



RUPE OIL COMPANY

POTTER "B" #1 - SW NW NE of Section 20-11S-16W, Ellis County, Kansas

Drilling Contractor: Red Tiger Drilling Company
Wichita, Kansas

Geologist: William G. Clement
Wichita, Kansas

- September 13, 1973 - Filed "Intent to Drill" with State Corporation Commission.
Ordered location staked and elevation run by Laughlin-Simmons.
- September 14, 1973 - Location staked and elevation run. Elevation is 1766' Ground level.
- September 16, 1973 - Pits dug. 1771' Kelly Bushing.
- September 17, 1973 - Moving in Rotary Tools.
- September 18, 1973 - Drilling at 490' at 8:00 a.m.
Spudded at 6:15 p.m. yesterday. Top of Sand 405'
Top of Pyrite 470'
- September 19, 1973 - Top of Anhydrite 946' - 979'
Set 8 5/8" 28# Surface Casing at 653' with landing joint, cemented with
200 sacks 60-40 Pozmix, 2% Gel, 2% Calcium Chloride and 150 sacks
Common Cement and 3% Calcium Chloride. Plug down at 11:45 p.m.
Ratholed to 994'
Will drill out cement at 11:45 a.m. today.
- September 20, 1973 - Drilling at 1338' at 8:00 a.m.
- September 21, 1973 - Drilling at 2340' at 8:00 a.m.
- September 22, 1973 - Drilling at 2750' at 8:00 a.m.
- September 23, 1973 - Drilling at 2980' at 8:00 a.m.
- September 24, 1973 - Drilling at 3143' at 8:00 a.m.
Took Drill Stem Test #1 from 3050' to 3093'.
Tool open 30 minutes, shut in 30 minutes, open 30 minutes, shut in 30 minutes.
Had weak blow and died in 45 minutes.
Initial Shut In Pressure 532#
Final Shut In Pressure 497#
Initial Flow Pressure 19# and 35#
Final Flow Pressure 40# and 45#.
Recovered 25' Oil Cut Mud. Top of Topeka 2701' or -935'
Top of Heebner 2928' or -1173'
Top of Toronto 2967' or -1201'
Top of Lansing 2989' or -1223'
- September 25, 1973 - Drilling at 3211' at 8:00 a.m.
Took Drill Stem Test #2 from 3123' - 3183'. Tool open 30 minutes, shut in
30 minutes, open 30 minutes, shut in 30 minutes. Good blow throughout Test.
Recovered 1140' Salt Water.
Initial Shut In Pressure 1276#
Final Shut In Pressure 1230#
Initial Flow Pressure 153# & 462#
Final Flow Pressure 509# & 613#
Top of Conglomerate 3275' or -1509'
- September 27, 1973 - Rotary Total Depth 3325'
Well completed non-productive and plugging 9/26/73 - set plug at 650' cement
with 50 sacks Cement, at 300' cemented with 25 sacks cement and at 40'
cemented with 10 sacks cement.

Lse #466 - POTTER "B" #1 - SW NW NE of Section 20-11S-16W, Ellis County, Kansas

Hays or Plainsville

*Jet Sisters #1
NW SE NW 20 11-16
Sec.*

by 9/18/73

(16 mi N E 1/4 E Victoria K.)

Drilling Contractor: Red Tiger Drilling Company RIG #1-Tom Buffington (Depth 3400' Arb.)
Wichita, Kansas (263-2371) Hays Mobil 625-7995

Geologist: *Wm. G. Clement - staying Remade Jan 913-628-8461*

INVESTORS

9/13/73 - Ordered elevation to be run by Laughlin-Simmons--will be run this week unless it rains (will call if unable to run same)

Myrl W. Deitch
A. Kenneth Jones
Keith H. Jones
Ralph Miller

- Called Red Tiger and asked them to file "Intent to Drill" and they will stake. 10:20 a.m. Geo. Angle called advised "no reference points; therefore chose not to stake."

10:30 a.m. - Called Laughlin-Simmons and they will stake location this week probably Friday--if unable will call back today.

no 9/18/73
Lee Brooks

9/14/73 - 4:30 p.m. from Red Tiger -- location staked by Laughlin-Simmons in the middle of a plowed "muddy" field. Elevation 1766' Ground Red Tiger moving in Monday (9/17/73) 1771' Kelly

Jet Drlg. Co.
Bushing
Merlin Cassel
Ray W. Monteith

9/17/73 11:45 a.m. Maggie/Red Tiger called using Hardman's Lease Road--put back in same condition as is--location 1000' from River. Location was flat, 15' above water level--will set long strong and move in today.

Jet's Wichita Office
263-0123

Needs Geologist's instruction letter.

Laying water line today from river. Believe "Pits" dug yesterday.

Irv Hardman
Hill City
913-674-2562
913-674-2175

3:30 pm Maggie called Russell Supply Co. 8 7/8" 150'

receiving 1 1/4" hole - Call Anhydrite & Rupe

talked to Bill Clement

Fred Ayesh/
Steve Ayesh
jointly w/
Jet supportir
Well

9/18/73 Red Tiger called 9:15 a.m. Drilling at 490'

Spudded at 6:15 p.m. yesterday. Top of Sand 405'
Top of Pyrite 470'

(Have 360' Surface Casing, but will need 290' more--GNRupe talked to Tom Buffington 9/18/73 @ 9:00 a.m.)

9/19/73 Set 17 jts. used 8 5/8" 28# Double Jt. Casing @ 653 wf landing jt. Cemented with 200 sacks 60-40 Pozmix wf 2% Gel, 2% Calcium Chloride and 150 sacks Common with 3% Calcium Chloride. Plug down at 11:45 p.m. Ratholed to 994' ANHYDRITE 946-979'. Will drill out cement at 11:45 a.m. today.

9/20/73 - Drilling at 1338'

9/21/73 - Drilling at 2340'

9/22/73 - Drilling at 2750'

9/23/73 - Drilling at 2980'

9/24/73 - Drilling at 3143'
9:00 a.m. - Bill Clement called in "collect" from Field.

9/24/73 - Drilling at 3131'

DST #1 - 3050' - 3093' 30-30-30-30 Weak blow and died in 45 minutes.

ISIP 532# FSIP 497#, IF 19 and 35# FF 40 and 45.

Recovered 25' Oil Cut Mud--(10% oil on grind out)

(Irv Hardman was out on Well Sat. & Sun., also Bill Clement calls him--we call Wichita Office)

TOPEKA 2701' -935'
HEEBNER 2928' -1172'
TORONTO 2967' -1201'
LANSING 2989' -1223'

(Running 20' low to #3 Sisters (Jet Drlg.)

9:15 a.m.

9/25/73 Drg. @ 3211'. DST #2 3123-83 30-30-30-30 Good blow throughout Test. Recovered 1140' Salt Water. IF 153# FF 613#, ISIP 1276# FSIP 1130#

9/26/73 Drlg. at 3325' or -1559' and no Arbuckle (if we can stop drilling CONGLOMERATE 3275' -1509' and plugg NoARBUCKLE
RTD 3325'- Plugging

9/27/73 - Bill Clement advised "plugging" completed at 11:30 a.m. 9/26/73

Set plug @ 650' cemented with 50 sacks Cement.

" @ 300' " 25 "
" @ 40' " 10 "

Note: The Well ran 20' low to the highest producer in the area.

RED TIGER DRILLING COMPANY DAILY DRILLING REPORT

RIG NO. _____ FARM Potter WELL NO. B-1 COMPANY Glen Rupe PUSHER Buffington DATE 9-17-73

FOR 8 HOURS ENDING AT 7:00 A.M.	FOR 8 HOURS ENDING AT 3:00 P.M.	FOR 8 HOURS ENDING AT 11:00 P.M.
HOURS RUN: _____ HOURS LOST: _____	HOURS RUN: _____ HOURS LOST: _____	HOURS RUN: _____ HOURS LOST: _____
CAUSE OF TIME LOST: _____	CAUSE OF TIME LOST: _____	CAUSE OF TIME LOST: _____

RECORD OF HOLE MADE				RECORD OF HOLE MADE				RECORD OF HOLE MADE			
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
								0	55	clay sand	
								55	285	ROCK & shale	

BIT RUN (KIND) _____ (NO.) _____ NO. OF HOURS RUN ROCK BIT: _____ CONE NOS. _____ SIZE _____ SET NO. _____ JOINTS OF PIPE IN HOLE _____ SIZE _____ MUD USED (KIND AND AMOUNT): AQUAGEL _____ HULLS _____ ZEOGEL _____ OTHER _____ DAY WORK (CORING, CIRCULATING, ETC.): _____ CASING RECORD (SIZE, CEMENT, ETC.): _____	BIT RUN (KIND) _____ (NO.) _____ NO. OF HOURS RUN ROCK BIT: _____ CONE NOS. _____ SIZE _____ SET NO. _____ JOINTS OF PIPE IN HOLE _____ SIZE _____ MUD USED (KIND AND AMOUNT): AQUAGEL _____ HULLS _____ ZEOGEL _____ OTHER _____ DAY WORK (CORING, CIRCULATING, ETC.): _____ CASING RECORD (SIZE, CEMENT, ETC.): _____	BIT RUN (KIND) <u>SCC</u> (NO.) _____ NO. OF HOURS RUN ROCK BIT: _____ CONE NOS. <u>53J</u> SIZE <u>12 1/4</u> SET NO. _____ JOINTS OF PIPE IN HOLE _____ SIZE _____ MUD USED (KIND AND AMOUNT): AQUAGEL <u>30</u> HULLS <u>5</u> ZEOGEL _____ OTHER <u>lime 4</u> DAY WORK (CORING, CIRCULATING, ETC.): _____ CASING RECORD (SIZE, CEMENT, ETC.): _____
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REMARKS: <u>Dug cellar & ditches. Help rig up on Potter B#1.</u>	REMARKS: <u>tearing down & loading out rig on Little #4 Rigging up on Potter B-1</u>	REMARKS: <u>dug rat hole spudded @ 6:15</u>
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NAME OF EMPLOYEE		NAME OF EMPLOYEE		NAME OF EMPLOYEE	
<u>ERVIN HERMAN</u>	<u>8 HRS.</u>	<u>Jim Lee Wright</u>	<u>12 Hrs</u>	<u>Art</u>	<u>Herrman 8 hrs</u>
<u>DONALD EATON</u>	<u>8 "</u>	<u>C.W. Pratt</u>	<u>12 "</u>	<u>Gilbert</u>	<u>Herrman 8 "</u>
<u>VAUGHN SNIDER</u>	<u>8 "</u>	<u>Harold Little</u>	<u>12 "</u>	<u>W.C. Darr</u>	<u>8 "</u>
<u>LAWRENCE HERMAN</u>	<u>8 "</u>	<u>T.D. Buffington</u>	<u>"</u>	<u>T. Herrman</u>	<u>8 "</u>

RED TIGER DRILLING COMPANY DAILY DRILLING REPORT

RIG NO. 1 FARM Potter WELL NO. B#1 COMPANY GLEN Rupe PUSHER Buffington DATE 9-18-73

FOR 8 HOURS ENDING AT 7:00 A.M.	FOR 8 HOURS ENDING AT 3:00 P.M.	FOR 8 HOURS ENDING AT 11:00 P.M.
HOURS RUN: <u>3</u> HOURS LOST: <u>5</u>	HOURS RUN: HOURS LOST:	HOURS RUN: HOURS LOST:
CAUSE OF TIME LOST: <u>REMARKS</u>	CAUSE OF TIME LOST:	CAUSE OF TIME LOST:

RECORD OF HOLE MADE				RECORD OF HOLE MADE				RECORD OF HOLE MADE			
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
285	380	SHALE		380	470	shale SAND		770	946	Red bed	
				470	530	pyzitesAND		946	979	Anhydrite	
				530	590	SAND		979	994	shale & shaly	
				590	653	Shale. 12 1/4 Hole					
				653	770	SHALE Red bed 7 7/8" Hole					

RUN (KIND) <u>Sec.</u> (NO.) NO. OF HOURS RUN ROCK BIT: CONE NOS. <u>S3J-</u> SIZE <u>1 1/4</u> SET NO. JOINTS OF PIPE IN HOLE SIZE <u>4 5/8" XH</u> MUD USED (KIND AND AMOUNT): AQUAGEL HULLS ZEOGEL <u>SALT - 80 SKS.</u> OTHER <u>Superbar - 50 SKS.</u> DAY WORK (CORING, CIRCULATING, ETC.):	BIT RUN (KIND) <u>(sec-RR)</u> (NO.) <u>1</u> NO. OF HOURS RUN ROCK BIT: CONE NOS. <u>S3J-J.R.T. NEW</u> SIZE <u>2 1/4 - 7 7/8</u> SET NO. JOINTS OF PIPE IN HOLE SIZE <u>4 1/2" XH</u> MUD USED (KIND AND AMOUNT): AQUAGEL HULLS ZEOGEL OTHER DAY WORK (CORING, CIRCULATING, ETC.):	BIT RUN (KIND) <u>D.T. Sin</u> (NO.) <u>1</u> NO. OF HOURS RUN ROCK BIT: CONE NOS. <u>Dot tip</u> SIZE <u>7 7/8</u> SET NO. JOINTS OF PIPE IN HOLE SIZE MUD USED (KIND AND AMOUNT): AQUAGEL HULLS ZEOGEL OTHER DAY WORK (CORING, CIRCULATING, ETC.): <u>Finished</u> <u>delg - pulled 7 7/8 went</u> <u>in hole wt 12 1/4 reamed</u> CASING RECORD (SIZE, CEMENT, ETC.): <u>3' 10 6 55</u>
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CASING RECORD (SIZE, CEMENT, ETC.): <u>Circ. Wait on mud.</u> <u>till 2:30 AM. mix 80 sks. salt. 50 sks. of</u> <u>SUPERBAR.</u> REMARKS: <u>SERV. Rig. Pump 1/2 HR.</u>	CASING RECORD (SIZE, CEMENT, ETC.): <u>SH to 610 = 3 1/4</u> <u>pulled 12 1/4 BI 7 @ 653 12 1/4 Hole</u> <u>Ran New RT 7 7/8" Back in hole</u> REMARKS:	CASING RECORD (SIZE, CEMENT, ETC.): <u>3' 10 6 55</u> <u>connect to run pipe Ram</u> <u>17 lbs pipe & 8 7/8" Used 24#</u> REMARKS: <u>double 5ms. Set @ 653'</u> <u>1/4 landing ft. Cemented 1/200 sks. 60-40</u> <u>Poz 2% gel. 2% C.C. 150 sks. com.</u> <u>1 3/4 C.C. Plug down @ 11:45 P.M. Cem. Circ.</u>
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NAME OF EMPLOYEE		NAME OF EMPLOYEE		NAME OF EMPLOYEE	
Ervin HERMAN	8 Hrs.	Jim. Lowright	8 Hrs	Art	Herrman 8 hrs
Donald EATON	8 "	C.W. pratt	8 "	Gilbert	Herrman 8 "
Vaughn SNIDER	8 "	Harold. little	8 "	W.C.	Dorr flux 8 "
LAWRENCE HERMAN	8 "	T. Buffington	"	Ita	Rosenitzan 8 "

RED TIGER DRILLING COMPANY DAILY DRILLING REPORT

RIG NO. 1 FARM POTTER WELL NO. 13#1 COMPANY GLEN RUPE PUSHER Buffington DATE 9-19-73

FOR 8 HOURS ENDING AT 7:00 A.M.	FOR 8 HOURS ENDING AT 3:00 P.M.	FOR 8 HOURS ENDING AT 11:00 P.M.
HOURS RUN: _____ HOURS LOST: _____	HOURS RUN: <u>1 1/2</u> HOURS LOST: <u>6 1/2</u>	HOURS RUN: <u>7 1/2</u> HOURS LOST: <u>1/2</u>
CAUSE OF TIME LOST: <u>REMARKS</u>	CAUSE OF TIME LOST: <u>WOP WORKING</u>	CAUSE OF TIME LOST: _____

RECORD OF HOLE MADE				RECORD OF HOLE MADE				RECORD OF HOLE MADE			
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
<u>994</u>				<u>994</u>	<u>1110</u>	<u>Red Bed Shale</u>		<u>1110</u>	<u>1555</u>	<u>Red Bed-shale</u>	
								<u>1555</u>	<u>1665</u>	<u>shale & limestone</u>	
		<u>W.O.C. 7 1/4 Hrs</u>									

BIT RUN (KIND) <u>DGJ (RT)</u> (NO.) <u>2</u>	BIT RUN (KIND) <u>DE-J. smith</u> (NO.) <u>2</u>	BIT RUN (KIND) <u>DET</u> (NO.) <u>2</u>
NO. OF HOURS RUN ROCK BIT: _____	NO. OF HOURS RUN ROCK BIT: <u>1 1/4</u>	NO. OF HOURS RUN ROCK BIT: <u>9</u>
CONE NOS. <u>Retip</u> SIZE <u>7 7/8"</u> SET NO. _____	CONE NOS. <u>NEW RETIP</u> SIZE <u>7 7/8"</u> SET NO. _____	CONE NOS. <u>PT.</u> SIZE <u>7 7/8"</u> SET NO. _____
JOINTS OF PIPE IN HOLE _____ SIZE <u>4 1/2" X H</u>	JOINTS OF PIPE IN HOLE _____ SIZE <u>4 1/2" X H</u>	JOINTS OF PIPE IN HOLE _____ SIZE _____
MUD USED (KIND AND AMOUNT): _____	MUD USED (KIND AND AMOUNT): _____	MUD USED (KIND AND AMOUNT): _____

AQUAGEL _____	AQUAGEL _____	AQUAGEL _____
HULLS _____	HULLS _____	HULLS _____
ZEOGEL _____	ZEOGEL _____	ZEOGEL _____
OTHER _____	OTHER _____	OTHER _____

DAY WORK (CORING, CIRCULATING, ETC.):

_____	changed oil & filters in #1 & #2 motors	_____
_____	pulled broke off start out	_____

CASING RECORD (SIZE, CEMENT, ETC.):

Plug down @ 11:45 PM	9 FMud pump drilled 30' hard cement	_____
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REMARKS:

Sett cellar + pits clean. Nipple up. Went in hole w/ Bit #2	Drilled plug @ 1:30 PM washed 100' to bottom Drilling @ 1:45 PM.	Ser. Rig - put new v.c. gasket on pump - get pit
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NAME OF EMPLOYEE		NAME OF EMPLOYEE		NAME OF EMPLOYEE	
<u>ERVIN HERMAN</u>	<u>8 Hrs.</u>	<u>Jim Lee Wright</u>	<u>8 Hrs</u>	<u>Art Herrman</u>	<u>8 hrs</u>
<u>DONALD EATON</u>	<u>8 "</u>	<u>C.W. Pratt</u>	<u>8 "</u>	<u>Gilbert Herrman</u>	<u>8 "</u>
<u>VAUGHN SWIDER</u>	<u>8 "</u>	<u>Harold Little</u>	<u>8 "</u>	<u>W.C. Doerfler</u>	<u>8 "</u>
<u>LAWRENCE HERMAN</u>	<u>8 "</u>	<u>M. Buffington</u>	<u>8 "</u>	<u>T. P. ...</u>	<u>8 "</u>

**RED TIGER DRILLING COMPANY
DAILY DRILLING REPORT**

RIG NO. 1 FARM Potter WELL NO. B#1 COMPANY GLEN Rupe PUSHER Buffington DATE 9-20-73

FOR 8 HOURS ENDING AT 7:00 A.M.	FOR 8 HOURS ENDING AT 3:00 P.M.	FOR 8 HOURS ENDING AT 11:00 P.M.
HOURS RUN: <u>6 1/4</u> HOURS LOST: <u>1 3/4</u>	HOURS RUN: <u>7 1/2</u> HOURS LOST: <u>1/2</u>	HOURS RUN: <u>7 3/4</u> HOURS LOST: <u>1/4</u>
CAUSE OF TIME LOST: <u>REMARKS</u>	CAUSE OF TIME LOST:	CAUSE OF TIME LOST:

RECORD OF HOLE MADE				RECORD OF HOLE MADE				RECORD OF HOLE MADE			
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
<u>1065</u>	<u>1810</u>	<u>Shale + Lime</u>		<u>1810</u>	<u>1980</u>	<u>Lime shale</u>		<u>1980</u>	<u>2155</u>	<u>Lime & shale</u>	

BIT RUN (KIND) <u>DGJ(RT) - J33(RB-RR)</u> (NO.) <u>2-3</u> NO. OF HOURS RUN ROCK BIT: <u>11 - 4 1/4 + 49 3/4 = 54</u> CONE NOS. <u>RT - RB</u> SIZE <u>7 3/8"</u> SET NO. JOINTS OF PIPE IN HOLE SIZE <u>4 1/2" XH</u>	BIT RUN (KIND) <u>(J33) (REBUILT) RR</u> (NO.) <u>3</u> NO. OF HOURS RUN ROCK BIT: <u>11 3/4 + 49 3/4 = 61 1/2</u> CONE NOS. <u>PERUN</u> SIZE <u>7 3/8"</u> SET NO. JOINTS OF PIPE IN HOLE SIZE <u>4 1/2" XH</u>	BIT RUN (KIND) <u>J-33 (RB)</u> (NO.) <u>3</u> NO. OF HOURS RUN ROCK BIT: <u>19 1/2 + 49 3/4 = 69 1/4</u> CONE NOS. <u>RB</u> SIZE <u>7 3/8"</u> SET NO. JOINTS OF PIPE IN HOLE SIZE
MUD USED (KIND AND AMOUNT): AQUAGEL HULLS ZEOGEL OTHER	MUD USED (KIND AND AMOUNT): AQUAGEL HULLS ZEOGEL OTHER	MUD USED (KIND AND AMOUNT): AQUAGEL HULLS ZEOGEL OTHER
DAY WORK (CORING, CIRCULATING, ETC.):	DAY WORK (CORING, CIRCULATING, ETC.):	DAY WORK (CORING, CIRCULATING, ETC.):

CASING RECORD (SIZE, CEMENT, ETC.):
S.H.T. 78°

REMARKS: SERV. Rig. Bit Trip + S.H.T. @ 1738'
D.B. @ 2:45 A.M.

REMARKS: CR Rig Jet shale pit

REMARKS: Serv. Rig

Bit #2 Made 744' in 11 HRS.

NAME OF EMPLOYEE		NAME OF EMPLOYEE		NAME OF EMPLOYEE	
<u>ERVIN HERMAN</u>	<u>8 HRS.</u>	<u>Jim' Lecwright</u>	<u>8 hrs</u>	<u>Art Herrman</u>	<u>8 hrs</u>
<u>DONALD EATON</u>	<u>8"</u>	<u>C.W. Pratt</u>	<u>8"</u>	<u>Bilbert Herrman</u>	<u>8 u</u>
<u>Vaughn Snider</u>	<u>8"</u>	<u>Harold Little</u>	<u>8"</u>	<u>W.C. Daxpler</u>	<u>8"</u>
<u>LAWRENCE HERMAN</u>	<u>8"</u>	<u>J. Buffington</u>	<u>"</u>	<u>Joe Peritzen</u>	<u>8"</u>

RED TIGER DRILLING COMPANY DAILY DRILLING REPORT

RIG NO. 1	FARM Potter	WELL NO. B#1	COMPANY GLEN Rupe	PUSHER Buffington	DATE 9-21-73						
FOR 8 HOURS ENDING AT 7:00 A.M.		FOR 8 HOURS ENDING AT 3:00 P.M.		FOR 8 HOURS ENDING AT 11:00 P.M.							
HOURS RUN: 7 1/2 HOURS LOST: 1/2		HOURS RUN: 7 1/2 HOURS LOST: 1/2		HOURS RUN: 7 3/4 HOURS LOST: 1/4							
CAUSE OF TIME LOST: REMARKS		CAUSE OF TIME LOST:		CAUSE OF TIME LOST:							
RECORD OF HOLE MADE		RECORD OF HOLE MADE		RECORD OF HOLE MADE							
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
2155	2300	Lime + Shale		2300	2510	shale w/ lime		2510	2635	Lime & shale	
BIT RUN (KIND) J33(RB) (NO.) 3		BIT RUN (KIND) J33(RB) (NO.) 3		BIT RUN (KIND) J-33(RB) (NO.) 3							
NO. OF HOURS RUN ROCK BIT: 27 + 49 3/4 = 76 3/4		NO. OF HOURS RUN ROCK BIT: 34 1/2 + 49 3/4 = 84 1/4		NO. OF HOURS RUN ROCK BIT: 42 1/4 + 49 3/4 = 92							
CONE NOS RR SIZE 7 7/8" SET NO.		CONE NOS (RERUN) SIZE 7 7/8" SET NO.		CONE NOS RR SIZE 7 7/8" SET NO.							
JOINTS OF PIPE IN HOLE SIZE 4 1/2" XH		JOINTS OF PIPE IN HOLE SIZE 4 1/2" XH		JOINTS OF PIPE IN HOLE SIZE							
MUD USED (KIND AND AMOUNT):		MUD USED (KIND AND AMOUNT):		MUD USED (KIND AND AMOUNT):							
AQUAGEL		AQUAGEL		AQUAGEL							
HULLS		HULLS		HULLS							
ZEOGEL		ZEOGEL		ZEOGEL							
OTHER		OTHER		OTHER							
DAY WORK (CORING, CIRCULATING, ETC.):		DAY WORK (CORING, CIRCULATING, ETC.):		DAY WORK (CORING, CIRCULATING, ETC.):							
CASING RECORD (SIZE, CEMENT, ETC.):		CASING RECORD (SIZE, CEMENT, ETC.):		CASING RECORD (SIZE, CEMENT, ETC.):							
REMARKS: SERV. Rig. Jeff shale pit.		REMARKS: CRIG		REMARKS: SERV. Rig							
NAME OF EMPLOYEE		NAME OF EMPLOYEE		NAME OF EMPLOYEE							
ERVIN HERMAN 8 HRS.		Jim. Koenwright 8 HRS		Art Herrman 8 hrs							
DONALD EATON 8"		C.W. Pratt 8"		Gilbert Herrman 8 hrs							
VAUGHN SNIDER 8"		Harold Little 8"		W.C. Dorrler 8 hrs							
LAWRENCE HERMAN 8"		T. Buffington 4		J. Herrman 8 hrs							

RED TIGER DRILLING COMPANY

DAILY DRILLING REPORT

RIG NO. 1 FARM Potter WELL NO. B#1 COMPANY Glen Rupe PUSHER Buffington DATE 9-22-73

FOR 8 HOURS ENDING AT 7:00 A.M.	FOR 8 HOURS ENDING AT 3:00 P.M.	FOR 8 HOURS ENDING AT 11:00 P.M.
HOURS RUN: <u>5 1/2</u> HOURS LOST: <u>2 1/2</u>	HOURS RUN: <u>5 1/4</u> HOURS LOST: <u>2 3/4</u>	HOURS RUN: <u>7 3/4</u> HOURS LOST: <u>1/4</u>
CAUSE OF TIME LOST: <u>REMARKS</u>	CAUSE OF TIME LOST:	CAUSE OF TIME LOST:

RECORD OF HOLE MADE				RECORD OF HOLE MADE				RECORD OF HOLE MADE			
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
2635	2750	Lime & Shale		2750	2829	Lime		2829	2895	shale & lime	

BIT RUN (KIND) <u>J-33(RB)</u> (NO.) <u>3</u> NO. OF HOURS RUN ROCK BIT: <u>4 1/4 + 4 3/4 = 9 1/2</u> CONE NOS. <u>RR</u> SIZE <u>7 7/8"</u> SET NO. <u> </u> JOINTS OF PIPE IN HOLE SIZE <u>4 1/2" XH</u> MUD USED (KIND AND AMOUNT): AQUAGEL HULLS - <u>9 sks</u> ZEOGEL - <u>12 sks.</u> OTHER DAY WORK (CORING, CIRCULATING, ETC.):	BIT RUN (KIND) <u>(J33) RB</u> (NO.) <u>3</u> NO. OF HOURS RUN ROCK BIT: <u>5 3/4 + 4 3/4 = 10 3/4</u> CONE NOS. <u>(RR)</u> SIZE <u>7 7/8"</u> SET NO. <u> </u> JOINTS OF PIPE IN HOLE SIZE <u>4 1/2" XH</u> MUD USED (KIND AND AMOUNT): <u>(40 BBLs oil)</u> 5 SKS Soda Ash HULLS <u>6 SKS - 100# press</u> 2-5-BA 1 Buckets SUN MUD OTHER <u>(35 SKS starch)</u> DAY WORK (CORING, CIRCULATING, ETC.):	BIT RUN (KIND) <u>F4 (RR)</u> (NO.) <u>4</u> NO. OF HOURS RUN ROCK BIT: <u>8 + 34 = 42</u> CONE NOS. <u>NN 683</u> SIZE <u>7 7/8"</u> SET NO. <u> </u> JOINTS OF PIPE IN HOLE SIZE <u> </u> MUD USED (KIND AND AMOUNT): AQUAGEL HULLS ZEOGEL <u>25 sacks</u> OTHER <u>+ 10 lbs</u> DAY WORK (CORING, CIRCULATING, ETC.):
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CASING RECORD (SIZE, CEMENT, ETC.): REMARKS: <u>SERV. Rig. Jett pit to mud up. Lost Returns. Pulled 3 stds. Mix mud hulls. Put cap stud in pump. Lost 2 lbs.</u>	CASING RECORD (SIZE, CEMENT, ETC.): REMARKS: <u>Strapped pipe out of hole. Board 2846-75. Strap 2844 80. 155 NO.</u> <u>pulled Bit # 3 @ 2829</u> <u>Made 1091' in 53 hrs</u> <u>OB with Bit # 4 (RR) FH</u> <u>@ 245 PM</u>	CASING RECORD (SIZE, CEMENT, ETC.): REMARKS: <u>Serv. Rig</u>
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NAME OF EMPLOYEE		NAME OF EMPLOYEE		NAME OF EMPLOYEE	
ERVIN HERMAN	8 HRS.	Jim Lee Wright	8 Hrs	Art Herrman	8 hrs
DONALD EATON	8"	C.W. Pratt	8"	Gilbert Herrman	8"
VAUGHN SNIDER	8"	Harold Little	8"	W.C. Doerfler	8"
LAWRENCE HERMAN	8"	T. Buffington	"		8"

RED TIGER DRILLING COMPANY DAILY DRILLING REPORT

RIG NO. 1	FARM POTTER	WELL NO. B #1	COMPANY GLEN Rupe	PUSHER Buffington	DATE 9-23-73						
FOR 8 HOURS ENDING AT 7:00 A.M.		FOR 8 HOURS ENDING AT 3:00 P.M.		FOR 8 HOURS ENDING AT 11:00 P.M.							
HOURS RUN: 7 3/4 HOURS LOST: 1/4		HOURS RUN: 7 3/4 HOURS LOST: 1/4		HOURS RUN: 8 3/4 HOURS LOST: 4 3/4							
CAUSE OF TIME LOST: REMARKS		CAUSE OF TIME LOST:		CAUSE OF TIME LOST:							
RECORD OF HOLE MADE		RECORD OF HOLE MADE		RECORD OF HOLE MADE							
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
2895	2980	LIME+SHALE		2980	3065	lime		3065	3093	lime	
BIT RUN (KIND) F4 (RR) (NO.) 4		BIT RUN (KIND) Smith F4 (RR) (NO.) 4		BIT RUN (KIND) F4 RR (NO.) 4							
NO. OF HOURS RUN ROCK BIT: 15 3/4 + 34 = 49 3/4		NO. OF HOURS RUN ROCK BIT: 23 1/2 + 34 = 57 1/2		NO. OF HOURS RUN ROCK BIT: 26 3/4 + 34 = 60 3/4							
CONE NOS. NN683 SIZE 7 7/8" SET NO.		CONE NOS. NN683 SIZE 7 7/8" SET NO.		CONE NOS. NN683 SIZE 7 7/8" SET NO.							
JOINTS OF PIPE IN HOLE SIZE 4 1/2" XH		JOINTS OF PIPE IN HOLE SIZE 4 1/2" XH		JOINTS OF PIPE IN HOLE SIZE							
MUD USED (KIND AND AMOUNT):		MUD USED (KIND AND AMOUNT):		MUD USED (KIND AND AMOUNT):							
AQUAGEL		AQUAGEL		AQUAGEL							
HULLS		HULLS		HULLS							
ZEOGEL		ZEOGEL 15 SKS		ZEOGEL							
OTHER		OTHER 8 SKS starch		OTHER							
DAY WORK (CORING, CIRCULATING, ETC.):		DAY WORK (CORING, CIRCULATING, ETC.):		DAY WORK (CORING, CIRCULATING, ETC.): give. For spls c 3093 - 1 hr. DST #1 from 3050 to 3093 - 43" anchor							
CASING RECORD (SIZE, CEMENT, ETC.):		CASING RECORD (SIZE, CEMENT, ETC.):		CASING RECORD (SIZE, CEMENT, ETC.): open @ 10:00 open 30 wt weak blow ST 30							
REMARKS: SERV. Rig		REMARKS: CRIS		REMARKS: serv. Rig							
NAME OF EMPLOYEE		NAME OF EMPLOYEE		NAME OF EMPLOYEE							
ERVIN HERMAN 8 HRS.		Jim. Leewright 8 HRS		Art Herrman 8 hrs							
DONALD EATON 8 "		C.W. Pratt 8 "		Gilbert Herrman 8 "							
VAUGHN SNIDER 8 "		Harold Little 8 "		W.C. Doerfler 8 "							
LAWRENCE HERMAN 8 "		J I Buffington "		+ 8 "							

RED TIGER DRILLING COMPANY DAILY DRILLING REPORT

RIG NO.	FARM	WELL NO.	COMPANY	PUSHER	DATE						
1	Potter	B#1	Glen Rupe	Buffington	9-24-73						
FOR 8 HOURS ENDING AT 7:00 A.M.		FOR 8 HOURS ENDING AT 3:00 P.M.		FOR 8 HOURS ENDING AT 11:00 P.M.							
HOURS RUN: 4 HOURS LOST: 4		HOURS RUN: 6 ¹ / ₄ HOURS LOST: 1 ¹ / ₄		HOURS RUN: HOURS LOST:							
CAUSE OF TIME LOST: Remarks		CAUSE OF TIME LOST: PFS		CAUSE OF TIME LOST:							
RECORD OF HOLE MADE				RECORD OF HOLE MADE				RECORD OF HOLE MADE			
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
3093	3125	Lime		3125	3183	Lime		3183			
4 Hrs. Co. Time w/O.P.				1 Hr 20 TIME w/O.P.				8 hrs. Co time w/O.P.			
BIT RUN (KIND) F4 (RR) (NO.) 4		NO. OF HOURS RUN ROCK BIT: 30 ³ / ₄ + 34 = 64 ³ / ₄		BIT RUN (KIND) SMIT6 (F4) RR (NO.) 4		NO. OF HOURS RUN ROCK BIT: 37 + 34 = 71		BIT RUN (KIND) F4 RR (NO.) 4		NO. OF HOURS RUN ROCK BIT:	
CONE NOS. NN683 SIZE 7 ⁷ / ₈ SET NO.		JOINTS OF PIPE IN HOLE SIZE 4 ¹ / ₂ " X H		CONE NOS. NN683 SIZE 7 ⁷ / ₈ SET NO.		JOINTS OF PIPE IN HOLE SIZE 4 ¹ / ₂ " X H		CONE NOS. SIZE 7 ⁷ / ₈ SET NO.		JOINTS OF PIPE IN HOLE SIZE	
MUD USED (KIND AND AMOUNT):				MUD USED (KIND AND AMOUNT):				MUD USED (KIND AND AMOUNT):			
AQUAGEL				AQUAGEL				AQUAGEL 3 sacks shug plug			
HULLS				HULLS				HULLS 8 sacks			
ZEOGEL				ZEOGEL				ZEOGEL 46 sacks			
OTHER opening phase (4-30)				OTHER 8 SKS starch				OTHER			
DAY WORK (CORING, CIRCULATING, ETC.): DST #1 (3050-93) Op. 30, Cl. 30, Pulled Test Tool, Rec. 25' oil Cut and FFP = FFP = IBHP = 5377 BHP = 497				DAY WORK (CORING, CIRCULATING, ETC.): PFS 1 hr.				DAY WORK (CORING, CIRCULATING, ETC.): Lost circ: pulled 4 stds. mixed pit of mud got circ. back - went back in hole			
CASING RECORD (SIZE, CEMENT, ETC.): Went in hole 4 ¹ / ₂ bit. O.B. @ 3:00 A.M.				CASING RECORD (SIZE, CEMENT, ETC.):				CASING RECORD (SIZE, CEMENT, ETC.): mixed 46 salt mud DST #2 from 3123-3183 60' anchor - tool open @			
REMARKS:				REMARKS: OK Rig work on pump 45 min				REMARKS: 10:35			
NAME OF EMPLOYEE		NAME OF EMPLOYEE		NAME OF EMPLOYEE							
ERVIN HERMAN	8 Hrs.	Tim. Leewright	8 Hrs	Art Herrman	8 hrs						
DONALD EATON	8 "	C.W. Pratt	8 "	Gilbert Herrman	8 "						
Vaughn Swider	8 "	Harold Little	8 "	W.C. Doerfler	8 "						
LAWRENCE HERMAN	8 "	T. Buffington	"	T. Buffington	8 "						

**RED TIGER DRILLING COMPANY
DAILY DRILLING REPORT**

RIG NO. 1 FARM POTTER WELL NO. B#1 COMPANY GLEN RUPE PUSHER Buffington DATE 9-25-73

FOR 8 HOURS ENDING AT 7:00 A.M. HOURS RUN: <u>2</u> HOURS LOST: <u>6</u> CAUSE OF TIME LOST: <u>REMARKS</u>	FOR 8 HOURS ENDING AT 3:00 P.M. HOURS RUN: <u>7 1/2</u> HOURS LOST: <u>1/2</u> CAUSE OF TIME LOST:	FOR 8 HOURS ENDING AT 11:00 P.M. HOURS RUN: <u>5</u> HOURS LOST: <u>3</u> CAUSE OF TIME LOST:
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RECORD OF HOLE MADE				RECORD OF HOLE MADE				RECORD OF HOLE MADE			
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
3183	3195	Lime		3195	7260	lime		3260	3319	Lime	
	<u>6</u>	<u>X Hrs. Co. Time w/D.P.</u>							<u>1 1/4 hr</u>	<u>Co time w/D.P.</u>	

BIT RUN (KIND) <u>F4 (RR)</u> (NO.) <u>4</u> NO. OF HOURS RUN ROCK BIT: <u>39 + 34 = 73</u> CONE NOS. <u>NN683</u> SIZE <u>7 7/8"</u> SET NO. JOINTS OF PIPE IN HOLE SIZE <u>4 1/2" X H</u>	BIT RUN (KIND) <u>F4 RR.</u> (NO.) <u>4</u> NO. OF HOURS RUN ROCK BIT: <u>44 1/2 + 34 = 80 1/2</u> CONE NOS. <u>NN683</u> SIZE <u>7 1/8"</u> SET NO. JOINTS OF PIPE IN HOLE SIZE <u>4 1/2" X H</u>	BIT RUN (KIND) <u>F4 BR</u> (NO.) <u>4</u> NO. OF HOURS RUN ROCK BIT: <u>51 1/2 + 34 = 85 1/2</u> CONE NOS. <u>NN683</u> SIZE <u>7 7/8"</u> SET NO. JOINTS OF PIPE IN HOLE SIZE
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MUD USED (KIND AND AMOUNT): AQUAGEL HULLS ZEOGEL OTHER <u>STARCH - 10 SKS.</u>	MUD USED (KIND AND AMOUNT): AQUAGEL <u>2 SKS Dicks mud seal</u> HULLS <u>6 SKS</u> ZEOGEL <u>3 SKS plugged</u> OTHER	MUD USED (KIND AND AMOUNT): AQUAGEL HULLS ZEOGEL OTHER
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DAY WORK (CORING, CIRCULATING, ETC.): <u>DST #2 (3123-83)</u> <u>Ch. 30, Op. 30, Ch. 30. Pulled Test Tool.</u> <u>Rec. 1140' S. WATER IF. 153, FF 613</u>	DAY WORK (CORING, CIRCULATING, ETC.):	DAY WORK (CORING, CIRCULATING, ETC.):
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CASING RECORD (SIZE, CEMENT, ETC.): <u>ISI. 1276, FSI. 1130</u> <u>Went in hole w/Bit. O.B. @ 5:00 A.M.</u>	CASING RECORD (SIZE, CEMENT, ETC.):	CASING RECORD (SIZE, CEMENT, ETC.):
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REMARKS: <u>Repair Hoisting Chain 1 Hr.</u>	REMARKS: <u>pk Rig</u> <u>put on 2 new light plants</u> <u>Belts</u>	REMARKS: <u>Sen. Rig put new binder</u> <u>rubber in pump-doghouse side</u>
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NAME OF EMPLOYEE	NAME OF EMPLOYEE	NAME OF EMPLOYEE
<u>ERVIN HERMAN</u> 8 Hrs.	<u>Jim. Leewright</u> 8 Hrs	<u>Art Herrman</u> 8 hrs
<u>DONALD EATON</u> 8"	<u>C.W. pratt</u> 8"	<u>Gilbert Herrman</u> 8"
<u>Vaughn Snider</u> 8"	<u>Harold. Little</u> 8"	<u>W.C. Dorrpler</u> 8"
<u>LAWRENCE HERMAN</u> 8"	<u>T. Buffington</u> "	<u>T. ...</u> 8"

RED TIGER DRILLING COMPANY DAILY DRILLING REPORT

RIG NO. 1	FARM Potter	WELL NO. B#1	COMPANY GLEN RYE	PUSHER Buffington	DATE 9-26-73						
FOR 8 HOURS ENDING AT 7:00 A.M.		FOR 8 HOURS ENDING AT 3:00 P.M.		FOR 8 HOURS ENDING AT 11:00 P.M.							
HOURS RUN: 3/4 HOURS LOST: 7/4		HOURS RUN: HOURS LOST:		HOURS RUN: HOURS LOST:							
CAUSE OF TIME LOST: REMARKS		CAUSE OF TIME LOST:		CAUSE OF TIME LOST:							
RECORD OF HOLE MADE		RECORD OF HOLE MADE		RECORD OF HOLE MADE							
FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET	FROM	TO	FORMATION	FEET
3319	3325	Lime									
1 1/2 Hrs. Co. Time w/D.P.											
BIT RUN (KIND) F4 (RR) (NO.) 4		BIT RUN (KIND) (NO.)		BIT RUN (KIND) (NO.)							
NO. OF HOURS RUN ROCK BIT: 52 1/4 + 34 = 86 1/2		NO. OF HOURS RUN ROCK BIT:		NO. OF HOURS RUN ROCK BIT:							
CONE NOS. NN683 SIZE 7 7/8" SET NO.		CONE NOS. SIZE SET NO.		CONE NOS. SIZE SET NO.							
JOINTS OF PIPE IN HOLE SIZE 4 1/2" X 4"		JOINTS OF PIPE IN HOLE SIZE		JOINTS OF PIPE IN HOLE SIZE							
MUD USED (KIND AND AMOUNT):		MUD USED (KIND AND AMOUNT):		MUD USED (KIND AND AMOUNT):							
AQUAGEL		AQUAGEL		AQUAGEL							
HULLS		HULLS		HULLS							
ZEOGEL		ZEOGEL		ZEOGEL							
OTHER		OTHER		OTHER							
DAY WORK (CORING, CIRCULATING, ETC.): C.F.S. @ 3325' - 1 1/2 HRS		DAY WORK (CORING, CIRCULATING, ETC.): plug @ 650'		DAY WORK (CORING, CIRCULATING, ETC.):							
Laid down D.P. & D.C.'s.		w/ 50 sacks 50-50 peg, plug @ 300' w/ 25 sacks.									
CASING RECORD (SIZE, CEMENT, ETC.):		CASING RECORD (SIZE, CEMENT, ETC.): plug-bridge		CASING RECORD (SIZE, CEMENT, ETC.):							
		To hold Kelly @ 400' w/ 10 sacks job complete									
REMARKS: SERVICE Rig.		REMARKS: @ 11:45 A.M.		REMARKS: help plug hole & tear down							
NAME OF EMPLOYEE		NAME OF EMPLOYEE		NAME OF EMPLOYEE							
ERVIN HERMAN 8 HRS.		Jim Macwright 8 hrs		Art Herrman 8 hrs							
Donald Eaton 8 "		C. W. Pratt 8 "		Gilbert Herrman 8 "							
Vaughn Snider 8 "		Harold Little 8 "		W. C. Doerfler 8 "							
Lawrence Herman 8 "		+ 10 min. at 11:45		+ 10 min. at 11:45							