

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

Form C-105
Revised 1-1-89

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

WELL AP NO.
30-025-30616

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
B-2317

7. Lease Name or Unit Agreement Name

M. E. Hale

8. Well No.
21

9. Pool name or Wildcat
Vacuum Grayburg/San Andres

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 ☐ DIFF RESVR ☐ OTHER ☐

2. Name of Operator
Phillips Petroleum Company

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

4. Well Location
Unit Letter O: 1194 Feet From The south Line and 2040 Feet From The east Line
Section 35 Township 17-S Range 34-E NMPM Lea County

10. Date Spudded 7-08-89 11. Date T.D. Reached 7-19-89 12. Date Compl. (Ready to Prod.) perf'd 8-04-89 13. Elevations (DF & RKB, RT, GR, etc.) 4014' GR, 4024' RKB 14. Elev. Casinghead

15. Total Depth 4800' 16. Plug Back T.D. 4755' 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 0-4800' Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name Grayburg-San Andres 4354'-4645' 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run DLL-MSFL-GR/Cal; CNL-LDM-GR-Cal; CNL-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# J-55	1547'	17-1/2"	1500 sx Class "C"	
				Circ 500 sx	
5-1/2"	14# J-55	4800'	7-7/8"	1900 sx Class "C" 35/65 Poz	
				+ 260 sx "C" Neat	
				Circ 380 sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4180'	
					6.5#		

26. Perforation record (interval, size, and number)
Perf'd 5-1/2" csg w/4" OD csg gun from:
4354'-4430'; 4480'-4485'; 4550'-4570' &
4630'-4645'

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
4354'-4645' 1500 gals 15% NEFE HCL

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
8-18-89		2½" x 1-3/4" x 25' insert pump					Producing	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
8-21-89	24			404	163	0	400	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)		
						38		

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

30. List Attachments
Logs furnished direct by logging company

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 8-31-89

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. ~~Arby~~ Rustler 1551
T. Salt _____
B. Salt _____
T. Yates 2803
T. 7 Rivers 3150
T. Queen 3720
T. Grayburg 4058
T. San Andres 4347
T. ~~Gloria~~ Lovington 4496
T. Paddock _____
T. Blinbry _____
T. Tubb _____
T. Drinkard _____
T. Abo _____
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 Otzte _____
T. Granite _____
T. _____
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	1312	1312	Red Bed				
1312	1354	42	Red Bed, Anhydrite				
1354	1596	242	Anhydrite				
1596	2842	1246	Anhydrite, salt				
2842	3071	229	Anhydrite				
3071	3512	441	Anhydrite, dolomite				
3512	4492	980	Dolomite				
4492	4800	308	Dolomite, shale				
	TD						

SEP