

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL 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 Mae F. Curry
9. Well No. 2
10. Field and Pool, or Wildcat Eumont Yates 7R Qn
12. County Lea

A. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

B. TYPE OF COMPLETION

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

Name of Operator ARCO Oil and Gas Company

Division of Atlantic Richfield Company

Address of Operator

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

C. Location of Well

UNIT LETTER A LOCATED 330 FEET FROM THE North LINE AND 660 FEET FROM

East LINE OF SEC. 7 TWP. 21S RGE. 37E NMPM

13. Date Spudded 11/18/82	15. Date T.D. Reached 11/25/82	17. Date Compl. (Ready to Prod.) 12/21/82	18. Elevations (DF, RKB, RT, GR, etc.) 3526.2' GR	19. Elev. Casinghead
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20. Total Depth 3850'	21. Plug Back T.D. 3829'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools Cable Tools 0-3850'
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24. Producing Interval(s), of this completion - Top, Bottom, Name

3656-3802' Yates 7R Queen

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

GR-CN/CDL, GR-DLL, GR-CCL

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
14"	Cond Pipe	30'	17½"	2 yds Redi-mix	
8-5/8"	24# K-55	435'	11"	225 sx	
5½" OD	15.5# K-55	3850'	7-7/8"	1230 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"OD	3746'	-

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

3656, 58, 62, 70, 74, 78, 85, 90, 94, 98,
3700, 08, 13, 33, 38, 43, 47, 58, 65, 67,
83, 85, 3802' = 23 .42" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3656-3802'	3000 gals 15% NEA acid and 28,000 gal Apollo-40 gel & 12,000 gals CO ₂ , 105,000# sd in 2 equal stages.

33. PRODUCTION

Date First Production 12/19/82		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" x 1½" x 12' rod				Well Status (Prod. or Shut-in) Prod.	
Date of Test 1/6/83	Hours Tested 24	Choke Size -	Prod'n. For Test Period →	Oil - Bbl. 40	Gas - MCF 336	Water - Bbl. 9	Gas - Oil Ratio 8400:1
Flow Tubing Press. -	Casing Pressure -	Calculated 24-Hour Rate →	Oil - Bbl. 40	Gas - MCF 336	Water - Bbl. 9	Oil Gravity - API (Corr.) 38°	

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

Sold

Test Witnessed By

George Benham

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 Roland P. Lawrence TITLE Drlg. Engr. DATE 1/7/83

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 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 _____ 3063'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 3336'	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3654'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3820'	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 _____ 3656 _____ to _____ 3802' _____	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	309	309	Surface				
309	474	165	Red Bed				
474	855	381	Red Bed, Anhy, Salt				
855	1355	500	Salt, Anhy				
1355	1575	220	Anhy & Salt				
1575	2314	739	Anhy, Salt & Potash				
2314	2601	287	Anhy, Salt				
2601	2813	212	Anhy				
2813	3165	352	Anhy, Potash & Shale				
3165	3361	196	Lime & Sand				
3361	3540	179	Anhy, Potash & Dolo				
3540	3680	140	Dolo & Lime				
3680	3719	39	Lime & Dolo				
3719	3850	131	Dolo				

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JAN 7 1983

RECORDS OFFICE