

WRS COMPLETION REPORT

COMPLETIONS SEC 26 TWP 12S RGE 34E
PI# 30-T-0018 08/18/86 30-025-22352-0001 PAGE 1

NMEX LEA * 1980FSL 1980FWL SEC
STATE COUNTY FOOTAGE SPOT
PHILLIPS PET D X DO
OPERATOR WELL CLASS INIT FIN
16 RANGER
WELL NO. LEASE NAME
4160KB 4146GR RANGER LAKE
OPER ELEV FIELD POOL AREA
API 30-025-22352-0001

LEASE TYPE NO. PERMIT OR WELL I.D. NO.
05/04/1984 03/30/1986 OIL-WO
SPUD DATE COMP. DATE TYPE TOOL STATUS
11712 PNNSYLVN NOT RPTD RIG SUB 13
PROJ. DEPTH PROJ. FORM CONTRACTOR
DTD 12863 PB 11712 OTD 12863 FM/TD DEVONIAN
DRILLERS T.D. LOG T.D. PLUG BACK TD OLD T.D. FORM T.D.

LOCATION DESCRIPTION

11 MI SE CAPROCK, NM

CASING/LINER DATA

CSG SQZD (9958-9996) W/50 SX
CSG SQZD (2397-2365) W/350 SX

TUBING DATA

TBG 2 3/8 AT 10100

INITIAL POTENTIAL

IPP 46BOPD 35 MCFD 330BW 24HRS
PNNSYLVN PERF 10245-10280 GROSS 002
PERF 10245-10250 10254-10261 10276-10280
ACID 10245-10280 3500GALS
20% NEFE HCL
GTY 49.8 GOR 763

PRODUCTION TEST DATA

DEVONIAN OPENHOLE 12816-12863 001
OPEN 12816-12863
SQZD 12816-12863 W/ 50S
RET @ 11743
TOP OF CMT @ 11712

CONTINUED IC# 300257021386

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Petroleum Information
CORPORATION

PI-WRS-G
Form No 18

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PHILLIPS PET
16

RANGER

D X DO

DRILLING PROGRESS DETAILS

PHILLIPS PET
4001 PENBROOK ST, RM 401
ODESSA, TX 79762

OWWO: OLD INFO: FORMERLY PHILLIPS PET, #2 WEST
RANGER LAKE UNIT. ELEV 4160 KB. SPUD 12/3/67.
13 3/8 @ 370 W/480, 8 5/8 @ 4200 W/400, 5 1/2 @
12816 W/750. LOG TOPS: MISSISSIPPIAN 11848,
WOODFORD 12794, DEVONIAN 12818. OTD 12863.
COMP 2/10/68. IPF 37988 MCFGPD. PROD ZONE:
DEVONIAN 12816-12863 (OPENHOLE).

08/13
08/13

LOC/1986/
12863 TD, PB 11712
COMP 3/30/86, IPP 46 BO, 35 MCFG, 330 BWPD
GOR 763, GTY 49.8
PROD ZONE - PENNSYLVANIAN 10245-10280
FIRST REPORT & COMPLETION

COUNTY LEA FIELD Ranger Lake, W. STATE NM MAP 1

CPR PHILLIPS PET. CO.

2 West Ranger Lake Unit

Sec. 26, T-12-S, R-34-E CO-ORD 30-025-2235C

1980' FSL, 1980' FWL of Sec.

Spd 12-3-67 CLASS E

Cmp 2-10-68

| FORMATION | DATUM | FORMATION | DATUM |
|------------------------|-----------|-----------|-------|
| CSG & SX - TUBING | | | |
| 13 3/8" 376' | 480 | | |
| 8 5/8" 4200' | 400 | | |
| 5 1/2" 12816' | 750 | | |
| LOGS EL GR RA IND HC A | | | |
| | TD 12863' | | |

IF Devonian OH 12816-863' CAOF 37,988 MCF/CFD. Pot. Based on 4-point test, STTP 2916#, GOR 7240, Gravity (Gas) .683, Gravity (Cond.) 57.4.

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CONT. Coral Drilg. Co. PROP DEPTH 12,900' TYPE RE

DATE

S.R. 12-7-67; Elev. 4160' KE
PD 12,900' - Rev.
Contr. - Coral

12-12-67 TD 4872' dolo & lm, trip.
12-19-67 Drilg. 7580' dolo & sh.
1-3-68 Drilg. 10190' lm & sd.
1-9-68 Drilg. 11190' lm & ch.
1-16-68 Drilg. 12150'.
1-23-68 TD 12825', WOC.
1-30-68 TD 12863', MORT.

Cored 12830-835', rec 6" frac lm.
Cored 12835-835', no recovery.
Cored 12835-838', rec 9" frac ch & dolo.
Cored 12838-863', rec 25' dolo & ch.

2-1-68 TD 11860', WO Comp Unit
 2-11-68 TD 11863', 1stg.
 Acid (ON 10816-863') 1000 gals.
 Blwd 1860 MCHGPD + 117 E Cond. + 1.0 R/W
 in 6 hrs thru 1/2" ank., to 12" #.
 2-19-68 TD 11863', on pot.
 2-21-68 TD 11863', WO Pot.
 3-4-68 TD 11863', WO Pot.
 3-11-68 TD 11863', WO Pot.
 3-18-68 GAGE 37,988 MCHGPD
 TD 11863', COMPLETE
 LOG: Arkh 1978', Yacel 1780', Quesh 1510',
 SA 1410', How 1390', Tilt 1210', Abo
 1100', Wolfcamp 914', Bough 800' to 10',
 Mississippian 118.8', Woodford 11.6',
 Devonian 10818'.

SOAK-POING TEST:

Gas Volume

| NO. OF | Time | Original | Gas |
|--------|------|----------|--------|
| 3087 | 1 hr | 1.75" | 246" # |
| 3049 | 1 hr | 1.75" | 237" # |
| 3090 | 1 hr | 2.75" | 214" # |
| 3118 | 1 hr | 3.75" | 177" # |

**NEW CO 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 Phillips Petroleum Company | | Lease West Ranger Lake Unit | | Well No. 2 |
| Unit Letter K | Section 26 | Township 12-S | Range 34-E | County Lea |
| Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the West line | | | | |
| Ground Level Elev: later | Producing Formation Devonian-Gas | Pool West Ranger Lake-Devonian Gas | Dedicated Acreage: 320 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.

| | | | |
|-----------------------------------|---|---|---|
| D | C | B | A |
| PHILLIPS PETROLEUM COMPANY | | | |
| E | F | G | H |
| "West Ranger Lake Unit" | | | |
| L | K | J | I |
| 320 Acres | | | |
| M | N | O | P |

CERTIFICATION

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

Name W. J. Mueller
Position Associate Reservoir Engineer
Company Phillips Petroleum Company
Date November 27, 1967

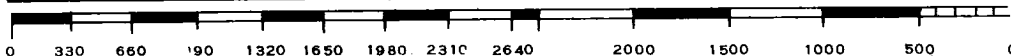
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 30, 1967
Registered Professional Engineer
and/or Land Surveyor

Roger L. Leffler

Certificate No.

4357



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