

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-105
Revised 1-1-89

WELL API NO.
30-025-30760

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-2073

7. Lease Name or Unit Agreement Name
Vacuum Abo Unit
Tract 6

8. Well No.
86

9. Pool name or Wildcat
Vacuum Abo Reef

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESVR ☐ OTHER ☐

2. Name of Operator
Phillips Petroleum Company

3. Address of Operator
4001 Penbrook Street, Odessa, Texas 79762

4. Well Location
Unit Letter N : 50 Feet From The South Line and 2480 Feet From The West Line
Section 33 Township 17-S Range 35-E NMPM Lea County

10. Date Spudded 02-27-90 11. Date T.D. Reached 03-18-90 12. Date Compl. (Ready to Prod.) 07-12-90 13. Elevations (DF & RKB, RT, GR, etc.) 3943' GR 14. Elev. Casinghead

15. Total Depth 8900' 16. Plug Back T.D. 8795' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 0-TD Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 8405' (Top) 8770' (Bottom) Abo Reef 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run CNL-LDT-GR-Cal, DLL-MSFL-SP-GR-Cal, CNL-GR, & CBL-CCL-GR 22. Was Well Cored No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.4# K-55	1602'	17-1/2"	1200 sx "C"	
8-5/8"	24# & 32# K-55	5100'	12-1/4"	2400 sx "C"	
5-1/2"	14#, 15.5# &	8900'	7-7/8"	650 sx "C" & 600 sx	
	17# J-55			65/35 Poz +6% gel	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	8293'	8330'

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
8726'-8770' 44' 88 shots	DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
8580'-8698' 48' 96 shots	8726-8770' 5300 gals 15% NEFe II HCl
8405'-8487' 36' 72 shots	8580-8698' 3600 gals 15% NEFe II HCl
	8405-8487' 2800 gals 15% NEFe II HCl

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
07-12-90		Pumping 2-1/2 x 1-1/2 x 22				Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
09-10-90	24			185	262	1	927/1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
						1416/1	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold - Phillips 66 Natural Gas Company Test Witnessed By D. G. Williamson

30. List Attachments Howco will furnish logs direct to NMOCD.

31. 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

Signature L. M. Sanders Printed Name L. M. Sanders Title Reg. & Pro. Supv. Date 09-18-90

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 25 through 29 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

Northwestern New Mexico			
T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	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 _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta 6135	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock 6244	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo Reef 8596	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

OIL OR GAS SANDS OR ZONES

No. 1, from.....8436	to.....8488	No. 3, from.....8726	to.....8770
No. 2, from.....8608	to.....8698	No. 4, from.....	to.....

IMPORTANT NOTES:

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
No. 1 from

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
5100	8450	3,350	Anhydrite rich, limestone				
8450	8875	425	Limey dolomite with inter- bedded limestones				

SEP 25 1990

NOBBE OFFICE

References

SEP 25 1990

NOBSE 07-22