

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.

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVL. ☐ 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

Location of Well

7. Unit Agreement Name

8. Farm or Lease Name

Mae F. Curry

9. Well No.

1

10. Field and Pool, or Wildcat

Eumont Yates 7 R Queen

UNIT LETTER B LOCATED 660 FEET FROM THE North 1980

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

11. Date Spudded 11-1-81 16. Date T.D. Reached 11-10-81 17. Date Compl. (Ready to Prod.) 1-30-82 18. Elevations (DF, RKB, RT, GR, etc.) 3508.2' GR 19. Elev. Casinghead

20. Total Depth 3850' 21. Plug Back T.D. 22. If Multiple Compl., How Many 23. Intervals Drilled By 0-3850' 24. Was Directional Survey Made No

25. Producing Interval(s), of this completion - Top, Bottom, Name
3625-3665' Yates 7 R Qn
3687-3753' Yates 7 R Qn

26. Type of Tests and Other Logs Run

GR-CNL/FDC, DLL, MLL, W/Caliper & GR-CCL

27. Was Well Cored

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	Conductor Pipe	32'	20"	2 yds Redi-Mix	
8-5/8" OD	24# K-55	1225'	12-1/4"	650 sx	
5-1/2" OD	15.5# K-55	3850'	7-7/8"	1220 sx	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	3765'	

28. Perforation Record (Interval, size and number)

3687, 94, 3701, 04, 07, 12, 15, 28, 36, 53' = 10 holes

3625, 27, 39, 42, 46, 50, 55, 59, 62, 3665' = 10 holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3687-3653'	1500 gals 15% HCL NE acid
3625-3665'	1500 gals 15% HCL NE acid, frac
3625-3687' w/	28,000 gals gel wtr, 12,000 gals CO ₂ & 110,250# sd.

30. PRODUCTION

31. First Production 1-11-82	32. Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" X 1 1/2" X 16' rod	33. Well Status (Prod. or Shut-in) Prod.
34. Date of Test 2-2-82	35. Hours Tested 24	36. Choke Size ---
37. Flow Tubing Pssg. ---	38. Casing Pressure ---	39. Calculated 24-Hour Rate ---
40. Oil - Bbl. 70	41. Gas - MCF 278	42. Water - Bbl. 4
43. Oil Gravity - API (Corr.) 38°	44. Gas Gravity - API (Corr.)	45. Water Gravity - API (Corr.)

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

Vented - WOPLC

Test Witnessed By

George Benham

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.

SIGNED

Jerry L. Schmidt

TITLE Dist. Drlg. Supt.

DATE 2-3-82

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 depth 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 <u>3048'</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers <u>3314'</u>	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>3623'</u>	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
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 <u>3687</u> to <u>3653'</u>	No. 4, from _____ to _____
No. 2, from <u>3625</u> to <u>3665'</u>	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. <u>None Encountered</u>
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	600	600	Surface & Red Beds				
600	918	318	Red Bed & Anhydrite				
918	1225	307	Red Beds				
1225	1480	255	Anhydrite				
1480	2794	1314	Salt & Anhydrite				
2794	3438	644	Anhydrite				
3438	3570	132	Anhydrite & Lime				
3570	3850	280	Lime				

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STATION 1000