

Commenced water injection 11-24-81 @ rate of 1050 BPD w/o# pressure.

Form C-105
Revised 10-1-78STATE 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

NO. OF COPIES RECEIVED	
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-1585-5	

10. TYPE OF WELL	
OIL WELL ☐	GAS WELL ☐
DRY ☐	OTHER ☐
Water Injection PMX No. 108	
b. 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 2230

2. Name of Operator
Phillips Petroleum Company--663680
3. Address of Operator
4001 Penbrook Street, Odessa, TX 79762
4. Location of Well

9. Well No.
005
10. Field and Pool, or Wildcat
Vacuum Gb/SA

UNIT LETTER	N	LOCATED	1300	FEET FROM THE	South	LINE AND	2600	FEET FROM
THE	West	LINE OF SEC.	22	TWP.	17-S	RGE.	35-E	NMPM

12. County
Lea

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
3-14-81	3-25-81	11-17-81	3935' GR 3948 RKB	--
20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Rotary Tools
4800'	4712	--	rotary	--

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
Grayburg/San Andres: Top--4149 Bottom--4800	no

26. Type Electric and Other Logs Run	27. Was Well Cored
Gearhart: CCG/GR/CCI	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	375'	12 1/4"	400 sxs C1 "C" cmt w/2% CaCl ₂ ,	
			(1/4# sx Flocele.	Circd 55 sxs to surface)	
4 1/2"	11.6#, N-80	4782'	7-7/8"	1000 sxs TLW w/12# salt,	
			(10% Acetic acid, 3# sx Gilsontite, 1/4# sx Flocele,	followed w/400 sxs C1 "C" w/6#	

29. LINER RECORD sx salt; Circd 285 sxs cmt.				TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	4442	4442

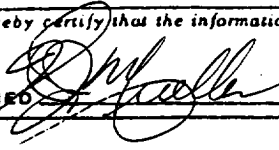
31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Perfd w/3-1/8" O.D. csg gun with 1 JSPF		DEPTH INTERVAL	
4530'-4542'		4530-4618	
4546'-4564'		3 bbls 15% NeFe HCl w/LST agent	
4596'-4618'		35 bbls 2% KCl wtr.	
52'--52 shots		Frac'd w/36000 gals 40#/1000	
		gals, crosslinked gel w/78,000# 20/40 mesh sd.	

33. PRODUCTION							
Date First Injection		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
11-24-81		---				wtr 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 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.

SIGNED  W. J. Mueller

TITLE Sr. Engineering Specialist

DATE 11-30-81

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 shall be accompanied by one copy of all electrical and radioactivity 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 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 _____ 233'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
Rustler _____ 1686'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
Salado _____ 1807'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2918'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3795'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4149'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4428'	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddeek _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Elsiebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilte _____	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. Pennian _____	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	310	310	Redbed				
310	375	65	Surface Rock				
375	1294	919	Redbed				
1294	1725	431	Redbed, Anhy & Salt				
1725	2050	325	Redbed/Anhy				
2050	2943	893	Salt & Anhy				
2943	4134	1191	Anhy				
4134	4342	208	Anhy & Dolo.				
4342	4800	458	Dolo				
4800	TD						

INCLINATION REPORT

OPERATOR PHILLIPS PET. CO. ADDRESS 4001 Penbrook St., Odessa, Texas 79762
 LEASE NAME East Vacuum Gb/SA Unit Tract 2230 WELL NO. 005 FIELD Vacuum Gb/SA
 LOCATION (Unit N) 1300' ESL & 2600' FWL, Sec. 22, T-17-S, R-35-E, Lea County, N. M.

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
375	1 1/2	9.8250	9.8250
369	1 1/2	12.9428	22.7678
1365	1 1/4	10.8128	33.5806
1895	1	9.2750	42.8556
2362	1	8.1725	51.0281
2985	1	10.9025	61.9306
3546	1	9.8175	71.7481
4134	1 1/4	12.8184	84.5665
4537	1	7.0525	91.6190
4800	3/4	3.4453	95.0643

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

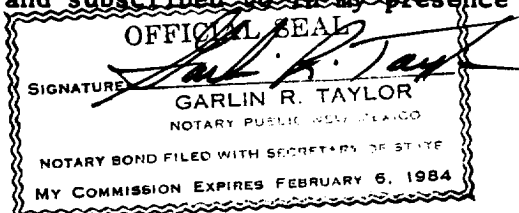
Denise Leake
 TITLE OFFICE MANAGER

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 27 day of MARCH, 19 81



SEAL

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