

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 AP NO. 30-025-31903
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. E-6504
7. Lease Name or Unit Agreement Name Vacuum Abo Unit Tract 14
8. Well No. 5
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 ☐	1b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ FLUG BACK ☐ DEEP REPAIR ☐ OTHER ☐			
2. Name of Operator Phillips Petroleum Company				
3. Address of Operator 4001 Penbrook St., Odessa, Texas 79762				
4. Well Location Unit Letter <u>L</u> : <u>1475</u> Feet From The <u>South</u> Line and <u>430</u> Feet From The <u>West</u> Line Section <u>5</u> Township <u>18-S</u> Range <u>35-E</u> NMPM Lea County				
10. Date Spudded 4/17/93	11. Date T.D. Reached 5/27/93	12. Date Compl. (Ready to Prod.) 7/30/93	13. Elevations (DF & RKB, RT, GR, etc.) 3965' GR; 3977' DF	14. Elev. Casinghead
15. Total Depth 9100'	16. Plug Back T.D. 9008'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-TD	19. Producing Interval(s), of this completion - Top, Bottom, Name 8295'-8715' Abo Reef
20. Was Directional Survey Made No				21. Type Electric and Other Logs Run DLL/MSFL/GR/CAL; CNL/LDT/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#	1585'	17-1/2"	1500 sxs C	surf.
8-5/8"	24# 32#	5200'	11"	1950 sxs C	468' TOC
5-1/2"	15.5# 17#	9100'	7-7/8"	300 sxs H 2nd stage 475	
				sxs C tail w/150 sxs	5420' TOC

LINER RECORD

TUBING RECORD

TYPE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4900'	

26. Perforation record (interval, size, and number)

8606'-8715' 2 SPF 88 holes
8546'-8586' 2 SPF 82 holes
8295'-8340' 2 SPF 48 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9070'	300 sxs H cmt
8344'	100 sxs H cmt
7400'	625 sxs C neat

PRODUCTION See attached for more.

28. Date First Production 8/3/93	Production Method (Flowing, gas lift, pumping - Size and type pump) 2.5" x 1.5" x 22 Pump			Well Status (Prod. or Shut-in) Shut in		
Date of Test 8/5/93	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 192	Water - Bbl. 192
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 Dan Williamson

30. List Attachments
C-104

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 Supv., Reg. Affairs Date 9/21/93

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 1520
T. Salt 1680
B. Salt 2603
T. Yates 2792
T. 7 Rivers 3100
T. Queen 3985
T. Grayburg 4320
T. San Andres 4656
T. Glorieta 6189
T. Paddock 6358
T. Blinbry 6610
T. Tubb 7170
T. Drinkard 7624
T. Abo 7985
T. Wolfcamp NR
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
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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 Otzte
T. Granite
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OIL OR GAS SANDS OR ZONES

No. 1, from 8295' to 8715'
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
100	2235		Sand	7170	7624		Sandstone, dolomite, shale
235	1520		Shale, sand, anhydrite	7624	7985		Sandstone, dolomite, limestone
1520	1680		Anhydrite	7985	8110		Sandstone, limestone, dolomite
1680	2603		Salt, anhydrite	8110	9100		Dolomite, limestone, sandstone
2603	2792		Salt, anhydrite, dolomite				
2792	3100		Shale, sandstone, dolomite				
3100	3985		Anhydrite, shale, sand				
3985	4320		Sand, anhydrite, dolomite				
			shale				
4320	4656		Dolomite, sand, shale, anhydrite				
4656	6189		Dolomite, sand				
6189	6358		Sandstone, dolomite				
6358	6610		Dolomite				
6610	7170		Dolomite, limestone				

Vacuum Abo Unit
Continued from C-105
Section 27

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETS	
Depth Interval	Amount and kind material used
8673'-8715'	4000 gals acid
8606'-8616'	3000 gals Fercheck
8340'-8295'	6000 gals Fercheck