

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 ☐	Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

E. L. Steeler WN

9. Well No.

5

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 Co.

3. Address of Operator

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

4. Location of Well

UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROMTWP. 23S RGE. 37E NMPM

15. Date Spudded

1-20-81

16. Date T.D. Reached

1-29-81

17. Date Compl. (Ready to Prod.)

3-17-81

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

3333.4 GR

19. Elev. Casinghead

20. Total Depth

3898'

21. Plug Back T.D.

3805'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

Cable Tools

0-3898'

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

3418-3695' 7 Rivers Queen

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

CNL-CDL-GR, DLL w/Caliper. Temp Survey, CBL

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
13 3/8" OD	54.5#	30'	17 1/2"	3 yd R-M to Surf	
8 5/8" OD	24#	1185'	12 1/4"	850 sx Circ to surf	
5 1/2" OD	15.5#	3898'	7 7/8"	900 sx TOC @ 1110'	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8" OD	3733'	-

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

3418, 24, 32, 78, 83, 91, 3508, 14, 20, 26, 32, 37, 42, 72, 80, 86, 92, 98, 3607, 13, 20, 31, 44, 52, 64, 70, 75, 88, 95, = 29-.42" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3418-3695'	3000 gals 15% NE-HCL acid
3418-3695'	Frac'd w/40,000 gals gel wtr.
	20,000 gals CO ₂ , 102,000# sd.

33. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
3-8-81		Pumping 2" x 1 1/4" x 12' rod pump				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
5-3-81	24	-		3	38	2	12,667:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
-	-		3	38	2	36°	

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 and 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.

SIGNED

TITLE

Dist. Drlg. Supt.

DATE

5-15-81

INSTRUCTIONS

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 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. 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 _____ 2910'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3135'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3490'	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. 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 _____ 3418' to _____ 3695'	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	1185	1185	Surface & Red Bed				
1185	1955	770	Anhy & Salt				
1955	2597	642	Salt & Anhy				
2597	2890	293	Anhy & Salt				
2890	3018	128	Salt & Anhy				
3018	3151	133	Anhy				
3151	3898	747	Lime				

RECEIVED

MAY 5 1947

Oil & Gas Division