

MICROFILMED
TO
HERE

June/79

COPY

M E M O R A N D U M

TO: Jim Brinker
FROM: W.W. Taylor
RE: Kaskattama

July 20th, 1967.

Formational names at Kaskattama differ from those on the printed Manitoba Government Form. These formations and tops are as follows:

K. B. 29.5'

DEVONIAN	Abitibi Formation	23' (7)
SILURIAN (Upper)	Kenogami Formation	423' (-393)
	Lower Kenogami	936' (-906)
SILURIAN (Middle)	Attawapiskat Formation	1076' (-1046)
	Kaskattama Formation	1291' (-1261)
SILURIAN (Lower)	Port Nelson Formation	1884' (-1854)
ORDOVICIAN	Red Head Rapids Formation	2191' (-2161)
	Caution Creek Formation	2601' (-2571)
	Portage Chute Formation	2687' (-2657)
	Basal Shale	2903' (-2873)
	Basal Sand	2907' (-2877)
PRECAMBRIAN		2912' (-2882)
T.D.		2941' (-2911)

Original signed by
W. W. Taylor

SOGEPET AQUIT KASKATTAMA PROV #1

ABANDONMENT PROGRAM

<u>Cement Plug #</u>	<u>Interval</u>	<u>Sax</u>	<u>C_aCl₂</u>	<u>Displacement</u>	<u>In Place @</u>
1.	2940'-2840'	6 Portland	-	13 Barrels	1345 Hrs. July 14, 1967
2.	1900'-1500'	24 Portland	2%	7 Barrels	1700 Hrs. July 14, 1967

Top of Plug #2 Found @ 1310', 0930 Hrs. July 15, 1967. Well commenced to flow water @ 1415 Hrs. July 15, 1967. Cement reached surface @ 1430 Hrs. Closed blind rams and squeezed formation to 900 Psi. Put away 2½ bbl. fluid over a 2 hr. period. Opened blind rams - well did not flow.

3.	1250'-1000'	14 Portland	1%	4 Barrels	2100 Hrs. July 15, 1967
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Felt Plug #3 @ 970' - 0330 Hrs. July 16, 1967

4.	60' - Surface	8 Portland	-	-	2200 Hrs. July 15, 1967
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Installed bolted flange, 2" valve and 8' riser on well. Rig released 2400 Hrs. July 15, 1967

Hole Diameter

3½" Casing Set At 1729'

2-5/16" Hole - Total Depth 2941'

COPY

RIG. NO. 14 LOCATION

DATE JULY 17

LOCATION

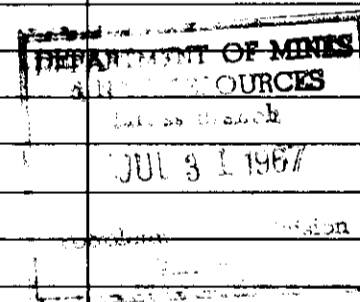
DATE 22 #

TOUR	MIDN.	T O	8 A.M.	4 P.M.	MIDN.	LF:	AF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	STRATIGRAPHIC LOG / PUMP TEST		CLASS	REMARKS	TIME							
																		FROM FT. / TIME	TO FT. / RATE IN 16PM			DESCRIPTION / DEPTH TO WATER IN FT.	START	STOP	INTERVAL				
1						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.										
						MUD				12MN.	2A.M.	4 A.M.	6 A.M.	PUMP				PUMP				SURVEY							
						WT.																							
						VISC.																							
						GEL.																							
						W.L.	F.C.	P.H.																					
						ADDITIVES: WATER				GALS.				W. TRUCK				WEATHER				MIDN. 4 A.M.							
						1.								MOB. PUMP				TEMPERATURE:											
						2.								GENERAL:				WIND VELOCITY:											
						3.												RAIN, SNOW, FOG, ETC.											
CREW TIME SUMMARY												DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS												
DRILLER																													
HELPER																													
HELPER																													
TOTAL																													
INJURIES AND REMARKS:																													
2						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.										
						MUD				8 A.M.	10A.M.	12 N ^o n	2 P.M.	PUMP				PUMP				SURVEY							
						WT.																							
						VISC.																							
						GEL.																							
						W.L.	F.C.	P.H.																					
						ADDITIVES: WATER				GALS.				W. TRUCK				WEATHER				8 A.M. NOON							
						1.								MOB. PUMP				TEMPERATURE:											
						2.								GENERAL:				WIND VELOCITY:											
						3.												RAIN, SNOW, FOG, ETC.											
CREW TIME SUMMARY												DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS												
DRILLER <u>C. KISSEL</u>												<u>9</u>																	
HELPER <u>M. BAINTON</u>												<u>9</u>																	
HELPER <u>B. ROBINSON</u>												<u>9</u>																	
HELPER <u>A. GUSE</u>												<u>9</u>																	
TOTAL <u>D. DAVIES</u>												<u>12</u>																	
INJURIES AND REMARKS:																													
load Bristol with drill pipe - load #3 took derrick down + draw work + pumps.																													
load Bristol load #4 (perforator framps) 1:30																													
DRILLER <u>C. Kissel</u>																													
3						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.										
						MUD				4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP				PUMP				SURVEY							
						WT.																							
						VISC.																							
						GEL.																							
						W.L.	F.C.	P.H.																					
						ADDITIVES: WATER				GALS.				W. TRUCK				WEATHER:				4 P.M. 8 A.M.							
						1.								MOB. PUMP				TEMPERATURE:											
						2.								GENERAL:				WIND VELOCITY:											
						3.												RAIN, SNOW, FOG, ETC.											
CREW TIME SUMMARY												DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS												
DRILLER <u>C. KISSEL</u>												<u>5</u>																	
HELPER <u>M. BAINTON</u>												<u>5</u>																	
HELPER <u>B. ROBINSON</u>												<u>5</u>																	
HELPER <u>A. GUSE</u>												<u>5</u>																	
TOTAL												<u>5</u>																	
INJURIES AND REMARKS:																													
dismantled equip. + chanced up leader.																													
DRILLER <u>C. Kissel</u>																													

RIG. NO. 14 LOCATION SOGEPET AQUIT KASKATTAMA PROV #1 DATE July 16/67 LOCATION DATE 2.2 #.

Main data table with columns for LT, LF, HOLE NO., FROM, TO, T.D., IF FIN., SIZE CASING, SET TO DEPTH, AMOUNT, SAC CEMENT, AVERAGE TIME PER LOAD OF W., LOST DRILL TIME WAIT ON WATER, STRATIGRAPHIC LOG, PUMP TEST, CLASS, REMARKS, TIME (START, STOP, INTERVAL).

Plug # 3
logged @ 3:30 P.M.
@ 970'



Plug #4 - 60'
to surface. 8
pls. neat
cement. Plug
down @ 10. P.M.
Installed valve & flange
shut valves

Released rig July
16/67 12 midnight
Ernie Schach
Borff Oil Ltd.

DRILLER C. Kissel

DRILLER C. Kissel

DRILLER C. Kissel

RIG. NO. 14

LOCATION SOGEPET AQUIT KASKATTAMA

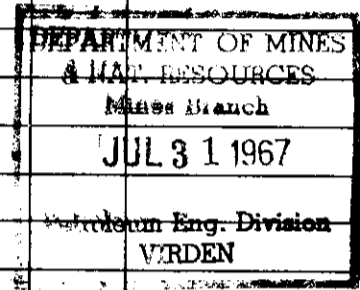
DATE July 15th/67

LOCATION DATE 21#

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER
AF:	AT:				2941						
MUD		12MN.	2A.M.	4A.M.	6A.M.	PUMP		PUMP		SURVEY	
WT.	VISC.		GEL.		W.L.		DRILL		WEATHER		MIDN. 4 A.M.
ADDITIVES: WATER		W. TRUCK		MOB. PUMP		GENERAL:		MOTOR HOURS		FUEL GALS.	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME	
DRILLER	C. KISSEL		8								TOTAL HOURS
HELPER	M. BANTON		8								8
HELPER	B. ROBINSON		8								8
TOTAL											
INJURIES AND REMARKS:											

STRATIGRAPHIC LOG	PUMP TEST
FROM FT. / TIME	TO FT. / RATE IN. 16PM
DESCRIPTION	DEPTH TO WATER IN FT.

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	OPEN blind runs	12:	12:15	1/4
	run on 4 1/2" +	12:15		
	tripout & lay down		3:00	2 3/4
	run on 4 1/2" +			
	tripout and lay down	3:00	7:30	4 1/2
	run on 2 1/2" lengths			
	fuel up	7:30	8:00	1/2



LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER
AF:	AT:				2941						
MUD		8 A.M.	10A.M.	12 N.A.	2 P.M.	PUMP		PUMP		SURVEY	
WT.	VISC.		GEL.		W.L.		DRILL		WEATHER		8 A.M. NOON
ADDITIVES: WATER		W. TRUCK		MOB. PUMP		GENERAL:		MOTOR HOURS		FUEL GALS.	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME	
DRILLER	Richardson		12								TOTAL HOURS
HELPER	Quise		12								8
HELPER	DAVIS		12								8
TOTAL											
INJURIES AND REMARKS:											

Felt for & found Plug No. 2 @ 1310 at 9:30 P.M.

Well started to flow @ 2:15 P.M.

Cement reached surface @ 2:30. Closed blind runs squeezed formation @ 900 lbs PSI. Squeezed back 2 1/4" but over 2 hr. period would not squeeze further.

Tomorrow: 14 killed well.

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	SETBACK RD	8:00	8:15	
	RUN IN HOLE TO FEEL FOR PLUG # 2	8:15	9:30	
	HOISTING & LAY DOWN PIPE	9:30		
	WELL FLOWED	2:00		
	PUMP TRU KILL LINES TO SOURCE PLUG		4:00	

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER
AF:	AT:				2941						
MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY	
WT.	VISC.		GEL.		W.L.		DRILL		WEATHER		4 P.M. 8 A.M.
ADDITIVES: WATER		W. TRUCK		MOB. PUMP		GENERAL:		MOTOR HOURS		FUEL GALS.	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME	
DRILLER	C. Kissel		4								TOTAL HOURS
HELPER	M. Banton		4								8
HELPER	B. Robinson		4								8
TOTAL											
INJURIES AND REMARKS:											

40 DOUBLES OFF PUMP RIGS 450' FROM TERRACE.

Plug # 3 down @ 9:00 P.M.

w/1/4" S&S cement + 1/2" each displaced 4 1/2" bits fluid 1250 - 1000 lbs WT. of slurry 14.2

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	PUMP TRU KILL LINE TO SOURCE PLUG DOWN	4:00		
	PICK UP DRILL PIPE & RUN IN OPEN END TO CEMENT	5:00		1
		8:00		3
	tripout & filled up hole	8:00	11:15	3 1/4
	closed blind runs	11:15	11:30	1/4
	clean out pumps	11:30	12:00	1/2

RIG. NO. 14

LOCATION SOGEPET AQUIT KASKATTAMA #1

DATE July 31/67

LOCATION.....

DATE 1967

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER		
AF:	AT:	1	2934	2941									
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
		6	2 1/2	BR	367	3500	50	7		3 3/4			
REAMER		RERUN				3500	50	7	3 3/4				
MUD		12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY			
WT.	5N	50	2934										
VISC.													
GEL.													
W.L.													
ADDITIVES: WATER													
1.													
2.													
3.													
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER	C. KISSEL		8									8	
HELPER			8										
HELPER			8										
TOTAL													
INJURIES AND REMARKS:													

STRATIGRAPHIC LOG 1

PUMP TEST

CLASS

REMARKS

96 stands
1 single
1765' upon Kelly

Core No. 107
2934-2941
Rec. 6.5' ft.

CLASS	REMARKS	TIME	START	STOP	INTERVAL
	trip on with c/bbl		12:00	1:30	1 1/2
	circ with last 2 stands + kelly		1:30	2:30	1
	circ on bottom +		2:30	3:45	1 1/2
	plast. cut core #107		3:45	7:30	3 3/4
	work on arrival		7:30	8:00	1/2
DRILLER C. Kissel					
COMPANY TIME		CONTR TIME			

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER		
AF:	AT:	1	2941	2941	2941								
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
MUD		8 A.M.	10 A.M.	12 N'n.	2 P.M.	PUMP		PUMP		SURVEY			
WT.													
VISC.													
GEL.													
W.L.													
ADDITIVES: WATER													
1.													
2.													
3.													
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER	Richardson		12									12	
HELPER	Cause		12										
HELPER	Davis		12										
TOTAL													
INJURIES AND REMARKS:													

STRATIGRAPHIC LOG 1

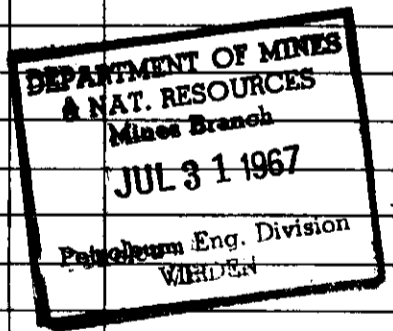
PUMP TEST

CLASS

REMARKS

WORK ON SWINGER SERVICE RIG MOVE SCHULMEISER EQUIP TO END OF CANYON HOISTING

CLASS	REMARKS	TIME	START	STOP	INTERVAL
	WORK ON SWINGER SERVICE RIG		8:00	8:30	1/2
	MOVE SCHULMEISER EQUIP TO END OF CANYON		8:30	8:45	1/4
	HOISTING		11:00	11:00	2 1/4
DRILLER					
COMPANY TIME		CONTR TIME			



LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER		
AF:	AT:				2941								
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY			
WT.													
VISC.													
GEL.													
W.L.													
ADDITIVES: WATER													
1.													
2.													
3.													
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER	C. Kissel		11									11	
HELPER	M. Beaton		11										
HELPER	B. Robinson		11										
TOTAL													
INJURIES AND REMARKS:													

STRATIGRAPHIC LOG 1

PUMP TEST

CLASS

REMARKS

REC. CORE AND 494 DOWN 876. 1307X SIGNL O.C.P. KELLY AND REAMER CHECK BEARING W/O ORDERS TRY TO REC CORE FROM TAPPED BBL

more weight material from mud pit.

interchange drill stem.

Start run in

CLASS	REMARKS	TIME	START	STOP	INTERVAL
	REC. CORE AND 494 DOWN 876.		4:00	4:30	1/2
	1307X SIGNL O.C.P. KELLY AND REAMER		4:30		
	CHECK BEARING W/O ORDERS		5:30		1
	TRY TO REC CORE FROM TAPPED BBL		5:30		
	more weight material from mud pit.		8:00	10:00	2
	interchange drill stem.		10:00	10:00	1
	Start run in		11:00	12:00	1
DRILLER					
COMPANY TIME		CONTR TIME			

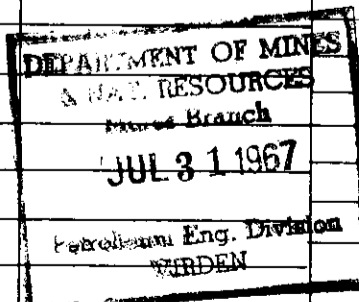
RIG. NO. 14

LOCATION SUGGET AGUIT KASKATTAMA #1

DATE July 10/67

LOCATION DATE # 16

TOUR	MIDN.	T O	LT:	LF:	HOLE NO.	FROM	TO	T. D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	CLASS	REMARKS	TIME		
			AF:	AT:													START	STOP	INTERVAL
1		8 A.M.	MUD 12 M. 4 A.M., 4 A.M., 6 A.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. LOG TO DEPTH 500 40 2555 SURVEY W. TRUCK MOB. PUMP GENERAL:												STRATIGRAPHIC LOG / PUMP TEST FROM FT. / TIME TO FT. / RATE 1/16 PM. DESCRIPTION / DEPTH TO WATER IN FT. Fuel on lease @ 8 A.M. 68 bbls. diesel 92 bbls gas	Hoisting machinery tool 12:00 1:30 1 1/2 Trip in well making bit 1:30 8:00 3 1/2 Core on bottom + started milling 5:00 8:00 3			
			BIT RECORD % LEFT COND. NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.																
			CREW TIME SUMMARY DRILLER C. KISSEL HELPER M. BANTON HELPER B. ROBINSON DRILLING AND OTHER RIG OPER. 8 PUMPTST 8 REPAIRS & MAINTENANCE 8 RIG UP OR TEAR DOWN 8 LOST TIME TRAVEL TIME 8 TOTAL HOURS 32																
			INJURIES AND REMARKS:																
			ADDITIVES: WATER GALS. 1. 2. 3.																
			W. TRUCK MOB. PUMP																
			W. L. F.C. P.H.																
			GEL.																
			VISC.																
			WT.																
2	8 A.M.	4 P.M.	MUD 8 A.M., 10 A.M., 12 N. 2 P.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. LOG TO DEPTH 500 95 2955 SURVEY W. TRUCK MOB. PUMP GENERAL:												94 STANDS 2 SINGLES	MILLING JUNK 8:00 11:00 3 HOISTING 11:00 2:00 3 MAKE UP CORE BBL 2:00 2:15 1/4 PACK UP CORE BBL 2:15 GET LAY DOWN 2 SINGLES 2:30 2:30 1/4 RUN IN HOLE AFTER BBL 2:30 4:00 1 1/2			
			BIT RECORD % LEFT COND. NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.																
			CREW TIME SUMMARY DRILLER Richardson HELPER Guss HELPER Davis DRILLING AND OTHER RIG OPER. 12 PUMPTST 12 REPAIRS & MAINTENANCE 12 RIG UP OR TEAR DOWN 12 LOST TIME TRAVEL TIME 12 TOTAL HOURS 36																
			INJURIES AND REMARKS:																
			ADDITIVES: WATER GALS. 1. 2. 3.																
			W. TRUCK MOB. PUMP																
			W. L. F.C. P.H.																
			GEL.																
			VISC.																
			WT.																
3	4 P.M.	MIDN.	MUD 4 P.M., 6 P.M., 8 P.M., 10 P.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. LOG TO DEPTH 500 50 2955 SURVEY W. TRUCK MOB. PUMP GENERAL:												Feet up on Kelly 14.85 beginning core # 103	Run in hole after BBL 4:00 5:15 1 1/4 BREAK CIRC + CIRC 5:15 5:30 1/4 CUT CORE # 103 5:30 12:00 6 1/2			
			BIT RECORD % LEFT COND. NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.																
			CREW TIME SUMMARY DRILLER C. KISSEL HELPER M. BANTON HELPER B. ROBINSON DRILLING AND OTHER RIG OPER. 4 PUMPTST 4 REPAIRS & MAINTENANCE 4 RIG UP OR TEAR DOWN 4 LOST TIME TRAVEL TIME 4 TOTAL HOURS 16																
			INJURIES AND REMARKS:																
			ADDITIVES: WATER GALS. 1. 2. 3.																
			W. TRUCK MOB. PUMP																
			W. L. F.C. P.H.																
			GEL.																
			VISC.																
			WT.																



DRILLER C. Kissel

TOTAL CONTRACT TIME _____ HRS. TOOLPUSHER OR DRILLER 1/6
 TOTAL COMPANY TIME _____ HRS. APPROVED BY _____

RIG. NO. 14

LOCATION SAGUENT ROUT. KASKATTAMA #1

DATE JULY 9/67

LOCATION.....

DATE #15

LT:	LF:	HOLE NO.	FROM	TO	T.D., IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER																																				
AF:	AT:		2875																																												
<table border="1"> <tr> <th>% LEFT</th> <th>COND</th> <th>NO.</th> <th>SIZE</th> <th>TYPE</th> <th>SER. NO.</th> <th>WEIGHT</th> <th>RPM</th> <th>FT. DRILLED</th> <th>REAMED</th> <th>HRS.</th> <th>FORM</th> <th>% LEFT</th> <th>COND.</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.																						
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FROM / TIME	TO / TIME	RATE IN 16 PM	DESCRIPTION	DEPTH TO WATER IN FT.

CLASS	REMARKS	START	STOP	INTERVAL
	trip out - no fish run on with new fishing tool. replace packing top of core bottom try to catch fish trip out	12:00	1:30	1 1/2
		1:30	4:15	2 3/4
		4:15	6:00	1 3/4
		6:00	8:00	2

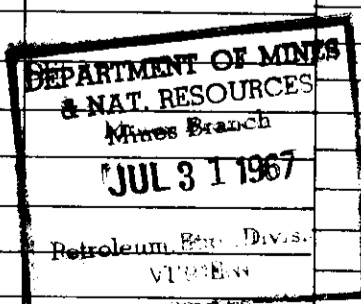
CLASS	REMARKS	START	STOP	INTERVAL
	CHANGE OIL IN MOTOR. Recovered core spring adapter Fishing tool run #3			

CLASS	REMARKS	START	STOP	INTERVAL
	DRILLER C. Kissel			

CLASS	REMARKS	START	STOP	INTERVAL
	SERVICE RIG - HOISTING APR. FISH OFF TOOL RUN IN HOLE w/ FISHING TOOL SPRING NEW DRAG LINE FISH HOISTING	8:00	8:30	1/2
		8:30	9:45	1 1/4
		9:45	10:00	1/4
		10:00	12:30	2 1/2
		12:30	3:00	2 1/2
		3:00	3:30	1/2
		3:30	4:00	1/2

CLASS	REMARKS	START	STOP	INTERVAL
	Recovered core spring FISH IN FOOT run #6			

CLASS	REMARKS	START	STOP	INTERVAL
	HOISTING RIG RUN IN HOLE w/ FISHING TOOL FISH IN FOOT run trip out	4:00	6:30	2 1/2
		6:30	9:30	3
		9:30	10:50	1
		10:50	12:00	1 1/2



DRILLER C. Kissel

TOTAL CONTRACT TIME _____ HRS. TOOLPUSHER OR DRILLER 1/2
 TOTAL COMPANY TIME _____ HRS. APPROVED BY _____

RIG. NO. 14

LOCATION SOGETET MOUNT KASKATTAMA #1

DATE July 6/67

LOCATION DATE #12

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER				
AF:	AT:	1	2885	2885											
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
RETAINER 1				2	2 3/4	0	462			159		6			
MUD		12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY					
WT.		VISC.		GEL.		DRILL		MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER	
WATER						124				600 40 2885		170		40 35	
W.L.		F.C.		P.H.		W. TRUCK		MOB. PUMP		RAIN, SNOW, FOG, ETC.		RAIN		RAIN	
ADDITIVES: WATER		GALS.		GENERAL:		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME	
1.		2.		3.		8								8	
TOTAL						8								8	

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER				
AF:	AT:														
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
TWIST OFF BIT #2 + RUNNER #1															
MUD		8 A.M.	10A.M.	12 N.M.	2 P.M.	PUMP		PUMP		SURVEY					
WT.		VISC.		GEL.		DRILL		MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER	
WATER						132				50 2885		170		8 A.M. NOON	
W.L.		F.C.		P.H.		W. TRUCK		MOB. PUMP		RAIN, SNOW, FOG, ETC.		CLR		RAIN	
ADDITIVES: WATER		GALS.		GENERAL:		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME	
1.		2.		3.		12								8	
TOTAL						12								8	

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER				
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TWIST OFF															
MUD		4 P.M.	6 P.M.	8 P.M.	10P.M.	PUMP		PUMP		SURVEY					
WT.		VISC.		GEL.		DRILL		MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER	
WATER						140				600 50 2885 - FISHING		170		4 P.M. 8 A.M.	
W.L.		F.C.		P.H.		W. TRUCK		MOB. PUMP		RAIN, SNOW, FOG, ETC.		CLDY CLDY			
ADDITIVES: WATER		GALS.		GENERAL:		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME	
1.		2.		3.		4								8	
TOTAL						4								8	

STRATIGRAPHIC LOG 1

PUMP TEST

FROM FT. / TIME

TO FT. / RATE IN 16PM

DESCRIPTION / DEPTH TO WATER IN FT.

Core #102

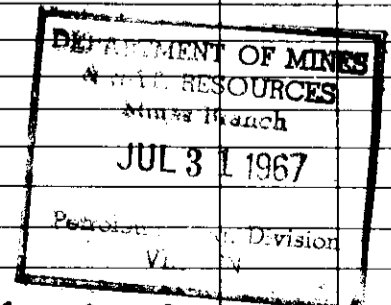
2880 - 2886

Rec. 5.8'

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	RECOVER CORE + LAY	12.00		
	DOWN BY BBL PICK			
	UP NW BBL	1.00	1.00	1
	RUN IN HOLE W/ CORE	1.00	4.30	3 1/2
	CIRC	4.30	4.45	1/4
	TRY TO START CORE	4.45	6.30	1 3/4
	NOIST JAMMED BBL	6.30	8.00	1 1/2
	PIPE MADE UP VERY TITE			

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	Service rig	9.00	9.15	1/4
	trip out jammed	9.15	12.15	3 1/4
	bit twisted off			
	run in with fishing	12.15	3.30	3 1/4
	circ	3.30	4.00	1/2

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	circ on bottom	4.00	4.30	1/2
	trip out - (no fish)	4.30	8.00	3 1/2
	SERVICE RIG.	8.00	8.15	1/4
	RUN IN FISHING TOOL	8.15	11.00	2 3/4
	CIRC. ON BOTTOM	11.00	11.15	1/4
	FISH	11.15	12.00	3/4

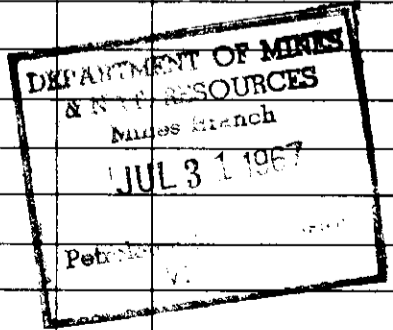


DRILLER Richardson

COMPANY TIME _____ CONTR TIME _____

RIG. NO. 14 LOCATION SOGEPET ADULT. KASKATTAMA #1 DATE JULY 2/67 LOCATION #8 DATE #8

Main data table with columns for LT, LF, HOLE NO., FROM, TO, T.D. IF FIN., SIZE CASING, SET TO DEPTH, AMOUNT, SAC CEMENT, AVERAGE TIME PER LOAD OF W., LOST DRILL TIME WAIT ON WATER, STRATIGRAPHIC LOG, PUMP TEST, CLASS, REMARKS, TIME (START, STOP, INTERVAL). Includes sections for TOUR 1, TOUR 2, TOUR 3, and TOUR 4.



RIG. NO. 14

LOCATION SOGKPT 00UIT KASKATAMA #1

DATE JUN 30/67

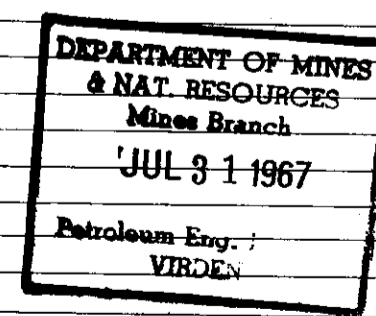
LOCATION

DATE # 6

TOUR	MIDN.	TO	8 A.M.	4 P.M.	MIDN.	TO	8 A.M.	4 P.M.	MIDN.	LOG										CLASS	REMARKS	TIME											
										START	STOP	INTERVAL																					
1										LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	PUMP TEST											
										AF:	AT:																						
										% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM						% LEFT	COND.	FROM FT./TIME	TO FT./TIME	RATE IN 15PM	DESCRIPTION	DEPTH TO WATER IN FT.
										MUD	12MN.	2A.M.	4 A.M.	6 A.M.																			
										WT.																							
										VISC.																							
										GEL.																							
										W.L.	F.C.	P.H.																					
										ADDITIVES: WATER																							
										1.																							
2										LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	PUMP TEST											
										AF:	AT:																						
										% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM						% LEFT	COND.	FROM FT./TIME	TO FT./TIME	RATE IN 15PM	DESCRIPTION	DEPTH TO WATER IN FT.
										MUD	8 A.M.	10A.M.	12 N'n.	2 P.M.																			
										WT.																							
										VISC.																							
										GEL.																							
										W.L.	F.C.	P.H.																					
										ADDITIVES: WATER																							
										1.																							
3										LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	PUMP TEST											
										AF:	AT:																						
										% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM						% LEFT	COND.	FROM FT./TIME	TO FT./TIME	RATE IN 15PM	DESCRIPTION	DEPTH TO WATER IN FT.
										MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.																			
										WT.																							
										VISC.																							
										GEL.																							
										W.L.	F.C.	P.H.																					
										ADDITIVES: WATER																							
										1.																							

CHANGE OIL IN R-14.

RIG UP, CHANGE ALL PIPE THREADS AND SUBS, FILL UP MUD TANK, INSTALL NEW CHAINS ON DRAWWORKS, WELDING & GUN, REPAIR, PRESSURE UP BLIND RAMS, W/O BAKER PUMP.



RIG. NO. *14*

LOCATION *SOGOPET ADULT KASKATTAMA #1*

DATE *JUNE 29/67*

LOCATION

DATE *05*

TOUR	MIDN.	TO	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	STRATIGRAPHIC LOG / PUMP TEST	CLASS	REMARKS	TIME					
			AF:	AT:														START	STOP	INTERVAL			
1	8 A.M.	TOUR	MUD 12MN, 2A.M., 4 A.M., 6 A.M.												PUMP			PUMP			SURVEY		
			WT.																				
			VISC.																				
			GEL.																				
			W.L.	F.C.	P.H.																		
			ADDITIVES: WATER	GALS.																			
			1.																				
			2.																				
			3.																				
			CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS												
DRILLER																							
HELPER																							
HELPER																							
TOTAL																							
INJURIES AND REMARKS:																							
2	8 A.M.	TOUR	MUD 8 A.M., 10A.M., 12 N'n, 2 P.M.												PUMP			PUMP			SURVEY		
			WT.																				
			VISC.																				
			GEL.																				
			W.L.	F.C.	P.H.																		
			ADDITIVES: WATER	GALS.																			
			1.																				
			2.																				
			3.																				
			CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS												
DRILLER	<i>T. RICHARDSON</i>		<i>10</i>																				
HELPER	<i>K. CURR</i>		<i>10</i>																				
HELPER	<i>M. BAINBRIDGE</i>		<i>10</i>																				
TOTAL																							
INJURIES AND REMARKS:			<i>RIG UP. NIPPLE UP. HOOK UP FLARE LINE LAY OUT HOSE & HOOK UP YELLOW DOG INSTALL SANDLINE DRUM. NO AIR CRACK W/O BAKER PUMP.</i>																				
3	4 P.M.	TOUR	MUD 4 P.M., 6 P.M., 8 P.M., 10 P.M.												PUMP			PUMP			SURVEY		
			WT.																				
			VISC.																				
			GEL.																				
			W.L.	F.C.	P.H.																		
			ADDITIVES: WATER	GALS.																			
			1.																				
			2.																				
			3.																				
			CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS												
DRILLER	<i>C. KISSER</i>		<i>10</i>																				
HELPER	<i>D. DAVIES</i>		<i>10</i>																				
HELPER	<i>B. ROBINSON</i>		<i>10</i>																				
TOTAL																							
INJURIES AND REMARKS:			<i>DEPARTMENT OF MINES & PETROLEUM RECORD</i>																				

RIG. NO. 14

LOCATION SOGAPUT ABOUT KASKATTAMA #1

DATE JUNE 28/67

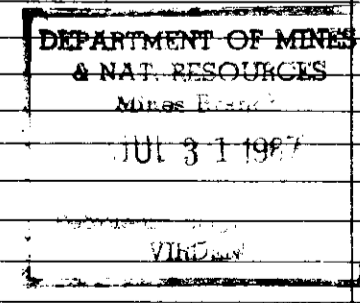
LOCATION

DATE #4

TOUR	MIDN.	TO	8 A.M.	4 P.M.	MIDN.	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	CLASS	REMARKS	TIME											
						AF:	AT:																START	STOP	INTERVAL						
1						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.												
						MUD		12MN.	2A.M.	4A.M.	6A.M.	PUMP		PUMP		SURVEY															
						WT.																									
						VISC.																									
						GEL.																									
						W.L.	F.C.																								
						ADDITIVES: WATER																									
						1.																									
						2.																									
						3.																									
CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																				
DRILLER																															
HELPER																															
HELPER																															
TOTAL																															
INJURIES AND REMARKS:																															
2						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.												
						MUD		8 A.M.	10A.M.	12 N ⁿ .	2 P.M.	PUMP		PUMP		SURVEY															
						WT.																									
						VISC.																									
						GEL.																									
						W.L.	F.C.																								
						ADDITIVES: WATER																									
						1.																									
						2.																									
						3.																									
CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																				
DRILLER																															
HELPER																															
HELPER																															
TOTAL																															
INJURIES AND REMARKS:																															
3						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.												
						MUD		4 P.M.	6 P.M.	8 P.M.	10P.M.	PUMP		PUMP		SURVEY															
						WT.																									
						VISC.																									
						GEL.																									
						W.L.	F.C.																								
						ADDITIVES: WATER																									
						1.																									
						2.																									
						3.																									
CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																				
DRILLER																															
HELPER																															
HELPER																															
TOTAL																															
INJURIES AND REMARKS:																															

RIG. OP. CHECK MUD PUMPS AND RIG IN GETN. REPAIR LINES CLEAN UP LEASE UN LOAD AIRCRAFT

DRILLER Richardson



RIG. NO. 14

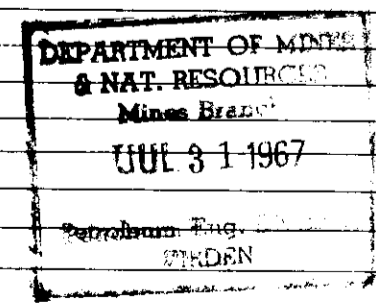
LOCATION SOGGET ADUIT. KASSKATTAMA #1

DATE JUNE 27/67

LOCATION

DATE # 3

TOUR	MIDN.	T O	LOG DATA												STRATIGRAPHIC LOG / PUMP TEST	CLASS	REMARKS	TIME		
			LT:	LF:	HOLE NO.	FROM	TO	T.D.IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER				FROM FT. / TIME	TO FT. /	RATE IN 16PM
1	8 A.M.	O	MUD 12MN. 2A.M. 4 A.M. 6 A.M. PUMP PUMP SURVEY																	
			WT. VISC. GEL. W.L. F.C. P.H. DRILL W. TRUCK MOB. PUMP																	
			ADDITIVES: WATER 1. 2. 3. GENERAL:																	
			CREW TIME SUMMARY																	
			DRILLER HELPER HELPER																	
			TOTAL																	
			INJURIES AND REMARKS:																	
			COMPANY TIME _____ CONTR TIME _____																	
			DRILLER																	
			REMARKS: START TRUCKS - MINOR TUNE-UP CLEAN UP LEASE WORK ON RIG TO FREE RUSTED CLUTCHES AND BRAKES UNLOAD AIRCRAFT.																	
2	8 A.M.	O	MUD 8 A.M. 10A.M. 12 N.A. 2 P.M. PUMP PUMP SURVEY																	
			WT. VISC. GEL. W.L. F.C. P.H. DRILL W. TRUCK MOB. PUMP																	
			ADDITIVES: WATER 1. 2. 3. GENERAL:																	
			CREW TIME SUMMARY																	
			DRILLER HELPER HELPER																	
			TOTAL																	
			INJURIES AND REMARKS:																	
			COMPANY TIME _____ CONTR TIME _____																	
			DRILLER Richardson																	
			REMARKS: START TRUCKS - MINOR TUNE-UP CLEAN UP LEASE WORK ON RIG TO FREE RUSTED CLUTCHES AND BRAKES UNLOAD AIRCRAFT.																	
3	4 P.M.	O	MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M. PUMP PUMP SURVEY																	
			WT. VISC. GEL. W.L. F.C. P.H. DRILL W. TRUCK MOB. PUMP																	
			ADDITIVES: WATER 1. 2. 3. GENERAL:																	
			CREW TIME SUMMARY																	
			DRILLER HELPER HELPER																	
			TOTAL																	
			INJURIES AND REMARKS:																	
			COMPANY TIME _____ CONTR TIME _____																	
			DRILLER																	
			REMARKS: START TRUCKS - MINOR TUNE-UP CLEAN UP LEASE WORK ON RIG TO FREE RUSTED CLUTCHES AND BRAKES UNLOAD AIRCRAFT.																	



RIG. NO. 14

LOCATION SOBEPET ABOUT KASIKATTAM #1

DATE Dec. 16/66

LOCATION.....

DATE # 92

TOUR	MIDN.	T.O.	8 A.M.	4 P.M.	MIDN.	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	STRATIGRAPHIC LOG / PUMP TEST	CLASS	REMARKS	TIME										
						AF:	AT:	START	STOP	INTERVAL																					
1						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.												
						MUD	12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY																
						WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	E LOG TO DEPTH												
						VISC.																									
						GEL.																									
						W. L.		F.C.		P.H.																					
						ADDITIVES: WATER																									
						1.																									
						2.																									
						3.																									
CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																				
DRILLER																															
HELPER																															
HELPER																															
TOTAL																															
INJURIES AND REMARKS:																															
WAITING ON DAYLIGHT																															
2						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.												
						MUD	8 A.M.	10A.M.	12 N'n.	2 P.M.	PUMP		PUMP		SURVEY																
						WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	E LOG TO DEPTH												
						VISC.																									
						GEL.																									
						W. L.		F.C.		P.H.																					
						ADDITIVES: WATER																									
						1.																									
						2.																									
						3.																									
CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																				
DRILLER																															
HELPER																															
HELPER																															
TOTAL																															
INJURIES AND REMARKS:																															
PUMPS 20 GALS FUEL 2000 GALS PUMPS 25 GALS FUEL IN HOLE + FLANGED TOP.																															
RIG DOWN																					8.00	6.00									
LOAD BRISTOL																															
DRILLER Richardson																															
3						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.												
						MUD	4 P.M.	6 P.M.	8 P.M.	10P.M.	PUMP		PUMP		SURVEY																
						WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	E LOG TO DEPTH												
						VISC.																									
						GEL.																									
						W. L.		F.C.		P.H.																					
						ADDITIVES: WATER																									
						1.																									
						2.																									
						3.																									
CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																				
DRILLER																															
HELPER																															
HELPER																															
TOTAL																															
INJURIES AND REMARKS:																															
WAITING ON DAYLIGHT																															
DRILLER																															
6.00 12.00																															

RIG. NO. 14

LOCATION SOGUPET ADUIT, KASAKA

DATE Dec. 13/66

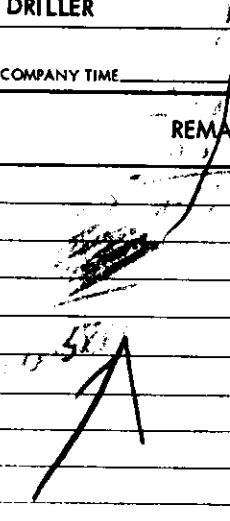
LOCATION.....

DATE 189

TOUR	MIDN.	TO	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	STRATIGRAPHIC LOG / PUMP TEST	CLASS	REMARKS	TIME			
			AF:	AT:															START	STOP	INTERVAL
1								2880									CIRC. - CONDITION MUD Quit on daylight	12.00	8.00		
2								2880									CIRC. HAUL WATER + PREPARE TO cement pipes Road work from camp (plug #1) PULL BACK TO 1780 TO RUN SECOND PLUG. CIRC PLUG #2 - 12 SAK HOIST PICK PULL TOP OF HOLE + BOP w/ FUEL	5.00	2.00		
3								2880									DRILLER C. MacVire				

Plug #1 from
1830 to 1880
Used 6 sacks
cement 15 PPG.
Plug down 3:35

Plug No 2
1880-1880
Used 12 sacks
Plug down at
7:45. 15 lb. g.



TOUR 1	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME ON WATER	
	AF:	AT:		2577	2580	2580							
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT
	MUD	12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY			
	WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.
	VISC.												
	GEL.												
	W.L.	F.C.	P.H.			DRILL					WEATHER	MIDN.	
	ADDITIVES: WATER	GALS.				W. TRUCK					TEMPERATURE:	20-	
	1.					MOB. PUMP					WIND VELOCITY:	5'	

TOUR 2	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME ON WATER	
	AF:	AT:				350							
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT
	MUD	8 A.M.	10A.M.	12 N.H.	2 P.M.	PUMP		PUMP		SURVEY			
	WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.
	VISC.												
	GEL.												
	W.L.	F.C.	P.H.			DRILL					WEATHER	8 A.M.	
	ADDITIVES: WATER	GALS.				W. TRUCK					TEMPERATURE:	35-	
	1.					MOB. PUMP					WIND VELOCITY:		

TOUR 3	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME ON WATER	
	AF:	AT:											
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT
	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY			
	WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.
	VISC.												
	GEL.												
	W.L.	F.C.	P.H.			DRILL					WEATHER:	4 P.M.	
	ADDITIVES: WATER	GALS.				W. TRUCK					TEMPERATURE:	35-	
	1.					MOB. PUMP					WIND VELOCITY:		

TOUR 1	STRATIGRAPHIC LOG	PUMP TEST	CLASS	REMARKS	START	STOP	INTERVAL
	TRIP IN CORE BBL				12:00	1:30	
	TRIP IN CORE BBL				1:30	2:30	
	TRIP IN CORE BBL				2:30	3:30	
	TRIP IN CORE BBL				3:30	4:30	
	TRIP IN CORE BBL				4:30	5:30	
	TRIP IN CORE BBL				5:30	6:30	
	TRIP IN CORE BBL				6:30	7:30	
	TRIP IN CORE BBL				7:30	8:30	
	TRIP IN CORE BBL				8:30	9:30	

TOUR 2	STRATIGRAPHIC LOG	PUMP TEST	CLASS	REMARKS	START	STOP	INTERVAL
	TRIP IN CORE BBL				5:00	1:00	
	TRIP IN CORE BBL				1:00	1:30	
	TRIP IN CORE BBL				1:30	2:00	
	TRIP IN CORE BBL				2:00	2:30	
	TRIP IN CORE BBL				2:30	3:00	
	TRIP IN CORE BBL				3:00	3:30	
	TRIP IN CORE BBL				3:30	4:00	
	TRIP IN CORE BBL				4:00	4:30	
	TRIP IN CORE BBL				4:30	5:00	

TOUR 3	STRATIGRAPHIC LOG	PUMP TEST	CLASS	REMARKS	START	STOP	INTERVAL
	TRIP IN CORE BBL				7:00	8:00	
	TRIP IN CORE BBL				8:00	9:00	
	TRIP IN CORE BBL				9:00	10:00	
	TRIP IN CORE BBL				10:00	11:00	
	TRIP IN CORE BBL				11:00	12:00	
	TRIP IN CORE BBL				12:00	1:00	
	TRIP IN CORE BBL				1:00	2:00	
	TRIP IN CORE BBL				2:00	3:00	
	TRIP IN CORE BBL				3:00	4:00	

TOUR	MIDN.	T.O.	8 A.M.	4 P.M.	MIDN.	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	STRATIGRAPHIC LOG / PUMP TEST	CLASS	REMARKS	TIME									
						AF:	AT:	2877																START	STOP	INTERVAL				
1						MUD 12MN. 2A.M. 4 A.M. 6 A.M.														PUMP		PUMP		SURVEY		HALL WATER MIX MUD	12.00	8.00		
						WT.																								
						VISC.																								
						GEL.																								
						W.L.																								
						ADDITIVES: WATER																								
						1. 25 SUX BONDING																								
						2. 3 SUX GASTE																								
						3. 1 SUX RD III																								
						CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS													
DRILLER	RICHARDSON					8					8																			
HELPER	MISSER					8					8																			
HELPER	BROWN					8					8																			
TOTAL											24																			
INJURIES AND REMARKS:																														
2						MUD 6 A.M. 10A.M. 12 N.M. 2 P.M.														PUMP		PUMP		SURVEY		DRILLER	8.00	9.30		
						WT.																								
						VISC.																								
						GEL.																								
						W.L.																								
						ADDITIVES: WATER																								
						1. 25 SUX BONDING																								
						2. 3 SUX GASTE																								
						3. 1 SUX RD III																								
						CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS													
DRILLER	MISSER					12					12																			
HELPER	MORROW					12					12																			
HELPER	MORROW					12					12																			
TOTAL											36																			
INJURIES AND REMARKS:																														
3						MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M.														PUMP		PUMP		SURVEY		DRILLER	4.00	5.30		
						WT.																								
						VISC.																								
						GEL.																								
						W.L.																								
						ADDITIVES: WATER																								
						1. 25 SUX BONDING																								
						2. 3 SUX GASTE																								
						3. 1 SUX RD III																								
						CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS													
DRILLER	RICHARDSON					12					12																			
HELPER	RICHARDSON					12					12																			
HELPER	JOHNSON					12					12																			
TOTAL											36																			
INJURIES AND REMARKS:																														

Case # 100.
2858 - 2877
Rec. 19.5/11

RIG. NO. 14

LOCATION SHELBY COUNTY, KENTUCKY #1

DATE Dec 5/66

LOCATION

DATE 1/5/67

TOUR	MIDN.	T	O	8 A.M.	4 P.M.	MIDN.	LT:	LF:	HOLE NO.	FROM	TO	T.D,IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	STRATIGRAPHIC LOG / PUMP TEST	CLASS	REMARKS	TIME										
							AF:	AT:	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM				% LEFT	COND.	DESCRIPTION / DEPTH TO WATER IN FT.	START	STOP	INTERVAL					
1				8 A.M.			1		2535																							
							MUD		12MN.	2A.M.	4A.M.	6A.M.	PUMP		PUMP		SURVEY															
							WT.											PRESS		RPM	DEPTH	PRESS		RPM	DEPTH	AT	DEG.					
							VISC.											MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT	WEATHER		MIDN.	4 A.M.							
							GEL.											DRILL		W. TRUCK		TEMPERATURE:		-7C								
							ADDITIVES: WATER												MOB. PUMP		WIND VELOCITY:		15									
							1.												GENERAL:		RAIN, SNOW, FOG, ETC.		CLDY									
							2.												DRILLING AND OTHER RIG OPER.		PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS							
							3.												DRILLER		HELPER		HELPER									
							TOTAL												DRILLER		HELPER		HELPER									
INJURIES AND REMARKS:																																
2	8 A.M.			4 P.M.			1		2838																							
							MUD		8 A.M.	10A.M.	12 N.H.	2 P.M.	PUMP		PUMP		SURVEY															
							WT.											PRESS		RPM	DEPTH	PRESS		RPM	DEPTH	AT	DEG.					
							VISC.											MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT	WEATHER		8 A.M.	NOON							
							GEL.											DRILL		W. TRUCK		TEMPERATURE:		5								
							ADDITIVES: WATER												MOB. PUMP		WIND VELOCITY:		15									
							1.												GENERAL:		RAIN, SNOW, FOG, ETC.		CLDY									
							2.												DRILLING AND OTHER RIG OPER.		PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS							
							3.												DRILLER		HELPER		HELPER									
							TOTAL												DRILLER		HELPER		HELPER									
INJURIES AND REMARKS:																																
3	4 P.M.			MIDN.			1		157																							
							MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY															
							WT.											PRESS		RPM	DEPTH	PRESS		RPM	DEPTH	AT	DEG.					
							VISC.											MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT	WEATHER:		4 P.M.	8 A.M.							
							GEL.											DRILL		W. TRUCK		TEMPERATURE:										
							ADDITIVES: WATER												MOB. PUMP		WIND VELOCITY:											
							1.												GENERAL:		RAIN, SNOW, FOG, ETC.											
							2.												DRILLING AND OTHER RIG OPER.		PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS							
							3.												DRILLER		HELPER		HELPER									
							TOTAL												DRILLER		HELPER		HELPER									
INJURIES AND REMARKS:																																

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON V.P.				
AF:	AT:	1	2853	2517											
BIT RECORD		% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
				110	2 7/8	C	5454	4000	65	37		24.4			
MUD		12MN.	2A.M.	4A.M.	6A.M.	PUMP		PUMP		SURVEY					
WT.		VISC.		GEL.		W.L.	F.C.	P.H.	DRILL	W. TRUCK	MOB. PUMP	WEATHER		MIDN.	
												TEMPERATURE: 20		WIND VELOCITY: 20	
ADDITIVES: WATER		1.		2.		3.		GENERAL:				RAIN, SNOW, FOG, ETC.		S.W.C.	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL			
DRILLER C. JOHNSON		8								8		8			
HELPER W. HUNTER		8								8		8			
HELPER K. SELL		8								8		8			
TOTAL										24		24			
INJURIES AND REMARKS:															

CLASS	REMARKS	START	STOP	INTERVAL
	CUT OFF CORE #97	12:00	3:00	8
	CORE #97			
	2500			
	DRILLER C. JOHNSON			
	COMPANY TIME			
	CONTR TIME			

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON V.P.				
AF:	AT:	1	2817	2819				2							
BIT RECORD		% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
				110	2 7/8	C	5454	4000	65	39		27			
MUD		8 A.M.	10 A.M.	12 N.H.	2 P.M.	PUMP		PUMP		SURVEY					
WT.		VISC.		GEL.		W.L.	F.C.	P.H.	DRILL	W. TRUCK	MOB. PUMP	WEATHER		8 A.M. NOON	
												TEMPERATURE: 20		WIND VELOCITY: 55	
ADDITIVES: WATER		1.		2.		3.		GENERAL:				RAIN, SNOW, FOG, ETC.		S.W.C.	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL			
DRILLER C. JOHNSON		12								12		12			
HELPER HENRY D. WALKER		12								12		12			
HELPER E. K. REEFER		12								12		12			
HELPER JIM C. BARN		8								8		8			
TOTAL										32		32			
INJURIES AND REMARKS:															

CLASS	REMARKS	START	STOP	INTERVAL
	CORE #97	9:00	10:15	24
	2500 @ 2819	10:15	11:00	45
	CUTTING CORE #97			
	CORE WAIT LOG			
	WIND TALL DOWN WIND			
	DRILLER C. JOHNSON			
	COMPANY TIME			
	CONTR TIME			

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON V.P.				
AF:	AT:	1	2517												
BIT RECORD		% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
MUD		4 P.M.	6 P.M.	8 P.M.	TOP M.	PUMP		PUMP		SURVEY					
WT.		VISC.		GEL.		W.L.	F.C.	P.H.	DRILL	W. TRUCK	MOB. PUMP	WEATHER		4 P.M. 8 A.M.	
												TEMPERATURE: 107		WIND VELOCITY: 55	
ADDITIVES: WATER		1.		2.		3.		GENERAL:				RAIN, SNOW, FOG, ETC.		S.W.C.	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL			
DRILLER J. JOHNSON		4								4		4			
HELPER W. HUNTER		4								4		4			
HELPER K. SELL		4								4		4			
TOTAL										12		12			
INJURIES AND REMARKS:															

CLASS	REMARKS	START	STOP	INTERVAL
	RECOVER CORE	4:00	9:00	5
	TRIP TO HOLE #10	9:00	11:45	2:45
	CORE #97			
	RECOVER CORE	11:45	12:00	15
	DRILLER C. JOHNSON			
	COMPANY TIME			
	CONTR TIME			

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER		
AF:	AT:	1	2777	2781				4					
BIT RECORD		% LEFT COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT COND.
			100	2 1/2	S						4 1/2		
MUD		12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY			
WT.		PRESS		RPM	DEPTH	PRESS		RPM	DEPTH	AT		DEG.	E LOG TO DEPTH
VISC.		550											
GEL.		MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		MIDN.		4 A.M.		
W.L.		F.C.		P.H.		DRILL		TEMPERATURE:		36-33			
ADDITIVES: WATER		GALS.		W. TRUCK		WIND VELOCITY:		15		15			
1.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		3:50 PM		CLEAR		CLEAR			
2.		GENERAL:											
3.		GENERAL:											
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTEST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER JENSEN		8										8	
HELPER BAUNTON		8										8	
HELPER KISSEL		8										8	
TOTAL												24	
INJURIES AND REMARKS:													

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER		
AF:	AT:	1	2781	2785				4					
BIT RECORD		% LEFT COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT COND.
			100	2 1/2	S	5455	400	56	8		9 1/2		
MUD		8 A.M.	10 A.M.	12 N.M.	2 P.M.	PUMP		PUMP		SURVEY			
WT.		PRESS		RPM	DEPTH	PRESS		RPM	DEPTH	AT		DEG.	E LOG TO DEPTH
VISC.		550											
GEL.		MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		8 A.M.		NOON		
W.L.		F.C.		P.H.		DRILL		TEMPERATURE:		6-5			
ADDITIVES: WATER		GALS.		W. TRUCK		WIND VELOCITY:		10		10			
1.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		CLEAR		CLEAR		CLEAR			
2.		GENERAL:											
3.		GENERAL:											
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTEST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER G.E. HARLEY		12										12	
HELPER HENRY D. LUR		12										12	
HELPER EUGENE DEFERO		12										12	
TOTAL												36	
INJURIES AND REMARKS:													

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER		
AF:	AT:	1	2785	2789				4					
BIT RECORD		% LEFT COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT COND.
			110	2 1/2	S	5454					4 1/2		
MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY			
WT.		PRESS		RPM	DEPTH	PRESS		RPM	DEPTH	AT		DEG.	E LOG TO DEPTH
VISC.		550											
GEL.		MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER:		4 P.M.		8 A.M.		
W.L.		F.C.		P.H.		DRILL		TEMPERATURE:		6		15	
ADDITIVES: WATER		GALS.		W. TRUCK		WIND VELOCITY:		10		15			
1.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		CLEAR		CLEAR		CLEAR			
2.		GENERAL:											
3.		GENERAL:											
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTEST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER C. JENSEN		4										4	
HELPER M. B. RINTEN		4										4	
HELPER C. KISSEL		4										4	
TOTAL												12	
INJURIES AND REMARKS:													

TOUR 1	TOUR 2	TOUR 3
1550-1950	2777-2785	2785-2789
270	270	270
300	300	300
350	400	450
200	100	100
100	145	145
115	145	145
145	411	411
800	615	615
615	645	645
645	715	715
715	815	815
815	845	845
845	1045	1045
1045	1130	1130
1130	1200	1200

CLASS	REMARKS	START	STOP	INTERVAL
	REWORK CUT FROM	1550	1950	1/2
	FINISH TRIPPING	270	300	1/2
	CUT CONCRETE	300	350	1/2
	CUT CONCRETE	350	400	1/2
	TRIP OUT (FIGHTS)	145	411	2/4
	TRIP IN	400	615	2/4
	REC. CURB	615	645	1/2
	SET C/BRL	645	715	1/2
	TRIP IN	715	815	2/4
	NIPERACE	815	845	1/2
	FINISH TRIPPING	845	1045	2/2
	PRIME PUMPS & CIRC.	1045	1130	3/4
	CUT CURB	1130	1200	1/2
DRILLER	J. Jensen			
COMPANY TIME				
CONTR. TIME				

RIG. NO.

LOCATION

LOCATION

DATE

TOUR	MUD														PUMP		PUMP		SURVEY		CLASS	REMARKS	TIME												
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE RATE PER LOAD OF	WAIT ON	WT.	VISC.	GEL.	DRILL	MOTOR HOURS	FUEL GALS.	NEXT OIL CHANGE AT	WEATHER			TEMPERATURE	WIND VELOCITY	RAIN, SNOW, FOG, ETC.	START	STOP	INTERVAL							
TOUR 1 MIDN. 8 A.M.	MUD 12MN, 2A.M., 4 A.M., 6 A.M.														PUMP		PUMP		SURVEY		DRILLER		12:00												
	W.T., VISC., GEL.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	W.L., F.C., P.H.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	ADDITIVES: WATER GALS.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	1. 2. 3.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	CREW TIME SUMMARY														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	DRILLER														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	HELPER														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	HELPER														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	TOTAL														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
INJURIES AND REMARKS:														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS											
TOUR 2 8 A.M. 4 P.M.	MUD 8 A.M., 10A.M., 12 N.H., 2 P.M.														PUMP		PUMP		SURVEY		DRILLER														
	W.T., VISC., GEL.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	W.L., F.C., P.H.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	ADDITIVES: WATER GALS.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	1. 2. 3.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	CREW TIME SUMMARY														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	DRILLER														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	HELPER														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	HELPER														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	TOTAL														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
INJURIES AND REMARKS:														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS											
TOUR 3 4 P.M. MIDN.	MUD 4 P.M., 6 P.M., 8 P.M., 10P.M.														PUMP		PUMP		SURVEY		DRILLER														
	W.T., VISC., GEL.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	W.L., F.C., P.H.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	ADDITIVES: WATER GALS.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	1. 2. 3.														DRILL		MOTOR HOURS		FUEL GALS.							NEXT OIL CHANGE AT		WEATHER		TEMPERATURE		WIND VELOCITY		RAIN, SNOW, FOG, ETC.	
	CREW TIME SUMMARY														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	DRILLER														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	HELPER														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	HELPER														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
	TOTAL														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE							RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS					
INJURIES AND REMARKS:														DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS											

RIG. NO. 11

LOCATION

LOCATION

DATE

TOUR	MUD													PUMP		PUMP		SURVEY		CLASS	REMARKS	TIME														
	WT.	VISC.	GEL.	W.L.	F.C.	P.H.	DRILL	MOTOR HOURS	FUEL GALS.	NEXT OIL CHANGE AT	WEATHER	MIDN.	4	START	STOP	INTERVAL																				
TOUR 1 MIDN. 8 A.M.	LT:	LF:	HOLE NO.	FROM	TO	T.D., IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	APRIC LOG / PUMP TEST		TO / DATE IN 10 AM		DESCRIPTION / DEPTH TO WATER IN FT.		CLASS	REMARKS	START	STOP	INTERVAL													
	AF:	AT:	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT																					
	MUD													12MN.	2A.M.	4 A.M.	6 A.M.	PUMP						PUMP		SURVEY										
	WT.													PRESS	RPM	DEPTH	PRESS	RPM						DEPTH	AT	DEG.										
	VISC.													MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT	WEATHER						MIDN.	4											
	GEL.													DRILL		TEMPERATURE:																				
	W.L.													F.C.		P.H.		W. TRUCK						TEMPERATURE:												
	ADDITIVES: WATER													GALS.		MOB. PUMP		WIND VELOCITY:																		
	1.													GENERAL:		RAIN, SNOW, FOG, ETC.																				
	2.													GENERAL:																						
3.													GENERAL:																							
CREW TIME SUMMARY													DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL																		
DRILLER																																				
HELPER																																				
HELPER																																				
TOTAL																																				
INJURIES AND REMARKS:																							DRILLER													
COMPANY TIME																							CONTR TIME													
TOUR 2 8 A.M.	LT:	LF:	HOLE NO.	FROM	TO	T.D., IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	APRIC LOG / PUMP TEST		TO / DATE IN 10 AM		DESCRIPTION / DEPTH TO WATER IN FT.		CLASS	REMARKS	START	STOP	INTERVAL													
	AF:	AT:	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT																					
	MUD													8 A.M.	10A.M.	12 N/A	2 P.M.	PUMP						PUMP		SURVEY										
	WT.													PRESS	RPM	DEPTH	PRESS	RPM						DEPTH	AT	DEG.										
	VISC.													MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT	WEATHER						8 A.M.												
	GEL.													DRILL		TEMPERATURE:																				
	W.L.													F.C.		P.H.		W. TRUCK						TEMPERATURE:												
	ADDITIVES: WATER													GALS.		MOB. PUMP		WIND VELOCITY:																		
	1.													GENERAL:		RAIN, SNOW, FOG, ETC.																				
	2.													GENERAL:																						
3.													GENERAL:																							
CREW TIME SUMMARY													DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL																		
DRILLER																																				
HELPER																																				
HELPER																																				
TOTAL																																				
INJURIES AND REMARKS:																							DRILLER													
COMPANY TIME																							CONTR TIME													
TOUR 3 4 P.M.	LT:	LF:	HOLE NO.	FROM	TO	T.D., IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	APRIC LOG / PUMP TEST		TO / DATE IN 10 AM		DESCRIPTION / DEPTH TO WATER IN FT.		CLASS	REMARKS	START	STOP	INTERVAL													
	AF:	AT:	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT																					
	MUD													4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP						PUMP		SURVEY										
	WT.													PRESS	RPM	DEPTH	PRESS	RPM						DEPTH	AT	DEG.										
	VISC.													MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT	WEATHER						4 P.M.												
	GEL.													DRILL		TEMPERATURE:																				
	W.L.													F.C.		P.H.		W. TRUCK						TEMPERATURE:												
	ADDITIVES: WATER													GALS.		MOB. PUMP		WIND VELOCITY:																		
	1.													GENERAL:		RAIN, SNOW, FOG, ETC.																				
	2.													GENERAL:																						
3.													GENERAL:																							
CREW TIME SUMMARY													DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL																		
DRILLER																																				
HELPER																																				
HELPER																																				
TOTAL																																				
INJURIES AND REMARKS:																							DRILLER													
COMPANY TIME																							CONTR TIME													

TOUR	MIDN.	T.O.	TIME	CLASS	REMARKS	TIME		
						START	STOP	INTERVAL
1	8 A.M.	T.O.	8 A.M.		Well making water at 1111 ft. One welder used as rig power plant broke down Only camp power plant operative.			
				LT: AF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT				
				BIT RECORD				
				MUD 12MN. 2A.M. 4 A.M. 6 A.M.				
				PUMP PUMP SURVEY				
				WT. VISC. GEL. W.L. F.C. P.H. ADDITIVES: WATER				
				DRILL W. TRUCK MOB. PUMP				
				WEATHER MIDN. 4 A.M.				
				TEMPERATURE: WIND VELOCITY: RAIN, SNOW, FOG, ETC.				
				GENERAL:				
CREW TIME SUMMARY								
DRILLER	DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS		
HELPER								
HELPER								
TOTAL								
INJURIES AND REMARKS:								
2	8 A.M.	T.O.	4 P.M.		DRILLER			
				LT: AF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT				
				BIT RECORD				
				MUD 8 A.M. 10A.M. 12 N.H. 2 P.M.				
				PUMP PUMP SURVEY				
				WT. VISC. GEL. W.L. F.C. P.H. ADDITIVES: WATER				
				DRILL W. TRUCK MOB. PUMP				
				WEATHER 8 A.M. NOON				
				TEMPERATURE: WIND VELOCITY: RAIN, SNOW, FOG, ETC.				
				GENERAL:				
CREW TIME SUMMARY								
DRILLER	DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS		
HELPER								
HELPER								
TOTAL								
INJURIES AND REMARKS:								
3	MIDN.	T.O.	MIDN.		DRILLER			
				LT: AF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT				
				BIT RECORD				
				MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M.				
				PUMP PUMP SURVEY				
				WT. VISC. GEL. W.L. F.C. P.H. ADDITIVES: WATER				
				DRILL W. TRUCK MOB. PUMP				
				WEATHER 4 P.M. 8 A.M.				
				TEMPERATURE: WIND VELOCITY: RAIN, SNOW, FOG, ETC.				
				GENERAL:				
CREW TIME SUMMARY								
DRILLER	DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS		
HELPER								
HELPER								
TOTAL								
INJURIES AND REMARKS:								

TOUR	MIDN.	T	O	L.T.	L.F.	HOLE NO.	FROM	TO	T, D, IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF	LOST DRILL TIME WAIT ON WATER	CLASS	REMARKS	TIME																
																		START	STOP	INTERVAL														
1	8 A.M.	T	O	AF:	AT:	1	2117										7 TO RATE IN 15 PM DESCRIPTION / DEPTH TO WATER IN FT.	PUMP TEST DEPTH TO WATER IN FT.																
				% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT							COND.											
				MUD	12MN.	2A.M.	4 A.M.	6 A.M.																										
				WT.																														
				VISC.																														
				GEL.																														
				W.L.	F.C.																													
				ADDITIVES: WATER																														
				1.																														
				2.																														
3.																																		
CREW TIME SUMMARY				DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																									
DRILLER	JENSON																																	
HELPER	JENSON																																	
HELPER	RHUE																																	
TOTAL																																		
INJURIES AND REMARKS:																		DRILLER																
																		COMPANY TIME		CONTR TIME	8													
2	8 A.M.	T	O	AF:	AT:	1	2117										CLASS REMARKS	CLASS REMARKS																
				% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT							COND.											
				MUD	8 A.M.	10 A.M.	12 N'n.	2 P.M.																										
				WT.																														
				VISC.																														
				GEL.																														
				W.L.	F.C.																													
				ADDITIVES: WATER																														
				1.																														
				2.																														
3.																																		
CREW TIME SUMMARY				DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																									
DRILLER	Bill Huxley																																	
HELPER	Henry Spahr																																	
HELPER	Bill Huxley																																	
TOTAL																																		
INJURIES AND REMARKS:																		DRILLER																
																		COMPANY TIME		CONTR TIME														
3	4 P.M.	T	O	AF:	AT:	1	2117										CLASS REMARKS	CLASS REMARKS																
				% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT							COND.											
				MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.																										
				WT.																														
				VISC.																														
				GEL.																														
				W.L.	F.C.																													
				ADDITIVES: WATER																														
				1.																														
				2.																														
3.																																		
CREW TIME SUMMARY				DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																									
DRILLER	Bill Huxley																																	
HELPER	Bill Huxley																																	
HELPER	Bill Huxley																																	
TOTAL																																		
INJURIES AND REMARKS:																		DRILLER																
																		COMPANY TIME		CONTR TIME														

RIG. NO.

LOCATION

SO. 42° 17' 17" N 102° 17' 17" W

DATE

LOCATION

DATE

TOUR 1	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD ON W.	LOST DRILL TIME WAIT ON WATER
	AF:	AT:	1	2777								
	MUD 12MN. 2A.M. 4 A.M. 6 A.M.											
	PUMP PUMP SURVEY											
	WT. PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. LOG TO 100 FT.											
	VISC. MOTOR HOURS FUEL GALS. NEXT OIL CHANGE AT WEATHER MIDN. 4 A.M.											
	GEL. DRILL W. TRUCK WIND VELOCITY: 20											
	W.L. F.C. P.H. RAIN, SNOW, FOG, ETC. 10											
	ADDITIVES: WATER GALS. MOB. PUMP GENERAL:											
	CREW TIME SUMMARY DRILLING AND OTHER RIG OPER. PUMPTST REPAIRS & MAINTENANCE RIG UP OR TEAR DOWN LOST TIME TRAVEL TIME TOTAL HOURS											

TOUR 2	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD ON W.	LOST DRILL TIME WAIT ON WATER
	AF:	AT:	1	2777								
	MUD 8 A.M. 10 A.M. 12 N.H. 2 P.M.											
	PUMP PUMP SURVEY											
	WT. PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. LOG TO 100 FT.											
	VISC. MOTOR HOURS FUEL GALS. NEXT OIL CHANGE AT WEATHER 8 A.M. NOON											
	GEL. DRILL W. TRUCK WIND VELOCITY: 10											
	W.L. F.C. P.H. RAIN, SNOW, FOG, ETC. 10											
	ADDITIVES: WATER GALS. MOB. PUMP GENERAL:											
	CREW TIME SUMMARY DRILLING AND OTHER RIG OPER. PUMPTST REPAIRS & MAINTENANCE RIG UP OR TEAR DOWN LOST TIME TRAVEL TIME TOTAL HOURS											

TOUR 3	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD ON W.	LOST DRILL TIME WAIT ON WATER
	AF:	AT:	1	2777								
	MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M.											
	PUMP PUMP SURVEY											
	WT. PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. LOG TO 100 FT.											
	VISC. MOTOR HOURS FUEL GALS. NEXT OIL CHANGE AT WEATHER 4 P.M. 8 A.M.											
	GEL. DRILL W. TRUCK WIND VELOCITY: 35											
	W.L. F.C. P.H. RAIN, SNOW, FOG, ETC. 10											
	ADDITIVES: WATER GALS. MOB. PUMP GENERAL:											
	CREW TIME SUMMARY DRILLING AND OTHER RIG OPER. PUMPTST REPAIRS & MAINTENANCE RIG UP OR TEAR DOWN LOST TIME TRAVEL TIME TOTAL HOURS											

TOUR 1	CLASS	REMARKS	TIME START	TIME STOP	TIME INTERVAL
		TRIPPING OUT	12:00	2:00	2:00
		...			
		...			
		...			
		...			
		...			
		...			
		...			
		...			

TOUR 2	CLASS	REMARKS	TIME START	TIME STOP	TIME INTERVAL
		...	12:00	1:00	1:00
		...			
		...			
		...			
		...			
		...			
		...			
		...			
		...			

TOUR 3	CLASS	REMARKS	TIME START	TIME STOP	TIME INTERVAL
		...	11:00	12:00	1:00
		...			
		...			
		...			
		...			
		...			
		...			
		...			
		...			

Handwritten notes in the center column, including "TRIPPING OUT", "TRUCK", "MOTOR HOURS", "FUEL GALS.", "NEXT OIL CHANGE AT", "WEATHER", "WIND VELOCITY", "RAIN, SNOW, FOG, ETC.", and "GENERAL".

Handwritten notes on the right side of the center column, including "By light, but back down", "shut heater down", "Clogged up, see welder for rig lights", and "DRILLER".

TOUR	MIDN.	T O	CLASS	REMARKS	TIME		
					START	STOP	INTERVAL
1		8 A.M.		TRIP TO CORE BARREL BREAK CORE CUT CORE #93 DRAIN DOWN & TRIP OUT	12:00	2:00	2
					2:00	2:30	30
BIT RECORD: % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT 9C 2 1/2 2 5458 4000 65 20 4 1/2					MUD 12MN. 2A.M. 4A.M. 6A.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. SURVEY 600 63 275 600 63 275		
CREW TIME SUMMARY: DRILLER JENSEN, HELPER BAINTON, HELPER ROWE DRILLING AND OTHER RIG OPER. 3, PUMPTEST 3, REPAIRS & MAINTENANCE 3, RIG UP OR TEAR DOWN 3, LOST TIME TRAVEL TIME 3, TOTAL 18					DRILLER JENSEN COMPANY TIME _____ CONTR TIME _____		

TOUR	MIDN.	T O	CLASS	REMARKS	TIME		
					START	STOP	INTERVAL
2	8 A.M.	4 P.M.		TRIP TO REC CORE #93 BREAK CORE BIT 4 REC 1 1/2 FT SEC CORE BARREL TRIP IN W/C BARREL REPLACE BARREL RE TRUCK WORK ON BARREL CLEAN EYE GLASSES TURNING TO W/C BARREL	5:00	10:00	1
					10:45	1:00	1/2
BIT RECORD: % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT 9C 2 1/2 2 5458 4000 65 20 4 1/2					MUD 8 A.M. 10A.M. 12 N.M. 2 P.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. SURVEY 450 57 275		
CREW TIME SUMMARY: DRILLER GEE HULLY, HELPER HENRY DILLER, HELPER EUGENE FORD, HELPER TIM COYNE DRILLING AND OTHER RIG OPER. 12, PUMPTEST 12, REPAIRS & MAINTENANCE 12, RIG UP OR TEAR DOWN 8, LOST TIME TRAVEL TIME 8, TOTAL 48					DRILLER GEE HULLY COMPANY TIME _____ CONTR TIME _____		

TOUR	MIDN.	T O	CLASS	REMARKS	TIME		
					START	STOP	INTERVAL
3	4 P.M.	9		FINISH IN PRIME PUMP & P.R. CUTTING CORE #94 TAKE WEIGHT INDICATOR OFF AND REPAIR CORE BARREL SAMPLING DRAIN DOWN & TRIP OUT WORK ON RIG LIGHTS WELD HOISTING CABLE TRIP OUT	4:00	4:15	1/4
					4:15	5:00	45
BIT RECORD: % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT 9C 2 1/2 2 5458 4000 65 20 7 1/2					MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. SURVEY 450 57 275		
CREW TIME SUMMARY: DRILLER JENSEN, HELPER BAINTON, HELPER ROWE DRILLING AND OTHER RIG OPER. 4, PUMPTEST 4, REPAIRS & MAINTENANCE 4, RIG UP OR TEAR DOWN 4, LOST TIME TRAVEL TIME 4, TOTAL 16					DRILLER JENSEN COMPANY TIME _____ CONTR TIME _____		

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT			
AF:	AT:	1	2709	2729										
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT
				8C	2 1/2	D	5464	4000		347		55		
MUD		12MN.	2A.M.	4A.M.	6A.M.	PUMP		PUMP		SURVEY				
WT.		VISC.		GEL.		WATER	WATER	575	62	2710				
W.L.		F.C.		P.H.		DRILL	W. TRUCK	MOTOR HOURS	FUEL GALS.	NEXT OIL CHANGE AT	WEATHER	MIDN.	TEMPERATURE:	25
ADDITIVES: WATER		GALS.		MOB. PUMP		WIND VELOCITY:		RAIN, SNOW, FOG, ETC.		CLEAN				
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL		
DRILLER		JENSEN		8								8		
HELPER		GOLK		8								8		
HELPER		MAGUIRE		8								8		
TOTAL														
INJURIES AND REMARKS:														

CLASS	REMARKS	START	STOP	INTERVAL
	CO CORRE # 91	12:00	3:45	3 1/2
	DRAIN DOWN	3:45	4:15	1/2
	TRIP TO REC # 91	4:15	5:15	1
	PUT NEW BIT IN	5:15	5:25	15
	FINISH TRIPPING OUT	5:45	7:00	1 1/2
	RECOVER CORE	7:00		
DRILLER				8
COMPANY TIME				
CONTR TIME				

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT			
AF:	AT:	1	2729	2733				4						
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT
				8C	2 1/2	D	5468	4000	60	351		80		
MUD		8 A.M.	10 A.M.	12 N.H.	2 P.M.	PUMP		PUMP		SURVEY				
WT.		VISC.		GEL.		SALT WATER	WATER	450	57	2730				
W.L.		F.C.		P.H.		DRILL	W. TRUCK	MOTOR HOURS	FUEL GALS.	NEXT OIL CHANGE AT	WEATHER	8 A.M.	NOON	
ADDITIVES: WATER		GALS.		MOB. PUMP		WIND VELOCITY:		RAIN, SNOW, FOG, ETC.		A. snow				
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL		
DRILLER		E.D. HULLY		12								12		
HELPER		HENRY OYLER		12								12		
HELPER		EUGENE DEFFORD		12								12		
TOTAL														
INJURIES AND REMARKS:														

CLASS	REMARKS	START	STOP	INTERVAL
	SEA 1/2 RAIL	8:00	8:30	1/2
	SEA RIG CK TO RIG	8:30	9:00	1/2
	SIRINE NEW ORLEANS	9:00	11:00	2
	PICKUP RAIL	11:00		
	TRIP IN WITH S.P.M.		12:30	1 1/2
	PUT WATER IN RIG	10:30	1:30	1
	FINISH TRIP IN	1:30	2:30	1
	PRIME PUMP	2:30		
	BACK UP RIG		2:45	1/4
	CUTTING CORE # 92	2:45	4:00	1 1/4
DRILLER				
COMPANY TIME				
CONTR TIME				

DEPARTMENT OF MINES & NAT. RESOURCES
Mines Branch
DEC 5 1966
Petroleum

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT			
AF:	AT:	1	2733	2748										
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT
				8C	2 1/2	D	5469	4000	60	366		87		
MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY				
WT.		VISC.		GEL.		SALT WATER	WATER	450	57	2735				
W.L.		F.C.		P.H.		DRILL	W. TRUCK	MOTOR HOURS	FUEL GALS.	NEXT OIL CHANGE AT	WEATHER:	4 P.M.	4 A.M.	
ADDITIVES: WATER		GALS.		MOB. PUMP		WIND VELOCITY:		RAIN, SNOW, FOG, ETC.		OK				
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL		
DRILLER		B. JENSEN		4								4		
HELPER		B. JENSEN		4								4		
HELPER		ROBE		4								4		
TOTAL														
INJURIES AND REMARKS:														

CLASS	REMARKS	START	STOP	INTERVAL
	CUTTING CORE # 92	4:00	6:45	2 1/4
	DRAIN DOWN	6:45	7:15	1/2
	TRIP TO REC # 92	7:15	8:00	45
	RIG SERVICE	8:00	8:15	15
	TEST FINISH TRIPPING OUT	8:15	10:30	2 1/4
	JOINTS VERY TIGHT			
	RECOVER CORE # 92	10:30		
	SERVICE RIG			
	CONE IMMERSION HARD		11:30	1
	TRIP IN TO REC # 93	11:30	12:00	1/2
DRILLER				
COMPANY TIME				
CONTR TIME				

TOUR	MUD LOG										PUMP TEST		CLASS	REMARKS	TIME						
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE RATE PER LOAD OF W.	LOST DRILL			TO RATE IN 16PM	DEPTH TO WATER IN FT.	START	STOP	INTERVAL		
1	AF:	AT:	1	2683	2684																
	BIT RECORD										PUMP TEST										
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT								
			30	2 1/2	4	5466	4000	65	307		7 1/2										
	MUD										PUMP		SURVEY								
	WT.	12MN.		2A.M.	4A.M.	6A.M.	PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.							
	VISC.	117					650	65													
	GEL.	WATER																			
	W.L.										MOTOR HOURS		FUEL GALS.		WEATHER		MIDN.				
	ADDITIVES: WATER										DRILL		TEMPERATURE:		WIND VELOCITY:		RAIN, SNOW, FOG, ETC.				
1.										W. TRUCK		30		30							
2.										MOB. PUMP											
3.										GENERAL:											
CREW TIME SUMMARY										DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL	
DRILLER J. EVENSEN										5								8			
HELPER BOWE										5								8			
HELPER M. BOURNE										5								8			
TOTAL										15								24			
INJURIES AND REMARKS:																					

TOUR	MUD LOG										PUMP TEST		CLASS	REMARKS	TIME						
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE RATE PER LOAD OF W.	LOST DRILL			TO RATE IN 16PM	DEPTH TO WATER IN FT.	START	STOP	INTERVAL		
2	AF:	AT:	1	2684	2709																
	BIT RECORD										PUMP TEST										
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT								
			30	2 1/2	4	5468	4000	60	329		7 1/4										
	MUD										PUMP		SURVEY								
	WT.	8 A.M.		10A.M.	12 N.H.	2 P.M.	PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.							
	VISC.	SALT WATER					450	57													
	GEL.	WATER																			
	W.L.										MOTOR HOURS		FUEL GALS.		WEATHER		8 A.M. N				
	ADDITIVES: WATER										DRILL		TEMPERATURE:		WIND VELOCITY:		RAIN, SNOW, FOG, ETC.				
1.										W. TRUCK		20		10							
2.										MOB. PUMP											
3.										GENERAL:											
CREW TIME SUMMARY										DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL	
DRILLER B.C. HUXLEY										12								12			
HELPER HENRY DYLLA										12								12			
HELPER EUGENE REEB										12								12			
TOTAL										36								36			
INJURIES AND REMARKS:																					

TOUR	MUD LOG										PUMP TEST		CLASS	REMARKS	TIME						
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE RATE PER LOAD OF W.	LOST DRILL			TO RATE IN 16PM	DEPTH TO WATER IN FT.	START	STOP	INTERVAL		
3	AF:	AT:	1	2709																	
	BIT RECORD										PUMP TEST										
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT								
			30	2 1/2	4	5468	4000														
	MUD										PUMP		SURVEY								
	WT.	4 P.M.		6 P.M.	8 P.M.	10 P.M.	PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.							
	VISC.	WATER																			
	GEL.	WATER																			
	W.L.										MOTOR HOURS		FUEL GALS.		WEATHER		4 P.M. B				
	ADDITIVES: WATER										DRILL		TEMPERATURE:		WIND VELOCITY:		RAIN, SNOW, FOG, ETC.				
1.										W. TRUCK		20		10							
2.										MOB. PUMP											
3.										GENERAL:											
CREW TIME SUMMARY										DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL	
DRILLER J. EVENSEN										4								4			
HELPER BOWE										4								4			
HELPER M. BOURNE										4								4			
TOTAL										12								12			
INJURIES AND REMARKS:																					

TOUR	MIDN.	MUD	HOLE NO.		T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	CLASS	REMARKS	TIME		
			LF:	AT:										START	STOP	INTERVAL
1			2654	2653									TAKE PUMP OFF	12:00		
			8 1/2	2 1/2	5465	272	69							2 CHECK VALVES	12:30	12:30
													COILING #87	12:30	5:30	5
													DRAIN DOWN 4 TRIPS	5:30	8:00	2 1/2

TOUR	MIDN.	MUD	HOLE NO.		T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	CLASS	REMARKS	TIME		
			LF:	AT:										START	STOP	INTERVAL
2		SALT WATER	1	2653	2669			16					FINISH OUT HOLE	8:00	8:30	1/2
			8C	2 3/4	5468	65	288	6 3/4	75					BREAK BIT & REC	8:30	8:45
													SEP O/BBL	8:45	9:05	1/4
													MAKEUP BIT	9:15		
													TRIP IN		10:15	1
													BREAK CIRC & CIRC	10:15	10:30	1/4
													CUTTING GEAR 88	10:30	3:30	1 1/2
													BREAK LINE FEBRUAN	3:30	3:00	1/4
													SCON			
													TRIP OUT TO SEC	3:00	4:00	1

TOUR	MIDN.	MUD	HOLE NO.		T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	CLASS	REMARKS	TIME		
			LF:	AT:										START	STOP	INTERVAL
3		WATER	1	2670	2653								FINISH OUT	4:00	5:00	1
			8C	2 3/4	5468	65	301	76						BREAK OFF BIT	5:00	
													REC BORE 16 FT		5:30	1/2
													SEP O/BBL	5:30	6:00	1/4
													TRIP IN W/O BBL	6:00	8:30	2 1/2
													CIRC SLATE	8:30	9:00	1/2
													C TO CORK #87	9:00	12:00	3

TOUR	MIDN.	T.O.	CLASS	REMARKS	TIME											
					START	STOP	INTERVAL									
1		B.A.M.	PUMP TEST	CORE #85 25 wet joints	12:00	5:00	5									
					5:00	5:30	30									
					5:30	5:45	15									
					5:45	6:15	30									
					6:15	7:45	1:30									
					MUD			12MN.	2A.M.	4A.M.	6A.M.					
					PUMP			PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG
					PUMP			550		2600						
					SURVEY											
					W.T.											
VISC.																
GEL.																
W.L.																
ADDITIVES: WATER																
1.																
2.																
3.																
CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.	PUMPTEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HRS.								
DRILLER			JENSEN													
HELPER			BOWE													
HELPER			MAGUIRE													
TOTAL			8:00													
INJURIES AND REMARKS:																
2		B.A.M.	PUMP TEST	REPAIRS FLAT (NEW)	8:00	8:30	1/2									
					9:30											
					10:00		1/2									
					10:00	10:15	1/4									
					10:15											
					MUD			8A.M.	10A.M.	12N.M.	2P.M.					
					PUMP			PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG
					PUMP			700		2625						
					SURVEY											
					W.T.											
VISC.																
GEL.																
W.L.																
ADDITIVES: WATER																
1.																
2.																
3.																
CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.	PUMPTEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HRS.								
DRILLER			C.C. HULLY													
HELPER			HENRY & JUB													
HELPER			EUGENE DEER													
TOTAL			12													
INJURIES AND REMARKS:																
3		B.A.M.	PUMP TEST	CUTTING CORE #86	4:00	5:30	1 1/2									
					5:30	6:00	30									
					6:00	6:10	10									
					6:10	8:00	1:50									
					8:00	8:45	45									
					MUD			4P.M.	6P.M.	8P.M.	10P.M.					
					PUMP			PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG
					PUMP			700		2620						
					SURVEY											
					W.T.											
VISC.																
GEL.																
W.L.																
ADDITIVES: WATER																
1.																
2.																
3.																
CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.	PUMPTEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HRS.								
DRILLER			JENSEN													
HELPER			BOWE													
HELPER			MAGUIRE													
TOTAL			4													
INJURIES AND REMARKS:																

TOUR 1	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DR. WAIT	PHIC LOG 1 PUMP TEST CLASS	REMARKS	TIME				
	AF:	AT:	1	2570	2575											START	STOP	INTERVAL	
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM			% LEFT				
	MUD	12MN.	2A.M.	4 A.M.	6 A.M.	PUMP	PUMP	PUMP	SURVEY										
	WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT			DEG.				
	VISC.					700	63	2575											
	GEL.																		
	W.L.																		
	ADDITIVES: WATER																		
	1.																		
2.																			
3.																			
CREW TIME SUMMARY													DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HRS	
DRILLER													8					8	
HELPER													8					8	
HELPER													8					8	
TOTAL																			
INJURIES AND REMARKS:																			

TOUR 2	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DR. WAIT	PHIC LOG 1 PUMP TEST CLASS	REMARKS	TIME				
	AF:	AT:	1	2575	2578											START	STOP	INTERVAL	
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM			% LEFT				
	MUD	8 A.M.	10A.M.	12 N.M.	2 P.M.	PUMP	PUMP	PUMP	SURVEY										
	WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT			DEG.				
	VISC.					700	63	2578											
	GEL.																		
	W.L.																		
	ADDITIVES: WATER																		
	1.																		
2.																			
3.																			
CREW TIME SUMMARY													DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HRS	
DRILLER													12					12	
HELPER													12					12	
HELPER													12					12	
TOTAL																			
INJURIES AND REMARKS:																			

TOUR 3	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DR. WAIT	PHIC LOG 1 PUMP TEST CLASS	REMARKS	TIME				
	AF:	AT:	1	2578	2594											START	STOP	INTERVAL	
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM			% LEFT				
	MUD	4 P.M.	6 P.M.	8 P.M.	10P.M.	PUMP	PUMP	PUMP	SURVEY										
	WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT			DEG.				
	VISC.					700	63												
	GEL.																		
	W.L.																		
	ADDITIVES: WATER																		
	1.																		
2.																			
3.																			
CREW TIME SUMMARY													DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HRS	
DRILLER													7					7	
HELPER													4					4	
HELPER													4					4	
TOTAL																			
INJURIES AND REMARKS:																			

TOUR 3	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DR. WAIT	PHIC LOG 1 PUMP TEST CLASS	REMARKS	TIME				
	AF:	AT:	1	2578	2594											START	STOP	INTERVAL	
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM			% LEFT				
	MUD	4 P.M.	6 P.M.	8 P.M.	10P.M.	PUMP	PUMP	PUMP	SURVEY										
	WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT			DEG.				
	VISC.					700	63												
	GEL.																		
	W.L.																		
	ADDITIVES: WATER																		
	1.																		
2.																			
3.																			
CREW TIME SUMMARY													DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HRS	
DRILLER													7					7	
HELPER													4					4	
HELPER													4					4	
TOTAL																			
INJURIES AND REMARKS:																			

TOUR 1
MIDN.
TOUR 2
8 A.M.
TOUR 3
4 P.M.
MIDN.

26 WET STP

BREAK CORE

DRILLER [Signature]

DRILLER [Signature]

TOUR 1	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	CLASS	REMARKS	TIME			
	AF:	AT:	1	2544	2556				12						START	STOP	INTERVAL	
	% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM			% LEFT			
			80	2 7/8	S405	5405	4m	65	176		3 3/4							
	MUD	12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY								
	WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT			DEG.			
	VISC.					550	60	2545										
	GEL.					MOTOR HOURS	FUEL GALS.	NEXT OIL CHANGE AT	WEATHER		MIDN.							
	W.L.	F.C.	P.H.			DRILL			TEMPERATURE:		0							
	ADDITIVES: WATER					W. TRUCK			WIND VELOCITY:		40							

CUT CORE #182
 DRAIN DRAIN TO TRIP
 TRIP OUT FOR CORE
 BRK BIT & REC COLLARS
 SERVICE CORE LOG
 BREAK BIT CEE
 LAY DOWN REC 20 FT
 SEP CORE & BLINDAGE
 WORK ON MOUNT PLANT
 4 BEILER

12:00 3:00 3
 3:00 3:30 1/2
 3:30
 5:15 1 3/4
 5:15
 1:00 1 1/4
 6:00
 8:00 2

DRILLER A.S. HANLEY
 COMPANY TIME _____ CONTR TIME _____

TOUR 2	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	CLASS	REMARKS	TIME			
	AF:	AT:	1	2536											START	STOP	INTERVAL	
	% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM			% LEFT			
			80	2 7/8	S405	5405	4000	65	176		3 1/4							
	MUD	8 A.M.	10 A.M.	12 N'n	2 P.M.	PUMP		PUMP		SURVEY								
	WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT			DEG.			
	VISC.																	
	GEL.					MOTOR HOURS	FUEL GALS.	NEXT OIL CHANGE AT	WEATHER		8 A.M.							
	W.L.	F.C.	P.H.			DRILL			TEMPERATURE:		0							
	ADDITIVES: WATER					W. TRUCK			WIND VELOCITY:		10							

WORK ON BEILER
 TAKE MAIN BEILER
 4 REPAIR 4 REPLACE
 HAD WATER

8:00 10:00 2
 10:00
 4:00 6

DRILLER E. J. JAMES
 COMPANY TIME _____ CONTR TIME _____

TOUR 3	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	CLASS	REMARKS	TIME			
	AF:	AT:	1	2556	2570										START	STOP	INTERVAL	
	% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM			% LEFT			
			80	2 7/8	S405	5405	4000	65	189		4 3/4							
	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY								
	WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT			DEG.			
	VISC.					700	63	2557										
	GEL.					MOTOR HOURS	FUEL GALS.	NEXT OIL CHANGE AT	WEATHER		4 P.M.							
	W.L.	F.C.	P.H.			DRILL			TEMPERATURE:		10+							
	ADDITIVES: WATER					W. TRUCK			WIND VELOCITY:		2							

WORK ON BEILER
 PICK UP CORE BRK
 TRIP IN
 BREAK CORE
 SETUP CLATCH & BEILER
 CUTTING CORE #83

4:00 5:30 1 1/2
 5:30
 7:30 8:15 1/2
 8:00 9:15 1 1/4
 8:15 12:00 3 3/4

CORE FROM
 @ 2556 - 2570

DRILLER A.S. HANLEY
 COMPANY TIME _____ CONTR TIME _____

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL WAIT ON							
AF:	AT:	1	2500	2516				16										
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT						
		80	2 1/2	◇	5468	4M	65	136		2 1/4								
MUD			12MN.	2A.M.	4A.M.	6A.M.	PUMP			PUMP			SURVEY					
WT.	VISC.		GEL.		W.L.		F.C.		P.H.		DRILL		W. TRUCK		MOB. PUMP		GENERAL:	
CREW TIME SUMMARY				DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS									
DRILLER <u>Geo. Huxley</u>				8				8	8									
HELPER <u>Henry Dyer</u>				8				8	8									
HELPER <u>Eugene DeFord</u>				8				8	8									
TOTAL									24									

INJURIES AND REMARKS:											
DRILLER <u>A. R. Huxley</u>											
COMPANY TIME _____ CONTR TIME _____											
TOTAL 8											

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL WAIT ON							
AF:	AT:	1	2516	2536														
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT						
		80	2 1/2	◇	5468	4M	65	156		3 1/4								
MUD			8 A.M.	10 A.M.	12 N.M.	2 P.M.	PUMP			PUMP			SURVEY					
WT.	VISC.		GEL.		W.L.		F.C.		P.H.		DRILL		W. TRUCK		MOB. PUMP		GENERAL:	
CREW TIME SUMMARY				DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS									
DRILLER <u>Cliff Jensen</u>				12				12	12									
HELPER <u>Denis Rowe</u>				12				12	12									
HELPER <u>Gary McBride</u>				12				12	12									
TOTAL									36									

TO	RATE IN 16PM	DESCRIPTION	DEPTH TO WATER IN FT.	CLASS	REMARKS	START	STOP	INTERVAL
					CUT CORE H.S.	12:00	3:15	3 1/4
					BREAK CORE OF DRAIN DOWN	3:15	3:45	1/2
					TRIP FOR CORE	3:45	6:00	2 1/4
					BRK BIT REC 20' CORE	6:00		
					SERVE CORE ODL		7:00	1
					BRK CORE BRK IN	7:00	8:00	1

INJURIES AND REMARKS:											
DRILLER <u>A. R. Huxley</u>											
COMPANY TIME _____ CONTR TIME _____											
TOTAL 8											

TO	RATE IN 16PM	DESCRIPTION	DEPTH TO WATER IN FT.	CLASS	REMARKS	START	STOP	INTERVAL
					CORE # 81			
					2516' - 2536'			
					TAKE SAND LINE	8:00		
					CATCH OFF SER BIT		9:45	1 3/4
					TRIP IN	9:45	10:15	1
					CORE	10:15	11:00	1/4
					CUT CORE # 81	11:00	1:15	5 1/4
					DRAIN DOWN	1:15	1:45	1/2
					TRIP FOR CORE	1:45	2:00	3/4
					REC CORE SER BAL	2:00	3:00	1

LT:	LF:	HOLE NO.	FROM	TO	T.D, IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT						
AF:	AT:	1	2458	2477				19									
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT			
		82		2458	47	5468	4M	65	97	206							
MUD		12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY							
WT.		PRESS		RPM	DEPTH	PRESS		RPM	DEPTH	AT		DEG.					
VISC.		MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		MIDN. 11 A.M.								
GEL.		DRILL		W. TRUCK		TEMPERATURE:		-20 -20									
W.L.		F.C.		P.H.		WIND VELOCITY:		10									
ADDITIVES: WATER		GALS.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		C-C									
1.		GENERAL:		CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL	
2.		DRILLER		GEO. HURLEY		8											
3.		HELPER		HENRY DYER		8											
TOTAL		HELPER		EUGENE DEFORD		8											
INJURIES AND REMARKS:																	

LT:	LF:	HOLE NO.	FROM	TO	T.D, IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT						
AF:	AT:	1	2477	2496													
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT			
		82		2477	5	5468	4M	65	116	2477							
MUD		8 A.M.	10 A.M.	12 N.H.	2 P.M.	PUMP		PUMP		SURVEY							
WT.		PRESS		RPM	DEPTH	PRESS		RPM	DEPTH	AT		DEG.					
VISC.		MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		8 A.M.								
GEL.		DRILL		W. TRUCK		TEMPERATURE:		-15									
W.L.		F.C.		P.H.		WIND VELOCITY:		20									
ADDITIVES: WATER		GALS.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		C-C									
1.		GENERAL:		CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL	
2.		DRILLER		CLIFF JENSEN		12											
3.		HELPER		DENIS ROSE		12											
TOTAL		HELPER		GRABY MAGUIRE		12											
INJURIES AND REMARKS:																	

LT:	LF:	HOLE NO.	FROM	TO	T.D, IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT						
AF:	AT:	1	2496	2500				4									
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT			
		82		2496	9	5468	4M	65	120	26							
MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY							
WT.		PRESS		RPM	DEPTH	PRESS		RPM	DEPTH	AT		DEG.					
VISC.		MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		4 P.M.								
GEL.		DRILL		W. TRUCK		TEMPERATURE:		-15									
W.L.		F.C.		P.H.		WIND VELOCITY:		5									
ADDITIVES: WATER		GALS.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		C-C									
1.		GENERAL:		CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL	
2.		DRILLER		GEO. HURLEY		4											
3.		HELPER		HENRY DYER		4											
TOTAL		HELPER		EUGENE DEFORD		4											
INJURIES AND REMARKS:																	

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	RUN IN	12:00	1:15	1 1/4
	CIRCULATE	1:15	1:30	1/4
	CUT CORE # 78	1:30	4:45	3 1/4
	BREAK CORE DOWN	4:45	5:15	1/2
	TRIP FOR CORE	5:15	7:30	2 1/2
	BREAK BT. REC CORE 19'	7:30	8:00	1/2
DRILLER <u>G.R. Hurley</u>				
COMPANY TIME		CONTR TIME		8
CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	RIG SERVICE & DR. SER	8:00	8:45	3/4
	TRIP IN TO CORE #79	8:45	11:00	2 1/4
	BREAK CIRCULATIONAL	11:00	11:15	1/4
	CUT CORE #79	11:15	3:30	2 1/4
	DRAIN DOWN	3:30	4:00	1/2
	TRIP FOR CORE	4:00	6:30	2 1/2
	RECOVER CORE #79	6:30		
	TROUBLE W/SWING IN BR.			
	ASSEMBLE	8:00		1/2
DRILLER <u>J.M.</u>				
COMPANY TIME		CONTR TIME		12
CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	PICK UP CORE BOX	8:00		
	RUN IN W/ SHANK		10:15	2 1/4
	BRK CORE #1 CORE	10:15	10:30	1/4
	CUT CORE #80	10:30	12:00	1 1/2
DRILLER <u>G.R. Hurley</u>				
COMPANY TIME		CONTR TIME		4

TOUR	MIDN.	T O	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	CLASS	REMARKS	TIME						
			AF:	AT:	1	2413	2423											START	STOP	INTERVAL			
1		8 A.M.	BIT RECORD: % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT 80 2 1/2" 4 5468 4m 70 43 11 1/4													PUMP TEST	GRAPHIC LOG / PUMP TEST TO FT. / RATE IN 10 PM / DESCRIPTION / DEPTH TO WATER IN FT.	CORE # 75	12:00	1:00	1		
			MUD 12MN. 2A.M. 4A.M. 6A.M.																PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. 550 65 75	BREAK CORE SEE ?	1:00		
			PUMP SURVEY																	DRAIN HOSE		1:30	1/2
			WT. VISC. GEL. W.L. F.C. P.H. ADDITIVES: WATER 1. 2. 3. W. TRUCK MOB. PUMP GENERAL:																	TRIP TO RECOVER CORE	1:30	4:00	2 1/2
			DRILL WEATHER MIDN. TEMPERATURE: -15																	BREAK BIT & RECOVER CORE	4:00	4:45	3/4
			W. TRUCK MOB. PUMP GENERAL:																	20' RECOVERED SEE C.B.	4:45	6:15	3
			CREW TIME SUMMARY																	TRIP IN	6:15	7:00	4/4
			DRILLER GEE HULLLEY 8																	BREAKS CIRCULATION	7:00	8:00	1
			HELPER HENRY DYSER 8																	CORE # 76			
			HELPER EUGENE DEFOED 8																				
TOTAL																							

TOUR	MIDN.	T O	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	CLASS	REMARKS	TIME						
			AF:	AT:	1	2423	2455											START	STOP	INTERVAL			
2		8 A.M.	BIT RECORD: % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT 80 2 1/2" 4 5468 4m 65 75 16 1/2													PUMP TEST	GRAPHIC LOG / PUMP TEST TO FT. / RATE IN 10 PM / DESCRIPTION / DEPTH TO WATER IN FT.	CORE # 76	8:00	10:30	2 1/2		
			MUD 8 A.M. 10A.M. 12 N.H. 2 P.M.																PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. 600 60 2423	2419 - 2435	10:30	11:15	3/4
			WT. VISC. GEL. W.L. F.C. P.H. ADDITIVES: WATER 1. 2. 3. W. TRUCK MOB. PUMP GENERAL:																	DRAIN DOWN - SERVICE BR.	11:15	2:00	2 3/4
			DRILL WEATHER 8 A.M. TEMPERATURE: 70																	TRIP OUT W/ CORE # 76	2:00	2:45	3/4
			W. TRUCK MOB. PUMP GENERAL:																	RECOVER CORE SERVICE BR.	2:45	5:00	2 1/2
			CREW TIME SUMMARY																	TRIP IN TO CORE # 77	5:00	5:45	3/4
			DRILLER CHIEF JENSEN 12																	BREAK CORE - WORK ON PUMP	5:45	8:00	2 1/4
			HELPER DENIS RESS 12																	CORE # 77			
			HELPER GARY MORGAN 12																				
			TOTAL																				
INJURIES AND REMARKS:																							

TOUR	MIDN.	T O	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST WAIT	CLASS	REMARKS	TIME						
			AF:	AT:	1	2455	2455											START	STOP	INTERVAL			
3		4 P.M.	BIT RECORD: % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT 80 2 1/2" 4 5468 4m 65 75													PUMP TEST	GRAPHIC LOG / PUMP TEST TO FT. / RATE IN 10 PM / DESCRIPTION / DEPTH TO WATER IN FT.	CORE # 77	8:00	8:30	1/2		
			MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M.																PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. 400 60 75	CUT CORE # 77	8:30	9:00	1/2
			WT. VISC. GEL. W.L. F.C. P.H. ADDITIVES: WATER 1. 2. 3. W. TRUCK MOB. PUMP GENERAL:																	DRAIN DOWN	9:00	11:30	2 1/2
			DRILL WEATHER 4 P.M. TEMPERATURE: 70																	TRIP TO RECOVER CORE	11:30	12:00	1/2
			W. TRUCK MOB. PUMP GENERAL:																	BREAK BIT RECOVER 20' CORE			
			CREW TIME SUMMARY																	& SERVICE BR.			
			DRILLER GEE HULLLEY 4																				
			HELPER HENRY DYSER 4																				
			HELPER EUGENE DEFOED 4																				
			TOTAL																				
INJURIES AND REMARKS:																							

TOUR	LOG													CLASS	REMARKS	TIME																				
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL WAIT ON	TO FT.			RATE IN 16PM	DESCRIPTION	DEPTH TO WATER IN FT.	START	STOP	INTERVAL															
1	AF:	AT:	1	2373	2377				4																											
	MUD			12MN.	2A.M.	4A.M.	6A.M.	PUMP		PUMP		SURVEY																								
	WT.			VISC.			GEL.			W.L.			F.C.			P.M.																				
	ADDITIVES: WATER			1.			2.			3.			DRILL			MOTOR HOURS			FUEL GALS.			NEXT OIL CHANGE AT			WEATHER			MIDN.								
	W. TRUCK			MOB. PUMP			GENERAL:			DRILL			MOTOR HOURS			FUEL GALS.			NEXT OIL CHANGE AT			WEATHER			MIDN.											
	WIND VELOCITY:			RAIN, SNOW, FOG, ETC.			TEMPERATURE:			W. TRUCK			MOB. PUMP			GENERAL:			DRILL			MOTOR HOURS			FUEL GALS.			NEXT OIL CHANGE AT			WEATHER			MIDN.		
	CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.			PUMPTST			REPAIRS & MAINTENANCE			RIG UP OR TEAR DOWN			LOST TIME TRAVEL TIME			TOTAL HOURS																	
	DRILLER			HELPER			HELPER																													
	TOTAL																																			

LOST CORE BIT IN HOLE

DRILLER J.P. Healy
COMPANY TIME _____ CONTR TIME _____

TOUR	LOG													CLASS	REMARKS	TIME																				
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL WAIT ON	TO FT.			RATE IN 16PM	DESCRIPTION	DEPTH TO WATER IN FT.	START	STOP	INTERVAL															
2	AF:	AT:	1	2377																																
	MUD			8A.M.	10A.M.	12N.H.	2P.M.	PUMP		PUMP		SURVEY																								
	WT.			VISC.			GEL.			W.L.			F.C.			P.M.																				
	ADDITIVES: WATER			1.			2.			3.			DRILL			MOTOR HOURS			FUEL GALS.			NEXT OIL CHANGE AT			WEATHER			8A.M.								
	W. TRUCK			MOB. PUMP			GENERAL:			DRILL			MOTOR HOURS			FUEL GALS.			NEXT OIL CHANGE AT			WEATHER			8A.M.											
	WIND VELOCITY:			RAIN, SNOW, FOG, ETC.			TEMPERATURE:			W. TRUCK			MOB. PUMP			GENERAL:			DRILL			MOTOR HOURS			FUEL GALS.			NEXT OIL CHANGE AT			WEATHER			8A.M.		
	CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.			PUMPTST			REPAIRS & MAINTENANCE			RIG UP OR TEAR DOWN			LOST TIME TRAVEL TIME			TOTAL HOURS																	
	DRILLER			HELPER			HELPER																													
	TOTAL																																			

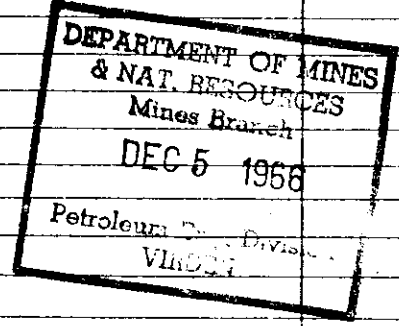
CHANGE OIL IN RIG TRUCK + PUMP

DRILLER C. Jensen
COMPANY TIME _____ CONTR TIME _____

TOUR	LOG													CLASS	REMARKS	TIME																				
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL WAIT ON	TO FT.			RATE IN 16PM	DESCRIPTION	DEPTH TO WATER IN FT.	START	STOP	INTERVAL															
3	AF:	AT:	1	2377	2380																															
	MUD			4P.M.	6P.M.	8P.M.	10P.M.	PUMP		PUMP		SURVEY																								
	WT.			VISC.			GEL.			W.L.			F.C.			P.M.																				
	ADDITIVES: WATER			1.			2.			3.			DRILL			MOTOR HOURS			FUEL GALS.			NEXT OIL CHANGE AT			WEATHER			4P.M.								
	W. TRUCK			MOB. PUMP			GENERAL:			DRILL			MOTOR HOURS			FUEL GALS.			NEXT OIL CHANGE AT			WEATHER			4P.M.											
	WIND VELOCITY:			RAIN, SNOW, FOG, ETC.			TEMPERATURE:			W. TRUCK			MOB. PUMP			GENERAL:			DRILL			MOTOR HOURS			FUEL GALS.			NEXT OIL CHANGE AT			WEATHER			4P.M.		
	CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.			PUMPTST			REPAIRS & MAINTENANCE			RIG UP OR TEAR DOWN			LOST TIME TRAVEL TIME			TOTAL HOURS																	
	DRILLER			HELPER			HELPER																													
	TOTAL																																			

DRILLED FROM 2377-2380 WHILE FISHING.

DRILLER J.P. Healy
COMPANY TIME _____ CONTR TIME _____



4.

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER				
AF:	AT:	1	2314	2330				16							
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
MUD		12MN.	2A.M.	4 A.M.	6 A.M.										
PUMP		WT.	300	40	2310										
SURVEY		W.L.	F.C.	P.H.											
W. TRUCK		W. TRUCK													
MOB. PUMP		MOB. PUMP													
GENERAL															
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS								
DRILLER		8					8								
HELPER		8					8								
HELPER		8					8								
TOTAL															
INJURIES AND REMARKS:															

PUMP TEST	CLASS	REMARKS	TIME		
			START	STOP	INTERVAL
		FINISH RUN IN	1200	1230	1/4
		ONTHAW BY PASS HOSE	1230	1245	1/4
		BREAK CIRC & CIRC	1245	100	1/4
		CORING #70	100	800	7

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER				
AF:	AT:	1	2330	2333											
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
MUD		8 A.M.	10 A.M.	12 N.M.	2 P.M.										
PUMP		WT.	300	40	2340										
SURVEY		W.L.	F.C.	P.H.											
W. TRUCK		W. TRUCK													
MOB. PUMP		MOB. PUMP													
GENERAL															
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS								
DRILLER		12					12								
HELPER		12					12								
HELPER		12					12								
TOTAL															
INJURIES AND REMARKS:															

PUMP TEST	CLASS	REMARKS	TIME		
			START	STOP	INTERVAL
		CUT CORE #70	8:30	9:30	1 1/2
		DRAWDOWN & SERVICE	9:30		
		RIG TRIP OUT CORE #70	10:15	10:15	1/3
		RECOVER COAL & SAND	1:15		
		BARREL	2:30	2:30	1/4
		TRIP IN BARREL	2:30	4:00	1 1/2

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER				
AF:	AT:	1	2333	2350				17							
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.										
PUMP		WT.	300	40	2340										
SURVEY		W.L.	F.C.	P.H.											
W. TRUCK		W. TRUCK													
MOB. PUMP		MOB. PUMP													
GENERAL															
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS								
DRILLER		4					4								
HELPER		4					4								
HELPER		4					4								
TOTAL															
INJURIES AND REMARKS:															

PUMP TEST	CLASS	REMARKS	TIME		
			START	STOP	INTERVAL
		FINISH TRIPPING IN	4:00	4:45	3/4
		BREAK CIRC	4:45	5:15	1/2
		COILING #71	5:15	10:15	5
		DRAWDOWN	10:10		
		HACK UP HELI FALL LINE		11:00	3/4
		TRIP TO RECOVER CORE	11:00	12:00	1

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF ...	LOST DRILL TIME WAIT ON WATER												
AF:	AT:	1	2295	2296				1															
BIT RECORD		% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.								
				7C	2 3/4	Ø	5458	2000	55	1		10			CON								
MUD		12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY													
WT.		VISC.		GEL.		PRESS		RPM		DEPTH		PRESS		RPM		DEPTH		AT		DEG.		LOG TO 10 FT	
						300		40															
W.L.		F.C.		P.H.		DRILL		MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER		MIDN.		4 A.M.					
														16-		16-							
ADDITIVES: WATER		GALS.		W. TRUCK		MOB. PUMP		GENERAL		WEATHER		MIDN.		4 A.M.									
														16-		16-							
1.		2.		3.		GENERAL																	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS											
DRILLER		8		8		8		8		8		8		8		8		8		8		8	
HELPER		8		8		8		8		8		8		8		8		8		8		8	
HELPER		8		8		8		8		8		8		8		8		8		8		8	
TOTAL		8		8		8		8		8		8		8		8		8		8		8	
INJURIES AND REMARKS:																							

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF ...	LOST DRILL TIME WAIT ON WATER												
AF:	AT:	1	2296	2314																			
BIT RECORD		% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.								
				7C	2 3/4	Ø	5458	3500	55	57		12			CON								
MUD		8 A.M.	10 A.M.	12 N.H.	2 P.M.	PUMP		PUMP		SURVEY													
WT.		VISC.		GEL.		PRESS		RPM		DEPTH		PRESS		RPM		DEPTH		AT		DEG.		LOG TO 10 FT	
						300																	
W.L.		F.C.		P.H.		DRILL		MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER		8 A.M.		NOON					
														-16		10-							
ADDITIVES: WATER		GALS.		W. TRUCK		MOB. PUMP		GENERAL		WEATHER		8 A.M.		NOON									
														-16		10-							
1.		2.		3.		GENERAL																	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS											
DRILLER		12		12		12		12		12		12		12		12		12		12		12	
HELPER		12		12		12		12		12		12		12		12		12		12		12	
HELPER		12		12		12		12		12		12		12		12		12		12		12	
TOTAL		12		12		12		12		12		12		12		12		12		12		12	
INJURIES AND REMARKS:																							

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF ...	LOST DRILL TIME WAIT ON WATER												
AF:	AT:																						
BIT RECORD		% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.								
MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY													
WT.		VISC.		GEL.		PRESS		RPM		DEPTH		PRESS		RPM		DEPTH		AT		DEG.		LOG TO 10 FT	
W.L.		F.C.		P.H.		DRILL		MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER:		4 P.M.		8 A.M.					
														15-		10-							
ADDITIVES: WATER		GALS.		W. TRUCK		MOB. PUMP		GENERAL		WEATHER:		4 P.M.		8 A.M.									
														15-		10-							
1.		2.		3.		GENERAL																	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS											
DRILLER		4		4		4		4		4		4		4		4		4		4		4	
HELPER		4		4		4		4		4		4		4		4		4		4		4	
HELPER		4		4		4		4		4		4		4		4		4		4		4	
TOTAL		4		4		4		4		4		4		4		4		4		4		4	
INJURIES AND REMARKS:																							

CLASS	REMARKS	TIME START	TIME STOP	TIME INTERVAL
	RIG SER	1214	1215	1/4
	HOIST			
	BREAK OFF CORE HOIST	1215		
	UP HOIST FILLING LINE		1230	1/4
	HOIST OUT WITH C/BBL	1230	130	1
	WORK ON PIPE PLUG	130	200	1/2
	HOIST CORE BBL	200	400	2
	BREAK DOWN C/BBL	400		
	RECOVER 19 FT CORE		445	3/4
	SER BBL	445	500	1/4
	RUN IN W/C BBL	500	715	2 1/4
	BREAK CIRC BBL CIRC BBL	715	730	1/4
	CUTTING CORE #69	730	800	1/2
DRILLER	<i>A. Humley</i>			
COMPANY TIME				
CONTR TIME				

CLASS	REMARKS	TIME START	TIME STOP	TIME INTERVAL
	CNT CORE # 69	8:00	2:30	6 1/2
	DRAIN DOWN # 19	2:30		
	SERVICE		3:00	1/2
	WORK ON WATER TRUCK	3:00		
	HAUL WATER		5:00	2
	WELD HOISTING PLUG	5:00	5:30	1/2
	TRIP UP CORE # 69	5:30	9:00	3 1/2
	BREAK DOWN C/BBL	9:00		
	RECOVER CORE			
	SER CORE BBL		10:00	1
	RUN IN W/C BBL	10:00	12:00	2
DRILLER	<i>J. Jensen</i>			
COMPANY TIME				
CONTR TIME				8

CLASS	REMARKS	TIME START	TIME STOP	TIME INTERVAL
	WELD HOISTING PLUG	5:00	5:30	1/2
	TRIP UP CORE # 69	5:30	9:00	3 1/2
	BREAK DOWN C/BBL	9:00		
	RECOVER CORE			
	SER CORE BBL		10:00	1
	RUN IN W/C BBL	10:00	12:00	2
DRILLER	<i>A. Humley</i>			
COMPANY TIME				
CONTR TIME				

ORE NO 69
2295-2294

9-2294-2294

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	WATER				
AF:	AT:	1	2152	2150											
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	
				6C	2 7/8	C	2367	3000	55	85		17 1/2			
MUD		12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY					
WT.						PRESS		RPM		DEPTH		AT		DEG.	
VISC.															
GEL.		WATER													
W.L.		F.C.		P.H.		DRILL		MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER	
ADDITIVES: WATER						W. TRUCK						TEMPERATURE: -20		MIDN.	
1.						MOB. PUMP						WIND VELOCITY: 35		RAIN, SNOW, FOG, ETC. CLR	
2.						GENERAL									
3.															
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL			
DRILLER		RICHARDSON		8											
HELPER		WISSER		8											
HELPER		BAINSON		8											
TOTAL															
INJURIES AND REMARKS:															

CLASS	REMARKS	START	STOP	INTERVAL
	Run in hole w/ core BBL	12.00	12.15	
	BROWN CORE	12.15	12.45	
	CUT CORE # 62	12.45	5.00	
CORE # 62 2152-2142 9.1				
DRILLER				
COMPANY TIME				
CONTR TIME				

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	WATER				
AF:	AT:	1	2180	2180											
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	
				6C	2 7/8	C	2367	3000	55	2182		19			
				HC	2 7/8	C	5420								
MUD		8 A.M.	10A.M.	12 N.M.	2 P.M.	PUMP		PUMP		SURVEY					
WT.						PRESS		RPM		DEPTH		AT		DEG.	
VISC.															
GEL.		WATER													
W.L.		F.C.		P.H.		DRILL		MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER	
ADDITIVES: WATER						W. TRUCK						TEMPERATURE: 30		8 A.	
1.						MOB. PUMP						WIND VELOCITY: 15		RAIN, SNOW, FOG, ETC. CLR	
2.						GENERAL									
3.															
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL			
DRILLER		JENSEN?													
HELPER		ROWE													
HELPER		MAGUIRE													
TOTAL															
INJURIES AND REMARKS:															

CLASS	REMARKS	START	STOP	INTERVAL
	CUT CORE # 62	8.45	8.75	1/4
	DRAW DOWN 4 RIGS	8.75		
	SERVICE	9.45		1
	TRIP OUT CORE	9.45	12.45	3
	RECOVER CORE & SERVICE	12.45		
	30 FT BARREL	2.15		1 1/2
	TRIP IN CORE BARREL	2.15	4.00	1 3/4
	WIPER ON CATCH	4.00	4.30	1/2
	TRIP IN	4.30	5.30	1
	RUNNING BOTTOM	5.30		
	PULLING UP BIT STRIPES	6.30		1/2
	CEMENTING	5.30		
	Catch	6.00		
DRILLER				
COMPANY TIME				
CONTR TIME				

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	WATER				
AF:	AT:	1	2182	2180											
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	
				4C	2 7/8	C	5470	3.400	55	80		12 1/2			
MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY					
WT.						PRESS		RPM		DEPTH		AT		DEG.	
VISC.															
GEL.		WATER													
W.L.		F.C.		P.H.		DRILL		MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER	
ADDITIVES: WATER						W. TRUCK						TEMPERATURE: -10		4 P.	
1.						MOB. PUMP						WIND VELOCITY: 15		RAIN, SNOW, FOG, ETC. CLR	
2.						GENERAL									
3.															
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL			
DRILLER		RICHARDSON		4											
HELPER		BAINSON		4											
HELPER		WISSER		4											
TOTAL															
INJURIES AND REMARKS:															

CLASS	REMARKS	START	STOP	INTERVAL
	WORK ON CATCH	4.00	4.30	1/2
	TRIP IN TO BOTTOM	4.30	5.00	1/2
	TRIP BOTTOM PULL UP	5.00		
	ADD 2 BIT STRIPES	6.30		1/2
	CIRC	6.30	6.00	1/2
	CORING	6.00	7.30	
	DRAW DOWN + HOIST	7.30		
	CORE - BBL	12.00		
DRILLER				
COMPANY TIME				
CONTR TIME				

TOUR	HOLE DATA										PUMP TEST		CLASS	REMARKS	TIME				
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD ON W.	DESCRIPTION			DEPTH TO WATER IN FT.	START	STOP	INTERVAL	
1	AF:	AT:	1	2220	2238														
	MUD										PUMP		SURVEY						
	WT.										PUMP		SURVEY						
	VISC.										PUMP		SURVEY						
	GEL.										PUMP		SURVEY						
	W.L.										PUMP		SURVEY						
	ADDITIVES: WATER										PUMP		SURVEY						
	1.										PUMP		SURVEY						
	2.										PUMP		SURVEY						
	3.										PUMP		SURVEY						
CREW TIME SUMMARY										PUMP TEST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL	
DRILLER <i>Richardson</i>										8						8			
HELPER <i>Kissel</i>										8						8			
HELPER <i>Brinton</i>										8						8			
TOTAL										24						24			
INJURIES AND REMARKS:																			

TOUR	HOLE DATA										PUMP TEST		CLASS	REMARKS	TIME				
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD ON W.	DESCRIPTION			DEPTH TO WATER IN FT.	START	STOP	INTERVAL	
2	AF:	AT:	1	2235	2257														
	MUD										PUMP		SURVEY						
	WT.										PUMP		SURVEY						
	VISC.										PUMP		SURVEY						
	GEL.										PUMP		SURVEY						
	W.L.										PUMP		SURVEY						
	ADDITIVES: WATER										PUMP		SURVEY						
	1.										PUMP		SURVEY						
	2.										PUMP		SURVEY						
	3.										PUMP		SURVEY						
CREW TIME SUMMARY										PUMP TEST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL	
DRILLER <i>Jensen</i>										12						12			
HELPER <i>Rene</i>										12						12			
HELPER <i>Maguire</i>										12						12			
TOTAL										36						36			
INJURIES AND REMARKS:																			

DEPARTMENT OF MINES
& NAT. RESOURCES
Mines Branch
NOV 21 1966

TOUR	HOLE DATA										PUMP TEST		CLASS	REMARKS	TIME				
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD ON W.	DESCRIPTION			DEPTH TO WATER IN FT.	START	STOP	INTERVAL	
3	AF:	AT:	1	2257	2260														
	MUD										PUMP		SURVEY						
	WT.										PUMP		SURVEY						
	VISC.										PUMP		SURVEY						
	GEL.										PUMP		SURVEY						
	W.L.										PUMP		SURVEY						
	ADDITIVES: WATER										PUMP		SURVEY						
	1.										PUMP		SURVEY						
	2.										PUMP		SURVEY						
	3.										PUMP		SURVEY						
CREW TIME SUMMARY										PUMP TEST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL	
DRILLER <i>Richardson</i>										4						4			
HELPER <i>Kissel</i>										4						4			
HELPER <i>Brinton</i>										4						4			
TOTAL										12						12			
INJURIES AND REMARKS:																			

CORE # 67

DRILLER *Richardson*

LT:	LF:	HOLE NO.	FROM	TO	T, D, IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOG				
AF:	AT:	<u>7</u>	<u>2200</u>	<u>2201</u>											
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	
				<u>4-C</u>	<u>2 1/4</u>	<u>0</u>	<u>5470</u>								
MUD		12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY					
WT.		VISC.		GEL.		PRESS		RPM		DEPTH		AT		DEG.	
W.L.		F.C.		P.H.		MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER		MIDN.	
ADDITIVES: WATER		1.		2.		3.		W. TRUCK		MOB. PUMP		TEMPERATURE:		<u>-10</u>	
GENERAL:		DRILL		W. TRUCK		MOB. PUMP		WIND VELOCITY:		RAIN, SNOW, FOG, ETC.		CLER			

CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL
DRILLER	<u>RICHARDSON</u>	<u>8</u>					
HELPER	<u>KISSER</u>	<u>8</u>					
HELPER	<u>BANTON</u>	<u>8</u>					
TOTAL							
INJURIES AND REMARKS:							

LT:	LF:	HOLE NO.	FROM	TO	T, D, IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOG				
AF:	AT:	<u>1</u>	<u>2219</u>	<u>2220</u>											
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	
				<u>4-C</u>	<u>2 1/4</u>	<u>0</u>	<u>5470</u>	<u>3000</u>	<u>55</u>	<u>1000</u>		<u>18 1/4</u>			
MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY					
WT.		VISC.		GEL.		PRESS		RPM		DEPTH		AT		DEG.	
W.L.		F.C.		P.H.		MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER:		4 P.M.	
ADDITIVES: WATER		1.		2.		3.		W. TRUCK		MOB. PUMP		TEMPERATURE:			
GENERAL:		DRILL		W. TRUCK		MOB. PUMP		WIND VELOCITY:		RAIN, SNOW, FOG, ETC.		CLER			

CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL
DRILLER	<u>RICHARDSON</u>	<u>4</u>					
HELPER	<u>KISSER</u>	<u>4</u>					
HELPER	<u>BANTON</u>	<u>4</u>					
TOTAL							
INJURIES AND REMARKS:							

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	<u>HEADING</u>	<u>12:00</u>	<u>1:30</u>	
	<u>RUN IN HOLE W/ CORE BAR</u>	<u>1:30</u>	<u>2:15</u>	
	<u>WORK ON GEOMETER</u>	<u>2:15</u>		
	<u>SUMMIT</u>		<u>3:15</u>	
	<u>RUN IN HOLE W/ CORE BAR</u>	<u>3:15</u>	<u>6:30</u>	
	<u>BREAK CORE</u>	<u>6:30</u>	<u>1:45</u>	
	<u>CUT CORE # 64</u>	<u>6:45</u>	<u>8:00</u>	

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	<u>CUT CORE # 64</u>	<u>8:00</u>	<u>1:45</u>	<u>5 1/4</u>
	<u>DRAIN DOWN & TRIP OUT</u>	<u>1:45</u>	<u>2:30</u>	<u>45</u>
	<u>WORK ON TRACK MTR</u>	<u>2:30</u>		
	<u>REPLACE POINTS & CLEAN PLUGS</u>		<u>4:00</u>	<u>1 1/2</u>
	<u>FRUIT</u>	<u>4:00</u>	<u>5:00</u>	<u>1 1/2</u>

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	<u>TRIP OUT CORE</u>	<u>4:00</u>	<u>6:15</u>	<u>2 1/4</u>
	<u>RECOVER CORE</u>	<u>6:45</u>		
	<u>SERVICE BAR - SERVICE BAR</u>		<u>8:15</u>	
	<u>REPAIR BARNET & MALL IN BARNET</u>		<u>8:45</u>	
	<u>RUN IN HOLE W/ CORE BAR</u>	<u>8:45</u>	<u>11:00</u>	
	<u>REPAIR HOLE W/ CORE BAR</u>	<u>11:00</u>	<u>11:30</u>	
	<u>BREAK CORE</u>	<u>11:30</u>	<u>11:45</u>	
	<u>CUT CORE # 65</u>	<u>11:45</u>	<u>12:00</u>	

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD ON W.	LOST DRILL TIME WAIT ON WATER		
AF:	AT:	1	2125	2125									
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
		6C	2 1/4	5	2367	2.00	85	30		3 3/4			
MUD		12MN.	2A.M.	4A.M.	6A.M.	PUMP		PUMP		SURVEY			
WT.	VISC.	GEL.	PRESS		RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG TO DEPTH	
			300										
W.L.		F.C.		P.H.		DRILL	MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER	
												TEMPERATURE: 0 0	
ADDITIVES: WATER		GALS.		W. TRUCK		MOB. PUMP		RAIN, SNOW, FOG, ETC.		WIND VELOCITY:		10 10	
										RAIN, SNOW, FOG, ETC.		SUN SUN	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER RICHARDSON		8								8		8	
HELPER KISSER		8								8		8	
HELPER B. FINNIN		8								8		8	
TOTAL													
INJURIES AND REMARKS:													

CLASS	REMARKS	START	STOP	INTERVAL
	CUT CORE # 6C	12:00	2:00	
	DRAIN DOWN & HOIST PIPE	2:00		
	PIPE TO BE USED FROM 11M		5:30	
	REAR CORE	5:30	6:15	
	RUN IN HOIST W/ 2 1/2" PIPE	6:15	8:00	
DRILLER Richardson				
COMPANY TIME _____ CONTR TIME _____				

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD ON W.	LOST DRILL TIME WAIT ON WATER		
AF:	AT:	1	2152	2152									
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
		6C	2 1/4	5	2367	3000		57		12			
MUD		8A.M.	10A.M.	12N.M.	2P.M.	PUMP		PUMP		SURVEY			
WT.	VISC.	GEL.	PRESS		RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG TO DEPTH	
			303										
W.L.		F.C.		P.H.		DRILL	MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER	
												8 A.M. NOON	
ADDITIVES: WATER		GALS.		W. TRUCK		MOB. PUMP		RAIN, SNOW, FOG, ETC.		WIND VELOCITY:		10 30	
										RAIN, SNOW, FOG, ETC.		SUN SUN	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER JENSEN		12								12		12	
HELPER ROWE		12								12		12	
HELPER M. R. VICE		12								12		12	
TOTAL													
INJURIES AND REMARKS:													

CLASS	REMARKS	START	STOP	INTERVAL
	RIG SERVICE	8:30	8:50	1/2
	FINISH TRAPPING IN	8:30	10:00	1 1/2
	WORK ON PUMPS	10:00	10:15	1/4
	BREAK CIRC	10:15	10:45	3/4
	CORING	10:45	11:00	1/4
DRILLER Jensen				
COMPANY TIME _____ CONTR TIME _____				

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD ON W.	LOST DRILL TIME WAIT ON WATER		
AF:	AT:	1	2152	2152									
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
		6C	2 1/4	5	2367								
MUD		4P.M.	6P.M.	8P.M.	10P.M.	PUMP		PUMP		SURVEY			
WT.	VISC.	GEL.	PRESS		RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG TO DEPTH	
W.L.		F.C.		P.H.		DRILL	MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER	
												4 P.M. 8 A.M.	
ADDITIVES: WATER		GALS.		W. TRUCK		MOB. PUMP		RAIN, SNOW, FOG, ETC.		WIND VELOCITY:		10 45	
										RAIN, SNOW, FOG, ETC.		SUN SUN	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER RICHARDSON		4								8		8	
HELPER KISSER		4								8		8	
HELPER B. FINNIN		4								8		8	
TOTAL													
INJURIES AND REMARKS:													

CLASS	REMARKS	START	STOP	INTERVAL
	CORING	4:00	4:30	1/2
	DRAIN DOWN & HOIST PIPE	4:30		
	FILL LINE	5:00	5:00	0
	TRAP CORE	5:00	8:00	3 1/2
	REAR CORE	8:00	8:30	
	CHECK BINDS RIMS & HYDR	8:30	8:45	
	RUN IN HOIST W/ 2 1/2" PIPE	8:45	12:00	
DRILLER Richardson				
COMPANY TIME _____ CONTR TIME _____				

LT:	LF:	HOLE NO.	FROM	TO	T. D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER			
AF:	AT:	1	1927	1939										
% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.	
		5C	2 3/4	S	5438	3000	85	119		19				
MUD	12MN.	2A.M.	4A.M.	6A.M.	PUMP		PUMP		SURVEY					
WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG TO DEPTH	
VISC.					300									
GEL.					MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		MIDN.	4 A.M.	
W.L.	F.C.				DRILL		TEMPERATURE:		15-	15-				
ADDITIVES: WATER		GALS.		W. TRUCK		WIND VELOCITY:		40-20		RAIN, SNOW, FOG, ETC.		CLR	CLR	
1.				MOB. PUMP										
2.				GENERAL:										
3.														
CREW TIME SUMMARY					DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS				
DRILLER Jensen					3					8				
HELPER Rowe					3					3				
HELPER MARYRBE					3					3				
TOTAL										14				
INJURIES AND REMARKS:														

LT:	LF:	HOLE NO.	FROM	TO	T. D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER			
AF:	AT:	1	1939	1959										
% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.	
		2.C	2 3/4	S	2458	3000	85	139		21 3/4				
MUD	8 A.M.	10A.M.	12 N.H.	2 P.M.	PUMP		PUMP		SURVEY					
WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG TO DEPTH	
VISC.					3000									
GEL.					MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		8 A.M.	NOON	
W.L.	F.C.				DRILL		TEMPERATURE:		-20	0				
ADDITIVES: WATER		GALS.		W. TRUCK		WIND VELOCITY:		15		10		RAIN, SNOW, FOG, ETC.		
1.				MOB. PUMP										
2.				GENERAL:										
3.														
CREW TIME SUMMARY					DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS				
DRILLER RICHARDSON					12					3				
HELPER KISSER					12					3				
HELPER RICHARDSON					12					3				
TOTAL										9				
INJURIES AND REMARKS:														

LT:	LF:	HOLE NO.	FROM	TO	T. D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER			
AF:	AT:	1	1959											
% LEFT	COND.	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.	
		5C	2 3/4	D	5438	3000	85	159	23 3/4					
MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY					
WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG TO DEPTH	
VISC.					300									
GEL.					MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER:		4 P.M.	8 A.M.	
W.L.	F.C.				DRILL		TEMPERATURE:		45	0				
ADDITIVES: WATER		GALS.		W. TRUCK		WIND VELOCITY:		10		5		RAIN, SNOW, FOG, ETC.		
1.				MOB. PUMP										
2.				GENERAL:										
3.														
CREW TIME SUMMARY					DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS				
DRILLER Jensen					4					7				
HELPER Rowe					4					4				
HELPER MARYRBE					4					4				
TOTAL										15				
INJURIES AND REMARKS:														

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	CORING	12:30	1:30	1 1/2
	HOOK UP FILL LINE + DRAIN HOSES	1:30	2:00	30
	TRIP OUT WITH CORE	2:00	4:45	2 3/4
	TAPERED STOP LOG	4:45	5:00	15
	TRIP IN	5:30	7:45	2 1/2
	FUEL UP	7:45	8:00	15
DRILLER	Jensen			
COMPANY TIME	CONTR TIME			

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	SERVICE PIC	8:00	8:15	1/4
	THROW BY PRESS LINE	8:15	9:00	3/4
	CUT CORE # 52	9:00	11:45	2 3/4
	HOOK UP FILL LINE	11:45	1:00	1 1/4
	HOOK UP FILL LINE	1:00	3:00	2
	HOOK UP FILL LINE	3:00	4:00	1
DRILLER	Jensen			
COMPANY TIME	CONTR TIME			

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	REC. CORE + SERVICE BBL	4:00	7:30	3 1/2
	HOOK UP FILL LINE	7:30	8:15	45
	TRIP OUT WITH CORE	8:15	8:45	30
	CUT CORE # 53	8:45	9:15	30
	HOOK UP FILL LINE	9:15	9:45	30
	TRIP OUT WITH CORE	9:45	12:00	2 1/2
DRILLER	Jensen			
COMPANY TIME	CONTR TIME			

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CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	HOOT JOB BY PASSENGER	12:00		
	CIRCULATE SET UP			
	MASTER CLUTCH	12:45		3/4
	CORING	12:45	4:00	3 3/4
	DRILL DOWN 4 HRS	4:00		
	SP FILL LINE	4:30		5/8
	TRIP OUT CORE BAR	4:30	7:00	2 1/2
DRILLER	Jensen			
COMPANY TIME	CONTR TIME			8

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CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	SERVICE RIG	8:00	8:15	
	SERVICE RIG 300	8:15		
	DOWN		11:00	
	BROWN GIRL	11:00	11:15	
	SET RIG # 50	11:15	1:45	
	11:15 RIG 300	1:45	1:50	
DRILLER	Jensen			
COMPANY TIME	CONTR TIME			

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INJURIES AND REMARKS:																																																																																																																

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	HOISTING	7:00	5:00	1/4
	REC. CORE + SERVICE RIG	5:00	5:45	3/4
	PREP UP 2 SERVICES	5:45		
	TRIP IN 300		7:45	2
	REPAIR HOISTING PUMP	7:45	8:30	3/4
	WORK ON PUMPS	8:30	9:30	1
	FINISH TRIP IN	9:30	10:00	1/2
	CIRCULATE	10:00	10:35	3/4
	CORING	10:35	12:00	1 3/4
DRILLER	Jensen			

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER		
AF:	AT:	1	1877	1859									
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
		50	2 1/2		5463	3000	85	37		17			
MUD				12 M.N.	2 A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY	
WT.	PRESS		RPM	DEPTH	PRESS		RPM	DEPTH	AT	DEG.	LOG TO DEPTH		
VISC.	300			1877									
GEL.			MOTOR HOURS	FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		MIDN. 4 A.M.				
W.L.	F.C.		P.H.		DRILL		TEMPERATURE:		10 5				
ADDITIVES: WATER				GALS.		W. TRUCK		WIND VELOCITY:		15 30			
1. WATER						MOB. PUMP		RAIN, SNOW, FOG, ETC.		Clear Sky			
2.						GENERAL:		3.					

TOUR 1		MIDN.		TO		8 A.M.	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.	PUMPTEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
DRILLER	JENSEN	8					8
HELPER	BLIVE	8					8
HELPER	BLIVE	8					8
TOTAL						24	
INJURIES AND REMARKS:							

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER		
AF:	AT:	1	1877	1874									
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.
		50	2 1/2		5468	3000	85	37		16			
MUD				4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY	
WT.	PRESS		RPM	DEPTH	PRESS		RPM	DEPTH	AT	DEG.	LOG TO DEPTH		
VISC.	300												
GEL.			MOTOR HOURS	FUEL GALS.	NEXT OIL CHANGE AT		WEATHER:		4 P.M. 8 A.M.				
W.L.	F.C.		P.H.		DRILL		TEMPERATURE:		15 10				
ADDITIVES: WATER				GALS.		W. TRUCK		WIND VELOCITY:		20 25			
1.						MOB. PUMP		RAIN, SNOW, FOG, ETC.		Clear Sky			
2.						GENERAL:		3.					

TOUR 3		MIDN.		TO		4 P.M.	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.	PUMPTEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
DRILLER	JENSEN	4					4
HELPER	BLIVE	4					4
HELPER	BLIVE	4					4
TOTAL						12	
INJURIES AND REMARKS:							

DATE	DESCRIPTION	DEPTH TO WATER IN FT.	CLASS	REMARKS	TIME
11-21-68	TRIP IN T. PICKUP				12:00
	2 SAMPLES				2:15
	BLEND CURT CORE				2:45
	LOGGING				6:30
	DRILLING AND T. HOOK				6:30
	UP FILLED LINE				7:00
	TRIP OUT WITH CURT				8:00

DATE	DESCRIPTION	DEPTH TO WATER IN FT.	CLASS	REMARKS	TIME
11-21-68	DRILLER				
	COMPANY TIME				
	CONTR. TIME				

DATE	DESCRIPTION	DEPTH TO WATER IN FT.	CLASS	REMARKS	TIME
11-21-68	SERVICE PIC				8:00
	HISTORIC CORE 1380				8:30
	REC. LINE T-SERVICE PIC				10:45
	TRIP IN CORE 1380				11:30
	BLEND CURT				2:00
	SET CORE # 48				2:15

TOUR 3		MIDN.		TO		4 P.M.	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.	PUMPTEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
DRILLER	JENSEN	4					4
HELPER	BLIVE	4					4
HELPER	BLIVE	4					4
TOTAL						12	
INJURIES AND REMARKS:							

DEPART
 8:30
 NOV-21-1968
 Petroleum
 V.L.

TOUR	MIDN.	T.O.	CLASS	REMARKS	TIME		
					START	STOP	INTERVAL
1		8 A.M.		OUT KELLING TO SEE IF ANYTHING SOFT HOIST TIGHT KELLING HOSE FROM BOTTOM OUT CIRCULATE SLOWLY SOFT & TRY TO WORK UP TRIP OUT N.W. SECTION TO BE FOR R.P.S.ING	12:30		
MUD 12MN. 2A.M. 4 A.M. 6 A.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. 1 LOG TO 100 FT. SURVEY WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP DRILL MOTOR HOURS FUEL GALS. NEXT OIL CHANGE AT WEATHER TEMPERATURE: C 0 WIND VELOCITY: 10-15 RAIN, SNOW, FOG, ETC. CLEAR GENERAL: CREW TIME SUMMARY DRILLER JENSEN 8 HELPER ROWE 3 HELPER MAQUIRE 8 TOTAL 19 INJURIES AND REMARKS:				DRILLER Jensen			
2		8 A.M.		SERVICE RIG PREPARE SITE DRIFT CAR & FLIGHT - READY TO FLY IN 300 TRIP IN SERVICE RIG 3000 CAR - 0100 OUT 0100 #41	8:00	8:30	
MUD 8 A.M. 10A.M. 12 N.M. 2 P.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. 1 LOG TO 100 FT. SURVEY WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP DRILL MOTOR HOURS FUEL GALS. NEXT OIL CHANGE AT WEATHER 8 A.M. NO TEMPERATURE: C 0 WIND VELOCITY: 10-15 RAIN, SNOW, FOG, ETC. CLR GENERAL: CREW TIME SUMMARY DRILLER BOURNEN 12 HELPER KUSSEL 12 HELPER BENTON 12 TOTAL 36 INJURIES AND REMARKS:				DRILLER Bournen			
3		4 P.M.		OUT CAR #46 PREPARE VALVE W STAND 1000 DRIVE DOWN 4 HOIST GENERAL RIG SERVICE FINISH TAPPING TAKE UP ROPE TRY CIRCULATE & SERVICE TRIP IN	4:00	5:00	
MUD 4 P.M. 6 P.M. 8 P.M. 10P.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG. 1 LOG TO 100 FT. SURVEY WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP DRILL MOTOR HOURS FUEL GALS. NEXT OIL CHANGE AT WEATHER: 4 P.M. 8 TEMPERATURE: 15 WIND VELOCITY: 10-15 RAIN, SNOW, FOG, ETC. CLR GENERAL: CREW TIME SUMMARY DRILLER JENSEN 5 HELPER ROWE 5 HELPER MAQUIRE 5 TOTAL 15 INJURIES AND REMARKS:				DRILLER Jensen			

REF # 41
Rec. 19-5

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOS WA						
AF:	AT:	1	1785	1719													
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT			
				4C	2 1/4"	◁	5470	2500	80	40		1					
				4C	2 1/4"	◁	5470	2500	80	46		5:37					
MUD		12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY							
WT.		PRESS		RPM		DEPTH		PRESS		RPM		DEPTH		AT		DEG.	
VISC.		375															
GEL.				MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER		MIDN.					
W.L.		F.C.		P.H.		DRILL		TEMPERATURE:		20							
ADDITIVES: WATER		GALS.		W. TRUCK		WIND VELOCITY:		5.0									
1.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		5.0											
2.		GENERAL															
3.																	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL					
DRILLER		S. WILKIN		3													
HELPER		DOVE		3													
HELPER		MAGUIRE		3													
TOTAL																	
INJURIES AND REMARKS:																	

STRATIGRAPHIC LOG / PUMP TEST
 TO FT. / RATE IN 16PM
 DESCRIPTION / DEPTH TO WATER IN FT.
 CUT CORE # 44
 1781-1801
 REC- 30'

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	REPAIR CORP #13	1:00	1:30	
	SERVICE BARREL			
	TRIP IN	1:30	4:15	
	REPAIR PUMP	4:30	5:30	
	CHANGE HOLE & PREPARE	5:30		
	TO CUT CORE			
	CUT CORE # 44	6:20	3:00	
DRILLER	S. WILKIN			
COMPANY TIME				
CONTR TIME				

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOS WA						
AF:	AT:	1	1799	1805													
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT			
				4C	2 1/4"	◁	5470	2500	80	40		1					
				4C	2 1/4"	◁	5470	2500	80	46		5:37					
MUD		8 A.M.	10 A.M.	12 N.H.	2 P.M.	PUMP		PUMP		SURVEY							
WT.		PRESS		RPM		DEPTH		PRESS		RPM		DEPTH		AT		DEG.	
VISC.		300															
GEL.				MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER		8 A.M.					
W.L.		F.C.		P.H.		DRILL		TEMPERATURE:		20							
ADDITIVES: WATER		GALS.		W. TRUCK		WIND VELOCITY:		5.0									
1.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		5.0											
2.		GENERAL															
3.																	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL					
DRILLER		R. BROWN		12													
HELPER		KISSER		12													
HELPER		BROWN		12													
TOTAL																	
INJURIES AND REMARKS:																	

STRATIGRAPHIC LOG / PUMP TEST
 TO FT. / RATE IN 16PM
 DESCRIPTION / DEPTH TO WATER IN FT.
 CUT CORE # 44
 1801-1805
 REC- 20.0 FT
 USED BLIND RAMS
 4 X 2 1/2" PRESURED
 TO CUT 15 MIN.

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	CUT CORE # 44	8:10	8:15	
	DRAIN DOWN - SERVICE	8:15		
	TRIP		8:45	
	REPAIR CORP RISE	8:45	11:15	
	REC CORE - SERVICE BARREL	11:15	12:00	
	CHANGE HOLE BAR	12:15	2:30	
	PREPARE CORE	2:30	3:15	
	CUT CORE # 45	3:15	4:00	
DRILLER	R. BROWN			
COMPANY TIME				
CONTR TIME				

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOS WA						
AF:	AT:		1805														
BIT RECORD		% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT			
				4C	2 1/4"	◁	5470	2500	80								
				5C	2 1/4"	◁	2367										
				1RS	RS	5485											
MUD		4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY							
WT.		PRESS		RPM		DEPTH		PRESS		RPM		DEPTH		AT		DEG.	
VISC.		300															
GEL.				MOTOR HOURS		FUEL GALS.		NEXT OIL CHANGE AT		WEATHER:		4 P.M.					
W.L.		F.C.		P.H.		DRILL		TEMPERATURE:		25							
ADDITIVES: WATER		GALS.		W. TRUCK		WIND VELOCITY:		15									
1.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		15.0											
2.		GENERAL															
3.																	
CREW TIME SUMMARY		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL					
DRILLER		J. JENSEN		4													
HELPER		K. JENSEN		4													
HELPER		MAGUIRE		4													
TOTAL																	
INJURIES AND REMARKS:																	

STRATIGRAPHIC LOG / PUMP TEST
 TO FT. / RATE IN 16PM
 DESCRIPTION / DEPTH TO WATER IN FT.
 CUT CORE # 45
 1805-1820
 REC- 19.5

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	CUT CORE # 45	4:00	6:00	2
	WASHING CORE RISE	6:00		2
	TAKE A REC. TO CORP	9:00		
	4 SERVICE BIT BARREL			
	TRIP IN WITH REC			
	N.W. SUB		10:00	1
	RUN FLAT 2 P.M. 10:00			
	FROM CORP TO CORP			
	HIT SOMETHING AT			
	51 FT. TO CORP	12:00		2
DRILLER	J. JENSEN			
COMPANY TIME				
CONTR TIME				

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD CW.	LOST DRILL WAIT ON																												
AF:	AT:	1752																																					
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MUD			12MN.	2A.M.	4A.M.	6A.M.	PUMP		PUMP		SURVEY																												
WT.	VISC.		GEL.		W.L.		DRILL		WEATHER		MIDN. 4 A.M.																												
	WATER				F.C.		MOTOR HOURS		TEMPERATURE: 28 25		WIND VELOCITY: 35 45																												
ADDITIVES: WATER			GALS.		W. TRUCK		NEXT OIL CHANGE AT		RAIN, SNOW, FOG, ETC.		3:00 0.00																												
CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME																												
DRILLER			8		8		8		8		8																												
HELPER			8		8		8		8		8																												
HELPER			8		8		8		8		8																												
TOTAL																																							
INJURIES AND REMARKS:																																							

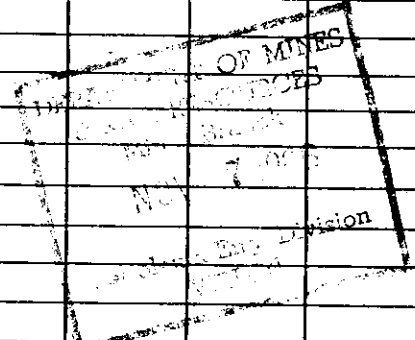
LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD CW.	LOST DRILL WAIT ON																												
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MUD			8 A.M.	10 A.M.	12 N.M.	2 P.M.	PUMP		PUMP		SURVEY																												
WT.	VISC.		GEL.		W.L.		DRILL		WEATHER		8 A.M. NOON																												
					F.C.		MOTOR HOURS		TEMPERATURE: 30 35		WIND VELOCITY: 35 50																												
ADDITIVES: WATER			GALS.		W. TRUCK		NEXT OIL CHANGE AT		RAIN, SNOW, FOG, ETC.		1 1/2 0.00																												
CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME																												
DRILLER			12		12		12		12		12																												
HELPER			12		12		12		12		12																												
HELPER			12		12		12		12		12																												
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LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD CW.	LOST DRILL WAIT ON																												
AF:	AT:	1752																																					
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WT.	VISC.		GEL.		W.L.		DRILL		WEATHER		4 P.M. 8 A.M.																												
	WATER				F.C.		MOTOR HOURS		TEMPERATURE: 57 25		WIND VELOCITY: 59 53																												
ADDITIVES: WATER			GALS.		W. TRUCK		NEXT OIL CHANGE AT		RAIN, SNOW, FOG, ETC.		0.00 0.00																												
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HELPER			9		9		9		9		9																												
TOTAL																																							
INJURIES AND REMARKS:																																							

TO	DATE	CLASS	REMARKS	TIME
			PICK UP DRILL PIPE	12:00
			+ TRIP IN BIT	4:30
			REST CEMENT PUMP	4:30
			REST CEMENT PUMP	5:00
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Oct 25/66

TOUR	MIDN.	TO	8 A.M.	TO	8 A.M.	TO	4 P.M.	MIDN.	CLASS	REMARKS	TIME																																																
											START	STOP	INTERVAL																																														
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LOCATION SOGET ET ABUI, KASKASSIA #1

DATE OCT 24/66

LOCATION

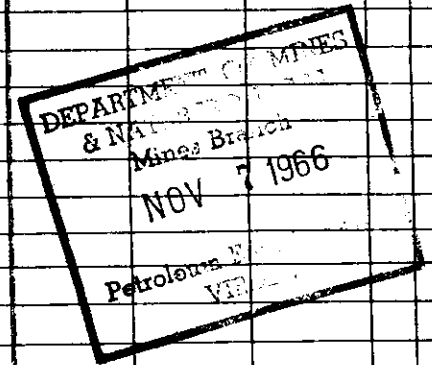
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CREW TIME SUMMARY	DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																																								
DRILLER Richardson	7					7																																								
HELPER BISSER	4					4																																								
HELPER BILTON	4					4																																								
TOTAL																																														

GRAPHIC LOG	PUMP TEST	CLASS	REMARKS	TIME	
TO	RATE IN 16PM			START STOP INTERVAL	
DESCRIPTION	DEPTH TO WATER IN FT.				
			Rig to cement	12:00 4:15	
			CEMENTING	4:15 5:00	
			CLEAN UP CEMENT UNIT + LEASE	5:00 8:00	
			Start cementing @ 4:20 P.M.		
			Cement in @ 4:45 P.M.		
			Cementing done @ 5:00 P.M.		
			Cemented with 140 bbls cement + 2% CaCl ₂		
			Plug down @ 5:00 A.M.		
			DRILLER Richardson		
			COMPANY TIME	CONTR TIME	
			CLASS	REMARKS	TIME
					START STOP INTERVAL
			W.O.C.		8:00
			WORK ON B.O.P.S.		
			HAUL GAS.		
			CLEAN MUD TANKS		
			FILL WITH WATER.		
			Stack N.W. pipe		
			haul mud + materials.		8:00
			MIX MUD + weight materials.		8:00
			HAUL CEMENT.		
			DRILLER S. Al-Khin		
			COMPANY TIME	CONTR TIME	
			CLASS	REMARKS	TIME
					START STOP INTERVAL
			Pumped 45 bbls mud		
			shelled well at 11:00 P.M.		
			Pumped 100 sks cement		
			+ 1% CaCl ₂ into casing		
			Cement in @ 11:15 P.M.		
			No pressure while cementing		
			MIX MUD + LEASE		9:00 8:00
			HAUL CEMENT +		8:00
			PREPARE TO CEMENT CSG		11:00
			KILL WELL + CEMENT		11:00 12:00
			DRILLER Richardson		
			COMPANY TIME	CONTR TIME	



TOUR	MIDN.	T.O.	8 A.M.	4 P.M.	MIDN.	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL WAIT ON	PHIC LOG / PUMP TEST	CLASS	REMARKS	TIME							
						AF:	AT:	1	1732	1732		3 1/2													START	STOP	INTERVAL	
1						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	RUN 3 1/2" C.S.G.	12.00	3.00							
						MUD	12MN.	2A.M.	4 A.M.	6 A.M.	PUMP			PUMP			SURVEY											
						WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.										
						VISC.																						
						GEL.																						
						W.L.	F.C.	P.H.																				
						ADDITIVES: WATER	GALS.				W. TRUCK					WEATHER	MIDN.	4 A.M.										
						1.					MOB. PUMP					TEMPERATURE:	32	32										
						2.										WIND VELOCITY:	40	50										
						3.					GENERAL:					RAIN, SNOW, FOG, ETC.	RAIN	RAIN										
CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																	
DRILLER <u>RICHARDSON</u>						8					8																	
HELPER <u>KISSER</u>						8					8																	
HELPER <u>BRINSON</u>						8					8																	
TOTAL													DRILLER <u>RICHARDSON</u>															
INJURIES AND REMARKS:																												
2						LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL WAIT ON	SE RVICE RIG RUN 3 1/2" C.S.G.	2.30	3.30								
						AF:	AT:	1	1732	1732		3 1/2																
						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM					% LEFT	Run 170' ts. (17-24) = 1 3 1/2" flush bit NX casing & 24' (34-22 ft) of 4 1/2" J-55 casing with sh. set at 1732 ft K.B. Casing all in hole at 11:00 PM. took 25 3/4 hrs to run casing - short H. & had to make-up is reason for long running time					
						MUD	8 A.M.	10 A.M.	12 N'n	2 P.M.	PUMP			PUMP			SURVEY											
						WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT					DEG.						
						VISC.																						
						GEL.																						
						W.L.	F.C.	P.H.																				
						ADDITIVES: WATER	GALS.				W. TRUCK					WEATHER	8 A.M.					NOON						
						1.					MOB. PUMP					TEMPERATURE:	32					31						
2.										WIND VELOCITY:	50	50																
3.					GENERAL:					RAIN, SNOW, FOG, ETC.	NOON	NOON																
CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																	
DRILLER <u>SALIKIN</u>						12					12																	
HELPER <u>ROUS</u>						12					12																	
HELPER <u>MURPHY</u>						12					12																	
TOTAL													DRILLER <u>SALIKIN</u>															
INJURIES AND REMARKS:																												
3						LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL WAIT ON	RUN 3 1/2 C.S.G. RIG TO CEMENT	4.00	11.00								
						AF:	AT:																					
						% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM					% LEFT	Run 3 1/2 C.S.G. RIG TO CEMENT					
						MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP			PUMP			SURVEY											
						WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT					DEG.						
						VISC.																						
						GEL.																						
						W.L.	F.C.	P.H.																				
						ADDITIVES: WATER	GALS.				W. TRUCK					WEATHER:	4 P.M.					8 A.M.						
						1.					MOB. PUMP					TEMPERATURE:	30					30						
2.										WIND VELOCITY:	30	30																
3.					GENERAL:					RAIN, SNOW, FOG, ETC.	NOON	NOON																
CREW TIME SUMMARY						DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS																	
DRILLER <u>BLUTZADSON</u>						4					4																	
HELPER <u>KISSER</u>						4					4																	
HELPER <u>BRINSON</u>						4					4																	
TOTAL													DRILLER <u>BLUTZADSON</u>															
INJURIES AND REMARKS:																												

TOUR	MIDN.	TO	8 A.M.	4 P.M.	MIDN.	LOG										CLASS	REMARKS	TIME		
						LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT			AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	START
1						MUD 12MN, 2A.M., 4A.M., 6A.M. PUMP SURVEY W. TRUCK MOB. PUMP WEATHER MIDN. 4A.M. TEMPERATURE: 32 32 WIND VELOCITY: 40 50 RAIN, SNOW, FOG, ETC. RAIN RAIN											TRIP IN OPEN END WELL SHUT IN DRAIN MUD TANKS WORK ON CAT & WATER PUMP - REPAIR TANKS WITH SALT WATER FROM HOLE WATER PUMP DOWN MIX MUD BROKEN CHAIN ON PUMP	12:00	1:00	1:00
						BIT RECORD % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.														
						CREW TIME SUMMARY DRILLER RICHARDSON 8 HELPER KISSER 8 HELPER BANTON 8 TOTAL 24														
						INJURIES AND REMARKS:														
						GRAPHIC LOG / PUMP TEST TO RATE IN 15PM DESCRIPTION / DEPTH TO WATER IN FT.														
						W.L. F.C. P.H. DRILL WEATHER MIDN. 4A.M. TEMPERATURE: 32 32 WIND VELOCITY: 40 50 RAIN, SNOW, FOG, ETC. RAIN RAIN														
						ADDITIVES: WATER GALS. W. TRUCK MOB. PUMP GENERAL:														
						W. TRUCK MOB. PUMP WEATHER MIDN. 4A.M. TEMPERATURE: 32 32 WIND VELOCITY: 40 50 RAIN, SNOW, FOG, ETC. RAIN RAIN														
						MUD 12MN, 2A.M., 4A.M., 6A.M. PUMP SURVEY W. TRUCK MOB. PUMP WEATHER MIDN. 4A.M. TEMPERATURE: 32 32 WIND VELOCITY: 40 50 RAIN, SNOW, FOG, ETC. RAIN RAIN														
						BIT RECORD % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.														
2						MUD 8 A.M., 10A.M., 12 N.H., 2 P.M. PUMP SURVEY W. TRUCK MOB. PUMP WEATHER 8 A.M. NOON TEMPERATURE: 32 31 WIND VELOCITY: 50 50 RAIN, SNOW, FOG, ETC. RAIN NEW											REPAIR PUMP CHAIN MIX MUD & HAUL MUD FROM DUMP KILL WELL OPEN HOLE & RIG UP TO TRIP OUT AND HAY PIPE DOWN	8:00	9:30	1:30
						BIT RECORD % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.														
						CREW TIME SUMMARY DRILLER SALMON 12 HELPER ROSS 12 HELPER MURPHY 12 TOTAL 36														
						INJURIES AND REMARKS:														
						GRAPHIC LOG / PUMP TEST TO RATE IN 15PM DESCRIPTION / DEPTH TO WATER IN FT.														
						W.L. F.C. P.H. DRILL WEATHER 8 A.M. NOON TEMPERATURE: 32 31 WIND VELOCITY: 50 50 RAIN, SNOW, FOG, ETC. RAIN NEW														
						ADDITIVES: WATER GALS. W. TRUCK MOB. PUMP GENERAL:														
						W. TRUCK MOB. PUMP WEATHER 8 A.M. NOON TEMPERATURE: 32 31 WIND VELOCITY: 50 50 RAIN, SNOW, FOG, ETC. RAIN NEW														
						MUD 8 A.M., 10A.M., 12 N.H., 2 P.M. PUMP SURVEY W. TRUCK MOB. PUMP WEATHER 8 A.M. NOON TEMPERATURE: 32 31 WIND VELOCITY: 50 50 RAIN, SNOW, FOG, ETC. RAIN NEW														
						BIT RECORD % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.														
3						MUD 4 P.M., 6 P.M., 8 P.M., 10 P.M. PUMP SURVEY W. TRUCK MOB. PUMP WEATHER 4 P.M. 8 A.M. TEMPERATURE: 32 30 WIND VELOCITY: 30 30 RAIN, SNOW, FOG, ETC. RAIN SNOW											TRIP CAT & HAY DOWN DRILL PIPE ASSEMBLE DRILL PIPE END HOLE TRIP OUT RUN 3/4" CASING TRY TO RUN CS9	4:00	8:00	9:15
						BIT RECORD % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.														
						CREW TIME SUMMARY DRILLER RICHARDSON 4 HELPER KISSER 4 HELPER BANTON 4 TOTAL 12														
						INJURIES AND REMARKS:														
						GRAPHIC LOG / PUMP TEST TO RATE IN 15PM DESCRIPTION / DEPTH TO WATER IN FT.														
						W.L. F.C. P.H. DRILL WEATHER 4 P.M. 8 A.M. TEMPERATURE: 32 30 WIND VELOCITY: 30 30 RAIN, SNOW, FOG, ETC. RAIN SNOW														
						ADDITIVES: WATER GALS. W. TRUCK MOB. PUMP GENERAL:														
						W. TRUCK MOB. PUMP WEATHER 4 P.M. 8 A.M. TEMPERATURE: 32 30 WIND VELOCITY: 30 30 RAIN, SNOW, FOG, ETC. RAIN SNOW														
						MUD 4 P.M., 6 P.M., 8 P.M., 10 P.M. PUMP SURVEY W. TRUCK MOB. PUMP WEATHER 4 P.M. 8 A.M. TEMPERATURE: 32 30 WIND VELOCITY: 30 30 RAIN, SNOW, FOG, ETC. RAIN SNOW														
						BIT RECORD % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.														

WELL SHUT IN @ 1:30

Cat well

Measured pressure - 1732.20 no correction

RIG. NO. 1

LOCATION

LOCATION

DATE

TOUR 1

AF: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL TIME WAIT ON WATER

AT: 1 1674 1675

BIT RECORD

MUD 12MN. 2A.M. 4A.M. 6A.M. PUMP PUMP SURVEY

WT. VISC. GEL. W.L. F.C. P.H. DRILL W. TRUCK MOB. PUMP

ADDITIVES: WATER 1. 2. 3.

CREW TIME SUMMARY

DRILLER	DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
SALIKIN	4					4
HELPER						
HELPER						
TOTAL						

INJURIES AND REMARKS:

CUT CORE # 30

1674-1694

CORE 20'

RECOVER-20'

CLASS

REMARKS

TIME

START	STOP	INTERVAL
12:00	1:00	
1:00	2:00	
2:00	3:00	
3:00	4:30	
4:30	6:45	
6:45	7:15	
7:15	8:00	

DRILLER Salikin

COMPANY TIME _____ CONT'R TIME _____

TOUR 2

AF: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL TIME WAIT ON WATER

AT: 1 1678 1679

BIT RECORD

MUD 8 A.M. 10A.M. 12 N.P. 2 P.M. PUMP PUMP SURVEY

WT. VISC. GEL. W.L. F.C. P.H. DRILL W. TRUCK MOB. PUMP

ADDITIVES: WATER 1. 2. 3.

CREW TIME SUMMARY

DRILLER	DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
Richardson	12					12
HELPER	12					12
HELPER	12					12
TOTAL						

INJURIES AND REMARKS:

USE BLIND PUMPS

FIELD HYDRIL

CLASS

REMARKS

TIME

START	STOP	INTERVAL
8:00	9:45	
9:45	1:00	
1:00	2:15	
2:15	4:00	

DRILLER Richardson

COMPANY TIME _____ CONT'R TIME _____

TOUR 3

AF: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL TIME WAIT ON WATER

AT: 1 1694 1700

BIT RECORD

MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M. PUMP PUMP SURVEY

WT. VISC. GEL. W.L. F.C. P.H. DRILL W. TRUCK MOB. PUMP

ADDITIVES: WATER 1. 2. 3.

CREW TIME SUMMARY

DRILLER	DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
SALIKIN	4					4
HELPER	4					4
HELPER	4					4
TOTAL						

INJURIES AND REMARKS:

REPAIRS BINDING

HOISTING

REC. CORE + SERVICE BBL

TRIP IN CORE BBL

CIRCULATE SET

UP Kelly line clutch

Cut CORE # 40

CLASS

REMARKS

TIME

START	STOP	INTERVAL
4:00	5:00	
5:00	6:00	
6:00	7:00	
7:00	8:15	
8:15	9:00	
9:00	12:00	

DRILLER Salikin

COMPANY TIME _____ CONT'R TIME _____

RIG. NO. LOCATION

LOCATION DATE

T O U R 1

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL WAIT ON W.

AF: AT: /

BIT RECORD

MUD 12MN. 2A.M. 4A.M. 6A.M.

PUMP SURVEY

WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP

WEATHER MIDN. 4 A.M.

TEMPERATURE: WIND VELOCITY: RAIN, SNOW, FOG, ETC.

CREW TIME SUMMARY

DRILLER HELPER HELPER

8 A.M.

TOTAL

INJURIES AND REMARKS:

T O U R 2

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL WAIT ON W.

AF: AT: / 1656

BIT RECORD

MUD 8 A.M. 10A.M. 12 N.H. 2 P.M.

PUMP SURVEY

WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP

WEATHER 8 A.M. NOON

TEMPERATURE: 30 32 WIND VELOCITY: 5 15 RAIN, SNOW, FOG, ETC. CLR CLD

CREW TIME SUMMARY

DRILLER HELPER HELPER

4 P.M.

TOTAL

INJURIES AND REMARKS:

T O U R 3

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL WAIT ON W.

AF: AT: / 1656 1677

BIT RECORD

MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M.

PUMP SURVEY

WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP

WEATHER: 4 P.M. 8 P.M.

TEMPERATURE: 32 30 WIND VELOCITY: 5 10 RAIN, SNOW, FOG, ETC. SNOW

CREW TIME SUMMARY

DRILLER HELPER HELPER

MIDN.

TOTAL

INJURIES AND REMARKS:

GRAPHIC LOG / PUMP TEST

CLASS REMARKS TIME START STOP INTERVAL

Recovered fish - 22' 3'30

33 - 1656

Fish was 1 joint of 3" drill pipe which had backed off with open end pipe was run in to kill well to log 7H

DRILLER

COMPANY TIME CONTR TIME

CLASS REMARKS TIME START STOP INTERVAL

SERVICES 11:30 12:30

HOISTING 12:30 1:30

TRIP IN TO FISH 11:30 1:00

FISH 1:00 1:30

HOISTING 1:30 3:45

REPAIR KEYWAY HOIST 3:45 4:00

DRILLER

COMPANY TIME CONTR TIME

CLASS REMARKS TIME START STOP INTERVAL

PIPE TALLY 1656-97 NO CORRECTION

CUT CORE # 38 1656-1674 1674-15' 15' INCHES 13'

REPAIR KEYWAY HOIST 4:00 4:45

PICK UP CORE BBL & TRIP IN HOIST 4:45 7:00

CIRC. FIX LINE SCALE 7:00 8:00

CUT CORE # 38 8:00 11:15

WORK ON PRETABS 11:15 12:00

DRILLER

COMPANY TIME CONTR TIME

TOTAL CONTRACT TIME HRS. TOOLPUSHER OR DRILLER

TOTAL COMPANY TIME HRS. APPROVED BY

RIG. NO. 17 LOCATION 3500 T. POINT ISKRA AT 9.11.57

LOCATION DATE

TOUR	MIDN.	T.O.	8 A.M.	4 P.M.	MUD	PUMP		PUMP		SURVEY		CLASS	REMARKS	TIME			
						WT.	VISC.	GEL.	W.L.	ADDITIVES: WATER	DRILL			W. TRUCK	MOB. PUMP	GENERAL	DRILLING AND OTHER RIG OPER.
1			8 A.M.										11.00	2.30			
Measured pipe 1632.72 connection well measure.																	
DRILLER <i>S. Salikin</i>																	
2			8 A.M.											5.30	10.30		
By Schlumberger Gamma Ray - Neutrons log Interval: 0-1633																	
By Schlumberger Temperature Log Interval: 0-1630																	
Measured pipe 1633.65																	
DRILLER <i>S. Salikin</i>																	
3			4 P.M.											4.00	11.00		
Measured depth below 1645 to 1633 Total Depth at commencement of logging is 1633 J.N.																	
LOGGING: break of logs pick up inside loggers to pattern correlate																	
DRILLER <i>S. Salikin</i>																	

RIG. NO. 14

LOCATION SECRET AQUA KASKATTAMA PROV. ONT.

DATE OCT. 15-44

LOCATION

DATE 30

TIME	CLASS	REMARKS	TIME				
			START	STOP	INTERVAL		
8 A.M.							
TOUR 1 MIDN.	PUMP TEST	<p>Pick up barrel Trip in, stop brakes calculate cut core #37 trip out</p>	12:00	2:30			
			2:30	3:00			
			3:00	7:00			
			7:00	8:00			
			DRILLER <u>Sullivan</u>				
			COMPANY TIME _____ CONT'R TIME _____				
			TOTAL				
			INJURIES AND REMARKS:				
			CREW TIME SUMMARY				
			DRILLER <u>SULLIVAN</u> 8				
HELPER <u>MESSENGER</u> 8							
HELPER <u>ROWE</u> 8							
TOTAL							
INJURIES AND REMARKS:							
TOUR 2 8 A.M.	PUMP TEST	<p>Service Rig Hoist core 58L - 25' - 1645' - 25' - 1645' UNWOUND AIRCRAFT TRIP IN AND CLOSE IN WALL - DRAW MUD THICK W/ PLUG WATER W/ PLUG</p>					
			8:00	9:15			
			9:15	9:17			
			11:00	11:00			
			11:00	1:00			
			1:00				
			DRILLER				
			COMPANY TIME _____ CONT'R TIME _____				
			TOTAL				
			INJURIES AND REMARKS:				
CREW TIME SUMMARY							
DRILLER <u>RICHARDSON</u> 12							
HELPER <u>KISSER</u> 12							
HELPER <u>BANTON</u> 12							
TOTAL							
INJURIES AND REMARKS:							
TOUR 3 4 P.M.	PUMP TEST	<p>MIX W/ FRESH MUD MIX MUD</p>	1:00	6:00			
			6:00				
			DRILLER				
			COMPANY TIME _____ CONT'R TIME _____				
			TOTAL				
			INJURIES AND REMARKS:				
			CREW TIME SUMMARY				
			DRILLER <u>SULLIVAN</u> 4				
			HELPER <u>MESSENGER</u> 4				
			HELPER <u>ROWE</u> 4				
TOTAL							
INJURIES AND REMARKS:							

RIG. NO. 14

LOCATION SOLISTADUIT, KASKATTINDI

DATE Oct. 14

LOCATION

DATE #29

T O U R 1

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST WAIT

AF: AT: 1 1563 1605

BIT RECORD: % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT

10 4 3/4 11102 942071 9000 90 109 124

MUD 12MN. 2AM 4 A.M. 6 A.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG.

WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP

WEATHER: MIDN. 4 A.M. TEMPERATURE: 35 36 WIND VELOCITY: 5 RAIN, SNOW, FOG, ETC. CLOUDY

CREW TIME SUMMARY: DRILLER Richardson HELPER Kisser HELPER Branton

TOTAL HOURS: 8:00

T O U R 2

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST WAIT

AF: AT: 1 1605 1605

BIT RECORD: % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT

MUD 8 A.M. 10 A.M. 12 N.M. 2 P.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG.

WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP

WEATHER: 8 A.M. NOC TEMPERATURE: 35 33 WIND VELOCITY: 16 RAIN, SNOW, FOG, ETC. 16

CREW TIME SUMMARY: DRILLER Salkin HELPER Messner HELPER Rowe

TOTAL HOURS: 8:00

T O U R 3

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST WAIT

AF: AT: 1 1605 1625

BIT RECORD: % LEFT COND NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT

2C 4 1/2 0 9614 6000 45 503 124

MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M. PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG.

WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP

WEATHER: 4 P.M. TEMPERATURE: 32 WIND VELOCITY: 16 RAIN, SNOW, FOG, ETC. 16

CREW TIME SUMMARY: DRILLER Richardson HELPER Kisser HELPER Branton

TOTAL HOURS: 8:00

CLASS: GRAPHIC LOG / PUMP TEST

REMARKS: REC. CORE # 35

TRIP IN 4 3/4" BIT

REMN PRTT HOLE

DRLC

CIRC

TIME: START 12:00 STOP 12:30 INTERVAL 12:30

START 12:30 STOP 1:45 INTERVAL 1:45

START 1:45 STOP 2:45 INTERVAL 2:45

START 2:45 STOP 7:45 INTERVAL 7:45

DRILLER Richardson

CLASS: SERVICE RIG

REMARKS: REPAIR Kelly link & Restring. stuck in hole

circulate work pipe hose & rig

trip out

pick up core barrel run in

TIME: START 8:00 STOP 8:30 INTERVAL 8:30

START 8:30 STOP 1:30 INTERVAL 1:30

START 1:30 STOP 3:30 INTERVAL 3:30

START 3:30 STOP 4:00 INTERVAL 4:00

DRILLER Salkin

CLASS: CORE # 36

REMARKS: TRIP IN CORE BAR

WORK STUCK PIPE

REMN BOT OF CORE HOLE

CIRC

CUT CORE # 36

HOIST CORE BAR

TIME: START 4:00 STOP 5:30 INTERVAL 5:30

START 5:30 STOP 6:30 INTERVAL 6:30

START 6:30 STOP 7:15 INTERVAL 7:15

START 7:15 STOP 7:30 INTERVAL 7:30

START 7:30 STOP 10:00 INTERVAL 10:00

START 10:00 STOP 12:00 INTERVAL 12:00

DRILLER Richardson

RIG. NO. 14 LOCATION SOUTHWEST BUILT KASAPITOMBA #1

DATE OCT 13/66 LOCATION DATE 25

TOUR 1

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST TIME WAIT ON

AF: AT: 1 1973 1573

BIT RECORD

% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT
2.0		4 1/2	4 1/2		4964	8.20	65	763		11 1/2		

MUD 12MN. 2A.M. 4A.M. 6A.M.

PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG.

WT. 350

VISC. WATER

GEL. FLOWING

W.L. F.C. P.M.

W. TRUCK

MOB. PUMP

GENERAL

WEATHER MIDN. 4 A.M.

TEMPERATURE: 35

WIND VELOCITY: 5

RAIN, SNOW, FOG, ETC. CLOUDY

CREW TIME SUMMARY

DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
12					12

DRILLER RICHARDSON

HELPER KISSER

HELPER BANTON

TOTAL

INJURIES AND REMARKS:

TOUR 2

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST TIME WAIT ON

AF: AT: 1 1543 1543

BIT RECORD

% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT
10		4 1/4	4 1/4		1060	85	67			1 1/4		

MUD 8 A.M. 10A.M. 12 N. 2 P.M.

PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG.

WT. 300-350

VISC. SALT WATER

GEL. FLOWING

W.L. F.C. P.M.

W. TRUCK CHANGE OIL FILTER

MOB. PUMP

GENERAL

WEATHER 8 A.M. 100

TEMPERATURE: 35

WIND VELOCITY: WIL

RAIN, SNOW, FOG, ETC. CLOUDY

CREW TIME SUMMARY

DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
12					12

DRILLER SABLUM

HELPER MESSINGERS

HELPER ROSE

TOTAL

INJURIES AND REMARKS:

TOUR 3

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST TIME WAIT ON

AF: AT: 1 1543 1563

BIT RECORD

% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT
0.2		4 1/4	4 1/4		9614	900	45	483		9 3/4		

MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M.

PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG.

WT. 350

VISC. SALT WATER

GEL. FLOWING

W.L. F.C. P.M.

W. TRUCK

MOB. PUMP

GENERAL

WEATHER 4 P.M. 100

TEMPERATURE: 35

WIND VELOCITY: 3-5

RAIN, SNOW, FOG, ETC. CLOUDY

CREW TIME SUMMARY

DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
12					12

DRILLER RICHARDSON

HELPER KISSER

HELPER BANTON

TOTAL

INJURIES AND REMARKS:

STRATIGRAPHIC LOG / PUMP TEST

TO TIME	FROM TIME	RATE IN 10 P.M.	DESCRIPTION	DEPTH TO WATER IN FT.
			EXISTING PIPE	12.00
			PICK UP CORE BBL	2.00
			RUN IN HOLE	3.30
			CIRC.	3.30
			CUT CORE # 34	4.00
			HOIST CORE BBL	6.15

CORE # 31

1493-1513

CUT 2'

1513-1514

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	EXISTING PIPE	12.00	2.00	
	PICK UP CORE BBL	2.00		
	RUN IN HOLE		3.30	
	CIRC.	3.30	4.00	
	CUT CORE # 34	4.00	6.15	
	HOIST CORE BBL	6.15	8.00	

DRILLER Richardson

COMPANY TIME _____ CONTR TIME _____

STRATIGRAPHIC LOG / PUMP TEST

TO TIME	FROM TIME	RATE IN 10 P.M.	DESCRIPTION	DEPTH TO WATER IN FT.
			Complete Trip	8:45
			SERVICE Rig + CHANGE OIL	9:30
			RECOVER CORRECTION	9:30
			SERVICE BARREL	
			Stand back in service	10:00
			TRIP IN WITH 4 1/4	10:00
			TRIP IN	12:00
			Weld on ROOSE NECK	12:00
			Apple drill ahead	12:30
			CIRCULATE	3:45
				4:00

CLOSE 13/10/66

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	Complete Trip	8:45	8:45	
	SERVICE Rig + CHANGE OIL	8:45	9:30	
	RECOVER CORRECTION	9:30	9:30	
	SERVICE BARREL			
	Stand back in service		10:00	
	TRIP IN WITH 4 1/4		10:00	
	TRIP IN		12:00	
	Weld on ROOSE NECK	12:00	12:30	
	Apple drill ahead	12:30	3:45	
	CIRCULATE	3:45	4:00	

DRILLER SABLUM

COMPANY TIME _____ CONTR TIME _____

STRATIGRAPHIC LOG / PUMP TEST

TO TIME	FROM TIME	RATE IN 10 P.M.	DESCRIPTION	DEPTH TO WATER IN FT.
			TRIP OUT	11:00
			PICK UP BARREL + TRIP IN + REAM IN	5:45
			CUT CORE # 35	7:00
			HOIST CORE BBL	9:30
			REC CORE	11:30
				12:00

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	TRIP OUT	11:00	5:45	
	PICK UP BARREL + TRIP IN + REAM IN	5:45	7:00	
	CUT CORE # 35	7:00	9:30	
	HOIST CORE BBL	9:30	11:30	
	REC CORE	11:30	12:00	

DRILLER Richardson

COMPANY TIME _____ CONTR TIME _____

RIG. NO. 14

LOCATION SUGAR MOUNT, KANSAS

DATE Oct 11/66

LOCATION

DATE #26

TOUR 1

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL TIME WAIT ON WATER

AF: AT: 1 1354 1368

BIT RECORD: % LEFT COND. NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.

9 4 3/4 4T1 94542 9000 65 62 7

MUD 12MN, 2A.M., 4A.M., 6A.M.

PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG.

300

WEATHER MIDN. 4A.M.

TEMPERATURE: 35 35

WIND VELOCITY: 50 50

RAIN, SNOW, FOG, ETC. CLDY CLDY

CREW TIME SUMMARY

DRILLER RICHARDSON

HELPER KISSER

HELPER BANTON

TOTAL HOURS 8

TOUR 2

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL TIME WAIT ON WATER

AF: AT: 1 1368 1411

BIT RECORD: % LEFT COND. NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.

2 4 3/4 4T1 94542 9000 50 42 3 2/4

MUD 8A.M., 10A.M., 12N.M., 2P.M.

PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG.

WEATHER 8A.M. NOON

TEMPERATURE: 35 35

WIND VELOCITY: 50 20

RAIN, SNOW, FOG, ETC. CLDY CLDY

CREW TIME SUMMARY

DRILLER SALIKIN

HELPER MESSNER

HELPER HANE

TOTAL HOURS 12

TOUR 3

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL TIME WAIT ON WATER

AF: AT: 1 1411 1422

BIT RECORD: % LEFT COND. NO. SIZE TYPE SER. NO. WEIGHT RPM FT. DRILLED REAMED HRS. FORM % LEFT COND.

9 4 3/4 4T1 94542 1100 70 96 10

MUD 4P.M., 6P.M., 8P.M., 10P.M.

PUMP PRESS RPM DEPTH PRESS RPM DEPTH AT DEG.

300

WEATHER 4P.M. 8A.M.

TEMPERATURE: 35 35

WIND VELOCITY: 20 20

RAIN, SNOW, FOG, ETC. CLDY CLDY

CREW TIME SUMMARY

DRILLER RICHARDSON

HELPER KISSER

HELPER BANTON

TOTAL HOURS 4

CLASS PUMP TEST

REMARKS

MOIST CORE 152L

REC. CORE STAND

12.00 2.00

2.00

3.00

3.15

3.15

6.00

8.00

FLOAT STUCK OPEN

DRILLER Richardson

COMPANY TIME _____ CONTR TIME _____

CLASS PUMP TEST

REMARKS

Cut CORE #31

1368-1386

30'

RECOVER-19'

8.00 5:30 1/2

5:30 10:00 1/2

10:00

10:30

12:30

12:30 1:30

1:30 3:15

3:15

4:00

Cut CORE #31

TRIP OUT

RECOVER CORE

4 SERVICE BRACK

DRILLER Salikin

COMPANY TIME _____ CONTR TIME _____

CLASS PUMP TEST

REMARKS

TRIP IN WITH TRIP

CORE

DRILLING

9.00 9.30

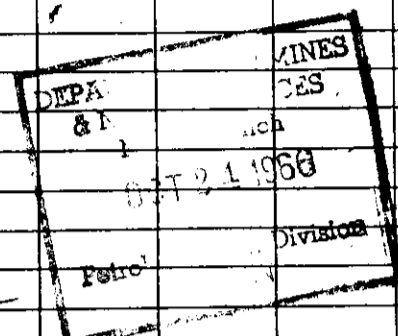
9.30 11:45

11:15 12:00

WORK ON FLOAT

DRILLER Richardson

COMPANY TIME _____ CONTR TIME _____



RIG. NO. 14

LOCATION SACRAMENTO MOUNTAIN #1

LOCATION DATE

TOUR 1

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL WAIT ON

AF: AT: 1 1315 1315

BIT RECORD

% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT

MUD 12 M. 2 A.M. 4 A.M. 6 A.M.

PUMP SURVEY

PUMP	DEPTH	PUMP	DEPTH	AT	DEG.	1000

WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP

DRILL WEATHER MIDN. 4 A.M.

TEMPERATURE: 33 35

WIND VELOCITY: 75 75

RAIN, SNOW, FOG, ETC. 47 IN 12 IN

GENERAL

CREW TIME SUMMARY

DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
					8

DRILLER RICHARDSON

HELPER KISSER

HELPER BAUNTON

TOTAL

INJURIES AND REMARKS:

TOUR 2

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL WAIT ON

AF: AT: 1 1315 1335

BIT RECORD

% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT
		2C	4 7/8	Shoes	EC9619	5000	50	369		29 2/4		

MUD 8 A.M. 10 A.M. 12 N. 2 P.M.

PUMP SURVEY

PUMP	DEPTH	PUMP	DEPTH	AT	DEG.	1000

WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP

DRILL WEATHER 8 A.M. NO

TEMPERATURE: 32 32

WIND VELOCITY: 70 40

RAIN, SNOW, FOG, ETC. 17 1/2

GENERAL

CREW TIME SUMMARY

DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
					12

DRILLER SCHIRIN

HELPER HESSEBERG

HELPER BOWE

TOTAL

INJURIES AND REMARKS:

TOUR 3

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL WAIT ON

AF: AT: 1 1335 1354

BIT RECORD

% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT
		2C	7 1/2		EC9614	8000	50	388		32		

MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M.

PUMP SURVEY

PUMP	DEPTH	PUMP	DEPTH	AT	DEG.	1000

WT. VISC. GEL. W.L. F.C. P.H. W. TRUCK MOB. PUMP

DRILL WEATHER 4 P.M.

TEMPERATURE: 30

WIND VELOCITY: 50

RAIN, SNOW, FOG, ETC. 18 1/2

GENERAL

CREW TIME SUMMARY

DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
					24

DRILLER RICHARDSON

HELPER KISSER

HELPER BAUNTON

TOTAL

INJURIES AND REMARKS:

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	CIRC. WINDS 70-75	12:00		
	2nd 1000 UNABLE TO WORK PIPE IN		8:00	
	DRILLER			
	COMPANY TIME			
	CONTR TIME			
	Hydr.			
	CUT CORE #28			
	High WINDS 70-90	8:30	9:30	1
	did down to 50	9:30		
	TRIP OUT		11:30	2
	RECOVER CORE #28	11:30	12:00	
	RECOVER SERVICE	12:00		
	BARREL		12:15	
	TRIP IN hole	12:15	1:30	
	CUT CORE #29	1:30	2:15	
	TRIP OUT	3:15		
	RECOVER CORE #29	5:30		
	RECOVER 20'			
	DRILLER			
	COMPANY TIME			
	CONTR TIME			
	CORE # 30			
	1335-1354			
	REC. 18.5			
	TRIP OUT	4:00	5:30	
	RECOVER CORE # 29 SERVICE	5:30		
	BARREL		6:00	
	WALK ON LIGHTS	11:00	8:00	
	Get up plant & RIG			
	TRIP IN CORE BBL	8:00	9:30	
	CUT CORE # 30	9:30	11:45	
	HOIST CORE BBL	11:45	12:00	
	DRILLER			
	COMPANY TIME			
	CONTR TIME			

DEPT

OCT 21 1966

DRILLER

PROJECT NO. 1

PROJECT NO.

BIG INDIAN DRILLING CO. LTD.

PROJECT NO.

RIG. NO.

LOCATION

SUBJECT ADIT. KASIKAPPA

LOCATION

DATE

#24

T O U R 1

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL TIME WAIT ON WATER

AF: AT: 1 1252 1274

BIT RECORD: NO. 788 4 3/4 SIZE 4 3/4 TYPE 7-1/2 427 5000 65 45

MUD: 12 M.N., 2 A.M., 4 A.M., 6 A.M.

WEATHER: MIDN. 4 A.M.

TEMPERATURE: 32 32

WIND VELOCITY: NIL

RAIN, SNOW, FOG, ETC. CLR CLR

CREW TIME SUMMARY:

DRILLER	PUMP TEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
Richardson					8
Helper Kissel					8
Helper Benton					8

TOTAL: 8

T O U R 2

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL TIME WAIT ON WATER

AF: AT: 1 1244 1315

BIT RECORD: NO. 2.C. 4 1/2 4 1/2 TYPE EC 9614 7000

MUD: 8 A.M., 10 A.M., 12 N.M., 2 P.M.

WEATHER: 8 A.M. NOON

TEMPERATURE: 35 30

WIND VELOCITY: 10-20

RAIN, SNOW, FOG, ETC. Cldy

CREW TIME SUMMARY:

DRILLER	PUMP TEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
Sullivan					12
Helper Messenger					12
Helper Sullivan					12

TOTAL: 12

T O U R 3

LT: LF: HOLE NO. FROM TO T.D. IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST DRILL TIME WAIT ON WATER

AF: AT: 1 1315 1315

BIT RECORD: NO. 4 P.M., 6 P.M., 8 P.M., 10 P.M.

MUD: 4 P.M., 6 P.M., 8 P.M., 10 P.M.

WEATHER: 4 P.M.

TEMPERATURE: 30

WIND VELOCITY: 20

RAIN, SNOW, FOG, ETC. 1/16

CREW TIME SUMMARY:

DRILLER	PUMP TEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
Richardson					
Helper Kissel					
Helper Benton					

TOTAL: 0

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
DRILL		12.00	4.30	
	HOISTING - FLOAT	4.30	7.00	
	OPEN, WET TRIP.			
	WORK ON FLOAT SUB	7.00	8.00	

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	SERVICE RIG	8.00	8.45	3/4
	TRIP IN hole with	8.45		
	BARREL		10.45	
	STUCK IN hole joints			
	one single of bottom			
	work pipe loose		11.45	
	cut cable # 283	11.45	12.15	
	REPAIR ON pre Fabs	12.15		
	High winds Blowing			
	pre Fabs down		2.00	
	TRIP out TEN SINGLE			
	to windy to back			
	in Derrick - shut			
	down Rig. High			
	winds 70-80 mph.			
	work on pre Fabs	2.30		
	haul materials from			
	DRILLER strip to Rig		4.00	

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	haul materials	4.00		
	from strip to Rig			
	work on pre Fabs			
	hoiler stuck etc.			
	w/d wind to 8.00		12.00	

TOTAL CONTRACT TIME _____ HRS. TOOLPUSHER OR DRILLER 1/2

TOTAL COMPANY TIME _____ HRS. APPROVED BY _____

RIG. NO. 14 LOCATION SEBERT, 1900 ft. N. of T. ... DATE 7/22

Table 1: Drilling log for hole 1174-1178. Includes columns for hole no., from, to, T.D., size casing, set to depth, amount, sac cement, average time, lost wait, mud, pumps, and crew time summary.

Handwritten notes for hole 1174-1178: 'started to ... 20 strokes ... closed ... RAMS ... line'.

Table 2: Remarks and time for hole 1174-1178. Includes columns for class, remarks, start, stop, interval. Time entries: 12:00, 1:00, 1:30, 2:00, 4:30, 5:00.

Table 3: Drilling log for hole 1178-1183. Includes columns for hole no., from, to, T.D., size casing, set to depth, amount, sac cement, average time, lost wait, mud, pumps, and crew time summary.

Handwritten notes for hole 1178-1183: '24 ... 100% REC ... STOP OUT ... SIDE TRIP 1183 ... NO EXPECTATION'.

Table 4: Remarks and time for hole 1178-1183. Includes columns for class, remarks, start, stop, interval. Time entries: 8:00, 9:30, 9:30, 11:30, 11:30, 3:30, 4:00.

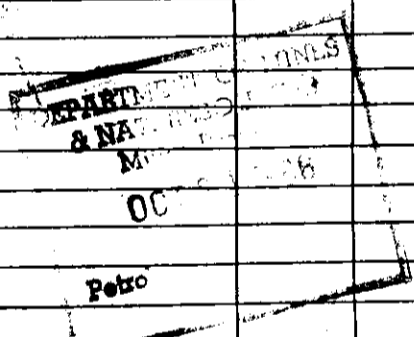


Table 5: Drilling log for hole 1183-1203. Includes columns for hole no., from, to, T.D., size casing, set to depth, amount, sac cement, average time, lost wait, mud, pumps, and crew time summary.

Handwritten notes for hole 1183-1203: 'TAKE out 22.25 ... 23.25 ...'.

Table 6: Remarks and time for hole 1183-1203. Includes columns for class, remarks, start, stop, interval. Time entries: 4:00, 5:00, 7:05, 7:15, 7:30, 8:15, 9:15, 10:15, 12:00.

RIG. NO. 14

LOCATION SOGEPET. ABUT. KASHAPUR. BENT.

DATE OCT 6 - 66

LOCATION

DATE # 21

TOUR 1

LT: LF: HOLE NO. FROM TO T.D, IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST TIME WAIT ON BIT

AF: AT: 1 1174

BIT RECORD

MUD 12MN. 2A.M. 4 A.M. 6 A.M.

PUMP PUMP SURVEY

WT. VISC. GEL. W.L. F.C. P.H.

DRILL W. TRUCK MOB. PUMP

WEATHER MIDN. 38

TEMPERATURE: 38

WIND VELOCITY: 15-20

RAIN, SNOW, FOG, ETC. Cloudy

CREW TIME SUMMARY

DRILLER	DRILLING AND OTHER RIG OPER.	PUMPTEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
SALIKAN	8					8
HELPER MESSENGER	8					8
HELPER BLANTON	4					4

TOTAL

INJURIES AND REMARKS:

TOUR 1

CLASS

REMARKS

W/O CEMENT - Replet cement + drilling materials. work on pre-cabs. work on light plant

W/O CEMENT

DRILLER Salikin

COMPANY TIME _____ CONTR. TIME _____

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	W/O CEMENT - Replet cement + drilling materials. work on pre-cabs. work on light plant	10:00		
			5:00	

TOUR 2

LT: LF: HOLE NO. FROM TO T.D, IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST TIME WAIT ON BIT

AF: AT: 1 1174

BIT RECORD

MUD 8 A.M. 10 A.M. 12 N.H. 2 P.M.

PUMP PUMP SURVEY

WT. VISC. GEL. W.L. F.C. P.H.

DRILL W. TRUCK MOB. PUMP

WEATHER 8 A.M. NOON

TEMPERATURE: 35 35

WIND VELOCITY: 60 45

RAIN, SNOW, FOG, ETC. CLOUDY

CREW TIME SUMMARY

DRILLER	DRILLING AND OTHER RIG OPER.	PUMPTEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
RICHARDSON	12					12
HELPER BLANTON	2					2
HELPER KISSER	12					12

TOTAL

INJURIES AND REMARKS:

TOUR 2

CLASS

REMARKS

W/O CEMENT

TRIP IN BIT

BREAK CIRC.

DRILL CEMENT PLUG

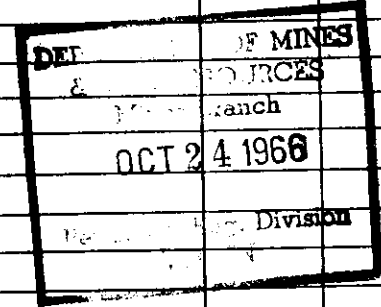
PULL BACK 2 STANDS + WOL

Break circulation at 2:15 P.M. at 2:15 P.M. - no returns. Felt plug at 1040 at 2:30 P.M. Drill plug to 1055. Set up more - believe cement not firm enough.

DRILLER

COMPANY TIME _____ CONTR. TIME _____

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	W/O CEMENT	8:00	12:30	
	TRIP IN BIT	12:30	2:00	
	BREAK CIRC.	2:00	2:15	
	DRILL CEMENT PLUG	2:15	3:15	
	PULL BACK 2 STANDS + WOL	3:15		
			4:00	



TOUR 3

LT: LF: HOLE NO. FROM TO T.D, IF FIN. SIZE CASING SET TO DEPTH AMOUNT SAC CEMENT AVERAGE TIME PER LOAD OF W. LOST TIME WAIT ON BIT

AF: AT: 1 1174

BIT RECORD

MUD 4 P.M. 6 P.M. 8 P.M. 10 P.M.

PUMP PUMP SURVEY

WT. VISC. GEL. W.L. F.C. P.H.

DRILL W. TRUCK MOB. PUMP

WEATHER 4 P.M. 8 A.M.

TEMPERATURE: 35 35

WIND VELOCITY: 45-50 45-50

RAIN, SNOW, FOG, ETC. ST. RN CLOUDY

CREW TIME SUMMARY

DRILLER	DRILLING AND OTHER RIG OPER.	PUMPTEST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
SALIKAN	4					4
HELPER MESSENGER	4					4
HELPER BLANTON	4					4

TOTAL

INJURIES AND REMARKS:

TOUR 3

CLASS

REMARKS

W.O.C

drill cement plug + RAM RAT hold

circulate hole

DRILLER Salikin

COMPANY TIME _____ CONTR. TIME _____

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	W.O.C	4:00	8:00	
	drill cement plug + RAM RAT hold	8:00	11:30	
	circulate hole	11:30	12:00	

RIG. NO. 14

LOCATION SOPPET BAWI KASKATTAMA Prov. #1

DATE Oct. 5 - 66

LOCATION

DATE #20

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON BITE																																																																																																																								
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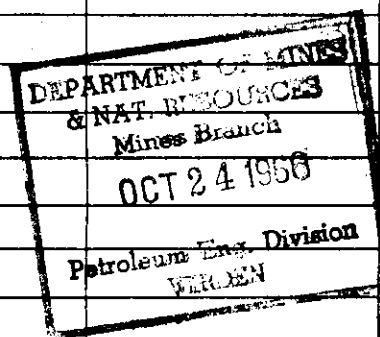
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TOTAL																																																																																																																																			

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	Take plastic of cement 1200 AND STACK by hoppers			
	hopper - SERVICE 4			
	WORK ON CEMENT UNIT	2:00		
	RUN CEMENT plug 2:00			
	AT 1040' THROUGH			
	WITH CEMENT UNIT.	3:00		
	CLEAN UP CEMENT UNIT		3:00	
	DRYAN PUMPS.	3:45		
	TRIP OUT OF HOLE		5:30	
	Repile cement AND Mud.	5:30		
			8:00	

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	W/O cement	8:00		
	Fill up hole @ 11:00 A.M. - fluid to surface			
	Close b.o.p.s + attempt pressure up - pressure broke after approx 40% - no pressure build up at 3:00 P.M.			
	Run in hole open end to run plug #3			
			4:00	

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	W/O cement - Rig up to run plug #3	4:00		
	MIX UP 30% CEMENT IN CEMENT TANK	6:00		
	+ RUN		7:00	
	CLEAN UP CEMENT TANK + DRYAN DOWN PUMP. pull back pipe	7:00		
	W/O CEMENT WORK 10:30		10:30	
	ON PREPARE + REPILE CEMENT + DRUMS			
	MATERIALS + COVER UP.		12:00	



Felt for Plug #2 at 4:00 P.M. - no feel @ 1090.
 Premixed and ran Plug No. 3, at 1070' with 30 sks. cement + 3 1/2% CaCl2 + 2 sks sandst.
 No returns while cementing
 Plug down at 7:00 P.M.
 Sherry wt. 1-1/2"

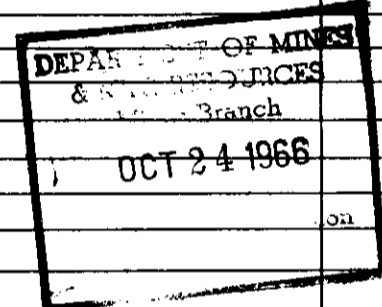
RIG. NO. 14 LOCATION SOBERET MOUNT. MANKATTAMA Prov. M Oct. 4-66 LOCATION DATE #19

TOUR 1 Log table with columns for HOLE NO., FROM, TO, T.D., IF FIN., SIZE CASING, SET TO DEPTH, AMOUNT, SAC CEMENT, AVERAGE TIME PER LOAD OF W., LOST DRILL WAIT ON. Includes sub-sections for BIT RECORD, MUD, PUMP, SURVEY, WEATHER, and CREW TIME SUMMARY.

TOUR 2 Log table with columns for HOLE NO., FROM, TO, T.D., IF FIN., SIZE CASING, SET TO DEPTH, AMOUNT, SAC CEMENT, AVERAGE TIME PER LOAD OF W., LOST DRILL WAIT ON. Includes sub-sections for BIT RECORD, MUD, PUMP, SURVEY, WEATHER, and CREW TIME SUMMARY.

TOUR 3 Log table with columns for HOLE NO., FROM, TO, T.D., IF FIN., SIZE CASING, SET TO DEPTH, AMOUNT, SAC CEMENT, AVERAGE TIME PER LOAD OF W., LOST DRILL WAIT ON. Includes sub-sections for BIT RECORD, MUD, PUMP, SURVEY, WEATHER, and CREW TIME SUMMARY.

Remarks table with columns for CLASS, REMARKS, TIME (START, STOP, INTERVAL). Contains handwritten notes such as 'MIX COSTIC 2 GEL + weight materials', 'RUN CEMENT PLUG', and 'Rig up Lights Ahead'.



TOTAL CONTRACT TIME HRS. TOOLPUSHER OR DRILLER 1/2 APPROVED BY

RIG. NO. 14

LOCATION Scepter Cut, KATAPPA Proj

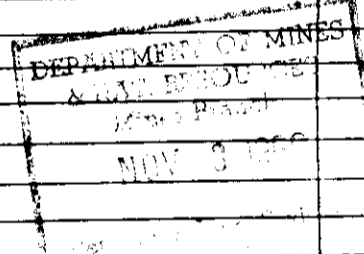
DATE OCT 3 - 66

LOCATION

DATE

18

TOUR	MIDN.	TO	CREW	DRILLING DATA										PUMP TEST	CLASS	REMARKS	TIME							
				LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT				AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER	START	STOP	INTERVAL			
1	8 A.M.	TO	SALIKIN MESSINGER BIRTON	1132	1133												TRIP IN HOLE WITH BARREL	12:00						
				BIT RECORD	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.								
				MUD	12 M.N.	2 A.M.	4 A.M.	6 A.M.																
				WT.																				
				VISC.																				
				GEL																				
				W.L.																				
				ADDITIVES: WATER																				
				DRILL																				
				WEATHER																				
CREW TIME SUMMARY				DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS															
TOTAL																								
INJURIES AND REMARKS:																								
2	8 A.M.	TO	RICHARDSON KISSEL	1153	1174												CUT CORE #23							
				BIT RECORD	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.								
				MUD	8 A.M.	10 A.M.	12 N.M.	2 P.M.																
				WT.																				
				VISC.																				
				GEL																				
				W.L.																				
				ADDITIVES: WATER																				
				DRILL																				
				WEATHER																				
CREW TIME SUMMARY				DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS															
TOTAL																								
INJURIES AND REMARKS:																								
3	4 P.M.	TO	SALIKIN MESSINGER BIRTON	1174													CLOSE - BO.P.S.							
				BIT RECORD	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.								
				MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.																
				WT.																				
				VISC.																				
				GEL																				
				W.L.																				
				ADDITIVES: WATER																				
				DRILL																				
				WEATHER																				
CREW TIME SUMMARY				DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS															
TOTAL																								
INJURIES AND REMARKS:																								



TOTAL CONTRACT TIME _____ HRS. TOOLPUSHER OR DRILLER 1/2 _____
 TOTAL COMPANY TIME _____ HRS. APPROVED BY _____

RIG. NO. 114 LOCATION SECRET AQUIN, KASKATAMA PROV. BC

DATE 12-66 LOCATION DATE #17

Table 1: Log entry for hole 1114. Includes bit record (60' 90' 1-C 4 1/16 CHRIS EC1617 5-8 50-20 81), mud logs (12MN, 2A.M., 4A.M., 6A.M.), pump logs, and crew time summary (Driller: S. J. KIN, 9 hrs).

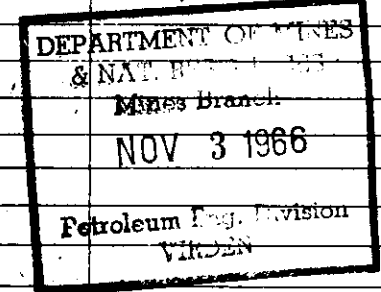
Table 2: Log entry for hole 1114. Includes photographic log (CUT CORE #19 1097-1044 REC 15'), pump test, and remarks (CUT CORE #19 TRIP OUT WET TRIP - CORE STEPS VERY LIGHT MUD TROUBLE BREAKING BARREL RECOVER CORE SERVICE BARREL TRIP IN HOLE).

Table 3: Log entry for hole 1122. Includes bit record (55' 1-C 4 1/16 Diamond EC1617 5-8 50-22 84), mud logs (8A.M., 10A.M., 12N.H., 2P.M.), pump logs, and crew time summary (Driller: RICHARDSON, 12 hrs).

Table 4: Log entry for hole 1122. Includes photographic log (CUT CORE #20 1114-1122 REC 8), pump test, and remarks (CHANGE OIL AND FILTER IN R-14, CLOSE BLIND RAMS AND HYDRIL).

Table 5: Log entry for hole 1132. Includes bit record (93' 90' 2-C 4 1/16 CHRIS EC9UN 5-8 50-73 170 19 95), mud logs (4P.M., 6P.M., 8P.M., 10P.M.), pump logs, and crew time summary (Driller: S. J. KIN, 4 hrs).

Table 6: Log entry for hole 1132. Includes photographic log (CUT CORE #21 1122-1132 REC 10 ft), pump test, and remarks (TRIP IN CORE BBL, CUT CORE #21 W/O PUMPS TRIP OUT OF HOLE RECOVER CORE SERVICE BARREL TRIP IN HOLE).



RIG. NO. 14

LOCATION SUGGET Aquifer #1

DATE SEPT 29/66

LOCATION

DATE DAY 14

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER			
AF:	AT:	7	1032	1052										
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.	
95		2-C	4 1/2	CHRIS	10964	6000	50-78	137		15 1/2		85	Good	
MUD			12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY			
WT.	8.4		8.4	8.4	400		60	1040						
VISC.	29		29	29					WEATHER		MIDN. 4 A.M.			
GEL.					MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT	TEMPERATURE:		35 35			
W.L.			F.C.		P.H.		DRILL		W. TRUCK		WIND VELOCITY:			
									RAIN, SNOW, FOG, ETC.		CLOUDY			
ADDITIVES: WATER			GALS.		MOB. PUMP		GENERAL:							
1.														
2.														
3.														
CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER			Richardson										8	
HELPER			Kissel										8	
HELPER			Bainman										8	
TOTAL													24	

STRATIGRAPHIC LOG / PUMP TEST

FROM FT. / TIME TO FT. / RATE IN 16PM DESCRIPTION / DEPTH TO WATER IN FT.

CORE #15
1032-1052=20ft
REC=21

PIPE TALLY 1051.78
GEOLOGRAPH 1052.60
NO CORRECTION

CLASS	REMARKS	START	STOP	INTERVAL
	PICK UP CORE BBL	12.00		
	T TRIP IN	11.15	1.30	1/4
	CORE	1.30	4.00	2 1/2
	CUTTING CORE #15	4.00	5.30	1 1/2
	RECYCLE CORE BBL	5.30	6.00	1/2
	Run in w/ core bbl	6.00	7.30	1 1/2
	CORE	7.30	7.45	1/4
	CUT CORE #16	7.45	8.00	1/4

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER			
AF:	AT:	1	1052	1073										
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.	
90	Good	2-C	4 1/2	CHRIS	10964	6000	72	158		17 1/2		85	Good	
MUD			8 A.M.	10 A.M.	12 N.H.	2 P.M.	PUMP		PUMP		SURVEY			
WT.	8.4		8.4	8.4	400		60	10						
VISC.	29		29	29					WEATHER		8 A.M. NOON			
GEL.					MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT	TEMPERATURE:		36 37			
W.L.			F.C.		P.H.		DRILL		W. TRUCK		WIND VELOCITY:			
									RAIN, SNOW, FOG, ETC.		RAIN BLAN			
ADDITIVES: WATER			GALS.		MOB. PUMP		GENERAL:							
1.														
2.														
3.														
CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER			Salikin		12								12	
HELPER			Melynskuk		12								12	
HELPER			Messinger		12								12	
HELPER			Benton		4								4	
TOTAL			Richardson		4								24	

CLASS

REMARKS

CORE #16
1052-1073=21ft
REC 21 ft

Cut CORE #16
REPAIR ON SWIVEL
TRIP OUT
RECOVER CORE
SERVICE BARREL
START IN CLEARANCE
MOVE DRILL COLLARS
PICK UP MGMT
& JUNK 5 ft.
REPAIR ON EAST
LINE CLUTCH
TRIP IN WITH MAG.
& JUNK 5 ft. - pick
up 6 pipe of WALK
to replace COLLARS.
STARTED DRILLING TIME 3:00

Close pipe RAMS
BLIND RAMS
& Rydrol

CLASS	REMARKS	START	STOP	INTERVAL
	Cut CORE #16	8:00	10:00	2
	REPAIR ON SWIVEL	11:00	11:00	
	TRIP OUT	11:00	12:30	
	RECOVER CORE	12:30		
	SERVICE BARREL			
	START IN CLEARANCE			
	MOVE DRILL COLLARS	1:30	1:30	
	PICK UP MGMT	1:30		
	& JUNK 5 ft.			
	REPAIR ON EAST			
	LINE CLUTCH	2:00		
	TRIP IN WITH MAG.	2:00		
	& JUNK 5 ft. - pick			
	up 6 pipe of WALK			
	to replace COLLARS.	3:00		
	STARTED DRILLING TIME 3:00	3:00	4:00	

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER			
AF:	AT:	1	1073	1073										
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.	
MUD			4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY			
WT.	8.4		8.4	8.4	400		60							
VISC.	29		29	29					WEATHER:		4 P.M. 8 A.M.			
GEL.					MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT	TEMPERATURE:		34 35			
W.L.			F.C.		P.H.		DRILL		W. TRUCK		WIND VELOCITY:			
									RAIN, SNOW, FOG, ETC.		CLOUDY			
ADDITIVES: WATER			GALS.		MOB. PUMP		GENERAL:							
1.			3500 GEL											
2.			100 LB SANDST											
3.			100 LB COSTIC											
CREW TIME SUMMARY			DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER			Richardson										4	
HELPER			Kissel										4	
HELPER			Benton										4	
TOTAL													12	

CLASS

REMARKS

Shorten drilling
LINE
Tag bottom + Fish
FOR BREAK OUT BAR
ON DRILL PIPE
TRIP OUT
W/C DRILLING LINE

CLASS	REMARKS	START	STOP	INTERVAL
	Shorten drilling	4:00		
	LINE	6:00		
	Tag bottom + Fish	6:00		
	FOR BREAK OUT BAR			
	ON DRILL PIPE	6:30		
	TRIP OUT	6:30	8:00	
	W/C DRILLING LINE	8:00		
		12:00		

DEPARTMENT
& NO.
MOTOR
OCT 2 1966
Petroleum
Vancouver

RIG. NO. 17

LOCATION

DATE. 5/26/66

LOCATION

DATE 11

TOUR	MIDN.	TOUR	MIDN.	TOUR	MIDN.	TOUR	MIDN.	LOG / PUMP TEST												CLASS	REMARKS	TIME		
								LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER			START	STOP	INTERVAL
1	8 A.M.	2	8 A.M.	3	8 A.M.	4	8 A.M.	LOG / PUMP TEST FROM / TIME TO / RATE IN 16PM DESCRIPTION / DEPTH TO WATER IN FT. 624 - 624 = 24 FT CORE # 11 16'												DRILLER	DRILLER COMPANY TIME _____ CONTR TIME _____	12.00	1.15	1/4
								11.15	1.30	1/4														
								1.30	2.15	3/4														
								2.15	3.00	3/4														
								3.00	3.15	1/4														
								3.15	4.45	1 1/2														
								4.45	6.15	1 1/2														
								6.15	7.15	1														
								7.15	7.45	1/2														
								7.45	8.00	1/4														
2	8 A.M.	2	8 A.M.	3	8 A.M.	4	8 A.M.	LOG / PUMP TEST FROM / TIME TO / RATE IN 16PM DESCRIPTION / DEPTH TO WATER IN FT. 714 - 714 = 0 REPAIR 60' / 60 YARD LINE & SERVICE RIG DRILLING CIRCULATE TRIP OUT place bit on barrel wind 30/40 bbls. wind per hour												DRILLER	DRILLER COMPANY TIME _____ CONTR TIME _____	8:00		
								8:30	8:45	1/4														
								8:45	2:45	6 1/4														
								2:45	3:15	1/2														
								3:15	4:00	3/4														
								4:00	4:15	1/4														
								4:15	4:30	1/4														
								4:30	4:45	1/4														
								4:45	5:00	1/4														
								5:00	5:15	1/4														
3	4 P.M.	3	4 P.M.	4	4 P.M.	5	4 P.M.	LOG / PUMP TEST FROM / TIME TO / RATE IN 16PM DESCRIPTION / DEPTH TO WATER IN FT. 716 - 737 = 21 REC 20 # 12 CUT CORE FROM 716-737 = 21 REC 20												DRILLER	DRILLER COMPANY TIME _____ CONTR TIME _____	4:00		
								4:15	4:15	1/4														
								4:15	5:00	3/4														
								5:00	5:15	1/4														
								5:15	7:30	2 1/2														
								7:30	8:15	3/4														
								8:15	8:45	1/2														
								8:45	9:15	1/2														
								9:15	10:00	1/2														
								10:00	10:30	1/2														

TOUR 1
MIDN.
TOUR 2
MIDN.
TOUR 3
MIDN.

CREW TIME SUMMARY	DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
DRILLER: RICHARDSON	1					8
HELPER: KISSEL						8
HELPER: BAINTON						8
TOTAL						24

CREW TIME SUMMARY	DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
DRILLER: STALIKIN	12					12
HELPER: MELYNCHUK	12					12
HELPER: MESSENGER	12					12
TOTAL						36

CREW TIME SUMMARY	DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS
DRILLER: RICHARDSON	4					4
HELPER: BAINTON	4					4
HELPER: KISSEL	4					4
TOTAL						12

INJURIES AND REMARKS: BAINTON STRUCK IN RIBS WITH BRITISH CUT CORING

RIG. NO. LOCATION SECRET AGENT KAMATTAMA. PROV. #1 DATE SEPT. 23 44 LOCATION. DATE #8

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER																												
AF:	AT:	1	330	330																																			
<table border="1"> <tr> <td>% LEFT</td> <td>COND</td> <td>NO.</td> <td>SIZE</td> <td>TYPE</td> <td>SER. NO.</td> <td>WEIGHT</td> <td>RPM</td> <td>FT. DRILLED</td> <td>REAMED</td> <td>HRS.</td> <td>FORM</td> <td>% LEFT</td> <td>COND.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.														
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.																										
MUD			12MN.	2A.M.	4A.M.	6A.M.	PUMP		PUMP		SURVEY																												
WT.	PRESS		RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	1 LOG TO DEPTH																													
VISC.	MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		MIDN.	4A.M.																														
GEL.	DRILL		W. TRUCK		WIND VELOCITY:		70	20																															
W.L.	F.C.		P.H.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		cloudy																														
ADDITIVES: WATER			GALS.																																				
CREW TIME SUMMARY																																							
DRILLER		SALIKIN		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS																									
HELPER		MELYNCHUK		8								8		8																									
HELPER		MESSENGER		8								8		8																									
TOTAL												24		24																									

INJURIES AND REMARKS:

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER																												
AF:	AT:	1	330	330																																			
<table border="1"> <tr> <td>% LEFT</td> <td>COND</td> <td>NO.</td> <td>SIZE</td> <td>TYPE</td> <td>SER. NO.</td> <td>WEIGHT</td> <td>RPM</td> <td>FT. DRILLED</td> <td>REAMED</td> <td>HRS.</td> <td>FORM</td> <td>% LEFT</td> <td>COND.</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.														
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.																										
MUD			8A.M.	10A.M.	12N.H.	2P.M.	PUMP		PUMP		SURVEY																												
WT.	PRESS		RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	1 LOG TO DEPTH																													
VISC.	MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		8A.M.	NOON																														
GEL.	DRILL		W. TRUCK		WIND VELOCITY:		35	35																															
W.L.	F.C.		P.H.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		cloudy																														
ADDITIVES: WATER			GALS.																																				
CREW TIME SUMMARY																																							
DRILLER		P. JENSEN		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS																									
HELPER		BRINSON		8								8		8																									
HELPER		KISSER		8								8		8																									
TOTAL												24		24																									

INJURIES AND REMARKS:

LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER																												
AF:	AT:	1	330	330																																			
<table border="1"> <tr> <td>% LEFT</td> <td>COND</td> <td>NO.</td> <td>SIZE</td> <td>TYPE</td> <td>SER. NO.</td> <td>WEIGHT</td> <td>RPM</td> <td>FT. DRILLED</td> <td>REAMED</td> <td>HRS.</td> <td>FORM</td> <td>% LEFT</td> <td>COND.</td> </tr> <tr> <td></td> <td></td> <td>6</td> <td>4 3/4</td> <td>V3</td> <td>25004</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.			6	4 3/4	V3	25004								
% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.																										
		6	4 3/4	V3	25004																																		
MUD			4P.M.	6P.M.	8P.M.	10P.M.	PUMP		PUMP		SURVEY																												
WT.	PRESS		RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	1 LOG TO DEPTH																													
VISC.	MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER:		4P.M.	8A.M.																														
GEL.	DRILL		W. TRUCK		WIND VELOCITY:		40	38																															
W.L.	F.C.		P.H.		MOB. PUMP		RAIN, SNOW, FOG, ETC.		cloudy																														
ADDITIVES: WATER			GALS.																																				
CREW TIME SUMMARY																																							
DRILLER		SALIKIN		DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS																									
HELPER		MELYNCHUK		8								8		8																									
HELPER		MESSENGER		8								8		8																									
TOTAL												24		24																									

INJURIES AND REMARKS:

CLASS	REMARKS	START	STOP	INTERVAL
	hoist down shaft	12:00		
	set Hydril + hoist down			
	CEMENT TOP 5/8" CON			
	ducter pipe, move			
	EXCESS CASING.			
	PIPELINE UP	3:00		
DRILLER	SALIKIN			
COMPANY TIME				
CONTR TIME				
CLASS	REMARKS	START	STOP	INTERVAL
	HOOK UP KILL LINE	8:00		
	+ INDOOR LINES TO			
	B.O.P. LEVEL MUD			
	TANKS, MAKE NEW			
	FLOW LINE.			
		4:00		
DRILLER				
COMPANY TIME				
CONTR TIME				
CLASS	REMARKS	START	STOP	INTERVAL
	WORK ON B.O.P.	4:00		
	+ Flow lines			
	pressure test blind	7:00	7:30	3
	NAMS, Hydro		8:00	1
	THIP IN + ZAG	8:00		
	CEMENT		9:30	1/2
	pressure pipe	8:30		
	NAMS + Hydro		9:30	1
	REPAIR Elevators.	9:30	10:00	1/2
	drill out cement.	10:00	10:30	1/2
	drill out slag	10:30	11:00	1/2
	drill out slag	11:00	11:30	1/2
	REPAIR AT BOTTOM	11:30		
	To bring up tank			
	in hill		12:00	1/2
DRILLER	SALIKIN			
COMPANY TIME				
CONTR TIME				

pressure test all
NAMS. TO 1000 lbs
hold for 30 min. EACH

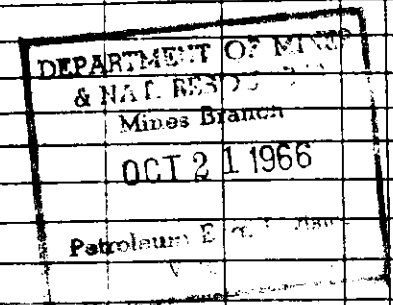
1" cement AT 291 21
2 1/2" AT 293 01
5" AT 322 01

NO. 111 LOCATION S... DATE OCT 21-66 LOCATION... DATE...

Table 1: Drilling log for 8 A.M. to 1 P.M. including hole data, pump test, and crew time summary.

Table 2: Drilling log for 1 P.M. to 4 P.M. including hole data, pump test, and crew time summary.

Table 3: Drilling log for 4 P.M. to 10 P.M. including hole data, pump test, and crew time summary.



TOTAL CONTRACT TIME... TOTAL COMPANY TIME...

RIG. NO. 14 LOCATION Sagehen Basin, Keweenaw Peninsula DATE SEPT 26/46 LOCATION Day 5

TOUR	HOLE LOG										PUMP TEST		CLASS	REMARKS	TIME					
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER			FROM FT. / TIME	TO FT. / RATE IN 10 PM	DESCRIPTION	DEPTH TO WATER IN FT.	START	STOP
1	AF:	AT:	197	256'																
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.						
			2	2 3/4"	YS1	14457	3200	60	119'	63'	17 1/2									
	MUD	12MN.	2A.M.	4A.M.	6A.M.															
	WT.	41	9.6	9.6	9.6															
	VISC.	42	4.2	4.2	4.3															
	GEL.																			
	W.L.	F.C.	P.H.																	
	ADDITIVES: WATER																			
	1.																			
2.																				
3.																				
CREW TIME SUMMARY										DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS					
DRILLER																				
HELPER																				
HELPER																				
TOTAL																				
INJURIES AND REMARKS:																				

TOUR	HOLE LOG										PUMP TEST		CLASS	REMARKS	TIME					
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER			FROM FT. / TIME	TO FT. / RATE IN 10 PM	DESCRIPTION	DEPTH TO WATER IN FT.	START	STOP
2	AF:	AT:	256'	266'																
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.						
			2	2 3/4"	YS1	14457	3200	70	129'	13'	19 1/4									
	MUD	8 A.M.	10A.M.	12 N'n.	2 P.M.															
	WT.	9	8.9	8.9																
	VISC.	46	4.5	4.2																
	GEL.																			
	W.L.	F.C.	P.H.																	
	ADDITIVES: WATER																			
	1.																			
2.																				
3.																				
CREW TIME SUMMARY										DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS					
DRILLER																				
HELPER																				
HELPER																				
TOTAL																				
INJURIES AND REMARKS:										Core # 7 Tnt 266'-270' Rec 2.5' Beacon Jars 1st Run.										

TOUR	HOLE LOG										PUMP TEST		CLASS	REMARKS	TIME					
	LT:	LF:	HOLE NO.	FROM	TO	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER			FROM FT. / TIME	TO FT. / RATE IN 10 PM	DESCRIPTION	DEPTH TO WATER IN FT.	START	STOP
3	AF:	AT:	270	304																
	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.						
			2	2 3/4"	YS1	14457	3200	60/70	163	67'	22 1/2									
	MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.															
	WT.	9	8.8	8.7	8.6															
	VISC.	43	4.0	3.8	3.8															
	GEL.																			
	W.L.	F.C.	P.H.																	
	ADDITIVES: WATER																			
	1.	1567 CAUSTIC																		
2.	360 GEL																			
3.	6 SAK SANDUST																			
CREW TIME SUMMARY										DRILLING AND OTHER RIG OPER.	PUMPTST	REPAIRS & MAINTENANCE	RIG UP OR TEAR DOWN	LOST TIME TRAVEL TIME	TOTAL HOURS					
DRILLER																				
HELPER																				
HELPER																				
TOTAL																				
INJURIES AND REMARKS:										Pull Out & Rec Core SURVEY RUN IN REAM PATTER DRILL 2 3/4" HOLE CONN - MIX MUD DRILL										

RIG, NO.

LOCATION SOLEPET ABQUT KASSATTAMA #1

DATE SEPT 19-66

LOCATION

DATE SEPT 19-66

TOUR 1	LT: AF: 1	LF: AT: 156	HOLE NO. FROM TO	1 156 167	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER				
BIT RECORD	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.	
				4 3/4	0		3200	60							
MUD	12MN.	2A.M.	4 A.M.	6 A.M.	PUMP		PUMP		SURVEY						
WT.					PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG TO DEPTH		
VISC.	52	83	35	33											
GEL.					MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		MIDN.	4 A.M.		
W.L.	F.C.	P.H.		DRILL		W. TRUCK		MOB. PUMP		TEMPERATURE:		35	32		
ADDITIVES: WATER				GALS.				W. TRUCK		MOB. PUMP		WIND VELOCITY:		5	2
1.				2.				3.		GENERAL:		RAIN, SNOW, FOG, ETC.		CLEAR	
CREW TIME SUMMARY				DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER <u>SALIKIN</u>				4								8		8	
HELPER <u>MYLENCHUK</u>				8								8		8	
HELPER <u>MESSNER</u>				8								8		8	
TOTAL															
INJURIES AND REMARKS:															

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	TRIP IN WITH BARREL	12:00		
	COULD NOT CIRCULATE			
	BARREL PLUGGED			
	TRIP OUT BARREL			
	& CLEAN			
	TRIP IN BARREL	2:00	2:50	
	BARREL PLUGGED			
	ABIAN TRIP OUT			
	CLEAN BARREL &			
	TRIP IN - BREAK			
	SUCTION NOSE OF			
	TANK AND RAISE			
	UP IN TANK			
	CORING	5:45	8:00	
DRILLER	<u>SALIKIN</u>			
COMPANY TIME				
CONTR TIME				

TOUR 2	LT: AF: 167	LF: AT: 169	HOLE NO. FROM TO	167 169 186	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER				
BIT RECORD	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.	
				8 3/4	YSI	14537	2500		17		13				
MUD	8 A.M.	10 A.M.	12 N.M.	2 P.M.	PUMP		PUMP		SURVEY						
WT.	8.4	8.4	8.5	8.5	PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG TO DEPTH		
VISC.	35	35	40	40											
GEL.					MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER		8 A.M.	NOON		
W.L.	F.C.	P.H.		DRILL		W. TRUCK		MOB. PUMP		TEMPERATURE:		32	40		
ADDITIVES: WATER				GALS.				W. TRUCK		MOB. PUMP		WIND VELOCITY:		10	35
1.				2.				3.		GENERAL:		RAIN, SNOW, FOG, ETC.		CL	
CREW TIME SUMMARY				DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER <u>T. RICHARDSON</u>				12								12		12	
HELPER <u>M. BAINTON</u>				12								12		12	
HELPER <u>C. KISSEL</u>				12								12		12	
TOTAL															
INJURIES AND REMARKS:															

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	CUT CORE	8:00	8:20	
	TRIP CORE BARREL	8:20		
	RECOVERY CORE		9:45	
	SERVICE CORE BARREL	9:45		
	SERVICE RIG		10:30	
	TRIP IN 8 3/4 BIT	10:30	11:15	
	REAM RAT HOLE 156'	11:15		
	TO 167 - 8 3/4 BIT		12:15	
	DRILL AHEAD	12:15	1:15	
	REPLACE SWIVEL PACKING	1:15	2:15	
	DRLG	2:15	2:30	
	REPAIR NIPPLE ON	2:30		
	COOSE NECK		3:15	
	DRLG	3:15	4:00	
	CIRC	4:00	4:15	
	TRIP OUT & PICK UP	4:15		
	CORE BARREL - TRIP IN			
	DRILLER BARREL -		8:00	
COMPANY TIME				
CONTR TIME				

TOUR 3	LT: AF: 186	LF: AT: 194	HOLE NO. FROM TO	186 194	T.D. IF FIN.	SIZE CASING	SET TO DEPTH	AMOUNT	SAC CEMENT	AVERAGE TIME PER LOAD OF W.	LOST DRILL TIME WAIT ON WATER				
BIT RECORD	% LEFT	COND	NO.	SIZE	TYPE	SER. NO.	WEIGHT	RPM	FT. DRILLED	REAMED	HRS.	FORM	% LEFT	COND.	
				4 3/4	YSI	14557	3200	60	208		34				
MUD	4 P.M.	6 P.M.	8 P.M.	10 P.M.	PUMP		PUMP		SURVEY						
WT.	8.8	8.7	8.7	9	PRESS	RPM	DEPTH	PRESS	RPM	DEPTH	AT	DEG.	LOG TO DEPTH		
VISC.	50	55	58	35											
GEL.					MOTOR HOURS		FUEL GALS.	NEXT OIL CHANGE AT		WEATHER:		4 P.M.	8 A.M.		
W.L.	F.C.	P.H.		DRILL		W. TRUCK		MOB. PUMP		TEMPERATURE:		40	40		
ADDITIVES: WATER				GALS.				W. TRUCK		MOB. PUMP		WIND VELOCITY:		35	35
1.				2.				3.		GENERAL:		RAIN, SNOW, FOG, ETC.		CLEAR	
CREW TIME SUMMARY				DRILLING AND OTHER RIG OPER.		PUMPTST		REPAIRS & MAINTENANCE		RIG UP OR TEAR DOWN		LOST TIME TRAVEL TIME		TOTAL HOURS	
DRILLER <u>SALIKIN</u>				4								4		4	
HELPER <u>MYLENCHUK</u>				4								4		4	
HELPER <u>MESSNER</u>				4								4		4	
TOTAL															
INJURIES AND REMARKS:															

CLASS	REMARKS	TIME		
		START	STOP	INTERVAL
	CORING	8:00	9:00	1
	TRIP OUT TO RECOVER	9:00		
	CORE		9:30	
	RECOVER 3' OF CORE	9:30		
	ASSEMBLE BARREL &			
	LAY DOWN. PICK UP			
	8 3/4 BIT & COLLAR TRIP			
	IN HOLE			
	DRILLING 8 3/4 FROM	11:15	11:15	
	186 - 194		12:00	
DRILLER	<u>SALIKIN</u>			
COMPANY TIME				
CONTR TIME				

FILE BACK COVER

No.

FROM

TO

D. W. Reports

SUBJECT:--

*Sogget Aquit
Kaskattoma Prov # 1
Tour Reports*