

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 #30-025-27990

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
L-G888

7. Unit Agreement Name

8. Farm or Lease Name

GAS 1-2 STATE *Yao*

9. Well No.

1-2

10. Field and Pool, or Wildcat

North Lusk Morrow

12. County

Lea

1. TYPE OF WELL

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 Oil Company

4. Address of Operator

Room 401, 4001 Penbrook St., Odessa, Texas 79762

5. Location of Well

6. NEIT LETTER E LOCATED 1980 FEET FROM THE north LINE AND 660 FEET FROM7. NE West LINE OF SEC. 2 TWP. 19-S RGE. 32-E NMPM

8. Date Spudded 11-10-82 16. Date T.D. Reached 1-24-83 17. Date Compl. (Ready to Prod.) 3-23-83 (perf) 18. Elevations (DF, RKB, RT, GR, etc.) 3691' GR, 3712' RKB 19. Elev. Casinghead --

9. Total Depth 13670 21. Plug Back T.D. 13233 22. If Multiple Compl., How Many single 23. Intervals Drilled By Rotary Tools Cable Tools 0-13670

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

Morrow Top 13171', Bottom 13233' PBTD

25. Was Directional Survey Made

No

5. Type Electric and Other Logs Run

GR-N Acoustic, DLL, MLL, Densilog GR-N (compensated)

27. Was Well Cored

6. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT L.B./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED		
13 3/4" H-40	48 & 54#	444	17 1/2" (450sx C	CW 1/4# Flocele/sx & 2% CaCl2 circ 90 sx)			
8 5/8" S-80	32#	5040'	11" (1st:612sx	ClH w/5# Salt, 10# sand, 5/10 of 1% CFR-2			
		30sx, DVC 3300'; 2nd:1260sx	LW w/18# salt & 1/4# Flocele/sx & 100sx Class C circ				
5 1/2" S-95	17#	13670'	7 7/8" (1600sx	ClH w/5/10 of 1% CFS-2 & HALADZZA per			
9. LINER RECORD				(sx TOC @ 30. 11845'	TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	DEPTH SET	PACKER SET	
					2 7/8"	13051	12961'

1. Perforation Record (Interval, size and number)

Van Gun perforations 13171 - 220', 4 shots per ft
Total 49', 196 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
13507-17', 13566-87'	abndnd w/C1BP@13430'w/35'cmt, 19
13250-71'	abndnd w/C1BP@13245'w/12'cmt on to
13171-220'	2500 gals 7 1/2% acid;
	Fract w/16000 gals Aclogel, 8000
	gals CO2 & 22,500# interprop

3. See Form C122 attached

PRODUCTION

Date First Production

8-10-83

Production Method (Flowing, gas lift, pumping - Size and type pump)

Well Status (Prod. or Shut-in)

Shut in

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.)	

4. Disposition of Gas (Sold, used for fuel, vented, etc.)

Shut in pending connection

Test Witnessed By

John West Engineering

5. List of Attachments

C-122, worksheets and BHP test report forms

6. 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 Senior Engineering Specialist DATE 9-28-83

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

T. Anhy <u>Rustler 1350</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn <u>11953</u>	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____	T. Arch <u>MORROW SAND 12259</u>	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2919</u>	T. Miss <u>12890</u>	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4733</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qizte _____
T. Delaware <u>Lime 5260</u>	T. McKee _____	T. Base Greenhorn _____	T. Granite _____
T. Bone Springs <u>7247</u>	T. Ellenburger _____	T. Dakota _____	T. _____
T. 1st Bone Spring Sand <u>8282</u>	T. Gr. Wash _____	T. Morrison _____	T. _____
T. 2nd Bone Spring Sand <u>9284</u>	T. Granite _____	T. Todillo _____	T. _____
T. 3rd Bone Spring Sand <u>10110</u>	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Abo _____	T. <u>Barnett 13298</u>	T. Chinle _____	T. _____
T. Wolfcamp <u>10544</u>	T. _____	T. Permian _____	T. _____
T. Penn. _____	T. _____	T. Penn. "A" _____	T. _____
T. Cisco (Bough C) _____	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	160	160	caliche sand	9588	9946	358	lime, sandstone
160	444	284	redbeds	9946	10070	124	lime, sandstone, shale
444	1147	703	redbeds, anhydrite	10070	10135	65	lime, shale, dolomite
1147	2386	1239	shale, anhydrite, salt	10135	10250	115	sandstone
2386	2924	530	anhydrite, salt	10250	10512	262	sandstone, dolomite
2924	3399	483	anhydrite	10512	10715	203	dolomite, sandstone, lime
3399	3700	301	anhydrite, dolomite	10715	10893	178	lime, shale, dolomite, sandstone
3700	4063	363	anhydrite, lime	10893	11375	477	shale
4063	4391	328	dolomite, lime	11375	11557	182	shale
4391	4714	323	dolomite, sand	11557	12027	470	lime & shale
4714	5158	444	dolomite	12027	12205	178	lime
5158	5762	604	dolomite, shale, lime	12205	12298	93	lime, shale, chert
5762	6834	1072	lime	12298	12689	391	lime & shale
6834	7163	329	lime, dolomite, shale	12689	12837	148	lime
7163	8610	1447	lime, shale	12837	13090	253	shale
8610	8744	134	lime, shale, sand	13090	13195	105	lime, shale
8744	9102	358	lime, shale, sand	13195	13206	111	shale