

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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-934

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

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

7. Unit Agreement Name  
none

8. Farm or Lease Name  
State

2. Name of Operator  
Penrose Production Company

9. Well No.  
1

3. Address of Operator  
1605 Commerce Building, Fort Worth, Texas 76102

10. Field and Pool, or Wildcat  
Langlie Mattix

4. Location of Well  
UNIT LETTER D LOCATED 660 FEET FROM THE north LINE AND 660 FEET FROM

12. County  
Lea

THE west LINE OF SEC. 20 TWP. 22S RGE. 37E NMPM

15. Date Spudded 4/1/71	16. Date T.D. Reached 4/4/71	17. Date Compl. (Ready to Prod.) 5/3/71	18. Elevations (DF, RKB, RT, GR, etc.) 3396' GL	19. Elev. Casinghead 3393'
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20. Total Depth 4000'	21. Plug Back T.D. 3954'	22. If Multiple Compl., How Many single	23. Intervals Drilled By Rotary Tools 400'	Cable Tools
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24. Producing Interval(s), of this completion - Top, Bottom, Name  
3655'-3788', Grayburg

25. Was Directional Survey Made  
No

26. Type Electric and Other Logs Run  
Gamma Ray-Neutron

27. 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"	23	291	12 1/4"	250 sx	none
5 1/2"	14	3450'	7 7/8"	300 sx	none

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
4 3/4"	3286'	4000'	110	none	2 3/8"	3635'	none

31. Perforation Record (Interval, size and number)  
3655'-3702', 11 - 1/2" holes  
3753'-3788', 9 - 1/2" holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3865'-3909'	squeezed with 60 sx
3655'-3702'	1300 gal. acid 20000 gal frac.
3753'-3788'	1300 gal. acid 20000 gal frac.

33. PRODUCTION

Date First Production 5/3/71	Production Method (Flowing, gas lift, pumping - Size and type pump) pump	Well Status (Prod. or Shut-in) Producing					
Date of Test 5/3/71	Hours Tested 24	Choke Size 2"	Prod'n. For Test Period →	Oil - Bbl. 16	Gas - MCF 144	Water - Bbl. 84	Gas - Oil Ratio 9000
Flow Tubing Press. ==	Casing Pressure 25 psi	Calculated 24-Hour Rate →	Oil - Bbl. 16	Gas - MCF 144	Water - Bbl. 84	Oil Gravity - API (Corr.) 33.5° @ 60° F	

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

Test Witnessed By  
Ray A. Pierce

35. List of Attachments  
Gamma-Ray Neutron log for interval deepened

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 H. S. Winters TITLE Petroleum Engineer DATE 5/4/71

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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

T. Anhy	1100'	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	1220'	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	2560'	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates		T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers		T. Devonian	T. Menefee	T. Madison
T. Queen	3450'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	3621'	T. Montoya	T. Mancos	T. McCracken
T. San Andres		T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta		T. McKee	Base Greenhorn	T. Granite
T. Paddock		T. Ellenburger	T. Dakota	T.
T. Blinebry		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.

**FORMATION RECORD (Attach additional sheets if necessary)**

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	190	190	Surface sands & gravel				
190	1100	910	Red bed				
1100	1220	120	Anhydrite				
1220	2560	1340	Salt				
2560	3450	890	Streaks of limestone and anhydrite				
3450	3600	150	Dolomite and sand				
3600	3700	100	Anhydrite, sand, dolo- mite and green shale				
3700	4000	300	Dolomite with occasion- al small streaks of sand				

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**OIL CONSERVATION COMM.**  
**HOBBS, N. M.**