

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
API #30-025-27319

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

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B-2131

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐ PMX No. 107 Wtr. Injection	7. Unit Agreement Name East Vacuum Gb/SA Unit
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐	8. Farm or Lease Name East Vacuum Gb/SA Unit, Tract

2. Name of Operator Phillips Petroleum Company	9. Well No. 2947 001
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3. Address of Operator 4001 Penbrook, Room 401, Odessa, Texas, 79762	10. Field and Pool, or Wildcat Vacuum Gb/SA
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4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1500</u> FEET FROM THE <u>north</u> LINE AND <u>50</u> FEET FROM <u>east</u> LINE OF SEC. <u>29</u> TWP. <u>17-S</u> RGE. <u>35-E</u> NMPM	12. County Lea
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15. Date Spudded 4-22-81	16. Date T.D. Reached 5-2-81	17. Date Compl. (Ready to Prod.) 9-2-81	18. Elevations (DF, RKB, RT, GR, etc.) 3966.8 GR (Unprepared)	19. Elev. Casinghead ---
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20. Total Depth 4800'	21. Plug Back T.D. 4765'	22. If Multiple Compl., How Many ---	23. Intervals Drilled By Rotary Tools Rotary	Cable Tools ---
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24. Producing interval(s), of this completion - Top, Bottom, Name Grayburg/San Andres: Top-4110' Bottom-4800'	25. Was Directional Survey Made No
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26. Type Electric and Other Logs Run Gearhart-Cased Hole Compensated Neutron Log (CNL)	27. Was Well Cored No
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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	358'	12-1/4"	400 sxs C1 "C", 2% CaCl ₂	
	(& 1/4# sx Flocele. Circd 93 sxs cmt)				
4-1/2"	11.6#, N-80	4800'	7-7/8"	900 sxs TLW w/12# salt,	
	(10% DD, 2# sx Gilsonite, 1/4# Flocele)			followed w/400 sxs C1 "C" w/6# salt; Circ	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4477'	4477'

31. Perforation Record (Interval, size and number) Perfd w/3-1/8" csg gun w/1 JSPF 4552-4568' 4580-4596' 4622-4638' - 48'--48 Shots	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 4552-4638' AMOUNT AND KIND MATERIAL USED 5200 gals 15% NeHCl w/ball sealers-Fracd w/11,000 gals w/sd. Repeated frac w/11,000 gals w/ball sealers 2 times
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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
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) NA	Test Witnessed By NA
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35. List of Attachments Logs furnished direct by Gearhart.

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. *Commenced Water Inj. 11-11-81 @ 1224 BPD @ 0# Press.		
SIGNED <u>W.J. Mueller</u>	TITLE <u>Sr. Engineering Specialist</u>	DATE <u>11-17-81</u>

:ehg

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 1103.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico		
Chinle					
T. Anhy. 218	T. Canyon		T. Ojo Alamo	T. Penn. "B"	
T. Rustler 1651	T. Strawn		T. Kirtland-Fruitland	T. Penn. "C"	
T. Salt 1759	T. Atoka		T. Pictured Cliffs	T. Penn. "D"	
T. Salado 2900	T. Miss		T. Cliff House	T. Leadville	
T. Yates	T. Devonian		T. Menefee	T. Madison	
T. 7 Rivers	T. Silurian		T. Point Lookout	T. Elbert	
T. Queen 3767	T. Montoya		T. Mancos	T. McCracken	
T. Grayburg 4110	T. Simpson		T. Gallup	T. Ignacio Quile	
T. San Andres 4415	T. McKee		T. Base Greenhorn	T. Granite	
T. Glorieta	T. Ellenburger		T. Dakota		
T. Paddock	T. Gr. Wash		T. Morrison		
T. Blinbry	T. Granite		T. Todillo		
T. Tubb	T. Delaware Sand		T. Entrada		
T. Drinkard	T. Bone Springs		T. Wingate		
T. Abo			T. Chinle		
T. Wolfcamp			T. Permian		
T. Penn.			T. Penn. "A"		
T. Cisco (Bough C)					

OIL OR GAS SANDS OR ZONES

No. 1, from to
 No. 2, from to
 No. 3, from to
 No. 4, from to
 No. 5, 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	358	358	Sand and Redbed				
358	1260	902	Redbed				
1260	1752	492	Redbed and Salt				
1752	2219	467	Redbed				
2219	2914	695	Salt and Anhy.				
2914	4135	1221	Anhy.				
4135	4418	283	Dolo.				
4418	4585	167	Anhy. and Dolo.				
4585	4610	25	Dolo.				
4610	4729	119	Anhy. and Dolo.				
4729	4800	71	Dolo.				
4800	TD						

INCLINATION REPORT

OPERATOR PHILLIPS PET. CO. ADDRESS 4001 Penbrook St., Odessa, Texas 79762LEASE NAME East Vacuum Gb/SA Unit TR. 2947 WELL NO. 001 FIELD Vacuum Gb/SALOCATION (Unit H) 1500' ENL & 50' FEL, Sec. 29, T-17-S, R-35-E, Lea County N. M.

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
357	1/2	3.1059	3.1059
875	3/4	6.7858	9.8917
1399	3/4	6.8644	16.7561
2272	1	15.2775	32.0336
2770	1	8.7150	40.7486
2914	1 1/2	3.7728	44.5214
3425	1 3/4	15.5855	60.1069
3922	1 1/2	13.0214	73.1283
4544	1 1/2	16.2964	89.4247
4610	1 3/4	2.0130	91.4377
4800	1 3/4	5.7950	97.2327

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

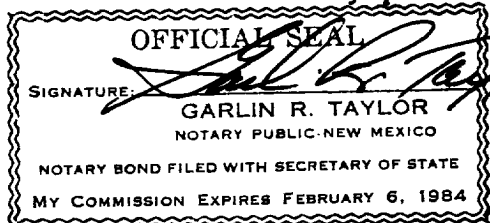
Denise Leake
TITLE OFFICE MANAGER

AFFIDAVIT:

Before me, the undersigned authority, appeared DENISE LEAKE known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Denise Leake
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this the 4 day of MAY, 1981



SEAL

Notary Public in and for the County
of Lea, State of New Mexico