

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENTAMENDED
OIL CONSERVATION DIVISIONP. O. BOX 2088
SANTA FE, NEW MEXICO 87501

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG
API No. 30-025-27314

5a. Indicate Type of Lease
State ☒ Free ☐
5. State Oil & Gas Lease No.
B-2224

1. TYPE OF WELL	OIL WELL ☐	GAS WELL ☐	DRY ☐	OTHER ☐	PMX No. 106 water injection	
2. TYPE OF COMPLETION	NEW WELL ☒	WORK OVER ☐	DEEPEN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	OTHER ☐

7. Unit Agreement Name	East Vacuum Gb/SA Unit
8. Farm or Lease Name	East Vacuum Gb/SA Unit, Tract 2150

3. Name of Operator	Phillips Petroleum Company
4. Address of Operator	Room 401, 4001 Penbrook, Odessa, TX 79762

9. Well No.	002
10. Field and Pool, or Wildcat	Vacuum Gb/SA

6. Location of Well	UNIT LETTER <u>P</u> LOCATED <u>1200</u> FEET FROM THE <u>South</u> LINE AND <u>1300</u> FEET FROM
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12. County	Lea
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11. East LINE OF SEC. <u>21</u> TWP. <u>17-S</u> RGE. <u>35-E</u> NMPM
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15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RNB, RT, GR, etc.)	19. Elev. Casinghead
3-28-81	4-7-81	10-2-81	3949.9 Gr (unprepared)	-- --

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
4801'	4762'	--	--	XX	--

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
Grayburg/San Andres Top: 4190' Bottom: 4801'	NO

26. Type Electric and Other Logs Run	27. Was Well Cored
Schlumberger DLL-Rxo-GR caliper, BHC sonic-GR-CC1	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	380'	12 1/2"	400 sxs C1 "C" w/2% CaCl ₂	
		(1/4# sx Flocele. Circd 45 sxs cmt)			
4 1/2"	11.6#, N-80	4801'	7-7/8"	800 sxs TLW w/12# sx	
		(salt, 10% DD, 1/4# sx Flocele; followed w/400 sxs C1 "C" & 6# sx sal			

29. LINER RECORD Circ. 200 sxs cmt					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4495'	4495'
						(plastic lined)	

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4 1/2" O.D. csg gun @ 2 JSPF--30', 60 shots		DEPTH INTERVAL	
4550-4560'		4550-4600	
4568-4578'		selectively	
4590-4600'		30,000 gals of 40 ppg cross-linked residue gel & 45,000# 20-40 mesh sand.	

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
*		-----				water injection	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
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Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
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34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
NA	NA

35. List of Attachments
Logs furnished direct by Schlumberger

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.		
*Started water injection 11-7-81 at 1152 BPD at 0#.		
SIGNED	W.J. Mueller	TITLE Sr. Engineering Specialist
		DATE 11-13-81

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 must be accompanied by one copy of all electrical and resistivity logs run in the well and a summary of all geophysical tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depth shall also be reported. For multiple completions, Penn. 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 1153.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

Chinle 227'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
Rustler 1699'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
Salado 1822'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2953'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 3840'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 4190'	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4496'	T. Simpson	T. Gallup	T. Ignacio Quartz
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	
T. Elinebry	T. Cr. Wash	T. Morrison	
T. Tubb	T. Granite	T. Todilte	
T. Drinkard	T. Delaware Sand	T. Entrada	
T. Abn	T. Bone Springs	T. Wingate	
T. Wolfcamp		T. Chinle	
T. Penn.		T. Permian	
T. Cisco (Wough C)		T. Penn. "A"	

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 Redbed				
379	1683	1304	Redbed				
1683	2884	1201	Anhy & Salt				
2884	4051	1167	Anhy				
4051	4133	82	Anhy & Dolo				
4133	4200	67	Anhy				
4200	4284	84	Anhy & Dolo				
4284	4340	56	Anhy				
4340	4498	158	Dolo				
4498	4731	233	Anhy & Dolo				
4731	4800	69	Dolo				
4800	TD						

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U.S. GEOLOGICAL SURVEY