

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
**RECEIVED**

5a. Indicate Type of Lease  
State ☒ Fee ☐  
State Oil & Gas Lease No.  
647

NOV 14 1975

NO. OF COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

1a. TYPE OF WELL		OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <b>O.C.C.</b>		7. Unit Agreement Name	
b. TYPE OF COMPLETION		NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <b>ARTESIA, OFFICE</b>		8. Farm or Lease Name Empire Abo Unit "J"	
2. Name of Operator Atlantic Richfield Company				9. Well No. 231	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240				10. Field and Pool, or Wildcat Empire Abo	
4. Location of Well				12. County Eddy	
UNIT LETTER <b>G</b> LOCATED <b>1361</b> FEET FROM THE <b>North</b> LINE AND <b>2531</b> FEET FROM THE <b>East</b> LINE OF SEC. <b>6</b> TWP. <b>18S</b> RGE. <b>28E</b> NMPM					
15. Date Spudded 9/24/75	16. Date T.D. Reached 10/14/75	17. Date Compl. (Ready to Prod.) 10/22/75	18. Elevations (DF, RKB, RT, GR, etc.) 3654.4' GR	19. Elev. Casinghead	
20. Total Depth 6390'	21. Plug Back T.D. 6356'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-6390'	Cable Tools	
24. Producing Interval(s), of this completion - Top, Bottom, Name 6123-6139' Abo				25. Was Directional Survey Made No	
26. Type Electric and Other Logs Run Gamma Ray Neutron, Dual Laterolog w/RXO & GR Correlation				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	24#	1001'	11"	600 sx plus 6 yds Redi-mix	
5-1/2" OD	14#	6390'	7-7/8"	1075 sx (circ to surface)	
29. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
30. TUBING RECORD					
SIZE	DEPTH SET	PACKER SET			
2-3/8" OD	6079'	6044'			
31. Perforation Record (Interval, size and number) 6123, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 6139' = 2 JSPF 32 - .41" shots			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
			DEPTH INTERVAL		
			AMOUNT AND KIND MATERIAL USED		
			6123-6139 4000 gal 15% HCL-LSTNE acid w/iron sequestrant + 2000 gals 50/50 15% HCL-xylene acid.		
33. PRODUCTION					
Date First Production 10/22/75		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing			Well Status (Prod. or Shut-in) Prod.
Date of Test 10/25/75	Hours Tested 24	Choke Size 48/64"	Prod'n. For Test Period 449	Oil - Bbl. 273	Water - Bbl. 2
Flow Tubing Press. 80#	Casing Pressure Pkr	Calculated 24-Hour Rate 449	Oil - Bbl. 273	Gas - MCF 2	Gas - Oil Ratio 608:1
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold				Test Witnessed By Norman Truitt	
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		TITLE Dist. Drlg. Supv.		DATE 10/29/75	

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission 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 _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	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. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____ 1
T. Abo _____ 5615'	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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	800	800	Surface & Red Bed				
800	1001	201	Lime				
1001	1311	310	Anhydrite				
1311	1908	597	Anhydrite & Lime				
1908	6380	4472	Lime				
	TD						