

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTOIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5a. Indicate Type of Lease	
State ☐	Fed ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

T. M. Lankford WN

9. Well No.

3

10. Field and Pool, or Wildcat

Langlie Mattix 7 R Qn.

12. County

Lea

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

ARCO Oil & Gas Company Division of Atlantic Richfield Company

3. Address of Operator

P.O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER D LOCATED 660 FEET FROM THE North LINE AND 660 FEET FROMTHE West LINE OF SEC. 25 TWP. 23S RGE. 36E NMPM

15. Date Spudded 4-2-81 16. Date T.D. Reached 4-10-81 17. Date Compl. (Ready to Prod.) 5-8-81 18. Elevations (DF, RKB, RT, GR, etc.) 3364' GR 19. Elev. Casinghead

20. Total Depth 3750' 21. Plug Back T.D. 3681' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-3750' Cable Tools

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

3445-3664 Seven Rivers Queen

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR-CNL-FDC w/ caliper, GR-DLL-RXO

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	24# K-55	1211'	12 1/4"	850 SX	
5 1/2" OD	15.5# K-55	3724'	7- 7/8"	850 SX	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8" OD	3646'	

31. Perforation Record (Interval, size and number)

3445, 50, 64, 70, 84, 88, 3504, 14, 20, 27, 32, 53, 59, 64, 70, 78, 87, 92, 3633, 42, 47, 52, 3664-23-.44" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3445-3664'	3000 gals 15% NE acid
3445-3664'	44,000 gals gelled wtr 22,000 gals CO ₂ , 79,000# 20/40 sd,
	33,750# 10/20 sd.

33. PRODUCTION

Date First Production 4-30-81		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping-2" x 1 1/2" x 12' HF Type RWTC				Well Status (Prod. or Shut-in) Prod.	
Date of Test 5-18-81	Hours Tested 24	Choke Size -	Prod'n. For Test Period →	Oil - Bbl. 22	Gas - MCF 45	Water - Bbl. 28	Gas - Oil Ratio 2045:1
Flow Tubing Press. -	Casing Pressure -	Calculated 24-Hour Rate →	Oil - Bbl. 22	Gas - MCF 45	Water - Bbl. 28	Oil Gravity - API (Corr.) 34°	

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

Sold

Test Witnessed By

Jerry Guy

35. List of Attachments

Logs as listed in item 26 above & Inclination Report.

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.

TITLE Dist. Drlg. Supt.

DATE 5-19-81

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 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 _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2925'	T. Miss _____	T. Cliff House _____	T. Leadville _____ *
T. 7 Rivers _____ 3143'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3532'	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. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ 3445 _____ to _____ 3664' _____ 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. None Encountered

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	1035	1035	Surface & Red Beds				
1035	1211	176	Red Bed & Anhydrite				
1211	1830	619	Anhydrite & Salt				
1830	2576	746	Salt				
2576	2830	254	Salt & Anhydrite				
2830	3123	293	Anhydrite & Shale				
3123	3750	627	Anhydrite & Lime				
	TD						

OIL CONSERVATION DIV.

MAY 27 1981

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