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Form C-105
Revised 11-74

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. B-3823-1

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
Empire Abo Pressure Maintenance Project

8. Farm or Lease Name
Empire Abo Unit "I"

2. Name of Operator
Atlantic Richfield Company

9. Well No.
281

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

10. Field and Pool, or Wildcat
Empire Abo

4. Location of Well
UNIT LETTER A LOCATED 450 FEET FROM THE East LINE AND 700 FEET FROM

11. County
Eddy

THE North LINE OF SEC. 5 TWP. 18S RGE. 28E

15. Date Spudded 2/27/77	16. Date T.D. Reached 3/14/77	17. Date Compl. (Ready to Prod.) 4/30/77	18. Elevations (DF, RAB, RT, GR, etc.) 3659.8' GL	19. Elev. Casinghead
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20. Total Depth 6362'	21. Plug Back T.D. -	22. If Multiple Compl., How Many	23. Intervals Drilled By Rotary Tools 0-6362'	Cable Tools
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24. Producing Interval(s), of this completion - Top, Bottom, Name
6208-6224' Abo Reef

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
GR-N, GR-DLL w/MLL, Caliper Log, GR-Corr, CBL

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# K-55	550'	11"	232 sx	
7" OD	14&15.5# K-55	6362'	7-7/8"	1220 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6147'	6113'

31. Perforation Record (Interval, size and number) 6208-6224' 2 JSPF = 32 .41" holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
	6272-6292'	1000 gals 15% HCL-NE acid
	6272-6292'	SQ w/125 sx HLX-C204 & 42 sx Cl C cmt
	6208-6224'	500 gals 15% HCL-NE acid

33. PRODUCTION Date First Production 4/30/77		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing		w/1 1/2 gal Adomall/1000 gal, 1/2 gal J4A/1000 gal & 1 gal Cl5/1000 gal.		Well Status (Prod. or Shut-in) Prod	
Date of Test 4/10/77	Hours Tested 24	Choke Size 36/64"	Prod'n. For Test Period 160	Oil - Bbl. 160	Gas - MCF 260	Water - Bbl. 0	Gas - Oil Ratio 1625:1
Flow Tubing Press. 80#	Casing Pressure Pkr	Calculated 24-Hour Rate 160	Oil - Bbl. 160	Gas - MCF 260	Water - Bbl. 0	Oil Gravity - API (Corr.) 44°	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

Test Witnessed By
N. H. Truitt

35. List of Attachments
Logs as per 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. Supt. DATE 4/21/77

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radio-activity logs run in 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 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. 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. _____
T. Abo _____ 6110'	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 _____ 6208 _____ to _____ 6224 _____	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. 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	285	285	Surface				
285	550	265	Surface & Red Bed				
550	1150	550	Anhydrite & Gyp				
1100	1200	100	Anhydrite				
1200	1800	600	Lime				
1800	1820	20	Anhydrite & Lime				
1820	4700	2880	Lime				
4700	5000	300	Lime & Dolomite				
5000	5100	100	Lime				
5100	5250	150	Lime & Dolomite				
5250	5500	250	Dolomite & Chert				
5500	5650	150	Dolomite & Lime				
5650	5800	150	Dolomite & Chert				
5800	5900	100	Dolomite & Lime				
5900	6362	462	Lime				

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APR 28 1977

O. C. C.
ARTESIA, OFFICE