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. 30-025-30077

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
9. Well No.: 38
10. Field and Pool, or Wildcat: Vacuum Gb/SA

2. Name of Operator: Phillips Petroleum Company
3. Address of Operator: 4001 Penbrook St., Odessa, TX 79762
4. Location of Well
UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 20 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
1-10-88	1-22-88	Perf'd 1-26-88	4077' RKB, 4068' GR	-

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
4800'	4767'			0-4800	

24. Producing Interval(s), of this completion - Top, Bottom, Name
4259' - 4669' Grayburg San Andres

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run
CNL-GR-Cal (2500-0) CNL-LDT-GR-Cal (TD to 2500') DLL-MSFL-GR-Cal (TD to 2500')

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	1465'	12-1/4"	1000 sx "C", 2% $CaCl_2$. Circ. 190 sx.	
5-1/2"	15.5# K-55	4800'	7-7/8"	1300 sx Howco Lite, 5% Salt, 400 sx "C" Neat. Circ. 235 sx.	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	4672' SN	

31. Perforation Record (Interval, size and number)

Perf'd 5-1/2" csg w/4" OD csg gun 2SPF from 4259'-4261', 4296'-4298', 4302'-4304', 4306'-4308', 4384'-4386', 4388'-4390', 4438'-4442', 4459'-4474', 4519'-4522', 4559'-4563', 4590'-4626', 4665'-4669'.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4259'-4669'	6800 gals 15% NEFe HCl
4259'-4669'	78,000 gals gelled X-linked 2% KCl wtr. & 148,000# 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)
3-01-88	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			70	39	3	557

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
						37.9

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

INSTRUCTIONS

Lea #38

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	1510	T. Canyon		T. Ojo Alamo		T. Penn. "B"	
T. Salt	1688	T. Strawn		T. Kirtland-Fruitland		T. Penn. "C"	
B. Salt	2652	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	3814	T. Silurian		T. Point Lookout		T. Elbert	
T. Grayburg	4150	T. Montoya		T. Mancos		T. McCracken	
T. San Andres	4632	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	1550	1550	Red Bed, Anhydrite				
1550	1800	250	Anhydrite				
1800	2270	470	Anhydrite, Salt				
2270	2650	380	Salt				
2650	2841	191	Salt, Anhydrite				
2841	3370	529	Anhydrite				
3370	4000	630	Anhydrite, Dolomite				
4000	4800 TD	800	Dolomite				