

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

API No. 30-025-26924

5a. Indicate Type of Lease
State ☒ Free ☐
5. State Oil & Gas Lease No.
B-1839-1

1. TYPE OF WELL

PMX #100
Water inj.

OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER ☐

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 St., Odessa, Texas 79762

5. Location of Well

UNIT LETTER E LOCATED 1400 FEET FROM THE north LINE AND 50 FEET FROM

THE west LINE OF SEC. 27 TWP. 17-S RGE. 35-E NMPM

15. Date Spudded 9-14-80 16. Date T.D. Reached 10-1-81 17. Date Compl. (Ready to Prod.) 2-1-82 18. Elevations (DF, RKB, RT, GR, etc.) 3957 RKB, 3944.7 GL 19. Elev. Casinghead ---

20. Total Depth 4777 21. Plug Back T.D. 4710 22. If Multiple Compl., How Many NA 23. Intervals Drilled By rotary Rotary Tools rotary Cable Tools ---

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

Grayburg-San Andres: Top--4075'; Bottom--4777'

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Schlumberger: GR-CCL, DLL, Comp. Neutron.

27. Was Well Cored

Yes

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#, K-55	369'	12-1/4"	(w/400 sxs Cl "H", w/2% CaCl ₂)	--
				(1/4#/sx Flocele, circ 40 sxs to surface)	
5-1/2"	14#, K-55	4777'	7-7/8"	(w/1050 sxs TLW, w/10% DD, 12#/sx salt,	
				(3#/sx Gilsonite, 1/4#/sx Flocele, followed w/370 sxs Cl "H" w/5#/sx salt, circ 225	
				(30. TUSING RECORD sxs surface)	

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
--	--	--	--	--	2-7/8"	4373	4373
					Plastic Lined		Baker-Loc Set

28. Perforation Record (Interval, size and number)

Perf'd w/DML charges @ 1 JSPF as follows:

4440-4442' 4642-4647'
4474-4497' 4664-4668'
4533-4546' 52 shots

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4440'-4668'	28 bbls 15% NeFe HCl, 10 ball sealers.
	Fracd w/45000 gals "Ultra Aqua
	Frac 3-II" w/52,500# 20/40 mesh sand.

PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in)	
2-11-82*		--					Water injection	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio	
--	--	--	--	--	--	--	--	
Flow Testing 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 to be 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.

SIGNED

W. J. Mueller

TITLE Sr. Engineering Specialist

DATE 2-17-82

*Water injection commenced 2-11-82 @ 1200 BPD w/460# 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 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 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 (Redbeds) 218'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
Rustler 1618'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
Salado 1724'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 2860'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen 3720'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 4075'	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4355'	T. Simpson	T. Gallup	T. Ignacio Quize
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinberry	T. Gr. Wash	T. Morrison	T.
T. Tubo	T. Granite	T. Todilto	T.
T. Brinkard	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 (Rough 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	300'	300'	Surface				
300	1410'	1110'	Redbeds				
1410	2675'	1265'	Anhy & Salt				
2675	4102'	1427'	Anhy				
4102	4744'	642'	Anhy & Dolo				
4744	4777'	33'	Dolo				
4777	TD						

RECORDED
FEB 2 1951
HOBBS OFFICE

INCLINATION REPORT

OPERATOR Phillips Petroleum Co. ADDRESS 4001 Penbrook, Odessa, TX 79762
 LEASE NAME East Vacuum Grayburg/San Andres Tract 2738 WELL NO. 009 FIELD Vacuum Gb/SA
 LOCATION 1400' FN and 50' FW lines, Section 27, T-17-S, R-35-E, Lea County, N.M.

DEPTH	ANGLE INCLINATION DEGREES	DISPLACEMENT	DISPLACEMENT ACCUMULATED
370	1/4	1.6280	1.6280
600	1/4	1.0120	2.6400
1034	1/2	3.7758	6.4158
1529	3/4	6.4845	12.9003
2027	1	8.7150	21.6153
2545	1	9.0650	30.6803
3052	1 1/4	11.0526	41.7329
3552	1	8.7500	50.4829
4107	3/4	7.2705	57.7534
4375	1 1/4	5.8424	63.5958
4777	1	7.0350	70.6308

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

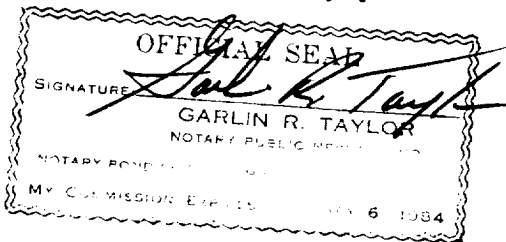
Denise Leake
 TITLE Denise Leake, Office Manager

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 13 day of Oct, 1980



SEAL

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

RECEIVED

FEB 24 1982

HOZES OFFICE