997.9	12.1	11010.0	11204.2
- 4:00	71.00	26.390	10993.7	12.1	11005.8	11200.0
- 5:00	72.00	26.380	10989.5	12.1	11001.7	11195.9
- 6:00	73.00	26.370	10985.4	12.1	10997.5	11191.7
- 7:00	74.00	26.350	10977.0	12.1	10989.2	11183.4
- 8:00	75.00	26.340	10972.9	12.1	10985.0	11179.2
- 9:00	76.00	26.330	10968.7	12.1	10980.8	11175.0
- 11:00	78.00	26.310	10960.4	12.1	10972.5	11166.7
- 13:00	80.00	26.290	10952.1	12.1	10964.2	11158.4
- 15:00	82.00	26.270	10943.8	12.1	10955.9	11150.1
- 17:00	84.00	26.250	10935.4	12.1	10947.5	11141.7
- 19:00	86.00	26.240	10931.3	12.1	10943.4	11137.6
- 21:00	88.00	26.220	10923.0	12.1	10935.0	11129.2
- 23:00	90.00	26.210	10918.8	12.1	10930.9	11125.1
- 1:00	92.00	26.200	10914.6	12.1	10926.7	11120.9
- 3:00	94.00	26.190	10910.5	12.1	10922.5	11116.7
- 5:00	96.00	26.180	10906.3	12.1	10918.4	11112.6
- 7:00	98.00	26.160	10898.0	12.1	10910.0	11104.2
- 9:00	100.00	26.150	10893.8	12.1	10905.9	11100.1
- 11:00	102.00	26.140	10889.7	12.0	10901.7	11095.9
- 13:00	104.00	26.130	10885.5	12.0	10897.5	11091.8
- 15:00	106.00	26.120	10881.3	12.0	10893.4	11087.6
- 17:00	108.00	26.110	10877.2	12.0	10889.2	11083.4
- 19:00	110.00	26.110	10877.2	12.0	10889.2	11083.4
- 21:00	112.00	26.100	10873.0	12.0	10885.0	11079.3
- 23:00	114.00	26.090	10868.9	12.0	10880.9	11075.1
- 1:00	116.00	26.080	10864.7	12.0	10876.7	11070.9
- 3:00	118.00	26.070	10860.5	12.0	10872.6	11066.8
- 5:00	120.00	26.060	10856.4	12.0	10868.4	11062.6
- 7:00	122.00	26.060	10856.4	12.0	10868.4	11062.6
- 9:00	124.00	26.050	10852.2	12.0	10864.2	11058.4
- 11:00	126.00	26.040	10848.0	12.0	10860.1	11054.3
- 13:00	128.00	26.040	10848.0	12.0	10860.1	11054.3
- 15:00	130.00	26.030	10843.9	12.0	10855.9	11050.1

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD.
DATE OF TEST : APRIL 19-27,1988
DEPTH : 1049.0

WELL NAME : HOME SCURRY S.PIERSON
LOCATION : 6-4-2-29-W1M
SERIAL NO. : 68265N

COMMENTS	TIME hrs	DEFL mm	----- PRESSURE KPAG -----			
			CALC	CORR	CORRECTED	MIDPNT
- 17:00	132.00	26.020	10839.7	12.0	10851.7	11045.9
- 19:00	134.00	26.020	10839.7	12.0	10851.7	11045.9
- 21:00	136.00	26.010	10835.6	12.0	10847.6	11041.8
- 23:00	138.00	26.010	10835.6	12.0	10847.6	11041.8
- 1:00	140.00	26.000	10831.4	12.0	10843.4	11037.6
- 3:00	142.00	26.000	10831.4	12.0	10843.4	11037.6
- 5:00	144.00	26.000	10831.4	12.0	10843.4	11037.6
- 7:00	146.00	25.990	10827.2	12.0	10839.2	11033.4
- 9:00	148.00	25.990	10827.2	12.0	10839.2	11033.4
CLOCK EXPIRED	148.88	25.980	10823.1	12.0	10835.1	11029.3
OFF BOTTOM	0.00	25.980	10823.1	12.0	10835.1	11029.3

LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD. WELL NAME : HOME SCURRY S. PIERSON
 ADDRESS : CALGARY, ALBERTA. LOCATION : 6-4-2-29-W1M
 FIELD & POOL : PIERSON, MISSISSIPPIAN STATUS : INJECTION
 TYPE OF TEST : STATIC GRADIENT DATE OF TEST : APRIL 27, 1988
 PROD. INT CF : 1064.85 to 1068.85 PROD. THROUGH : TUBING
 ELEV. (CF) : 471.13 (KB) : 475.28 MID-POINT OF PROD. INT. CF : 1066.85
 POOL DATUM : DATUM DEPTH OF WELL CF :

STATIC TEST

TUBING PRES : 0 KPAG
 CASING PRES : 0 KPAG SHUT-IN TIME : APRIL 20-05:00, 1988
 RUN DEPTH TOP CF : 1065.2 ON BOTTOM/OFF BOTTOM : 09:42 - 09:52
 TEMPERATURE AT RUN DEPTH : 44 C SURFACE TEMPERATURE :
 GRAD. AT RUN DEPTH TOP : 10.856 PRES. AT MID-POINT OF PERF. : 10924.0
 PRES. AT RUN DEPTH TOP : 10906.1 DATUM DEPTH PRESS. :

NOTE : All above units in metric (Depth in metres cf; Pressure in KPAG)

ELEMENT SERIAL NO. : 68264N
 RANGE : 0 - 20684 CLOCK RANGE : 3 HOUR
 CAL. EQUATION : $416.31 \times \text{Defl.} + .38$ LATEST CALIBRATION : 24/02/88

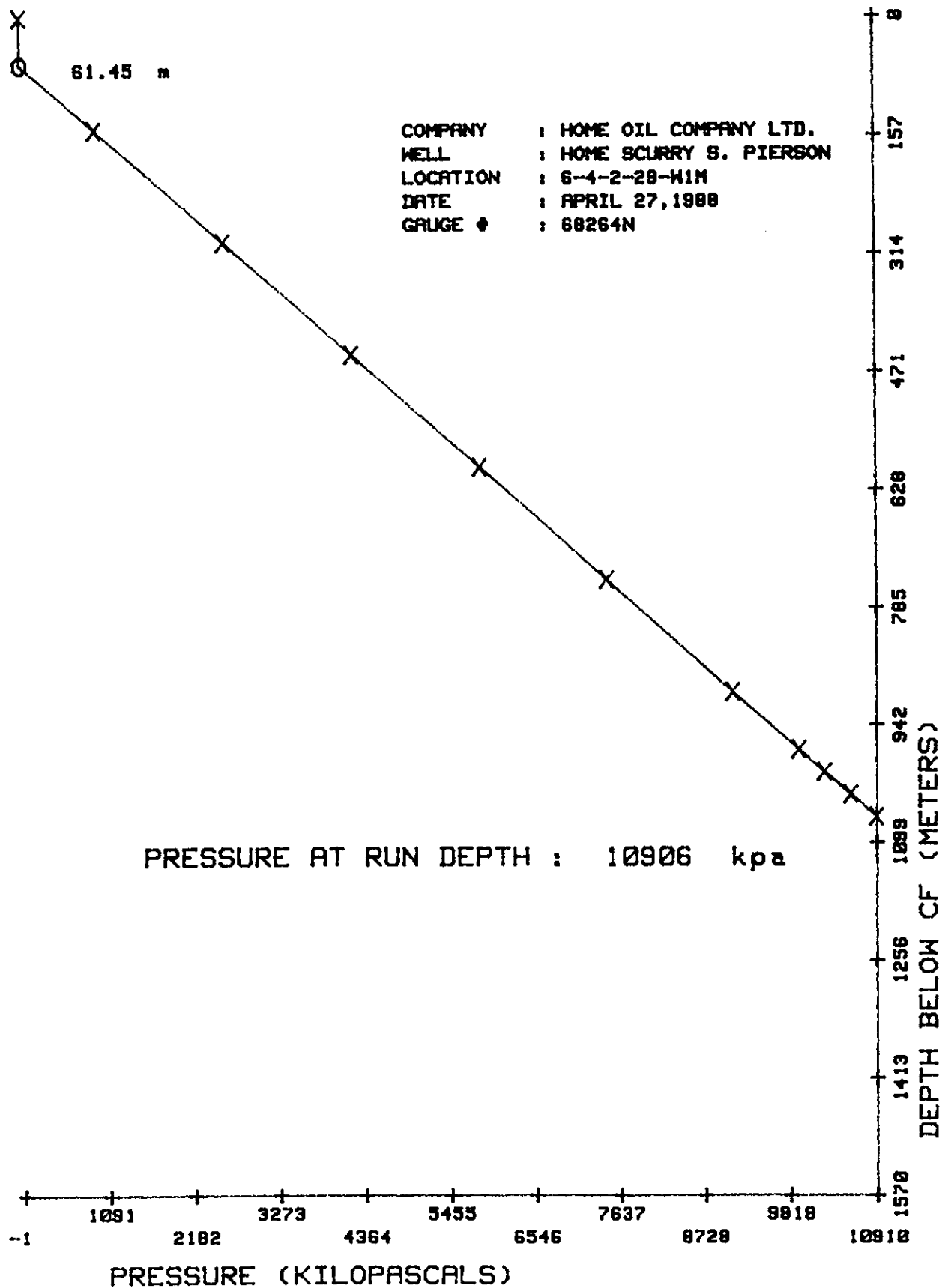
TOP RECORDER DEPTH (m-cf)	DEFLECTION MM	CALCULATED PRESSURE KPAG	CORRECTION P + PC KPAG	CORRECTED PRESSURE KPAG	GRADIENT KPAG/m
-1.8	0.000	.4	-.4	0.0	0.000
148.2	2.270	945.4	-1.1	944.3	6.295
298.2	6.195	2579.4	-2.5	2577.0	10.885
448.2	10.115	4211.4	-3.5	4207.8	10.872
598.2	14.035	5843.3	-2.8	5840.5	10.884
748.2	17.945	7471.1	-2.1	7469.0	10.857
898.2	21.840	9092.6	1.4	9093.9	10.833
975.2	23.835	9923.1	3.8	9926.9	10.818
1005.2	24.610	10245.8	4.8	10250.5	10.786
1035.2	25.400	10574.6	5.7	10580.4	10.995
1065.2	26.180	10899.4	6.7	10906.1	10.856

REMARKS :

SURVEY COMPANY : LONKAR SERVICES LTD.

TEST BY : D.K.

INTERPRETATION BY : E. S. KYLE INSTRUMENT LTD.



LONKAR SERVICES LTD.

SUBSURFACE PRESSURE MEASUREMENTS

COMPANY : HOME OIL COMPANY LTD. WELL NAME : HOME SCURRY S. PIERSON
 ADDRESS : CALGARY, ALBERTA. LOCATION : 6-4-2-29-W1M
 FIELD & POOL : PIERSON, MISSISSIPPIAN STATUS : INJECTION
 TYPE OF TEST : STATIC GRADIENT DATE OF TEST : APRIL 27, 1988
 PROD. INT CF : 1064.85 to 1068.85 PROD. THROUGH : TUBING
 ELEV. (CF) : 471.13 (KB) : 475.28 MID-POINT OF PROD. INT. CF : 1066.85
 POOL DATUM : DATUM DEPTH OF WELL CF :

STATIC TEST

TUBING PRES : 0 KPAG
 CASING PRES : 0 KPAG SHUT-IN TIME : APRIL 20-05:00, 1988
 RUN DEPTH BOT. CF : 1067.0 ON BOTTOM/OFF BOTTOM : 09:42 - 09:52
 TEMPERATURE AT RUN DEPTH : 44 C SURFACE TEMPERATURE :
 GRAD. AT RUN DEPTH BOT. : 10.898 PRES. AT MID-POINT OF PERF. : 10898.0
 PRES. AT RUN DEPTH BOT. : 10899.6 DATUM DEPTH PRESS. :

NOTE : All above units in metric (Depth in metres cf; Pressure in KPAG)

ELEMENT SERIAL NO. : 68265N
 RANGE : 0 - 20684 CLOCK RANGE : 3 HOUR
 CAL. EQUATION : $416.12 * \text{Defl.} + 12.33$ LATEST CALIBRATION : 24/02/88

BOTTOM RECORDER DEPTH (m-cf)	DEFLECTION mm	CALCULATED PRESSURE KPAG	CORRECTION P + PC KPAG	CORRECTED PRESSURE KPAG	GRADIENT KPAG/m
0.0	.030	24.8	-12.3	12.5	0.000
150.0	2.305	971.5	-9.1	962.4	6.333
300.0	6.170	2579.8	-3.6	2576.2	10.759
450.0	10.090	4211.0	1.7	4212.7	10.910
600.0	13.975	5827.6	5.0	5832.6	10.800
750.0	17.895	7458.8	8.3	7467.1	10.897
900.0	21.805	9085.8	10.4	9096.2	10.861
977.0	23.825	9926.3	11.2	9937.5	10.926
1007.0	24.570	10236.4	11.5	10247.8	10.343
1037.0	25.350	10560.9	11.8	10572.7	10.829
1067.0	26.135	10887.6	12.0	10899.6	10.898

REMARKS :

SURVEY COMPANY : LONKAR SERVICES LTD.

TEST BY : D.K.

INTERPRETATION BY : E. S. KYLE INSTRUMENT LTD.



INTER-OFFICE MEMORANDUM

TO: D. Botterill
FROM: G. Martineau
SUBJECT: Home Scurry South Pierson 16-09-002-29 W1M
Initial Flow and Build-up Test

DATE: 1988-01-29
FILE NO: 13-PIER / 16-09-002-29 W1M

The results of the subject pressure transient analysis are shown attached. The initial reservoir pressure is 10 123 kPa which appears to be near virgin conditions. The well has a very large negative wellbore skin effect of $(-)5.0$, which is primarily due to the large frac treatment performed. However the skin effect on a stimulated sandstone reservoir is normally between 0 to $(-)3.0$. This very large negative skin may also indicate that there are natural fractures present. The overall reservoir permeability is only 2.5 mD. Thus the well's productivity should decline quite quickly from the initial rate of 28.3 m³/d. The pressure data also indicates the presence of 2 reservoir boundaries, the first at a distance of only 10.9 meters.

GDM/jlc
Attachments
1013e


G. Martineau

cc: E. Griffiths
Reading File

Home Scurry South Pierson 16-09-002-29 W1M

Flow and Build-up Test Data

Date of Test	= 87-11-03 to 87-11-19
Production Period	= 18.97 hours
Average Production Rate	= 28.3 m ³ /d
Build-up Period	= 346.0 hours
Recorder Run Depth	= 949.0 m CF
Perforation Interval	= 1018.5 - 1022.7 m KB
MPP	= 1020.6 m KB
CF/KB	= 469.5 / 473.9 m
Reservoir Datum	= 546.7 m subsea

Home Scurry South Pierson 16-09-002-29 W1M

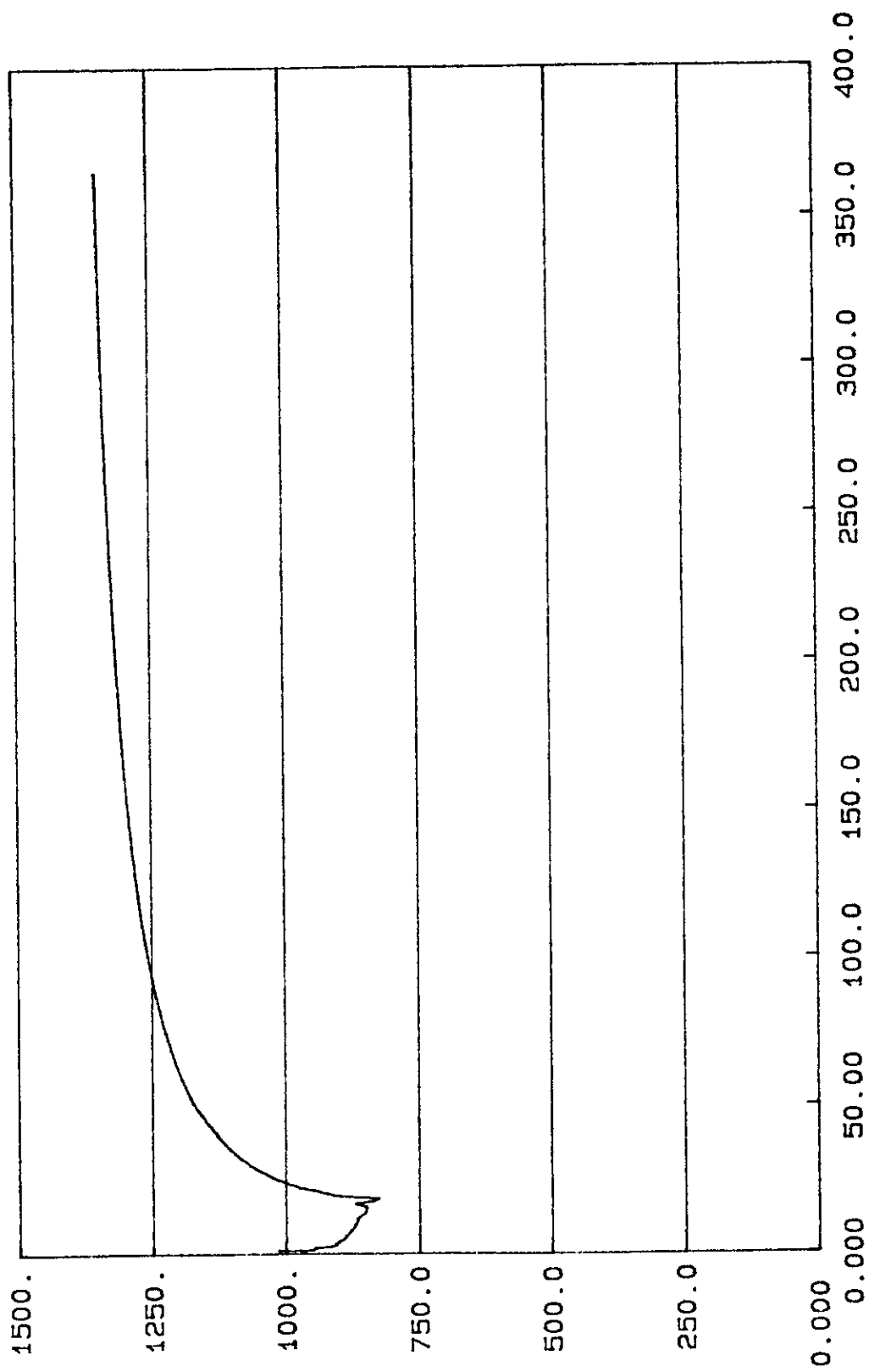
Reservoir and Fluid Data

Net Pay	= 4.2 meters
Porosity	= 17.0%
Temperature	= 42°C
Oil Viscosity	= 1.345 mPa.sec
Oil Compressibility	= $10.83 \times 10^{-6} \text{ kPa}^{-1}$
Oil FVF	= $1.196 \text{ m}^3/\text{m}^3$
Wellbore Radius	= 0.06985 meters

Home Scurry South Pierson 16-09-002-29 W1M

Flow and Build-up Test Results

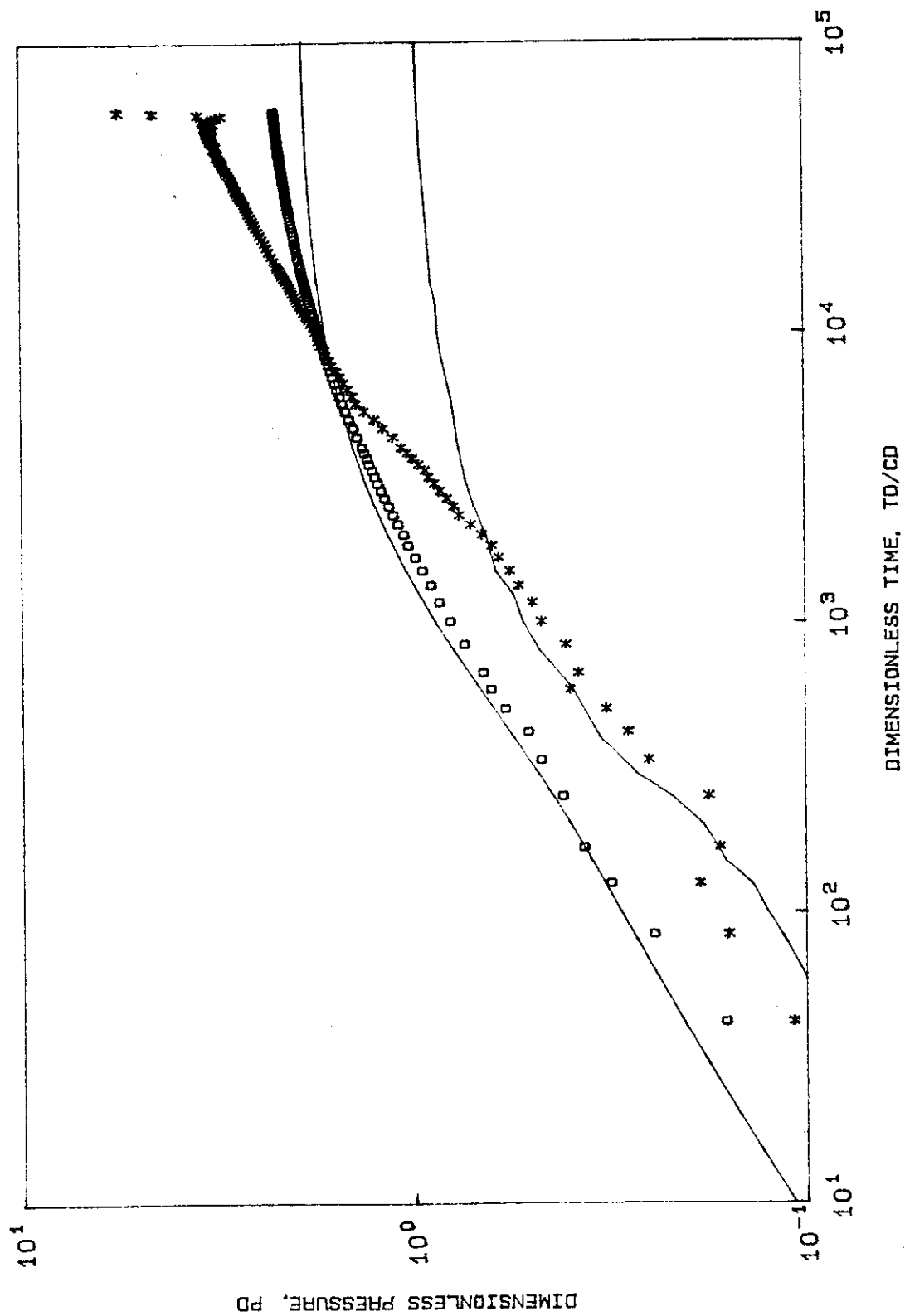
Extrapolated Reservoir Pressure	= 10 123 kPa
Reservoir Transmissitivity	= 10.48 mD. meters
Reservoir Permeability	= 2.5 mD
Wellbore Skin Effect	= (-)5.0
Dimensionless Wellbore Storage	= 48.9
Distance to First Reservoir Boundary	= 10.9 meters



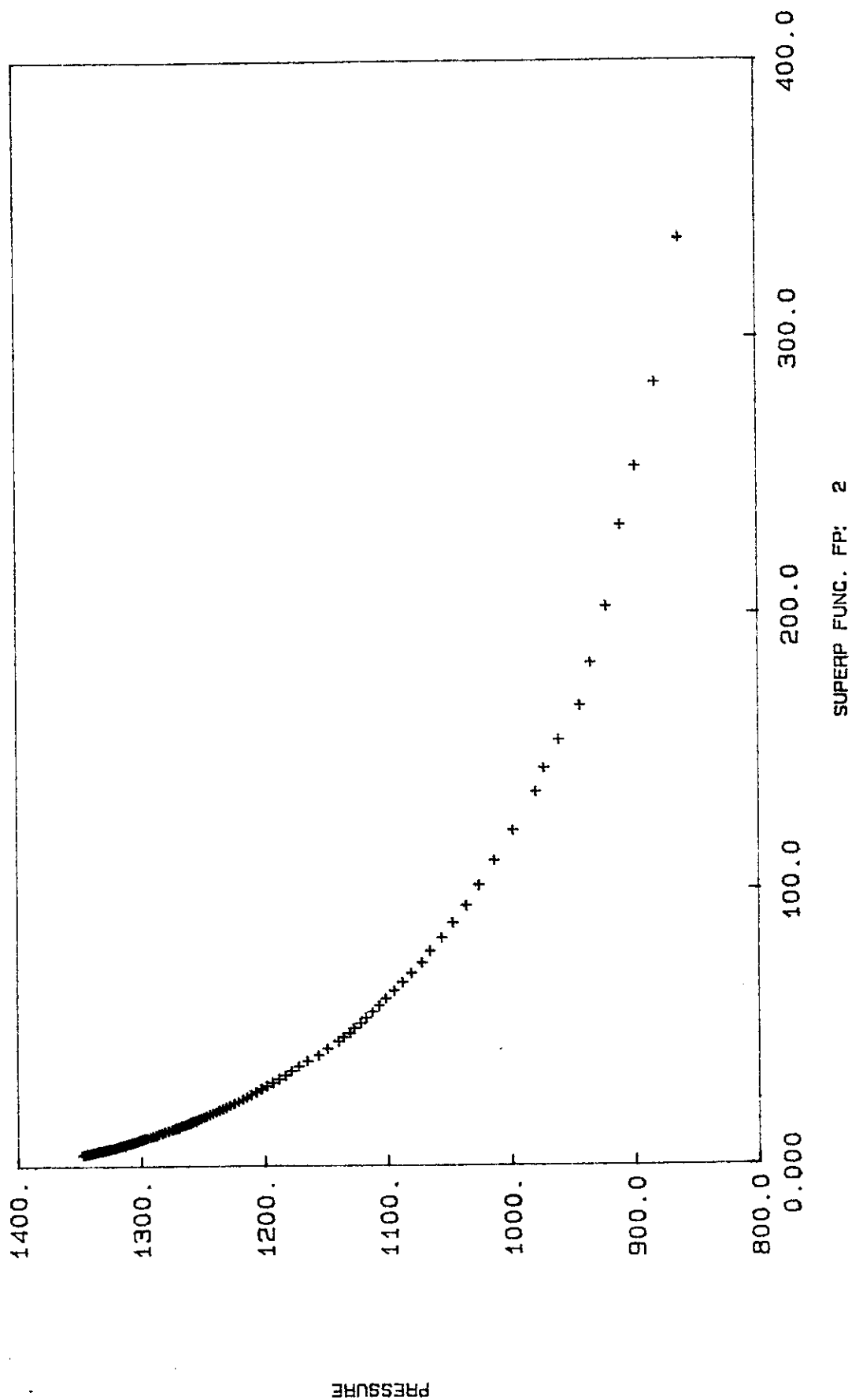
HOME SCURRY SOUTH PIERSON 16-09-02-29 W1M

SPEARFISH FORMATION

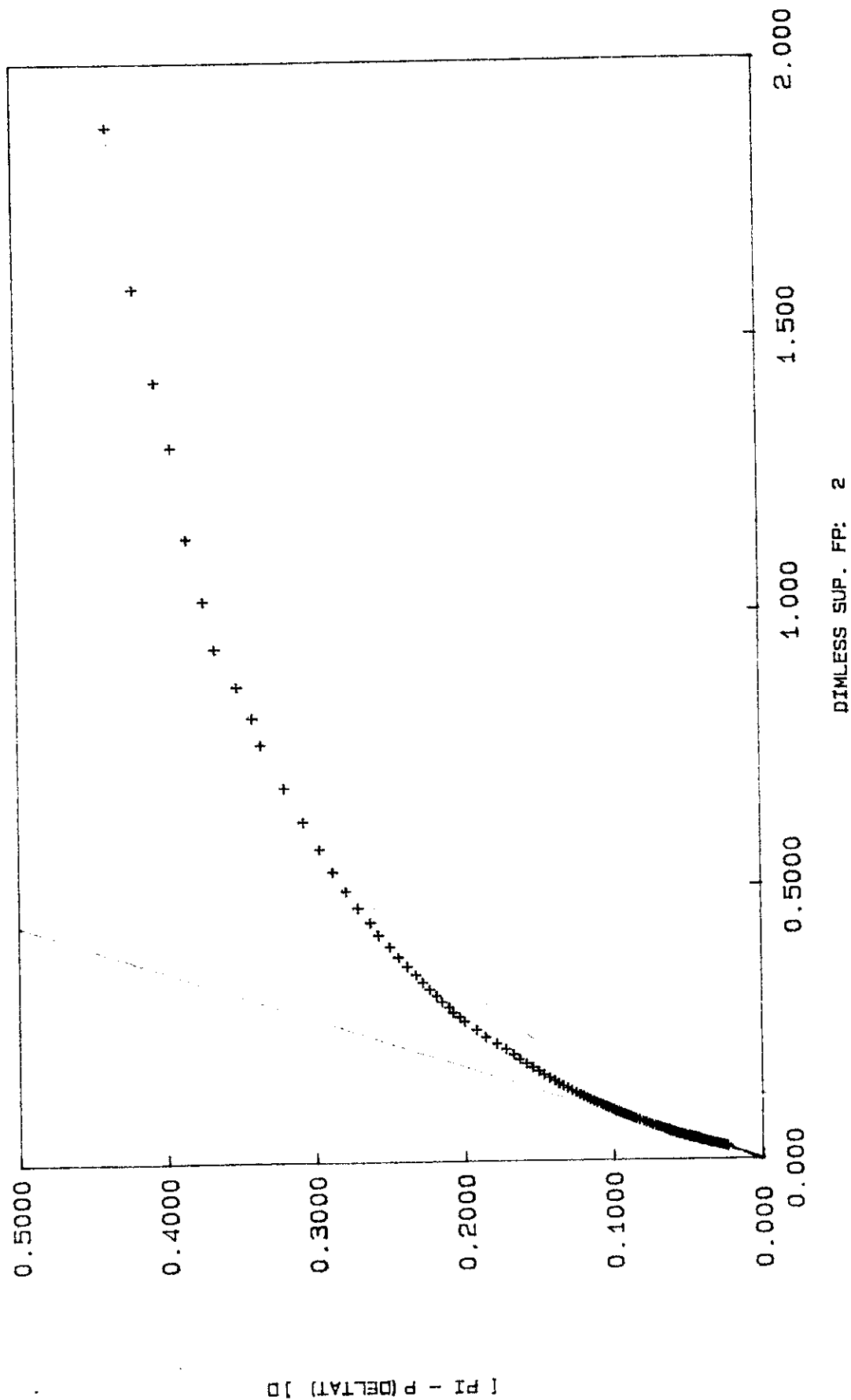
FLOW AND BUILD-UP TEST 1987-11-03 TO 1987-11-19



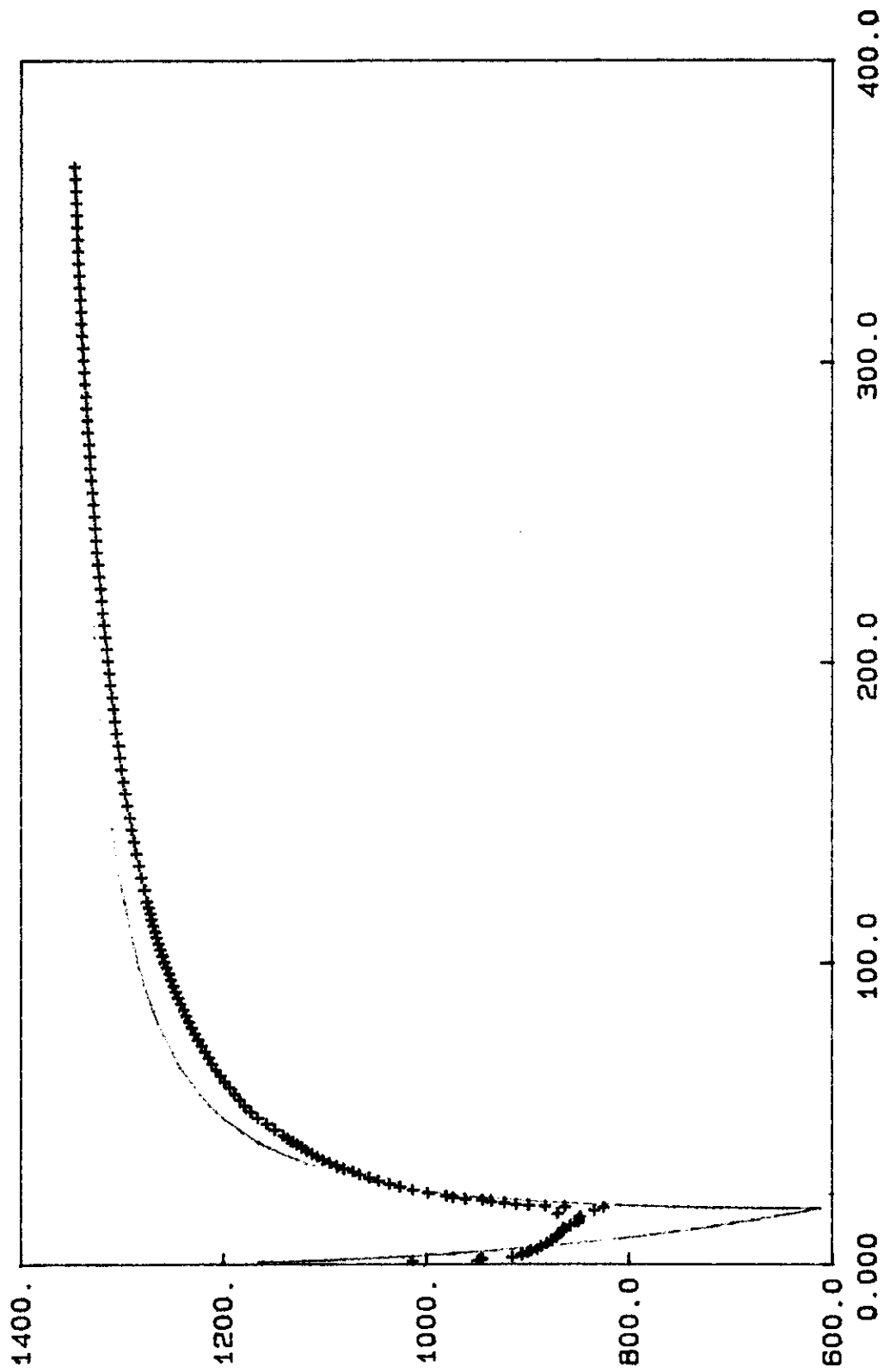
HOME SCURRY SOUTH PIERSON 16-09-02-29 W1M
 WELL WITH WELLBORE STORAGE AND SKIN IN A RESERVOIR WITH HOMOGENEOUS BEHAVIOR
 DRAW DOWN TYPE CURVE CDE2S=1.055E-03, 1 ST BOUNDARY DIM DISTANCE OF 2000
 FLOW AND BUILD-UP TEST 1987-11-03 TO 1987-11-19



HOME SCURRY SOUTH PIERSON 16-09-02-29 WIM
SEMI-LOG HORNER ANALYSIS
FLOW AND BUILD-UP TEST 1987-11-03 TO 1987-11-19



HOME SCURRY SOUTH PIERSON 16-09-02-29 W1M
VALIDATION OF INTERPRETATION MODEL
GENERALIZED HORNER TYPE CURVE. NO. FLOW PERIOD 2
FLOW AND BUILD-UP TEST 1987-11-03 TO 1987-11-19



HOME ENERGY AUDIT SOFTWARE: 10-02-82
 VALIDATION OF SOFTWARE ON 100%
 COMPARISON BETWEEN ACTUAL TEST DATA AND SIMULATION BEHAVIOR
 FLOW AND BUILD UP TEST 100% TO 100% TO 100%



INTER-OFFICE MEMORANDUM

Wally
For your files

TO: D.F. Botterill

DATE: 1988-01-29

FROM: G. Martineau

FILE NO: 13-PIER / 14-09-002-29 W1M

SUBJECT: Home Scurry South Pierson 14-09-002-29 W1M
Initial Flow and Build-up Test

The results of the subject pressure transient analysis are shown attached. The initial reservoir pressure is 10 246 kPa which appears to be near virgin conditions. The well has a wellbore skin effect of $(-)1.2$, which is due to the hydraulic fracture treatment that was conducted. The overall reservoir permeability is 381 mD, which is extremely high and suspected to be characteristic of the Mississippian porosity development. The late time data exhibits behaviour which was closely modelled by a narrow rectangular reservoir. No signs of depletion were noted.

GDM/jlc
Attachments
1017e

G. Martineau

cc: E. Griffiths
Reading File

Home Scurry South Pierson 14-09-002-29 WLM
Flow and Build-up Test Data

Date of Test	= 87-11-04 to 87-11-19
Flow Period No. 1	
Duration	= 15.08 hours
Rate	= \emptyset
Flow Period No. 2	
Duration	= 8.50 hours
Rate	= 121.1 m ³ /d
Flow Period No. 3	
Duration	= 14.92 hours
Rate	= \emptyset
Flow Period No. 4	
Duration	= 6.83 hours
Rate	= 157.3 m ³ /d
Flow Period No. 5	
Duration	= 311.57 hours
Rate	= \emptyset

Home Scurry South Pierson 14-09-002-29 W1M
Flow and Build-up Test Data

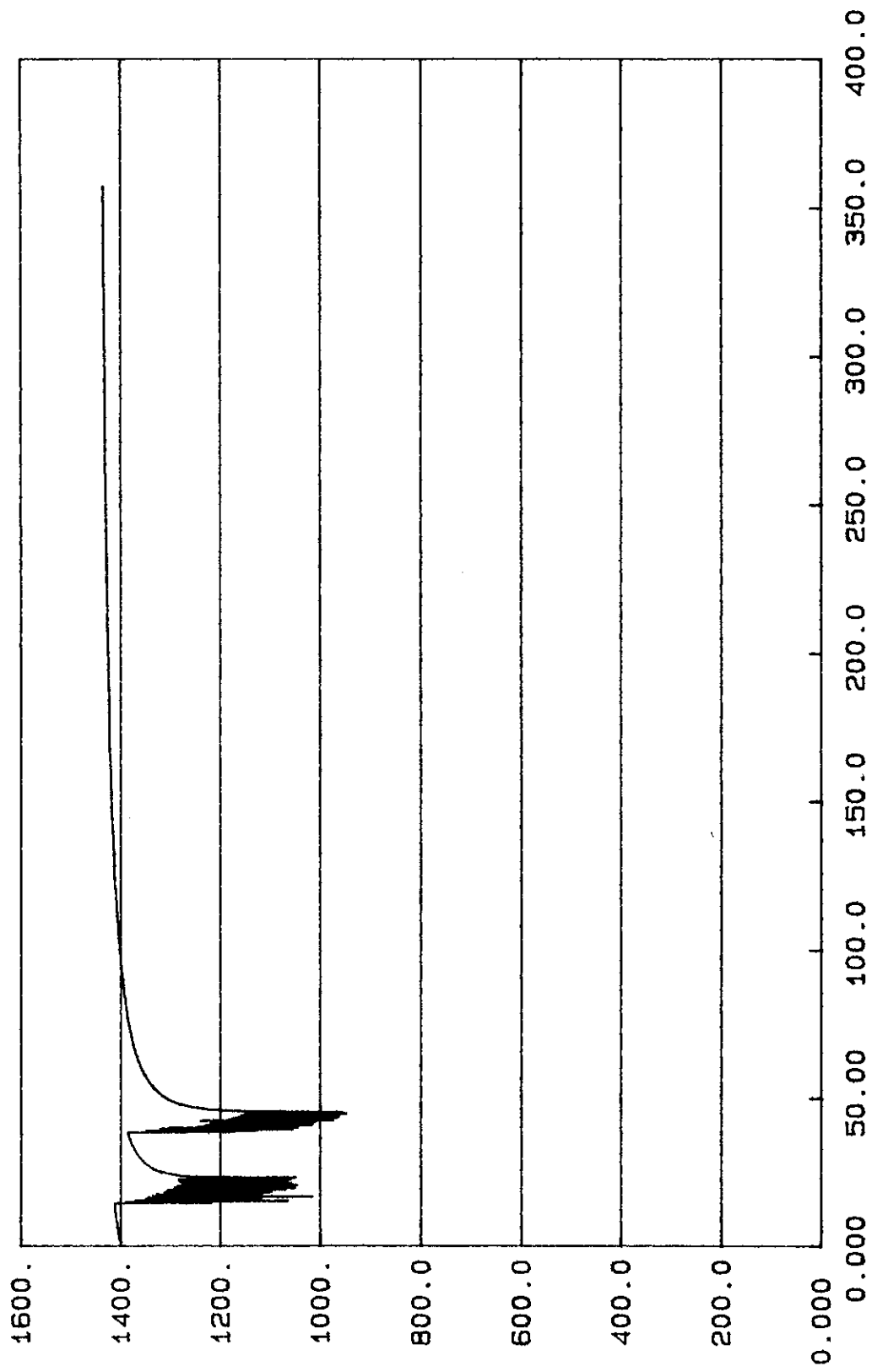
Wellbore Radius	= 0.06985 meters
Recorder Run Depth	= 1007.2 mCF
Perforation Interval	= 1022.7 - 1027.1 m KB
MPP	= 1024.9 m KB
CF/KB	= 473.5 / 477.8 m
Reservoir Datum	= 547.1 m subsea

Home Scurry South Pierson 14-09-002-29 W1M
Reservoir and Fluid Data

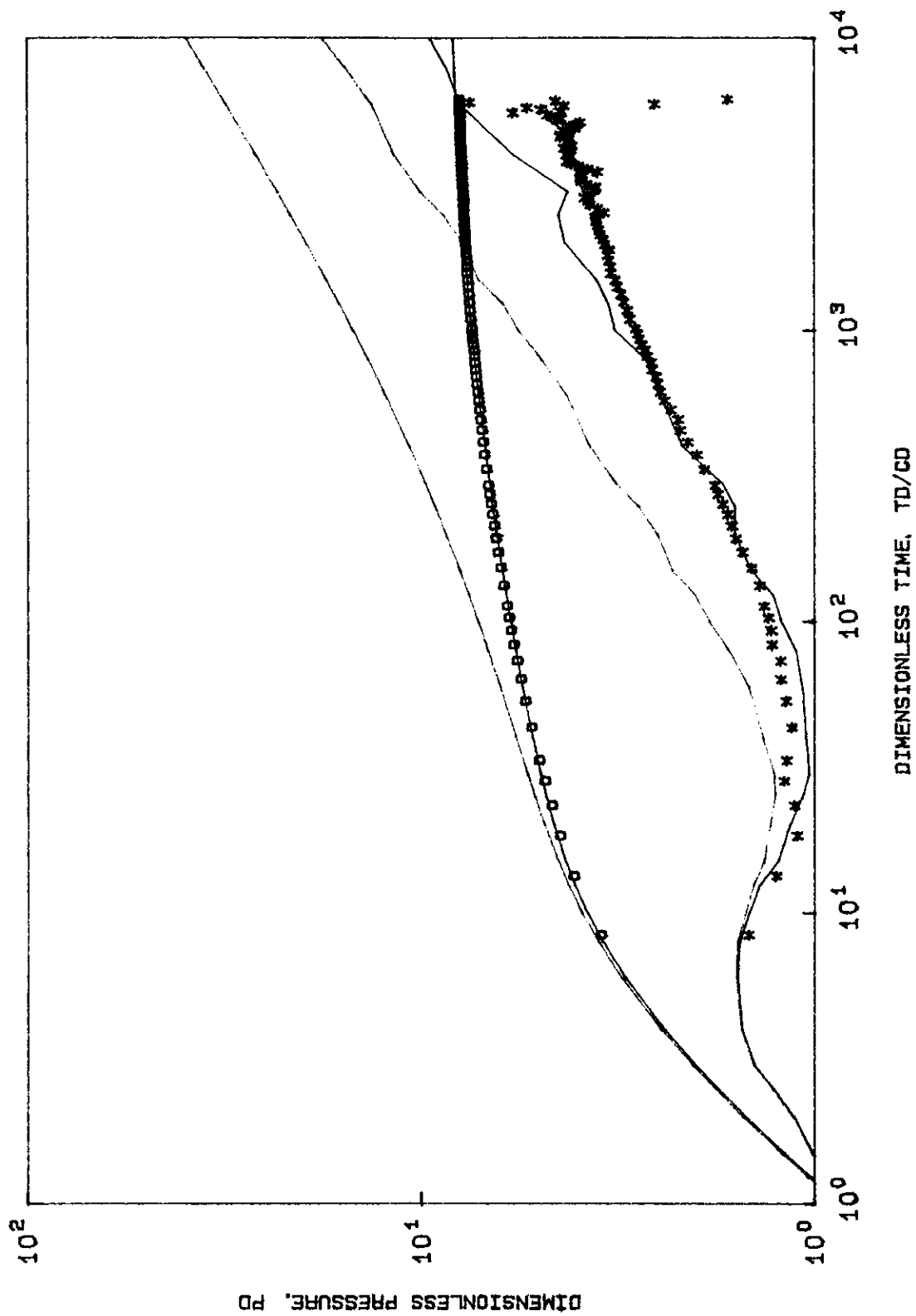
Net Pay	= 3.0 meters
Porosity	= 17.0%
Temperature	= 42 °C
Oil Viscosity	= 1.345 mPa.sec
Oil Compressibility	= $10.83 \times 10^{-6} \text{ kPa}^{-1}$
Oil FVF	= $1.196 \text{ m}^3/\text{m}^3$

Home Scurry South Pierson 14-09-002-29 W1M
Flow and Build-up Test Results

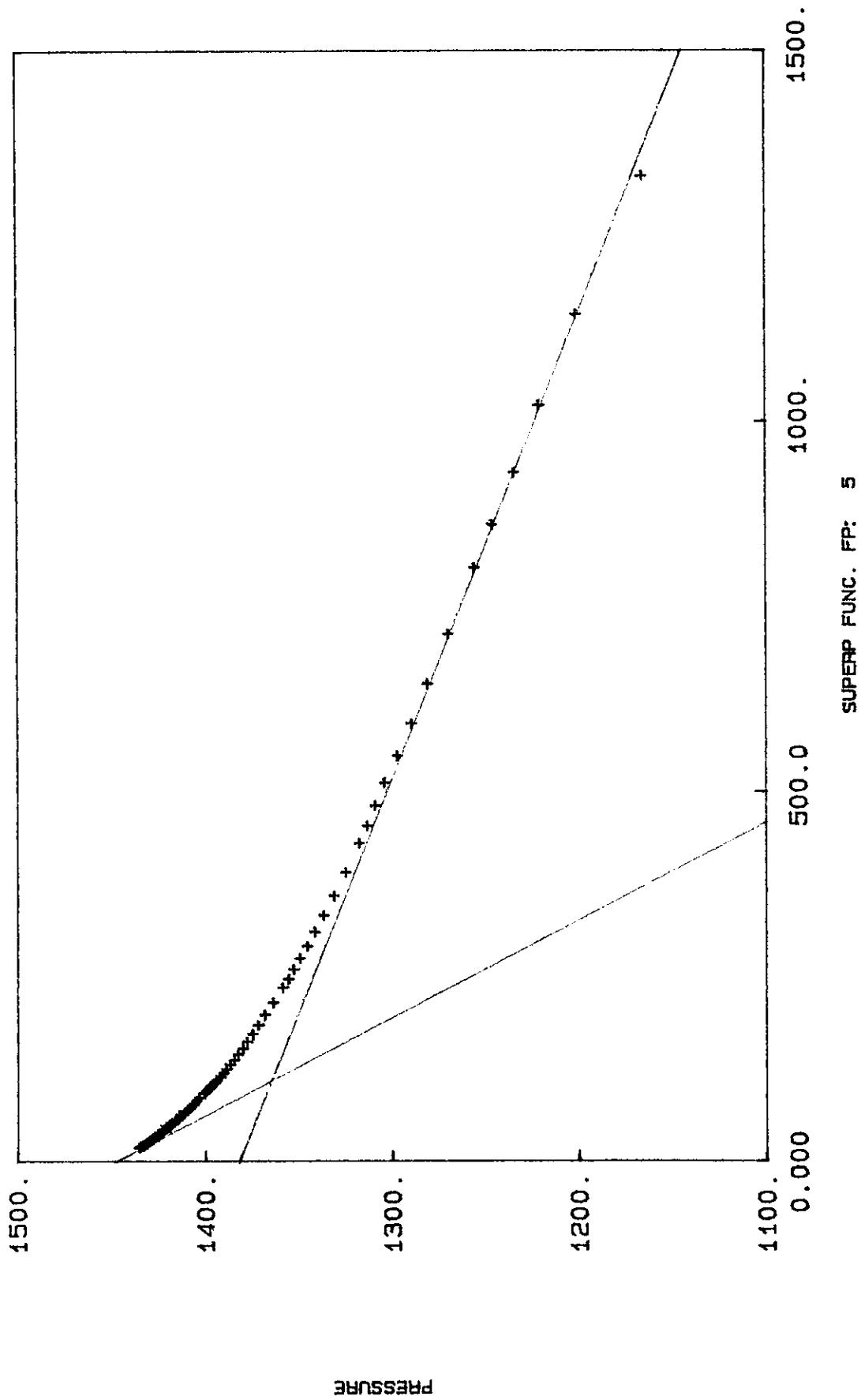
Extrapolated Reservoir Pressure	= 10 246 kPa
Reservoir Transmissitivity	= 1142.0 mD. meters
Reservoir Permeability	= 381 mD
Wellbore Skin Effect	= (-)1.2
Dimensionless Wellbore Storage	= 5.650 X 10 ³



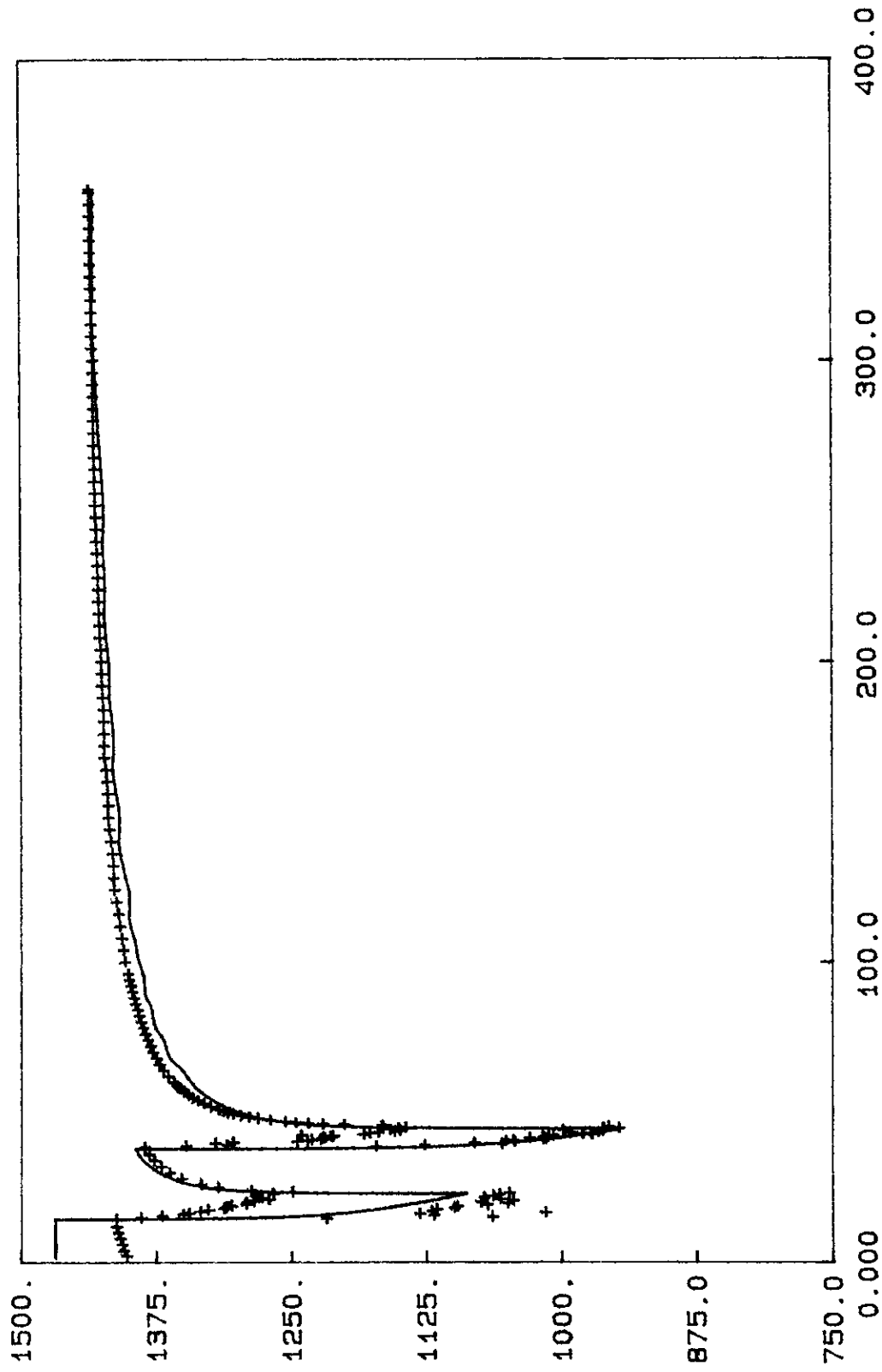
HOME SCURRY SOUTH PIERSON 14-09-02-29 W1M
FLOW AND BUILD-UP TEST 1987-11-04 TO 1987-11-19



HOME SCURRY SOUTH PIERSON 14-09-02-29 W1M
 WELL WITH WELLBORE STORAGE AND SKIN IN A RESERVOIR WITH HOMOGENEOUS BEHAVIOR
 DRAWDOWN TYPE CURVE, CDe (2S) = 553.
 FLOW AND BUILD-UP TEST 1987-11-04 TO 1987-11-19



HOME SCURRY SOUTH PIERSON 14-09-02-29 W1M
SEMI-LOG HORNER ANALYSIS
FLOW AND BUILD-UP TEST 1987-11-04 TO 1987-11-19



HOME SCURRY SOUTH PIERSON 14-09-02-29 W1M
VALIDATION OF INTERPRETATION MODEL
COMPARISON BETWEEN ACTUAL TEST DATA AND SIMULATED BEHAVIOUR
FLOW AND BUILD-UP TEST 1987-11-04 TO 1987-11-19

MO. SE MOUNTAIN
WELL SERVICE LTD.

COMPANY:HOME OIL COMPANY LIMITED
ADDRESS: CALGARY ALBERTA
FIELD-POOL: PIERSON/SPEARFISH
TYPE OF TEST: SWAB-BUILDUP
PERF/OH INTERVAL: 1023.5-1034 KB
ELEVATIONS: (GD)474.3 (KB) 478.3
POOL DATUM:

WELL NAME: HOME SCURRY S. PIERSON
LOCATION: 16-5-2-29-W1M
WELL STATUS: OIL
DATE OF TEST: 88JAN18
PRODUCING THROUGH: TUBING
MP PROD. INTER: 1024.75
DATUM DEPTH: (CF)

SHUT IN: 2000 1/18/88
DWG PRESS: (KPA)

RUN DEPTH TEMP: (C) 41
ON/OFF BTM: 1400 1/18 - 1200 2/1

	TOP RECORDER	BOTTOM RECORDER
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ELEMENT SERIAL NO:	D45300	51952
RUN DEPTH: (MCF)	1030.2	1032
RUN DEPTH PRESS: (KPA)	2110	2114
GRADIENT-RUN DEPTH: (KPA/M)		
PRESSURE AT MMP: (KPA)	2058	2044
DATUM DEPTH PRESS: (KPA)		

REMARKS:

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. D45300

Range (kPa): 13790

IHS: 52464

360 hr Clock #: 2904

Run Depth: 1030.2

Calib. Equation: 272.13

-28.36

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN18	1400	0.00	ON BOTTOM-NOT LEGIBLE		
88JAN18	2000	6.00	3.950	+16.7	1063
			SHUT IN		
88JAN18	2015	6.25	4.075	+16.3	1097
			FRICTION-BOTTOM RECORDER		
88JAN18	2030	6.50	4.135	+16.1	1113
88JAN18	2045	6.75	4.180	+16.0	1125
88JAN18	2100	7.00	4.220	+15.9	1136
88JAN18	2130	7.50	4.290	+15.7	1155
88JAN18	2200	8.00	4.350	+15.5	1171
88JAN18	2230	8.50	4.395	+15.4	1183
88JAN18	2300	9.00	4.440	+15.2	1195
88JAN18	2330	9.50	4.475	+15.1	1205
88JAN19	0000	10.00	4.505	+15.0	1213
88JAN19	0100	11.00	4.560	+14.9	1227
88JAN19	0200	12.00	4.600	+14.8	1238
88JAN19	0300	13.00	4.640	+14.6	1249
88JAN19	0400	14.00	4.675	+14.5	1258
88JAN19	0500	15.00	4.705	+14.5	1266
88JAN19	0600	16.00	4.730	+14.4	1273
88JAN19	0700	17.00	4.765	+14.3	1283
88JAN19	0800	18.00	4.785	+14.2	1288
88JAN19	0900	19.00	4.805	+14.2	1293
88JAN19	1000	20.00	4.830	+14.1	1300
88JAN19	1100	21.00	4.855	+14.0	1307
88JAN19	1200	22.00	4.870	+14.0	1311
88JAN19	1300	23.00	4.890	+13.9	1316
88JAN19	1400	24.00	4.910	+13.8	1322
88JAN19	1500	25.00	4.930	+13.8	1327
88JAN19	1600	26.00	4.945	+13.7	1331
88JAN19	1700	27.00	4.960	+13.7	1335
88JAN19	1800	28.00	4.975	+13.7	1339
88JAN19	1900	29.00	5.000	+13.6	1346
88JAN19	2000	30.00	5.015	+13.5	1350
88JAN19	2100	31.00	5.030	+13.5	1354
88JAN19	2200	32.00	5.045	+13.5	1358
88JAN19	2300	33.00	5.060	+13.4	1362
88JAN20	0000	34.00	5.070	+13.4	1365
88JAN20	0100	35.00	5.090	+13.3	1370
88JAN20	0200	36.00	5.110	+13.3	1375

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. D45300

Range (kPa): 13790

IHH: 2464

360 hr Clock #: 2904

Run Depth: 1030.2

Calib. Equation: 272.13 -28.36

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN20	0300	37.00	5.120	+13.2	1378
88JAN20	0400	38.00	5.135	+13.2	1382
88JAN20	0500	39.00	5.150	+13.1	1386
88JAN20	0600	40.00	5.165	+13.1	1390
88JAN20	0700	41.00	5.180	+13.1	1394
88JAN20	0800	42.00	5.190	+13.0	1397
88JAN20	0900	43.00	5.200	+13.0	1400
88JAN20	1000	44.00	5.210	+13.0	1402
88JAN20	1100	45.00	5.220	+12.9	1405
88JAN20	1200	46.00	5.230	+12.9	1408
88JAN20	1300	47.00	5.245	+12.9	1412
88JAN20	1400	48.00	5.255	+12.8	1415
88JAN20	1500	49.00	5.270	+12.8	1419
88JAN20	1600	50.00	5.280	+12.8	1421
88JAN20	1700	51.00	5.295	+12.7	1425
88JAN20	1800	52.00	5.310	+12.7	1429
88JAN20	1900	53.00	5.320	+12.6	1432
88JAN20	2000	54.00	5.330	+12.6	1435
88JAN20	2100	55.00	5.340	+12.6	1437
88JAN20	2200	56.00	5.360	+12.5	1443
88JAN20	2300	57.00	5.370	+12.5	1445
88JAN21	0000	58.00	5.380	+12.5	1448
88JAN21	0100	59.00	5.395	+12.4	1452
88JAN21	0200	60.00	5.405	+12.4	1455
88JAN21	0300	61.00	5.415	+12.4	1458
88JAN21	0400	62.00	5.430	+12.3	1462
88JAN21	0500	63.00	5.445	+12.3	1466
88JAN21	0600	64.00	5.455	+12.2	1468
88JAN21	0700	65.00	5.470	+12.2	1472
88JAN21	0800	66.00	5.480	+12.2	1475
88JAN21	0900	67.00	5.490	+12.1	1478
88JAN21	1000	68.00	5.505	+12.1	1482
88JAN21	1100	69.00	5.515	+12.1	1484
88JAN21	1200	70.00	5.525	+12.0	1487
88JAN21	1300	71.00	5.540	+12.0	1491
88JAN21	1400	72.00	5.550	+12.0	1494
88JAN21	1500	73.00	5.560	+11.9	1497
88JAN21	1600	74.00	5.570	+11.9	1499
88JAN21	1700	75.00	5.580	+11.9	1502
88JAN21	1800	76.00	5.600	+11.8	1507

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Element No. D45300

Run Depth: 1030.2

Range (kPa): 13790

Calib. Equation: 272.13 -28.36

Location: 16-5-2-29-W1M

360 hr Clock #: 2904

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN21	1900	77.00	5.610	+11.8	1510
88JAN21	2000	78.00	5.620	+11.8	1513
88JAN21	2100	79.00	5.630	+11.7	1515
88JAN21	2200	80.00	5.640	+11.7	1518
88JAN21	2300	81.00	5.660	+11.6	1524
88JAN22	0000	82.00	5.670	+11.6	1526
88JAN22	0100	83.00	5.680	+11.6	1529
88JAN22	0200	84.00	5.690	+11.5	1532
88JAN22	0300	85.00	5.705	+11.5	1536
88JAN22	0400	86.00	5.710	+11.5	1537
88JAN22	0500	87.00	5.720	+11.5	1540
88JAN22	0600	88.00	5.730	+11.4	1542
88JAN22	0700	89.00	5.740	+11.4	1545
88JAN22	0800	90.00	5.750	+11.4	1548
88JAN22	0900	91.00	5.760	+11.3	1550
88JAN22	1000	92.00	5.775	+11.3	1554
88JAN22	1100	93.00	5.785	+11.3	1557
88JAN22	1200	94.00	5.795	+11.2	1560
88JAN22	1300	95.00	5.805	+11.2	1563
88JAN22	1400	96.00	5.820	+11.2	1567
88JAN22	1500	97.00	5.830	+11.1	1569
88JAN22	1600	98.00	5.840	+11.1	1572
88JAN22	1700	99.00	5.855	+11.1	1576
88JAN22	1800	100.00	5.870	+11.0	1580
88JAN22	1900	101.00	5.880	+11.0	1583
88JAN22	2000	102.00	5.890	+11.0	1585
88JAN22	2100	103.00	5.895	+10.9	1587
88JAN22	2200	104.00	5.910	+10.9	1591
88JAN22	2300	105.00	5.915	+10.9	1592
88JAN23	0000	106.00	5.925	+10.8	1595
88JAN23	0100	107.00	5.935	+10.8	1598
88JAN23	0200	108.00	5.945	+10.8	1600
88JAN23	0300	109.00	5.960	+10.7	1604
88JAN23	0400	110.00	5.965	+10.7	1606
88JAN23	0500	111.00	5.975	+10.7	1608
88JAN23	0600	112.00	5.985	+10.7	1611
88JAN23	0700	113.00	5.995	+10.6	1614
88JAN23	0800	114.00	6.005	+10.6	1616
88JAN23	0900	115.00	6.015	+10.6	1619
88JAN23	1000	116.00	6.025	+10.6	1622

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. D45300

Range (kPa): 13790

IHH: 52464

360 hr Clock #: 2904

Run Depth: 1030.2

Calib. Equation: 272.13 -28.36

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN23	1100	117.00	6.030	+10.5	1623
88JAN23	1200	118.00	6.045	+10.5	1627
88JAN23	1300	119.00	6.055	+10.5	1630
88JAN23	1400	120.00	6.060	+10.5	1631
88JAN23	1500	121.00	6.070	+10.4	1634
88JAN23	1600	122.00	6.080	+10.4	1637
88JAN23	1700	123.00	6.090	+10.4	1639
88JAN23	1800	124.00	6.100	+10.3	1642
88JAN23	1900	125.00	6.110	+10.3	1645
88JAN23	2000	126.00	6.120	+10.3	1647
88JAN23	2100	127.00	6.130	+10.2	1650
88JAN23	2200	128.00	6.140	+10.2	1653
88JAN23	2300	129.00	6.150	+10.2	1655
88JAN24	0000	130.00	6.160	+10.2	1658
88JAN24	0100	131.00	6.170	+10.1	1661
88JAN24	0200	132.00	6.180	+10.1	1663
88JAN24	0300	133.00	6.190	+10.1	1666
88JAN24	0400	134.00	6.195	+10.1	1668
88JAN24	0500	135.00	6.205	+10.0	1670
88JAN24	0600	136.00	6.220	+10.0	1674
88JAN24	0700	137.00	6.225	+10.0	1676
88JAN24	0800	138.00	6.235	+9.9	1678
88JAN24	0900	139.00	6.240	+9.9	1680
88JAN24	1000	140.00	6.255	+9.9	1684
88JAN24	1100	141.00	6.265	+9.8	1686
88JAN24	1200	142.00	6.275	+9.8	1689
88JAN24	1300	143.00	6.280	+9.8	1690
88JAN24	1400	144.00	6.295	+9.8	1694
88JAN24	1500	145.00	6.300	+9.7	1696
88JAN24	1600	146.00	6.310	+9.7	1698
88JAN24	1700	147.00	6.320	+9.7	1701
88JAN24	1800	148.00	6.330	+9.7	1704
88JAN24	1900	149.00	6.340	+9.6	1707
88JAN24	2000	150.00	6.350	+9.6	1709
88JAN24	2100	151.00	6.360	+9.6	1712
88JAN24	2200	152.00	6.370	+9.5	1715
88JAN24	2300	153.00	6.380	+9.5	1717
88JAN25	0000	154.00	6.390	+9.5	1720
88JAN25	0100	155.00	6.400	+9.4	1723
88JAN25	0200	156.00	6.410	+9.4	1725

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. D45300

Range (kPa): 13790

IH#: 52464

360 hr Clock #: 2904

Run Depth: 1030.2

Calib. Equation: 272.13 -28.36

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN25	0300	157.00	6.415	+9.4	1727
88JAN25	0400	158.00	6.425	+9.4	1729
88JAN25	0500	159.00	6.430	+9.4	1731
88JAN25	0600	160.00	6.445	+9.3	1735
88JAN25	0700	161.00	6.450	+9.3	1736
88JAN25	0800	162.00	6.455	+9.3	1738
88JAN25	0900	163.00	6.465	+9.3	1740
88JAN25	1000	164.00	6.475	+9.2	1743
88JAN25	1100	165.00	6.480	+9.2	1744
88JAN25	1200	166.00	6.490	+9.2	1747
88JAN25	1300	167.00	6.500	+9.2	1750
88JAN25	1400	168.00	6.510	+9.1	1752
88JAN25	1500	169.00	6.520	+9.1	1755
88JAN25	1600	170.00	6.530	+9.1	1758
88JAN25	1700	171.00	6.540	+9.0	1760
88JAN25	1800	172.00	6.545	+9.0	1762
88JAN25	1900	173.00	6.555	+9.0	1764
88JAN25	2000	174.00	6.560	+9.0	1766
88JAN25	2100	175.00	6.570	+8.9	1768
88JAN25	2200	176.00	6.580	+8.9	1771
88JAN25	2300	177.00	6.590	+8.9	1774
88JAN26	0000	178.00	6.600	+8.9	1777
88JAN26	0100	179.00	6.610	+8.8	1779
88JAN26	0200	180.00	6.620	+8.8	1782
88JAN26	0300	181.00	6.630	+8.8	1785
88JAN26	0400	182.00	6.635	+8.8	1786
88JAN26	0500	183.00	6.640	+8.7	1787
88JAN26	0600	184.00	6.650	+8.7	1790
88JAN26	0700	185.00	6.660	+8.7	1793
88JAN26	0800	186.00	6.670	+8.6	1795
88JAN26	0900	187.00	6.675	+8.6	1797
88JAN26	1000	188.00	6.680	+8.6	1798
88JAN26	1100	189.00	6.695	+8.6	1802
88JAN26	1200	190.00	6.700	+8.6	1803
88JAN26	1300	191.00	6.710	+8.5	1806
88JAN26	1400	192.00	6.720	+8.5	1809
88JAN26	1500	193.00	6.730	+8.5	1812
88JAN26	1600	194.00	6.735	+8.5	1813
88JAN26	1700	195.00	6.745	+8.4	1816
88JAN26	1800	196.00	6.755	+8.4	1818

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. D45300

Range (kPa): 13790

IH#: 52464

360 hr Clock #: 2904

Run Depth: 1030.2

Calib. Equation: 272.13 -28.36

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN26	1900	197.00	6.765	+8.4	1821
88JAN26	2000	198.00	6.770	+8.4	1822
88JAN26	2100	199.00	6.780	+8.3	1825
88JAN26	2200	200.00	6.790	+8.3	1828
88JAN26	2300	201.00	6.800	+8.3	1830
88JAN27	0000	202.00	6.805	+8.2	1832
88JAN27	0100	203.00	6.820	+8.2	1836
88JAN27	0200	204.00	6.825	+8.2	1837
88JAN27	0300	205.00	6.830	+8.2	1838
88JAN27	0400	206.00	6.840	+8.1	1841
88JAN27	0500	207.00	6.845	+8.1	1843
88JAN27	0600	208.00	6.855	+8.1	1845
88JAN27	0700	209.00	6.865	+8.1	1848
88JAN27	0800	210.00	6.870	+8.1	1849
88JAN27	0900	211.00	6.880	+8.0	1852
88JAN27	1000	212.00	6.890	+8.0	1855
88JAN27	1100	213.00	6.900	+8.0	1857
88JAN27	1200	214.00	6.910	+7.9	1860
88JAN27	1300	215.00	6.915	+7.9	1861
88JAN27	1400	216.00	6.920	+7.9	1863
88JAN27	1500	217.00	6.930	+7.9	1865
88JAN27	1600	218.00	6.940	+7.9	1868
88JAN27	1700	219.00	6.950	+7.8	1871
88JAN27	1800	220.00	6.950	+7.8	1871
88JAN27	1900	221.00	6.965	+7.8	1875
88JAN27	2000	222.00	6.970	+7.8	1876
88JAN27	2100	223.00	6.980	+7.7	1879
88JAN27	2200	224.00	6.990	+7.7	1882
88JAN27	2300	225.00	6.995	+7.7	1883
88JAN28	0000	226.00	7.005	+7.7	1886
88JAN28	0100	227.00	7.010	+7.6	1887
88JAN28	0200	228.00	7.020	+7.6	1890
88JAN28	0300	229.00	7.030	+7.6	1892
88JAN28	0400	230.00	7.030	+7.6	1892
88JAN28	0500	231.00	7.040	+7.6	1895
88JAN28	0600	232.00	7.050	+7.5	1898
88JAN28	0700	233.00	7.060	+7.5	1900
88JAN28	0800	234.00	7.070	+7.5	1903
88JAN28	0900	235.00	7.075	+7.5	1904
88JAN28	1000	236.00	7.085	+7.4	1907

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Locations: 16-5-2-29-W1M

Element No. D45300

Range (kPa): 13790

IHS: 52464

360 hr Clock #: 2904

Run Depth: 1030.2

Calib. Equations: 272.13

-28.36

Calib. Dates: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN28	1100	237.00	7.090	+7.4	1908
88JAN28	1200	238.00	7.100	+7.4	1911
88JAN28	1300	239.00	7.110	+7.3	1914
88JAN28	1400	240.00	7.115	+7.3	1915
88JAN28	1500	241.00	7.120	+7.3	1917
88JAN28	1600	242.00	7.130	+7.3	1919
88JAN28	1700	243.00	7.140	+7.3	1922
88JAN28	1800	244.00	7.150	+7.2	1925
88JAN28	1900	245.00	7.160	+7.2	1927
88JAN28	2000	246.00	7.165	+7.2	1929
88JAN28	2100	247.00	7.170	+7.2	1930
88JAN28	2200	248.00	7.180	+7.1	1933
88JAN28	2300	249.00	7.190	+7.1	1935
88JAN29	0000	250.00	7.200	+7.1	1938
88JAN29	0100	251.00	7.210	+7.1	1941
88JAN29	0200	252.00	7.210	+7.1	1941
88JAN29	0300	253.00	7.220	+7.0	1943
88JAN29	0400	254.00	7.230	+7.0	1946
88JAN29	0500	255.00	7.240	+7.0	1949
88JAN29	0600	256.00	7.245	+6.9	1950
88JAN29	0700	257.00	7.255	+6.9	1953
88JAN29	0800	258.00	7.260	+6.9	1954
88JAN29	0900	259.00	7.270	+6.9	1957
88JAN29	1000	260.00	7.285	+6.8	1961
88JAN29	1100	261.00	7.290	+6.8	1962
88JAN29	1200	262.00	7.295	+6.8	1964
88JAN29	1300	263.00	7.300	+6.8	1965
88JAN29	1400	264.00	7.310	+6.8	1968
88JAN29	1500	265.00	7.320	+6.7	1970
88JAN29	1600	266.00	7.330	+6.7	1973
88JAN29	1700	267.00	7.340	+6.7	1976
88JAN29	1800	268.00	7.340	+6.7	1976
88JAN29	1900	269.00	7.350	+6.6	1978
88JAN29	2000	270.00	7.360	+6.6	1981
88JAN29	2100	271.00	7.365	+6.6	1982
88JAN29	2200	272.00	7.370	+6.6	1984
88JAN29	2300	273.00	7.380	+6.5	1987
88JAN30	0000	274.00	7.390	+6.5	1989
88JAN30	0100	275.00	7.400	+6.5	1992
88JAN30	0200	276.00	7.405	+6.5	1993

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. D45300 Range (kPa): 13790

IHH: 52464

360 hr Clock #: 2904

Run Depth: 1030.2

Calib. Equation: 272.13 -28.36

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN30	0300	277.00	7.410	+6.5	1995
88JAN30	0400	278.00	7.420	+6.4	1997
88JAN30	0500	279.00	7.440	+6.4	2003
88JAN30	0600	280.00	7.445	+6.4	2004
88JAN30	0700	281.00	7.450	+6.3	2005
88JAN30	0800	282.00	7.455	+6.3	2007
88JAN30	0900	283.00	7.460	+6.3	2008
88JAN30	1000	284.00	7.470	+6.3	2011
88JAN30	1100	285.00	7.480	+6.3	2013
88JAN30	1200	286.00	7.485	+6.2	2015
88JAN30	1300	287.00	7.495	+6.2	2017
88JAN30	1400	288.00	7.500	+6.2	2019
88JAN30	1500	289.00	7.510	+6.2	2022
88JAN30	1600	290.00	7.520	+6.1	2024
88JAN30	1700	291.00	7.530	+6.1	2027
88JAN30	1800	292.00	7.535	+6.1	2028
88JAN30	1900	293.00	7.545	+6.1	2031
88JAN30	2000	294.00	7.550	+6.0	2032
88JAN30	2100	295.00	7.560	+6.0	2035
88JAN30	2200	296.00	7.570	+6.0	2038
88JAN30	2300	297.00	7.570	+6.0	2038
88JAN31	0000	298.00	7.580	+6.0	2040
88JAN31	0100	299.00	7.590	+5.9	2043
88JAN31	0200	300.00	7.595	+5.9	2044
88JAN31	0300	301.00	7.600	+5.9	2046
88JAN31	0400	302.00	7.610	+5.9	2048
88JAN31	0500	303.00	7.620	+5.8	2051
88JAN31	0600	304.00	7.630	+5.8	2054
88JAN31	0700	305.00	7.640	+5.8	2056
88JAN31	0800	306.00	7.640	+5.8	2056
88JAN31	0900	307.00	7.650	+5.8	2059
88JAN31	1000	308.00	7.660	+5.7	2062
88JAN31	1100	309.00	7.665	+5.7	2063
88JAN31	1200	310.00	7.670	+5.7	2065
88JAN31	1300	311.00	7.685	+5.6	2069
88JAN31	1400	312.00	7.690	+5.6	2070
88JAN31	1500	313.00	7.700	+5.6	2073
88JAN31	1600	314.00	7.705	+5.6	2074
88JAN31	1700	315.00	7.710	+5.6	2075
88JAN31	1800	316.00	7.730	+5.5	2081

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. D45300

Range (kPa): 13790

IHH: 52464

360 hr Clock #: 2904

Run Depth: 1030.2

Calib. Equation: 272.13 -28.36

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN31	1900	317.00	7.730	+5.5	2081
88JAN31	2000	318.00	7.740	+5.5	2083
88JAN31	2100	319.00	7.745	+5.5	2085
88JAN31	2200	320.00	7.750	+5.5	2086
88JAN31	2300	321.00	7.765	+5.4	2090
88FEB01	0000	322.00	7.770	+5.4	2091
88FEB01	0100	323.00	7.775	+5.4	2093
88FEB01	0200	324.00	7.780	+5.4	2094
88FEB01	0300	325.00	7.790	+5.3	2097
88FEB01	0400	326.00	7.800	+5.3	2100
88FEB01	0500	327.00	7.805	+5.3	2101
88FEB01	0600	328.00	7.810	+5.3	2102
88FEB01	0700	329.00	7.825	+5.2	2106
88FEB01	0800	330.00	7.830	+5.2	2108
88FEB01	0900	331.00	7.835	+5.2	2109
88FEB01	1000	332.00	7.840	+5.2	2110
88FEB01	1100	333.00	0.000	+28.4	0
88FEB01	1200	334.00	NOT LEGIBLE--OFF BOTTOM		

CHART READINGS AND CALCULATIONS

Company: HDME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. 51952

Range (kPa): 13790

IHH: D15522

360 hr Clock #: 2942

Run Depth: 1030

Calib. Equation: 277.55

11.32

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN18	1400	0.00	ON BOTTOM-NOT LEGIBLE		
88JAN18	2000	6.00	3.810	-3.9	1065
			SHUT IN		
88JAN18	2015	6.25	3.810	-3.9	1065
			FRICTION-BOTTOM RECORDER		
88JAN18	2030	6.50	3.810	-3.9	1065
88JAN18	2045	6.75	3.865	-3.8	1080
88JAN18	2100	7.00	3.930	-3.7	1098
88JAN18	2130	7.50	4.070	-3.4	1138
88JAN18	2200	8.00	4.140	-3.3	1157
88JAN18	2230	8.50	4.150	-3.3	1160
88JAN18	2300	9.00	4.210	-3.2	1177
88JAN18	2330	9.50	4.250	-3.1	1188
88JAN19	0000	10.00	4.280	-3.0	1196
88JAN19	0100	11.00	4.345	-2.9	1214
88JAN19	0200	12.00	4.395	-2.8	1228
88JAN19	0300	13.00	4.435	-2.7	1240
88JAN19	0400	14.00	4.470	-2.7	1249
88JAN19	0500	15.00	4.510	-2.6	1260
88JAN19	0600	16.00	4.540	-2.5	1269
88JAN19	0700	17.00	4.565	-2.5	1276
88JAN19	0800	18.00	4.590	-2.4	1283
88JAN19	0900	19.00	4.610	-2.4	1288
88JAN19	1000	20.00	4.630	-2.3	1294
88JAN19	1100	21.00	4.650	-2.3	1300
88JAN19	1200	22.00	4.670	-2.3	1305
88JAN19	1300	23.00	4.685	-2.2	1309
88JAN19	1400	24.00	4.705	-2.2	1315
88JAN19	1500	25.00	4.720	-2.2	1319
88JAN19	1600	26.00	4.740	-2.1	1325
88JAN19	1700	27.00	4.760	-2.1	1330
88JAN19	1800	28.00	4.780	-2.1	1336
88JAN19	1900	29.00	4.795	-2.0	1340
88JAN19	2000	30.00	4.810	-2.0	1344
88JAN19	2100	31.00	4.825	-2.0	1349
88JAN19	2200	32.00	4.840	-1.9	1353
88JAN19	2300	33.00	4.855	-1.9	1357
88JAN20	0000	34.00	4.870	-1.9	1361
88JAN20	0100	35.00	4.885	-1.8	1365
88JAN20	0200	36.00	4.900	-1.8	1369

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. 51952

Range (kPa): 13790

IH#: D15522

360 hr Clock #: 2942

Run Depth: 1030

Calib. Equation: 277.55

11.32

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN20	0300	37.00	4.920	-1.8	1375
88JAN20	0400	38.00	4.930	-1.8	1378
88JAN20	0500	39.00	4.945	-1.7	1382
88JAN20	0600	40.00	4.960	-1.7	1386
88JAN20	0700	41.00	4.980	-1.7	1392
88JAN20	0800	42.00	4.990	-1.6	1395
88JAN20	0900	43.00	5.005	-1.6	1399
88JAN20	1000	44.00	5.010	-1.6	1400
88JAN20	1100	45.00	5.020	-1.6	1403
88JAN20	1200	46.00	5.030	-1.6	1406
88JAN20	1300	47.00	5.040	-1.5	1409
88JAN20	1400	48.00	5.060	-1.5	1414
88JAN20	1500	49.00	5.070	-1.5	1417
88JAN20	1600	50.00	5.080	-1.5	1420
88JAN20	1700	51.00	5.090	-1.5	1423
88JAN20	1800	52.00	5.100	-1.4	1425
88JAN20	1900	53.00	5.115	-1.4	1430
88JAN20	2000	54.00	5.128	-1.4	1433
88JAN20	2100	55.00	5.140	-1.4	1437
88JAN20	2200	56.00	5.150	-1.3	1439
88JAN20	2300	57.00	5.165	-1.3	1444
88JAN21	0000	58.00	5.180	-1.3	1448
88JAN21	0100	59.00	5.190	-1.3	1451
88JAN21	0200	60.00	5.200	-1.2	1453
88JAN21	0300	61.00	5.210	-1.2	1456
88JAN21	0400	62.00	5.225	-1.2	1460
88JAN21	0500	63.00	5.235	-1.2	1463
88JAN21	0600	64.00	5.250	-1.1	1467
88JAN21	0700	65.00	5.260	-1.1	1470
88JAN21	0800	66.00	5.275	-1.1	1474
88JAN21	0900	67.00	5.290	-1.1	1478
88JAN21	1000	68.00	5.300	-1.0	1481
88JAN21	1100	69.00	5.310	-1.0	1484
88JAN21	1200	70.00	5.325	-1.0	1488
88JAN21	1300	71.00	5.330	-1.0	1490
88JAN21	1400	72.00	5.350	-0.9	1495
88JAN21	1500	73.00	5.360	-0.9	1498
88JAN21	1600	74.00	5.370	-0.9	1501
88JAN21	1700	75.00	5.380	-0.9	1504
88JAN21	1800	76.00	5.390	-0.9	1506

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. 51952

Range (kPa): 13790

INH: D15522

360 hr Clock #: 2942

Run Depth: 1030

Calib. Equation: 277.55

11.32

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN21	1900	77.00	5.400	-0.9	1509
88JAN21	2000	78.00	5.415	-0.8	1513
88JAN21	2100	79.00	5.430	-0.8	1518
88JAN21	2200	80.00	5.425	-0.8	1516
88JAN21	2300	81.00	5.445	-0.8	1522
88JAN22	0000	82.00	5.460	-0.7	1526
88JAN22	0100	83.00	5.470	-0.7	1529
88JAN22	0200	84.00	5.480	-0.7	1532
88JAN22	0300	85.00	5.490	-0.7	1534
88JAN22	0400	86.00	5.500	-0.7	1537
88JAN22	0500	87.00	5.510	-0.6	1540
88JAN22	0600	88.00	5.520	-0.6	1543
88JAN22	0700	89.00	5.530	-0.6	1546
88JAN22	0800	90.00	5.540	-0.6	1548
88JAN22	0900	91.00	5.550	-0.6	1551
88JAN22	1000	92.00	5.565	-0.5	1555
88JAN22	1100	93.00	5.575	-0.5	1558
88JAN22	1200	94.00	5.585	-0.5	1561
88JAN22	1300	95.00	5.595	-0.5	1564
88JAN22	1400	96.00	5.605	-0.5	1567
88JAN22	1500	97.00	5.620	-0.4	1571
88JAN22	1600	98.00	5.625	-0.4	1572
88JAN22	1700	99.00	5.630	-0.4	1574
88JAN22	1800	100.00	5.645	-0.4	1578
88JAN22	1900	101.00	5.660	-0.3	1582
88JAN22	2000	102.00	5.670	-0.3	1585
88JAN22	2100	103.00	5.680	-0.3	1587
88JAN22	2200	104.00	5.690	-0.3	1590
88JAN22	2300	105.00	5.700	-0.3	1593
88JAN23	0000	106.00	5.710	-0.3	1596
88JAN23	0100	107.00	5.720	-0.2	1599
88JAN23	0200	108.00	5.725	-0.2	1600
88JAN23	0300	109.00	5.735	-0.2	1603
88JAN23	0400	110.00	5.745	-0.2	1606
88JAN23	0500	111.00	5.755	-0.2	1608
88JAN23	0600	112.00	5.765	-0.1	1611
88JAN23	0700	113.00	5.775	-0.1	1614
88JAN23	0800	114.00	5.785	-0.1	1617
88JAN23	0900	115.00	5.790	-0.1	1618
88JAN23	1000	116.00	5.800	-0.1	1621

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. 51952

Range (kPa): 13790

IHM: D15522

360 hr Clock #: 2942

Run Depth: 1030

Calib. Equation: 277.55

11.32

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN23	1100	117.00	5.810	-0.1	1624
88JAN23	1200	118.00	5.820	-0.0	1627
88JAN23	1300	119.00	5.830	-0.0	1629
88JAN23	1400	120.00	5.845	+0.0	1634
88JAN23	1500	121.00	5.855	+0.0	1636
88JAN23	1600	122.00	5.865	+0.0	1639
88JAN23	1700	123.00	5.870	+0.1	1641
88JAN23	1800	124.00	5.880	+0.1	1643
88JAN23	1900	125.00	5.890	+0.1	1646
88JAN23	2000	126.00	5.900	+0.1	1649
88JAN23	2100	127.00	5.910	+0.1	1652
88JAN23	2200	128.00	5.915	+0.1	1653
88JAN23	2300	129.00	5.925	+0.2	1656
88JAN24	0000	130.00	5.930	+0.2	1657
88JAN24	0100	131.00	5.940	+0.2	1660
88JAN24	0200	132.00	5.955	+0.2	1664
88JAN24	0300	133.00	5.970	+0.3	1669
88JAN24	0400	134.00	5.975	+0.3	1670
88JAN24	0500	135.00	5.980	+0.3	1671
88JAN24	0600	136.00	5.990	+0.3	1674
88JAN24	0700	137.00	6.000	+0.3	1677
88JAN24	0800	138.00	6.010	+0.3	1680
88JAN24	0900	139.00	6.020	+0.4	1683
88JAN24	1000	140.00	6.030	+0.4	1685
88JAN24	1100	141.00	6.035	+0.4	1687
88JAN24	1200	142.00	6.050	+0.4	1691
88JAN24	1300	143.00	6.060	+0.4	1694
88JAN24	1400	144.00	6.065	+0.4	1695
88JAN24	1500	145.00	6.075	+0.5	1698
88JAN24	1600	146.00	6.080	+0.5	1699
88JAN24	1700	147.00	6.095	+0.5	1703
88JAN24	1800	148.00	6.100	+0.5	1705
88JAN24	1900	149.00	6.110	+0.5	1708
88JAN24	2000	150.00	6.120	+0.5	1710
88JAN24	2100	151.00	6.130	+0.6	1713
88JAN24	2200	152.00	6.140	+0.6	1716
88JAN24	2300	153.00	6.145	+0.6	1717
88JAN25	0000	154.00	6.155	+0.6	1720
88JAN25	0100	155.00	6.165	+0.6	1723
88JAN25	0200	156.00	6.175	+0.7	1726

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. 51952

Range (kPa): 13790

IHM: D15522

360 hr Clock #: 2942

Run Depth: 1030

Calib. Equation: 277.55

11.32

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN25	0300	157.00	6.185	+0.7	1729
88JAN25	0400	158.00	6.190	+0.7	1730
88JAN25	0500	159.00	6.200	+0.7	1733
88JAN25	0600	160.00	6.210	+0.7	1736
88JAN25	0700	161.00	6.220	+0.7	1738
88JAN25	0800	162.00	6.230	+0.8	1741
88JAN25	0900	163.00	6.240	+0.8	1744
88JAN25	1000	164.00	6.245	+0.8	1745
88JAN25	1100	165.00	6.250	+0.8	1747
88JAN25	1200	166.00	6.260	+0.8	1750
88JAN25	1300	167.00	6.270	+0.8	1752
88JAN25	1400	168.00	6.280	+0.9	1755
88JAN25	1500	169.00	6.285	+0.9	1757
88JAN25	1600	170.00	6.300	+0.9	1761
88JAN25	1700	171.00	6.305	+0.9	1762
88JAN25	1800	172.00	6.310	+0.9	1764
88JAN25	1900	173.00	6.320	+0.9	1766
88JAN25	2000	174.00	6.330	+1.0	1769
88JAN25	2100	175.00	6.340	+1.0	1772
88JAN25	2200	176.00	6.350	+1.0	1775
88JAN25	2300	177.00	6.355	+1.0	1776
88JAN26	0000	178.00	6.360	+1.0	1778
88JAN26	0100	179.00	6.375	+1.0	1782
88JAN26	0200	180.00	6.385	+1.1	1785
88JAN26	0300	181.00	6.390	+1.1	1786
88JAN26	0400	182.00	6.400	+1.1	1789
88JAN26	0500	183.00	6.410	+1.1	1792
88JAN26	0600	184.00	6.420	+1.1	1794
88JAN26	0700	185.00	6.425	+1.1	1796
88JAN26	0800	186.00	6.435	+1.2	1799
88JAN26	0900	187.00	6.445	+1.2	1801
88JAN26	1000	188.00	6.450	+1.2	1803
88JAN26	1100	189.00	6.460	+1.2	1805
88JAN26	1200	190.00	6.470	+1.2	1808
88JAN26	1300	191.00	6.475	+1.2	1810
88JAN26	1400	192.00	6.485	+1.3	1812
88JAN26	1500	193.00	6.490	+1.3	1814
88JAN26	1600	194.00	6.500	+1.3	1817
88JAN26	1700	195.00	6.510	+1.3	1819
88JAN26	1800	196.00	6.520	+1.3	1822

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. 51952

Range (kPa): 13790

IHH: D15522

360 hr Clock #: 2942

Run Depth: 1030

Calib. Equation: 277.55

11.32

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN26	1900	197.00	6.530	+1.3	1825
88JAN26	2000	198.00	6.530	+1.3	1825
88JAN26	2100	199.00	6.540	+1.4	1828
88JAN26	2200	200.00	6.550	+1.4	1831
88JAN26	2300	201.00	6.560	+1.4	1833
88JAN27	0000	202.00	6.570	+1.4	1836
88JAN27	0100	203.00	6.575	+1.4	1838
88JAN27	0200	204.00	6.585	+1.4	1840
88JAN27	0300	205.00	6.590	+1.5	1842
88JAN27	0400	206.00	6.595	+1.5	1843
88JAN27	0500	207.00	6.610	+1.5	1847
88JAN27	0600	208.00	6.615	+1.5	1849
88JAN27	0700	209.00	6.625	+1.5	1852
88JAN27	0800	210.00	6.630	+1.5	1853
88JAN27	0900	211.00	6.640	+1.6	1856
88JAN27	1000	212.00	6.650	+1.6	1859
88JAN27	1100	213.00	6.655	+1.6	1860
88JAN27	1200	214.00	6.660	+1.6	1861
88JAN27	1300	215.00	6.670	+1.6	1864
88JAN27	1400	216.00	6.680	+1.6	1867
88JAN27	1500	217.00	6.685	+1.6	1868
88JAN27	1600	218.00	6.695	+1.7	1871
88JAN27	1700	219.00	6.705	+1.7	1874
88JAN27	1800	220.00	6.710	+1.7	1875
88JAN27	1900	221.00	6.720	+1.7	1878
88JAN27	2000	222.00	6.730	+1.7	1881
88JAN27	2100	223.00	6.730	+1.7	1881
88JAN27	2200	224.00	6.740	+1.7	1884
88JAN27	2300	225.00	6.750	+1.8	1887
88JAN28	0000	226.00	6.760	+1.8	1889
88JAN28	0100	227.00	6.765	+1.8	1891
88JAN28	0200	228.00	6.775	+1.8	1894
88JAN28	0300	229.00	6.785	+1.8	1896
88JAN28	0400	230.00	6.790	+1.8	1898
88JAN28	0500	231.00	6.800	+1.9	1901
88JAN28	0600	232.00	6.805	+1.9	1902
88JAN28	0700	233.00	6.815	+1.9	1905
88JAN28	0800	234.00	6.825	+1.9	1908
88JAN28	0900	235.00	6.835	+1.9	1910
88JAN28	1000	236.00	6.840	+1.9	1912

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. 51952

Range (kPa): 13790

IH#: D15522

360 hr Clock #: 2942

Run Depth: 1030

Calib. Equation: 277.55

11.32

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN28	1100	237.00	6.850	+2.0	1914
88JAN28	1200	238.00	6.850	+2.0	1914
88JAN28	1300	239.00	6.860	+2.0	1917
88JAN28	1400	240.00	6.870	+2.0	1920
88JAN28	1500	241.00	6.880	+2.0	1923
88JAN28	1600	242.00	6.890	+2.0	1926
88JAN28	1700	243.00	6.895	+2.0	1927
88JAN28	1800	244.00	6.900	+2.1	1928
88JAN28	1900	245.00	6.910	+2.1	1931
88JAN28	2000	246.00	6.915	+2.1	1933
88JAN28	2100	247.00	6.920	+2.1	1934
88JAN28	2200	248.00	6.930	+2.1	1937
88JAN28	2300	249.00	6.940	+2.1	1940
88JAN29	0000	250.00	6.945	+2.1	1941
88JAN29	0100	251.00	6.955	+2.2	1944
88JAN29	0200	252.00	6.965	+2.2	1947
88JAN29	0300	253.00	6.970	+2.2	1948
88JAN29	0400	254.00	6.980	+2.2	1951
88JAN29	0500	255.00	6.980	+2.2	1951
88JAN29	0600	256.00	6.990	+2.2	1954
88JAN29	0700	257.00	7.000	+2.3	1956
88JAN29	0800	258.00	7.005	+2.3	1958
88JAN29	0900	259.00	7.015	+2.3	1961
88JAN29	1000	260.00	7.025	+2.3	1963
88JAN29	1100	261.00	7.030	+2.3	1965
88JAN29	1200	262.00	7.040	+2.3	1968
88JAN29	1300	263.00	7.050	+2.3	1970
88JAN29	1400	264.00	7.055	+2.4	1972
88JAN29	1500	265.00	7.060	+2.4	1973
88JAN29	1600	266.00	7.070	+2.4	1976
88JAN29	1700	267.00	7.080	+2.4	1979
88JAN29	1800	268.00	7.080	+2.4	1979
88JAN29	1900	269.00	7.090	+2.4	1982
88JAN29	2000	270.00	7.100	+2.4	1984
88JAN29	2100	271.00	7.105	+2.5	1986
88JAN29	2200	272.00	7.110	+2.5	1987
88JAN29	2300	273.00	7.120	+2.5	1990
88JAN30	0000	274.00	7.130	+2.5	1993
88JAN30	0100	275.00	7.140	+2.5	1996
88JAN30	0200	276.00	7.140	+2.5	1996

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. 51952

Range (kPa): 13790

IH#: D15522

360 hr Clock #: 2942

Run Depth: 1030

Calib. Equation: 277.55

11.32

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN30	0300	277.00	7.150	+2.5	1998
88JAN30	0400	278.00	7.160	+2.6	2001
88JAN30	0500	279.00	7.170	+2.6	2004
88JAN30	0600	280.00	7.175	+2.6	2005
88JAN30	0700	281.00	7.185	+2.6	2008
88JAN30	0800	282.00	7.190	+2.6	2010
88JAN30	0900	283.00	7.200	+2.6	2012
88JAN30	1000	284.00	7.200	+2.6	2012
88JAN30	1100	285.00	7.210	+2.7	2015
88JAN30	1200	286.00	7.220	+2.7	2018
88JAN30	1300	287.00	7.230	+2.7	2021
88JAN30	1400	288.00	7.230	+2.7	2021
88JAN30	1500	289.00	7.240	+2.7	2023
88JAN30	1600	290.00	7.245	+2.7	2025
88JAN30	1700	291.00	7.255	+2.7	2028
88JAN30	1800	292.00	7.260	+2.8	2029
88JAN30	1900	293.00	7.270	+2.8	2032
88JAN30	2000	294.00	7.275	+2.8	2033
88JAN30	2100	295.00	7.285	+2.8	2036
88JAN30	2200	296.00	7.290	+2.8	2037
88JAN30	2300	297.00	7.300	+2.8	2040
88JAN31	0000	298.00	7.310	+2.9	2043
88JAN31	0100	299.00	7.310	+2.9	2043
88JAN31	0200	300.00	7.320	+2.9	2046
88JAN31	0300	301.00	7.330	+2.9	2049
88JAN31	0400	302.00	7.330	+2.9	2049
88JAN31	0500	303.00	7.340	+2.9	2051
88JAN31	0600	304.00	7.350	+2.9	2054
88JAN31	0700	305.00	7.360	+2.9	2057
88JAN31	0800	306.00	7.360	+2.9	2057
88JAN31	0900	307.00	7.370	+3.0	2060
88JAN31	1000	308.00	7.375	+3.0	2061
88JAN31	1100	309.00	7.390	+3.0	2065
88JAN31	1200	310.00	7.390	+3.0	2065
88JAN31	1300	311.00	7.400	+3.0	2068
88JAN31	1400	312.00	7.410	+3.0	2071
88JAN31	1500	313.00	7.415	+3.1	2072
88JAN31	1600	314.00	7.430	+3.1	2077
88JAN31	1700	315.00	7.430	+3.1	2077
88JAN31	1800	316.00	7.440	+3.1	2079

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element No. 51952

Range (kPa): 13790

IH#: D15522

360 hr Clock #: 2942

Run Depth: 1030

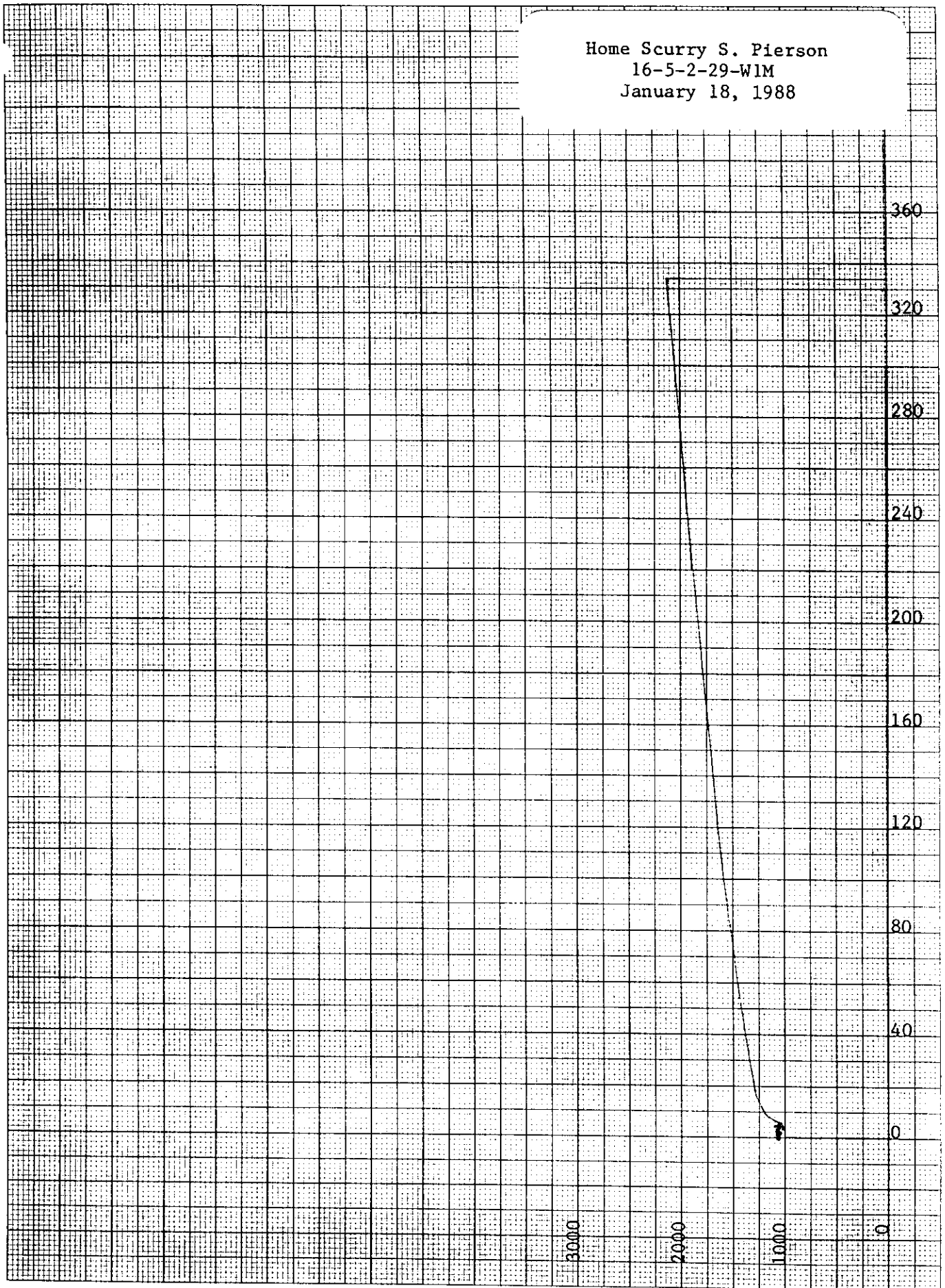
Calib. Equation: 277.55

11.32

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
88JAN31	1900	317.00	7.450	+3.1	2082
88JAN31	2000	318.00	7.455	+3.1	2084
88JAN31	2100	319.00	7.460	+3.1	2085
88JAN31	2200	320.00	7.470	+3.2	2088
88JAN31	2300	321.00	7.480	+3.2	2091
88FEB01	0000	322.00	7.490	+3.2	2093
88FEB01	0100	323.00	7.490	+3.2	2093
88FEB01	0200	324.00	7.500	+3.2	2096
88FEB01	0300	325.00	7.510	+3.2	2099
88FEB01	0400	326.00	7.510	+3.2	2099
88FEB01	0500	327.00	7.520	+3.3	2102
88FEB01	0600	328.00	7.530	+3.3	2105
88FEB01	0700	329.00	7.535	+3.3	2106
88FEB01	0800	330.00	7.545	+3.3	2109
88FEB01	0900	331.00	7.550	+3.3	2110
88FEB01	1000	332.00	7.560	+3.3	2113
88FEB01	1100	333.00	7.565	+3.3	2114
88FEB01	1200	334.00	NOT LEGIBLE--OFF BOTTOM		

Home Scurry S. Pierson
16-5-2-29-WIM
January 18, 1988



**MOUSE MOUNTAIN
WELL SERVICE LTD.**

COMPANY:HOME OIL COMPANY LIMITED

ADDRESS: CALGARY ALBERTA

FIELD-POOL: PIERSON/SPEARFISH

TYPE OF TEST: STATIC GRADIENT

PERF/OH INTERVAL: 1023.5-1034 KB

ELEVATIONS: (GD)474.3 (KB) 478.3

POOL DATUM:

WELL NAME: HOME SCURRY S. PIERSON

LOCATION: 16-5-2-29-W1M

WELL STATUS: OIL

DATE OF TEST: 88FEB01

PRODUCING THROUGH: TUBING

MP PROD. INTER: 1024.75

DATUM DEPTH:(CF)

SHUT IN: 2000 1/18/88

DWG PRESS:(KPA) T=125 C=310

RUN DEPTH TEMP:(C)

ON/OFF BTM: 1414-1419

	TOP RECORDER	BOTTOM RECORDER
ELEMENT SERIAL NO:	D45300	51952
RUN DEPTH:(MCF)	1030.2	1032
RUN DEPTH PRESS:(KPA)	2113	2110
GRADIENT-RUN DEPTH:(KPA/M)	9.505	9.695
PRESSURE AT MMP:(KPA)	2061	2040
DATUM DEPTH PRESS:(KPA)		

REMARKS:

Comp: HOME OIL COMPANY LIMITED

Location: 16-5-2-29-W1M

Element #: D45300 Range(kPa): 13790 IHH: 52464 3 hr Clock #: A15009

Run Date: 88FEB01 Calib. Equation: 272.13 -28.36 Calib. Date: 87OCT21

Depth Below cfs	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
-1.80	1325-1328	0.080	+28	22	0.000
198.20	1332-1335	0.080	+28	22	0.000
398.20	1338-1341	0.080	+28	22	0.000
598.20	1344-1347	0.080	+28	22	0.000
698.20	1349-1352	0.080	+28	22	0.000
798.20	1354-1357	0.760	+26	205	1.830
848.20	1358-1401	2.280	+22	614	8.183
898.20	1402-1405	3.770	+17	1015	8.021
948.20	1406-1409	5.255	+13	1415	7.994
998.20	1410-1413	6.720	+9	1809	7.887
1030.20	1414-1419	7.850	+5	2113	9.505

Element #: 51952 Range(kPa): 13790 IHH: D15522 3 hr Clock #: A14054

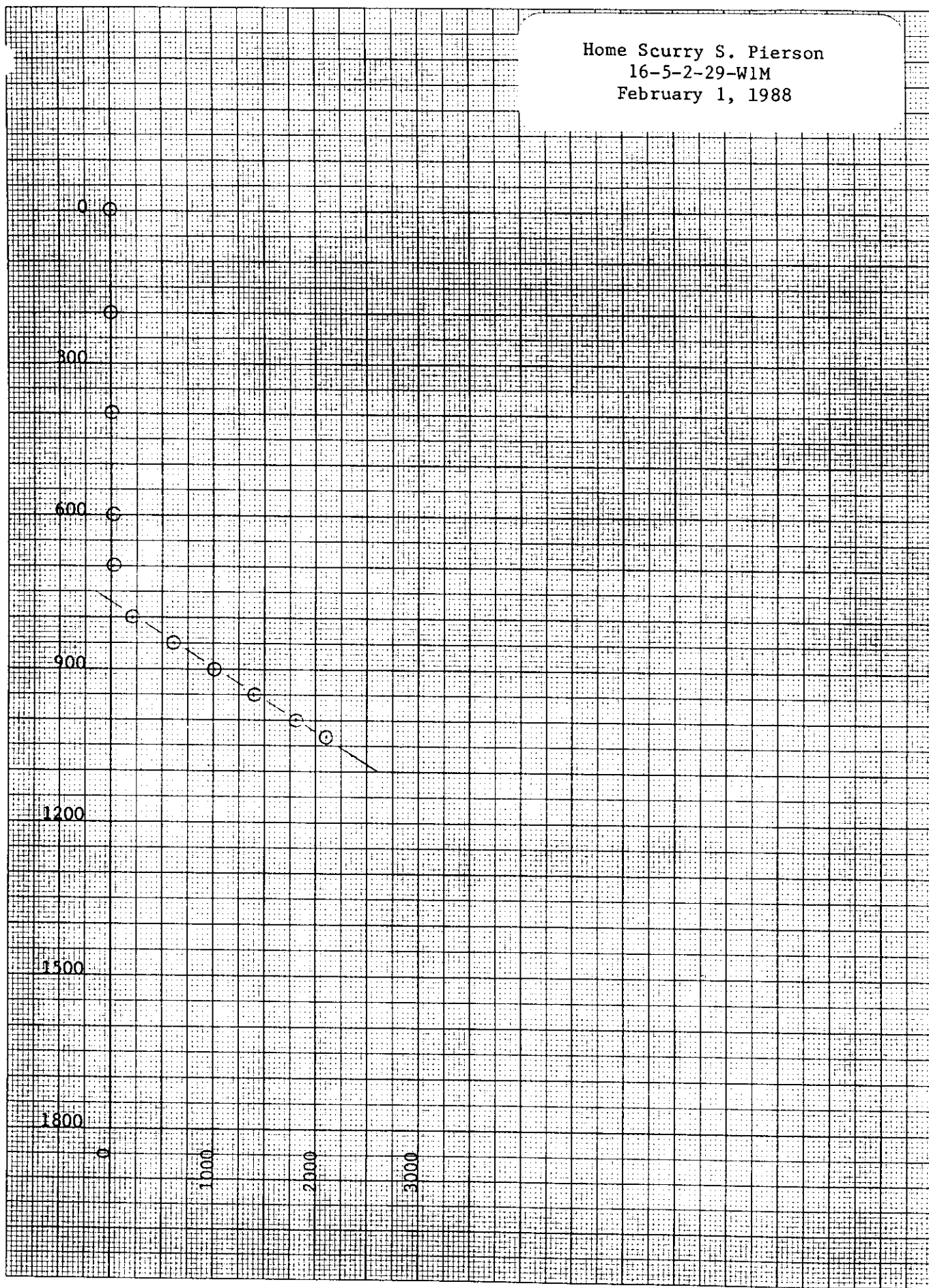
Run Date: 88FEB01 Calib. Equation: 277.55 11.32 Calib. Date: 87OCT22

Depth Below cfs	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
0.00	1325-1328	0.030	-11	8	0.000
200.00	1332-1335	0.030	-11	8	0.000
400.00	1338-1341	0.030	-11	8	0.000
600.00	1344-1347	0.050	-11	14	0.028
700.00	1349-1352	0.070	-11	20	0.056
800.00	1354-1357	0.760	-10	212	1.928
850.00	1358-1401	2.190	-7	612	7.993
900.00	1402-1405	3.625	-4	1013	8.021
950.00	1406-1409	5.040	-2	1409	7.910
1000.00	1410-1413	6.440	+1	1800	7.826
1032.00	1414-1419	7.550	+3	2110	9.695

46 1510

K•Σ 10 X 10 TO THE CENTIMETER 18 X 25 CM
KEUFFEL & ESSER CO. MADE IN U.S.A.

Home Scurry S. Pierson
16-5-2-29-W1M
February 1, 1988



MOOSE MOUNTAIN
WELL SERVICES LTD.

COMPANY:HOME OIL COMPANY LIMITED

ADDRESS: CALGARY ALBERTA

FIELD-POOL: PIERSON/SPEARFISH

TYPE OF TEST: SWAB-BUILDUP

PERF/OH INTERVAL: 1016-1025 KB

ELEVATIONS: (GD)465.2 (KB) 469.7

POOL DATUM:

WELL NAME: HOME SCURRY S. PIERSON

LOCATION: 4-1-2-29-W1M

WELL STATUS: OIL

DATE OF TEST: 87DEC13

PRODUCING THROUGH: TUBING

MP PROD. INTER: 1016 GD

DATUM DEPTH: (CF)

SHUT IN: 1300 12/15/87

DWG PRESS: (KPA) T=845 C=875

RUN DEPTH TEMP: (C) 40

ON/OFF BTM: 1457 12/13 - 1533 12/28

	TOP RECORDER	BOTTOM RECORDER
ELEMENT SERIAL NO:	49698	56416
RUN DEPTH: (MCF)	939.2	941
RUN DEPTH PRESS: (KPA)	9910	9945
GRADIENT-RUN DEPTH: (KPA/M)		
PRESSURE AT MMP: (KPA)	9122	9163
DATUM DEPTH PRESS: (KPA)		
REMARKS: FRICTION IN BOTTOM RECORDER		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Element No. 49698

Run Depth: 939.2

Range (kPa): 17237

Calib. Equation: 339.25

IHH: 36582

-10.65

Location: 4-1-2-29-W1M

360 hr Clock #: 2945

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC13	1457	0.00	ON BOTTOM		
87DEC13	1535	0.63	SWAB #1		
87DEC13	1540	0.72	8.080	+4.5	2735
87DEC13	1545	0.80	11.250	+1.4	3807
			SWAB #2		
87DEC13	1550	0.88	7.780	+4.7	2633
87DEC13	1555	0.97	SWAB #3		
87DEC13	1600	1.05	7.010	+5.3	2373
87DEC13	1605	1.13	SWAB #4		
87DEC13	1610	1.22	7.020	+5.3	2376
87DEC13	1615	1.30	SWAB #5		
87DEC13	1620	1.38	7.280	+5.1	2464
87DEC13	1624	1.45	SWAB #6		
87DEC13	1634	1.62	7.080	+5.3	2397
87DEC13	1642	1.75	SWAB #7		
87DEC13	1650	1.88	6.530	+5.7	2210
87DEC13	1657	2.00	SWAB #8		
87DEC13	1702	2.08	6.690	+5.6	2264
			SHUT IN		
87DEC13	1712	2.25	8.460	+4.2	2864
87DEC13	1727	2.50	10.760	+2.1	3642
87DEC13	1742	2.75	11.170	+1.5	3780
87DEC13	1757	3.00	11.540	+1.0	3905
87DEC13	1827	3.50	12.060	+0.3	4081
87DEC13	1857	4.00	12.070	+0.3	4084
87DEC13	1957	5.00	12.990	-1.0	4395
87DEC13	2057	6.00	13.990	-2.4	4733
87DEC13	2157	7.00	14.840	-3.6	5020
87DEC13	2257	8.00	15.595	-4.6	5275
87DEC14	0057	10.00	16.835	-6.3	5694
87DEC14	0257	12.00	17.835	-7.7	6032
87DEC14	0457	14.00	18.670	-8.9	6314
87DEC14	0657	16.00	19.400	-9.9	6561
87DEC14	0757	17.00	19.730	-10.4	6672
87DEC14	0857	18.00	19.920	-10.6	6737
			SWAB #9		
87DEC14	0905	18.13	0.000	+10.7	0
87DEC14	0910	18.22	SWAB #10		
87DEC14	0920	18.38	0.000	+10.7	0
87DEC14	0929	18.53	SWAB #11		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 49698

Range (kPa): 17237

IH#: 36582

360 hr Clock #: 2945

Run Depth: 939.2

Calib. Equation: 339.25 -10.65

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC14	0933	18.60	0.000	+10.7	0
87DEC14	0951	18.90	SWAB #12		
87DEC14	0956	18.98	0.000	+10.7	0
87DEC14	1003	19.10	SWAB #13		
87DEC14	1012	19.25	0.000	+10.7	0
87DEC14	1048	19.85	SWAB #14		
87DEC14	1104	20.12	11.520	+1.1	3899
87DEC14	1129	20.53	13.080	-1.1	4426
			SWAB #15		
87DEC14	1135	20.63	9.290	+3.6	3145
87DEC14	1144	20.78	13.070	-1.1	4422
			SWAB #16		
87DEC14	1149	20.87	9.120	+3.7	3087
87DEC14	1204	21.12	11.920	+0.5	4034
			SWAB #17		
87DEC14	1210	21.22	8.685	+4.0	2940
87DEC14	1222	21.42	11.160	+1.6	3777
			SWAB #18		
87DEC14	1229	21.53	9.380	+3.5	3175
87DEC14	1237	21.67	12.260	+0.0	4149
			SWAB #19		
87DEC14	1242	21.75	8.615	+4.1	2916
87DEC14	1257	22.00	10.065	+3.0	3407
			SWAB #20		
87DEC14	1302	22.08	7.815	+4.7	2645
87DEC14	1306	22.15	11.350	+1.3	3841
			SWAB #21		
87DEC14	1311	22.23	8.310	+4.3	2813
87DEC14	1322	22.42	11.770	+0.7	3983
			SWAB #22		
87DEC14	1327	22.50	8.750	+4.0	2962
87DEC14	1333	22.60	12.520	-0.3	4236
			SWAB #23		
87DEC14	1339	22.70	8.205	+4.4	2777
87DEC14	1357	23.00	13.210	-1.3	4470
			SWAB #24		
87DEC14	1411	23.23	8.830	+3.9	2989
87DEC14	1426	23.48	12.320	-0.1	4169
			SWAB #25		
87DEC14	1431	23.57	8.465	+4.2	2865

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Element No. 49698

Run Depth: 939.2

Range (kPa): 17237

Calib. Equation: 339.25 -10.65

Location: 4-1-2-29-W1M

IHM: 36582

360 hr Clock #: 2945

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC14	1443	23.77	12.280	-0.0	4155
			SWAB #26		
87DEC14	1502	24.08	8.950	+3.8	3029
87DEC14	1511	24.23	12.275	+0.0	4154
			SWAB #27		
87DEC14	1534	24.62	7.980	+4.6	2701
87DEC14	1541	24.73	11.915	+0.5	4032
			SWAB #28		
87DEC14	1602	25.08	8.315	+4.3	2815
87DEC14	1605	25.13	12.130	+0.2	4105
			SWAB #29		
87DEC14	1624	25.45	8.840	+3.9	2992
87DEC14	1628	25.52	11.520	+1.1	3899
			SWAB #30		
87DEC14	1636	25.65	8.690	+4.0	2941
87DEC14	1640	25.72	12.150	+0.2	4111
			SWAB #31		
87DEC14	1645	25.80	8.940	+3.9	3026
87DEC14	1648	25.85	11.130	+1.6	3767
			SWAB #32		
87DEC14	1659	26.03	8.620	+4.1	2918
			SHUT IN		
87DEC14	1712	26.25	10.080	+3.0	3412
87DEC14	1727	26.50	10.670	+2.2	3611
87DEC14	1742	26.75	11.040	+1.7	3736
87DEC14	1757	27.00	11.535	+1.0	3904
87DEC14	1827	27.50	12.220	+0.1	4135
87DEC14	1857	28.00	12.790	-0.7	4328
87DEC14	1957	29.00	13.815	-2.1	4674
87DEC14	2057	30.00	14.645	-3.3	4954
87DEC14	2157	31.00	15.330	-4.2	5186
87DEC14	2257	32.00	15.955	-5.1	5397
87DEC15	0057	34.00	17.000	-6.6	5750
87DEC15	0257	36.00	17.840	-7.7	6034
87DEC15	0457	38.00	18.570	-8.8	6280
87DEC15	0657	40.00	19.190	-9.6	6490
87DEC15	0757	41.00	19.480	-10.0	6588
87DEC15	0842	41.75	19.640	-10.2	6642
			SWAB #33		
87DEC15	0847	41.83	0.000	+10.7	0

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 49698

Range (kPa): 17237

IH#: 36582

360 hr Clock #: 2945

Run Depth: 939.2

Calib. Equation: 339.25 -10.65

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC15	0855	41.97	SWAB #34		
87DEC15	0905	42.13	0.000	+10.7	0
87DEC15	0912	42.25	SWAB #35		
87DEC15	0917	42.33	0.000	+10.7	0
87DEC15	0922	42.42	SWAB #36		
87DEC15	0928	42.52	0.000	+10.7	0
87DEC15	0934	42.62	SWAB #37		
87DEC15	0939	42.70	0.000	+10.7	0
87DEC15	0944	42.78	SWAB #38		
87DEC15	0949	42.87	0.000	+10.7	0
87DEC15	0955	42.97	10.900	+1.9	3689
			SWAB #39		
87DEC15	0959	43.03	8.345	+4.3	2825
87DEC15	1021	43.40	SWAB #40		
87DEC15	1036	43.65	8.160	+4.4	2762
87DEC15	1054	43.95	SWAB #41		
87DEC15	1101	44.07	8.880	+3.9	3006
87DEC15	1125	44.47	SWAB #42		
87DEC15	1130	44.55	8.410	+4.3	2847
87DEC15	1150	44.88	SWAB #43		
87DEC15	1200	45.05	0.000	+10.7	0
87DEC15	1215	45.30	SWAB #44		
87DEC15	1225	45.47	8.310	+4.3	2813
87DEC15	1232	45.58	SWAB #45		
87DEC15	1240	45.72	8.250	+4.4	2793
87DEC15	1250	45.88	SWAB #46		
87DEC15	1300	46.05	8.605	+4.1	2913
			SHUT IN		
87DEC15	1312	46.25	10.180	+2.9	3446
87DEC15	1327	46.50	10.795	+2.1	3654
87DEC15	1342	46.75	11.250	+1.4	3807
87DEC15	1357	47.00	11.730	+0.8	3970
87DEC15	1427	47.50	12.480	-0.3	4223
87DEC15	1457	48.00	13.085	-1.1	4427
87DEC15	1557	49.00	14.080	-2.5	4763
87DEC15	1657	50.00	14.905	-3.7	5042
87DEC15	1757	51.00	15.580	-4.6	5270
87DEC15	1857	52.00	16.150	-5.4	5463
87DEC15	1957	53.00	16.685	-6.1	5644
87DEC15	2057	54.00	17.160	-6.8	5804

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 49698

Range (kPa): 17237

IHH: 36582

360 hr Clock #: 2945

Run Depth: 939.2

Calib. Equation: 339.25 -10.65

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC15	2157	55.00	17.565	-7.4	5941
87DEC15	2257	56.00	17.960	-7.9	6074
87DEC15	2357	57.00	18.375	-8.5	6215
87DEC16	0057	58.00	18.655	-8.9	6309
87DEC16	0257	60.00	19.240	-9.7	6507
87DEC16	0457	62.00	19.745	-10.4	6677
87DEC16	0657	64.00	20.210	-11.0	6835
87DEC16	0857	66.00	20.620	-11.3	6973
87DEC16	1057	68.00	20.990	-11.4	7099
87DEC16	1257	70.00	21.325	-11.4	7212
87DEC16	1457	72.00	21.640	-11.5	7319
87DEC16	1657	74.00	21.930	-11.5	7418
87DEC16	1857	76.00	22.210	-11.6	7513
87DEC16	2057	78.00	22.470	-11.6	7601
87DEC16	2257	80.00	22.520	-11.6	7618
87DEC17	0057	82.00	22.940	-11.7	7760
87DEC17	0257	84.00	23.160	-11.7	7835
87DEC17	0457	86.00	23.360	-11.8	7902
87DEC17	0657	88.00	23.550	-11.8	7967
87DEC17	0857	90.00	23.735	-11.8	8030
87DEC17	1057	92.00	23.915	-11.8	8091
87DEC17	1257	94.00	24.075	-11.9	8145
87DEC17	1457	96.00	24.230	-11.9	8197
87DEC17	1657	98.00	24.390	-11.9	8252
87DEC17	1857	100.00	24.535	-11.9	8301
87DEC17	2057	102.00	24.675	-12.0	8348
87DEC17	2257	104.00	24.810	-12.0	8394
87DEC18	0057	106.00	24.945	-12.0	8440
87DEC18	0257	108.00	25.070	-12.0	8482
87DEC18	0457	110.00	25.190	-12.1	8523
87DEC18	0657	112.00	25.310	-12.1	8564
87DEC18	0857	114.00	25.420	-12.1	8601
87DEC18	1057	116.00	25.530	-12.1	8638
87DEC18	1257	118.00	25.630	-12.1	8672
87DEC18	1457	120.00	25.730	-12.1	8706
87DEC18	1857	124.00	25.915	-12.2	8769
87DEC18	2257	128.00	26.100	-12.2	8832
87DEC19	0257	132.00	26.270	-12.2	8889
87DEC19	0657	136.00	26.430	-12.3	8943
87DEC19	1057	140.00	26.585	-12.3	8996

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 49698

Range (kPa): 17237

IH#: 36582

360 hr Clock #: 2945

Run Depth: 939.2

Calib. Equation: 339.25 -10.65

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC19	1457	144.00	26.725	-12.3	9044
87DEC19	1857	148.00	26.860	-12.3	9089
87DEC19	2257	152.00	26.990	-12.3	9133
87DEC20	0257	156.00	27.100	-12.4	9171
87DEC20	0657	160.00	27.220	-12.4	9211
87DEC20	1057	164.00	27.330	-12.4	9249
87DEC20	1457	168.00	27.430	-12.4	9283
87DEC20	1857	172.00	27.525	-12.4	9315
87DEC20	2257	176.00	27.615	-12.4	9345
87DEC21	0257	180.00	27.700	-12.5	9374
87DEC21	0657	184.00	27.790	-12.5	9405
87DEC21	1057	188.00	27.870	-12.5	9432
87DEC21	1457	192.00	27.940	-12.5	9455
87DEC21	1857	196.00	28.010	-12.5	9479
87DEC21	2257	200.00	28.080	-12.5	9503
87DEC22	0257	204.00	28.145	-12.5	9525
87DEC22	0657	208.00	28.210	-12.5	9547
87DEC22	1057	212.00	28.265	-12.6	9566
87DEC22	1457	216.00	28.320	-12.6	9584
87DEC22	1857	220.00	28.365	-12.6	9600
87DEC22	2257	224.00	28.415	-12.6	9617
87DEC23	0257	228.00	28.465	-12.6	9634
87DEC23	0657	232.00	28.510	-12.6	9649
87DEC23	1057	236.00	28.555	-12.6	9664
87DEC23	1457	240.00	28.595	-12.6	9678
87DEC23	1857	244.00	28.630	-12.6	9689
87DEC23	2257	248.00	28.660	-12.6	9700
87DEC24	0257	252.00	28.700	-12.6	9713
87DEC24	0657	256.00	28.740	-12.6	9727
87DEC24	1057	260.00	28.765	-12.6	9735
87DEC24	1457	264.00	28.800	-12.6	9747
87DEC24	1857	268.00	28.820	-12.6	9754
87DEC24	2257	272.00	28.860	-12.6	9767
87DEC25	0257	276.00	28.885	-12.7	9776
87DEC25	0657	280.00	28.910	-12.7	9784
87DEC25	1057	284.00	28.940	-12.7	9795
87DEC25	1457	288.00	28.960	-12.7	9801
87DEC25	1857	292.00	28.980	-12.7	9808
87DEC25	2257	296.00	29.000	-12.7	9815
87DEC26	0257	300.00	29.030	-12.7	9825

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 49698

Range (kPa): 17237

IHH: 36582

360 hr Clock #: 2945

Run Depth: 939.2

Calib. Equation: 339.25 -10.65

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC26	0657	304.00	29.050	-12.7	9832
87DEC26	1057	308.00	29.070	-12.7	9839
87DEC26	1457	312.00	29.090	-12.7	9845
87DEC26	1857	316.00	29.110	-12.7	9852
87DEC26	2257	320.00	29.130	-12.7	9859
87DEC27	0257	324.00	29.145	-12.7	9864
87DEC27	0657	328.00	29.170	-12.7	9873
87DEC27	1057	332.00	29.185	-12.7	9878
87DEC27	1457	336.00	29.205	-12.7	9884
87DEC27	1857	340.00	29.220	-12.7	9890
87DEC27	2257	344.00	29.230	-12.7	9893
87DEC28	0257	348.00	29.250	-12.7	9900
87DEC28	0657	352.00	29.280	-12.7	9910
			END OF CHART		
87DEC28	1533	360.60	OFF BOTTOM		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 56416

Range (kPa): 17237

IH#: 49040

360 hr Clock #: 2942

Run Depth: 941

Calib. Equation: 349.24 -7.89

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC13	1457	0.00	9.240	+1.5	3221
87DEC13	1535	0.63	ON BOTTOM 10.200	+0.7	3555
87DEC13	1540	0.72	SWAB #1 8.030	+2.3	2799
87DEC13	1545	0.80	11.085	-0.0	3863
87DEC13	1550	0.88	SWAB #2 7.710	+2.5	2687
87DEC13	1555	0.97	11.080	-0.0	3862
87DEC13	1600	1.05	SWAB #3 7.400	+2.7	2579
87DEC13	1605	1.13	11.130	-0.1	3879
87DEC13	1610	1.22	SWAB #4 8.100	+2.3	2823
87DEC13	1615	1.30	11.340	-0.3	3952
87DEC13	1620	1.38	SWAB #5 7.260	+2.8	2530
87DEC13	1624	1.45	10.490	+0.5	3656
87DEC13	1634	1.62	SWAB #6 7.640	+2.6	2663
87DEC13	1642	1.75	9.050	+1.6	3154
87DEC13	1650	1.88	SWAB #7 7.210	+2.9	2513
87DEC13	1657	2.00	9.760	+1.1	3402
87DEC13	1702	2.08	SWAB #8 6.620	+3.3	2307
87DEC13	1712	2.25	SHUT IN 10.690	+0.3	3726
87DEC13	1727	2.50	12.920	-1.6	4503
87DEC13	1742	2.75	13.235	-1.9	4612
87DEC13	1757	3.00	13.270	-1.9	4625
87DEC13	1827	3.50	13.615	-2.2	4745
87DEC13	1857	4.00	13.995	-2.6	4877
87DEC13	1957	5.00	14.930	-3.4	5203
87DEC13	2057	6.00	15.570	-3.9	5426
87DEC13	2157	7.00	16.185	-4.5	5640
87DEC13	2257	8.00	16.800	-5.0	5854
87DEC14	0057	10.00	17.700	-5.8	6168
87DEC14	0257	12.00	18.560	-6.5	6467
87DEC14	0457	14.00	19.220	-7.1	6697

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 56416

Range (kPa): 17237

IHH: 49040

360 hr Clock #: 2942

Run Depth: 941

Calib. Equation: 349.24 -7.89

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC14	0657	16.00	19.470	-7.3	6784
87DEC14	0757	17.00	19.550	-7.4	6812
87DEC14	0857	18.00	19.525	-7.4	6804
			SWAB #9		
87DEC14	0905	18.13	15.720	-4.1	5478
87DEC14	0910	18.22	16.770	-5.0	5844
			SWAB #10		
87DEC14	0920	18.38	11.180	-0.1	3896
87DEC14	0929	18.53	14.490	-3.0	5050
			SWAB #11		
87DEC14	0933	18.60	10.710	+0.3	3733
87DEC14	0951	18.90	12.700	-1.4	4426
			SWAB #12		
87DEC14	0956	18.98	9.190	+1.5	3203
87DEC14	1003	19.10	12.095	-0.9	4215
			SWAB #13		
87DEC14	1012	19.25	8.610	+1.9	3001
87DEC14	1048	19.85	11.940	-0.8	4161
			SWAB #14		
87DEC14	1104	20.12	7.790	+2.5	2715
87DEC14	1129	20.53	11.640	-0.5	4057
			SWAB #15		
87DEC14	1135	20.63	8.200	+2.2	2858
87DEC14	1144	20.78	11.095	-0.0	3867
			SWAB #16		
87DEC14	1149	20.87	10.050	+0.9	3503
87DEC14	1204	21.12	12.110	-0.9	4220
			SWAB #17		
87DEC14	1210	21.22	8.720	+1.8	3039
87DEC14	1222	21.42	11.340	-0.3	3952
			SWAB #18		
87DEC14	1229	21.53	8.400	+2.0	2928
87DEC14	1237	21.67	12.680	-1.4	4419
			SWAB #19		
87DEC14	1242	21.75	8.880	+1.7	3095
87DEC14	1257	22.00	11.190	-0.1	3900
			SWAB #20		
87DEC14	1302	22.08	8.600	+1.9	2997
87DEC14	1306	22.15	11.540	-0.4	4022
			SWAB #21		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 56416

Range (kPa): 17237

IH#: 49040

360 hr Clock #: 2942

Run Depth: 941

Calib. Equation: 349.24 -7.89

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC14	1311	22.23	9.655	+1.2	3365
87DEC14	1322	22.42	12.260	-1.1	4273
			SWAB #22		
87DEC14	1327	22.50	9.860	+1.0	3437
87DEC14	1333	22.60	11.850	-0.7	4130
			SWAB #23		
87DEC14	1339	22.70	8.745	+1.8	3048
87DEC14	1357	23.00	11.955	-0.8	4166
			SWAB #24		
87DEC14	1411	23.23	8.520	+2.0	2970
87DEC14	1426	23.48	12.430	-1.2	4332
			SWAB #25		
87DEC14	1431	23.57	8.135	+2.2	2835
87DEC14	1443	23.77	11.805	-0.7	4114
			SWAB #26		
87DEC14	1502	24.08	8.375	+2.1	2919
87DEC14	1511	24.23	12.135	-0.9	4229
			SWAB #27		
87DEC14	1534	24.62	8.570	+1.9	2987
87DEC14	1541	24.73	11.230	-0.2	3914
			SWAB #28		
87DEC14	1602	25.08	8.450	+2.0	2945
87DEC14	1605	25.13	11.165	-0.1	3891
			SWAB #29		
87DEC14	1624	25.45	9.615	+1.2	3351
87DEC14	1628	25.52	11.755	-0.6	4097
			SWAB #30		
87DEC14	1636	25.65	8.855	+1.7	3086
87DEC14	1640	25.72	10.725	+0.3	3738
			SWAB #31		
87DEC14	1645	25.80	9.460	+1.3	3297
87DEC14	1648	25.85	10.840	+0.2	3778
			SWAB #32		
87DEC14	1659	26.03	8.540	+1.9	2977
			SHUT IN		
87DEC14	1712	26.25	13.400	-2.1	4670
87DEC14	1727	26.50	13.420	-2.1	4677
87DEC14	1742	26.75	13.445	-2.1	4686
87DEC14	1757	27.00	13.980	-2.6	4872
87DEC14	1827	27.50	14.010	-2.6	4882

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 56416

Range (kPa): 17237

IH#: 49040

360 hr Clock #: 2942

Run Depth: 941

Calib. Equation: 349.24 -7.89

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC14	1857	28.00	14.500	-3.0	5053
87DEC14	1957	29.00	15.300	-3.7	5332
87DEC14	2057	30.00	15.760	-4.1	5492
87DEC14	2157	31.00	16.430	-4.7	5725
87DEC14	2257	32.00	16.770	-5.0	5844
87DEC15	0057	34.00	17.680	-5.8	6161
87DEC15	0257	36.00	18.375	-6.4	6403
87DEC15	0457	38.00	18.720	-6.7	6523
87DEC15	0657	40.00	19.205	-7.1	6692
87DEC15	0757	41.00	19.210	-7.1	6694
87DEC15	0842	41.75	19.330	-7.2	6736
			SWAB #33		
87DEC15	0847	41.83	15.710	-4.1	5475
87DEC15	0855	41.97	19.650	-7.5	6847
			SWAB #34		
87DEC15	0905	42.13	13.240	-1.9	4614
87DEC15	0912	42.25	15.690	-4.0	5468
			SWAB #35		
87DEC15	0917	42.33	11.880	-0.7	4140
87DEC15	0922	42.42	14.180	-2.7	4942
			SWAB #36		
87DEC15	0928	42.52	11.030	+0.0	3844
87DEC15	0934	42.62	12.760	-1.5	4447
			SWAB #37		
87DEC15	0939	42.70	9.240	+1.5	3221
87DEC15	0944	42.78	12.330	-1.1	4297
			SWAB #38		
87DEC15	0949	42.87	8.840	+1.7	3081
87DEC15	0955	42.97	11.600	-0.5	4043
			SWAB #39		
87DEC15	0959	43.03	8.310	+2.1	2896
87DEC15	1021	43.40	12.390	-1.2	4318
			SWAB #40		
87DEC15	1036	43.65	7.810	+2.5	2722
87DEC15	1054	43.95	11.910	-0.8	4151
			SWAB #41		
87DEC15	1101	44.07	8.550	+1.9	2980
87DEC15	1125	44.47	12.740	-1.5	4440
			SWAB #42		
87DEC15	1130	44.55	8.820	+1.8	3074

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 56416

Range (kPa): 17237

IH#: 49040

360 hr Clock #: 2942

Run Depth: 941

Calib. Equation: 349.24 -7.89

Calib. Date: B7NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC15	1150	44.88	12.690	-1.4	4423
			SWAB #43		
87DEC15	1200	45.05	8.535	+2.0	2975
87DEC15	1215	45.30	12.490	-1.3	4353
			SWAB #44		
87DEC15	1225	45.47	7.990	+2.3	2785
87DEC15	1232	45.58	12.060	-0.9	4203
			SWAB #45		
87DEC15	1240	45.72	8.670	+1.9	3022
87DEC15	1250	45.88	12.050	-0.9	4200
			SWAB #46		
87DEC15	1300	46.05	8.570	+1.9	2987
			SHUT IN		
87DEC15	1312	46.25	10.930	+0.1	3809
87DEC15	1327	46.50	13.130	-1.8	4576
87DEC15	1342	46.75	13.140	-1.8	4579
87DEC15	1357	47.00	14.290	-2.8	4980
87DEC15	1427	47.50	14.320	-2.9	4990
87DEC15	1457	48.00	14.330	-2.9	4994
87DEC15	1557	49.00	15.020	-3.5	5234
87DEC15	1657	50.00	15.705	-4.1	5473
87DEC15	1757	51.00	16.290	-4.6	5677
87DEC15	1857	52.00	16.960	-5.2	5910
87DEC15	1957	53.00	17.245	-5.4	6009
87DEC15	2057	54.00	17.655	-5.8	6152
87DEC15	2157	55.00	18.130	-6.2	6318
87DEC15	2257	56.00	18.410	-6.4	6415
87DEC15	2357	57.00	18.700	-6.7	6516
87DEC16	0057	58.00	19.000	-6.9	6621
87DEC16	0257	60.00	19.480	-7.4	6788
87DEC16	0457	62.00	19.900	-7.7	6934
87DEC16	0657	64.00	20.300	-7.8	7074
87DEC16	0857	66.00	20.645	-8.0	7194
87DEC16	1057	68.00	20.970	-8.1	7308
87DEC16	1257	70.00	21.270	-8.2	7412
87DEC16	1457	72.00	21.570	-8.4	7517
87DEC16	1657	74.00	21.810	-8.5	7601
87DEC16	1857	76.00	22.055	-8.6	7686
87DEC16	2057	78.00	22.300	-8.7	7772
87DEC16	2257	80.00	22.520	-8.8	7848

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 56416

Range (kPa): 17237

IHM: 49040

360 hr Clock #: 2942

Run Depth: 941

Calib. Equation: 349.24 -7.89

Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC17	0057	82.00	22.720	-8.8	7918
87DEC17	0257	84.00	22.920	-8.9	7988
87DEC17	0457	86.00	23.100	-9.0	8051
87DEC17	0657	88.00	23.290	-9.1	8117
87DEC17	0857	90.00	23.450	-9.1	8173
87DEC17	1057	92.00	23.610	-9.2	8228
87DEC17	1257	94.00	23.760	-9.3	8281
87DEC17	1457	96.00	23.900	-9.3	8330
87DEC17	1657	98.00	24.040	-9.4	8378
87DEC17	1857	100.00	24.175	-9.4	8426
87DEC17	2057	102.00	24.300	-9.5	8469
87DEC17	2257	104.00	24.425	-9.5	8513
87DEC18	0057	106.00	24.550	-9.6	8556
87DEC18	0257	108.00	24.670	-9.6	8598
87DEC18	0457	110.00	24.775	-9.7	8635
87DEC18	0657	112.00	24.890	-9.7	8675
87DEC18	0857	114.00	24.995	-9.8	8712
87DEC18	1057	116.00	25.095	-9.8	8746
87DEC18	1257	118.00	25.190	-9.9	8780
87DEC18	1457	120.00	25.280	-9.9	8811
87DEC18	1857	124.00	25.450	-10.0	8870
87DEC18	2257	128.00	25.620	-10.0	8930
87DEC19	0257	132.00	25.775	-10.1	8984
87DEC19	0657	136.00	25.920	-10.2	9034
87DEC19	1057	140.00	26.060	-10.2	9083
87DEC19	1457	144.00	26.200	-10.3	9132
87DEC19	1857	148.00	26.320	-10.3	9174
87DEC19	2257	152.00	26.440	-10.4	9216
87DEC20	0257	156.00	26.545	-10.4	9252
87DEC20	0657	160.00	26.650	-10.5	9289
87DEC20	1057	164.00	26.750	-10.5	9324
87DEC20	1457	168.00	26.850	-10.5	9359
87DEC20	1857	172.00	26.940	-10.6	9390
87DEC20	2257	176.00	27.020	-10.6	9418
87DEC21	0257	180.00	27.100	-10.6	9446
87DEC21	0657	184.00	27.180	-10.7	9474
87DEC21	1057	188.00	27.250	-10.7	9498
87DEC21	1457	192.00	27.320	-10.7	9523
87DEC21	1857	196.00	27.380	-10.8	9544
87DEC21	2257	200.00	27.450	-10.8	9568

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

Element No. 56416

Range (kPa): 17237

IH#: 49040

360 hr Clock #: 2942

Run Depth: 941

Calib. Equation: 349.24 -7.89

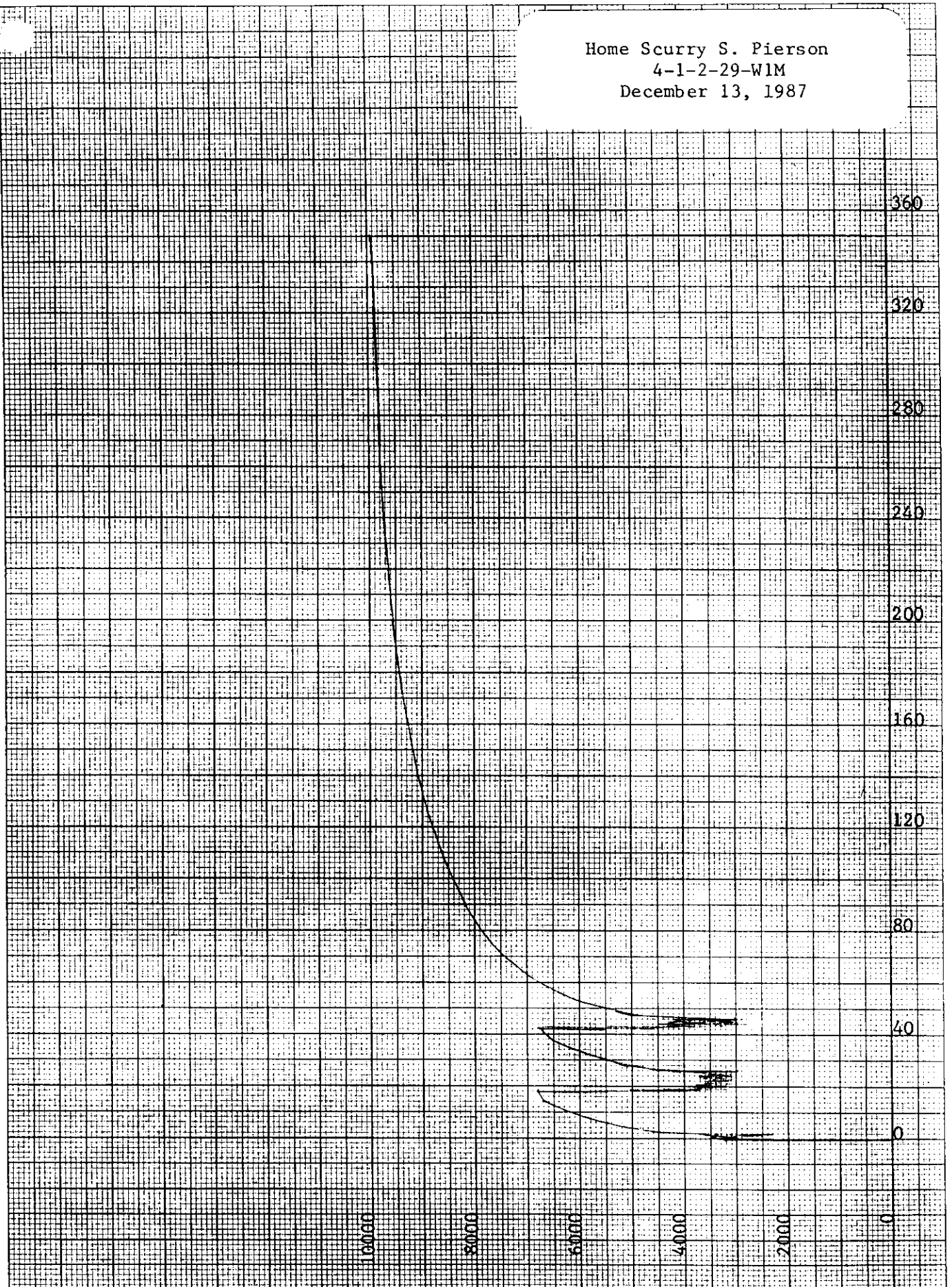
Calib. Date: 87NOV10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC22	0257	204.00	27.500	-10.8	9585
87DEC22	0657	208.00	27.555	-10.8	9605
87DEC22	1057	212.00	27.610	-10.9	9624
87DEC22	1457	216.00	27.660	-10.9	9641
87DEC22	1857	220.00	27.700	-10.9	9655
87DEC22	2257	224.00	27.750	-10.9	9673
87DEC23	0257	228.00	27.790	-10.9	9687
87DEC23	0657	232.00	27.830	-10.9	9701
87DEC23	1057	236.00	27.875	-11.0	9716
87DEC23	1457	240.00	27.910	-11.0	9728
87DEC23	1857	244.00	27.940	-11.0	9739
87DEC23	2257	248.00	27.975	-11.0	9751
87DEC24	0257	252.00	28.010	-11.0	9763
87DEC24	0657	256.00	28.040	-11.0	9774
87DEC24	1057	260.00	28.070	-11.0	9784
87DEC24	1457	264.00	28.090	-11.1	9791
87DEC24	1857	268.00	28.125	-11.1	9803
87DEC24	2257	272.00	28.150	-11.1	9812
87DEC25	0257	276.00	28.175	-11.1	9821
87DEC25	0657	280.00	28.200	-11.1	9830
87DEC25	1057	284.00	28.225	-11.1	9838
87DEC25	1457	288.00	28.250	-11.1	9847
87DEC25	1857	292.00	28.265	-11.1	9852
87DEC25	2257	296.00	28.285	-11.1	9859
87DEC26	0257	300.00	28.310	-11.1	9868
87DEC26	0657	304.00	28.325	-11.2	9873
87DEC26	1057	308.00	28.350	-11.2	9882
87DEC26	1457	312.00	28.365	-11.2	9887
87DEC26	1857	316.00	28.380	-11.2	9892
87DEC26	2257	320.00	28.400	-11.2	9899
87DEC27	0257	324.00	28.420	-11.2	9906
87DEC27	0657	328.00	28.435	-11.2	9912
87DEC27	1057	332.00	28.450	-11.2	9917
87DEC27	1457	336.00	28.470	-11.2	9924
87DEC27	1857	340.00	28.480	-11.2	9927
87DEC27	2257	344.00	28.495	-11.2	9932
87DEC28	0257	348.00	28.510	-11.2	9938
87DEC28	0657	352.00	28.530	-11.2	9945
87DEC28	1533	360.60	END OF CHART OFF BOTTOM		

Home Scurry S. Pierson
4-1-2-29-W1M
December 13, 1987

461510

K&S 10 X 10 TO THE CENTIMETER 18 X 25 CM.
KEUFFEL & ESSER CO. MADE IN U.S.A.



**MOOSE MOUNTAIN
WELL SERVICES LTD.**

COMPANY: HOME OIL COMPANY LIMITED

ADDRESS: CALGARY ALBERTA

FIELD-POOL: PIERSON/SPEARFISH

TYPE OF TEST: STATIC GRADIENT

PERF/OH INTERVAL: 1016-1025 KB

ELEVATIONS: (GD) 465.2 (KB) 469.7

POOL DATUM:

WELL NAME: HOME SCURRY S. PIERSON

LOCATION: 4-1-2-29-W1M

WELL STATUS: OIL

DATE OF TEST: 87DEC28

PRODUCING THROUGH: TUBING

MP PROD. INTER: 1016 GD

DATUM DEPTH: (CF)

SHUT IN: 1300 12/15/87

DWG PRESS: (KPA) T=845 C=875

RUN DEPTH TEMP: (C) 40

ON/OFF BTM: 1646 - 1656

TOP RECORDER

BOTTOM RECORDER

ELEMENT SERIAL NO:

49698

56416

RUN DEPTH: (MCF)

939.2

941

RUN DEPTH PRESS: (KPA)

9913

9950

GRADIENT-RUN DEPTH: (KPA/M)

10.255

10.422

PRESSURE AT MMP: (KPA)

~~9125~~
10700.6

~~9168~~
10731.6

DATUM DEPTH PRESS: (KPA)

REMARKS:

Company: HOME OIL COMPANY LIMITED

Location: 4-1-2-29-W1M

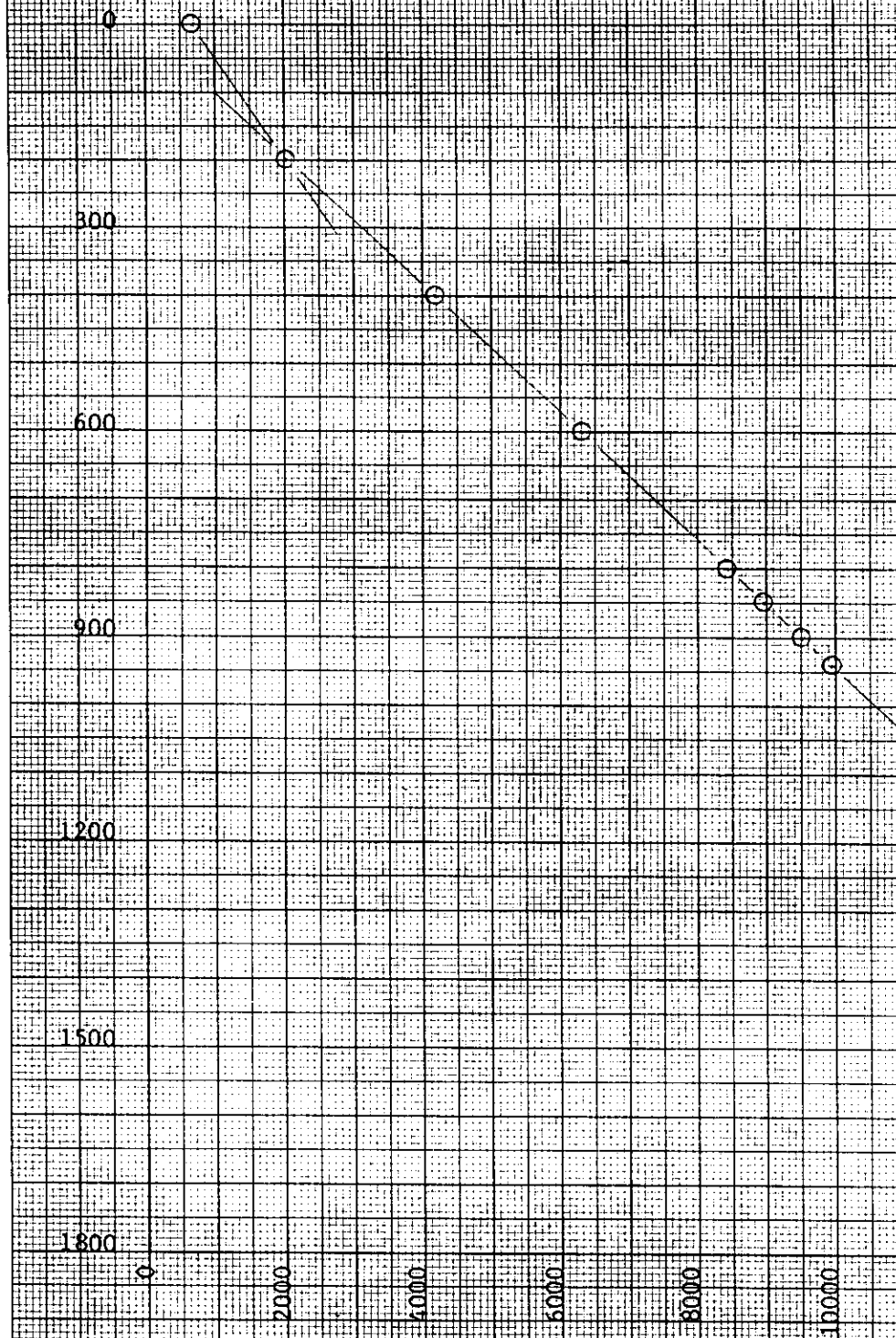
Element #: 49698 Range(kPa): 17237 IHH: 36582 3 hr Clock #: A14054
 Run Date: 87DEC28 Calib. Equation: 339.25 -10.65 Calib. Date: 87NOV10

Depth Below cfm	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
-1.80	1611-1614	1.985	+9	672	0.000
198.20	1617-1620	5.890	+6	1994	6.609
398.20	1623-1626	12.210	+0	4132	10.690
598.20	1628-1631	18.510	-9	6260	10.643
798.20	1634-1637	24.835	-12	8403	10.712
848.20	1638-1641	26.420	-12	8940	10.749
898.20	1642-1645	28.050	-13	9493	11.054
939.20	1646-1656	29.290	-13	9913	10.255

Element #: 56416 Range(kPa): 17237 IHH: 49040 3 hr Clock #: A15009
 Run Date: 87DEC28 Calib. Equation: 349.24 -7.89 Calib. Date: 87NOV10

Depth Below cfm	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
0.00	1611-1614	1.960	+7	683	0.000
200.00	1617-1620	5.830	+4	2032	6.744
400.00	1623-1626	11.990	-1	4179	10.733
600.00	1628-1631	18.120	-6	6314	10.677
800.00	1634-1637	24.260	-9	8455	10.705
850.00	1638-1641	25.785	-10	8987	10.639
900.00	1642-1645	27.320	-11	9523	10.709
941.00	1646-1656	28.545	-11	9950	10.422

Home Scurry S. Pierson
4-1-2-29-W1M
December 28, 1987



461510

MOOSE MOUNTAIN
WELL SERVICES LTD.

COMPANY:HOME OIL COMPANY LIMITED

ADDRESS: CALGARY ALBERTA

FIELD-POOL: PIERSON/SPEARFISH

TYPE OF TEST: SWAB-BUILDUP

PERF/OH INTERVAL: 1016-1022 KB

ELEVATIONS: (GD)466.9 (KB) 471.3

POOL DATUM:

WELL NAME: HOME SCURRY S. PIERSON

LOCATION: 8-10-2-29-W1M

WELL STATUS: OIL

DATE OF TEST: 87DEC13

PRODUCING THROUGH: TUBING

MP PROD. INTER: 1014.6 GD

DATUM DEPTH: (CF)

SHUT IN: 1300 12/14/87

DWG PRESS: (KPA) T=2370 C=1540

RUN DEPTH TEMP: (C) 40

ON/OFF BTM: 1306 12/13 - 1145 12/28

	TOP RECORDER	BOTTOM RECORDER
ELEMENT SERIAL NO:	53975	49699
RUN DEPTH: (MCF)	944.2	946
RUN DEPTH PRESS: (KPA)	9389	9350
GRADIENT-RUN DEPTH: (KPA/M)		
PRESSURE AT MMP: (KPA)	10137	10214
DATUM DEPTH PRESS: (KPA)		

REMARKS: BOTTOM RECORDER PACKED WITH SAND.

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 8-10-2-29-W1M

Element No. 53975 Range (kPa): 17237

IH#: D15276

360 hr Clock #: 2929

Run Depth: 944.2

Calib. Equation: 350.51

15.25

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC13	1305	0.00	ON BOTTOM-NOT LEGIBLE		
87DEC13	1405	1.00	NOT LEGIBLE		
87DEC13	1425	1.33	19.180	+11.2	6749
87DEC13	1456	1.85	22.150	+7.4	7786
			SWAB #2		
87DEC13	1510	2.08	19.640	+11.0	6910
87DEC13	1525	2.33	21.650	+8.2	7612
			SWAB #3		
87DEC13	1532	2.45	19.230	+11.2	6767
87DEC13	1600	2.92	21.880	+7.8	7692
			SWAB #4		
87DEC13	1605	3.00	19.100	+11.2	6721
87DEC13	1628	3.38	21.670	+8.1	7619
			SWAB #5		
87DEC13	1633	3.47	18.820	+11.3	6623
87DEC13	1647	3.70	21.270	+8.7	7479
			SWAB #6		
87DEC13	1652	3.78	18.330	+11.4	6451
			SHUT IN		
87DEC13	1705	4.00	21.000	+9.1	7385
87DEC13	1720	4.25	21.520	+8.4	7567
87DEC13	1735	4.50	21.770	+8.0	7654
87DEC13	1750	4.75	21.960	+7.7	7720
87DEC13	1805	5.00	22.120	+7.5	7776
87DEC13	1835	5.50	22.360	+7.1	7860
87DEC13	1905	6.00	22.560	+6.9	7930
87DEC13	1935	6.50	22.690	+6.7	7975
87DEC13	2005	7.00	22.795	+6.5	8012
87DEC13	2035	7.50	22.880	+6.4	8041
87DEC13	2105	8.00	22.970	+6.3	8073
87DEC13	2205	9.00	23.145	+6.0	8134
87DEC13	2305	10.00	23.295	+5.8	8186
87DEC14	0005	11.00	23.420	+5.6	8230
87DEC14	0105	12.00	23.535	+5.5	8270
87DEC14	0205	13.00	23.640	+5.3	8307
87DEC14	0305	14.00	23.730	+5.2	8338
87DEC14	0505	16.00	23.900	+4.9	8397
87DEC14	0705	18.00	24.040	+4.7	8446
87DEC14	0750	18.75	24.090	+4.7	8464
			SWAB #7		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 8-10-2-29-W1M

Element No. 53975

Range (kPa): 17237

IH#: D15276

360 hr Clock #: 2929

Run Depth: 944.2

Calib. Equation: 350.51

15.25

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC14	0800	18.92	20.710	+9.5	7284
87DEC14	0810	19.08	23.140	+6.0	8132
			SWAB #8		
87DEC14	0820	19.25	20.220	+10.2	7113
87DEC14	0830	19.42	21.990	+7.7	7731
			SWAB #9-BTM NOT LEGIBLE		
87DEC14	0840	19.58	19.500	+11.1	6861
87DEC14	0850	19.75	21.940	+7.7	7713
			SWAB #10		
87DEC14	0900	19.92	18.660	+11.3	6567
87DEC14	0910	20.08	SWAB #11-NOT LEGIBLE		
87DEC14	0920	20.25	18.530	+11.4	6522
87DEC14	0925	20.33	SWAB #12-NOT LEGIBLE		
87DEC14	0930	20.42	18.020	+11.5	6343
87DEC14	0938	20.55	20.325	+10.1	7149
			SWAB #13		
87DEC14	0945	20.67	17.710	+11.5	6234
87DEC14	1014	21.15	21.280	+8.7	7483
			SWAB #14		
87DEC14	1017	21.20	19.100	+11.2	6721
87DEC14	1043	21.63	21.565	+8.3	7582
			SWAB #15		
87DEC14	1052	21.78	18.830	+11.3	6627
87DEC14	1119	22.23	21.510	+8.4	7563
			SWAB #16		
87DEC14	1123	22.30	18.740	+11.3	6595
87DEC14	1147	22.70	21.420	+8.5	7532
			SWAB #17		
87DEC14	1152	22.78	18.950	+11.3	6669
87DEC14	1213	23.13	21.410	+8.5	7528
			SWAB #18		
87DEC14	1223	23.30	18.600	+11.3	6546
87DEC14	1245	23.67	21.220	+8.8	7462
			SWAB #19		
87DEC14	1250	23.75	18.310	+11.4	6444
			SHUT IN		
87DEC14	1305	24.00	20.670	+9.6	7270
87DEC14	1320	24.25	21.490	+8.4	7556
87DEC14	1335	24.50	21.710	+8.1	7633
87DEC14	1350	24.75	21.730	+8.1	7640

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 8-10-2-29-W1M

Element No. 53975

Range (kPa): 17237

IH#: D15276

360 hr Clock #: 2929

Run Depth: 944.2

Calib. Equation: 350.51

15.25

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC14	1405	25.00	21.985	+7.7	7729
87DEC14	1435	25.50	22.230	+7.3	7814
87DEC14	1505	26.00	22.680	+6.7	7972
87DEC14	1535	26.50	22.680	+6.7	7972
87DEC14	1605	27.00	22.680	+6.7	7972
87DEC14	1635	27.50	22.750	+6.6	7996
87DEC14	1705	28.00	22.820	+6.5	8020
87DEC14	1805	29.00	22.980	+6.3	8076
87DEC14	1905	30.00	23.135	+6.0	8130
87DEC14	2005	31.00	23.285	+5.8	8183
87DEC14	2105	32.00	23.380	+5.7	8216
87DEC14	2205	33.00	23.490	+5.5	8254
87DEC14	2305	34.00	23.610	+5.4	8296
87DEC15	0005	35.00	23.630	+5.3	8303
87DEC15	0105	36.00	23.765	+5.1	8350
87DEC15	0305	38.00	23.910	+4.9	8401
87DEC15	0505	40.00	24.040	+4.7	8446
87DEC15	0705	42.00	24.155	+4.6	8486
87DEC15	0905	44.00	24.260	+4.4	8523
87DEC15	1105	46.00	24.350	+4.3	8554
87DEC15	1305	48.00	24.440	+4.2	8586
87DEC15	1505	50.00	24.515	+4.1	8612
87DEC15	1705	52.00	24.590	+3.9	8638
87DEC15	1905	54.00	24.660	+3.8	8663
87DEC15	2105	56.00	24.715	+3.8	8682
87DEC15	2305	58.00	24.780	+3.7	8705
87DEC16	0105	60.00	24.835	+3.6	8724
87DEC16	0305	62.00	24.890	+3.5	8743
87DEC16	0505	64.00	24.945	+3.4	8762
87DEC16	0705	66.00	24.990	+3.4	8778
87DEC16	0905	68.00	25.040	+3.3	8795
87DEC16	1105	70.00	25.080	+3.2	8809
87DEC16	1305	72.00	25.130	+3.2	8827
87DEC16	1505	74.00	25.170	+3.1	8841
87DEC16	1705	76.00	25.205	+3.1	8853
87DEC16	1905	78.00	25.250	+3.0	8869
87DEC16	2105	80.00	25.280	+3.0	8879
87DEC16	2305	82.00	25.320	+2.9	8893
87DEC17	0105	84.00	25.350	+2.9	8904
87DEC17	0305	86.00	25.385	+2.8	8916

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: B-10-2-29-W1M

Element No. 53975

Range (kPa): 17237

IH#: D15276

360 hr Clock #: 2929

Run Depth: 944.2

Calib. Equation: 350.51

15.25

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC17	0505	88.00	25.420	+2.8	8928
87DEC17	0705	90.00	25.445	+2.7	8937
87DEC17	0905	92.00	25.480	+2.7	8949
87DEC17	1105	94.00	25.510	+2.6	8959
87DEC17	1305	96.00	25.535	+2.6	8968
87DEC17	1505	98.00	25.560	+2.6	8977
87DEC17	1705	100.00	25.585	+2.5	8986
87DEC17	1905	102.00	25.610	+2.5	8994
87DEC17	2105	104.00	25.630	+2.5	9001
87DEC17	2305	106.00	25.660	+2.4	9012
87DEC18	0105	108.00	25.675	+2.4	9017
87DEC18	0305	110.00	25.700	+2.4	9026
87DEC18	0505	112.00	25.720	+2.3	9033
87DEC18	0705	114.00	25.750	+2.3	9043
87DEC18	0905	116.00	25.760	+2.3	9047
87DEC18	1105	118.00	25.785	+2.2	9055
87DEC18	1305	120.00	25.800	+2.2	9061
87DEC18	1705	124.00	25.840	+2.2	9075
87DEC18	2105	128.00	25.870	+2.1	9085
87DEC19	0105	132.00	25.910	+2.1	9099
87DEC19	0505	136.00	25.940	+2.0	9109
87DEC19	0905	140.00	25.970	+2.0	9120
87DEC19	1305	144.00	26.000	+1.9	9130
87DEC19	1705	148.00	26.030	+1.9	9141
87DEC19	2105	152.00	26.055	+1.8	9150
87DEC20	0105	156.00	26.080	+1.8	9158
87DEC20	0505	160.00	26.110	+1.8	9169
87DEC20	0905	164.00	26.130	+1.7	9176
87DEC20	1305	168.00	26.160	+1.7	9186
87DEC20	1705	172.00	26.175	+1.7	9192
87DEC20	2105	176.00	26.200	+1.6	9200
87DEC21	0105	180.00	26.210	+1.6	9204
87DEC21	0505	184.00	26.235	+1.6	9212
87DEC21	0905	188.00	26.260	+1.6	9221
87DEC21	1305	192.00	26.270	+1.5	9225
87DEC21	1705	196.00	26.290	+1.5	9232
87DEC21	2105	200.00	26.310	+1.5	9239
87DEC22	0105	204.00	26.330	+1.5	9246
87DEC22	0505	208.00	26.340	+1.4	9249
87DEC22	0905	212.00	26.360	+1.4	9256

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: B-10-2-29-W1M

Element No. 53975

Range (kPa): 17237

IHM: D15276

360 hr Clock #: 2929

Run Depth: 944.2

Calib. Equation: 350.51

15.25

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC22	1305	216.00	26.375	+1.4	9261
87DEC22	1705	220.00	26.390	+1.4	9267
87DEC22	2105	224.00	26.400	+1.4	9270
87DEC23	0105	228.00	26.415	+1.3	9275
87DEC23	0505	232.00	26.435	+1.3	9282
87DEC23	0905	236.00	26.450	+1.3	9288
87DEC23	1305	240.00	26.460	+1.3	9291
87DEC23	1705	244.00	26.470	+1.3	9295
87DEC23	2105	248.00	26.490	+1.2	9301
87DEC24	0105	252.00	26.500	+1.2	9305
87DEC24	0505	256.00	26.510	+1.2	9308
87DEC24	0905	260.00	26.520	+1.2	9312
87DEC24	1305	264.00	26.530	+1.2	9315
87DEC24	1705	268.00	26.540	+1.2	9319
87DEC24	2105	272.00	26.550	+1.1	9322
87DEC25	0105	276.00	26.560	+1.1	9326
87DEC25	0505	280.00	26.575	+1.1	9331
87DEC25	0905	284.00	26.580	+1.1	9333
87DEC25	1305	288.00	26.590	+1.1	9336
87DEC25	1705	292.00	26.600	+1.1	9340
87DEC25	2105	296.00	26.610	+1.1	9343
87DEC26	0105	300.00	26.620	+1.0	9347
87DEC26	0505	304.00	26.620	+1.0	9347
87DEC26	0905	308.00	26.635	+1.0	9352
87DEC26	1305	312.00	26.645	+1.0	9356
87DEC26	1705	316.00	26.650	+1.0	9357
87DEC26	2105	320.00	26.660	+1.0	9361
87DEC27	0105	324.00	26.670	+1.0	9364
87DEC27	0505	328.00	26.675	+1.0	9366
87DEC27	0905	332.00	26.685	+0.9	9370
87DEC27	1305	336.00	26.690	+0.9	9371
87DEC27	1705	340.00	26.690	+0.9	9371
87DEC27	2105	344.00	26.700	+0.9	9375
87DEC28	0105	348.00	26.710	+0.9	9378
87DEC28	0505	352.00	26.720	+0.9	9382
87DEC28	0905	356.00	26.730	+0.9	9385
87DEC28	1145	358.67	26.740	+0.9	9389

OFF BOTTOM

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: B-10-2-29-W1M

Element No. 49699

Range (kPa): 17237

IH#: D15584

360 hr Clock #: 2904

Run Depth: 946

Calib. Equation: 336.43 -3.18

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC13	1305	0.00	ON BOTTOM-NOT LEGIBLE		
87DEC13	1405	1.00	NOT LEGIBLE		
87DEC13	1425	1.33	20.015	-2.1	6728
87DEC13	1456	1.85	SWAB #2		
87DEC13	1510	2.08	20.450	-2.3	6875
87DEC13	1525	2.33	SWAB #3		
87DEC13	1532	2.45	20.060	-2.1	6744
87DEC13	1600	2.92	22.790	-3.5	7661
			SWAB #4		
87DEC13	1605	3.00	19.920	-2.0	6696
87DEC13	1628	3.38	22.610	-3.4	7600
			SWAB #5		
87DEC13	1633	3.47	19.630	-1.9	6599
87DEC13	1647	3.70	22.120	-3.2	7435
			SWAB #6		
87DEC13	1652	3.78	19.130	-1.6	6431
			SHUT IN		
87DEC13	1705	4.00	21.860	-3.0	7348
87DEC13	1720	4.25	22.280	-3.3	7489
87DEC13	1735	4.50	22.550	-3.4	7580
87DEC13	1750	4.75	22.785	-3.5	7659
87DEC13	1805	5.00	22.970	-3.6	7721
87DEC13	1835	5.50	23.235	-3.8	7810
87DEC13	1905	6.00	23.460	-3.9	7886
87DEC13	1935	6.50	23.610	-4.0	7936
87DEC13	2005	7.00	23.720	-4.1	7973
87DEC13	2035	7.50	23.830	-4.1	8010
87DEC13	2105	8.00	23.925	-4.2	8042
87DEC13	2205	9.00	24.100	-4.3	8101
87DEC13	2305	10.00	24.245	-4.3	8149
87DEC14	0005	11.00	24.380	-4.4	8195
87DEC14	0105	12.00	24.500	-4.5	8235
87DEC14	0205	13.00	24.615	-4.5	8274
87DEC14	0305	14.00	24.710	-4.6	8305
87DEC14	0505	16.00	24.890	-4.7	8366
87DEC14	0705	18.00	25.040	-4.8	8416
87DEC14	0750	18.75	25.115	-4.8	8441
			SWAB #7		
87DEC14	0800	18.92	22.780	-3.5	7657
87DEC14	0810	19.08	24.100	-4.3	8101
			SWAB #8		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 8-10-2-29-W1M

Element No. 49699

Range (kPa): 17237

IH#: D15584

360 hr Clock #: 2904

Run Depth: 946

Calib. Equation: 336.43 -3.18

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC14	0820	19.25	22.390	-3.3	7526
87DEC14	0830	19.42	SWAB #9-BTM NOT LEGIBLE		
87DEC14	0840	19.58	20.325	-2.2	6833
87DEC14	0850	19.75	22.880	-3.6	7691
			SWAB #10		
87DEC14	0900	19.92	19.470	-1.8	6545
87DEC14	0910	20.08	SWAB #11-NOT LEGIBLE		
87DEC14	0920	20.25	19.330	-1.7	6498
87DEC14	0925	20.33	SWAB #12-NOT LEGIBLE		
87DEC14	0930	20.42	18.800	-1.5	6320
87DEC14	0938	20.55	21.040	-2.6	7073
			SWAB #13		
87DEC14	0945	20.67	18.470	-1.3	6209
87DEC14	1014	21.15	22.170	-3.2	7452
			SWAB #14		
87DEC14	1017	21.20	19.925	-2.0	6698
87DEC14	1043	21.63	22.420	-3.3	7536
			SWAB #15		
87DEC14	1052	21.78	19.655	-1.9	6607
87DEC14	1119	22.23	22.040	-3.1	7409
			SWAB #16		
87DEC14	1123	22.30	19.540	-1.8	6569
87DEC14	1147	22.70	22.040	-3.1	7409
			SWAB #17		
87DEC14	1152	22.78	19.775	-1.9	6648
87DEC14	1213	23.13	22.030	-3.1	7405
			SWAB #18		
87DEC14	1223	23.30	19.410	-1.8	6525
87DEC14	1245	23.67	21.840	-3.0	7341
			SWAB #19		
87DEC14	1250	23.75	19.110	-1.6	6424
			SHUT IN		
87DEC14	1305	24.00	21.270	-2.7	7150
87DEC14	1320	24.25	21.800	-3.0	7328
87DEC14	1335	24.50	22.045	-3.1	7410
87DEC14	1350	24.75	22.220	-3.2	7469
87DEC14	1405	25.00	22.360	-3.3	7516
87DEC14	1435	25.50	22.565	-3.4	7585
87DEC14	1505	26.00	22.720	-3.5	7637
87DEC14	1535	26.50	22.840	-3.6	7677

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: B-10-2-29-W1M

Element No. 49699

Range (kPa): 17237

IHM: D15584

360 hr Clock #: 2904

Run Depth: 946

Calib. Equation: $336.43 - 3.18$

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC14	1605	27.00	22.940	-3.6	7711
87DEC14	1635	27.50	23.030	-3.7	7741
87DEC14	1705	28.00	23.110	-3.7	7768
87DEC14	1805	29.00	23.260	-3.8	7818
87DEC14	1905	30.00	23.380	-3.9	7859
87DEC14	2005	31.00	23.500	-3.9	7899
87DEC14	2105	32.00	23.580	-4.0	7926
87DEC14	2205	33.00	23.660	-4.0	7953
87DEC14	2305	34.00	23.740	-4.1	7980
87DEC15	0005	35.00	23.820	-4.1	8006
87DEC15	0105	36.00	23.890	-4.1	8030
87DEC15	0305	38.00	24.010	-4.2	8070
87DEC15	0505	40.00	24.110	-4.3	8104
87DEC15	0705	42.00	24.210	-4.3	8137
87DEC15	0905	44.00	24.300	-4.4	8168
87DEC15	1105	46.00	24.380	-4.4	8195
87DEC15	1305	48.00	24.440	-4.4	8215
87DEC15	1505	50.00	24.510	-4.5	8238
87DEC15	1705	52.00	24.570	-4.5	8258
87DEC15	1905	54.00	24.625	-4.5	8277
87DEC15	2105	56.00	24.680	-4.6	8295
87DEC15	2305	58.00	24.730	-4.6	8312
87DEC16	0105	60.00	24.780	-4.6	8329
87DEC16	0305	62.00	24.830	-4.7	8346
87DEC16	0505	64.00	24.870	-4.7	8359
87DEC16	0705	66.00	24.920	-4.7	8376
87DEC16	0905	68.00	24.960	-4.7	8389
87DEC16	1105	70.00	24.995	-4.7	8401
87DEC16	1305	72.00	25.030	-4.8	8413
87DEC16	1505	74.00	25.070	-4.8	8426
87DEC16	1705	76.00	25.100	-4.8	8436
87DEC16	1905	78.00	25.130	-4.8	8446
87DEC16	2105	80.00	25.150	-4.8	8453
87DEC16	2305	82.00	25.190	-4.9	8467
87DEC17	0105	84.00	25.215	-4.9	8475
87DEC17	0305	86.00	25.250	-4.9	8487
87DEC17	0505	88.00	25.270	-4.9	8494
87DEC17	0705	90.00	25.300	-4.9	8504
87DEC17	0905	92.00	25.330	-4.9	8514
87DEC17	1105	94.00	25.345	-4.9	8519

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 8-10-2-29-W1M

Element No. 49699

Range (kPa): 17237

IHH: D15584

360 hr Clock #: 2904

Run Depth: 946

Calib. Equation: $336.43 - 3.18$

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC17	1305	96.00	25.370	-5.0	8527
87DEC17	1505	98.00	25.400	-5.0	8537
87DEC17	1705	100.00	25.415	-5.0	8542
87DEC17	1905	102.00	25.440	-5.0	8551
87DEC17	2105	104.00	25.455	-5.0	8556
87DEC17	2305	106.00	25.475	-5.0	8562
87DEC18	0105	108.00	25.490	-5.0	8567
87DEC18	0305	110.00	25.515	-5.0	8576
87DEC18	0505	112.00	25.530	-5.0	8581
87DEC18	0705	114.00	25.550	-5.0	8588
87DEC18	0905	116.00	25.570	-5.1	8594
87DEC18	1105	118.00	25.590	-5.1	8601
87DEC18	1305	120.00	25.605	-5.1	8606
87DEC18	1705	124.00	25.640	-5.1	8618
87DEC18	2105	128.00	25.670	-5.1	8628
87DEC19	0105	132.00	25.695	-5.1	8636
87DEC19	0505	136.00	25.720	-5.1	8645
87DEC19	0905	140.00	25.755	-5.2	8656
87DEC19	1305	144.00	25.780	-5.2	8665
87DEC19	1705	148.00	25.805	-5.2	8673
87DEC19	2105	152.00	25.825	-5.2	8680
87DEC20	0105	156.00	25.850	-5.2	8688
87DEC20	0505	160.00	25.875	-5.2	8697
87DEC20	0905	164.00	25.890	-5.2	8702
87DEC20	1305	168.00	25.910	-5.2	8708
87DEC20	1705	172.00	25.930	-5.3	8715
87DEC20	2105	176.00	25.950	-5.3	8722
87DEC21	0105	180.00	25.970	-5.3	8729
87DEC21	0505	184.00	25.985	-5.3	8734
87DEC21	0905	188.00	26.200	-5.4	8806
87DEC21	1305	192.00	26.020	-5.3	8745
87DEC21	1705	196.00	26.030	-5.3	8749
87DEC21	2105	200.00	26.050	-5.3	8755
87DEC22	0105	204.00	26.065	-5.3	8761
87DEC22	0505	208.00	26.080	-5.3	8766
87DEC22	0905	212.00	26.095	-5.3	8771
87DEC22	1305	216.00	26.110	-5.4	8776
87DEC22	1705	220.00	26.130	-5.4	8782
87DEC22	2105	224.00	26.135	-5.4	8784
87DEC23	0105	228.00	26.150	-5.4	8789

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 8-10-2-29-W1M

Element No. 49699

Range (kPa): 17237

IH#: D15584

360 hr Clock #: 2904

Run Depth: 946

Calib. Equation: 336.43 -3.18

Calib. Date: 87OCT22

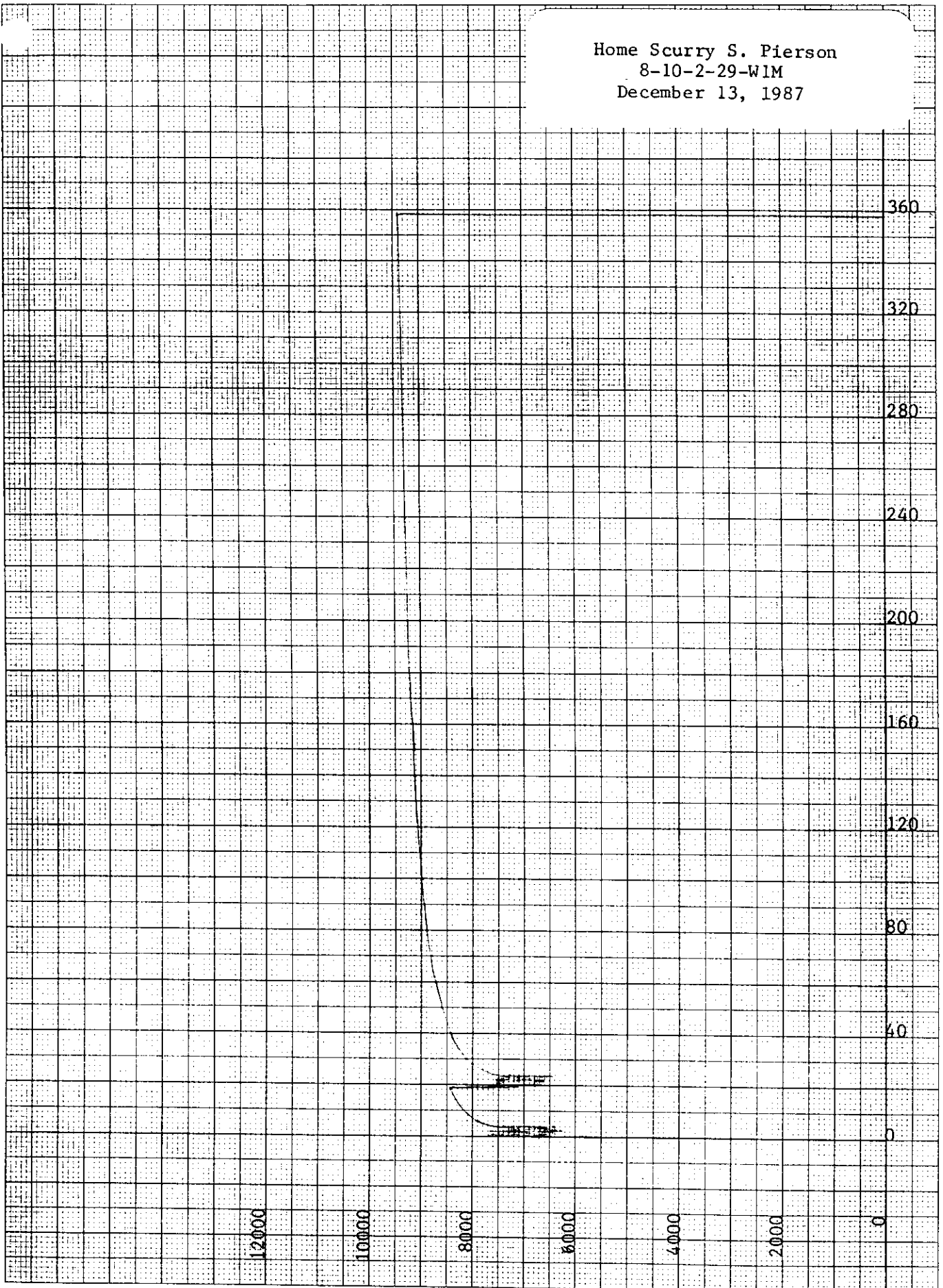
Date	Time	Cumulative	Deflection	P-PC	Pressure
87DEC23	0505	232.00	26.160	-5.4	8792
87DEC23	0905	236.00	26.180	-5.4	8799
87DEC23	1305	240.00	26.185	-5.4	8801
87DEC23	1705	244.00	26.200	-5.4	8806
87DEC23	2105	248.00	26.205	-5.4	8808
87DEC24	0105	252.00	26.215	-5.4	8811
87DEC24	0505	256.00	26.230	-5.4	8816
87DEC24	0905	260.00	26.240	-5.4	8819
87DEC24	1305	264.00	26.250	-5.4	8823
87DEC24	1705	268.00	26.255	-5.4	8824
87DEC24	2105	272.00	26.265	-5.4	8828
87DEC25	0105	276.00	26.275	-5.4	8831
87DEC25	0505	280.00	26.280	-5.4	8833
87DEC25	0905	284.00	26.290	-5.5	8836
87DEC25	1305	288.00	26.300	-5.5	8839
87DEC25	1705	292.00	26.315	-5.5	8845
87DEC25	2105	296.00	26.320	-5.5	8846
87DEC26	0105	300.00	26.330	-5.5	8850
87DEC26	0505	304.00	26.330	-5.5	8850
87DEC26	0905	308.00	26.345	-5.5	8855
87DEC26	1305	312.00	26.350	-5.5	8856
87DEC26	1705	316.00	26.360	-5.5	8860
87DEC26	2105	320.00	26.365	-5.5	8861
87DEC27	0105	324.00	26.375	-5.5	8865
87DEC27	0505	328.00	26.380	-5.5	8866
87DEC27	0905	332.00	26.390	-5.5	8870
87DEC27	1305	336.00	26.390	-5.5	8870
87DEC27	1705	340.00	26.395	-5.5	8871
87DEC27	2105	344.00	26.400	-5.5	8873
87DEC28	0105	348.00	26.410	-5.5	8876
87DEC28	0505	352.00	26.415	-5.5	8878
87DEC28	0905	356.00	26.420	-5.5	8880
87DEC28	1145	358.67	27.820	-6.3	9350

OFF BOTTOM

Home Scurry S. Pierson
8-10-2-29-WIM
December 13, 1987

461510

K&E 10 X 10 TO THE CENTIMETER 18 X 25 CM
KEUFFEL & ESSER CO. MADE IN U.S.A.



**MOOSE MOUNTAIN
WELL SERVICES LTD.**

COMPANY:HOME OIL COMPANY LIMITED

ADDRESS: CALGARY ALBERTA

FIELD-POOL: PIERSON/SPEARFISH

TYPE OF TEST: STATIC GRADIENT

PERF/OH INTERVAL: 1016-1022 KB

ELEVATIONS: (GD)466.9 (KB) 471.3

POOL DATUM:

WELL NAME: HOME SCURRY S. PIERSON

LOCATION: 8-10-2-29-W1M

WELL STATUS: OIL

DATE OF TEST: 87DEC28

PRODUCING THROUGH: TUBING

MP PROD. INTER: 1014.6 GD

DATUM DEPTH: (CF)

SHUT IN: 1300 12/14/87

DWG PRESS: (KPA) T=2370 C=1540

RUN DEPTH TEMP: (C) 40

ON/OFF BTM: 1303-1313

	TOP RECORDER	BOTTOM RECORDER
ELEMENT SERIAL NO:	53975	49699
RUN DEPTH: (MCF)	944.2	946
RUN DEPTH PRESS: (KPA)	9417	10198
GRADIENT-RUN DEPTH: (KPA/M)	10.624	12.596
PRESSURE AT MMP: (KPA)	10165	11062
DATUM DEPTH PRESS: (KPA)		

REMARKS: BOTTOM RECORDER PACKED WITH SAND.

Company: HOME OIL COMPANY LIMITED

Location: 8-10-2-29-W1M

Element #: 53975 Range(kPa): 17237 IHH: D15276 3 hr Clock #: A14054

Run Date: 87DEC28 Calib. Equation: 350.51 15.25 Calib. Date: 87OCT21

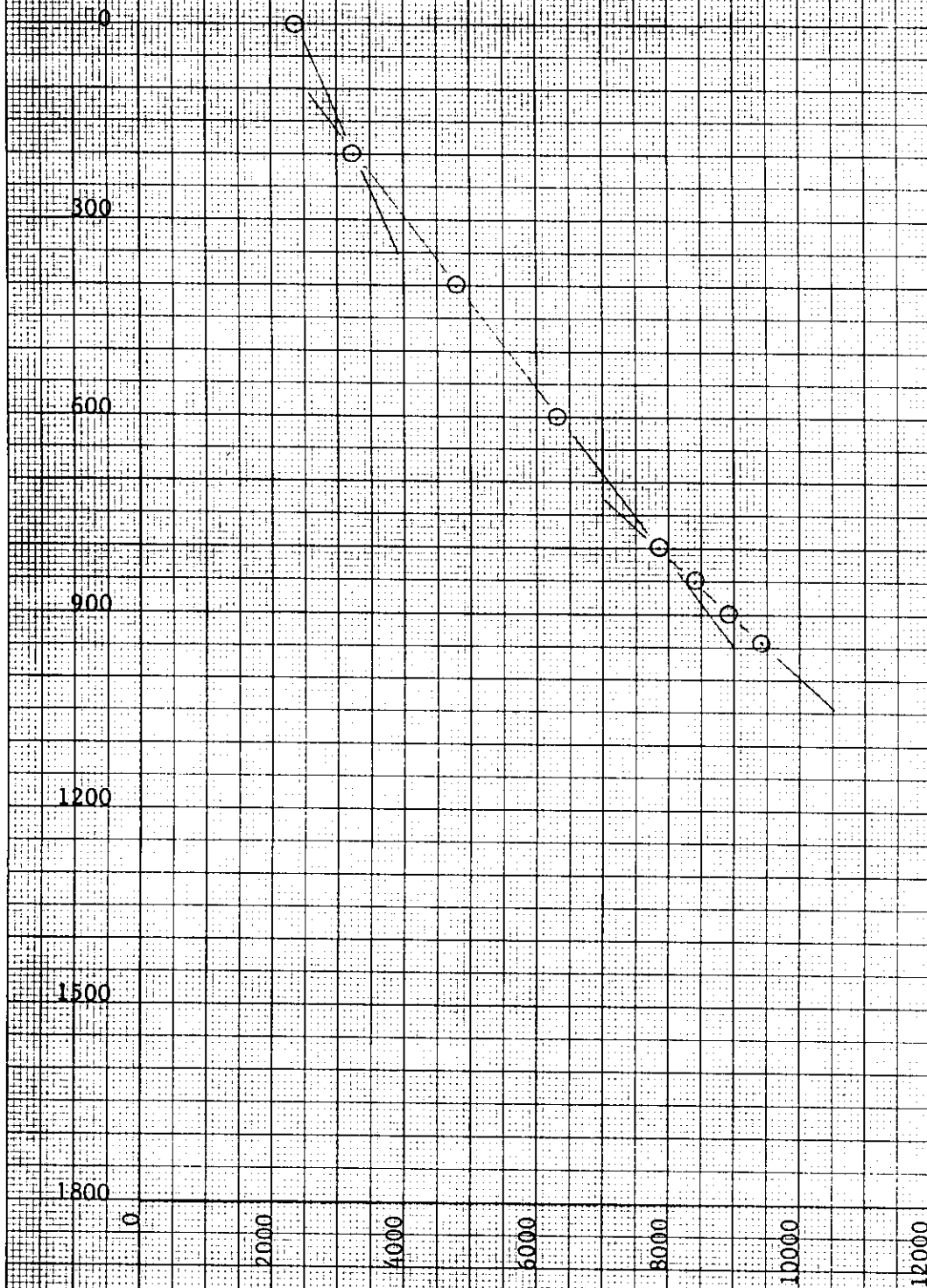
Depth Below cfm	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
-1.80	1225-1228	6.750	+5	2386	0.000
198.20	1232-1235	9.175	+12	3243	4.285
398.20	1238-1241	13.605	+12	4796	7.768
598.20	1245-1248	17.990	+11	6332	7.680
798.20	1251-1254	22.340	+7	7853	7.602
848.20	1255-1258	23.875	+5	8389	10.717
898.20	1259-1302	25.420	+3	8928	10.786
944.20	1303-1313	26.820	+1	9417	10.624

Element #: 49699 Range(kPa): 17237 IHH: D15584 3 hr Clock #: A15009

Run Date: 87DEC28 Calib. Equation: 336.43 -3.18 Calib. Date: 87OCT22

Depth Below cfm	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
0.00	1225-1228	6.145	+3	2067	0.000
200.00	1232-1235	9.370	+3	3152	5.424
400.00	1238-1241	14.300	+1	4808	8.283
600.00	1245-1248	19.700	-2	6623	9.071
800.00	1251-1254	24.800	-5	8336	8.565
850.00	1255-1258	26.810	-6	9011	13.503
900.00	1259-1302	28.620	-7	9619	12.159
946.00	1303-1313	30.345	-8	10198	12.596

Home Scurry S. Pierson
8-10-2-29-WIM
December 28, 1987



461510

K&E 10 X 10 TO THE CENTIMETER 18 X 25 CM.
KEUFFEL & ESSER CO. MADE IN U.S.A.

**MOLSE MOUNTAIN
WELL SERVICES LTD.**

COMPANY:HOME OIL COMPANY LIMITED
ADDRESS: CALGARY ALBERTA
FIELD-POOL: PIERSON/SPEARFISH
TYPE OF TEST: SWAB-BUILDUP
PERF/OH INTERVAL: 1022.7-1027.1 KB
ELEVATIONS: (CF)473.5 (KB) 477.8
POOL DATUM:

WELL NAME: HOME SCURRY S. PIERSON
LOCATION: 14-9-2-29-W1M
WELL STATUS: OIL
DATE OF TEST: 87NOV04
PRODUCING THROUGH: 73MM TUBING
MP PROD. INTER: 1020.6 CF
DATUM DEPTH: (CF)

SHUT IN:
DWG PRESS: (KPA) T=1915 C=1565

RUN DEPTH TEMP: (C) 41
ON/OFF BTM: 1730 11/4 - 1424 11/19

	TOP RECORDER	BOTTOM RECORDER
ELEMENT SERIAL NO:	49749	53976
RUN DEPTH: (MCF)	1007.2	1009
RUN DEPTH PRESS: (KPA)	9896	9930
GRADIENT-RUN DEPTH: (KPA/M)		
PRESSURE AT MMP: (KPA)		
DATUM DEPTH PRESS: (KPA)		

REMARKS: COLLOR STOPS @ 1009 & 999 CF

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 49749

Range (kPa): 17237.5

IHH: D15282

360 hr Clock #: 2904

Run Depth: 1007.2

Calib. Equation: 346.21

12.81

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV04	1730	0.00	ON BOTTOM-NOT LEGIBLE		
87NOV04	1930	2.00	27.865	+8.7	9669
87NOV04	2130	4.00	27.910	+8.7	9684
87NOV04	2330	6.00	27.940	+8.7	9695
87NOV05	0130	8.00	27.980	+8.7	9709
87NOV05	0330	10.00	28.020	+8.7	9722
87NOV05	0530	12.00	28.050	+8.8	9733
87NOV05	0800	14.50	28.050	+8.8	9733
			SWAB #1		
87NOV05	0815	14.75	24.190	+8.4	8396
87NOV05	0830	15.00	27.600	+8.7	9577
			SWAB #2		
87NOV05	0850	15.33	21.130	+8.0	7336
87NOV05	0900	15.50	27.215	+8.7	9444
			SWAB #3		
87NOV05	0915	15.75	22.200	+8.2	7707
87NOV05	0930	16.00	26.830	+8.6	9310
			SWAB #4		
87NOV05	0945	16.25	22.470	+8.2	7800
87NOV05	1000	16.50	26.720	+8.6	9272
			SWAB #5		
87NOV05	1015	16.75	20.145	+7.9	6995
87NOV05	1030	17.00	26.520	+8.6	9203
			SWAB #6		
87NOV05	1045	17.25	22.245	+8.2	7722
87NOV05	1100	17.50	26.370	+8.6	9151
			SWAB #7		
87NOV05	1115	17.75	22.150	+8.2	7690
87NOV05	1130	18.00	26.085	+8.6	9052
			SWAB #8		
87NOV05	1145	18.25	21.830	+8.1	7579
87NOV05	1200	18.50	26.030	+8.5	9033
			SWAB #9		
87NOV05	1215	18.75	21.770	+8.1	7558
87NOV05	1230	19.00	25.940	+8.5	9002
87NOV05	1245	19.25	21.220	+8.1	7367
87NOV05	1300	19.50	25.670	+8.5	8909
			SWAB #11		
87NOV05	1315	19.75	20.840	+8.0	7236
87NOV05	1330	20.00	25.660	+8.5	8905
			SWAB #12		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 49749

Range (kPa): 17237.5

IHH: D15282

360 hr Clock #: 2904

Run Depth: 1007.2

Calib. Equation: 346.21

12.81

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV05	1345	20.25	21.340	+8.1	7409
87NOV05	1400	20.50	25.530	+8.5	8860
			SWAB #13		
87NOV05	1415	20.75	20.745	+8.0	7203
87NOV05	1430	21.00	25.250	+8.5	8763
			SWAB #14		
87NOV05	1445	21.25	20.980	+8.0	7284
87NOV05	1500	21.50	25.380	+8.5	8808
			SWAB #15		
87NOV05	1515	21.75	21.280	+8.1	7388
87NOV05	1530	22.00	25.480	+8.5	8843
			SWAB #16		
87NOV05	1545	22.25	21.115	+8.0	7331
87NOV05	1600	22.50	25.510	+8.5	8853
			SWAB #17		
87NOV05	1615	22.75	20.995	+8.0	7290
87NOV05	1630	23.00	25.170	+8.5	8735
			SWAB #18		
87NOV05	1645	23.25	20.820	+8.0	7229
87NOV05	1700	23.50	24.810	+8.4	8611
87NOV05	1730	24.00	25.575	+8.5	8876
87NOV05	1830	25.00	26.185	+8.6	9087
87NOV05	1930	26.00	26.500	+8.6	9196
87NOV05	2130	28.00	26.860	+8.6	9321
87NOV05	2330	30.00	27.075	+8.7	9395
87NOV06	0130	32.00	27.230	+8.7	9449
87NOV06	0330	34.00	27.360	+8.7	9494
87NOV06	0530	36.00	27.455	+8.7	9527
87NOV06	0730	38.00	27.530	+8.7	9553
87NOV06	0800	38.50	27.530	+8.7	9553
			SWAB #19		
87NOV06	0815	38.75	23.275	+8.3	8079
87NOV06	0830	39.00	26.780	+8.6	9293
			SWAB #20		
87NOV06	0840	39.17	22.380	+8.2	7769
87NOV06	0850	39.33	26.025	+8.5	9031
			SWAB #21		
87NOV06	0905	39.58	20.950	+8.0	7274
87NOV06	0915	39.75	26.240	+8.6	9106
			SWAB #22		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 49749

Range (kPa): 17237.5

IHH: D15282

360 hr Clock #: 2904

Run Depth: 1007.2

Calib. Equation: 346.21

12.81

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV06	0922	39.87	21.460	+8.1	7451
87NOV06	0932	40.03	25.910	+8.5	8992
			SWAB #23		
87NOV06	0939	40.15	20.715	+8.0	7193
87NOV06	0949	40.32	24.730	+8.4	8583
			SWAB #24		
87NOV06	0956	40.43	20.880	+8.0	7250
87NOV06	1006	40.60	24.540	+8.4	8517
			SWAB #25		
87NOV06	1013	40.72	20.740	+8.0	7201
87NOV06	1023	40.88	24.460	+8.4	8489
			SWAB #26		
87NOV06	1030	41.00	20.190	+8.0	7011
87NOV06	1037	41.12	24.290	+8.4	8431
			SWAB #27		
87NOV06	1047	41.28	20.140	+7.9	6993
87NOV06	1054	41.40	24.260	+8.4	8420
			SWAB #28		
87NOV06	1100	41.50	20.440	+8.0	7097
87NOV06	1111	41.68	24.220	+8.4	8406
			SWAB #29		
87NOV06	1118	41.80	20.190	+8.0	7011
87NOV06	1128	41.97	24.100	+8.4	8365
			SWAB #30		
87NOV06	1135	42.08	20.090	+7.9	6976
87NOV06	1145	42.25	24.070	+8.3	8354
			SWAB #31		
87NOV06	1152	42.37	20.010	+7.9	6948
87NOV06	1202	42.53	24.650	+8.4	8555
			SWAB #32		
87NOV06	1210	42.67	19.310	+7.8	6706
87NOV06	1220	42.83	23.500	+8.3	8157
			SWAB #33		
87NOV06	1227	42.95	19.470	+7.8	6761
87NOV06	1237	43.12	23.390	+8.3	8119
			SWAB #34		
87NOV06	1244	43.23	19.700	+7.9	6841
87NOV06	1254	43.40	23.230	+8.3	8064
			SWAB #35		
87NOV06	1300	43.50	19.180	+7.7	6661

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Element No. 49749

Range (kPa): 17237.5

IH#: D15282

Location: 14-9-2-29-W1M

360 hr Clock #: 2904

Run Depth: 1007.2

Calib. Equation: 346.21

12.81

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV06	1310	43.67	22.930	+8.2	7960
87NOV06	1320	43.83	SWAB #36		
87NOV06	1330	44.00	19.100	+7.7	6633
			22.830	+8.2	7925
			SWAB #37		
87NOV06	1340	44.17	19.830	+7.9	6886
87NOV06	1350	44.33	23.010	+8.2	7987
			SWAB #38		
87NOV06	1400	44.50	19.085	+7.7	6628
87NOV06	1415	44.75	22.860	+8.2	7935
			SWAB #39		
87NOV06	1422	44.87	18.800	+7.6	6529
87NOV06	1430	45.00	22.730	+8.2	7890
			SWAB #40		
87NOV06	1450	45.33	18.990	+7.7	6595
			SHUT IN FOR BUILDUP		
87NOV06	1500	45.50	NOT LEGIBLE		
87NOV06	1515	45.75	23.150	+8.3	8036
87NOV06	1530	46.00	23.860	+8.3	8282
87NOV06	1545	46.25	24.260	+8.4	8420
87NOV06	1600	46.50	24.525	+8.4	8512
87NOV06	1615	46.75	24.755	+8.4	8592
87NOV06	1630	47.00	24.950	+8.4	8659
87NOV06	1700	47.50	25.230	+8.5	8756
87NOV06	1730	48.00	25.450	+8.5	8832
87NOV06	1800	48.50	25.620	+8.5	8891
87NOV06	1830	49.00	25.770	+8.5	8943
87NOV06	1900	49.50	25.910	+8.5	8992
87NOV06	1930	50.00	26.010	+8.5	9026
87NOV06	2000	50.50	26.095	+8.6	9056
87NOV06	2030	51.00	26.180	+8.6	9085
87NOV06	2130	52.00	26.325	+8.6	9135
87NOV06	2230	53.00	26.450	+8.6	9179
87NOV06	2330	54.00	26.560	+8.6	9217
87NOV07	0030	55.00	26.655	+8.6	9250
87NOV07	0130	56.00	26.735	+8.6	9277
87NOV07	0230	57.00	26.815	+8.6	9305
87NOV07	0330	58.00	26.880	+8.6	9328
87NOV07	0430	59.00	26.940	+8.6	9348
87NOV07	0530	60.00	27.000	+8.6	9369

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 49749

Range (kPa): 17237.5

IHH: D15282

360 hr Clock #: 2904

Run Depth: 1007.2

Calib. Equation: 346.21

12.81

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV07	0730	62.00	27.100	+8.7	9404
87NOV07	0930	64.00	27.190	+8.7	9435
87NOV07	1130	66.00	27.260	+8.7	9459
87NOV07	1330	68.00	27.320	+8.7	9480
87NOV07	1530	70.00	27.380	+8.7	9501
87NOV07	1730	72.00	27.425	+8.7	9516
87NOV07	1930	74.00	27.480	+8.7	9535
87NOV07	2130	76.00	27.520	+8.7	9549
87NOV07	2330	78.00	27.560	+8.7	9563
87NOV08	0130	80.00	27.600	+8.7	9577
87NOV08	0330	82.00	27.635	+8.7	9589
87NOV08	0530	84.00	27.665	+8.7	9599
87NOV08	0730	86.00	27.700	+8.7	9612
87NOV08	0930	88.00	27.725	+8.7	9620
87NOV08	1130	90.00	27.760	+8.7	9632
87NOV08	1330	92.00	27.785	+8.7	9641
87NOV08	1530	94.00	27.815	+8.7	9651
87NOV08	1730	96.00	27.835	+8.7	9658
87NOV08	2130	100.00	27.890	+8.7	9677
87NOV09	0130	104.00	27.920	+8.7	9688
87NOV09	0530	108.00	27.950	+8.7	9698
87NOV09	0930	112.00	27.980	+8.7	9709
87NOV09	1330	116.00	28.010	+8.7	9719
87NOV09	1730	120.00	28.045	+8.8	9731
87NOV09	2130	124.00	28.090	+8.8	9747
87NOV10	0130	128.00	28.100	+8.8	9750
87NOV10	0530	132.00	28.105	+8.8	9752
87NOV10	0930	136.00	28.120	+8.8	9757
87NOV10	1330	140.00	28.150	+8.8	9767
87NOV10	1730	144.00	28.180	+8.8	9778
87NOV10	2130	148.00	28.200	+8.8	9785
87NOV11	0130	152.00	28.200	+8.8	9785
87NOV11	0530	156.00	28.210	+8.8	9788
87NOV11	0930	160.00	28.225	+8.8	9793
87NOV11	1330	164.00	28.240	+8.8	9799
87NOV11	1730	168.00	28.275	+8.8	9811
87NOV11	2130	172.00	28.275	+8.8	9811
87NOV12	0130	176.00	28.275	+8.8	9811
87NOV12	0530	180.00	28.280	+8.8	9812
87NOV12	0930	184.00	28.285	+8.8	9814

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 49749

Range (kPa): 17237.5

IHO: D15282

360 hr Clock #: 2904

Run Depth: 1007.2

Calib. Equation: 346.21

12.81

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV12	1330	188.00	28.300	+8.8	9819
87NOV12	1730	192.00	28.310	+8.8	9823
87NOV12	2130	196.00	28.320	+8.8	9826
87NOV13	0130	200.00	28.330	+8.8	9830
87NOV13	0530	204.00	28.335	+8.8	9831
87NOV13	0930	208.00	28.350	+8.8	9837
87NOV13	1330	212.00	28.360	+8.8	9840
87NOV13	1730	216.00	28.365	+8.8	9842
87NOV13	2130	220.00	28.370	+8.8	9844
87NOV14	0130	224.00	28.380	+8.8	9847
87NOV14	0530	228.00	28.380	+8.8	9847
87NOV14	0930	232.00	28.390	+8.8	9850
87NOV14	1330	236.00	28.395	+8.8	9852
87NOV14	1730	240.00	28.405	+8.8	9856
87NOV14	2130	244.00	28.410	+8.8	9857
87NOV15	0130	248.00	28.420	+8.8	9861
87NOV15	0530	252.00	28.425	+8.8	9863
87NOV15	0930	256.00	28.430	+8.8	9864
87NOV15	1330	260.00	28.440	+8.8	9868
87NOV15	1730	264.00	28.440	+8.8	9868
87NOV15	2130	268.00	28.450	+8.8	9871
87NOV16	0130	272.00	28.450	+8.8	9871
87NOV16	0530	276.00	28.450	+8.8	9871
87NOV16	0930	280.00	28.455	+8.8	9873
87NOV16	1330	284.00	28.460	+8.8	9875
87NOV16	1730	288.00	28.460	+8.8	9875
87NOV16	2130	292.00	28.465	+8.8	9876
87NOV17	0130	296.00	28.465	+8.8	9876
87NOV17	0530	300.00	28.465	+8.8	9876
87NOV17	0930	304.00	28.480	+8.8	9882
87NOV17	1330	308.00	28.485	+8.8	9883
87NOV17	1730	312.00	28.485	+8.8	9883
87NOV17	2130	316.00	28.490	+8.8	9885
87NOV18	0130	320.00	28.490	+8.8	9885
87NOV18	0530	324.00	28.500	+8.8	9889
87NOV18	0930	328.00	28.500	+8.8	9889
87NOV18	1330	332.00	28.510	+8.8	9892
87NOV18	1730	336.00	28.510	+8.8	9892
87NOV18	2130	340.00	28.510	+8.8	9892
87NOV19	0130	344.00	28.510	+8.8	9892

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 49749

Range (kPa): 17237.5

IH#: D15282

360 hr Clock #: 2904

Run Depth: 1007.2

Calib. Equation: 346.21

12.81

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV19	0530	348.00	28.515	+8.8	9894
87NOV19	0930	352.00	28.520	+8.8	9896
			BOTTOM CLOCK STOPPED		
87NOV19	1330	356.00	28.520	+8.8	9896
87NOV19	1424	356.90	28.520	+8.8	9896
			OFF BOTTOM		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 53976

Range (kPa): 17237.5

IH#: 52391

360 hr Clock #: 2942

Run Depth: 1009

Calib. Equations: 350.04

2.67

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV04	1730	0.00	ON BOTTOM-NOT LEGIBLE		
87NOV04	1930	2.00	27.615	-2.5	9667
87NOV04	2130	4.00	27.650	-2.5	9679
87NOV04	2330	6.00	27.680	-2.5	9689
87NOV05	0130	8.00	27.725	-2.5	9705
87NOV05	0330	10.00	27.765	-2.6	9719
87NOV05	0530	12.00	27.800	-2.6	9731
87NOV05	0800	14.50	27.830	-2.6	9742
			SWAB #1		
87NOV05	0815	14.75	24.000	-0.7	8403
87NOV05	0830	15.00	27.330	-2.4	9567
			SWAB #2		
87NOV05	0850	15.33	22.710	-0.0	7952
87NOV05	0900	15.50	26.900	-2.1	9417
			SWAB #3		
87NOV05	0915	15.75	22.340	+0.1	7823
87NOV05	0930	16.00	26.590	-2.0	9308
			SWAB #4		
87NOV05	0945	16.25	22.310	+0.2	7812
87NOV05	1000	16.50	26.480	-1.9	9270
			SWAB #5		
87NOV05	1015	16.75	20.950	+0.8	7337
87NOV05	1030	17.00	26.210	-1.8	9175
			SWAB #6		
87NOV05	1045	17.25	22.100	+0.3	7739
87NOV05	1100	17.50	26.200	-1.8	9172
			SWAB #7		
87NOV05	1115	17.75	21.980	+0.3	7697
87NOV05	1130	18.00	25.820	-1.6	9039
			SWAB #8		
87NOV05	1145	18.25	21.670	+0.5	7589
87NOV05	1200	18.50	25.800	-1.6	9032
			SWAB #9		
87NOV05	1215	18.75	21.630	+0.5	7575
87NOV05	1230	19.00	25.735	-1.6	9009
87NOV05	1245	19.25	20.860	+0.9	7305
87NOV05	1300	19.50	25.400	-1.4	8892
			SWAB #11		
87NOV05	1315	19.75	21.290	+0.7	7456
87NOV05	1330	20.00	25.390	-1.4	8889
			SWAB #12		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 53976

Range (kPa): 17237.5

IH#: 52391

360 hr Clock #: 2942

Run Depth: 1009

Calib. Equation: 350.04

2.67

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV05	1345	20.25	21.210	+0.7	7428
87NOV05	1400	20.50	25.250	-1.3	8840
			SWAB #13		
87NOV05	1415	20.75	21.120	+0.8	7396
87NOV05	1430	21.00	24.970	-1.2	8742
			SWAB #14		
87NOV05	1445	21.25	20.920	+0.9	7326
87NOV05	1500	21.50	25.150	-1.3	8805
			SWAB #15		
87NOV05	1515	21.75	20.950	+0.8	7337
87NOV05	1530	22.00	25.240	-1.3	8836
			SWAB #16		
87NOV05	1545	22.25	20.980	+0.8	7347
87NOV05	1600	22.50	25.080	-1.2	8780
			SWAB #17		
87NOV05	1615	22.75	20.780	+0.9	7277
87NOV05	1630	23.00	24.950	-1.2	8735
			SWAB #18		
87NOV05	1645	23.25	20.700	+1.0	7249
87NOV05	1700	23.50	24.565	-1.0	8600
87NOV05	1730	24.00	25.355	-1.4	8877
87NOV05	1830	25.00	25.940	-1.7	9081
87NOV05	1930	26.00	26.275	-1.8	9198
87NOV05	2130	28.00	26.630	-2.0	9322
87NOV05	2330	30.00	26.835	-2.1	9394
87NOV06	0130	32.00	26.990	-2.2	9448
87NOV06	0330	34.00	27.110	-2.2	9490
87NOV06	0530	36.00	27.200	-2.3	9521
87NOV06	0730	38.00	27.270	-2.3	9546
87NOV06	0800	38.50	27.290	-2.3	9553
			SWAB #19		
87NOV06	0815	38.75	23.140	-0.3	8102
87NOV06	0830	39.00	26.530	-2.0	9287
			SWAB #20		
87NOV06	0840	39.17	22.060	+0.3	7725
87NOV06	0850	39.33	25.380	-1.4	8885
			SWAB #21		
87NOV06	0905	39.58	20.620	+1.0	7221
87NOV06	0915	39.75	25.360	-1.4	8878
			SWAB #22		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 53976

Range (kPa): 17237.5

IH#: 52391

360 hr Clock #: 2942

Run Depth: 1009

Calib. Equation: 350.04

2.67

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV06	0922	39.87	21.330	+0.6	7470
87NOV06	0932	40.03	25.370	-1.4	8882
			SWAB #23		
87NOV06	0939	40.15	20.475	+1.1	7171
87NOV06	0949	40.32	24.700	-1.0	8648
			SWAB #24		
87NOV06	0956	40.43	20.600	+1.0	7215
87NOV06	1006	40.60	24.500	-0.9	8578
			SWAB #25		
87NOV06	1013	40.72	20.740	+0.9	7263
87NOV06	1023	40.88	24.110	-0.7	8441
			SWAB #26		
87NOV06	1030	41.00	20.310	+1.2	7113
87NOV06	1037	41.12	24.010	-0.7	8406
			SWAB #27		
87NOV06	1047	41.28	20.300	+1.2	7110
87NOV06	1054	41.40	24.020	-0.7	8410
			SWAB #28		
87NOV06	1100	41.50	20.530	+1.0	7190
87NOV06	1111	41.68	23.960	-0.7	8389
			SWAB #29		
87NOV06	1118	41.80	19.980	+1.3	6998
87NOV06	1128	41.97	23.940	-0.7	8382
			SWAB #30		
87NOV06	1135	42.08	19.970	+1.3	6994
87NOV06	1145	42.25	23.540	-0.5	8242
			SWAB #31		
87NOV06	1152	42.37	19.940	+1.3	6984
87NOV06	1202	42.53	23.160	-0.3	8109
			SWAB #32		
87NOV06	1210	42.67	19.340	+1.6	6774
87NOV06	1220	42.83	23.140	-0.3	8102
			SWAB #33		
87NOV06	1227	42.95	19.350	+1.6	6778
87NOV06	1237	43.12	22.930	-0.2	8029
			SWAB #34		
87NOV06	1244	43.23	19.560	+1.5	6851
87NOV06	1254	43.40	23.050	-0.2	8071
			SWAB #35		
87NOV06	1300	43.50	19.380	+1.6	6788

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 53976

Range (kPa): 17237.5

IH#: 52391

360 hr Clock #: 2942

Run Depth: 1009

Calib. Equation: 350.04

2.67

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV06	1310	43.67	22.740	-0.1	7963
			SWAB #36		
87NOV06	1320	43.83	19.040	+1.7	6669
87NOV06	1330	44.00	22.660	-0.0	7935
			SWAB #37		
87NOV06	1340	44.17	18.700	+1.8	6550
87NOV06	1350	44.33	23.780	-0.6	8326
			SWAB #38		
87NOV06	1400	44.50	19.680	+1.5	6893
87NOV06	1415	44.75	23.200	-0.3	8123
			SWAB #39		
87NOV06	1422	44.87	18.900	+1.7	6620
87NOV06	1430	45.00	22.580	+0.0	7907
			SWAB #40		
87NOV06	1450	45.33	18.880	+1.7	6613
			SHUT IN FOR BUILDUP		
			NOT LEGIBLE		
87NOV06	1500	45.50	23.140	-0.3	8102
87NOV06	1515	45.75	23.790	-0.6	8330
87NOV06	1530	46.00	24.160	-0.8	8459
87NOV06	1545	46.25	24.440	-0.9	8557
87NOV06	1600	46.50	24.650	-1.0	8630
87NOV06	1615	46.75	24.820	-1.1	8690
87NOV06	1630	47.00	25.070	-1.2	8777
87NOV06	1700	47.50	25.285	-1.3	8852
87NOV06	1730	48.00	25.460	-1.4	8913
87NOV06	1800	48.50	25.590	-1.5	8959
87NOV06	1830	49.00	25.710	-1.5	9001
87NOV06	1900	49.50	25.805	-1.6	9034
87NOV06	1930	50.00	25.890	-1.6	9064
87NOV06	2000	50.50	25.925	-1.6	9076
87NOV06	2030	51.00	26.125	-1.7	9146
87NOV06	2130	52.00	26.240	-1.8	9186
87NOV06	2230	53.00	26.355	-1.9	9226
87NOV06	2330	54.00	26.445	-1.9	9258
87NOV07	0030	55.00	26.520	-1.9	9284
87NOV07	0130	56.00	26.600	-2.0	9312
87NOV07	0230	57.00	26.660	-2.0	9333
87NOV07	0330	58.00	26.720	-2.0	9354
87NOV07	0430	59.00	26.770	-2.1	9371
87NOV07	0530	60.00			

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 53976

Range (kPa): 17237.5

IH#: 52391

360 hr Clock #: 2942

Run Depth: 1009

Calib. Equation: 350.04

2.67

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV07	0730	62.00	26.870	-2.1	9406
87NOV07	0930	64.00	26.960	-2.2	9438
87NOV07	1130	66.00	27.030	-2.2	9462
87NOV07	1330	68.00	27.100	-2.2	9487
87NOV07	1530	70.00	27.155	-2.3	9506
87NOV07	1730	72.00	27.210	-2.3	9525
87NOV07	1930	74.00	27.260	-2.3	9542
87NOV07	2130	76.00	27.300	-2.3	9556
87NOV07	2330	78.00	27.340	-2.4	9570
87NOV08	0130	80.00	27.380	-2.4	9584
87NOV08	0330	82.00	27.410	-2.4	9595
87NOV08	0530	84.00	27.440	-2.4	9605
87NOV08	0730	86.00	27.470	-2.4	9616
87NOV08	0930	88.00	27.500	-2.4	9626
87NOV08	1130	90.00	27.530	-2.5	9637
87NOV08	1330	92.00	27.550	-2.5	9644
87NOV08	1530	94.00	27.575	-2.5	9653
87NOV08	1730	96.00	27.595	-2.5	9660
87NOV08	2130	100.00	27.640	-2.5	9675
87NOV09	0130	104.00	27.675	-2.5	9688
87NOV09	0530	108.00	27.710	-2.5	9700
87NOV09	0930	112.00	27.740	-2.6	9710
87NOV09	1330	116.00	27.770	-2.6	9721
87NOV09	1730	120.00	27.795	-2.6	9729
87NOV09	2130	124.00	27.820	-2.6	9738
87NOV10	0130	128.00	27.840	-2.6	9745
87NOV10	0530	132.00	27.860	-2.6	9752
87NOV10	0930	136.00	27.885	-2.6	9761
87NOV10	1330	140.00	27.900	-2.6	9766
87NOV10	1730	144.00	27.915	-2.6	9771
87NOV10	2130	148.00	27.930	-2.7	9777
87NOV11	0130	152.00	27.950	-2.7	9784
87NOV11	0530	156.00	27.970	-2.7	9791
87NOV11	0930	160.00	27.985	-2.7	9796
87NOV11	1330	164.00	28.000	-2.7	9801
87NOV11	1730	168.00	28.050	-2.7	9819
87NOV11	2130	172.00	28.020	-2.7	9808
87NOV12	0130	176.00	28.030	-2.7	9812
87NOV12	0530	180.00	28.040	-2.7	9815
87NOV12	0930	184.00	28.050	-2.7	9819

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 53976

Range (kPa): 17237.5

IHH: 52391

360 hr Clock #: 2942

Run Depth: 1009

Calib. Equation: 350.04

2.67

Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV12	1330	188.00	28.065	-2.7	9824
87NOV12	1730	192.00	28.075	-2.7	9827
87NOV12	2130	196.00	28.080	-2.7	9829
87NOV13	0130	200.00	28.090	-2.7	9833
87NOV13	0530	204.00	28.100	-2.7	9836
87NOV13	0930	208.00	28.110	-2.7	9840
87NOV13	1330	212.00	28.120	-2.7	9843
87NOV13	1730	216.00	28.125	-2.7	9845
87NOV13	2130	220.00	28.130	-2.8	9847
87NOV14	0130	224.00	28.140	-2.8	9850
87NOV14	0530	228.00	28.145	-2.8	9852
87NOV14	0930	232.00	28.150	-2.8	9854
87NOV14	1330	236.00	28.155	-2.8	9855
87NOV14	1730	240.00	28.160	-2.8	9857
87NOV14	2130	244.00	28.170	-2.8	9861
87NOV15	0130	248.00	28.175	-2.8	9862
87NOV15	0530	252.00	28.180	-2.8	9864
87NOV15	0930	256.00	28.190	-2.8	9868
87NOV15	1330	260.00	28.190	-2.8	9868
87NOV15	1730	264.00	28.190	-2.8	9868
87NOV15	2130	268.00	28.200	-2.8	9871
87NOV16	0130	272.00	28.210	-2.8	9875
87NOV16	0530	276.00	28.210	-2.8	9875
87NOV16	0930	280.00	28.215	-2.8	9876
87NOV16	1330	284.00	28.220	-2.8	9878
87NOV16	1730	288.00	28.220	-2.8	9878
87NOV16	2130	292.00	28.225	-2.8	9880
87NOV17	0130	296.00	28.230	-2.8	9881
87NOV17	0530	300.00	28.235	-2.8	9883
87NOV17	0930	304.00	28.240	-2.8	9885
87NOV17	1330	308.00	28.240	-2.8	9885
87NOV17	1730	312.00	28.245	-2.8	9887
87NOV17	2130	316.00	28.250	-2.8	9888
87NOV18	0130	320.00	28.250	-2.8	9888
87NOV18	0530	324.00	28.250	-2.8	9888
87NOV18	0930	328.00	28.260	-2.8	9892
87NOV18	1330	332.00	28.260	-2.8	9892
87NOV18	1730	336.00	28.260	-2.8	9892
87NOV18	2130	340.00	28.260	-2.8	9892
87NOV19	0130	344.00	28.290	-2.8	9902

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 14-9-2-29-W1M

Element No. 53976

Range (kPa): 17237.5

IHB: 52391

360 hr Clock #: 2942

Run Depth: 1009

Calib. Equation: 350.04

2.67

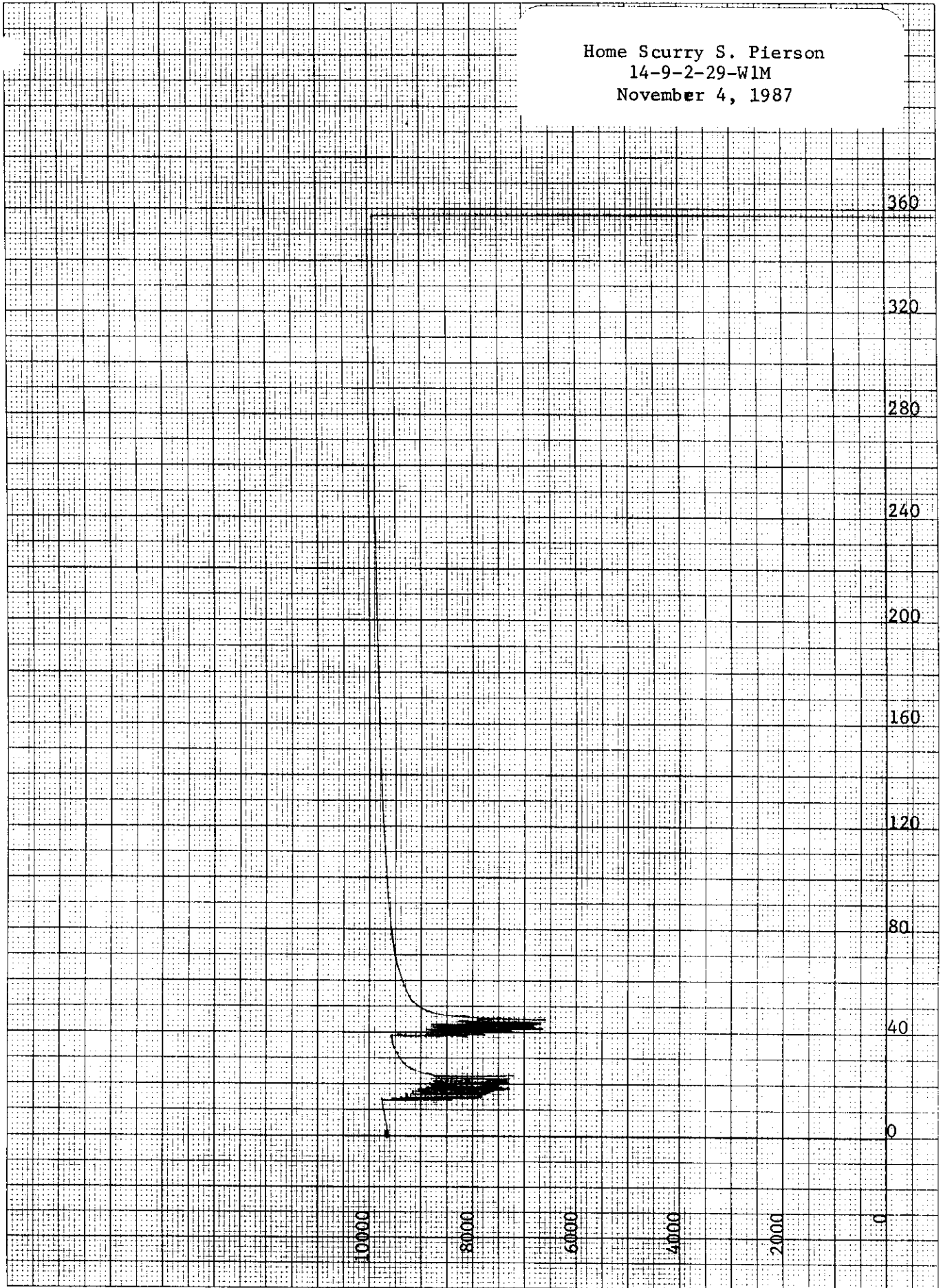
Calib. Date: 87SEP01

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV19	0530	348.00	28.290	-2.8	9902
87NOV19	0930	352.00	BOTTOM CLOCK STOPPED		
87NOV19	1330	356.00	0.000	-2.7	0
87NOV19	1424	356.90	28.370	-2.9	9930
			OFF BOTTOM		

461510

K&E 10 X 10 TO THE CENTIMETER
KEUFFEL & ESSER CO. MADE IN U.S.A.

Home Scurry S. Pierson
14-9-2-29-W1M
November 4, 1987



ROOSE MOUNTAIN
WELL SERVICES LTD.

COMPANY:HOME OIL COMPANY LIMITED
ADDRESS: CALGARY ALBERTA
FIELD-POOL: PIERSON/SPEARFISH
TYPE OF TEST: FLOW-BUILDUP
PERF/OH INTERVAL: 1018.5-1021.5 KB
ELEVATIONS: (CF)469.5 (KB) 473.9
POOL DATUM:

WELL NAME: HOME SCURRY S. PIERSON
LOCATION: 16-9-2-29-W1M
WELL STATUS: OIL
DATE OF TEST: 87NOV03
PRODUCING THROUGH: 73MM TUBING
MF PROD. INTER: 1015.6 CF
DATUM DEPTH: (CF)

SHUT IN: 1515 11/3/87
DWG PRESS: (KPA) T=2680 C=2535

RUN DEPTH TEMP: (C) 40
ON/OFF BTM: 1702 11/3 - 1200 11/19

	TOP RECORDER	BOTTOM RECORDER
ELEMENT SERIAL NO:	53975	49699
RUN DEPTH: (MCF)	947.2	949
RUN DEPTH PRESS: (KPA)		9290
GRADIENT-RUN DEPTH: (KPA/M)		
PRESSURE AT MMP: (KPA)	1	
DATUM DEPTH PRESS: (KPA)		

REMARKS: JARRED HARD-FRICTION-TIMING PROBLEMS-COLLARSTOPS @ 949 & 939 CF

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-9-2-29-W1M

Element No. 53975

Range (kPa): 17237.5

IH#: D15276

360 hr Clock #: 2897

Run Depth: 947.2

Calib. Equation: 350.51

15.25

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV03	1702	0.00	ON BOTTOM-NOT LEGIBLE		
87NOV03	1800	0.97	19.940	+10.6	7015
87NOV03	1815	1.22	OPENED TO FLOW-APPROX. READING		
			19.460	+11.1	6847
			FRICTION		
87NOV03	1830	1.47	19.385	+11.2	6821
87NOV03	1845	1.72	19.360	+11.2	6812
87NOV03	1900	1.97	19.060	+11.2	6707
87NOV03	1930	2.47	18.930	+11.3	6662
87NOV03	2000	2.97	18.880	+11.3	6644
87NOV03	2030	3.47	18.850	+11.3	6634
87NOV03	2100	3.97	18.895	+11.3	6649
87NOV03	2130	4.47	18.750	+11.3	6599
87NOV03	2200	4.97	18.670	+11.3	6571
87NOV03	2300	5.97	18.125	+11.4	6380
87NOV04	0000	6.97	17.780	+11.5	6259
87NOV04	0100	7.97	17.630	+11.6	6206
87NOV04	0200	8.97	17.460	+11.6	6147
87NOV04	0300	9.97	17.305	+11.6	6092
87NOV04	0400	10.97	17.200	+11.7	6056
87NOV04	0500	11.97	17.090	+11.7	6017
87NOV04	0600	12.97	17.035	+11.7	5998
87NOV04	0700	13.97	16.860	+11.7	5937
87NOV04	0800	14.97	16.760	+11.8	5902
87NOV04	0900	15.97	16.660	+11.8	5867
87NOV04	1000	16.97	17.140	+11.7	6035
87NOV04	1100	17.97	16.450	+11.8	5793
87NOV04	1200	18.97	16.230	+11.9	5716
			SHUT IN		
87NOV04	1215	19.22	16.620	+11.8	5853
87NOV04	1230	19.47	17.050	+11.7	6003
87NOV04	1245	19.72	17.440	+11.6	6140
87NOV04	1300	19.97	17.710	+11.5	6234
87NOV04	1330	20.47	18.140	+11.4	6385
87NOV04	1400	20.97	18.415	+11.4	6481
87NOV04	1430	21.47	18.685	+11.3	6576
87NOV04	1500	21.97	18.925	+11.3	6660
87NOV04	1530	22.47	19.150	+11.2	6739
87NOV04	1600	22.97	19.325	+11.2	6800
87NOV04	1700	23.97	19.660	+11.0	6917

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED Location: 16-9-2-29-W1M
 Element No. 53975 Range (kPa): 17237.5 IH#: D15276 360 hr Clock #: 2897
 Run Depth: 947.2 Calib. Equation: 350.51 15.25 Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV04	1800	24.97	19.945	+10.6	7017
87NOV04	1900	25.97	20.195	+10.3	7104
87NOV04	2000	26.97	20.420	+9.9	7183
87NOV04	2100	27.97	20.630	+9.6	7256
87NOV04	2200	28.97	20.800	+9.4	7315
87NOV04	2300	29.97	20.980	+9.1	7378
87NOV05	0000	30.97	21.135	+8.9	7432
87NOV05	0100	31.97	21.280	+8.7	7483
87NOV05	0200	32.97	21.420	+8.5	7532
87NOV05	0300	33.97	21.550	+8.3	7577
87NOV05	0400	34.97	21.670	+8.1	7619
87NOV05	0500	35.97	21.780	+8.0	7657
87NOV05	0600	36.97	21.895	+7.8	7697
87NOV05	0700	37.97	22.000	+7.7	7734
87NOV05	0800	38.97	22.105	+7.5	7771
87NOV05	0900	39.97	22.200	+7.4	7804
87NOV05	1000	40.97	22.285	+7.3	7834
87NOV05	1100	41.97	22.375	+7.1	7865
87NOV05	1200	42.97	22.480	+7.0	7902
87NOV05	1400	44.97	22.650	+6.7	7961
87NOV05	1600	46.97	22.815	+6.5	8019
87NOV05	1800	48.97	22.970	+6.3	8073
87NOV05	2000	50.97	23.100	+6.1	8118
87NOV05	2200	52.97	23.210	+5.9	8157
87NOV06	0000	54.97	23.320	+5.8	8195
87NOV06	0200	56.97	23.420	+5.6	8230
87NOV06	0400	58.97	23.515	+5.5	8263
87NOV06	0600	60.97	23.600	+5.4	8293
87NOV06	0800	62.97	23.690	+5.2	8324
87NOV06	1000	64.97	23.770	+5.1	8352
87NOV06	1200	66.97	23.850	+5.0	8380
87NOV06	1400	68.97	23.930	+4.9	8408
87NOV06	1600	70.97	24.000	+4.8	8432
87NOV06	1800	72.97	24.070	+4.7	8457
87NOV06	2000	74.97	24.130	+4.6	8478
87NOV06	2200	76.97	24.185	+4.5	8497
87NOV07	0000	78.97	24.250	+4.4	8520
87NOV07	0200	80.97	24.300	+4.4	8537
87NOV07	0400	82.97	24.360	+4.3	8558
87NOV07	0600	84.97	24.420	+4.2	8579

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-9-2-29-W1M

Element No. 53975

Range (kPa): 17237.5

IH#: D15276

360 hr Clock #: 2897

Run Depth: 947.2

Calib. Equation: 350.51

15.25

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV07	0800	86.97	24.460	+4.1	8593
87NOV07	1000	88.97	24.520	+4.1	8614
87NOV07	1200	90.97	24.565	+4.0	8630
87NOV07	1400	92.97	24.615	+3.9	8647
87NOV07	1600	94.97	24.660	+3.8	8663
87NOV07	1800	96.97	24.700	+3.8	8677
87NOV07	2000	98.97	24.740	+3.7	8691
87NOV07	2200	100.97	24.785	+3.7	8706
87NOV08	0000	102.97	24.820	+3.6	8719
87NOV08	0200	104.97	24.860	+3.6	8732
87NOV08	0400	106.97	24.890	+3.5	8743
87NOV08	0600	108.97	24.930	+3.5	8757
87NOV08	0800	110.97	24.965	+3.4	8769
87NOV08	1000	112.97	24.995	+3.4	8780
87NOV08	1200	114.97	25.030	+3.3	8792
87NOV08	1400	116.97	25.060	+3.3	8802
87NOV08	1600	118.97	25.090	+3.2	8813
87NOV08	1800	120.97	25.120	+3.2	8823
87NOV08	2200	124.97	25.180	+3.1	8844
87NOV09	0200	128.97	25.230	+3.0	8862
87NOV09	0600	132.97	25.285	+3.0	8881
87NOV09	1000	136.97	25.330	+2.9	8897
87NOV09	1400	140.97	25.380	+2.8	8914
87NOV09	1800	144.97	25.420	+2.8	8928
87NOV09	2200	148.97	25.460	+2.7	8942
87NOV10	0200	152.97	25.505	+2.6	8958
87NOV10	0600	156.97	25.540	+2.6	8970
87NOV10	1000	160.97	25.580	+2.5	8984
87NOV10	1400	164.97	25.620	+2.5	8998
87NOV10	1800	168.97	25.650	+2.4	9008
87NOV10	2200	172.97	25.675	+2.4	9017
TOP CLOCK STOPPED					
87NOV11	0200	176.97	0.000	-15.3	0
87NOV11	0600	180.97	0.000	-15.3	0
87NOV11	1000	184.97	0.000	-15.3	0
87NOV11	1400	188.97	0.000	-15.3	0
87NOV11	1800	192.97	0.000	-15.3	0
87NOV11	2200	196.97	0.000	-15.3	0
87NOV12	0200	200.97	0.000	-15.3	0
87NOV12	0600	204.97	0.000	-15.3	0

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Element No. 53975

Run Depth: 947.2

Range (kPa): 17237.5

Calib. Equation: 350.51

IHB: D15276

15.25

Location: 16-9-2-29-W1M

360 hr Clock #: 2897

Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV12	1000	208.97	0.000	-15.3	0
87NOV12	1400	212.97	0.000	-15.3	0
87NOV12	1800	216.97	0.000	-15.3	0
87NOV12	2200	220.97	0.000	-15.3	0
87NOV13	0200	224.97	0.000	-15.3	0
87NOV13	0600	228.97	0.000	-15.3	0
87NOV13	1000	232.97	0.000	-15.3	0
87NOV13	1400	236.97	0.000	-15.3	0
87NOV13	1800	240.97	0.000	-15.3	0
87NOV13	2200	244.97	0.000	-15.3	0
87NOV14	0200	248.97	0.000	-15.3	0
87NOV14	0600	252.97	0.000	-15.3	0
87NOV14	1000	256.97	0.000	-15.3	0
87NOV14	1400	260.97	0.000	-15.3	0
87NOV14	1800	264.97	0.000	-15.3	0
87NOV14	2200	268.97	0.000	-15.3	0
87NOV15	0200	272.97	0.000	-15.3	0
87NOV15	0600	276.97	0.000	-15.3	0
87NOV15	1000	280.97	0.000	-15.3	0
87NOV15	1400	284.97	0.000	-15.3	0
87NOV15	1800	288.97	0.000	-15.3	0
87NOV15	2200	292.97	0.000	-15.3	0
87NOV16	0200	296.97	0.000	-15.3	0
87NOV16	0600	300.97	0.000	-15.3	0
87NOV16	1000	304.97	0.000	-15.3	0
87NOV16	1400	308.97	0.000	-15.3	0
87NOV16	1800	312.97	0.000	-15.3	0
87NOV16	2200	316.97	0.000	-15.3	0
87NOV17	0200	320.97	0.000	-15.3	0
87NOV17	0600	324.97	0.000	-15.3	0
87NOV17	1000	328.97	0.000	-15.3	0
87NOV17	1400	332.97	0.000	-15.3	0
87NOV17	1800	336.97	0.000	-15.3	0
87NOV17	2200	340.97	0.000	-15.3	0
87NOV18	0200	344.97	0.000	-15.3	0
87NOV18	0600	348.97	0.000	-15.3	0
87NOV18	1000	352.97	0.000	-15.3	0
87NOV18	1400	356.97	0.000	-15.3	0
87NOV18	1800	360.97	0.000	-15.3	0
87NOV18	2200	364.97			

END OF CHART

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED Location: 16-9-2-29-W1M
Element No. 53975 Range (kPa): 17237.5 IHH: D15276 360 hr Clock #: 2897
Run Depth: 947.2 Calib. Equation: 350.51 15.25 Calib. Date: 87OCT21

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV19	1200	378.97	OFF BOTTOM		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Element No. 49699

Run Depth: 949

Range (kPa): 17237.5

Calib. Equation: 336.43

IH#: D15584

-3.18

Location: 16-9-2-29-W1M

360 hr Clock #: 2922

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV03	1702	0.00	ON BOTTOM-NOT LEGIBLE		
87NOV03	1800	0.97	20.790	-2.5	6989
87NOV03	1815	1.22	OPENED TO FLOW-APPROX.		READING
			19.450	-1.8	6539
			FRICTION		
87NOV03	1830	1.47	19.425	-1.8	6530
87NOV03	1845	1.72	19.375	-1.8	6513
87NOV03	1900	1.97	19.365	-1.7	6510
87NOV03	1930	2.47	18.765	-1.5	6308
87NOV03	2000	2.97	18.560	-1.4	6240
87NOV03	2030	3.47	18.560	-1.4	6240
87NOV03	2100	3.97	18.440	-1.3	6199
87NOV03	2130	4.47	18.385	-1.3	6181
87NOV03	2200	4.97	18.250	-1.2	6135
87NOV03	2300	5.97	18.180	-1.2	6112
87NOV04	0000	6.97	18.055	-1.1	6070
87NOV04	0100	7.97	17.970	-1.1	6041
87NOV04	0200	8.97	17.855	-1.0	6003
87NOV04	0300	9.97	17.810	-1.0	5988
87NOV04	0400	10.97	17.750	-1.0	5967
87NOV04	0500	11.97	17.730	-1.0	5961
87NOV04	0600	12.97	17.585	-0.9	5912
87NOV04	0700	13.97	17.420	-0.8	5857
87NOV04	0800	14.97	17.410	-0.8	5853
87NOV04	0900	15.97	17.385	-0.8	5845
87NOV04	1000	16.97	17.840	-1.0	5998
87NOV04	1100	17.97	17.100	-0.7	5749
87NOV04	1200	18.97	16.915	-0.6	5687
			SHUT IN		
87NOV04	1215	19.22	17.690	-0.9	5947
87NOV04	1230	19.47	18.095	-1.1	6083
87NOV04	1245	19.72	18.430	-1.3	6196
87NOV04	1300	19.97	18.685	-1.4	6282
87NOV04	1330	20.47	18.920	-1.5	6361
87NOV04	1400	20.97	19.190	-1.7	6451
87NOV04	1430	21.47	19.365	-1.7	6510
87NOV04	1500	21.97	19.720	-1.9	6629
87NOV04	1530	22.47	19.970	-2.0	6713
87NOV04	1600	22.97	20.110	-2.1	6760
87NOV04	1700	23.97	20.480	-2.3	6885

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-9-2-29-W1M

Element No. 49699

Range (kPa): 17237.5

IHH: D15584

360 hr Clock #: 2922

Run Depth: 949

Calib. Equation: 336.43 -3.18

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV04	1800	24.97	20.790	-2.5	6989
87NOV04	1900	25.97	21.050	-2.6	7076
87NOV04	2000	26.97	21.260	-2.7	7147
87NOV04	2100	27.97	21.480	-2.8	7221
87NOV04	2200	28.97	21.670	-2.9	7284
87NOV04	2300	29.97	21.865	-3.0	7350
87NOV05	0000	30.97	22.000	-3.1	7395
87NOV05	0100	31.97	22.180	-3.2	7456
87NOV05	0200	32.97	22.320	-3.3	7503
87NOV05	0300	33.97	22.460	-3.4	7550
87NOV05	0400	34.97	22.600	-3.4	7597
87NOV05	0500	35.97	22.710	-3.5	7634
87NOV05	0600	36.97	22.825	-3.6	7672
87NOV05	0700	37.97	22.930	-3.6	7708
87NOV05	0800	38.97	23.020	-3.7	7738
87NOV05	0900	39.97	23.135	-3.7	7776
87NOV05	1000	40.97	23.200	-3.8	7798
87NOV05	1100	41.97	23.310	-3.8	7835
87NOV05	1200	42.97	23.390	-3.9	7862
87NOV05	1400	44.97	23.580	-4.0	7926
87NOV05	1600	46.97	23.730	-4.1	7976
87NOV05	1800	48.97	23.910	-4.2	8037
87NOV05	2000	50.97	24.060	-4.2	8087
87NOV05	2200	52.97	24.180	-4.3	8127
87NOV06	0000	54.97	24.280	-4.4	8161
87NOV06	0200	56.97	24.390	-4.4	8198
87NOV06	0400	58.97	24.490	-4.5	8232
87NOV06	0600	60.97	24.590	-4.5	8265
87NOV06	0800	62.97	24.680	-4.6	8295
87NOV06	1000	64.97	24.765	-4.6	8324
87NOV06	1200	66.97	24.850	-4.7	8352
87NOV06	1400	68.97	24.920	-4.7	8376
87NOV06	1600	70.97	24.990	-4.7	8399
87NOV06	1800	72.97	25.060	-4.8	8423
87NOV06	2000	74.97	25.130	-4.8	8446
87NOV06	2200	76.97	25.200	-4.9	8470
87NOV07	0000	78.97	25.260	-4.9	8490
87NOV07	0200	80.97	25.320	-4.9	8510
87NOV07	0400	82.97	25.375	-5.0	8529
87NOV07	0600	84.97	25.430	-5.0	8547

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-9-2-29-W1M

Element No. 49699

Range (kPa): 17237.5

IH#: D15584

360 hr Clock #: 2922

Run Depth: 949

Calib. Equation: 336.43 -3.18

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV07	0800	86.97	25.485	-5.0	8566
87NOV07	1000	88.97	25.535	-5.0	8583
87NOV07	1200	90.97	25.590	-5.1	8601
87NOV07	1400	92.97	25.630	-5.1	8614
87NOV07	1600	94.97	25.680	-5.1	8631
87NOV07	1800	96.97	25.720	-5.1	8645
87NOV07	2000	98.97	25.770	-5.2	8661
87NOV07	2200	100.97	25.810	-5.2	8675
87NOV08	0000	102.97	25.850	-5.2	8688
87NOV08	0200	104.97	25.890	-5.2	8702
87NOV08	0400	106.97	25.930	-5.3	8715
87NOV08	0600	108.97	25.965	-5.3	8727
87NOV08	0800	110.97	26.000	-5.3	8739
87NOV08	1000	112.97	26.040	-5.3	8752
87NOV08	1200	114.97	26.075	-5.3	8764
87NOV08	1400	116.97	26.100	-5.3	8772
87NOV08	1600	118.97	26.135	-5.4	8784
87NOV08	1800	120.97	26.165	-5.4	8794
87NOV08	2200	124.97	26.220	-5.4	8813
87NOV09	0200	128.97	26.285	-5.5	8834
87NOV09	0600	132.97	26.330	-5.5	8850
87NOV09	1000	136.97	26.385	-5.5	8868
87NOV09	1400	140.97	26.430	-5.5	8883
87NOV09	1800	144.97	26.480	-5.6	8900
87NOV09	2200	148.97	26.520	-5.6	8913
87NOV10	0200	152.97	26.570	-5.6	8930
87NOV10	0600	156.97	26.610	-5.6	8944
87NOV10	1000	160.97	26.650	-5.6	8957
87NOV10	1400	164.97	26.690	-5.7	8970
87NOV10	1800	168.97	26.720	-5.7	8981
87NOV10	2200	172.97	26.750	-5.7	8991
TOP CLOCK STOPPED					
87NOV11	0200	176.97	26.790	-5.7	9004
87NOV11	0600	180.97	26.820	-5.7	9014
87NOV11	1000	184.97	26.850	-5.8	9024
87NOV11	1400	188.97	26.880	-5.8	9034
87NOV11	1800	192.97	26.915	-5.8	9046
87NOV11	2200	196.97	26.940	-5.8	9054
87NOV12	0200	200.97	26.965	-5.8	9063
87NOV12	0600	204.97	26.990	-5.8	9071

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 16-9-2-29-W1M

Element No. 49699

Range (kPa): 17237.5

IH#: D15584

360 hr Clock #: 2922

Run Depth: 949

Calib. Equation: 336.43 -3.18

Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV12	1000	208.97	27.020	-5.9	9081
87NOV12	1400	212.97	27.040	-5.9	9088
87NOV12	1800	216.97	27.070	-5.9	9098
87NOV12	2200	220.97	27.090	-5.9	9105
87NOV13	0200	224.97	27.110	-5.9	9112
87NOV13	0600	228.97	27.140	-5.9	9122
87NOV13	1000	232.97	27.165	-5.9	9130
87NOV13	1400	236.97	27.185	-5.9	9137
87NOV13	1800	240.97	27.200	-5.9	9142
87NOV13	2200	244.97	27.220	-6.0	9148
87NOV14	0200	248.97	27.240	-6.0	9155
87NOV14	0600	252.97	27.260	-6.0	9162
87NOV14	1000	256.97	27.275	-6.0	9167
87NOV14	1400	260.97	27.300	-6.0	9175
87NOV14	1800	264.97	27.320	-6.0	9182
87NOV14	2200	268.97	27.330	-6.0	9185
87NOV15	0200	272.97	27.345	-6.0	9190
87NOV15	0600	276.97	27.370	-6.0	9199
87NOV15	1000	280.97	27.380	-6.0	9202
87NOV15	1400	284.97	27.400	-6.1	9209
87NOV15	1800	288.97	27.410	-6.1	9212
87NOV15	2200	292.97	27.430	-6.1	9219
87NOV16	0200	296.97	27.440	-6.1	9222
87NOV16	0600	300.97	27.460	-6.1	9229
87NOV16	1000	304.97	27.470	-6.1	9232
87NOV16	1400	308.97	27.490	-6.1	9239
87NOV16	1800	312.97	27.500	-6.1	9243
87NOV16	2200	316.97	27.510	-6.1	9246
87NOV17	0200	320.97	27.520	-6.1	9249
87NOV17	0600	324.97	27.530	-6.1	9253
87NOV17	1000	328.97	27.550	-6.1	9259
87NOV17	1400	332.97	27.560	-6.1	9263
87NOV17	1800	336.97	27.570	-6.2	9266
87NOV17	2200	340.97	27.580	-6.2	9269
87NOV18	0200	344.97	27.590	-6.2	9273
87NOV18	0600	348.97	27.595	-6.2	9274
87NOV18	1000	352.97	27.605	-6.2	9278
87NOV18	1400	356.97	27.615	-6.2	9281
87NOV18	1800	360.97	27.630	-6.2	9286
87NOV18	2200	364.97	27.640	-6.2	9290

END OF CHART

Company: HOME OIL COMPANY LIMITED		Location: 16-9-2-29-W1M	
Element No. 49699	Range (kPa): 17237.5	INH: D15584	360 hr Clock #: 2922
Run Depth: 949	Calib. Equation: 336.43	-3.18	Calib. Date: 87OCT22

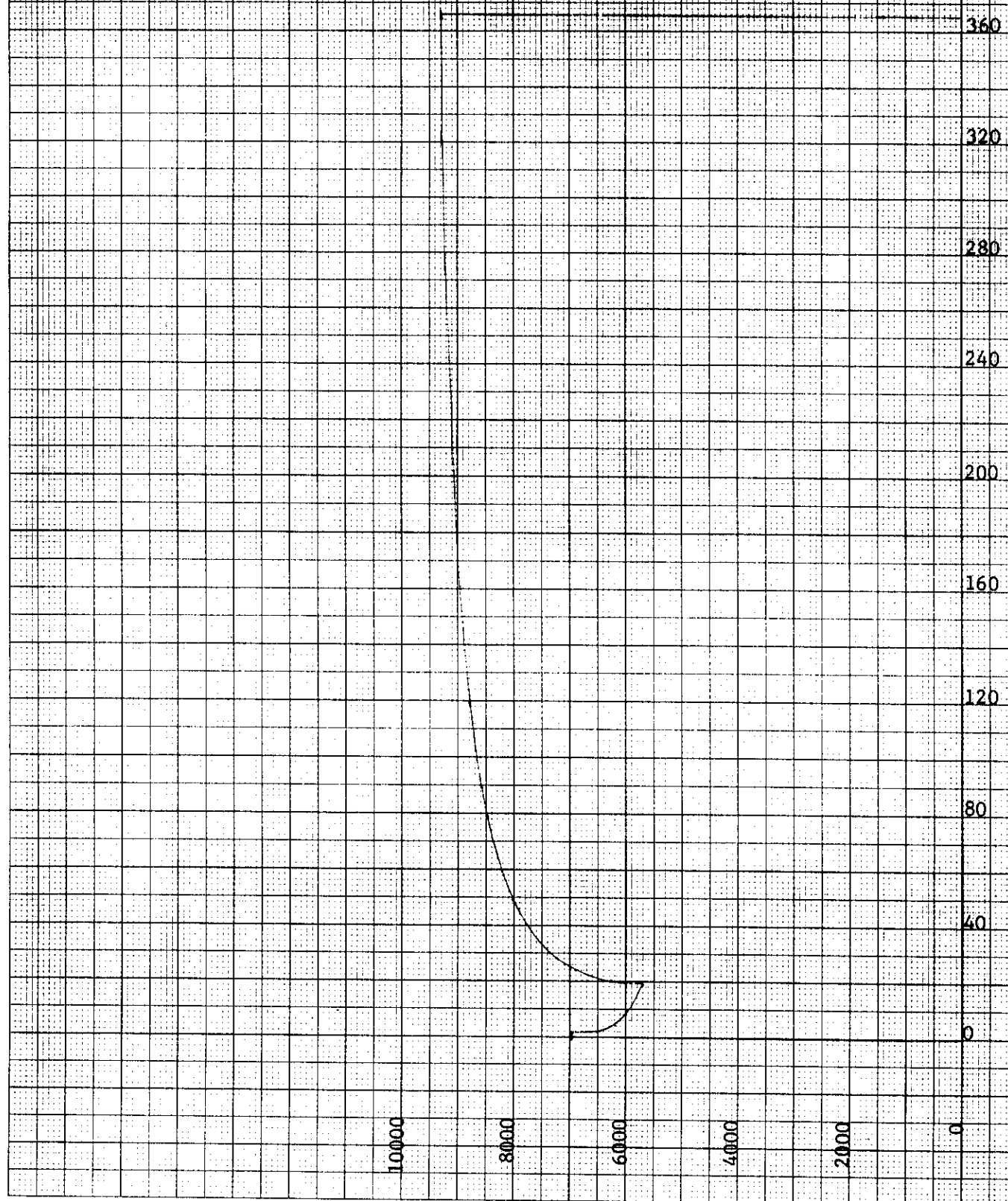
Company: HOME OIL COMPANY LIMITED		Location: 16-9-2-29-W1M	
Element No. 49699	Range (kPa): 17237.5	INH: D15584	360 hr Clock #: 2922
Run Depth: 949	Calib. Equation: 336.43	-3.18	Calib. Date: 87OCT22

Date	Time	Cumulative	Deflection	P-PC	Pressure
87NOV19	1200	378.97	OFF BOTTOM		

461510

K&E 10 X 10 TO THE CENTIMETER 18 X 25 CM KEUFFEL & ESSER CO. MADE IN U.S.A.

Home Scurry S. Pierson
16-9-2-29-WIM
November 3, 1987



MOOSE MOUNTAIN WELL SERVICES LTD.

P.O. Box 65
KENNEDY, SASKATCHEWAN
S0G 2R0

Phone: 538-4351

Have Oil
Person

8-9-2-29

Building and Shovel

March 3/87

**HOME MOUNTAIN
WELL SERVICES LTD.**

COMPANY: HOME OIL COMPANY LIMITED

WELL NAME: HOME SCURRY S. PIERSON

ADDRESS: CALGARY ALBERTA

LOCATION: 8-9-2-29-W1M

FIELD-POOL: PIERSON/SPEARFISH

WELL STATUS: OIL

TYPE OF TEST: SWAB-BUILDUP

DATE OF TEST: 87MAR24

PERF/DH INTERVAL: 1033.5-1035 KB

PRODUCING THROUGH: 73MMTUBE@1042.44KB

ELEVATIONS: (GD) 469.37 (KB) 473.52

MP PROD. INTER: 1030.1 GD

POOL DATUM:

DATUM DEPTH: (CF)

SHUT IN:

RUN DEPTH TEMP: (C) 42

DWG PRESS: (KPA) T=2075 C=3105

ON/OFF BTM: 1545 3/24 - 0905 3/31

TOP RECORDER

BOTTOM RECORDER

ELEMENT SERIAL NO:

53532

60786

RUN DEPTH: (MCF)

1028.2

1030

RUN DEPTH PRESS: (KPA)

10364

10393

GRADIENT-RUN DEPTH: (KPA/M)

PRESSURE AT MMP: (KPA)

10378

10393

DATUM DEPTH PRESS: (KPA)

REMARKS: SET COLLARSTOP @ 1031 AND @ 1021

SHORT READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Element No. 53532

Run Depth: 1028.2

Range (kPa): 20685

Calib. Equation: 422.13 -3.01

IHH: 49040

Location: B-9-2-29-W1M

180 hr Clock #: H14450

Calib. Date: 87APR07

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR24	1545	0.00	ON BOTTOM		
87MAR24	1545	0.00	4.540	+2.9	1916
			APPROXIMATE READINGS		
87MAR24	1715	1.50	5.240	+2.9	2212
			SET COLLAR STOP		
87MAR24	1730	1.75	5.240	+2.9	2212
			START SWABBING		
87MAR24	1735	1.83	3.225	+2.9	1361
			BOTTOM REC. NOT LEGIBLE		
87MAR24	1740	1.92	7.200	+2.8	3039
87MAR24	1745	2.00	2.480	+2.9	1047
87MAR24	1750	2.08	4.540	+2.9	1916
87MAR24	1755	2.17	3.645	+2.9	1539
87MAR24	1758	2.22	3.785	+2.9	1598
87MAR24	1801	2.27	3.160	+2.9	1334
87MAR24	1805	2.33	3.370	+2.9	1422
87MAR24	1809	2.40	2.680	+2.9	1131
87MAR24	1813	2.47	2.850	+2.9	1203
87MAR24	1817	2.53	2.285	+2.9	965
87MAR24	1821	2.60	2.365	+2.9	998
87MAR24	1825	2.67	1.930	+3.0	815
87MAR24	1830	2.75	2.030	+3.0	857
			LAST SWAB		
87MAR24	1835	2.83	1.705	+3.0	720
87MAR24	1845	3.00	2.030	+3.0	857
			FRICTION BOTTOM RECORDER		
87MAR24	1900	3.25	2.230	+2.9	941
87MAR24	1915	3.50	2.505	+2.9	1057
87MAR24	1930	3.75	2.810	+2.9	1186
87MAR24	1945	4.00	3.150	+2.9	1330
87MAR24	2015	4.50	3.735	+2.9	1577
87MAR24	2045	5.00	4.040	+2.9	1705
87MAR24	2115	5.50	4.560	+2.9	1925
87MAR24	2145	6.00	5.280	+2.9	2229
87MAR24	2215	6.50	5.820	+2.8	2457
87MAR24	2245	7.00	6.300	+2.8	2659
87MAR24	2315	7.50	6.755	+2.8	2851
87MAR24	2345	8.00	7.205	+2.8	3041
87MAR25	0045	9.00	8.095	+2.8	3417
87MAR25	0145	10.00	8.870	+2.8	3744

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 8-9-2-29-W1M

Element No. 53532

Range (kPa): 20685

IH#: 49040

180 hr Clock #: H14450

Run Depth: 1028.2

Calib. Equation: 422.13 -3.01

Calib. Date: 87APR07

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR25	0245	11.00	9.500	+2.7	4010
			FRICTION ? TOP RECORDER		
87MAR25	0345	12.00	10.375	+2.4	4379
87MAR25	0445	13.00	10.955	+2.0	4623
87MAR25	0545	14.00	11.670	+1.6	4925
87MAR25	0645	15.00	12.405	+1.1	5235
87MAR25	0745	16.00	12.960	+0.7	5469
87MAR25	0845	17.00	13.430	+0.4	5667
87MAR25	0945	18.00	14.140	-0.0	5966
87MAR25	1045	19.00	14.610	-0.3	6164
87MAR25	1145	20.00	15.230	-0.7	6425
87MAR25	1245	21.00	15.720	-1.0	6632
87MAR25	1345	22.00	16.170	-1.3	6822
87MAR25	1445	23.00	16.670	-1.6	7032
87MAR25	1545	24.00	17.220	-1.9	7264
87MAR25	1645	25.00	17.700	-2.2	7466
87MAR25	1745	26.00	18.150	-2.5	7656
87MAR25	1845	27.00	18.590	-2.8	7842
87MAR25	1945	28.00	19.010	-3.1	8019
87MAR25	2045	29.00	19.410	-3.3	8187
87MAR25	2145	30.00	19.690	-3.5	8305
87MAR25	2245	31.00	20.200	-3.6	8520
87MAR25	2345	32.00	20.580	-3.7	8681
87MAR26	0045	33.00	20.945	-3.8	8835
87MAR26	0145	34.00	21.280	-3.9	8976
87MAR26	0245	35.00	21.610	-3.9	9115
87MAR26	0345	36.00	21.910	-4.0	9242
87MAR26	0445	37.00	22.260	-4.1	9390
87MAR26	0545	38.00	22.440	-4.1	9465
87MAR26	0645	39.00	22.650	-4.2	9554
87MAR26	0745	40.00	22.880	-4.2	9651
87MAR26	0845	41.00	23.040	-4.3	9719
87MAR26	0945	42.00	23.260	-4.3	9811
87MAR26	1045	43.00	23.385	-4.4	9864
87MAR26	1145	44.00	23.500	-4.4	9913
87MAR26	1245	45.00	23.660	-4.4	9980
87MAR26	1345	46.00	23.740	-4.5	10014
87MAR26	1445	47.00	23.845	-4.5	10058
			BOTTOM FRICTION ENDS		
87MAR26	1545	48.00	23.930	-4.5	10094

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 8-9-2-29-W1M

Element No. 53532

Range (kPa): 20685

IH#: 49040

180 hr Clock #: H14450

Run Depth: 1028.2

Calib. Equation: 422.13 -3.01

Calib. Date: 87APR07

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR26	1745	50.00	24.050	-4.5	10145
87MAR26	1945	52.00	24.140	-4.6	10183
87MAR26	2145	54.00	24.215	-4.6	10214
87MAR26	2345	56.00	24.265	-4.6	10235
87MAR27	0145	58.00	24.310	-4.6	10254
87MAR27	0345	60.00	24.340	-4.6	10267
87MAR27	0545	62.00	24.370	-4.6	10280
87MAR27	0745	64.00	24.390	-4.6	10288
87MAR27	0945	66.00	24.410	-4.6	10297
87MAR27	1145	68.00	24.430	-4.6	10305
87MAR27	1345	70.00	24.445	-4.6	10311
87MAR27	1545	72.00	24.460	-4.6	10318
87MAR27	1945	76.00	24.475	-4.6	10324
87MAR27	2345	80.00	24.485	-4.6	10328
87MAR28	0345	84.00	24.500	-4.6	10335
87MAR28	0745	88.00	24.510	-4.6	10339
87MAR28	1145	92.00	24.525	-4.6	10345
87MAR28	1545	96.00	24.530	-4.6	10347
87MAR28	1945	100.00	24.530	-4.6	10347
87MAR28	2345	104.00	24.540	-4.7	10351
87MAR29	0345	108.00	24.545	-4.7	10354
87MAR29	0745	112.00	24.550	-4.7	10356
87MAR29	1145	116.00	24.555	-4.7	10358
87MAR29	1545	120.00	24.560	-4.7	10360
87MAR29	1945	124.00	24.560	-4.7	10360
87MAR29	2345	128.00	24.560	-4.7	10360
87MAR30	0345	132.00	24.565	-4.7	10362
87MAR30	0745	136.00	24.570	-4.7	10364
87MAR30	1145	140.00	24.570	-4.7	10364
87MAR30	1545	144.00	24.570	-4.7	10364
87MAR30	1945	148.00	24.570	-4.7	10364
87MAR30	2345	152.00	24.570	-4.7	10364
87MAR31	0345	156.00	24.570	-4.7	10364
87MAR31	0715	159.50	24.570	-4.7	10364
87MAR31	0905	161.33	OFF BOTTOM		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 8-9-2-29-W1M

Element No. 60786

Range (kPa): 20685

IHH: D15277

180 hr Clock #: HB302

Run Depth: 1030

Calib. Equation: 420.99 -4.22

Calib. Date: 87APR07

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR24	1545	0.00	ON BOTTOM		
87MAR24	1545	0.00	4.630	+3.0	1948
APPROXIMATE READINGS					
87MAR24	1715	1.50	SET COLLAR STOP		
87MAR24	1730	1.75	START SWABBING		
87MAR24	1735	1.83	BOTTOM REC. NOT LEGIBLE		
87MAR24	1740	1.92	0.000	+4.2	0
87MAR24	1745	2.00	0.000	+4.2	0
87MAR24	1750	2.08	0.000	+4.2	0
87MAR24	1755	2.17	0.000	+4.2	0
87MAR24	1758	2.22	3.865	+3.2	1626
87MAR24	1801	2.27	3.215	+3.4	1353
87MAR24	1805	2.33	3.435	+3.3	1445
87MAR24	1809	2.40	2.730	+3.5	1149
87MAR24	1813	2.47	2.900	+3.5	1220
87MAR24	1817	2.53	2.320	+3.6	976
87MAR24	1821	2.60	2.420	+3.6	1018
87MAR24	1825	2.67	1.970	+3.7	829
87MAR24	1830	2.75	2.110	+3.7	888
LAST SWAB					
87MAR24	1835	2.83	1.760	+3.8	740
87MAR24	1845	3.00	3.270	+3.4	1376
FRICTION BOTTOM RECORDER					
87MAR24	1900	3.25	3.270	+3.4	1376
87MAR24	1915	3.50	3.270	+3.4	1376
87MAR24	1930	3.75	3.280	+3.4	1380
87MAR24	1945	4.00	3.280	+3.4	1380
87MAR24	2015	4.50	3.990	+3.2	1679
87MAR24	2045	5.00	4.500	+3.0	1893
87MAR24	2115	5.50	5.000	+2.9	2104
87MAR24	2145	6.00	5.385	+2.8	2266
87MAR24	2215	6.50	6.390	+2.6	2688
87MAR24	2245	7.00	6.400	+2.6	2693
87MAR24	2315	7.50	7.000	+2.4	2945
87MAR24	2345	8.00	7.010	+2.4	2949
87MAR25	0045	9.00	7.895	+2.2	3322
87MAR25	0145	10.00	8.970	+1.9	3774
87MAR25	0245	11.00	9.920	+1.6	4174
FRICTION ? TOP RECORDER					
87MAR25	0345	12.00	10.460	+1.3	4401

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 8-9-2-29-W1M

Element No. 60786

Range (kPa): 20685

IH#: D15277

180 hr Clock #: H8302

Run Depth: 1030

Calib. Equation: 420.99 -4.22

Calib. Date: 87APR07

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR25	0445	13.00	11.025	+1.0	4638
87MAR25	0545	14.00	11.760	+0.6	4947
87MAR25	0645	15.00	12.290	+0.3	5170
87MAR25	0745	16.00	13.040	-0.1	5485
87MAR25	0845	17.00	13.540	-0.4	5696
87MAR25	0945	18.00	14.025	-0.7	5899
87MAR25	1045	19.00	14.580	-1.0	6133
87MAR25	1145	20.00	15.160	-1.3	6377
87MAR25	1245	21.00	15.610	-1.6	6566
87MAR25	1345	22.00	16.225	-1.9	6824
87MAR25	1445	23.00	16.745	-2.2	7043
87MAR25	1545	24.00	17.120	-2.4	7201
87MAR25	1645	25.00	17.640	-2.7	7419
87MAR25	1745	26.00	18.130	-3.0	7625
87MAR25	1845	27.00	18.590	-3.2	7819
87MAR25	1945	28.00	19.020	-3.5	8000
87MAR25	2045	29.00	19.430	-3.7	8172
87MAR25	2145	30.00	19.840	-3.9	8344
87MAR25	2245	31.00	20.230	-4.0	8508
87MAR25	2345	32.00	20.590	-4.1	8660
87MAR26	0045	33.00	20.955	-4.2	8813
87MAR26	0145	34.00	21.230	-4.3	8929
87MAR26	0245	35.00	21.570	-4.4	9072
87MAR26	0345	36.00	21.890	-4.5	9207
87MAR26	0445	37.00	22.210	-4.6	9341
87MAR26	0545	38.00	22.485	-4.7	9457
87MAR26	0645	39.00	22.720	-4.8	9556
87MAR26	0745	40.00	22.900	-4.8	9632
87MAR26	0845	41.00	23.110	-4.9	9720
87MAR26	0945	42.00	23.295	-4.9	9798
87MAR26	1045	43.00	23.455	-5.0	9865
87MAR26	1145	44.00	23.580	-5.0	9918
87MAR26	1245	45.00	23.720	-5.1	9977
87MAR26	1345	46.00	23.810	-5.1	10014
87MAR26	1445	47.00	23.915	-5.1	10059
BOTTOM FRICTION ENDS					
87MAR26	1545	48.00	23.980	-5.1	10086
87MAR26	1745	50.00	24.120	-5.2	10145
87MAR26	1945	52.00	24.225	-5.2	10189
87MAR26	2145	54.00	24.310	-5.2	10225

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: B-9-2-29-W1M

Element No. 60786

Range (kPa): 20685

INH: D15277

180 hr Clock #: H8302

Run Depth: 1030

Calib. Equation: 420.99 -4.22

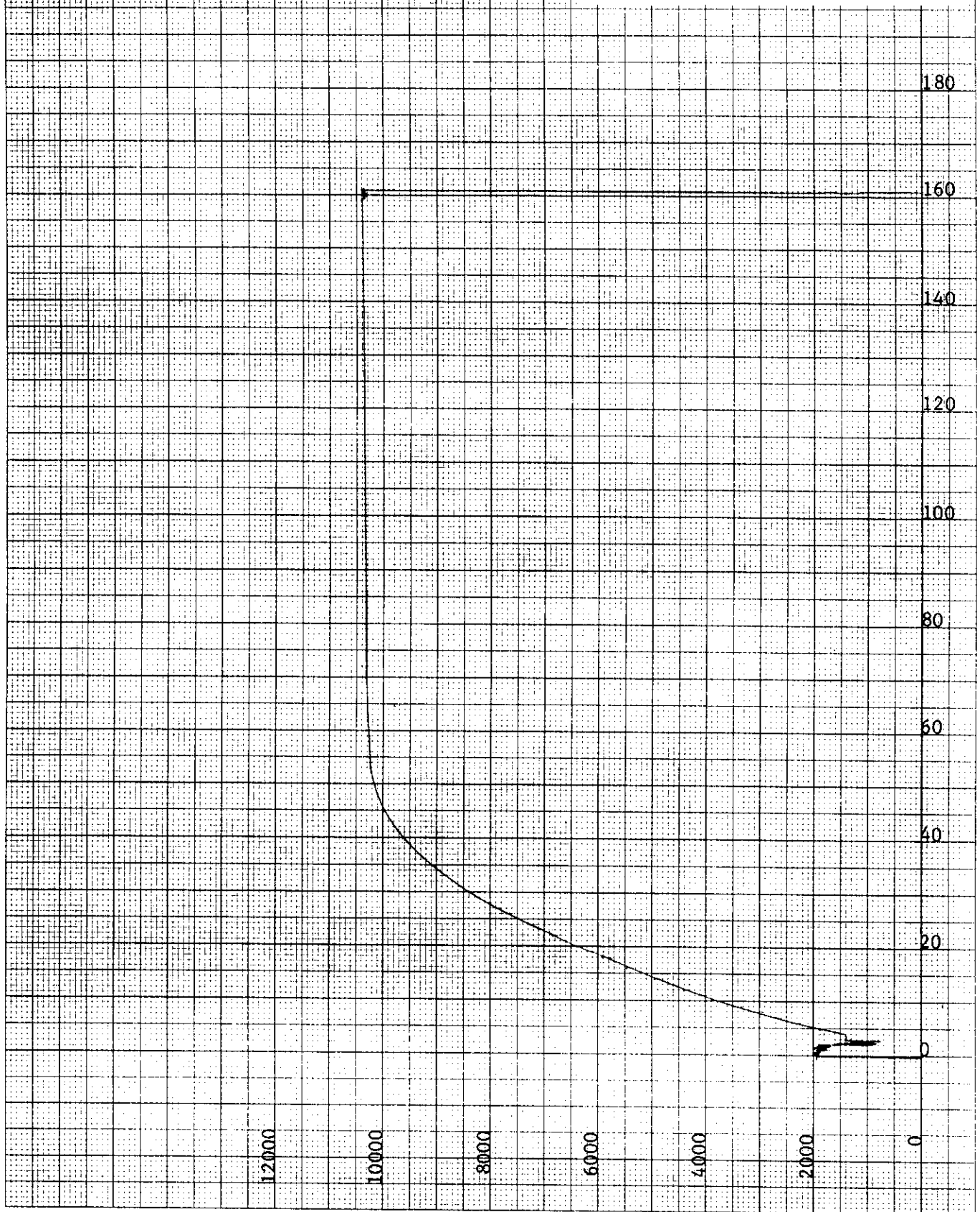
Calib. Date: 87APR07

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR26	2345	56.00	24.370	-5.3	10250
87MAR27	0145	58.00	24.415	-5.3	10269
87MAR27	0345	60.00	24.450	-5.3	10284
87MAR27	0545	62.00	24.475	-5.3	10294
87MAR27	0745	64.00	24.495	-5.3	10303
87MAR27	0945	66.00	24.520	-5.3	10313
87MAR27	1145	68.00	24.535	-5.3	10319
87MAR27	1345	70.00	24.550	-5.3	10326
87MAR27	1545	72.00	24.565	-5.3	10332
87MAR27	1945	76.00	24.580	-5.3	10338
87MAR27	2345	80.00	24.590	-5.3	10343
87MAR28	0345	84.00	24.605	-5.3	10349
87MAR28	0745	88.00	24.620	-5.3	10355
87MAR28	1145	92.00	24.630	-5.3	10359
87MAR28	1545	96.00	24.640	-5.3	10364
87MAR28	1945	100.00	24.645	-5.3	10366
87MAR28	2345	104.00	24.650	-5.3	10368
87MAR29	0345	108.00	24.650	-5.3	10368
87MAR29	0745	112.00	24.660	-5.4	10372
87MAR29	1145	116.00	24.670	-5.4	10376
87MAR29	1545	120.00	24.675	-5.4	10378
87MAR29	1945	124.00	24.680	-5.4	10380
87MAR29	2345	128.00	24.680	-5.4	10380
87MAR30	0345	132.00	24.690	-5.4	10385
87MAR30	0745	136.00	24.690	-5.4	10385
87MAR30	1145	140.00	24.700	-5.4	10389
87MAR30	1545	144.00	24.705	-5.4	10391
87MAR30	1945	148.00	24.705	-5.4	10391
87MAR30	2345	152.00	24.705	-5.4	10391
87MAR31	0345	156.00	24.710	-5.4	10393
87MAR31	0715	159.50	24.710	-5.4	10393
87MAR31	0905	161.33	OFF BOTTOM		

461510

K&S 10 X 10 TO THE CENTIMETER 10 X 23 CM. KEUFFEL & ESSER CO. MADE IN U.S.A.

Home Scurry S. Pierson
8-9-2-29-W1M
March 24, 1987



ROOSE MOUNTAIN WELL SERVICES LTD.

COMPANY:HOME OIL COMPANY LIMITED	WELL NAME: HOME SCURRY S. PIERSON
ADDRESS: CALGARY ALBERTA	LOCATION: 8-9-2-29-W1M
FIELD-POOL: PIERSON/SPEARFISH	WELL STATUS: OIL
TYPE OF TEST: STATIC GRADIENT	DATE OF TEST: 87MAR31
PERF/OH INTERVAL: 1033.5-1035 KB	PRODUCING THROUGH: 73MMTUBE@1042.44KB
ELEVATIONS: (GD)469.37 (KB) 473.52	MP PROD. INTER: 1030.1 GD
POOL DATUM:	DATUM DEPTH: (CF)

SHUT IN:	RUN DEPTH TEMP: (C) 42
DWG PRESS: (KPA) T=2075 C=3105	ON/OFF BTM: 1002-1007

	TOP RECORDER	BOTTOM RECORDER
ELEMENT SERIAL NO:	53532	60786
RUN DEPTH: (MCF)	1028.2	1030
RUN DEPTH PRESS: (KPA)	10098	10094
GRADIENT-RUN DEPTH: (KPA/M)	7.735	7.853
PRESSURE AT MMP: (KPA)	10112	10094
DATUM DEPTH PRESS: (KPA)		

REMARKS:

Company: HOME OIL COMPANY LIMITED

Location: B-9-2-29-W1M

Element #: 53532 Range(kPa): 20685 IHH: 49040 3 hr Clock #: A14054

Run Date: 87MAR31 Calib. Equation: 422.13 -3.01 Calib. Date: 87APR07

Depth Below cfm	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
-1.80	927- 930	4.855	+3	2049	0.000
298.20	934- 937	10.610	+2	4478	8.096
598.20	940- 943	16.150	-1	6813	7.784
798.20	946- 949	19.755	-3	8333	7.598
898.20	950- 953	21.575	-4	9101	7.678
948.20	954- 957	22.485	-4	9484	7.678
998.20	958-1001	23.390	-4	9866	7.636
1028.20	1002-1007	23.940	-5	10098	7.735

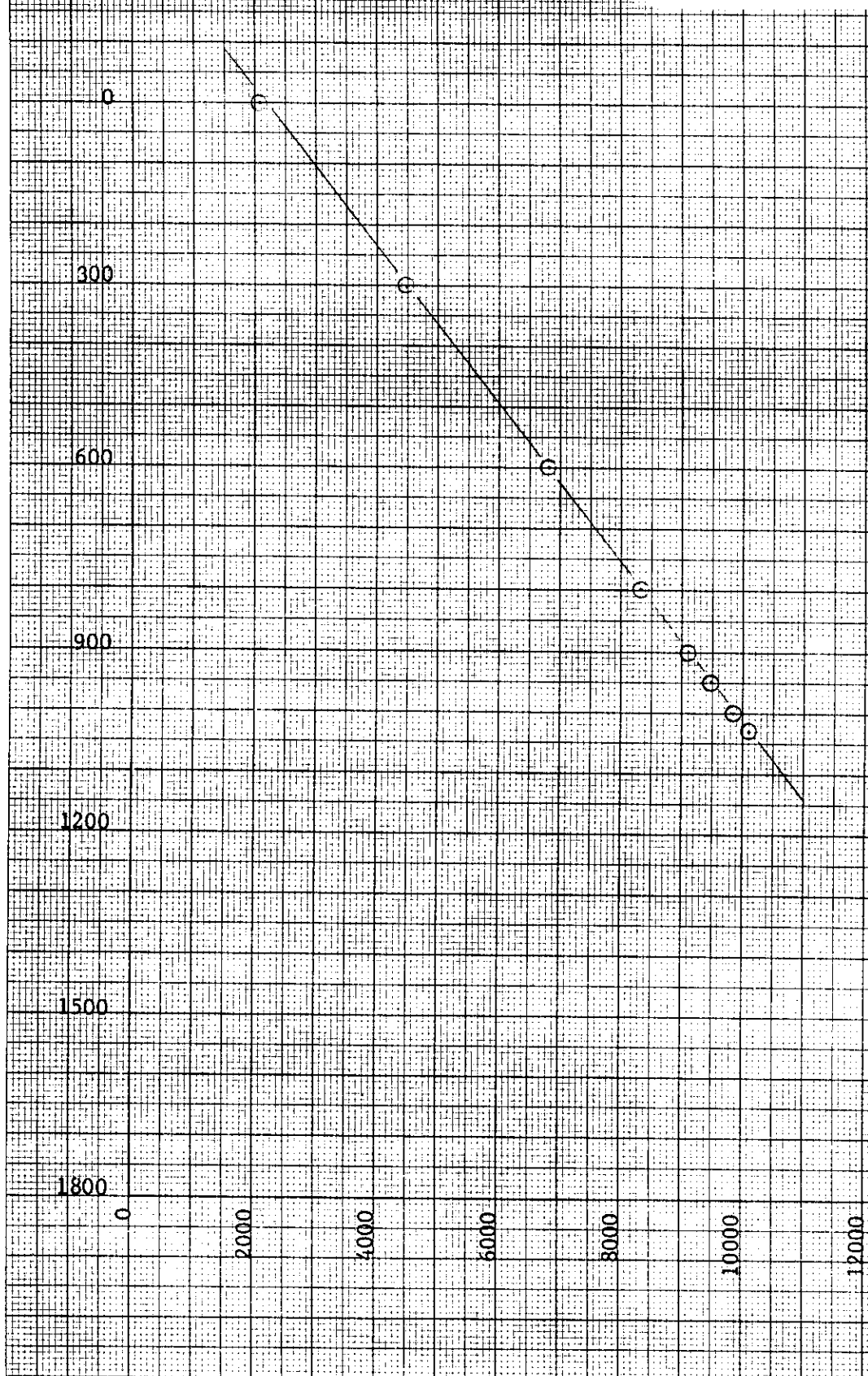
Element #: 60786 Range(kPa): 20685 IHH: D15277 3 hr Clock #: A15009

Run Date: 87MAR31 Calib. Equation: 420.99 -4.22 Calib. Date: 87APR07

Depth Below cfm	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
0.00	927- 930	4.920	+3	2070	0.000
300.00	934- 937	10.660	+1	4485	8.049
600.00	940- 943	16.200	-2	6814	7.764
800.00	946- 949	19.810	-4	8332	7.589
900.00	950- 953	21.622	-4	9094	7.623
950.00	954- 957	22.540	-5	9480	7.724
1000.00	958-1001	23.440	-5	9859	7.572
1030.00	1002-1007	24.000	-5	10094	7.853

461510

Home Scurry S. Pierson
8-9-2-29-W1M
March 31, 1987





INTER-OFFICE MEMORANDUM

TO: K.R. Brown
FROM: M.B. Muir
SUBJECT: HANDOVER LETTER
HOME SCURRY S. PIERSON
08-09-002-29 WIM

DATE: 1987-04-21
FILE NO 0237e

Completion operations at the 8-9 well have finished and the well is to be handed over to the Southern Operations group. This memo is to inform your group of the results todate in order that you may prepare to undertake production operations at this location.

The well was drilled to a depth of 1075 m K.B. and cased with 139.7 mm, 23.8 kg/m casing to a depth of 1073 m K.B. The PBDT was 1058.7 m K.B. The well was spud 1986-12-13 and the rig released 1986-12-18. No DST's were run. One 18 meter core was cut and recovered from the Spearfish Zone.

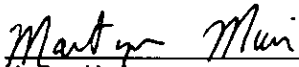
The original completion request called for perforating and testing a Mississippian interval prior to the main completion of the Spearfish Zone. The wellhead was installed and a bond log run on 1987-01-12 under AFE 186-798. The bond log showed the bond to be good over both completion intervals.

The completion of the Mississippian Zone commenced 1987-03-21 under AFE 187-057. The well was perforated over the interval 1033.5 to 1035.0 m K.B. using a HSC casing gun loaded with 13 spm. The well was swabbed for a 1 1/2 day interval and then shut-in. Recorders were hung in the pump seating nipple prior to the end of swabbing. Recorders were pulled 1987-03-31 after a seven day build-up. The Estevan office of Southern Operations group immediately ran a pump and rod and the well was on production on 1987-03-31. Initial inflow was good thus the perforations were not stimulated.

The horner plot of the build-up data indicated the following: $p^* = 10551$ kPa, $kh/u = 35.4$ md.m/mPa.s and $S = 7.5$. The projected reservoir pressure of 10551 kPa was as expected for the area. The transmissivity of 35.4 yields an estimated permeability of 21.82 md. The skin factor of 7.5 indicates that a severe skin damage is present. The rapid decline in daily production noted this month confirms this.

It is recommended that the Southern Operations group, in consultation with the New Well Completions group and Exploration geology undertake an acid wash and small matrix squeeze of the present perforations. Exploration geology have concerns with underlying water. Funds exist in the present completion AFE to undertaken this work. Similar concerns exist during production, thus it is suggested to slow the pumpjack down by shortening the stroke length.

Included for your information is the completions program, daily detailed reports and the Horner analysis.


M.B. Muir

MBM/sls

cc: M.B. Muir
R.W. Kooyman
R.A. Jamieson
D. Robertson
D. Botterill
Well File

A. Holder
M. Wilcox
H. Pitts
B. Smith
Day File

OIL PRESSURE BUILDUP ANALYSIS - HORNER

WELL SRO 5 PIERSON 8-9-2-29 WPM
PRESSURE BUILDUP ANALYSIS

MARCH 24TH TO MARCH 31ST, 1987
\$UNITS

PRODUCTION AND TIMES

Cumulative Production = 16.4 m^3
Actual Flow Time = 32.75 hr
Horner Flow Time = 33.27 hr
Final Flow Rate $q_o = 11.8 \text{ m}^3/\text{d}$
Final Flow Rate $q_g = 1.079 \text{ 10 m}^3/\text{d}$
Final Flow Rate $q_w = 0.2 \text{ m}^3/\text{d}$

RESERVOIR PARAMETERS

Wellbore Radius $r_w = 0.100 \text{ m}$ Reservoir Temp $T_R = 315 \text{ K}$
Net Pay $h = 2.0 \text{ m}$ Water Saturation $S_w = 0.015$
Total Porosity $\phi_{hit} = 0.120$ Oil Saturation $S_o = 0.985$

FLUID PROPERTIES

Compress. $c_g = 0.00011948 \text{ 1/kPa}$ Viscosity $\mu_o = 1.250 \text{ mPa.s}$
Compress. $c_o = 0.00003763 \text{ 1/kPa}$ Vol. Fac. $B_g = 0.0094017$
Compress. $c_w = 0.00000039 \text{ 1/kPa}$ Vol. Fac. $B_o = 1.171$
Compress. $c_f = 0.00000065 \text{ 1/kPa}$ Vol. Fac. $B_w = 1.004$
Compress. $c_t = 0.00003773 \text{ 1/kPa}$ Sol. Gas $R_{so} = 91.6 \text{ m}^3/\text{m}^3$

PRESSURES

Horner Extrapolation $p^* = 10551 \text{ kPa}$
Initial Reservoir $p_i = 105 \text{ kPa}$
Final Flowing $p_{wfo} = 835 \text{ kPa}$
1 Hour Shut-in $p_{ws1} = 9260 \text{ kPa}$
Average Test $p_{av} = 9695 \text{ kPa}$

OIL PRESSURE BUILDUP ANALYSIS - HORNER

HONE SRO S PIERSON 8-9-2-29 WPM
PRESSURE BUILDUP ANALYSIS

MARCH 24TH TO MARCH 31ST, 1987
\$UNITS

SEMILOG STRAIGHT LINE RESULTS

Slope	m	=	841 kPa
Transmissivity	[kh/ult	=	35.37 mD.m/mPa.s
	[kh/ulo	=	34.92 mD.m/mPa.s
Mobility	[k/ult	=	17.69 mD/mPa.s
	[k/ulo	=	17.46 mD/mPa.s
Flow Capacity	[kh]o	=	43.65 mD.m
Permeability	ko	=	21.82 mD
Skin Factor	s	=	7.5
Pressure Drop Due to Skin		=	5483 kPa
Flow Efficiency	FE	=	8.5
Damage Ratio	DR	=	0.1
Productivity Index	PI	=	0.01620550 ³ m /d/kPa
Radius of Inv.	rinv	=	43 m

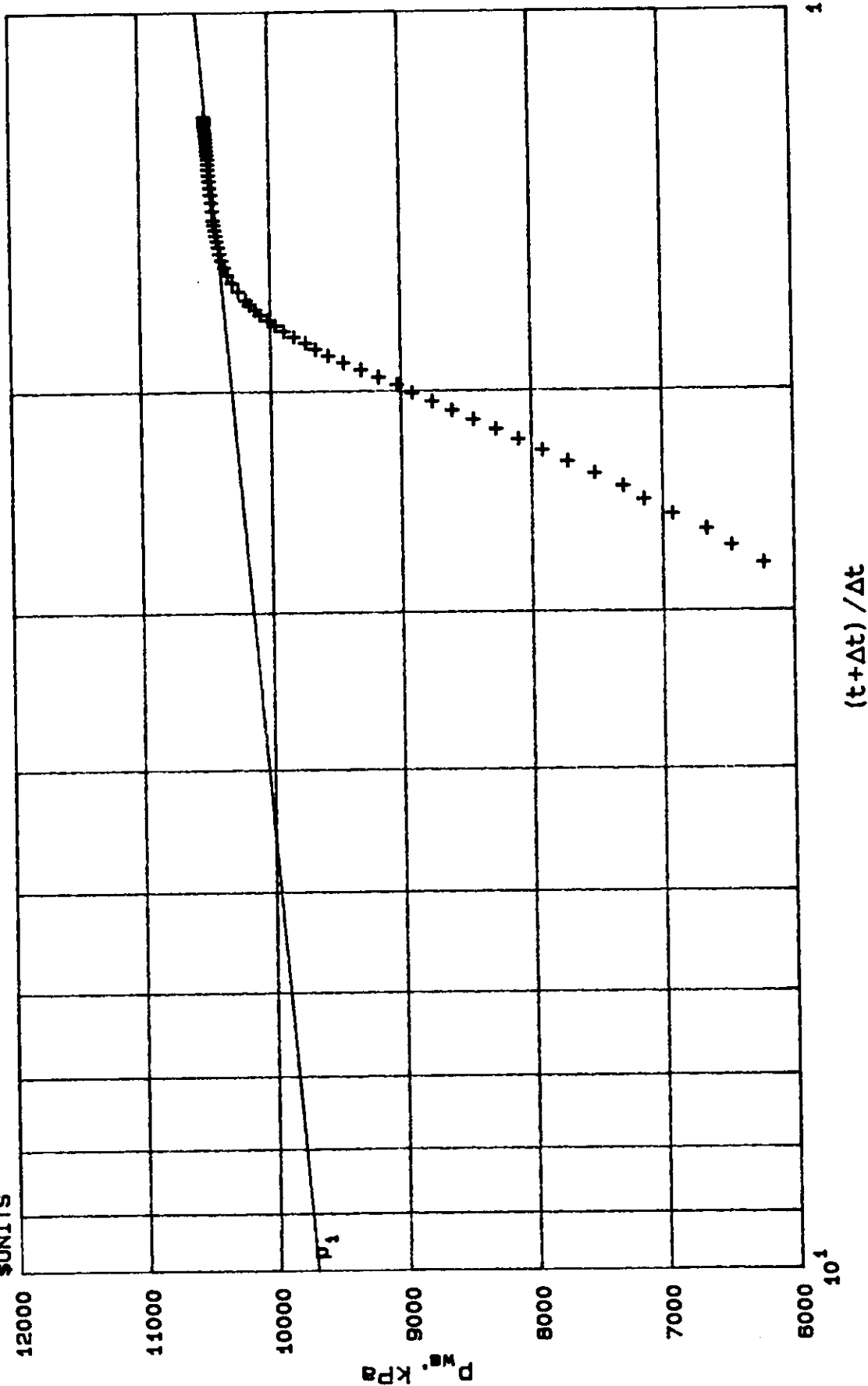
STABILIZED RATE PREDICTIONS

Drainage Area	A	=	65 ha
Shape/Well Configuration		=	R1A
Time to Stabilization	ts	=	4604 hr
qs =	--- ³ m /d	PI = 0.00106609 ³ m /d/kPa	@ s = 7.5
qs =	--- ³ m /d	PI = 0.00210750 ³ m /d/kPa	@ s = 0.0
qs =	--- ³ m /d	PI = 0.00439689 ³ m /d/kPa	@ s = -4.0

HORNER PRESSURE BUILDUP PLOT

HOME SRO S PIERSON 8-9-2-29 WPM
 PRESSURE BUILDUP ANALYSIS
 MARCH 24TH TO MARCH 31ST, 1987

$m = 841 \text{ kPa}$
 $p_i = 10551 \text{ kPa}$
 $[kh/\mu]_e = 35.37 \text{ mD.m/mPa.s}$
 $s = 7.5$



**PRESSURE BUILDUP DATA
IN TERMS OF PRESSURE**

HOME SRD S PIERSON 8-9-2-29 WPM
PRESSURE BUILDUP ANALYSIS

MARCH 24TH TO MARCH 31ST, 1987
\$UNITS

Shut-in time hr	Horner time	Equiv time hr	Super time	Super Equiv time hr	Gauge Press RRD kPa	pws MPP kPa	del p kPa
0.00	-----	-----	----	----	----	835	----
2.83	12.76	2.61	----	----	740	838	3
3.00	12.09	2.75	----	----	1376	1474	639
3.25	11.24	2.96	----	----	1376	1474	639
3.50	10.51	3.17	----	----	1376	1474	639
3.75	9.87	3.37	----	----	1380	1478	643
4.00	9.32	3.57	----	----	1380	1478	643
4.50	8.39	3.96	----	----	1679	1777	942
5.00	7.65	4.35	----	----	1893	1991	1156
5.50	7.05	4.72	----	----	2104	2202	1367
6.00	6.55	5.08	----	----	2266	2364	1529
6.50	6.12	5.44	----	----	2688	2786	1951
7.00	5.75	5.78	----	----	2693	2791	1956
7.50	5.44	6.12	----	----	2945	3043	2208
8.00	5.16	6.45	----	----	2949	3047	2212
10.00	4.33	7.69	----	----	3774	3872	3037
11.00	4.02	8.27	----	----	4174	4272	3437
12.00	3.77	8.82	----	----	4401	4499	3664
13.00	3.56	9.35	----	----	4638	4736	3901
14.00	3.38	9.85	----	----	4947	5045	4210
15.00	3.22	10.34	----	----	5170	5268	4433
16.00	3.08	10.80	----	----	5485	5583	4748
17.00	2.96	11.25	----	----	5696	5794	4959
18.00	2.85	11.68	----	----	5899	5997	5162
19.00	2.75	12.09	----	----	6133	6231	5396
20.00	2.66	12.49	----	----	6377	6475	5640
21.00	2.58	12.87	----	----	6566	6664	5829
22.00	2.51	13.24	----	----	6824	6922	6087
23.00	2.45	13.60	----	----	7043	7141	6306
24.00	2.39	13.94	----	----	7201	7299	6464
25.00	2.33	14.27	----	----	7419	7517	6682
26.00	2.28	14.59	----	----	7625	7723	6888
27.00	2.23	14.90	----	----	7819	7917	7082
28.00	2.19	15.20	----	----	8000	8098	7263
29.00	2.15	15.49	----	----	8172	8270	7435
30.00	2.11	15.78	----	----	8344	8442	7607
31.00	2.07	16.05	----	----	8508	8606	7771
32.00	2.04	16.31	----	----	8660	8758	7923
33.00	2.01	16.57	----	----	8813	8911	8076
34.00	1.98	16.82	----	----	8929	9027	8192
35.00	1.95	17.06	----	----	9072	9170	8335

Shut-in time hr	Horner time	Equiv time hr	Super time	Super Equiv time hr	Gauge Press RRD kPa	pws MPP kPa	del p kPa
36.00	1.92	17.29	----	----	9207	9305	8470
37.00	1.90	17.52	----	----	9341	9439	8604
38.00	1.88	17.74	----	----	9457	9555	8720
39.00	1.85	17.95	----	----	9556	9654	8819
40.00	1.83	18.16	----	----	9632	9730	8895
41.00	1.81	18.37	----	----	9720	9818	8983
42.00	1.79	18.56	----	----	9798	9896	9061
43.00	1.77	18.76	----	----	9865	9963	9128
44.00	1.76	18.95	----	----	9918	10016	9181
45.00	1.74	19.13	----	----	9977	10075	9240
46.00	1.72	19.31	----	----	10014	10112	9277
47.00	1.71	19.48	----	----	10059	10157	9322
48.00	1.69	19.65	----	----	10086	10184	9349
50.00	1.67	19.98	----	----	10145	10243	9408
52.00	1.64	20.29	----	----	10189	10287	9452
54.00	1.62	20.59	----	----	10225	10323	9488
56.00	1.59	20.87	----	----	10250	10348	9513
58.00	1.57	21.14	----	----	10269	10367	9532
60.00	1.55	21.40	----	----	10284	10382	9547
62.00	1.54	21.65	----	----	10294	10392	9557
64.00	1.52	21.89	----	----	10303	10401	9566
66.00	1.50	22.12	----	----	10313	10411	9576
68.00	1.49	22.34	----	----	10319	10417	9582
70.00	1.48	22.55	----	----	10326	10424	9589
72.00	1.46	22.76	----	----	10332	10430	9595
76.00	1.44	23.14	----	----	10338	10436	9601
80.00	1.42	23.50	----	----	10343	10441	9606
84.00	1.40	23.83	----	----	10349	10447	9612
88.00	1.38	24.14	----	----	10355	10453	9618
92.00	1.36	24.43	----	----	10359	10457	9622
96.00	1.35	24.71	----	----	10364	10462	9627
100.00	1.33	24.97	----	----	10366	10464	9629
104.00	1.32	25.21	----	----	10368	10466	9631
108.00	1.31	25.44	----	----	10368	10466	9631
112.00	1.30	25.65	----	----	10372	10470	9635
116.00	1.29	25.86	----	----	10376	10474	9639
120.00	1.28	26.05	----	----	10378	10476	9641
124.00	1.27	26.23	----	----	10380	10478	9643
128.00	1.26	26.41	----	----	10380	10478	9643
132.00	1.25	26.57	----	----	10385	10483	9648

Shut-in time hr	Horner time	Equiv time hr	Super time	Super Equiv time hr	Gauge Press RRD kPa	pws MFP kPa	del p kPa
136.00	1.24	26.73	---	---	10385	10483	9648
140.00	1.24	26.88	---	---	10387	10487	9652
144.00	1.23	27.03	---	---	10391	10489	9654
148.00	1.22	27.16	---	---	10391	10489	9654
152.00	1.22	27.30	---	---	10391	10489	9654
156.00	1.21	27.42	---	---	10393	10491	9656
159.50	1.21	27.53	---	---	10393	10491	9656
init	---	---	---	---	---	105	---

**MOOSE MOUNTAIN
WELL SERVICES LTD.**

COMPANY:HOME OIL COMPANY LIMITED

ADDRESS: CALGARY ALBERTA

FIELD-POOL: PIERSON/SPEARFISH

TYPE OF TEST: SWAB BUILDUP

PERF/DH INTERVAL: 1028.5-1036 KB

ELEVATIONS: (GL)471.13 (KB) 475.28

POOL DATUM:

WELL NAME: HOME PIERSON

LOCATION: 6-4-2-29-W1M

WELL STATUS: OIL

DATE OF TEST: 87FEB04

PRODUCING THROUGH: 70MMTUBE@1038.69

MP PROD. INTER: 1028.1 GL

DATUM DEPTH: (CF)

SHUT IN: 1500 2/4/87

DWG PRESS: (KPA) T=240 C=660

RUN DEPTH TEMP: (C) 53

ON/OFF BTM: 1020 2/4 - 1440 2/11

ELEMENT SERIAL NO:

RUN DEPTH: (MCF)

RUN DEPTH PRESS: (KPA)

GRADIENT-RUN DEPTH: (KPA/M)

PRESSURE AT MMP: (KPA)

DATUM DEPTH PRESS: (KPA)

REMARKS:

TOP RECORDER

BOTTOM RECORDER

60787

53532

1025.2

1027

7682

7697

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-4-2-29-W1M

Element No. 60787

Range (kPa): 20685

IHM: 49040

180 hr Clock #: 14451

Run Depth: 1025.2

Calib. Equation: 420.4 -4.05

Calib. Date: 86DEC10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87FEB04	1020	0.00	ON BOTTOM		
87FEB04	1020	0.00	7.650	+4.3	3216
87FEB04	1110	0.83	7.950	+4.3	3342
			SWABBING		
87FEB04	1135	1.25	8.245	+4.3	3466
87FEB04	1140	1.33	6.340	+4.2	2666
87FEB04	1200	1.67	7.505	+4.2	3155
87FEB04	1205	1.75	5.860	+4.2	2464
87FEB04	1215	1.92	6.630	+4.2	2787
87FEB04	1220	2.00	5.245	+4.2	2205
87FEB04	1235	2.25	7.440	+4.2	3128
87FEB04	1240	2.33	4.755	+4.2	1999
87FEB04	1250	2.50	6.015	+4.2	2529
87FEB04	1255	2.58	4.550	+4.2	1913
87FEB04	1300	2.67	5.430	+4.2	2283
87FEB04	1305	2.75	4.265	+4.2	1793
87FEB04	1310	2.83	4.900	+4.2	2060
87FEB04	1315	2.92	3.920	+4.2	1648
87FEB04	1332	3.20	5.380	+4.2	2262
87FEB04	1335	3.25	3.750	+4.1	1577
87FEB04	1350	3.50	6.000	+4.2	2523
87FEB04	1355	3.58	2.955	+4.1	1242
87FEB04	1405	3.75	4.720	+4.2	1984
87FEB04	1410	3.83	3.590	+4.1	1509
87FEB04	1420	4.00	6.150	+4.2	2586
87FEB04	1425	4.08	2.315	+4.1	973
87FEB04	1437	4.28	4.760	+4.2	2001
87FEB04	1440	4.33	3.490	+4.1	1467
87FEB04	1443	4.38	4.110	+4.2	1728
87FEB04	1446	4.43	3.330	+4.1	1400
87FEB04	1450	4.50	4.810	+4.2	2022
87FEB04	1455	4.58	3.280	+4.1	1379
87FEB04	1500	4.67	4.190	+4.2	1762
			LAST SWAB		
87FEB04	1505	4.75	2.915	+4.1	1226
			FRICTION BTM RECORDER		
87FEB04	1520	5.00	3.465	+4.1	1457
87FEB04	1535	5.25	4.465	+4.2	1877
87FEB04	1550	5.50	4.900	+4.2	2060
87FEB04	1605	5.75	5.200	+4.2	2186

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-4-2-29-W1M

Element No. 60787

Range (kPa): 20685

IHS: 49040

180 hr Clock #: 14451

Run Depth: 1025.2

Calib. Equation: 420.4 -4.05

Calib. Date: 86DEC10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87FEB04	1620	6.00	5.480	+4.2	2304
87FEB04	1635	6.25	5.710	+4.2	2401
87FEB04	1650	6.50	5.930	+4.2	2493
87FEB04	1705	6.75	6.120	+4.2	2573
87FEB04	1720	7.00	6.290	+4.2	2644
87FEB04	1750	7.50	6.550	+4.2	2754
87FEB04	1820	8.00	6.780	+4.2	2850
87FEB04	1850	8.50	6.985	+4.2	2937
87FEB04	1920	9.00	7.165	+4.2	3012
87FEB04	1950	9.50	7.330	+4.2	3082
87FEB04	2020	10.00	7.480	+4.2	3145
87FEB04	2120	11.00	7.740	+4.3	3254
87FEB04	2220	12.00	7.970	+4.3	3351
87FEB04	2320	13.00	8.180	+4.3	3439
87FEB05	0020	14.00	8.370	+4.3	3519
87FEB05	0120	15.00	8.545	+4.3	3593
87FEB05	0220	16.00	8.710	+4.3	3662
87FEB05	0320	17.00	8.860	+4.3	3725
87FEB05	0420	18.00	9.010	+4.3	3788
87FEB05	0520	19.00	9.150	+4.3	3847
87FEB05	0620	20.00	9.280	+4.3	3902
87FEB05	0720	21.00	9.405	+4.3	3954
87FEB05	0820	22.00	9.520	+4.3	4002
87FEB05	0920	23.00	9.640	+4.3	4053
87FEB05	1020	24.00	9.750	+4.3	4099
87FEB05	1220	26.00	9.970	+4.2	4192
87FEB05	1420	28.00	10.175	+4.0	4278
87FEB05	1620	30.00	10.370	+3.9	4359
87FEB05	1820	32.00	10.560	+3.7	4439
87FEB05	2020	34.00	10.730	+3.6	4510
87FEB05	2220	36.00	10.895	+3.4	4580
87FEB06	0020	38.00	11.060	+3.3	4649
87FEB06	0220	40.00	11.210	+3.2	4712
87FEB06	0420	42.00	11.370	+3.0	4779
87FEB06	0620	44.00	11.505	+2.9	4836
87FEB06	0820	46.00	11.660	+2.8	4901
87FEB06	1020	48.00	11.795	+2.7	4957
87FEB06	1220	50.00	11.925	+2.6	5012
87FEB06	1420	52.00	12.070	+2.5	5073
87FEB06	1620	54.00	12.185	+2.4	5121

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-4-2-29-W1M

Element No. 60787

Range (kPa): 20685

IHH: 49040

180 hr Clock #: 14451

Run Depth: 1025.2

Calib. Equation: 420.4 -4.05

Calib. Date: 86DEC10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87FEB06	1820	56.00	12.300	+2.3	5169
87FEB06	2020	58.00	12.420	+2.2	5219
87FEB06	2220	60.00	12.550	+2.1	5274
87FEB07	0020	62.00	12.660	+2.0	5320
87FEB07	0220	64.00	12.790	+1.9	5375
87FEB07	0420	66.00	12.900	+1.8	5421
87FEB07	0625	68.08	13.010	+1.7	5467
87FEB07	0820	70.00	13.120	+1.6	5513
87FEB07	1020	72.00	13.230	+1.5	5559
87FEB07	1420	76.00	13.435	+1.3	5645
87FEB07	1820	80.00	13.645	+1.2	5733
87FEB07	2220	84.00	13.860	+1.0	5824
87FEB08	0220	88.00	14.060	+0.8	5908
87FEB08	0620	92.00	14.270	+0.6	5996
87FEB08	1020	96.00	14.480	+0.5	6084
87FEB08	1420	100.00	14.700	+0.3	6176
87FEB08	1820	104.00	14.910	+0.1	6264
87FEB08	2220	108.00	15.120	-0.1	6352
87FEB09	0220	112.00	15.340	-0.2	6445
87FEB09	0620	116.00	15.565	-0.4	6539
87FEB09	1020	120.00	15.790	-0.6	6633
87FEB09	1420	124.00	16.015	-0.8	6728
87FEB09	1820	128.00	16.230	-1.0	6818
87FEB09	2220	132.00	16.440	-1.1	6906
87FEB10	0220	136.00	16.660	-1.3	6998
87FEB10	0620	140.00	16.875	-1.5	7089
87FEB10	1020	144.00	17.080	-1.7	7175
87FEB10	1420	148.00	17.275	-1.8	7257
87FEB10	1820	152.00	17.460	-2.0	7334
87FEB10	2220	156.00	17.650	-2.1	7414
87FEB11	0220	160.00	17.816	-2.3	7484
87FEB11	0620	164.00	17.990	-2.4	7557
87FEB11	1020	168.00	18.150	-2.6	7624
87FEB11	1420	172.00	18.290	-2.7	7682
87FEB11	1440	172.33	OFF BOTTOM		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-4-2-29-W1M

Element No. 53532

Range (kPa): 20685

IHM: 67675

180 hr Clock #: 10503

Run Depth: 1027

Calib. Equation: 422.2 - .62

Calib. Date: 86DEC10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87FEB04	1020	0.00	ON BOTTOM		
87FEB04	1020	0.00	7.680	+0.2	3242
87FEB04	1110	0.83	7.890	+0.2	3331
			SWABBING		
87FEB04	1135	1.25	8.160	+0.2	3445
87FEB04	1140	1.33	6.290	+0.3	2655
87FEB04	1200	1.67	7.460	+0.2	3149
87FEB04	1205	1.75	5.795	+0.3	2446
87FEB04	1215	1.92	6.545	+0.3	2763
87FEB04	1220	2.00	5.130	+0.3	2166
87FEB04	1235	2.25	7.110	+0.2	3001
87FEB04	1240	2.33	4.860	+0.4	2052
87FEB04	1250	2.50	5.910	+0.3	2495
87FEB04	1255	2.58	4.510	+0.4	1904
87FEB04	1300	2.67	5.390	+0.3	2275
87FEB04	1305	2.75	4.220	+0.4	1781
87FEB04	1310	2.83	4.885	+0.4	2062
87FEB04	1315	2.92	3.875	+0.4	1636
87FEB04	1332	3.20	5.250	+0.3	2216
87FEB04	1335	3.25	3.715	+0.4	1568
87FEB04	1350	3.50	5.735	+0.3	2421
87FEB04	1355	3.58	3.260	+0.4	1376
87FEB04	1405	3.75	4.710	+0.4	1988
87FEB04	1410	3.83	3.540	+0.4	1494
87FEB04	1420	4.00	5.550	+0.3	2343
87FEB04	1425	4.08	2.870	+0.5	1212
87FEB04	1437	4.28	4.665	+0.4	1969
87FEB04	1440	4.33	3.455	+0.4	1459
87FEB04	1443	4.38	4.130	+0.4	1743
87FEB04	1446	4.43	3.280	+0.4	1385
87FEB04	1450	4.50	4.590	+0.4	1938
87FEB04	1455	4.58	3.330	+0.4	1406
87FEB04	1500	4.67	4.100	+0.4	1731
			LAST SWAB		
87FEB04	1505	4.75	2.820	+0.5	1190
			FRICITION BTM RECORDER		
87FEB04	1520	5.00	3.785	+0.4	1598
87FEB04	1535	5.25	5.020	+0.3	2119
87FEB04	1550	5.50	5.325	+0.3	2248
87FEB04	1605	5.75	5.575	+0.3	2353

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-4-2-29-W1M

Element No. 53532

Range (kPa): 20685

IHM: 67675

180 hr Clock #: 10503

Run Depth: 1027

Calib. Equation: 422.2 - .62

Calib. Date: 86DEC10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87FEB04	1620	6.00	5.775	+0.3	2438
87FEB04	1635	6.25	5.980	+0.3	2524
87FEB04	1650	6.50	6.145	+0.3	2594
87FEB04	1705	6.75	6.290	+0.3	2655
87FEB04	1720	7.00	6.335	+0.3	2674
87FEB04	1750	7.50	6.570	+0.3	2773
87FEB04	1820	8.00	6.780	+0.3	2862
87FEB04	1850	8.50	6.965	+0.2	2940
87FEB04	1920	9.00	7.135	+0.2	3012
87FEB04	1950	9.50	7.280	+0.2	3073
87FEB04	2020	10.00	7.420	+0.2	3132
87FEB04	2120	11.00	7.670	+0.2	3238
87FEB04	2220	12.00	7.920	+0.2	3343
87FEB04	2320	13.00	8.100	+0.2	3419
87FEB05	0020	14.00	8.295	+0.2	3502
87FEB05	0120	15.00	8.465	+0.2	3573
87FEB05	0220	16.00	8.625	+0.2	3641
87FEB05	0320	17.00	8.730	+0.1	3685
87FEB05	0420	18.00	8.910	+0.1	3761
87FEB05	0520	19.00	9.045	+0.1	3818
87FEB05	0620	20.00	9.140	+0.1	3858
87FEB05	0720	21.00	9.290	+0.1	3922
87FEB05	0820	22.00	9.390	+0.1	3964
87FEB05	0920	23.00	9.530	+0.1	4023
87FEB05	1020	24.00	9.625	+0.1	4063
87FEB05	1220	26.00	9.860	+0.1	4162
87FEB05	1420	28.00	10.030	+0.1	4234
87FEB05	1620	30.00	10.225	+0.0	4316
87FEB05	1820	32.00	10.410	+0.0	4395
87FEB05	2020	34.00	10.590	+0.0	4470
87FEB05	2220	36.00	10.760	-0.0	4542
87FEB06	0020	38.00	10.920	-0.0	4610
87FEB06	0220	40.00	11.090	-0.0	4682
87FEB06	0420	42.00	11.230	-0.0	4741
87FEB06	0620	44.00	11.370	-0.1	4800
87FEB06	0820	46.00	11.510	-0.1	4859
87FEB06	1020	48.00	11.655	-0.1	4920
87FEB06	1220	50.00	11.780	-0.1	4973
87FEB06	1420	52.00	11.905	-0.1	5026
87FEB06	1620	54.00	12.035	-0.1	5080

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Element No. 53532

Run Depth: 1027

Range (kPa): 20685

Calib. Equation: 422.2

IHH: 67675

-.62

Location: 6-4-2-29-W1M

180 hr Clock #: 10503

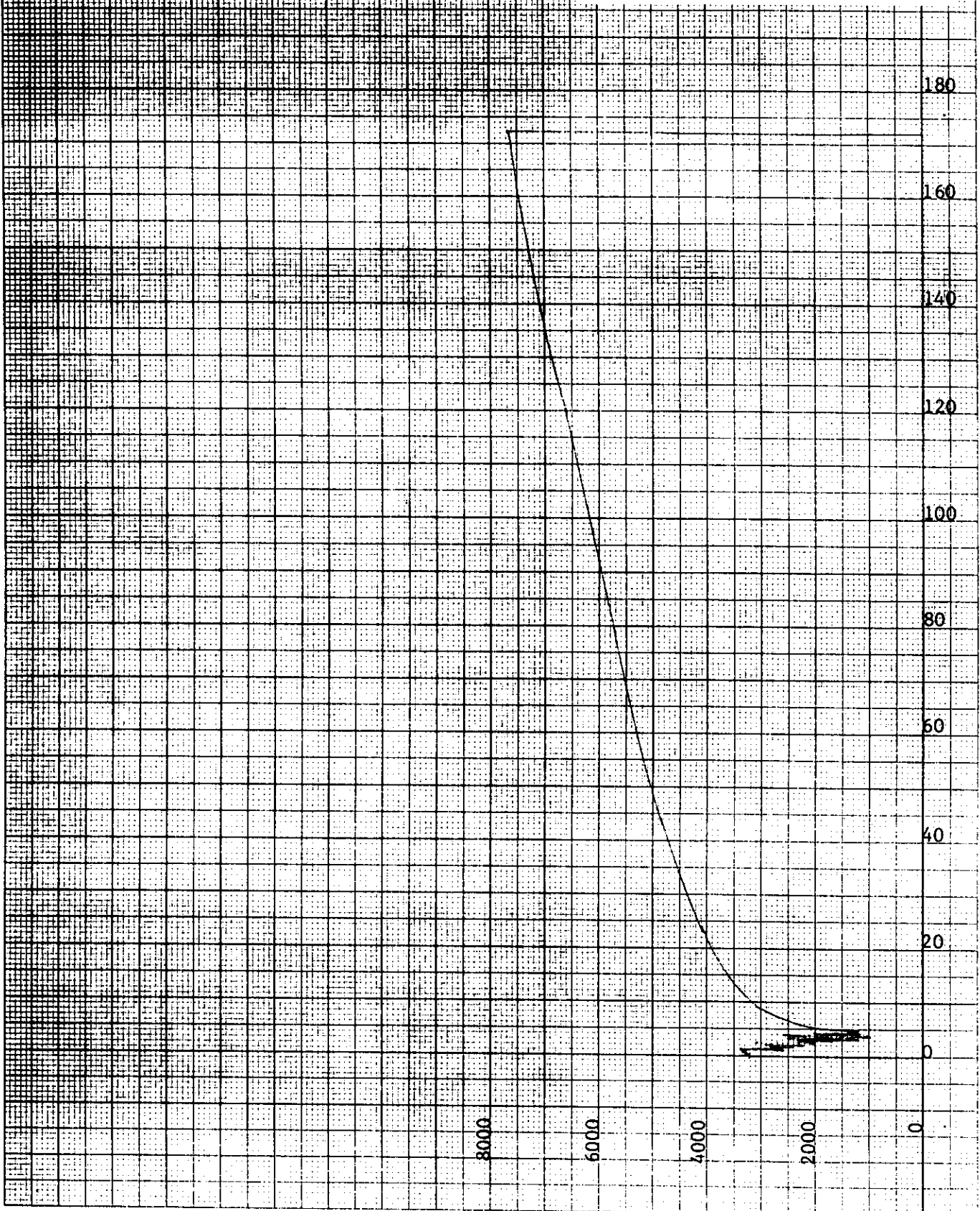
Calib. Date: 86DEC10

Date	Time	Cumulative	Deflection	P-PC	Pressure
87FEB06	1820	56.00	12.150	-0.1	5129
87FEB06	2020	58.00	12.265	-0.1	5178
87FEB06	2220	60.00	12.390	-0.2	5230
87FEB07	0020	62.00	12.510	-0.2	5281
87FEB07	0220	64.00	12.625	-0.2	5329
87FEB07	0420	66.00	12.735	-0.2	5376
87FEB07	0625	68.08	12.840	-0.2	5420
87FEB07	0820	70.00	12.960	-0.2	5471
87FEB07	1020	72.00	13.080	-0.2	5522
87FEB07	1420	76.00	13.310	-0.3	5619
87FEB07	1820	80.00	13.530	-0.3	5711
87FEB07	2220	84.00	13.750	-0.3	5804
87FEB08	0220	88.00	13.955	-0.3	5891
87FEB08	0620	92.00	14.175	-0.3	5984
87FEB08	1020	96.00	14.380	-0.4	6070
87FEB08	1420	100.00	14.600	-0.4	6163
87FEB08	1820	104.00	14.820	-0.4	6256
87FEB08	2220	108.00	15.030	-0.4	6345
87FEB09	0220	112.00	15.260	-0.4	6442
87FEB09	0620	116.00	15.485	-0.5	6537
87FEB09	1020	120.00	15.730	-0.5	6640
87FEB09	1420	124.00	15.940	-0.5	6729
87FEB09	1820	128.00	16.175	-0.5	6828
87FEB09	2220	132.00	16.395	-0.5	6921
87FEB10	0220	136.00	16.620	-0.6	7016
87FEB10	0620	140.00	16.830	-0.6	7104
87FEB10	1020	144.00	17.030	-0.6	7189
87FEB10	1420	148.00	17.230	-0.6	7273
87FEB10	1820	152.00	17.420	-0.6	7353
87FEB10	2220	156.00	17.610	-0.7	7434
87FEB11	0220	160.00	17.780	-0.7	7505
87FEB11	0620	164.00	17.950	-0.7	7577
87FEB11	1020	168.00	18.105	-0.7	7643
87FEB11	1420	172.00	18.235	-0.7	7697
87FEB11	1440	172.33	OFF BOTTOM		

Home Pierson
6-4-2-29-W1M
February 4, 1987

461510

K-E 10 X 10 TO THE CENTIMETER
KEUFFEL & ESSER CO. MADE IN U.S.A.



**MOOSE MOUNTAIN
WELL SERVICES LTD.**

COMPANY: HOME OIL COMPANY LIMITED

ADDRESS: CALGARY ALBERTA

FIELD-POOL: PIERSON/SPEARFISH

TYPE OF TEST: STATIC GRADIENT

PERF/DH INTERVAL: 1028.5-1036 KB

ELEVATIONS: (GL) 471.13 (KB) 475.28

POOL DATUM:

WELL NAME: HOME PIERSON

LOCATION: 6-4-2-29-W1M

WELL STATUS: OIL

DATE OF TEST: 87FEB11

PRODUCING THROUGH: 70MMTUBE@1038.69

MP PROD. INTER: 1028.1 GL

DATUM DEPTH: (CF)

SHUT IN: 1500 2/4/87

DWG PRESS: (KPA) T=240 C=660

RUN DEPTH TEMP: (C) 53

ON/OFF BTM: 1548 - 1553

	TOP RECORDER	BOTTOM RECORDER
ELEMENT SERIAL NO:	60787	53532
RUN DEPTH: (MCF)	1025.2	1027
RUN DEPTH PRESS: (KPA)	7716	7702
GRADIENT-RUN DEPTH: (KPA/M)	10.645	10.474
PRESSURE AT MMP: (KPA)	7747	7714
DATUM DEPTH PRESS: (KPA)		

REMARKS:

Company: HOME OIL COMPANY LIMITED

Location: 6-4-2-29-W1M

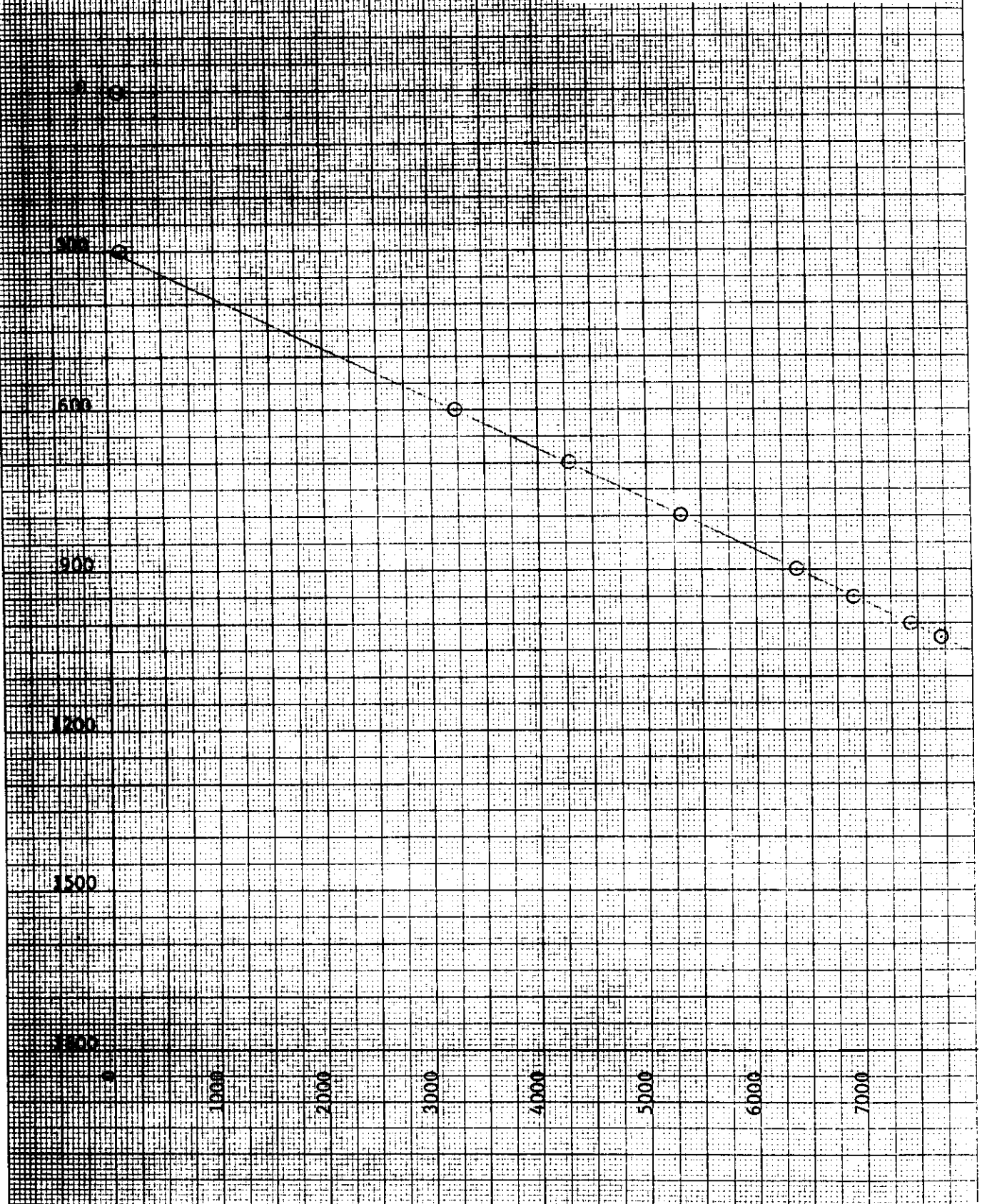
Element #: 60787 Range(kPa): 20685 IHH: 49040 3 hr Clock #: A14054
 Run Date: 87FEB11 Calib. Equation: 420.4 -4.05 Calib. Date: 86DEC10

Depth Below cfm	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
-1.80	1510-1513	0.310	+4	130	0.000
298.20	1517-1520	0.330	+4	139	0.028
598.20	1523-1526	7.715	+4	3244	10.350
698.20	1528-1531	10.205	+4	4290	10.466
798.20	1532-1535	12.700	+2	5337	10.468
898.20	1536-1539	15.200	-0	6386	10.489
948.20	1540-1543	16.440	-1	6906	10.405
998.20	1544-1547	17.685	-2	7429	10.447
1025.20	1548-1553	18.370	-3	7716	10.645

Element #: 53532 Range(kPa): 20685 IHH: 67675 3 hr Clock #: A15009
 Run Date: 87FEB11 Calib. Equation: 422.2 -.62 Calib. Date: 86DEC10

Depth Below cfm	Time	Deflection mm	P-PC kPa	Pressure kPa	Gradient kPa/m
0.00	1510-1513	0.300	+1	127	0.000
300.00	1517-1520	0.345	+1	146	0.063
600.00	1523-1526	7.670	+0	3238	10.307
700.00	1528-1531	10.155	+0	4287	10.490
800.00	1532-1535	12.625	-0	5329	10.426
900.00	1536-1539	15.095	-0	6372	10.426
950.00	1540-1543	16.330	-1	6893	10.426
1000.00	1544-1547	17.575	-1	7419	10.510
1027.00	1548-1553	18.245	-1	7702	10.474

Home Pierson
6-4-2-29-W1M
February 11, 1987



461510

K-E 10 X 10 TO THE CENTIMETER 18 X 25 CM.
KEUFFEL & ESSER CO. MADE IN U.S.A.

MOOSE MOUNTAIN
WELL SERVICES LTD.

COMPANY:HOME OIL COMPANY LIMITED

ADDRESS: CALGARY ALBERTA

FIELD-POOL: PIERSON/SPEARFISH

TYPE OF TEST: SWAB-BUILDUP

PERF/OH INTERVAL: 1021-1031 KB

ELEVATIONS: (GD)479.25 (KB) 483.40

POOL DATUM:

WELL NAME: HOME et al S. PIERSON

LOCATION: 6-19-2-29-W1M

WELL STATUS: OIL

DATE OF TEST: 87JUN06

PRODUCING THROUGH: 73MM TUBING

MF PROD. INTER: 1021.85 GD.

DATUM DEPTH: (CF)

SHUT IN:

DWG PRESS: (KPA)

RUN DEPTH TEMP: (C) 41

ON/OFF BTM: 0915 6/6 - 1255 6/22

	TOP RECORDER	BOTTOM RECORDER
ELEMENT SERIAL NO:	56417	49698
RUN DEPTH: (MCF)	1028.2	1030
RUN DEPTH PRESS: (KPA)	10581	10590
GRADIENT-RUN DEPTH: (KPA/M)		
PRESSURE AT MMP: (KPA)		
DATUM DEPTH PRESS: (KPA)		

REMARKS: ACCORDING TO TIMES GIVEN CLOCKS RAN SLOW - USED TOP RECORDER

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 56417

Range (kPa): 17237

IHH: D15584

360 hr Clock #: 2942

Run Depth: 1028.2

Calib. Equation: 349.41 -12.14

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN06	0915	0.00	21.020	-10.0	7322
			ON BOTTOM		
87JUN06	1000	0.75	22.500	-11.0	7839
			START TO SWAB		
87JUN06	1005	0.83	21.610	-10.4	7528
87JUN06	1015	1.00	8.190	+0.7	2850
87JUN06	1020	1.08	9.250	-0.7	3219
87JUN06	1025	1.17	1.165	+10.5	405
87JUN06	1030	1.25	2.105	+9.2	733
87JUN06	1035	1.33	0.665	+11.2	231
87JUN06	1045	1.50	1.420	+10.2	494
87JUN06	1055	1.67	0.610	+11.3	212
87JUN06	1140	2.42	3.480	+7.3	1211
87JUN06	1145	2.50	0.910	+10.9	317
87JUN06	1245	3.50	3.590	+7.1	1249
87JUN06	1300	3.75	1.080	+10.6	376
87JUN06	1325	4.17	3.240	+7.6	1128
87JUN06	1335	4.33	0.910	+10.9	317
87JUN06	1425	5.17	3.280	+7.6	1142
87JUN06	1432	5.28	0.865	+10.9	301
87JUN06	1540	6.42	3.265	+7.6	1136
87JUN06	1550	6.58	0.940	+10.8	327
87JUN06	1640	7.42	3.300	+7.5	1148
			LAST SWAB		
87JUN06	1650	7.58	0.900	+10.9	313
87JUN06	1700	7.75	1.215	+10.4	423
87JUN06	1715	8.00	1.900	+9.5	661
87JUN06	1730	8.25	2.435	+8.8	847
			FRICITION IN BTM RECORDER		
87JUN06	1745	8.50	2.890	+8.1	1006
87JUN06	1800	8.75	3.250	+7.6	1131
87JUN06	1815	9.00	3.780	+6.9	1316
87JUN06	1845	9.50	7.290	+2.0	2537
87JUN06	1915	10.00	14.830	-5.4	5164
87JUN06	1945	10.50	18.230	-7.9	6350
87JUN06	2015	11.00	22.980	-11.3	8006
87JUN06	2045	11.50	24.630	-12.4	8581
87JUN06	2115	12.00	25.270	-12.9	8805
87JUN06	2215	13.00	25.910	-13.3	9028
87JUN06	2315	14.00	26.305	-13.6	9165
			END OF FRICTION		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 56417

Range (kPa): 17237

IHM: D15584

360 hr Clock #: 2942

Run Depth: 1028.2

Calib. Equation: 349.41 -12.14

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN07	0015	15.00	26.585	-13.8	9263
87JUN07	0115	16.00	26.805	-13.9	9340
87JUN07	0215	17.00	26.980	-14.1	9401
87JUN07	0315	18.00	27.130	-14.2	9453
87JUN07	0415	19.00	27.255	-14.2	9497
87JUN07	0515	20.00	27.410	-14.4	9551
87JUN07	0615	21.00	27.465	-14.4	9570
87JUN07	0715	22.00	27.555	-14.5	9601
87JUN07	0815	23.00	27.640	-14.5	9631
87JUN07	0915	24.00	27.720	-14.6	9659
87JUN07	1115	26.00	27.850	-14.7	9704
87JUN07	1315	28.00	27.975	-14.7	9748
87JUN07	1515	30.00	28.075	-14.8	9783
87JUN07	1715	32.00	28.170	-14.9	9816
87JUN07	1915	34.00	28.260	-14.9	9847
87JUN07	2115	36.00	28.335	-15.0	9873
87JUN07	2315	38.00	28.400	-15.0	9896
87JUN08	0115	40.00	28.475	-15.1	9922
87JUN08	0315	42.00	28.530	-15.1	9941
87JUN08	0515	44.00	28.590	-15.2	9962
87JUN08	0715	46.00	28.650	-15.2	9983
87JUN08	0915	48.00	28.695	-15.2	9999
87JUN08	1115	50.00	28.750	-15.3	10018
87JUN08	1315	52.00	28.790	-15.3	10032
87JUN08	1515	54.00	28.835	-15.3	10048
87JUN08	1715	56.00	28.875	-15.4	10062
87JUN08	1915	58.00	28.915	-15.4	10076
87JUN08	2115	60.00	28.950	-15.4	10088
87JUN08	2315	62.00	28.990	-15.4	10102
87JUN09	0115	64.00	29.020	-15.5	10112
87JUN09	0315	66.00	29.050	-15.5	10123
87JUN09	0515	68.00	29.085	-15.5	10135
87JUN09	0715	70.00	29.115	-15.5	10145
87JUN09	0915	72.00	29.140	-15.5	10154
87JUN09	1315	76.00	29.195	-15.6	10173
87JUN09	1715	80.00	29.240	-15.6	10189
87JUN09	2115	84.00	29.290	-15.6	10206
87JUN10	0115	88.00	29.335	-15.7	10222
87JUN10	0515	92.00	29.370	-15.7	10234
87JUN10	0915	96.00	29.410	-15.7	10248

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 56417

Range (kPa): 17237

IH#: D15584

360 hr Clock #: 2942

Run Depth: 1028.2

Calib. Equation: 349.41 -12.14

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN10	1315	100.00	29.450	-15.8	10262
87JUN10	1715	104.00	29.485	-15.8	10274
87JUN10	2115	108.00	29.520	-15.8	10287
87JUN11	0115	112.00	29.540	-15.8	10294
87JUN11	0515	116.00	29.575	-15.8	10306
87JUN11	0915	120.00	29.600	-15.9	10315
87JUN11	1315	124.00	29.630	-15.9	10325
87JUN11	1715	128.00	29.655	-15.9	10334
87JUN11	2115	132.00	29.680	-15.9	10342
87JUN12	0115	136.00	29.700	-15.9	10349
87JUN12	0515	140.00	29.725	-15.8	10358
87JUN12	0915	144.00	29.745	-15.8	10365
87JUN12	1315	148.00	29.770	-15.7	10374
87JUN12	1715	152.00	29.790	-15.7	10381
87JUN12	2115	156.00	29.805	-15.6	10386
87JUN13	0115	160.00	29.830	-15.6	10395
87JUN13	0515	164.00	29.840	-15.6	10399
87JUN13	0915	168.00	29.860	-15.5	10406
87JUN13	1315	172.00	29.880	-15.5	10413
87JUN13	1715	176.00	29.895	-15.5	10418
87JUN13	2115	180.00	29.910	-15.4	10423
87JUN14	0115	184.00	29.925	-15.4	10429
87JUN14	0515	188.00	29.940	-15.4	10434
87JUN14	0915	192.00	29.960	-15.3	10441
87JUN14	1715	200.00	29.985	-15.3	10450
87JUN15	0115	208.00	30.010	-15.2	10458
87JUN15	0915	216.00	30.030	-15.2	10465
87JUN15	1715	224.00	30.060	-15.1	10476
87JUN16	0115	232.00	30.080	-15.1	10483
87JUN16	0915	240.00	30.100	-15.0	10490
87JUN16	1715	248.00	30.120	-15.0	10497
87JUN17	0115	256.00	30.140	-14.9	10504
87JUN17	0915	264.00	30.160	-14.9	10511
87JUN17	1715	272.00	30.175	-14.9	10516
87JUN18	0115	280.00	30.195	-14.8	10523
87JUN18	0915	288.00	30.210	-14.8	10529
87JUN18	1715	296.00	30.225	-14.8	10534
87JUN19	0115	304.00	30.240	-14.7	10539
87JUN19	0915	312.00	30.255	-14.7	10545
87JUN19	1715	320.00	30.265	-14.7	10548

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 56417

Range (kPa): 17237

IHH: D15584

360 hr Clock #: 2942

Run Depth: 1028.2

Calib. Equation: 349.41 -12.14

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN20	0115	328.00	30.280	-14.6	10553
87JUN20	0915	336.00	30.290	-14.6	10557
87JUN20	1715	344.00	30.305	-14.6	10562
87JUN21	0115	352.00	30.310	-14.6	10564
87JUN21	0915	360.00	30.325	-14.5	10569
87JUN21	1715	368.00	30.340	-14.5	10574
87JUN22	0115	376.00	30.350	-14.5	10578
87JUN22	0915	384.00	30.360	-14.5	10581
			END OF BOTTOM CHART		
87JUN22	0930	384.25	30.330	-14.5	10571
			END OF TOP CHART		
87JUN22	1255	387.67	OFF BOTTOM		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 49698

Range (kPa): 17237

IHH: 36582

360 hr Clock #: 2945

Run Depth: 1030

Calib. Equation: 339.55 -22.62

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN06	0915	0.00	21.730	-17.2	7339
			ON BOTTOM		
87JUN06	1000	0.75	23.240	-17.6	7851
			START TO SWAB		
87JUN06	1005	0.83	22.250	-17.3	7515
87JUN06	1015	1.00	8.520	-0.8	2870
87JUN06	1020	1.08	9.540	-3.6	3213
87JUN06	1025	1.17	1.200	+19.3	404
87JUN06	1030	1.25	2.190	+16.6	738
87JUN06	1035	1.33	0.710	+20.7	239
87JUN06	1045	1.50	1.470	+18.6	495
87JUN06	1055	1.67	0.650	+20.8	219
87JUN06	1140	2.42	3.610	+12.7	1216
87JUN06	1145	2.50	1.000	+19.9	337
87JUN06	1245	3.50	3.625	+12.6	1221
87JUN06	1300	3.75	1.120	+19.5	377
87JUN06	1325	4.17	3.400	+13.3	1145
87JUN06	1335	4.33	0.950	+20.0	320
87JUN06	1425	5.17	3.330	+13.5	1122
87JUN06	1432	5.28	0.915	+20.1	308
87JUN06	1540	6.42	3.350	+13.4	1128
87JUN06	1550	6.58	0.980	+19.9	330
87JUN06	1640	7.42	3.370	+13.3	1135
			LAST SWAB		
87JUN06	1650	7.58	0.940	+20.0	317
87JUN06	1700	7.75	1.140	+19.5	384
87JUN06	1715	8.00	1.970	+17.2	663
87JUN06	1730	8.25	2.400	+16.0	808
			FRICION IN BTM RECORDER		
87JUN06	1745	8.50	2.905	+14.6	978
87JUN06	1800	8.75	3.305	+13.5	1113
87JUN06	1815	9.00	3.980	+11.7	1340
87JUN06	1845	9.50	6.520	+4.7	2196
87JUN06	1915	10.00	19.260	-15.5	6502
87JUN06	1945	10.50	25.760	-18.4	8706
87JUN06	2015	11.00	25.770	-18.4	8709
87JUN06	2045	11.50	25.780	-18.4	8713
87JUN06	2115	12.00	25.790	-18.4	8716
87JUN06	2215	13.00	26.680	-18.6	9018
87JUN06	2315	14.00	27.125	-18.8	9169
			END OF FRICTION		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 49698

Range (kPa): 17237

IHH: 36582

360 hr Clock #: 2945

Run Depth: 1030

Calib. Equation: 339.55 -22.62

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN07	0015	15.00	27.510	-18.9	9300
87JUN07	0115	16.00	27.600	-18.9	9330
87JUN07	0215	17.00	27.800	-19.0	9398
87JUN07	0315	18.00	27.960	-19.0	9452
87JUN07	0415	19.00	28.090	-19.1	9496
87JUN07	0515	20.00	28.220	-19.1	9540
87JUN07	0615	21.00	28.320	-19.1	9574
87JUN07	0715	22.00	28.420	-19.2	9608
87JUN07	0815	23.00	28.510	-19.2	9639
87JUN07	0915	24.00	28.585	-19.2	9664
87JUN07	1115	26.00	28.730	-19.2	9713
87JUN07	1315	28.00	28.855	-19.3	9756
87JUN07	1515	30.00	28.970	-19.3	9795
87JUN07	1715	32.00	29.070	-19.3	9829
87JUN07	1915	34.00	29.155	-19.4	9858
87JUN07	2115	36.00	29.240	-19.4	9886
87JUN07	2315	38.00	29.310	-19.4	9910
87JUN08	0115	40.00	29.385	-19.4	9936
87JUN08	0315	42.00	29.445	-19.5	9956
87JUN08	0515	44.00	29.510	-19.5	9978
87JUN08	0715	46.00	29.565	-19.5	9997
87JUN08	0915	48.00	29.620	-19.5	10015
87JUN08	1115	50.00	29.665	-19.5	10031
87JUN08	1315	52.00	29.705	-19.5	10044
87JUN08	1515	54.00	29.755	-19.6	10061
87JUN08	1715	56.00	29.800	-19.6	10076
87JUN08	1915	58.00	29.835	-19.6	10088
87JUN08	2115	60.00	29.870	-19.6	10100
87JUN08	2315	62.00	29.915	-19.6	10115
87JUN09	0115	64.00	29.940	-19.6	10124
87JUN09	0315	66.00	29.980	-19.6	10137
87JUN09	0515	68.00	30.010	-19.6	10148
87JUN09	0715	70.00	30.040	-19.6	10158
87JUN09	0915	72.00	30.070	-19.6	10168
87JUN09	1315	76.00	30.125	-19.7	10187
87JUN09	1715	80.00	30.180	-19.7	10205
87JUN09	2115	84.00	30.230	-19.7	10222
87JUN10	0115	88.00	30.270	-19.7	10236
87JUN10	0515	92.00	30.310	-19.7	10249
87JUN10	0915	96.00	30.355	-19.7	10265

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 49698

Range (kPa): 17237

IHH: 36582

360 hr Clock #: 2945

Run Depth: 1030

Calib. Equation: 339.55 -22.62

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN10	1315	100.00	30.395	-19.7	10278
87JUN10	1715	104.00	30.425	-19.8	10288
87JUN10	2115	108.00	30.460	-19.8	10300
87JUN11	0115	112.00	30.490	-19.8	10310
87JUN11	0515	116.00	30.520	-19.8	10321
87JUN11	0915	120.00	30.545	-19.8	10329
87JUN11	1315	124.00	30.575	-19.8	10339
87JUN11	1715	128.00	30.605	-19.8	10350
87JUN11	2115	132.00	30.625	-19.7	10356
87JUN12	0115	136.00	30.650	-19.7	10365
87JUN12	0515	140.00	30.670	-19.6	10372
87JUN12	0915	144.00	30.690	-19.6	10379
87JUN12	1315	148.00	30.715	-19.6	10387
87JUN12	1715	152.00	30.735	-19.5	10394
87JUN12	2115	156.00	30.755	-19.5	10401
87JUN13	0115	160.00	30.770	-19.5	10406
87JUN13	0515	164.00	30.790	-19.4	10413
87JUN13	0915	168.00	30.810	-19.4	10420
87JUN13	1315	172.00	30.830	-19.4	10426
87JUN13	1715	176.00	30.845	-19.3	10431
87JUN13	2115	180.00	30.860	-19.3	10437
87JUN14	0115	184.00	30.880	-19.3	10443
87JUN14	0515	188.00	30.890	-19.2	10447
87JUN14	0915	192.00	30.905	-19.2	10452
87JUN14	1715	200.00	30.930	-19.2	10460
87JUN15	0115	208.00	30.960	-19.1	10471
87JUN15	0915	216.00	30.985	-19.1	10479
87JUN15	1715	224.00	31.010	-19.0	10488
87JUN16	0115	232.00	31.030	-19.0	10495
87JUN16	0915	240.00	31.050	-19.0	10501
87JUN16	1715	248.00	31.070	-18.9	10508
87JUN17	0115	256.00	31.090	-18.9	10515
87JUN17	0915	264.00	31.110	-18.8	10522
87JUN17	1715	272.00	31.125	-18.8	10527
87JUN18	0115	280.00	31.145	-18.8	10534
87JUN18	0915	288.00	31.155	-18.8	10537
87JUN18	1715	296.00	31.170	-18.7	10542
87JUN19	0115	304.00	31.190	-18.7	10549
87JUN19	0915	312.00	31.200	-18.7	10553
87JUN19	1715	320.00	31.210	-18.7	10556

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 49698

Range (kPa): 17237

IHH: 36582

360 hr Clock #: 2945

Run Depth: 1030

Calib. Equation: 339.55 -22.62

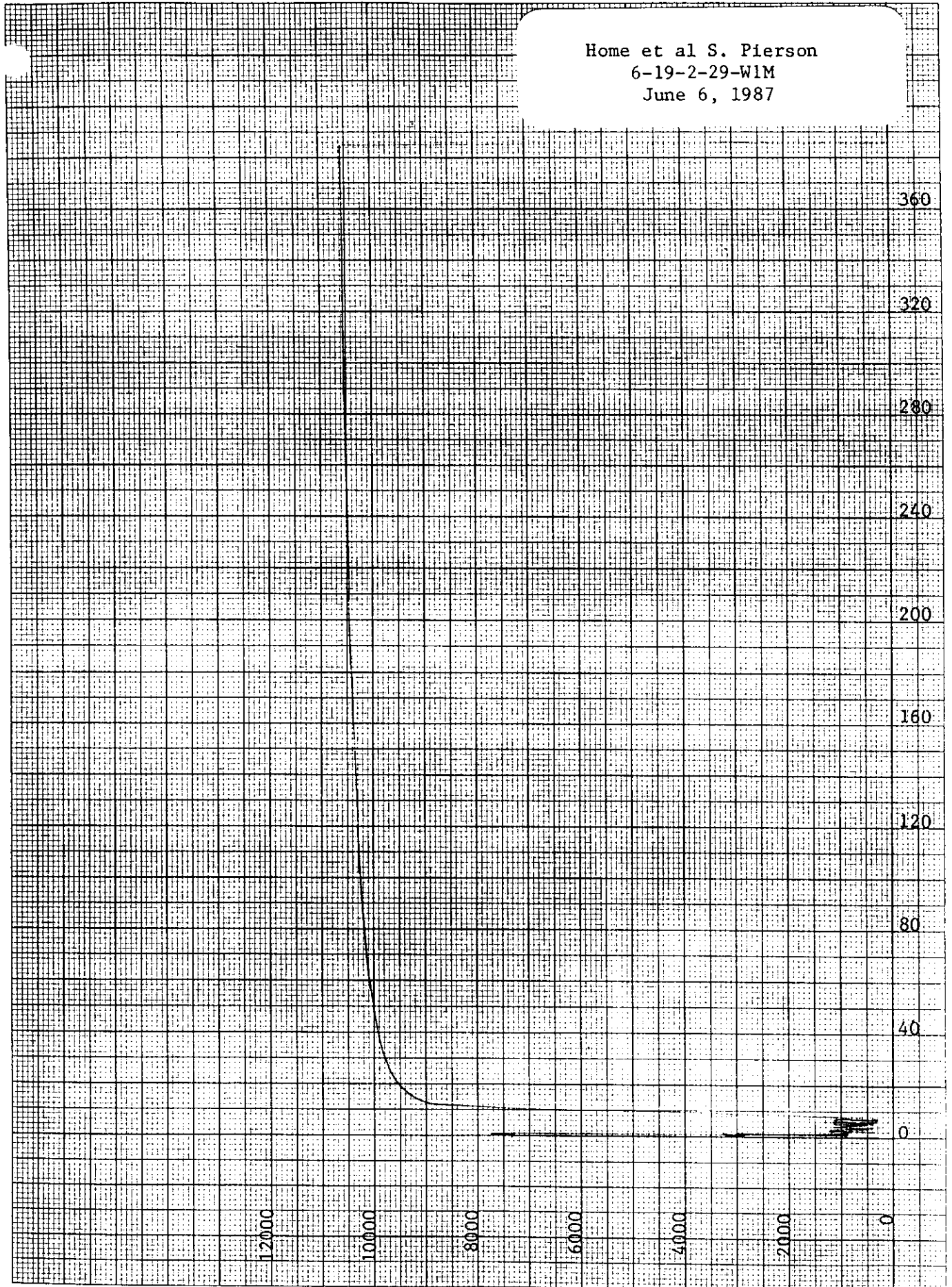
Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN20	0115	328.00	31.220	-18.6	10559
87JUN20	0915	336.00	31.235	-18.6	10565
87JUN20	1715	344.00	31.245	-18.6	10568
87JUN21	0115	352.00	31.260	-18.6	10573
87JUN21	0915	360.00	31.270	-18.6	10577
87JUN21	1715	368.00	31.280	-18.5	10580
87JUN22	0115	376.00	31.290	-18.5	10583
87JUN22	0915	384.00	31.310	-18.5	10590
			END OF BOTTOM CHART		
87JUN22	0930	384.25	END OF TOP CHART		
87JUN22	1255	387.67	OFF BOTTOM		

Home et al S. Pierson
6-19-2-29-W1M
June 6, 1987

461510

K&E 10 X 10 TO THE CENTIMETER 18 X 25 CM
KEUFFEL & ESSER CO. MADE IN U.S.A.



MOOSE MOUNTAIN
WELL SERVICES LTD.

COMPANY:HOME OIL COMPANY LIMITED

ADDRESS: CALGARY ALBERTA

FIELD-POOL: PIERSON/SPEARFISH

TYPE OF TEST: BUILD UP

PERF/OH INTERVAL: 1003 - 1015KB

ELEVATIONS: (GD)473.19 (KB) 477.34

POOL DATUM:

WELL NAME: HOME SCURRY S. PIERSON

LOCATION: 10-21-2-29-W1M

WELL STATUS: OIL

DATE OF TEST: 87MAR21

PRODUCING THROUGH: 73MMTUBE@1007.29KB

MP PROD. INTER: 1004.85GD.

DATUM DEPTH: (CF)

SHUT IN:

DWG PRESS: (KPA)

RUN DEPTH TEMP: (C) 41

ON/OFF BTM: 1435 3/21 - 1055 3/28

TOP RECORDER

BOTTOM RECORDER

ELEMENT SERIAL NO:

50701

50700

RUN DEPTH: (MCF)

994.2

996

RUN DEPTH PRESS: (KPA)

7577

7617

GRADIENT-RUN DEPTH: (KPA/M)

PRESSURE AT MMP: (KPA)

DATUM DEPTH PRESS: (KPA)

REMARKS: 27/8 COLLARSTOP @ 996 - OTIS X PLUG @ 976

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 10-21-2-29-W1M

Element No. 50701

Range (kPa): 20685

IHM: 57284

180 hr Clock #: H10504

Run Depth: 994.2

Calib. Equation: 410.94

3.21

Calib. Date: 87FEB13

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR21	1435	0.00	ON BOTTOM		
87MAR21	1435	0.00	NOT LEGIBLE		
87MAR21	1600	1.42	2.970	-0.8	1223
			PLUG SET		
87MAR21	1605	1.50	3.680	-0.2	1515
87MAR21	1620	1.75	3.740	-0.1	1540
87MAR21	1635	2.00	3.815	-0.1	1571
87MAR21	1705	2.50	3.955	+0.0	1629
87MAR21	1735	3.00	4.090	+0.1	1684
			FRICITION IN BOTTOM RECORDER		
87MAR21	1805	3.50	4.225	+0.3	1740
87MAR21	1835	4.00	4.350	+0.4	1791
87MAR21	1935	5.00	4.590	+0.6	1890
87MAR21	2035	6.00	4.840	+0.8	1993
87MAR21	2135	7.00	5.080	+1.0	2092
87MAR21	2235	8.00	5.300	+1.1	2182
87MAR21	2335	9.00	5.500	+1.3	2265
87MAR22	0035	10.00	5.695	+1.5	2345
87MAR22	0135	11.00	5.890	+1.6	2425
87MAR22	0235	12.00	6.075	+1.8	2501
87MAR22	0435	14.00	6.425	+2.1	2646
87MAR22	0635	16.00	6.760	+2.3	2783
87MAR22	0835	18.00	7.100	+2.6	2923
87MAR22	1035	20.00	7.430	+2.9	3059
87MAR22	1235	22.00	7.750	+3.1	3191
87MAR22	1435	24.00	8.080	+3.4	3327
87MAR22	1635	26.00	8.410	+3.7	3463
87MAR22	1835	28.00	8.760	+4.0	3607
87MAR22	2035	30.00	9.120	+4.3	3755
87MAR22	2235	32.00	9.495	+4.6	3910
87MAR23	0035	34.00	9.870	+4.9	4064
87MAR23	0235	36.00	10.240	+5.0	4216
87MAR23	0435	38.00	10.620	+4.8	4372
87MAR23	0635	40.00	10.970	+4.7	4516
87MAR23	0835	42.00	11.300	+4.6	4651
87MAR23	1035	44.00	11.610	+4.5	4779
87MAR23	1235	46.00	11.940	+4.3	4914
87MAR23	1435	48.00	12.190	+4.2	5017
87MAR23	1635	50.00	12.400	+4.2	5103
87MAR23	1835	52.00	12.705	+4.1	5228

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 10-21-2-29-W1M

Element No. 50701

Range (kPa): 20685

IHH: 57284

180 hr Clock #: H10504

Run Depth: 994.2

Calib. Equation: 410.94

3.21

Calib. Date: 87FEB13

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR23	2035	54.00	12.930	+4.0	5321
87MAR23	2235	56.00	13.160	+3.9	5415
87MAR24	0035	58.00	13.360	+3.8	5497
87MAR24	0235	60.00	13.560	+3.8	5579
87MAR24	0435	62.00	13.745	+3.7	5655
87MAR24	0635	64.00	13.925	+3.6	5729
87MAR24	0835	66.00	14.100	+3.6	5801
87MAR24	1035	68.00	14.260	+3.5	5867
87MAR24	1235	70.00	14.420	+3.4	5932
87MAR24	1435	72.00	14.575	+3.4	5996
87MAR24	1635	74.00	14.720	+3.3	6056
87MAR24	1835	76.00	14.860	+3.3	6113
87MAR24	2035	78.00	14.990	+3.2	6166
87MAR24	2235	80.00	15.130	+3.2	6224
87MAR25	0035	82.00	15.250	+3.1	6273
87MAR25	0235	84.00	15.370	+3.1	6322
87MAR25	0435	86.00	15.490	+3.0	6372
87MAR25	0635	88.00	15.605	+3.0	6419
87MAR25	0835	90.00	15.720	+3.0	6466
87MAR25	1035	92.00	15.825	+2.9	6509
87MAR25	1235	94.00	15.935	+2.9	6554
87MAR25	1435	96.00	16.040	+2.8	6598
87MAR25	1635	98.00	16.135	+2.8	6637
87MAR25	1835	100.00	16.230	+2.8	6676
87MAR25	2035	102.00	16.330	+2.7	6717
87MAR25	2235	104.00	16.420	+2.7	6754
87MAR26	0035	106.00	16.515	+2.7	6793
87MAR26	0235	108.00	16.600	+2.6	6827
87MAR26	0435	110.00	16.680	+2.6	6860
87MAR26	0635	112.00	16.770	+2.6	6897
87MAR26	0835	114.00	16.850	+2.6	6930
87MAR26	1035	116.00	16.930	+2.5	6963
87MAR26	1235	118.00	17.010	+2.5	6996
87MAR26	1435	120.00	17.090	+2.5	7029
87MAR26	1835	124.00	17.235	+2.4	7088
87MAR26	2235	128.00	17.380	+2.4	7148
87MAR27	0235	132.00	17.510	+2.3	7201
87MAR27	0635	136.00	17.660	+2.3	7263
87MAR27	1035	140.00	17.775	+2.2	7310
87MAR27	1435	144.00	17.905	+2.2	7363

CH RT READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 10-21-2-29-W1M

Element No. 50701

Range (kPa): 20685

IHH: 57284

180 hr Clock #: H10504

Run Depth: 994.2

Calib. Equation: 410.94

3.21

Calib. Date: 87FEB13

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR27	1835	148.00	18.020	+2.1	7410
87MAR27	2235	152.00	18.150	+2.1	7464
87MAR28	0235	156.00	18.260	+2.0	7509
87MAR28	0635	160.00	18.370	+2.0	7554
87MAR28	1000	163.42	18.425	+2.0	7577
			PULLED PLUG		
87MAR28	1032	163.95	21.110	+1.0	8679
87MAR28	1055	164.33	NOT LEGIBLE	- OFF	BOTTOM
87MAR28	1055	164.33	NOT LEGIBLE	- OFF	BOTTOM

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 10-21-2-29-W1M

Element No. 50700

Range (kPa): 20685

IHH: 55495

180 hr Clock #: H14451

Run Depth: 996

Calib. Equation: 411.91

1.24

Calib. Date: 87FEB13

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR21	1435	0.00	ON BOTTOM		
87MAR21	1435	0.00	NOT LEGIBLE		
87MAR21	1600	1.42	3.020	-0.9	1244
			PLUG SET		
87MAR21	1605	1.50	3.665	-0.9	1510
87MAR21	1620	1.75	3.730	-0.9	1537
87MAR21	1635	2.00	3.810	-0.9	1570
87MAR21	1705	2.50	3.935	-0.9	1621
87MAR21	1735	3.00	4.090	-0.8	1685
			FRICITION IN BOTTOM RECORDER		
87MAR21	1805	3.50	4.195	-0.8	1728
87MAR21	1835	4.00	4.350	-0.8	1792
87MAR21	1935	5.00	4.560	-0.8	1879
87MAR21	2035	6.00	4.840	-0.8	1994
87MAR21	2135	7.00	5.090	-0.7	2097
87MAR21	2235	8.00	5.250	-0.7	2163
87MAR21	2335	9.00	5.500	-0.7	2266
87MAR22	0035	10.00	5.700	-0.7	2348
87MAR22	0135	11.00	5.885	-0.7	2425
87MAR22	0235	12.00	6.050	-0.6	2493
87MAR22	0435	14.00	6.415	-0.6	2643
87MAR22	0635	16.00	6.795	-0.6	2800
87MAR22	0835	18.00	7.100	-0.5	2925
87MAR22	1035	20.00	7.445	-0.5	3067
87MAR22	1235	22.00	7.750	-0.5	3193
87MAR22	1435	24.00	8.095	-0.4	3335
87MAR22	1635	26.00	8.420	-0.4	3469
87MAR22	1835	28.00	8.820	-0.4	3634
87MAR22	2035	30.00	9.155	-0.3	3772
87MAR22	2235	32.00	9.530	-0.3	3926
87MAR23	0035	34.00	9.860	-0.3	4062
87MAR23	0235	36.00	10.200	-0.2	4203
87MAR23	0435	38.00	10.650	-0.1	4388
87MAR23	0635	40.00	10.990	-0.1	4528
87MAR23	0835	42.00	11.365	-0.0	4683
87MAR23	1035	44.00	11.670	+0.0	4808
87MAR23	1235	46.00	11.970	+0.1	4932
87MAR23	1435	48.00	12.250	+0.2	5047
87MAR23	1635	50.00	12.520	+0.2	5159
87MAR23	1835	52.00	12.730	+0.2	5245

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 10-21-2-29-W1M

Element No. 50700

Range (kPa): 20685

IHH: 55495

180 hr Clock #: H14451

Run Depth: 996

Calib. Equation: 411.91 1.24

Calib. Date: 87FEB13

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR23	2035	54.00	13.005	+0.3	5358
87MAR23	2235	56.00	13.230	+0.3	5451
87MAR24	0035	58.00	13.400	+0.4	5521
87MAR24	0235	60.00	13.630	+0.4	5616
87MAR24	0435	62.00	13.820	+0.4	5694
87MAR24	0635	64.00	14.000	+0.5	5768
87MAR24	0835	66.00	14.170	+0.5	5839
87MAR24	1035	68.00	14.310	+0.5	5896
87MAR24	1235	70.00	14.490	+0.6	5970
87MAR24	1435	72.00	14.640	+0.6	6032
87MAR24	1635	74.00	14.780	+0.6	6090
87MAR24	1835	76.00	14.935	+0.6	6154
87MAR24	2035	78.00	15.050	+0.7	6201
87MAR24	2235	80.00	15.185	+0.7	6257
87MAR25	0035	82.00	15.300	+0.7	6304
87MAR25	0235	84.00	15.420	+0.7	6354
87MAR25	0435	86.00	15.550	+0.7	6407
87MAR25	0635	88.00	15.660	+0.8	6453
87MAR25	0835	90.00	15.760	+0.8	6494
87MAR25	1035	92.00	15.880	+0.8	6543
87MAR25	1235	94.00	15.970	+0.8	6580
87MAR25	1435	96.00	16.090	+0.8	6630
87MAR25	1635	98.00	16.190	+0.9	6671
87MAR25	1835	100.00	16.280	+0.9	6708
87MAR25	2035	102.00	16.390	+0.9	6753
87MAR25	2235	104.00	16.480	+0.9	6790
87MAR26	0035	106.00	16.560	+0.9	6823
87MAR26	0235	108.00	16.660	+0.9	6865
87MAR26	0435	110.00	16.755	+1.0	6904
87MAR26	0635	112.00	16.840	+1.0	6939
87MAR26	0835	114.00	16.930	+1.0	6976
87MAR26	1035	116.00	17.000	+1.0	7005
87MAR26	1235	118.00	17.070	+1.0	7034
87MAR26	1435	120.00	17.150	+1.0	7067
87MAR26	1835	124.00	17.300	+1.1	7128
87MAR26	2235	128.00	17.440	+1.1	7186
87MAR27	0235	132.00	17.580	+1.1	7244
87MAR27	0635	136.00	17.720	+1.1	7301
87MAR27	1035	140.00	17.840	+1.2	7351
87MAR27	1435	144.00	17.970	+1.2	7404

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 10-21-2-29-W1M

Element No. 50700

Range (kPa): 20685

IHH: 55495

180 hr Clock #: H14451

Run Depth: 996

Calib. Equation: 411.91

1.24

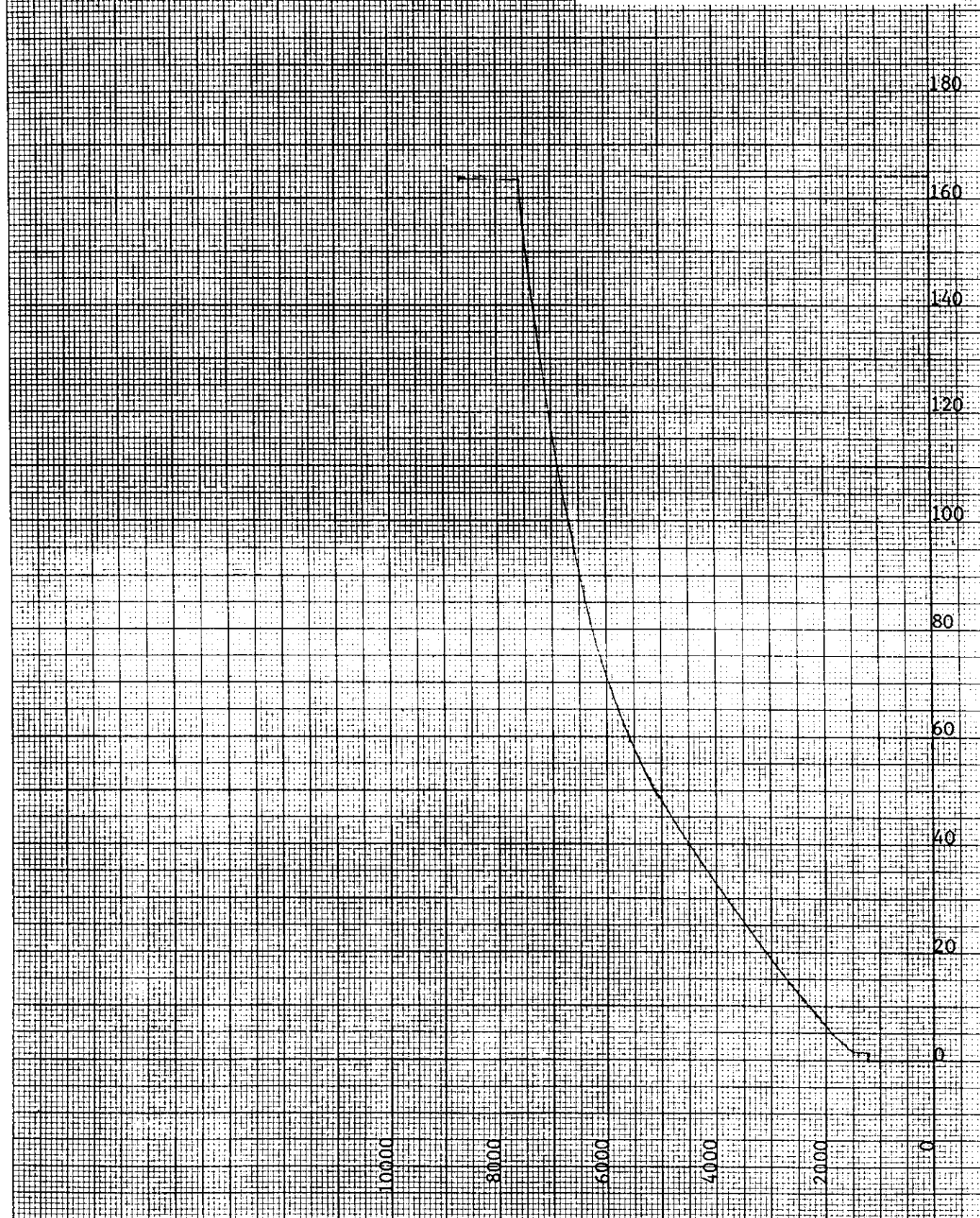
Calib. Date: 87FEB13

Date	Time	Cumulative	Deflection	P-PC	Pressure
87MAR27	1835	148.00	18.090	+1.2	7454
87MAR27	2235	152.00	18.205	+1.2	7501
87MAR28	0235	156.00	18.320	+1.3	7549
87MAR28	0635	160.00	18.420	+1.3	7590
87MAR28	1000	163.42	18.485	+1.3	7617
			PULLED PLUG		
87MAR28	1032	163.95	21.080	+1.5	8686
87MAR28	1055	164.33	NOT LEGIBLE	- OFF BOTTOM	
87MAR28	1055	164.33	NOT LEGIBLE	- OFF BOTTOM	

461510

K&S 10 X 10 TO THE CENTIMETER 18 X 25 CM
KEUFFEL & ESSER CO. MADE IN U.S.A.

Home Scurry S. Pierson
10-21-2-29-W1M
March 21, 1987



Home et al South Pierson 06-19-002-29 W1M

General Geological and Well Information

Formation	= Spearfish
Depth	= 1008 m KB
Net Pay	= 5.6 m
Porosity	= 16.8 %
Temperature	= 41°C
Specific Gravity	= 0.83
Oil Gravity	= 39°
FVF	= 1.169 m ³ /m ³
Production Casing	= 139.7 mm @ 1085.0 m KB
Perforation Interval	= 1021.0 - 1031.0 m KB
KB/GL	= 483.40 / 479.25 m
Mid Point of Perforations	= 1026.00 m KB / 1021.85 m GL

Home et al South Pierson 06-19-002-29 W1M

Flow and BUild-up Test Data

Date of Test	= 87-06-06 to 87-06-22
Average Swab Rate	
87-06-03	= 6.8 m ³ /d
87-06-04	= 7.8 m ³ /d
87-06-05	= 7.5 m ³ /d
Run Recorders	= 87-06-06 @ 09:15
Recorders on bottom	= 87-06-06 @ 10:00
End of Controlled Swabbing	= 87-06-06 @ 17:30
Flow Period Duration	= <u>7.50</u> hours
Average Production Rate	= 6.6 m ³ /d
Shut-in Period Duration	= 375.75 hours
Final Recorded Pressure	= 10549 kPa @ MPP

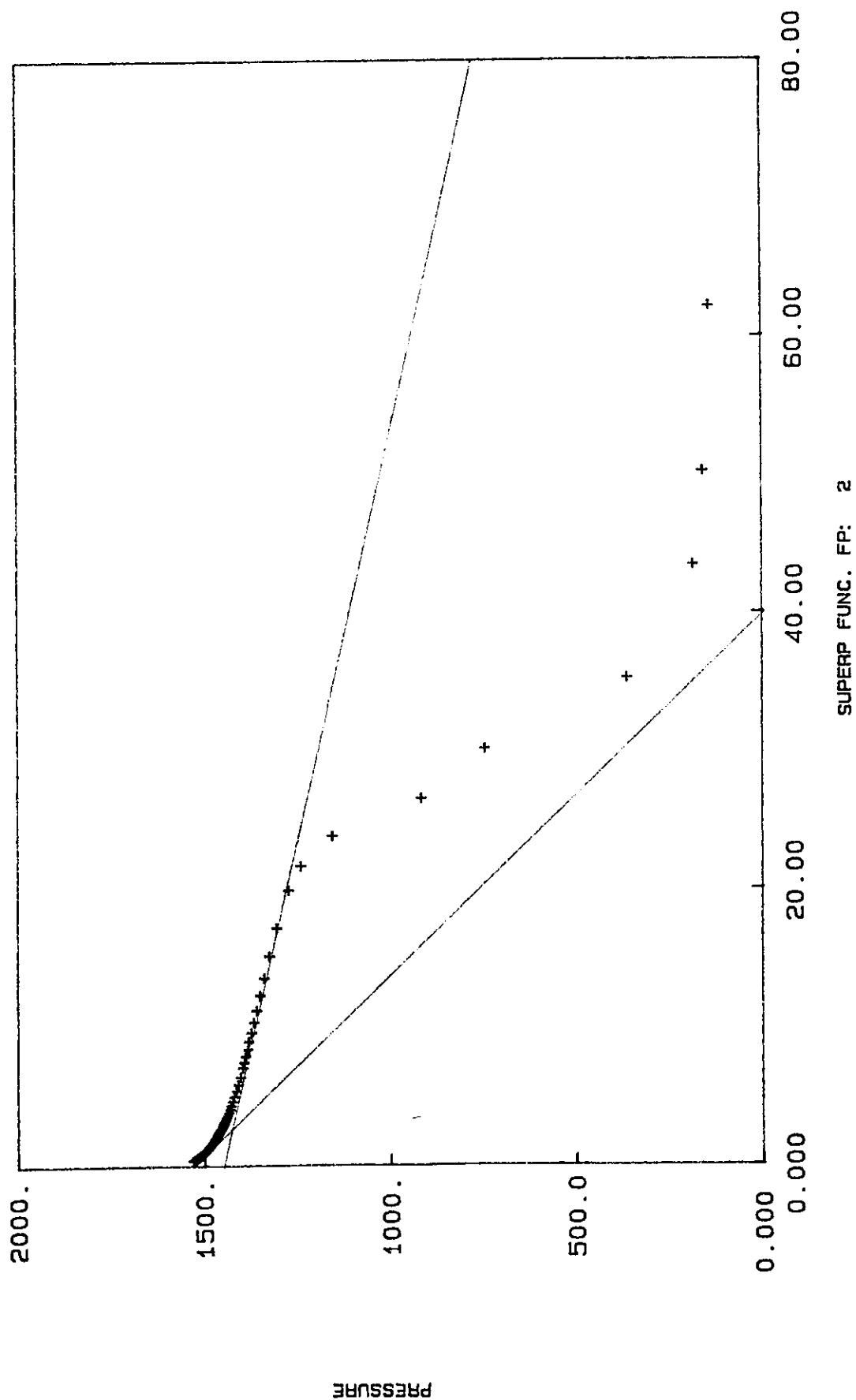
Home et al South Pierson 06-19-002-29 W1M

Flow and Build-up Test Results

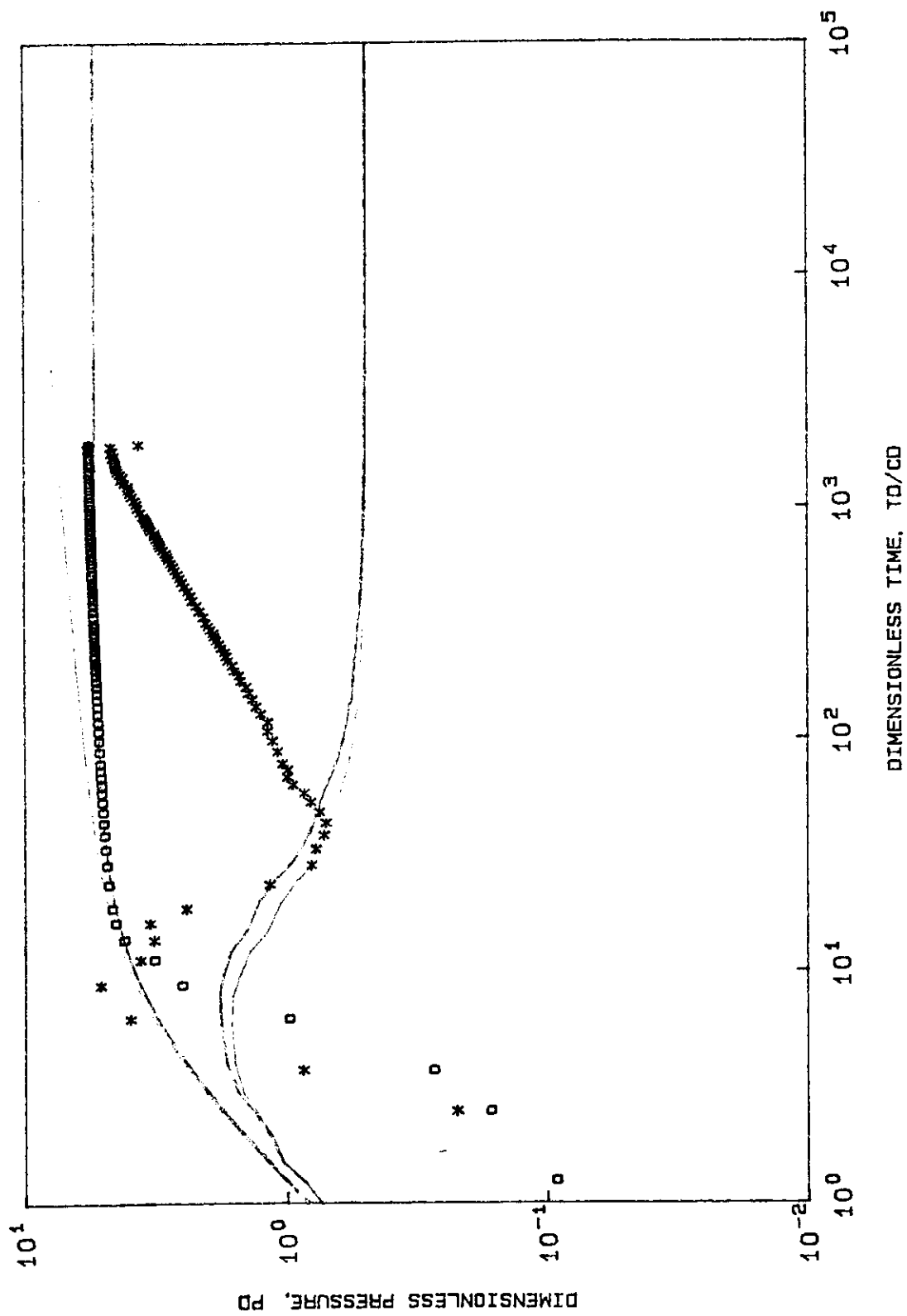
Reservoir Pressure	= 10590 kPa
Reservoir Datum	= 542.6 m SS
Reservoir Transmissivity	= 12.92 mD.metres
Reservoir Permeability	= 2.3 mD
Wellbore Skin Effect	= (-) 1.3

Additional Notes

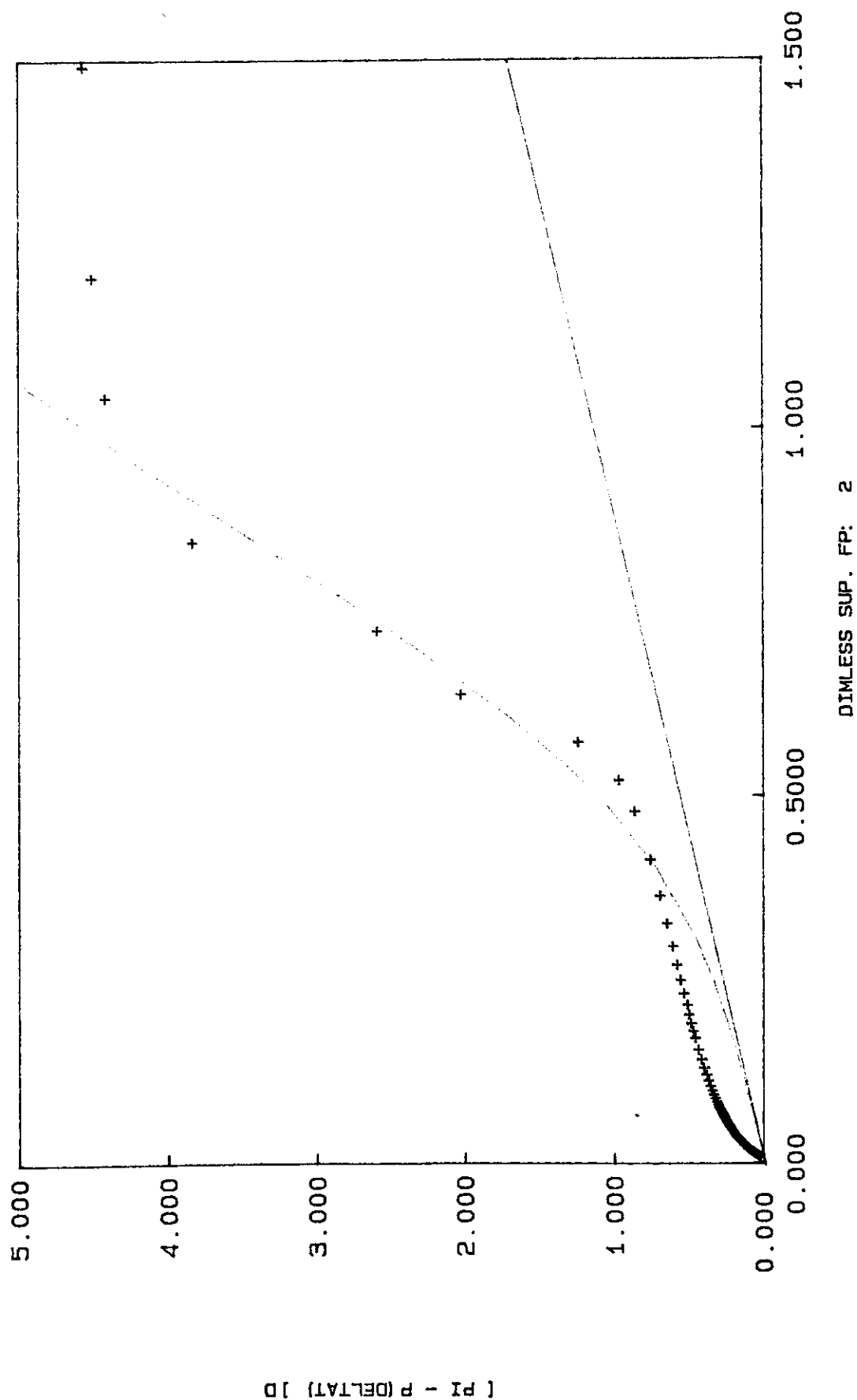
- A nipple and plug were run in and set at 1010 m GL, 6.85 m above the perforation interval. This was an excellent procedure, as without downhole shut-off the entire data set may have been effected by wellbore storage effects.
- The 15 day shut-in period was sufficient in yielding data for late time behaviour analysis. However the late time effects occurred early in the test, masking the middle time data. Thus the time required to reach the start of semi-log straight line time was not defined. It is recommended that future build-up tests be conducted for a minimum duration of 15 days.



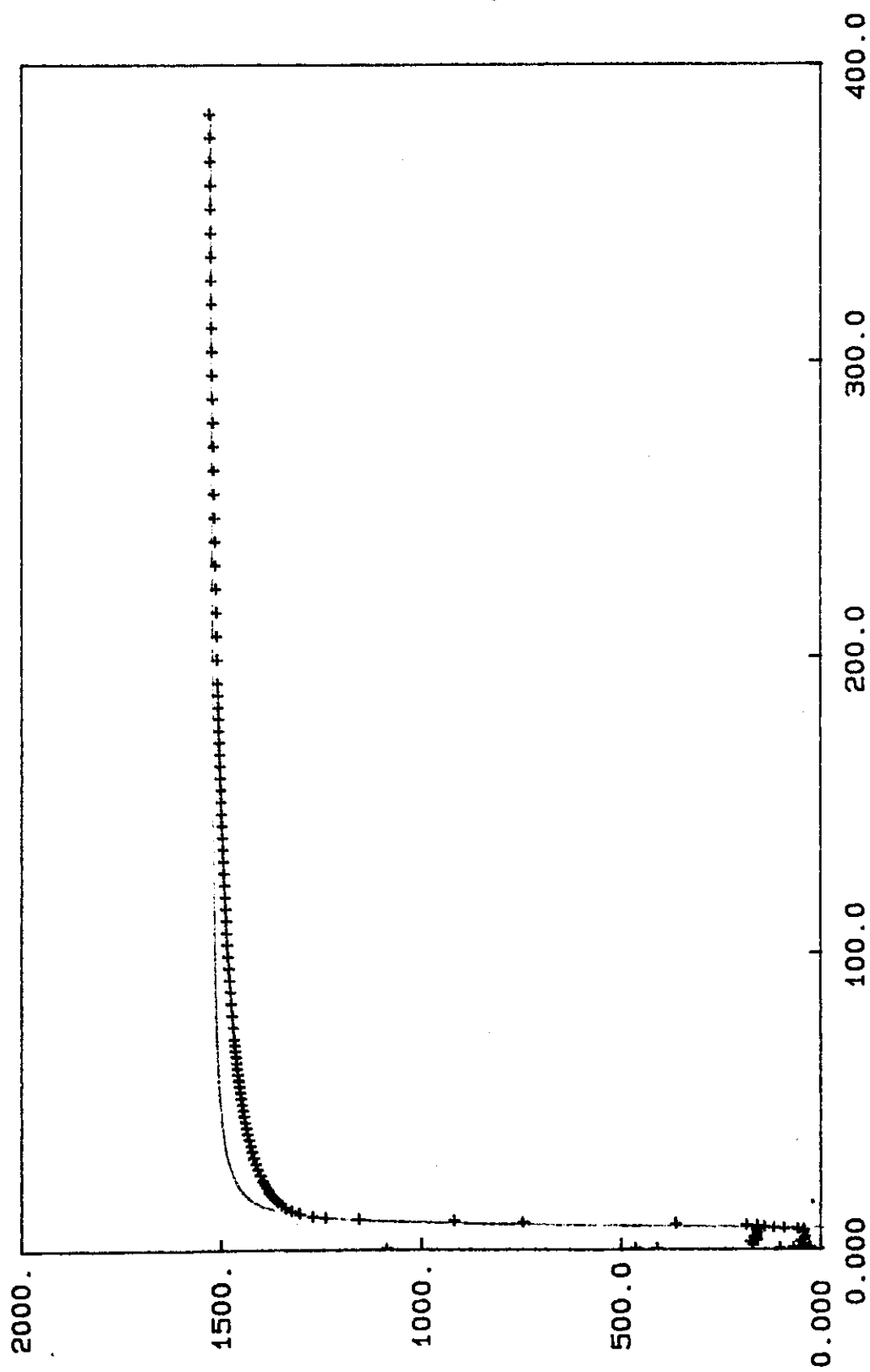
HOME ET AL SOUTH PIERSON 06-19-02-29 W1M
INITIAL SPEARFISH COMPLETION
FLOW AND BUILD-UP TEST : JUNE 6-22 1987
SEMI-LOG HORNER ANALYSIS



HOME ET AL SOUTH PIERSON 06-19-02-29 W1M
 WELL WITH WELLBORE STORAGE AND SKIN IN A RESERVOIR WITH HOMOGENEOUS BEHAVIOR
 DRAWDOWN TYPE CURVE, $CD(2S) = 1.000E+03$
 FLOW AND BUILD-UP TEST : JUNE 6-22 1987



HOME ET AL SOUTH PIERSON 06-19-02-29 W1M
FLOW AND BUILD-UP TEST : JUNE 6-22 1987
GENERALIZED HORNER TYPE CURVE. NO. FLOW PERIOD 2
VALIDATION OF INTERPRETATION MODEL



HOME ET AL SOUTH REGIONAL UNIVERSITY
FLOW AND BUILD-UP TEST: DIFFERENTIAL
VALIDATION OF THE DIFFERENTIAL METHOD

COMPARISON BETWEEN ACTUAL TEST DATA AND SIMULATION RESULTS

MOOSE MOUNTAIN
WELL SERVICES LTD.

COMPANY: HOME OIL COMPANY LIMITED

ADDRESS: CALGARY ALBERTA

FIELD-POOL: PIERSON/SPEARFISH

TYPE OF TEST: SWAB-BUILDUP

PERF/OH INTERVAL: 1021-1031 KB

ELEVATIONS: (GD) 479.25 (KB) 483.40

POOL DATUM:

WELL NAME: HOME et al S. PIERSON

LOCATION: 6-19-2-29-W1M

WELL STATUS: OIL

DATE OF TEST: 87JUN06

PRODUCING THROUGH: 73MM TUBING

MP PROD. INTER: 1021.95 GD.?

DATUM DEPTH: (CF)

SHUT IN:

DWG PRESS: (KPA)

RUN DEPTH TEMP: (C) 41

ON/OFF BTM: 0915 6/6 - 1255 6/22

TOP RECORDER

BOTTOM RECORDER

ELEMENT SERIAL NO:

56417

49698

RUN DEPTH: (MCF)

1028.2

1030

RUN DEPTH PRESS: (KPA)

10581

10590

GRADIENT-RUN DEPTH: (KPA/M)

PRESSURE AT MMP: (KPA)

DATUM DEPTH PRESS: (KPA)

REMARKS: ACCORDING TO TIMES GIVEN CLOCKS RAN SLOW - USED TOP RECORDER

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Element No. 56417
Run Depth: 1028.2

Range (kPa): 17237

Calib. Equation: 349.41

IH#: D15584

-12.14

Location: 6-19-2-29-W1M

360 hr Clock #: 2942

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN06	0915	0.00	21.020	-10.0	7322
			ON BOTTOM		
87JUN06	1000	0.75	22.500	-11.0	7839
			START TO SWAB		
87JUN06	1005	0.83	21.610	-10.4	7528
87JUN06	1015	1.00	8.190	+0.7	2850
87JUN06	1020	1.08	9.250	-0.7	3219
87JUN06	1025	1.17	1.165	+10.5	405
87JUN06	1030	1.25	2.105	+9.2	733
87JUN06	1035	1.33	0.665	+11.2	231
87JUN06	1045	1.50	1.420	+10.2	494
87JUN06	1055	1.67	0.610	+11.3	212
87JUN06	1140	2.42	3.480	+7.3	1211
87JUN06	1145	2.50	0.910	+10.9	317
87JUN06	1245	3.50	3.590	+7.1	1249
87JUN06	1300	3.75	1.080	+10.6	376
87JUN06	1325	4.17	3.240	+7.6	1128
87JUN06	1335	4.33	0.910	+10.9	317
87JUN06	1425	5.17	3.280	+7.6	1142
87JUN06	1432	5.28	0.865	+10.9	301
87JUN06	1540	6.42	3.265	+7.6	1136
87JUN06	1550	6.58	0.940	+10.8	327
87JUN06	1640	7.42	3.300	+7.5	1148
			LAST SWAB		
87JUN06	1650	7.58	0.900	+10.9	313
87JUN06	1700	7.75	1.215	+10.4	423
87JUN06	1715	8.00	1.900	+9.5	661
87JUN06	1730	8.25	2.435	+8.8	847
			FRICITION IN BTM RECORDER		
87JUN06	1745	8.50	2.890	+8.1	1006
87JUN06	1800	8.75	3.250	+7.6	1131
87JUN06	1815	9.00	3.780	+6.9	1316
87JUN06	1845	9.50	7.290	+2.0	2537
87JUN06	1915	10.00	14.830	-5.4	5164
87JUN06	1945	10.50	18.230	-7.9	6350
87JUN06	2015	11.00	22.980	-11.3	8006
87JUN06	2045	11.50	24.630	-12.4	8581
87JUN06	2115	12.00	25.270	-12.9	8805
87JUN06	2215	13.00	25.910	-13.3	9028
87JUN06	2315	14.00	26.305	-13.6	9165
			END OF FRICTION		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 56417

Range (kPa): 17237

IHM: D15584

360 hr Clock #: 2942

Run Depth: 1028.2

Calib. Equation: 349.41 -12.14

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN07	0015	15.00	26.585	-13.8	9263
87JUN07	0115	16.00	26.805	-13.9	9340
87JUN07	0215	17.00	26.980	-14.1	9401
87JUN07	0315	18.00	27.130	-14.2	9453
87JUN07	0415	19.00	27.255	-14.2	9497
87JUN07	0515	20.00	27.410	-14.4	9551
87JUN07	0615	21.00	27.465	-14.4	9570
87JUN07	0715	22.00	27.555	-14.5	9601
87JUN07	0815	23.00	27.640	-14.5	9631
87JUN07	0915	24.00	27.720	-14.6	9659
87JUN07	1115	26.00	27.850	-14.7	9704
87JUN07	1315	28.00	27.975	-14.7	9748
87JUN07	1515	30.00	28.075	-14.8	9783
87JUN07	1715	32.00	28.170	-14.9	9816
87JUN07	1915	34.00	28.260	-14.9	9847
87JUN07	2115	36.00	28.335	-15.0	9873
87JUN07	2315	38.00	28.400	-15.0	9896
87JUN08	0115	40.00	28.475	-15.1	9922
87JUN08	0315	42.00	28.530	-15.1	9941
87JUN08	0515	44.00	28.590	-15.2	9962
87JUN08	0715	46.00	28.650	-15.2	9983
87JUN08	0915	48.00	28.695	-15.2	9999
87JUN08	1115	50.00	28.750	-15.3	10018
87JUN08	1315	52.00	28.790	-15.3	10032
87JUN08	1515	54.00	28.835	-15.3	10048
87JUN08	1715	56.00	28.875	-15.4	10062
87JUN08	1915	58.00	28.915	-15.4	10076
87JUN08	2115	60.00	28.950	-15.4	10088
87JUN08	2315	62.00	28.990	-15.4	10102
87JUN09	0115	64.00	29.020	-15.5	10112
87JUN09	0315	66.00	29.050	-15.5	10123
87JUN09	0515	68.00	29.085	-15.5	10135
87JUN09	0715	70.00	29.115	-15.5	10145
87JUN09	0915	72.00	29.140	-15.5	10154
87JUN09	1315	76.00	29.195	-15.6	10173
87JUN09	1715	80.00	29.240	-15.6	10189
87JUN09	2115	84.00	29.290	-15.6	10206
87JUN10	0115	88.00	29.335	-15.7	10222
87JUN10	0515	92.00	29.370	-15.7	10234
87JUN10	0915	96.00	29.410	-15.7	10248

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 56417

Range (kPa): 17237

IHM: D15584

360 hr Clock #: 2942

Run Depth: 1028.2

Calib. Equation: 349.41 -12.14

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN10	1315	100.00	29.450	-15.8	10262
87JUN10	1715	104.00	29.485	-15.8	10274
87JUN10	2115	108.00	29.520	-15.8	10287
87JUN11	0115	112.00	29.540	-15.8	10294
87JUN11	0515	116.00	29.575	-15.8	10306
87JUN11	0915	120.00	29.600	-15.9	10315
87JUN11	1315	124.00	29.630	-15.9	10325
87JUN11	1715	128.00	29.655	-15.9	10334
87JUN11	2115	132.00	29.680	-15.9	10342
87JUN12	0115	136.00	29.700	-15.9	10349
87JUN12	0515	140.00	29.725	-15.8	10358
87JUN12	0915	144.00	29.745	-15.8	10365
87JUN12	1315	148.00	29.770	-15.7	10374
87JUN12	1715	152.00	29.790	-15.7	10381
87JUN12	2115	156.00	29.805	-15.6	10386
87JUN13	0115	160.00	29.830	-15.6	10395
87JUN13	0515	164.00	29.840	-15.6	10399
87JUN13	0915	168.00	29.860	-15.5	10406
87JUN13	1315	172.00	29.880	-15.5	10413
87JUN13	1715	176.00	29.895	-15.5	10418
87JUN13	2115	180.00	29.910	-15.4	10423
87JUN14	0115	184.00	29.925	-15.4	10429
87JUN14	0515	188.00	29.940	-15.4	10434
87JUN14	0915	192.00	29.960	-15.3	10441
87JUN14	1715	200.00	29.985	-15.3	10450
87JUN15	0115	208.00	30.010	-15.2	10458
87JUN15	0915	216.00	30.030	-15.2	10465
87JUN15	1715	224.00	30.060	-15.1	10476
87JUN16	0115	232.00	30.080	-15.1	10483
87JUN16	0915	240.00	30.100	-15.0	10490
87JUN16	1715	248.00	30.120	-15.0	10497
87JUN17	0115	256.00	30.140	-14.9	10504
87JUN17	0915	264.00	30.160	-14.9	10511
87JUN17	1715	272.00	30.175	-14.9	10516
87JUN18	0115	280.00	30.195	-14.8	10523
87JUN18	0915	288.00	30.210	-14.8	10529
87JUN18	1715	296.00	30.225	-14.8	10534
87JUN19	0115	304.00	30.240	-14.7	10539
87JUN19	0915	312.00	30.255	-14.7	10545
87JUN19	1715	320.00	30.265	-14.7	10548

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 56417

Range (kPa): 17237

IHH: D15584

360 hr Clock #: 2942

Run Depth: 1028.2

Calib. Equation: 349.41 -12.14

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN20	0115	328.00	30.280	-14.6	10553
87JUN20	0915	336.00	30.290	-14.6	10557
87JUN20	1715	344.00	30.305	-14.6	10562
87JUN21	0115	352.00	30.310	-14.6	10564
87JUN21	0915	360.00	30.325	-14.5	10569
87JUN21	1715	368.00	30.340	-14.5	10574
87JUN22	0115	376.00	30.350	-14.5	10578
87JUN22	0915	384.00	30.360	-14.5	10581
			END OF BOTTOM CHART		
87JUN22	0930	384.25	30.330	-14.5	10571
			END OF TOP CHART		
87JUN22	1255	387.67	OFF BOTTOM		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Element No. 49698

Run Depth: 1030

Range (kPa): 17237

Calib. Equation: 339.55 -22.62

IHM: 36582

Location: 6-19-2-29-W1M

360 hr Clock #: 2945

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN06	0915	0.00	21.730	-17.2	7339
			ON BOTTOM		
87JUN06	1000	0.75	23.240	-17.6	7851
			START TO SWAB		
87JUN06	1005	0.83	22.250	-17.3	7515
87JUN06	1015	1.00	8.520	-0.8	2870
87JUN06	1020	1.08	9.540	-3.6	3213
87JUN06	1025	1.17	1.200	+19.3	404
87JUN06	1030	1.25	2.190	+16.6	738
87JUN06	1035	1.33	0.710	+20.7	239
87JUN06	1045	1.50	1.470	+18.6	495
87JUN06	1055	1.67	0.650	+20.8	219
87JUN06	1140	2.42	3.610	+12.7	1216
87JUN06	1145	2.50	1.000	+19.9	337
87JUN06	1245	3.50	3.625	+12.6	1221
87JUN06	1300	3.75	1.120	+19.5	377
87JUN06	1325	4.17	3.400	+13.3	1145
87JUN06	1335	4.33	0.950	+20.0	320
87JUN06	1425	5.17	3.330	+13.5	1122
87JUN06	1432	5.28	0.915	+20.1	308
87JUN06	1540	6.42	3.350	+13.4	1128
87JUN06	1550	6.58	0.980	+19.9	330
87JUN06	1640	7.42	3.370	+13.3	1135
			LAST SWAB		
87JUN06	1650	7.58	0.940	+20.0	317
87JUN06	1700	7.75	1.140	+19.5	384
87JUN06	1715	8.00	1.970	+17.2	663
87JUN06	1730	8.25	2.400	+16.0	808
			FRICION IN BTM RECORDER		
87JUN06	1745	8.50	2.905	+14.6	978
87JUN06	1800	8.75	3.305	+13.5	1113
87JUN06	1815	9.00	3.980	+11.7	1340
87JUN06	1845	9.50	6.520	+4.7	2196
87JUN06	1915	10.00	19.260	-15.5	6502
87JUN06	1945	10.50	25.760	-18.4	8706
87JUN06	2015	11.00	25.770	-18.4	8709
87JUN06	2045	11.50	25.780	-18.4	8713
87JUN06	2115	12.00	25.790	-18.4	8716
87JUN06	2215	13.00	26.680	-18.6	9018
87JUN06	2315	14.00	27.125	-18.8	9169
			END OF FRICTION		

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 49698

Range (kPa): 17237

IHH: 36582

360 hr Clock #: 2945

Run Depth: 1030

Calib. Equation: 339.55 -22.62

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN07	0015	15.00	27.510	-18.9	9300
87JUN07	0115	16.00	27.600	-18.9	9330
87JUN07	0215	17.00	27.800	-19.0	9398
87JUN07	0315	18.00	27.960	-19.0	9452
87JUN07	0415	19.00	28.090	-19.1	9496
87JUN07	0515	20.00	28.220	-19.1	9540
87JUN07	0615	21.00	28.320	-19.1	9574
87JUN07	0715	22.00	28.420	-19.2	9608
87JUN07	0815	23.00	28.510	-19.2	9639
87JUN07	0915	24.00	28.585	-19.2	9664
87JUN07	1115	26.00	28.730	-19.2	9713
87JUN07	1315	28.00	28.855	-19.3	9756
87JUN07	1515	30.00	28.970	-19.3	9795
87JUN07	1715	32.00	29.070	-19.3	9829
87JUN07	1915	34.00	29.155	-19.4	9858
87JUN07	2115	36.00	29.240	-19.4	9886
87JUN07	2315	38.00	29.310	-19.4	9910
87JUN08	0115	40.00	29.385	-19.4	9936
87JUN08	0315	42.00	29.445	-19.5	9956
87JUN08	0515	44.00	29.510	-19.5	9978
87JUN08	0715	46.00	29.565	-19.5	9997
87JUN08	0915	48.00	29.620	-19.5	10015
87JUN08	1115	50.00	29.665	-19.5	10031
87JUN08	1315	52.00	29.705	-19.5	10044
87JUN08	1515	54.00	29.755	-19.6	10061
87JUN08	1715	56.00	29.800	-19.6	10076
87JUN08	1915	58.00	29.835	-19.6	10088
87JUN08	2115	60.00	29.870	-19.6	10100
87JUN08	2315	62.00	29.915	-19.6	10115
87JUN09	0115	64.00	29.940	-19.6	10124
87JUN09	0315	66.00	29.980	-19.6	10137
87JUN09	0515	68.00	30.010	-19.6	10148
87JUN09	0715	70.00	30.040	-19.6	10158
87JUN09	0915	72.00	30.070	-19.6	10168
87JUN09	1315	76.00	30.125	-19.7	10187
87JUN09	1715	80.00	30.180	-19.7	10205
87JUN09	2115	84.00	30.230	-19.7	10222
87JUN10	0115	88.00	30.270	-19.7	10236
87JUN10	0515	92.00	30.310	-19.7	10249
87JUN10	0915	96.00	30.355	-19.7	10265

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 49698

Range (kPa): 17237

IHH: 36582

360 hr Clock #: 2945

Run Depth: 1030

Calib. Equation: 339.55 -22.62

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN10	1315	100.00	30.395	-19.7	10278
87JUN10	1715	104.00	30.425	-19.8	10288
87JUN10	2115	108.00	30.460	-19.8	10300
87JUN11	0115	112.00	30.490	-19.8	10310
87JUN11	0515	116.00	30.520	-19.8	10321
87JUN11	0915	120.00	30.545	-19.8	10329
87JUN11	1315	124.00	30.575	-19.8	10339
87JUN11	1715	128.00	30.605	-19.8	10350
87JUN11	2115	132.00	30.625	-19.7	10356
87JUN12	0115	136.00	30.650	-19.7	10365
87JUN12	0515	140.00	30.670	-19.6	10372
87JUN12	0915	144.00	30.690	-19.6	10379
87JUN12	1315	148.00	30.715	-19.6	10387
87JUN12	1715	152.00	30.735	-19.5	10394
87JUN12	2115	156.00	30.755	-19.5	10401
87JUN13	0115	160.00	30.770	-19.5	10406
87JUN13	0515	164.00	30.790	-19.4	10413
87JUN13	0915	168.00	30.810	-19.4	10420
87JUN13	1315	172.00	30.830	-19.4	10426
87JUN13	1715	176.00	30.845	-19.3	10431
87JUN13	2115	180.00	30.860	-19.3	10437
87JUN14	0115	184.00	30.880	-19.3	10443
87JUN14	0515	188.00	30.890	-19.2	10447
87JUN14	0915	192.00	30.905	-19.2	10452
87JUN14	1715	200.00	30.930	-19.2	10460
87JUN15	0115	208.00	30.960	-19.1	10471
87JUN15	0915	216.00	30.985	-19.1	10479
87JUN15	1715	224.00	31.010	-19.0	10488
87JUN16	0115	232.00	31.030	-19.0	10495
87JUN16	0915	240.00	31.050	-19.0	10501
87JUN16	1715	248.00	31.070	-18.9	10508
87JUN17	0115	256.00	31.090	-18.9	10515
87JUN17	0915	264.00	31.110	-18.8	10522
87JUN17	1715	272.00	31.125	-18.8	10527
87JUN18	0115	280.00	31.145	-18.8	10534
87JUN18	0915	288.00	31.155	-18.8	10537
87JUN18	1715	296.00	31.170	-18.7	10542
87JUN19	0115	304.00	31.190	-18.7	10549
87JUN19	0915	312.00	31.200	-18.7	10553
87JUN19	1715	320.00	31.210	-18.7	10556

CHART READINGS AND CALCULATIONS

Company: HOME OIL COMPANY LIMITED

Location: 6-19-2-29-W1M

Element No. 49698

Range (kPa): 17237

IHS: 36582

360 hr Clock #: 2945

Run Depth: 1030

Calib. Equation: 339.55 -22.62

Calib. Date: 87APR30

Date	Time	Cumulative	Deflection	P-PC	Pressure
87JUN20	0115	328.00	31.220	-18.6	10559
87JUN20	0915	336.00	31.235	-18.6	10565
87JUN20	1715	344.00	31.245	-18.6	10568
87JUN21	0115	352.00	31.260	-18.6	10573
87JUN21	0915	360.00	31.270	-18.6	10577
87JUN21	1715	368.00	31.280	-18.5	10580
87JUN22	0115	376.00	31.290	-18.5	10583
87JUN22	0915	384.00	31.310	-18.5	10590
			END OF BOTTOM CHART		
87JUN22	0930	384.25	END OF TOP CHART		
87JUN22	1255	387.67	OFF BOTTOM		

Home et al S. Pierson
6-19-2-29-W1M
June 6, 1987

