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U.S.G.S.

LAND OFFICE

OPERATOR

Form C-105  
Revised 1-1-65NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease

State ☐Fee ☒

5. State Oil &amp; Gas Lease No.

--

7. Unit Agreement Name

--

8. Farm or Lease Name

Lowe

9. Well No.

1

10. Field and Pool, or Wildcat

Langlie-Mattix SR-Qn.

12. County

Lea

1a. TYPE OF WELL

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER

2. Name of Operator

Armer Oil Company

3. Address of Operator

2110 Continental National Bank Bldg., Ft. Worth, Texas 76102

4. Location of Well

UNIT LETTER O LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROMTHE East LINE OF SEC. 26 TWP. 22S RGE. 37E NMPM

15. Date Spudded

6/9/73

16. Date T.D. Reached

6/14/73

17. Date Compl. (Ready to Prod.)

6/30/73

18. Elevations (DF, RKB, RT, GR, etc.)

3315' RKB

19. Elev. Casinghead

3306' (1' above GR)

20. Total Depth

3742'

21. Plug Back T.D.

3725'

22. If Multiple Compl., How Many

--

23. Intervals Drilled By

Rotary Tools

0-3742'

Cable Tools

--

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

3544-3718' Penrose sand

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

Schlumberger GR-Sidewall Neutron Porosity-Dual Laterolog

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" OD	20	398 RKB	11"	250 sxs - Circulated	--
5-1/2" OD	15.5 & 17	3741 RKB	7-7/8"	350 sxs	--

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	3640' GR	--

31. Perforation Record (Interval, size and number)

3544-66' (10 - 0.37" holes)  
3648-3718' (17 - 0.37" holes)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3544-66'	20,000 gals. gelled brine w/30,000# sand
3648-3718'	40,000 gals. gelled brine w/50,000# sand

33. PRODUCTION

Date First Production 7/4/73		Production Method (Flowing, gas lift, pumping – Size and type pump) Pump 2" x 1-1/2" x 12' Insert					Well Status (Prod. or Shut-in) Prod.	
Date of Test 8/3/73	Hours Tested 24	Choke Size 2"	Prod'n. For Test Period →	Oil – Bbl. 9.24	Gas – MCF 50	Water – Bbl. 25	Gas – Oil Ratio 5411	
Flow Tubing Press. 20 psi	Casing Pressure 25 psi	Calculated 24- Hour Rate →	Oil – Bbl. 9.24	Gas – MCF 50	Water – Bbl. 25	Oil Gravity – API (Corr.) 39° API		

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

Used for fuel and vented (vented gas to be sold)

Test Witnessed By

Chandler Haggard

35. List of Attachments

Schlumberger GR-Sidewall Neutron Porosity and WEK Drilling Co., Inc. Deviation Survey

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

TITLE

Production Manager

DATE

August 17, 1973