

Submit to Appropriate
District Office
State Leases - 6 copies
Fee Leases - 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.
30-025-30759
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-1404-4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐	7. Lease Name or Unit Agreement Name Vacuum Abo Unit, Tract 7
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESER ☐ OTHER ☐	8. Well No. 5
2. Name of Operator Phillips Petroleum Company	9. Pool name or Wildcat Vacuum Abo Reef
3. Address of Operator 4001 Penbrook Street, Odessa, TX 79762	

4. Well Location Unit Letter <u>P</u> : <u>850</u> Feet From The <u>South</u> Line and <u>850</u> Feet From The <u>East</u> Line Section <u>27</u> Township <u>17-S</u> Range <u>35-E</u> NMPM <u>Lea</u> County
--

10. Date Spudded 02-02-90	11. Date T.D. Reached 02-24-90	12. Date Compl. (Ready to Prod.) 01-17-91	13. Elevations (DF & RKB, RT, GR, etc.) 3940.4' RKB; 3925.4' GR	14. Elev. Casinghead
15. Total Depth 8900'	16. Plug Back T.D. 8856'	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 Abo 8700' (Top) 8740' (Bottom)				20. Was Directional Survey Made No

21. Type Electric and Other Logs Run CBL-CCL-GR; CNL-LDT-GR-Cal; CNL-GR-Cal; DCL-MSFL-SP-GR-Cal	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"	54.5# K55	1640'	17-1/2"	1500sx C, 2% CaCl ₂	Circ 500 sx
8-5/8" 32	24" K55 J55	5100'	12-1/4"	2800 sx C 65/35 Poz 150sx C Neat	Circ 800 sx
5-1/2" 17	15.5 & 14" J55	8900'	7-7/8"	650sx C; Circ 212sx 300sx 65/35 & 150 sx C	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET

26. Perforation record (interval, size, and number) Perfd. 2/4" csg gun @ 4 JSPF on spiral phasing: 8700-8740' 12' 48 shots	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL Please see attached sheet.
---	---

28. PRODUCTION							
Date First Production 01-17-91		Production Method (Flowing, gas lift, pumping - Size and type pump) Pump 2-1/4" x 1-1/2" x 30'				Well Status (Prod. or Shut-in) Prod.	
Date of Test 03-04-91	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl Trace	Gas - MCF 1	Water - Bbl 8	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl	Gas - MCF	Water - Bbl	Oil Gravity - API - (Corr.)	

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

30. List Attachments Logs furnished direct by Logging Company.	NOTE: Further completion activity pending.
---	--

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 <u>L. M. Sanders</u>	Printed Name <u>L. M. Sanders</u>	Supervisor, Title <u>Reg. & Proration</u> Date <u>04-03-91</u>
--------------------------------	-----------------------------------	---

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

T. Anhy 1610 (+2330)
 T. Salt _____
 B. Salt _____
 T. Yates 2884 (+1056)
 T. 7 Rivers 3041 (+ 899)
 T. Queen 3705 (+ 235)
 T. Grayburg 3960 (+ 20)
 T. San Andres 4352 (-412)
 T. Glorieta 6035 (-2095)
 T. Paddock 6130 (-2190)
 T. Blinbry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo 8619 (-4679)
 T. Wolfcamp _____
 T. Penn _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn "A" _____
 T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Otzite _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
 No. 2, from.....to.....
 No. 3, from.....to.....
 No. 4, 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.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	2500		Salt, Anhydrite				
2500	3700		Anhydrite, Limestone				
3700	6500		Anhydrite, Limestone & Dolomite				
6500	8910		Dolomite, Limestone with minor Anhydrite				

APR 10 1991

27. ACID, SHOT, ACTURE, CEMENT, SQUEEZE, L J.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
8686-8754'	Perforate & acidize w/6974 gals 15% NEFE HCl
8550-8640'	Perforate.
8550-8754'	Squeeze w/300 sx Premium cmt. Cmt. retainer @ 8535'.
8400-8498'	Perforate, acidize w/4500 gals 15% NEFe HCl & squeeze w/300 sx Howco Premium cmt
8700-8740	Perforate, acidize w/1000 gals 15% NEFe HCl & squeeze w/150 sx Premium Cl "C" and tail w/150 sx Cl "H".
8700-8740	Pressure Fluetuation Tool to "reopen perfs" & acidize w/210 gals 15% NEFe HCl, 1176 gals 15% NEFe HCl w/Corr. Inhibitor & AY-31 Surfactant