

OMEGA
HYDROCARBONS LTD

1300 SUN LIFE PLAZA III
112 - 4th AVENUE S.W.
CALGARY, ALBERTA, CANADA T2P 0H3
TELEPHONE (403) 261-0743

February 1, 1988

Manitoba Petroleum Branch
555 - 330 Graham Avenue
Winnipeg, Manitoba
R3C 4EG

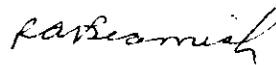
Attention: Bob Dubreuil

RE: Waskada Unit No. 14

Enclosed is a copy of the Unit Operating Agreement for the subject unit including a copy of the execution page for each of the two parties.

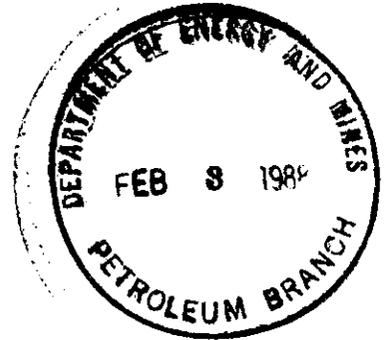
Yours truly,

OMEGA HYDROCARBONS LTD.



R. A. Beamish
Joint Interest Coordinator

RAB/lb
Enclosures



OKIE / Paulette

WASKADA UNIT No. 14

EFFECTIVE Feb. 1, 1988

includes the following wells:

Omega et al	Waskada	1-32-1-25
" " "	"	2-32-1-25
" " "	"	A3-32-1-25
" " "	"	4-32-1-25
" " "	"	5-32-1-25
" " "	"	6-32-1-25
" " "	"	7-32-1-25
" " "	"	8-32-1-25

CROWN NOT INVOLVED

BP

cc
Donna - Revise Unit Map
DAN - Revise STORE CODES.



The Oil and Natural Gas
Conservation Board

Room 309
Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

(204) 945-3130

January 29, 1988

Omega Hydrocarbons Ltd.
1300 Sun Life Plaza
112 - 4th Avenue S.W.
Calgary, Alberta
T2P 0H3

Attention: Mr. R. A. Beamish, P. Eng.

Dear Sir:

Re: Waskada Unit No. 14

The Waskada Unit No. 14 is hereby approved with an effective date (pursuant to Article XIV of the Unit Agreement) of February 1, 1988.

Yours respectfully,

A handwritten signature in black ink, appearing to read "Wm. McDonald". The signature is written in a cursive, flowing style.

Wm. McDonald
Deputy Chairman

cc: Charles Kang
B. Ball
Petroleum



1300 SUN LIFE PLAZA III
112 - 4th AVENUE S.W.
CALGARY, ALBERTA, CANADA T2P 0H3
TELEPHONE (403) 261-0743

January 25, 1988



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

Attention: Bob Dubreuil

Dear Sir:

Re: Proposed Waskada Unit No. 14

As discussed by phone, enclosed is a copy of the Unit Agreement which is being signed by all parties, and another copy of the Tract Participation calculations.

Yours truly,

OMEGA HYDROCARBONS LTD.

A handwritten signature in cursive script, appearing to read "R. A. Beamish".

R. A. Beamish
Joint Interest Coordinator

RAB/lb
Enclosure

OMEGA
HYDROCARBONS LTD.

1300 SUN LIFE PLAZA III
112 - 4th AVENUE S.W.
CALGARY, ALBERTA, CANADA T2P 0H3
TELEPHONE (403) 261-0743

January 28, 1988

Manitoba Petroleum Branch
555 - 330 Graham Avenue
Winnipeg, Manitoba
R3C 4EG

Attention: Bob Dubreuil

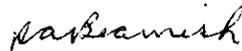
Dear Sir:

Re: Proposed Waskada Unit No. 14

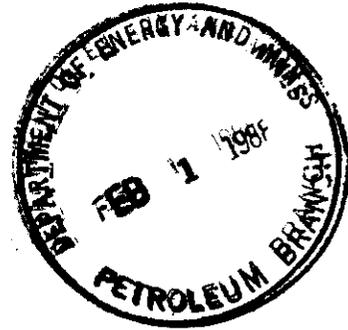
Enclosed are copies of page 21 of the Unit Agreement for the subject unit showing each parties counterpart execution of the document. We would appreciate receiving an Effective Date of February 1, 1988.

Yours truly,

OMEGA HYDROCARBONS LTD.



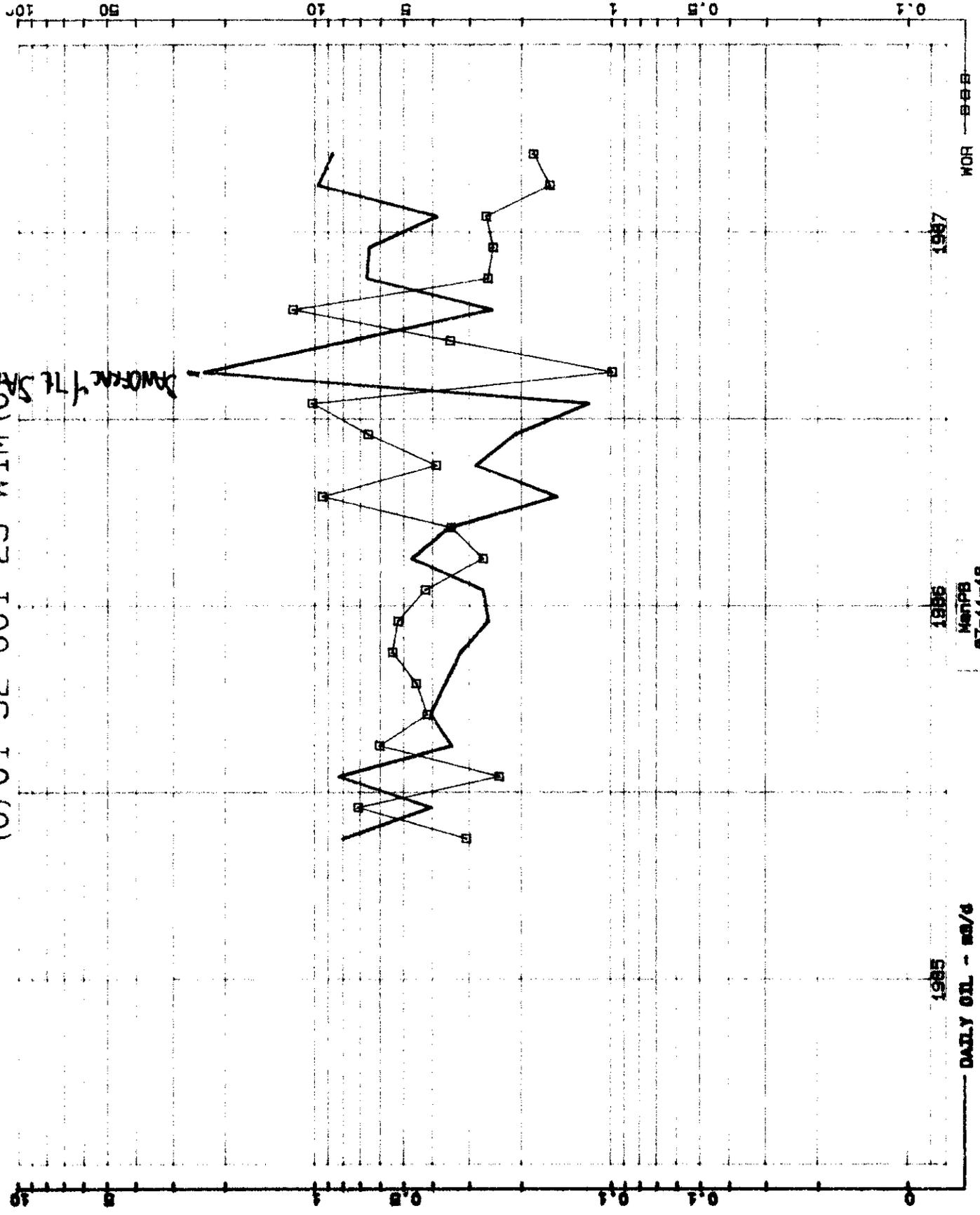
R. A. Beamish
Joint Interest Coordinator



RAB/lb

(0) 01-32-001-25 W1M (0)

PRODUCTION OF THE SAND (MM. 2/187)

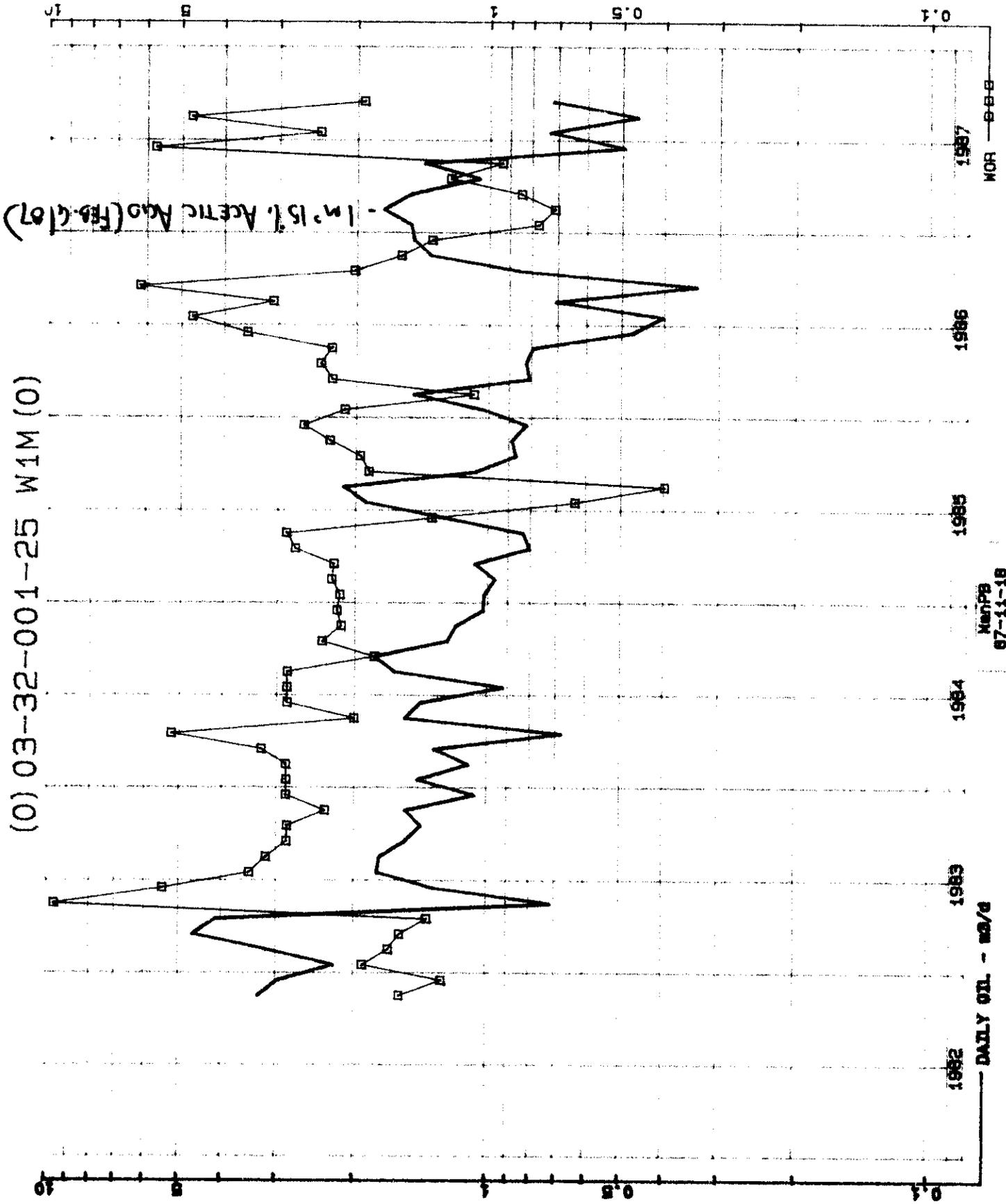


DAILY OIL - MM/G

1985
1986
1987
MONTPE
07-11-18
08:20:11

WOR - B-B-B

(0) 03-32-001-25 W1M (0)



ManPB
07-11-10
09:24:55

DAILY OIL - m3/d

1982

1983

1984

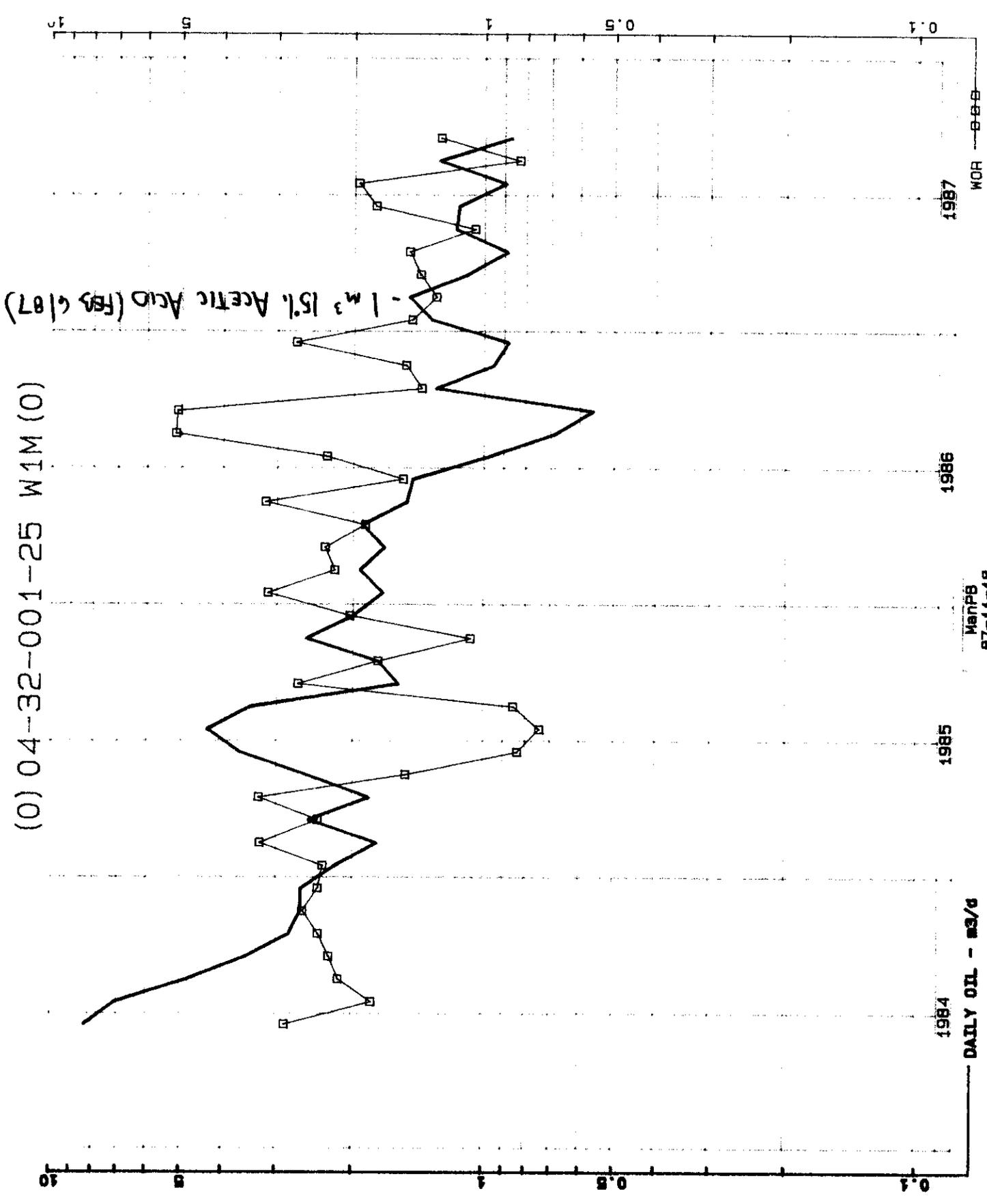
1985

1986

1987

MOR - 0888

(0) 04-32-001-25 W1M (0)



ManPB
87-11-18
09: 27: 36

DAILY OIL - m³/d

1984

1985

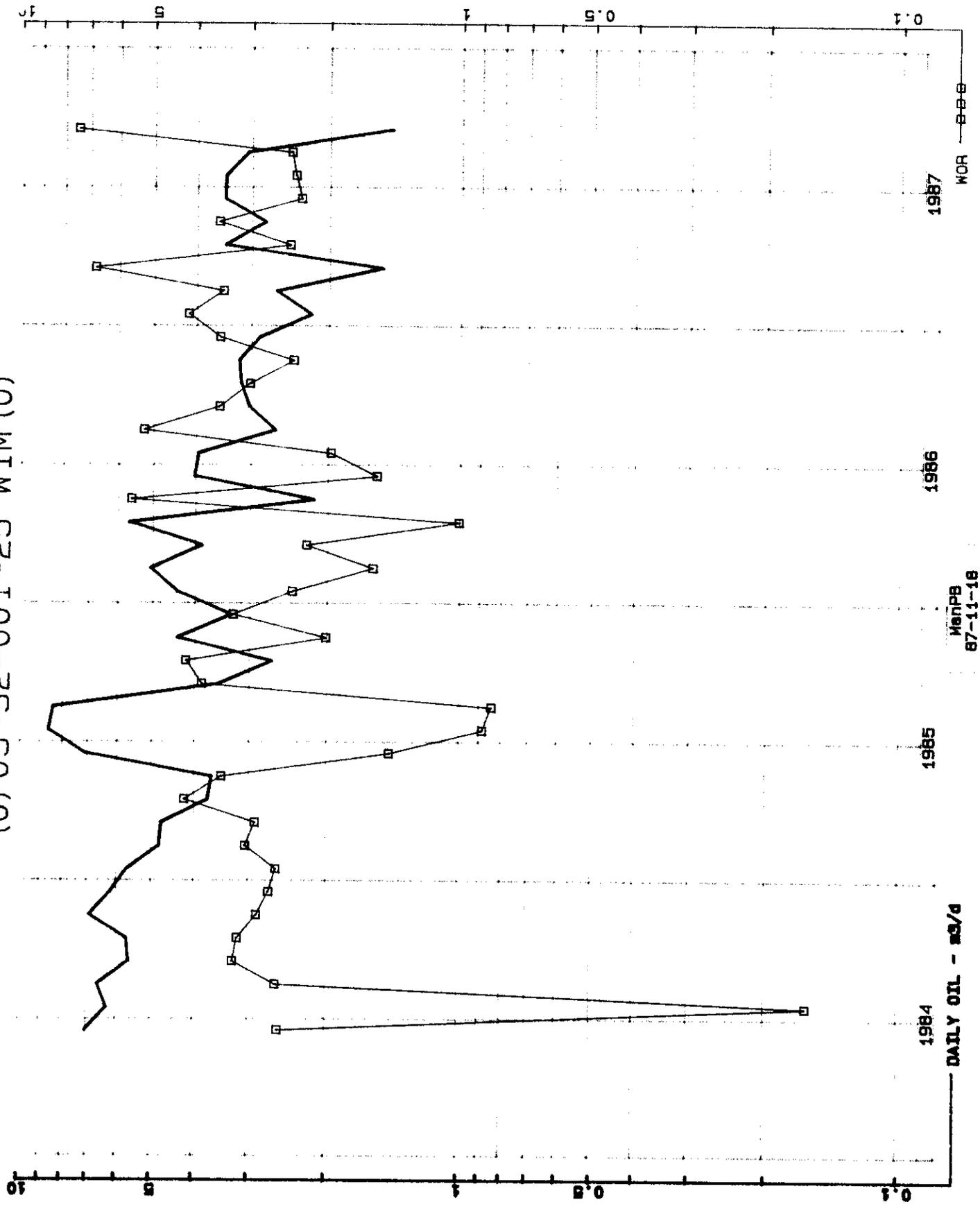
1986

1987

WOR

* No Work Done

(0) 05-32-001-25 W1M (0)



MemPB
87-11-18
09:30:44

DAILY OIL - m³/d

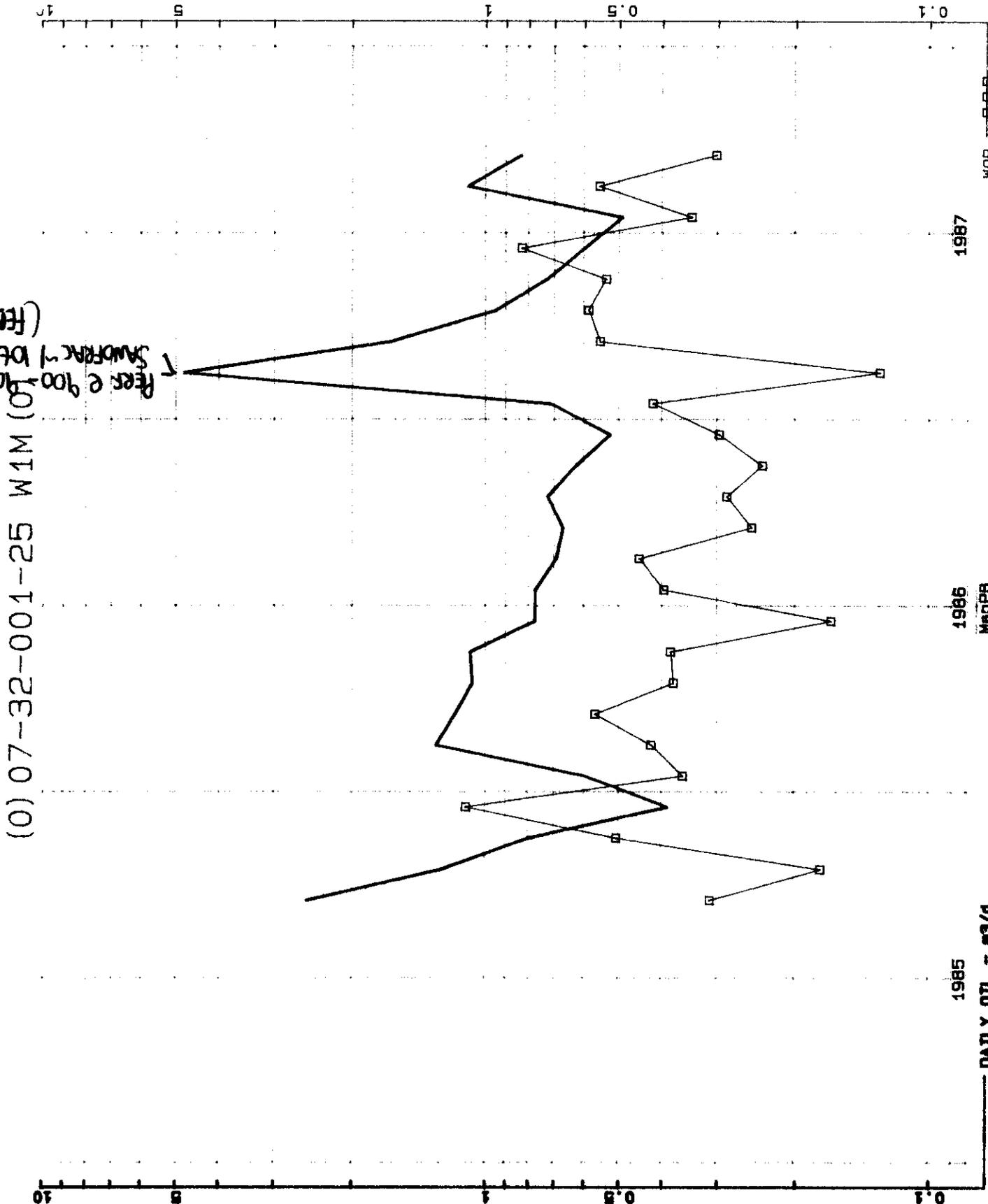
1984

1985

1986

1987

WOB



(0) 07-32-001-25 W1M (0) POS 75M SANDFRAC 1 OF SAND (Feb 87)

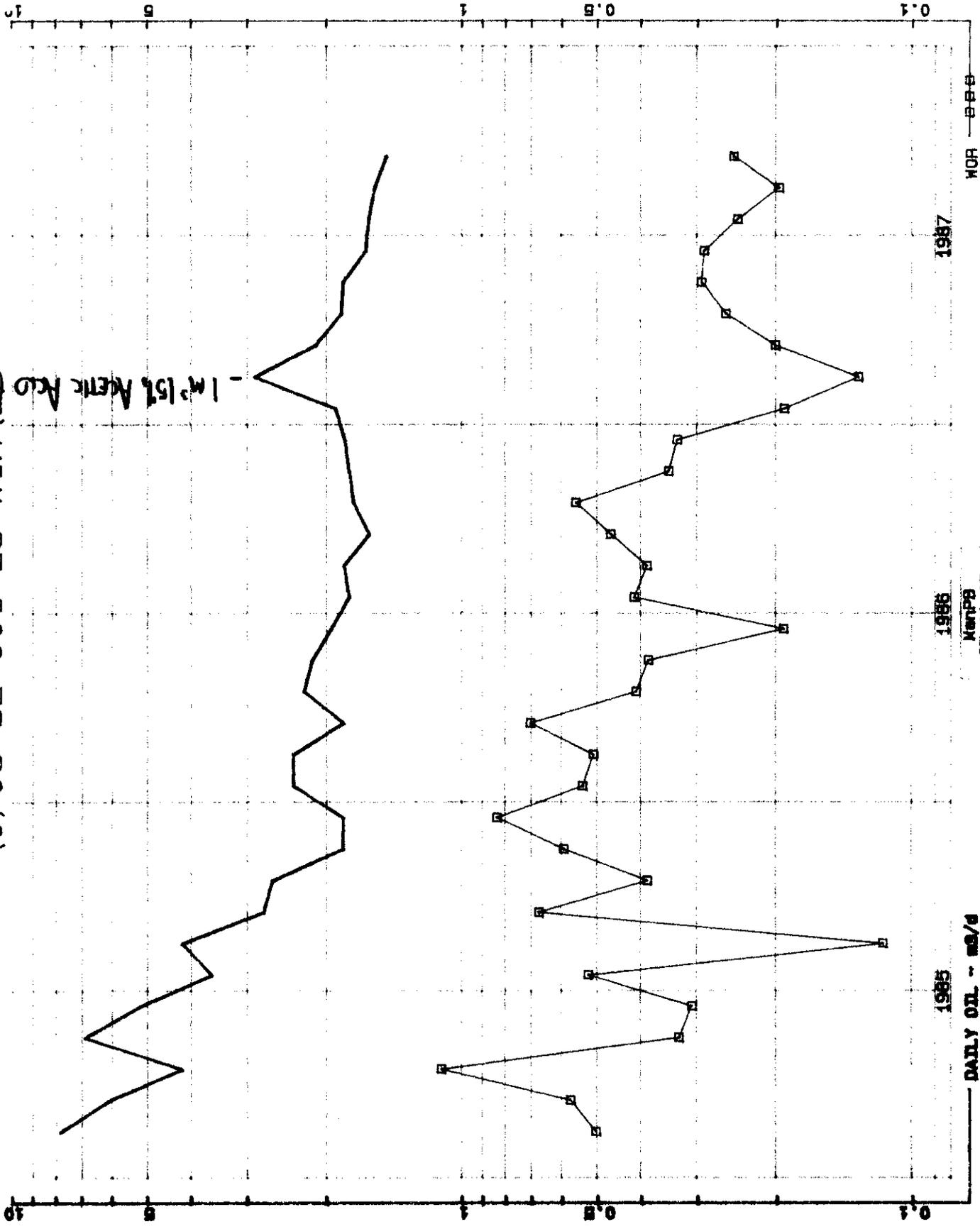
1985 DAILY OIL ~ m3/d

1986
MSPB
87-11-18
09:36:47

1987

WOB

(0) 08-32-001-25 W1M (27 Feb. 3/87)



1 mg/l Acetic Acid

1986

1985

1987

Wentz
87-11-18
08:39:00

DAILY OIL - mg/d

MOR - B-B-B

Feb



1300 SUN LIFE PLAZA III
112 - 4th AVENUE S.W.
CALGARY, ALBERTA, CANADA T2P 0H3
TELEPHONE (403) 261-0743

November 13, 1987

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

Attention: Mr. Bob Dubreuil

Dear Sir:

Re: Proposed Waskada Unit No. 14

Unit documents for the captioned unit are in final preparation to be sent to each owner for execution.

As previously requested we are forwarding to you a copy of the Tract Participation Calculations. As there have been several major well workovers we believe a current productivity period should be used. The most recent four month period, June through September, 1987, has been incorporated in the calculation.

Our plans to include Lsd. 13-29, with re-entry and immediate completion as an injector, will be put on hold until a more appropriate time, especially with regard to installation of the required flowline.

Yours truly,

OMEGA HYDROCARBONS LTD.

A handwritten signature in cursive script, appearing to read "R.A. Beamish".

R.A. Beamish
Joint Interest Coordinator

RAB/cia

Enclosure

WASINGTON UNIT 14 TRACT PARTICIPATION - BASIC DATA

#	TRACT	LAND DESCRIPTION	OMEGA	AREA	SEC.	SW	ROI	PHI*	187-09-30	CURRENT PRODUCTION		PRODUCTION PERIOD # 1		PRODUCTION PERIOD # 2	
										WBRKINS	INT. (Z)	(M)	(M3)	MRS	WATER
# 1	1-32-1-25	4PM	100,00000	16	0.25	0.40	1.17	1.03	326.5	2520	81.3	158.8			
# 2	2-32-1-25	4PM	93,75000	14	0.25	0.40	1.17	1.00	379.9	2589	94.9	308.1			
# 3	3-32-1-25	4PM	93,75000	16	0.25	0.40	1.17	1.31	2132.5	2890	72.7	248.0			
# 4	4-32-1-25	4PM	93,75000	14	0.25	0.40	1.17	1.14	3366.2	2679	118.4	167.4			
# 5	5-32-1-25	4PM	93,75000	14	0.25	0.40	1.17	1.11	5055.1	2926	349.3	1050.2			
# 6	6-32-1-25	4PM	93,75000	14	0.25	0.40	1.17	1.22	2245.6	1578	162.6	82.8			
# 7	7-32-1-25	4PM	93,75000	14	0.25	0.40	1.17	0.89	523.6	2495	72.3	35.4			
# 8	8-32-1-25	4PM	93,75000	14	0.25	0.40	1.17	1.31	2348.7	2914	191.0	46.6			
TOTALS:										20603	1092.5	2997.3	0	0.0	0.0

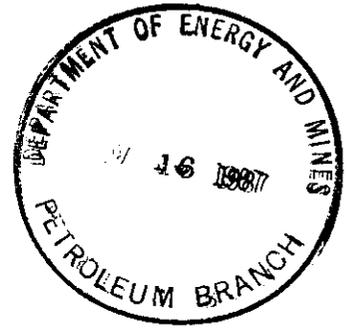
MASKADA UNIT 14 WORKING INTEREST OWNERSHIP BREAKDOWN

WORKING INTEREST OWNERS, THEIR SHARES IN EACH TRACT, AND THE RESULTING TOTAL WORKING INTERESTS

TRACT NUMBER	1	2	3	4	5	6	7	8
FACTOR	OMEGA	CHARVOO						
	% W.I.	% W.I.	% W.I.	% W.I.	% W.I.	% W.I.	% W.I.	% W.I.
1	10.4973	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	9.8174	6.2500	0.6136	0.0000	0.0000	0.0000	0.0000	0.0000
3	10.4397	6.2500	0.6524	0.0000	0.0000	0.0000	0.0000	0.0000
4	11.8253	6.2500	0.7391	0.0000	0.0000	0.0000	0.0000	0.0000
5	14.1890	6.2500	0.8869	0.0000	0.0000	0.0000	0.0000	0.0000
6	14.5888	6.2500	0.5118	0.0000	0.0000	0.0000	0.0000	0.0000
7	11.7158	6.2500	0.7322	0.0000	0.0000	0.0000	0.0000	0.0000
8	16.9277	6.2500	1.0580	0.0000	0.0000	0.0000	0.0000	0.0000
TOTAL	94.4061	5.5937	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000



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November 13, 1987

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555 - 330 Graham Avenue
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Attention: Mr. Bob Dubreuil

Dear Sir:

Re: Proposed Waskada Unit No. 14

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Our plans to include Lsd. 13-29, with re-entry and immediate completion as an injector, will be put on hold until a more appropriate time, especially with regard to installation of the required flowline.

Yours truly,

OMEGA HYDROCARBONS LTD.

R.A. Beamish
Joint Interest Coordinator

RAB/c1a

Enclosure

9451604 UNIT 14 TRACT PARTICIPATION - BASIC DATA

TRACT #	LAND DESCRIPTION	AREA (AC)	REC. TRACT	SW	ROI	PFI	187-07-30		CURRENT PRODUCTION		PRODUCTION PERIOD # 1		PRODUCTION PERIOD # 2	
							WATER	OIL	WATER	OIL	WATER	OIL	WATER	OIL
1	1-32-1-25-8PM	160.0000	16	0.25	0.40	1.17	1.03	326.5	81.3	159.0				
2	2-32-1-25-8PM	93.7500	15	0.25	0.40	1.17	1.00	379.9	94.9	308.1				
3	3-32-1-25-8PM	93.7500	16	0.25	0.40	1.17	1.31	2132.5	72.7	248.0				
4	4-32-1-25-8PM	93.7500	16	0.25	0.40	1.17	1.14	1366.2	118.4	167.4				
5	5-32-1-25-8PM	93.7500	16	0.25	0.40	1.17	1.11	5035.1	349.3	1050.2				
6	6-32-1-25-8PM	93.7500	15	0.25	0.40	1.17	1.22	2445.6	102.6	92.8				
7	7-32-1-25-8PM	93.7500	15	0.25	0.40	1.17	0.88	523.6	72.3	35.4				
8	8-32-1-25-8PM	93.7500	15	0.25	0.40	1.17	1.31	2348.7	191.0	46.6				
TOTALS:									20603	1082.5	2997.3	0	0.0	0.0

↑

WASKARA UNIT 14 TRACT FACTOR CALCULATIONS

REMAINING	RR OIL	OIL RATE	OIL CUT	OIL RATE	OIL CUT	FACT	TRACT	TRACT	LAND									
UNRECOVERABLE	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	FACTOR	DESCRIPTION
OIL (m ³)	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
21,043	6.1359	1.5342	2.4232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	10.4773	1	1	1-32-1-25 WPH
20,357	5.5427	2.1874	1.6853	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	9.8174	2	2	2-32-1-25 WPH
25,046	7.3079	1.5083	1.6225	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	10.4387	3	3	3-32-1-25 WPH
21,295	6.2105	2.6509	2.9648	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	11.8253	4	4	4-32-1-25 WPH
17,574	5.2503	7.1525	1.7862	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	14.1850	5	5	5-32-1-25 WPH
23,065	6.7279	3.8994	3.9505	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	14.5388	6	6	6-32-1-25 WPH
17,733	5.1742	1.7373	4.8043	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	11.7158	7	7	7-32-1-25 WPH
20,829	7.2446	3.9299	5.7532	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	16.5277	8	8	8-32-1-25 WPH
171,362	50.0000	25.0000	25.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	100.0000			

WASKADA UNIT 14 WORKING INTEREST OWNERSHIP BREAKDOWN

WORKING INTEREST OWNERS, THEIR SHARES IN EACH TRACT, AND THE RESULTING TOTAL WORKING INTERESTS

TRACT NUMBER	1	2	3	4	5	6	7	8
1	10.4573	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	9.8174	6.2500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	10.4387	6.2500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	11.8253	6.2500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	14.1870	6.2500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	14.5888	6.2500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7	11.7158	6.2500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8	16.9277	6.2500	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

1150.0000 | 94.4061 | 5.5937 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000
