

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 # 30-025-28059

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fed ☐
5. State Oil & Gas Lease No.	
B-2317	

10. TYPE OF WELL		Order R-7103	
OIL WELL ☐	GAS WELL ☐	DRY ☐	OTHER <u>Water Injection</u>
6. TYPE OF COMPLETION			
NEW WELL ☒	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐
DIFF. RESVR. ☐ OTHER			

7. Unit Agreement Name
--

8. Farm or Lease Name
M. E. Hale

9. Well No.
16

10. Field and Pool, or Wildcat
Vacuum Grayburg
San Andres

2. Name of Operator
Phillips Petroleum Company

3. Address of Operator
Room 401, 4001 Penbrook Street, Odessa, Texas 79762

4. Location of Well
UNIT LETTER <u>J</u> LOCATED <u>2630</u> FEET FROM THE <u>south</u> LINE AND <u>1330</u> FEET FROM

12. County
Lea

THE <u>east</u> LINE OF SEC. <u>35</u> TWP. <u>17-S</u> RGE. <u>34-E</u> NMPM

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
2-23-83	3-6-83	4-6-83	4010 GR, 4022 RKB	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
4800'	4725'	--		X	

24. Producing interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
Grayburg/San Andres - Top 4050'; Bottom 4800'	No

26. Type Electric and Other Logs Run	27. Was Well Cored
Dresser Atlas ran DLL-RXO-GR/Cal, BHC Sonic	No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#, K-55	360'	12-1/4"	400 sx Class C w/2% CaCl ₂	Circd 150 sx
5-1/2"	15.5#, K-55	4800'	7-7/8"	800 sx TLW w/10% DD, 10% Salt, 1/4#/sx Flocele & 3#/sx Gilsonite, followed by 400 sx Class "C" w/6#/sx salt.	Circd 180 sx.

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4321'	4321'
N - O - N - E				Plastic lined Baker			

31. Perforation Record (Interval, size and number) Perf'd 5-1/2" csg w/1 JSPF Zone 1: 4389'-4431'; 4477'-4488'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Zone 2: 4552'-4581'; 4615'-4633'		DEPTH INTERVAL	
Zone 3: 4639'-4704'		4389'-4704'	
		AMOUNT AND KIND MATERIAL USED	
		Trtd w/17,500 gals 15% NeFe HCl	

Total 165', 165 holes.

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
*Water Inj.						Injecting	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
--	--	--		--	--	--	--
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
--	--		--	--	--	--	

34. Disposition of Gas (Solid, used for fuel, vented, etc.)	Test Witnessed By
Not applicable	--

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 <u>W. J. Mueller</u>	TITLE <u>Senior Engineering Specialist</u>	DATE <u>May 25, 1983</u>
-----------------------------	--	--------------------------

* Commenced water injection 5-22-83 @ a rate 800 BPD w/150# pressure.

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 radioactivity logs run in the well and a summary of all useful 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 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

Chinle		T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Army 243'		T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
Rustler 1510'		T. Atoka	T. Pictured Cliffs	T. Penn. "D"
Salado 1646'		T. Miss	T. Cliff House	T. Leadville
T. Yates 2830		T. Devonian	T. Menefee	T. Madison
T. 7 Rivers		T. Silurian	T. Point Lookout	T. Elbert
T. Queen 3708'		T. Montoya	T. Mancos	T. McCracken
T. Grayburg 4050'		T. Simpson	T. Gallup	T. Ignacio Quete
T. San Andres 4360'		T. McKee	Base Greenhorn	T. Granite
T. Glorieta		T. Ellenburger	T. Dakota	T.
T. Paddock		T. Gr. Wash	T. Morrison	T.
T. Blinberry		T. Granite	T. Todillo	T.
T. Tubb		T. Delaware Sand	T. Entrada	T.
T. Drinkard		T. Bone Springs	T. Wingate	T.
T. Abo		T.	T. Chinle	T.
T. Wellcamp		T.	T. Permian	T.
T. Penn.		T.	T. Penn. "A"	T.
T. Cisco (Bough C)		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	360'	360'	Surface				
360'	1038'	678'	Redbeds				
1038'	1469'	431'	Redbeds & sand				
1469'	1730'	261'	Redbeds & salt				
1730'	2879'	1149'	Salt & Anhy				
2879'	3408'	529'	Anhy & lime				
3408'	4097'	689'	Lime & shale				
4097'	4153'	56'	Dolo				
4153'	4462'	309'	Lime & dolo				
4462'	4800'	338'	Lime				
	TD						

RECEIVED
 MAY 31 1933
 G. C. F.
 HOBBS OFFICE

DEVIATION SURVEYS
PHILLIPS PETROLEUM COMPANY
M. E. HALE NO. 16
RIG #8
Section 35, T-17-S, R-34-E
Lea County, New Mexico

Depth (Feet)	Deviation (Degrees)
360	1/2
856	1-1/4
1,320	1-1/2
1,810	3/4
2,315	1
2,778	2-1/2
3,177	1-1/4
3,709	1-1/2
4,200	1
4,800	1/2

WARTON DRILLING COMPANY

B. E. Burton
B. E. BURTON, PRESIDENT

SUBSCRIBED AND SWON to before me this 15th day of
March, A. D. 1983.

Mary Ann Davis
Mary Ann Davis, Notary Public
in and for the State of Texas.