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

Form C-105
Revised 11-1-76

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SEP - 5 1978

O.C.C.
ARTERIA, OFFICE

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	B-3823-1
7. Unit Agreement Name	Empire Abo Pressure Maintenance Project
8. Farm or Lease Name	Empire Abo Unit "I"
9. Well No.	273

1a. TYPE OF WELL	OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION	NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVN. ☐ OTHER ☐
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 3 LOCATED 1300 FEET FROM THE North LINE AND 1595 FEET FROM

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

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
5/24/78	6/6/78	8/24/78	3651.3' GR	
20. Total Depth	21. Plug back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Intervals Drilled By
6357'	6304'		Rotary Tools	Cable Tools
24. Producing interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made
6200-6210' Abo Reef				Yes
26. Type Electric and Other Logs Run				27. Was Well Cored
CNL-FDF, GR-N, Sonic-VDL, DLL, RXO logs				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"	310 sx	
5-1/2" OD	15.5# K-55	6351'	7-7/8"	1307 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6164'	6160'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
6200-6210' (20 - .51" holes)	DEPTH INTERVAL
	6249-6259'
	AMOUNT AND KIND MATERIAL USED
	150 gals acetic acid, 300 gals 15% NE acid, 500 gals 10# CaCl wtr, 500 gals LC, 1500 gals 60/40 DAD, 18 BLC. (cont'd on attached sheet)

33. PRODUCTION		Well Status (Prod. or Shut-in)	
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Prod	
6/19/78	Flowing		
Date of Test	Hours Tested	Coke Size	Prod'n. Per Test Period
8/26/78	24	48/64"	
Flow Tubing Press.	Casing Pressure	Oil - Bbl.	Gas - MCF
90#	Pkr	152	168
		Water - Bbl.	Gas - Oil Ratio
		5	1105:1
Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.
	152	168	5
			Oil Gravity - API (Corr.)
			44°

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

35. List of Attachments
Logs as listed in Item 26 above, Directional Survey & 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 8/31/78

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 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. Todillo _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____ 6020'	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 _____ 6200' _____ to _____ 6210' _____	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	550	550	Surface & Red Bed				
550	3370	2820	Anhydrite				
3370	4040	670	Anhydrite & Lime				
4040	5935	1895	Lime & Shale				
5935	5984	49	Lime				
5984	6064	80	Lime & Shale				
6064	6125	61	Lime				
6125	6215	90	Lime & Shale				
6215	6351	136	Lime				
	TD						