

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG
API No. 30-025-27316

NO. 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-2224

10. TYPE OF WELL

OIL WELL ☐GAS WELL ☐DRY ☐OTHER ☐

PMX No. 107

Water injection

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐OTHER ☐

7. Name of Operator

Phillips Petroleum Company

8. Address of Operator

Room 401, 4001 Penbrook, Odessa, TX 79762

4. Location of Well

UNIT LETTER A LOCATED 50 FEET FROM THE North LINE AND 50 FEET FROMRANGE East LINE OF SEC. 28 TWP. 17-S RGE. 35-E NMPM12. County
Lea15. Date Spudded 4-9-81 16. Date T.D. Reached 4-19-81 17. Date Compl. (Ready to Prod.) 9-9-81 18. Elevations (DF, RKB, RT, GR, etc.) 3946.1 GL 19. Elev. Casinghead --20. Total Depth 4800 21. Plug Back T.D. 4760' 22. If Multiple Compl., How Many -- 23. Intervals Drilled By XXX Rotary Tools XXX Cable Tools --

24. Producing Interval(s), of this completion - Top, Bottom, Name

Grayburg/San Andres: Top--4167' Bottom--4800'

25. Was Directional Survey Made No26. Type Electric and Other Logs Run
Gearhart - CNL27. Was Well Cored
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	371'	12 1/4"	400 sxs Cl "C" w/2% CaCl ₂ &	
4 1/2"	11.6#, N-80	4800'	7-7/8"	1000 sxs TLW, 10% DD, 12#/sxs (salt, 1/2#/#s)	
(Flocele, 3#/sxs Gils, foll'd by 400 sxs Cl "C" w/6#/sxs salt. Circ'd 165 sxs.)					

29.

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8"	4590'	4400'
(plastic lined)		

31. Perforation Record (Interval, size and number)

Perf'd 4 1/2" csg gun w/1 JSPF
4500'-4508'
4516'-4522' 4580'-4590'
4524'-4532' (38'--38 shots)
4538'-4544'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4500-4590'	6000 gals NeHCl, w/ball sealers.
	30,000 gals frac. w/additives & 45,000# 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 --
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

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.

*Started water injection 11-7-81 at 1080 BWPD at 0# press.

SIGNED W. J. MuellerTITLE Sr. Engineering SpecialistDATE 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 shall be accompanied by one copy of all electrical and radio-activity 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 227	T. Canyon	T. Ojo Alamo	T. Penn. "B"
Rustler 1624	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
Salado 1750	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2891	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 4167	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4468	T. Simpson	T. Gallup	T. Ignacio Qtzite
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Granite	T. Todilto	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. Permian	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	720	720	Redbed	3900	3975	75	Anhy
720	1400	680	Redbed & Sand	3975	4438	463	Anhy & Dolo
1400	1778	378	Shale, Anhy & Salt	4438	4515	77	Dolo
1778	1919	141	Anhy	4515	4539	24	Anhy & Dolo
1919	2365	446	Salt	4539	4622	83	Dolo
2365	2902	537	Salt-Anhy	4622	4672	50	Dolo & Anhy
2902	3039	137	Anhy	4672	4777	105	Dolo
3039	3136	97	Anhy-Shale	4777	4800	23	Dolo-Anhy
3136	3649	513	Anhy	4800	TD		
3649	3735	86	Anhy-Shale				
3735	3800	65	Anhy				
3800	3818	18	Sand-Anhy				
3818	3900	82	Anhy-Shale				

INCLINATION REPORT

OPERATOR PHILLIPS PET. CO. ADDRESS Room 401, 4001 Penbrook, Odessa, TX 79762LEASE NAME East Vacuum Gb/SA Unit, TR 2851 WELL NO. 2002 FIELD Vacuum Gb/SALOCATION Unit Letter A, 50' FNL and 50' FEL, Section 28, T-17-S, R-35-E

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
371	1/2	3.2277	3.2277
902	1/2	4.6197	7.8474
1309	3/4	5.3317	13.1791
1866	1	9.7475	22.9266
2364	1	8.7150	31.6416
2766	1 3/4	12.2610	43.9026
3325	1 1/2	14.6458	58.5484
3888	1 1/4	12.2734	70.8218
4387	1 1/4	10.8782	81.7000
4666	2 1/4	10.9647	92.6647
4800	2	4.6766	97.3413

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

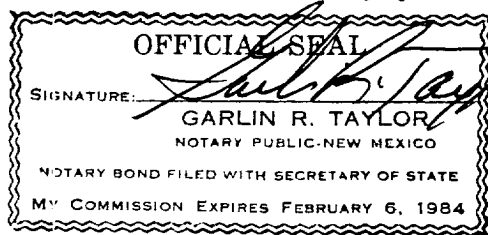
CACTUS DRILLING COMPANY

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 21 day of APRIL, 1981

SEAL

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