STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

API No. 30-025-30076

5a. Indicate Type of Lease: State ☒ Fee ☐

5. State Oil & Gas Lease No.: B-4118

1a. TYPE OF WELL
b. TYPE OF COMPLETION
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ OTHER

7. Unit Agreement Name:

8. Farm or Lease Name: Lea

2. Name of Operator: Phillips Petroleum Company

9. Well No.: 37

3. Address of Operator: 4001 Penbrook St., Odessa, TX 79762

10. Field and Pool, or Wildcat: Vacuum Gb/SA

4. Location of Well
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 19 TWP. 17-S RGE. 34-E NMPM

12. County: Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
1-23-88	2-04-88	Perf'd 2-09-88	4110' GR,, 4119' RKB	-

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
4800'	4720'			X	

24. Producing Interval(s), of this completion - Top, Bottom, Name
4376' - 4590' Grayburg San Andres

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run
DLL-MSFL-GR-Cal; CNL-LDT-GR-Cal

27. Was Well Cored: No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24# K-55	1535'	12-1/4"	1000 sx "C", 2% $CaCl_2$. Circ. 192 sx.	
5-1/2"	15.5# K-55	4783'	7-7/8"	1400 sx Howco Lite, 5% Salt, 400 sx "C" Neat. Circ. 250 sx.	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	4675' SN	

31. Perforation Record (Interval, size and number)

Perf'd 5-1/2" csg w/4" OD csg gun 2SPF from 4376'-4380', 4426'-4430', 4461'-4466', 4479'-4481', 4510'-4514', 4524'-4526', 4533'-4535', 4558'-4561', 4575'-4590'.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4376'-4590'	4100 gals 15% NEFe HCl
4376'-4590'	42,000 gals gelled X-linked 2% KCl wtr. & 81,000# 20/40 mesh sand.

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
2-27-01-88	2" X 1-1/4" X 16' pmp	Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3-08-88	24			12	20	2	1667

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
						37.4

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Sold

Test Witnessed By: D. C. Haynes

35. List of Attachments: Logs furnished direct by logging company.

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED W. J. Mueller TITLE Engineering Supervisor, Reservoir DATE March 10, 1988

Lea #37

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico				Northwestern New Mexico			
T. Anhy	1511	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1695	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2888	T. Atoka		T. Pictured Cliffs		T. Penn. "D"	
T. Yates		T. Miss		T. Cliff House		T. Leadville	
T. 7 Rivers		T. Devonian		T. Menefee		T. Madison	
T. Queen	3812	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	4303	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4592	T. Simpson		T. Gallup		T. Ignacio Qtzte	
T. Glorieta		T. McKee		Base Greenhorn		T. Granite	
T. Paddock		T. Ellenburger		T. Dakota		T.	
T. Blinebry		T. Gr. Wash		T. Morrison		T.	
T. Tubb		T. Granite		T. Todilto		T.	
T. Drinkard		T. Delaware Sand		T. Entrada		T.	
T. Abo		T. Bone Springs		T. Wingate		T.	
T. Wolfcamp		T.		T. Chinle		T.	
T. Penn.		T.		T. Permain		T.	
T. Cisco (Bough C)		T.		T. Penn. "A"		T.	

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet. _____

No. 2, from _____ to _____ feet. _____

No. 3, from _____ to _____ feet. _____

No. 4, from _____ to _____ feet. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	487	487	Red Bed				
487	1414	927	Red Bed, Anhydrite				
1414	1695	281	Anhydrite				
1695	2965	1270	Salt, Anhydrite				
2965	3465	500	Anhydrite				
3465	4800 TD	1335	Dolomite