

STATE 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

API No. 30-025-29950

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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-2229

7. Unit Agreement Name

1. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

8. Farm or Lease Name
Philmex

9. Well No.
21

2. Name of Operator
Phillips Petroleum Company

3. Address of Operator
4001 Penbrook Street, Odessa, Texas 79762

4. Location of Well

10. Field and Pool, or Wildcat
Vacuum Gb/SA

UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1980 FEET FROM East LINE OF SEC. 35 TWP. 17-S RGE. 33-E WMPM

12. County
Lea

15. Date Spudded
7-03-87

16. Date T.D. Reached
7-11-87

17. Date Compl. (Ready to Prod.)
8-07-87

18. Elevations (DF, RKB, RT, GR, etc.)
4119' GR, 4128' RKB

19. Elev. Casinghead
-

20. Total Depth
4800'

21. Plug Back T.D.
4732'

22. If Multiple Compl., How Many

23. Intervals Drilled By
Rotary Tools
0-4800'

Cable Tools
-

24. Producing Interval(s), of this completion - Top, Bottom, Name
Grayburg-San Andres 4325'-4546'

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
CBL-GR-CCL, DLL-MLL-GR/Cal

27. Was Well Cored
No

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	1490'	12-1/4"	1000 sx "C". Circ 200 sx	
5-1/2"	15.5# K-55	4800'	7-7/8"	800 sx "C", 5#/sx salt. Circ 175 sx	

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-7/8"	4580'

31. Perforation Record (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Perf'd 5 1/2" csg w/4" OD csf gun 4325'04327'; 4370-4374'; 4388'-4390'; 4438'-4440'; 4449'-4451'; 4480'-4483'; 4506'-4508'; 4512'-4520'; 4532'-4546' (total of 56 holes)		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		4325'-4546'	3900 gals 15% NEFE HCL
		4325'-4546'	43,000 gals gelled crosslinked
			2% KCL w/80,000# 20-40 sand

33. PRODUCTION

Date First Production
8-10-87

Production Method (Flowing, gas lift, pumping - Size and type pump)
2 1/2" X 2" x 22' insert pump

Well Status (Prod. or Shut-in)
Producing

Date of Test 8-18-87	Hours Tested 24 hrs	Choke Size -	Prod'n. For Test Period →	Oil - Bbl. 240	Gas - MCF 321	Water - Bbl. 386	Gas - Oil Ratio 1337
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate →	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.) 37.9	

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

Test Witnessed By
Fred Starkey

35. List of Attachments
Logs furnished direct by logging company

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 Engineering Supervisor, Reserve DATE August 24, 1987

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 potentiometric log 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 10 through 14 shall be reported for each zone. This 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

T. Anby _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
D. Salt _____	T. Atoka _____	T. Fictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3800'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 4172'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 4548'	T. Simpson _____	T. Gallup _____	T. Ignacio Quartz _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todillo _____	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	1203	1203	Red Bed				
1203	1429	226	Red Bed, Anhydrite				
1429	1915	712	Anhydrite				
1915	2960	1045	Anhydrite, Salt				
2960	3140	180	Anhydrite, Dolomite				
3140	4800	1840	Dolomite				
		TD					

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AUG 27 1987
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