

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. 157
7. Unit Agreement Name
8. Farm or Lease Name State 157 "F"
9. Well No. 4
10. Field and Pool, or Wildcat Jalmat Yates 7R
12. County Lea

1. TYPE OF WELL a. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐ b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐	2. Name of Operator ARCO Oil and 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 <u>B</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM <u>East</u> LINE OF SEC. <u>17</u> TWP. <u>23S</u> RGE. <u>36E</u> NMPM 15. Date Spudded 7/4/82 16. Date T.D. Reached 7/13/82 17. Date Compl. (Ready to Prod.) 8/25/82 18. Elevations (DF, R&B, RT, GR, etc.) 3485.9' GR 19. Elev. Casinghead 3748' 20. Total Depth 3728' 21. Plug Back T.D. 3728' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools 0-3748' 24. Producing Interval(s), of this completion - Top, Bottom, Name 3612-3680', 3562-3587' & 3468-3537' Jalmat Yates 7R 25. Was Directional Survey Made No 26. Type Electric and Other Logs Run GR-CNL/FDC w/Caliper, DLL, GR-CL 27. Was Well Cored No
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28. CASING RECORD (Report all strings set in well)				
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD
8-5/8" OD	24# K-55	400'	12 1/2"	250 sx
4 1/2" OD	11.60# N-80	3748'	7-7/8"	1175 sx

29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
					2-3/8" OD 3696'

31. Perforation Record (Interval, size and number) 3612, 14, 35, 39, 41, 54, 57, 60, 73, 75, 77, 80' = 12 .42" holes 3562, 65, 68, 70, 72, 74, 77, 80, 83, 87 = 10 .42" 3468, 72, 77, 80, 84, 3509, 20, 22, 25, 30, 32, 34, 37' = 13 .42" holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 3612-3680' 3562-3587' 3468-3537' 3468-3680' AMOUNT AND KIND MATERIAL USED 2000 gals 15% NEFE acid 2000 gals 15% NEFE acid 2000 gals 15% NEFE acid 35,000 gal x-linked gel, 50% by vol CO ₂ & 97,500# sd
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33. PRODUCTION		Well Status (Prod. or Shut-in) SI, WOPLC	
Date First Production 8/19/82	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		
Date of Test 8/30/82	Hours Tested 24	Choke Size 64/64"	Prod'n. For Test Period Oil - Bbl. 4 Gas - MCF 676 Water - Bbl. 0 Oil Gravity - API (Corr.) 169,000
Flow Tubing Press. 35#	Casing Pressure 138#	Calculated 24-Hour Rate Oil - Bbl. 4 Gas - MCF 676 Water - Bbl. 0	

34. Disposition of Gas (Sold, used for fuel, vented, etc.) To be sold - SI WOPLC	Test Witnessed By George Benham
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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 <u>Roland P. Lawrence</u>	TITLE <u>Drlg Engr.</u>	DATE <u>9/02/82</u>

INSTRUCTIONS

This form is to be filed with the 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 filled in quadruplicate except on size land, where six copies are required. (See Rule 1105.)

INDUSTRY FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Any	T. Canyon	T. Ojo Alamo	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ortiz	T. Granite
T. Glorieta	T. McKee	T. Base Greenhorn	T. T. Penn. "A"	T. T. Penn. "A"	T. T. Penn. "A"	T. T. Penn. "A"	T. T. Penn. "A"	T. T. Penn. "A"	T. T. Penn. "A"	T. T. Penn. "A"	T. T. Penn. "A"
T. Paddock	T. Ellenburger	T. Dakota	T. Morrison	T. Granite	T. Delaware Sand	T. Bone Springs	T. Windgate	T. Childe	T. Permian	T. Permian	T. Permian
T. Blinberry	T. Gr. Wash	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite
T. Drinkard	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite	T. T. Granite
T. Abo	T. Bone Springs	T. Windgate	T. Childe	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian
T. Wolfcamp	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian
T. Cisco (Bough C)	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian	T. Permian

OIL OR GAS SANDS OR ZONES

No. 1, from 3468'	to 3680'	No. 4, from	No. 5, from	No. 6, from
No. 2, from	to	No. 5, from	to	No. 6, from
No. 3, from	to	No. 6, from	to	No. 7, from

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	400	400	Surface	400	749	749	Red Beds
1149	1611	462	Red Bed & Anhy	194	453	453	Anhy & Salt
1805	1805	194	Anhy	2258	2258	453	Anhy & Salt
2258	2964	706	Salt & Anhy	3131	3131	167	Anhy
2964	3131	167	Anhy	3308	3308	177	Anhy & Salt
3131	3308	177	Anhy & Salt	3748	3748	440	Anhy