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Form C-105
Revised 11-4-78

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

6a. Indicate Type of Lease	
State ☒	Fed ☐
6b. State Oil & Gas Lease No.	
647-368,	
647-320, 647-363	

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6 mi. 2 miles

1a. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐ DRY ☐
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐ DEEPEN ☐
PLUG BACK ☐	DIFF. RESVR. ☐ OTHER ☐

SEP - 7 1978

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project
8. Form or Lease Name
Empire Abo Unit "J"

2. Name of Operator
Atlantic Richfield Company

O. C. C.
ARTESIA, OFFICE

9. Well No.
234

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

10. Field and Pool, or Wildcat
Empire Abo

4. Location of Well
UNIT LETTER <u>G</u> LOCATED <u>1900</u> FEET FROM THE <u>North</u> LINE AND <u>2441</u> FEET FROM

11. County
Eddy

THE <u>East</u> LINE OF SEC. <u>6</u> TWP. <u>18S</u> RGE. <u>28E</u>

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
8/4/78	8/17/78	8/29/78	3677.6' GR	

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
6260'	6179'			0-6260'	

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
6124-6144' Abo Reef	No

26. Type Electric and Other Logs run	27. Was Well Cored
GR-DLL w/RXO, GR-Neutron, GR-FDC-CNL, Sonic VDL & CBL	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#	556'	11"	425 sx plus 3 yds Redi-mix	
5-1/2" OD	15.5#	6260'	7-7/8"	710 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	5977'	5977'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
6124-6144' 2 JSPF (40 - .44" holes)	DEPTH INTERVAL
	6124-6144'
	AMOUNT AND KIND MATERIAL USED
	300 gals 15% HCL-LSTNE-FE acid flushed w/18 BLO

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
8/27/78		Flowing				Prod	
Date of Test	Hours Tested	Choke Size	Prodn. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
8/30/78	24 hrs	48/64"		333	191	0	574:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
95#	Pkr		333	191	0	44°	

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

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 <u>[Signature]</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>9/6/78</u>
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Partial
9-8-78
AMC/AMC-PP

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 one copy of all electrical and radioactivity 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 20 through 24 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 Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 5610'	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 6124 to 6144 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	633	633	Surface & Red Bed				
633	5437	4804	Anhydrite				
5437	5525	88	Lime				
5525	5898	373	Lime & Shale				
5898	6260	362	Lime				
	TD						