

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
API # 30-025-280565a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.

B-2317

7. Unit Agreement Name

8. Firm or Lease Name

M. E. Hale

9. Well No.

13

10. Field and Pool, or Well Unit

Vacuum Grayburg
San Andres

12. County

Lea

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

4. TYPE OF WELL

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER

c. Name of Operator

Phillips Petroleum Company

d. Address of Operator

Room 401, 4001 Penbrook Street, Odessa, Texas 79762

e. Location of Well

UNIT LETTER I LOCATED 1360 FEET FROM THE South LINE AND 1210 FEET FROMEast LINE OF SEC. 35 TWP. 17-S RCE. 34-E NMPM

11. Date Spudded	1b. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	16. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
3-31-83	4-10-83	7-21-83	4022 RKB 4011 GR	
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools
4830'	4795'			X
24. Producing Intervals: At this completion - Top, Bottom, Name				25. Wire Line Locational Survey Made
Grayburg San Andres - top 4049': bottom 4830'				No
26. Type Electric and Other Logs Run				27. Was Well Cored
BHC Sonic, GR Cal DLL/RXO/GR cal, LDT/CNL/GR cal, Corr				No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5#	1572'	14-3/4"	1100 sx Class "C" w/2% CaCl	circd
7"	26#	4829'	9-1/2"	200 sx to surface	
				1290 sx TLW, 500 sx Class C w/ additives	
				circd 215 sx to surface	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2-7/8"	4710'	-0-
N O N E						

31. Perforation Record (Interval, size and number)
Perf'd 7" csg w/1 JSPF as follows:
4367' - 4402' 4564' - 4567'
4470' - 4480' 4576' - 4582'
4538' - 4562' 4622' - 4690'
Total 146' = 146 shots

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4367' - 4690'	Sptd 1000 gals 15% NeFe Hcl
	across perfs & trtd w/15,600 gals 15% HCl

33. PRODUCTION		Well Status (Prod. or Shut-in)	
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Producing	
7-28-83	2" x 1-3/4" x 25' insert		
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period
8-7-83	24		
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.
			396
			Gas - MCF
			525
			Water - Bbl.
			28
			Gas - Oil Ratio
			1326
			Oil Gravity - API (Corr.)
			36.5

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Don Thorp

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 Senior Engineering Specialist DATE August 11, 1983

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 30 through 34 shall be reported for each zone. The form is to be filed to 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		
chinle					
XXXXXXX	239'	T. Canyon	T. Ojo Alamo	T. Penn. "B"	
Rustler XXXX	1515'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	
Salado XXXX	1710'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"	
T. Yates	2830'	T. Miss	T. Cliff House	T. Leadville	
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison	
T. Queen	3710'	T. Silurian	T. Point Lookout	T. Elbert	
T. Grayburg	4049'	T. Montoya	T. Mancos	T. McCracken	
T. San Andres	4335'	T. Simpson	T. Gallup	T. Ignacio Qtzite	
T. Glorieta		T. McKee	Base Greenhorn	T. Granite	
T. Paddock		T. Ellenburger	T. Dakota	T.	
T. Blinberry		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. Permian	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	700'	700'	Redbeds				
700'	1350'	650'	Redbeds & anhy				
1350'	1570'	220'	anhy				
1570'	2774'	1204'	anhy & salt				
2774'	4242'	1468'	anhy				
4242'	4418'	176'	anhy & lime				
4418'	4830'	412'	lime				
	TD						

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