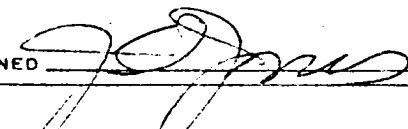


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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form O-105
Revised 11-1-76

RECEIVED

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐		DEC 28 1977		5a. Indicate Type of Lease State ☒ Fee ☐	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		ARTESIA, OFFICE		6. State Oil & Gas Lease No. 648	
2. Name of Operator Atlantic Richfield Company				7. Unit Agreement Name	
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240				8. Farm or Lease Name Hondo 22 State	
4. Location of Well UNIT LETTER <u>H</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>990</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>22</u> TWP. <u>19S</u> RGE. <u>28E</u> N.M.P.M.				9. Well No. 1	
				10. Field and Pool, or Wildcat Wildcat Undesignated Atoka Gas	
				11. County Eddy	
15. Date Spudded 9/2/77	16. Date T.D. Reached 10/18/77	17. Date Compl. (Ready to Prod.) 12/7/77	18. Elevations (DF, RAB, RT, GR, etc.) 3382.5' GR	19. Elev. Casinghead	
20. Total Depth 11,315'	21. Plug Back T.D. 11,115'	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools Cable Tools 0-11,315'	25. Was Directional Survey Made No	
24. Producing Interval(s), of this completion - Top, Bottom, Name 10,477-83' Atoka Gas				27. Was Well Cored No	
26. Type Electric and Other Logs Run FDC-CNL-GR, DLL, MSFL & CBL					
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8" OD	54.5#	403'	17 1/2"	340 sx	
9-5/8" OD	40#	2820'	12 1/4"	1400 sx	
5-1/2" OD	15.5#	11,312'	8-3/4"	1585 sx	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET
				2-7/8" OD	10,374'
31. Perforation Record (Interval, size and number) 10,477-10,483' (12 - .48" holes)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
			DEPTH INTERVAL		
			AMOUNT AND KIND MATERIAL USED		
			11,071-11,093' Squeezed w/100 sx Cl H cont'g .3% Halad 22, 5# KCL/sk		
			11,134-11,195' 4500 gals 7 1/2% MS acid & 2000 SCF N2/bbl, 5000 gal 2% KCL pad		
33. PRODUCTION					
Date First Production 12/4/77		Production Method (Flowing, gas lift, pumping - Size and type pump) Flwg		Well Status (Prod. or Shut-in) SI - WOPLC	
Date of Test 12/7/77	Hours Tested 4	Choke Size 4" x 0.875	Prod'n. For Test Period Oil - Bbl. 10	Gas - MCF 680	Water - Bbl. 0
Flow Tubing Press. 225#	Casing Pressure Pkr	Calculated 24-Hour Rate 60	Oil - Bbl. 4,080	Gas - MCF 0	Oil Gravity - API (Corr.) 57.1
34. Disposition of Gas (Sold, used for fuel, vented, etc.) Shut-in WOPLC				Test Witnessed By Cecil Johnson	
35. List of Attachments Logs as listed in Item 26, DST, 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 <u>Dist. Drlg. Supt.</u>		DATE <u>12/22/77</u>	

INSTRUCTIONS

This form is to be filled 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 40 through 44 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

T. Any	T. Canyon	9638'	T. Ojo Alamo	T. Penn. "B"	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Salt	T. Strawn	10,018'	T. Kirtland-Fruitland	T. Penn. "C"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
B. Salt	T. Aloka	10,293'	T. Pictured Cliffs	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Yates	T. Miss		T. Cliff House	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. 7 Rivers	T. Devonian		T. Menefee	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Queen	T. Silurian		T. Point Lookout	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Grayburg	T. Montoya		T. Mancos	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. San Andres	T. Simpson		T. Gallup	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Glorieta	T. McKee		T. Base Greenhorn	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Paddock	T. Tubb		T. Granite	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Blinberry	T. Gr. Wash		T. Morrison	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Drinkard	T. Delaware Sand		T. Todillo	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Abo	T. Bone Springs		T. Wingate	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Wolfcamp	T. Morrow	10,494'	T. Chinle	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Penn.	T. Penn.		T. Permian	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.
T. Cisco (Bough C)		9083'	T. Penn. "A"	T. Penn. "D"	T. Penn. "D"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Simpson	T. McKee	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Entrada	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from	8825'	to	8900'	No. 4, from	11,005'	to	11,105'
No. 2, from	9149'	to	9196'	No. 5, from		to	
No. 3, from	10,477'	to	10,483'	No. 6, from		to	

Include data on rate of water inflow and elevation to which water rose in hole.

IMPORTANT WATER SANDS

No. 1, from	to	feet	No water 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	467	467	Surface	7112	7298	186	Lime & Sand
467	1143	676	Anhydrite	7298	8900	1602	Lime
1143	1338	195	Anhyd & Lime	8900	9542	642	Lime & Shale
1338	1687	349	Anhyd	9542	9603	61	Shale
1687	1847	160	Lime	9603	11315	1712	Lime & Shale
1847	2126	279	Anhyd & Lime	11315	TD		
2126	2294	168	Lime				
2294	2617	323	Anhyd & Lime				
2617	2779	162	Lime				
2779	2998	219	Lime & Anhyd				
2998	5456	2458	Lime				
5456	5550	94	Lime & Sand				
5550	6625	1075	Lime				
6625	7102	477	Lime & Sand				
7102	7112	10	Lime				