

OWWO

COUNTY: LEA FIELD Ranger Lake STATE NM MN 21769

OPR PHILLIPS PET. CO. MAP

14 West Ranger Lake Unit

Sec 23, T-12-S, R-34-E CO-ORD

1980' FSL, 1980' FWL of Sec.

Re-Spd 8-29-69 CLASS OWDF

Re-Cmp 9-2-69

	FORMATION	DATUM	FORMATION	DATUM
CSG & SX - TUBING				
13 3/8" at 358' w/400 sx				
8 5/8" at 4205' w/385 sx				
4 1/2" at 12,907' w/800 sx				
LOGS EL GR RA IND HC A				
	TD 12,940'; PBD 12,900'			

IP (Pennsylvanian) Perfs 10,224-326' P 15 BOPD + 285 BW. Pot based on 24 hr test. GOR 902; Grav 39.3.

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CONT. PROP DEPTH 10,326' TYPE WO  
DATE

10-20-69 F.R.C. 10-23-69; Opr's Elev. 4159' DF  
PD 10,326' WO (Pennsylvanian)  
(Orig. Phillips Pet. Co. #2 West Ranger Unit,  
comp 8-13-66 from OH 12,907-940'(Dev), OTD 12,940')  
TD 12,940'; PBD 12,900'; COMPLETE  
PB to 12,900'  
Perf 10,224-230', 10,234-242', 10,248-253',  
10,264-268', 10,280-284', 10,288-294', 10,310-  
314', 10,322-326' w/1 SPF  
Acid (10,224-326') 5000 gals

10-23-69 COMPLETION REPORTED

COUNTY	LEA	FIELD	Wildcat	STATE	NM
OPR	PHILLIPS PETROLEUM COMPANY				MAP
2 West Ranger Unit					
Sec. 23, T-12-S, R-34-E				CO-ORD	
1980' FSL, 1980' FWL of Sec.				MN 21769	
Spd 5-27-66		CLASS		E	
Cmp 8-8-66		FORMATION	DATUM	FORMATION	
.SG & SX - TUBING					
13 3/8" 358' 400					
8 5/8" 4205' 385					
4 1/2" 12907' 800					
LOGS EL GR RA IND HC A					
		TD 12940'			

IP Devonian Open Hole 12907-940' CAOF 2270 MCFGPD + 281 B Cond.  
+ 29 BW. Pot. Based on 4-point test. GOR 5427, gravity (Cond.)  
56.5, Gravity (Gas) .682.

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CONT. Sharp Drlg. Co.	PROP DEPTH 13,000'	TYPE
DATE		

	F.R. 5-5-66
	PD 13,000' - Devonian
	Contractor - Sharp Drlg. Co.
5-26-66	AMEND OPERATOR, WELL NO. & LEASE DESIGNATION: Formerly TEXAS PACIFIC OIL CO. #1 Ranger Lake.
5-31-66	Drlg. 3275'.
6-6-66	Drlg. 4830'.
6-13-66	Drlg. 6503'.
6-20-66	Drlg. 8486'.
6-27-66	Drlg. 9685'.
7-5-66	Drlg. 10830' 1m. DST (Bough "C") 9908-76', open 2 hrs, Rec 280' Mud + 6223' Salt Wtr, 1 hr 30 min ISIP 3575#, FP 808-3080#, 2 hr FSIP 3485#.
7-11-66	Drlg. 11305' 1m & sh.
7-18-66	Drlg. 11961'.

5-66 Drlg. 12551' lm & ch.  
-66 Drlg. 12925'.  
8-8-66 TD 12940', prep to Ac.  
DST 12899-940', open 1 hr 10 mins,  
WBTS 27 mins, GTS 44 mins,  
Flwd @ 5500 MCFGPD thru 1/2" chk., SFP 860#,  
Rec 1380' Cond. + 120' Cond. CM,  
1 hr ISIP 5033#, FP 1544-1726#,  
2 hr FSIP 5033#.  
8-15-66 TD 12940', testing.  
Acid (OH 12907-940') 500 gals.  
Flwd 71.83 B Cond. + gas @ 1471 MCFGPD  
on 8 hr test thru 16/64" chk., GOR 6810,  
CP 2250-1750#, TP 1800-1400#.

8-22-66 TD 12940', SI for BHP.

8-29-66 TD 12940', COMPLETE.

FOUR-POINT TEST:

<u>Gas Volume</u>	<u>Time</u>	<u>Choke</u>	<u>TP</u>
1687.9 MCFGPD	1 hr	18/64"	1382#
1587.8 MCFGPD	1 hr	17/64"	1537#
1457.8 MCFGPD	1 hr	16/64"	1657#
1356.5 MCFGPD	1 hr	15/64"	1777#

SAMPLE TOPS: San Andres 4150', Wolfcamp  
9103', Bough "C" 9920', Lower Mississippian  
12207', Devonian 12889'.

LOG TOPS: Anhydrite 1986', Yates 2816',  
Queen 3540', San Andres 4149', Glorieta  
5596', Tubb 7013', Abc 7766', Wolfcamp  
9147', Bough 9932', Ranger Lake 10217',  
Chester 11906', Lower Mississippian Lime  
12201', Woodford 12879', Devonian 12893'.

COUNTY	LEA	FIELD	Wildcat	STATE	NM
OPR	PHILLIPS PETROLEUM CO.				MAP
	2 West Ranger Unit				
	Sec. 23, T-12-S, R-34-E				CO-ORD
	1980' FSL, 1980' FWL of Sec.				MN 21769
	CLASS		EL		
	FORMATION	DATUM	FORMATION	DATUM	
CSG & SX - TUBING					
LOGS	EL	GR	RA	IND	HC A

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CONT.	PROP DEPTH	13,000'	TYPE
DATE			

F.R. 5-5-66  
PD 13,000' - Devonian  
5-26-66 AMEND OPERATOR, WELL NO. & LEASE DESIGNATION:  
Formerly TEXAS PACIFIC OIL CO., #1 Ranger Lake.

**NEW MEXICO OIL CONSERVATION COMMISSION**  
**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
 Supersedes C-128  
 Effective 1-1-65

All distances must be from the outer boundaries of the Section.

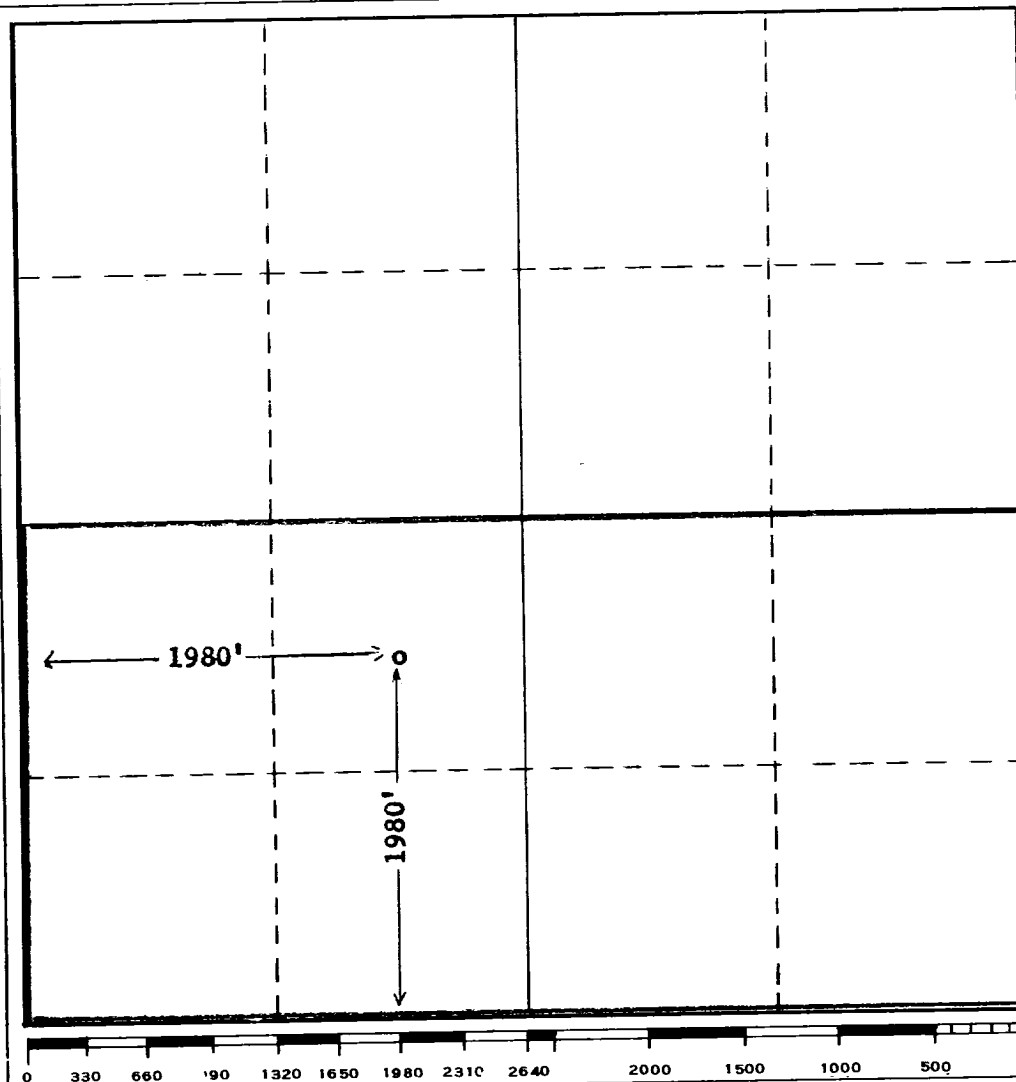
Operator <b>Phillips Petroleum Co.</b> Sub: <b>Texas Pacific Oil Company</b>			Lease <b>West Ranger Unit</b>		Well No. <b>35</b> <b>2</b>
Unit Letter <b>K</b>	Section <b>23</b>	Township <b>12 South</b>	Range <b>34 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>1980</b> feet from the <b>West</b> line					
Ground Level Elev. <b>4150'</b>	Producing Formation		Pool <b>Wildcat</b>		Dedicated Acreage: <b>320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes    ☐ No    If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



**CERTIFICATION**

*I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.*

Name \_\_\_\_\_

Position \_\_\_\_\_

**Area Superintendent**

Company \_\_\_\_\_

**Texas Pacific Oil Company**

Date \_\_\_\_\_

**10-31-66**

*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date Surveyed \_\_\_\_\_

**4/21/66**

Registered Professional Engineer  
and/or Land Surveyor

**John W. West**

Certificate No. \_\_\_\_\_

**676**

