

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.O.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	

6. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐				7. Unit Agreement Name											
8. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐				8. Farm or Lease Name W. F. Hanagan											
9. Name of Operator ARCO Oil & Gas Company Division of Atlantic Richfield Company				9. Well No. 5											
10. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240				10. Field and Pool, or Wildcat Jalmar Yates 7 R											
11. Location of Well N 760 FEET FROM THE South LINE AND 2080 FEET FROM West				12. County Lea											
15. Date Spudded 3/8/80		16. Date T.D. Reached 3/12/80		17. Date Compl. (Ready to Prod.) 5/11/80		18. Elevations (DF, RKB, RT, GR, etc.) 3150.6' GR		19. Elev. Casinghead							
20. Total Depth 3200'		21. Plug Back T.D. 3051'		22. If Multiple Compl., How Many		23. Intervals Drilled By Rotary Tools 0-3200'		24. Cable Tools							
24. Producing Interval(s), of this completion - Top, Bottom, Name 2992, 97, 3002, 13, 16, 27, 31, 34, 39, 42 Yates FR <i>Sub</i>								25. Was Directional Survey Made No							
26. Type Electric and Other Logs Run GR-FDC, CNC Caliper, GR-CNL-DDL & 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		32# K-55		1100'		12 1/4"		370 sx							
5 1/2" OD		15.5# K-55		3200'		7-7/8"		750 sx							
29. LINER RECORD										30. TUBING RECORD					
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		SIZE		DEPTH SET		PACKER SET	
										2-7/8" OD		3024'		-	
31. Perforation Interval (Interval, size and number) 2992, 97, 3002, 13, 16, 27, 31, 34, 39, 42' = 10 - .48" holes						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED							
						2710-3168'		4000 gals 15% NE-FE & 16 bbls KCL wtr.							
						2890-3168'		150 sx Cl H cmt w/16% gel, 150 sx Cl C cmt w/2% CaCl							
33. PRODUCTION (cont'd on attached report.)															
Date First Production 5/11/80		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 2" x 1 1/4" x 12' RWTC						Well Status (Prod. or Shut-in) Prod							
Date of Test 7/14/80		Hours Tested 24		Choke Size		Prod'n. For Test Period		Oil - Bbl. 6		Gas - MCF 7		Water - Bbl. 2		Gas - Oil Ratio 1167	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl. 6		Gas - MCF 7		Water - Bbl. 2		Oil Gravity - API (Corr.) 32.9°			
34. Disposition of Gas (Solid, 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.															
SIGNED <i>W. W. McDaniel</i>				TITLE Dist. Dir. Supt.				DATE 7/10/80							

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 2865'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3102'	T. Devonian	T. Menefee	T. Madison
T. Queen	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 2992 to 3042'	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	110	110	Surface & Red Bed				
110	1100	990	Red Beds				
1100	1432	332	Red Beds & Anhy				
1432	2905	1473	Anhy, Salt, Lime				
2905	3200	295	Anhy, Lime				