

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 # 30-025-28058

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

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-2317
7. Unit Agreement Name
8. Farm or Lease Name M. E. Hale
9. Well No. 15
10. Field and Pool, or Wildcat Vacuum Grayburg San Andres
12. County Lea

1. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☒ Water Injection

2. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

3. Name of Operator
Phillips Petroleum Company

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

5. Location of Well

UNIT LETTER K LOCATED 2630 FEET FROM THE south LINE AND 2630 FEET FROM west LINE OF SEC. 35 TWP. 17-S R. 34-E

15. Date Spudded 2-4-83 16. Date T.D. Reached 2-20-83 17. Date Compl. (Ready to Prod.) 4-8-83 18. Elevations (DF, FMB, RT, GR, etc.) 4028 KB, 4016 GR 19. Elev. Casinghead

20. Total Depth 4800' 21. Plug Back T.D. 4754' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools ☒ Cable Tools ☐

24. Producing Interval(s), of this completion - Top, Bottom, Name
Grayburg/San Andres - Top 4085; Bottom 4800' 25. Was Directional Survey Made No

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

CASING RECORD (Report all strings set in well)						AMOUNT PULLED	
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD			
8-5/8"	24#, K-55	379'	12-1/2"	400 sx Class "C" w/2% CaCl ₂ & 1/4#/sx Flocele. Circd 20 sx to surface.			
5-1/2"	15-1/2#, K-55	4800'	7-7/8"	900 sx TLW w/10% DD, 1/4#/sx Flocele 3#/sx Gilsonite & 12#/sx salt followed by 600 sx Class "C" w/6#/sx salt. Circd 384 sx to surface.			

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	4347'	4347'
		N - O -		N - E	Plastic Coated		Baker AD-1

31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
CPI WL perf'd 5-1/2" csg w/1 JSPF as follows:				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
Zone 1: 4222'-4428'; 4434'-4484; 4488'-4500'; 4528'-4538'				4222'-4736'	Trtd w/19,100 gals 15% NeFe HCl
Zone 2: 4600'-4616'; 4621'-4638'					
Zone 3: 4666'-4736'					
Total 181', 181 holes					

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
*Water Injection						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.)
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 W. J. Mueller TITLE Senior Engineering Specialist DATE May 25, 1983

*Commenced water injection 4-22-83 @ a rate of 2200 BPD w/vacuum 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 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 in quadruplicate 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	239'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Anhy	1525'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
Rustler	1717'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
Salado	2810'	T. Miss	T. Cliff House	T. Leadville
T. Salt		T. Devonian	T. Menefee	T. Madison
T. Yates	3732'	T. Silurian	T. Point Lookout	T. Elbert
T. 7 Rivers	4085'	T. Montoya	T. Mancos	T. McCracken
T. Queen	4414'	T. Simpson	T. Gallup	T. Ignacio Quartz
T. Grayburg		T. McKee	Base Greenhorn	T. Granite
T. San Andres		T. Ellenburger	T. Dakota	T.
T. Glorieta		T. Gr. Wash	T. Morrison	T.
T. Paddock		T. Granite	T. Todilto	T.
T. Ellinebry		T. Delaware Sand	T. Entrada	T.
T. Tubb		T. Bone Springs	T. Wingate	T.
T. Driskard		T.	T. Chinle	T.
T. Abo		T.	T. Permian	T.
T. Wolfcamp		T.	T. Penn. "A"	T.
T. Penn.		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	379'	379'	Surface				
379'	903'	524'	Redbeds				
903'	1640'	737'	Redbeds & anhy				
1640'	1916'	276'	Anhy & salt				
1916'	2124'	208'	Salt				
2124'	2982'	858'	Anhy & salt				
2982'	3056'	74'	Anhy & lime				
3056'	3191'	135'	Anhy & salt				
3191'	3876'	685'	Anhy				
3876'	3975'	99'	Anhy & shale				
3975'	4050'	75'	Lime				
4050'	4128'	78'	Lime & dolo				
4128'	4270'	142'	Dolo				
4270'	4603'	333'	Lime & dolo				
4603'	4800'	197'	Dolo				
TD							

RECEIVED
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DEVIATION SURVEYS
PHILLIPS PETROLEUM COMPANY

M. E. HALE NO. W15
RIG #8
SECTION 35, T-17-S, R-34-E
LEA COUNTY, NEW MEXICO

Depth (Feet)	Deviation (Degrees)
379	1-1/4
840	1-1/2
1,320	1-1/4
1,814	1
1,916	1-3/4
2,300	1-1/4
2,790	2
3,000	2-3/4
3,292	2-1/2
4,098	1-3/4
4,456	1-1/4
4,800	2-1/4

WARTON DRILLING COMPANY

B. E. Burton

B. E. Burton
President

SUBSCRIBED AND SWORN TO before me this 24th day of
February, A.D. 1983.

Mary Ann Davis

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

RECEIVED
MAY 31 1983
O.C.D.
HOBBS OFFICE