

NO. COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	1
FILE	1 ✓
U.S.G.S.	2
LAND OFFICE	1
OPERATOR	

Form C-105
Revised 11-1-76

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

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. 648

1a. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER ☐

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
8. Farm or Lease Name State BP
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated North Winchester Morrow

2. Name of Operator
Atlantic Richfield Company

3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER **Q** LOCATED **810** FEET FROM THE **South** LINE AND **1980** FEET FROM THE **East** LINE OF SEC. **14** TWP. **19S** RGE. **28E** NMPM

12. County Eddy

15. Date Spudded 4/18/77	16. Date T.D. Reached 5/28/77	17. Date Compl. (Ready to Prod.) TA 10-3-77	18. Elevations (DF, RKB, RT, GR, etc.) 3370.4' GR	19. Elev. Casinghead
20. Total Depth 11,352'	21. Plug Back T.D. 11,245' 2705	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools	Cable Tools
24. Producing Interval(s), of this completion - Top, Bottom, Name 11,067-11,085' Morrow Gas				25. Was Directional Survey Made No
26. Type Electric and Other Logs Run DLL-RXO w/GR, CNL-FDL w/GR				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
13-3/8" OD	54.5#	410'	17 1/2"	365 sx	
8-5/8" OD	32#	2820'	11"	1200 sx	
5-1/2" OD	20#, 17#, 15.5#	11,352'	7-7/8"	1100 sx	5988

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET

31. Perforation Record (Interval, size and number) 11,067-11,071', 11,081-11,085' 2 JSPF - 20 holes - .48"	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>10917-11099'</td> <td>2000 gal 7 1/2% MA acid cont'g 2000 SCF N2O, 41 bbls 4% KCL</td> </tr> <tr> <td>11067-11085'</td> <td>Acidized w/1890 gals 7 1/2% MS</td> </tr> <tr> <td>11067-11099</td> <td>Squeezed w/52 sx Cl H cmt</td> </tr> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	10917-11099'	2000 gal 7 1/2% MA acid cont'g 2000 SCF N2O, 41 bbls 4% KCL	11067-11085'	Acidized w/1890 gals 7 1/2% MS	11067-11099	Squeezed w/52 sx Cl H cmt
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED								
10917-11099'	2000 gal 7 1/2% MA acid cont'g 2000 SCF N2O, 41 bbls 4% KCL								
11067-11085'	Acidized w/1890 gals 7 1/2% MS								
11067-11099	Squeezed w/52 sx Cl H cmt								

33. PROD 11067-11085' Acidized w/500 gals 7 1/2% MS	
Date First Production Dry Hole	Production Method (Flowing, gas lift, pumping - Size and type pump) Shut IN
Date of Test	Hours Tested
Choke Size	Prod'n. For Test Period
Oil - Bbl.	Gas - MCF
Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure
Calculated 24-Hour Rate	Oil - Bbl.
Gas - MCF	Water - Bbl.
Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
--	-------------------

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 *[Signature]* TITLE **District Drlg. Supt.** DATE **9/19/77**

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 data 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 quadruplicate 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. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"	T. Penn. "D"	T. Leadville	T. Madison	T. Elbert	T. McCracken	T. Ignacio Ozite	T. Granite	T. Granite
B. Salt	T. Aloka	T. Pictured Cliffs	T. Cliff House	T. Menefee	T. Point Lookout	T. Mancos	T. Gallup	T. Base Greenhorn	T. Dakota	T. Morrison	T. Todillo
T. Yates	T. Miss Upper 11,278'	T. Cliff House	T. Menefee	T. Point Lookout	T. Mancos	T. Gallup	T. Base Greenhorn	T. Dakota	T. Morrison	T. Todillo	T. Delaware Sand
T. 7 Rivers	T. Devonian	T. Menefee	T. Point Lookout	T. Mancos	T. Gallup	T. Base Greenhorn	T. Dakota	T. Morrison	T. Todillo	T. Delaware Sand	T. Granite
T. Queen	T. Silurian	T. Point Lookout	T. Mancos	T. Gallup	T. Base Greenhorn	T. Dakota	T. Morrison	T. Todillo	T. Delaware Sand	T. Granite	T. Granite
T. Grayburg	T. Montoya	T. Mancos	T. Gallup	T. Base Greenhorn	T. Dakota	T. Morrison	T. Todillo	T. Delaware Sand	T. Granite	T. Granite	T. Granite
T. San Andres	T. Simpson	T. Gallup	T. Base Greenhorn	T. Dakota	T. Morrison	T. Todillo	T. Delaware Sand	T. Granite	T. Granite	T. Granite	T. Granite
T. Glorieta	T. McKee	T. Gallup	T. Base Greenhorn	T. Dakota	T. Morrison	T. Todillo	T. Delaware Sand	T. Granite	T. Granite	T. Granite	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Morrison	T. Todillo	T. Delaware Sand	T. Granite	T. Granite	T. Granite	T. Granite	T. Granite	T. Granite
T. Blinberry	T. Gr. Wash	T. Morrison	T. Todillo	T. Delaware Sand	T. Granite	T. Granite	T. Granite	T. Granite	T. Granite	T. Granite	T. Granite
T. Tubb	T. Granite	T. Morrison	T. Todillo	T. Delaware Sand	T. Granite	T. Granite	T. Granite	T. Granite	T. Granite	T. Granite	T. Granite
T. Drinkard	T. Delaware Sand	T. Morrison	T. Todillo	T. Delaware Sand	T. Granite	T. Granite	T. Granite	T. Granite	T. Granite	T. Granite	T. Granite
T. Abo	T. Bone Springs	T. Wingate	T. Chinle	T. Permian	T. Penn. "A"	T. Permian	T. Penn. "A"	T. Permian	T. Penn. "A"	T. Permian	T. Permian
T. Wolfcamp	T. Morrow	T. Chinle	T. Permian	T. Penn. "A"	T. Permian	T. Penn. "A"	T. Permian	T. Penn. "A"	T. Permian	T. Penn. "A"	T. Permian
T. Penn.	T. Penn.	T. Penn.	T. Penn.	T. Penn.	T. Penn.	T. Penn.	T. Penn.	T. Penn.	T. Penn.	T. Penn.	T. Penn.
T. Cisco (Bough C)	T. Cisco (Bough C)	T. Cisco (Bough C)	T. Cisco (Bough C)	T. Cisco (Bough C)	T. Cisco (Bough C)	T. Cisco (Bough C)	T. Cisco (Bough C)	T. Cisco (Bough C)	T. Cisco (Bough C)	T. Cisco (Bough C)	T. Cisco (Bough C)

OIL OR GAS SANDS OR ZONES

No. 1, from 8840' to 8900'	No. 4, from 11060' to 11015'	No. 5, from 11060' to 11015'	No. 6, from 11060' to 11015'
No. 2, from 11015' to 11060'	No. 3, from 11015' to 11060'	No. 4, from 11060' to 11015'	No. 5, from 11060' to 11015'
No. 6, from 11060' to 11015'	No. 7, from 11060' to 11015'	No. 8, from 11060' to 11015'	No. 9, from 11060' to 11015'

IMPORTANT WATER SANDS

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

No. 1, from 11060' to 11015'	No. 2, from 11060' to 11015'	No. 3, from 11060' to 11015'	No. 4, from 11060' to 11015'
No. 5, from 11060' to 11015'	No. 6, from 11060' to 11015'	No. 7, from 11060' to 11015'	No. 8, from 11060' to 11015'
No. 9, from 11060' to 11015'	No. 10, from 11060' to 11015'	No. 11, from 11060' to 11015'	No. 12, from 11060' to 11015'

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
0	725	725	Surface & Red Bed
725	1111	386	Red Bed & Dolo
1111	1895	784	Anhydrite
1895	2085	190	Anhydrite & Lime
2085	4830	2745	Lime
4830	6135	1305	Lime & Shale
6135	6435	300	Lime & Sand
6435	8039	1604	Lime & Shale
8039	8175	136	Lime
8175	8900	725	Lime & Shale
8900	8955	55	Lime, Shale & Chert
8955	9168	213	Lime & Shale
9168	9259	91	Lime, Shale & Chert
9259	9479	220	Lime & Shale
9479	9600	121	Lime, Shale & Chert
9600	9732	132	Lime & Shale
9732	9911	179	Lime, Shale & Chert
9911	10094	183	Lime & Shale
10094	10177	83	Lime, Shale & Chert
10177	10243	66	Lime & Shale
10243	10308	65	Lime, Shale & Chert
10308	10387	79	Lime & Shale
10387	10421	34	Lime, Shale & Chert
10421	10667	246	Lime & Shale
10667	10872	205	Lime, Shale & Chert
10872	10932	60	Lime, Shale & Sand
10932	11352	420	Lime & Shale