

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

Form C-105
Revised 1-1-65

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

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

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
--

8. Farm or Lease Name
Fluor

2. Name of Operator
Armer Oil Company

9. Well No.
3

3. Address of Operator
2110 Continental National Bank Bldg., Fort Worth, Texas 76102

10. Field and Pool, or Wildcat
Langlie-Mattix SR

4. Location of Well
UNIT LETTER <u>K</u> LOCATED <u>2310</u> FEET FROM THE <u>South</u> LINE AND <u>1650</u> FEET FROM

12. County
Lea

THE <u>West</u> LINE OF SEC. <u>35</u> TWP. <u>22S</u> RGE. <u>37E</u> NMPM

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
12/14/73	12/19/73	12/30/73	3315' GR 3325' RKB	3316'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
3658' RKB	Not plugged back	--	→	0-3658' RKB	--

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
3638'-3658' RKB - Penrose Sand	No

26. Type Electric and Other Logs Run	27. Was Well Cored
Welex GR-Compensated Sidewall Neutron-Guard-Forxo	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# (new)	384'RKB	11"	175 sxs Class C w/2% CaCl	None
5-1/2" OD	14#, 15.5#, & 17# (new)	3638'RKB	7-7/8"	150 sxs Class C w/4% gel	None
				200 sxs Class H w/10# sd.,	
				5# salt, 1% CFR-2 per sx.	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"OD SN @	3592'RKB	None

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
None - Open hole 3638-58' RKB	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	3638-58' RKB	Acidized w/750 gals. 15% acid.
	3638-58' RKB	Fractured w/20,000 gals. gelled 2% KCl wtr. & 17,000# sand.

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
1/19/74		Pumping w/ 1-1/2" tbg. pump				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1/20/74	24 hrs.	--	→	82	120 (est.)	150	1463:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
--	--	→	82	120 (est.)	150	38	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Used for fuel and vented - Warren to connect vented gas.	Robert Haggard

35. List of Attachment
WEK Drilling Co., Inc. Deviation Survey & Welex GR-Compensated Sidewall Neutron log.

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 <u>CR Suley</u>	TITLE <u>Production Manager</u>	DATE <u>1/29/74</u>
------------------------	---------------------------------	---------------------

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 _____ 1170'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____ 1265'	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____ 2489'	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2623'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 2773'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3162'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	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. Blinberry _____	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
1170'	1265'	95'	Anhydrite				
1265'	2489'	1224'	Salt w/Anhydrite Stringers				
2489'	2623'	134'	Sdy. Dolomite and Anhydrite				
2623'	2773'	150'	Dolomite w/Sand Stringers (Yates)				
2773'	3162'	389'	Dolomite, Anhydrite, and Sand (Seven Rivers)				
3162'	3562'	400'	Sdy. Dolomite, Anhydrite, and Sand (Queen)				
3562'	3658'	96'	Dolomitic and Anhydritic Sand (Penrose)				
			All measurements RKB				