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RECEIVED
NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG
FEB 13 1979

Form C-105
Revised 11-1-78

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
B-11593-8

Being Drilled

O.C.C.
ARTESIA, OFFICE

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

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project
8. Farm or Lease Name
Empire Abo Unit "F"

2. Name of Operator
Atlantic Richfield Company
3. Address of Operator
Box 1710, Hobbs, New Mexico 88240
4. Location of Well

9. Well No.
374
10. Field and Pool, or Wildcat
Empire Abo

UNIT LETTER E LOCATED 2525 FEET FROM THE North LINE AND 520 FEET FROM THE West LINE OF SEC. 35 TWP. 17S RGE. 28E

11. County
Eddy

15. Date Spudded 1/10/79
16. Date T.D. Reached 1/21/79
17. Date Compl. (Ready to Prod.) 2/3/79
18. Elevations (DF, RKB, RT, GR, etc.) 3674.8' GR
19. Elev. Casinghead
20. Total Depth 6362'
21. Plug Back T.D. 6310'
22. If Multiple Compl., How Many
23. Intervals Drilled By Rotary Tools Cable Tools
0-6362'

24. Producing Interval(s), of this completion - Top, Bottom, Name
6217-6237' Abo Reef
25. Was Directional Survey Made No
26. Type Electric and Other Logs Run
GR DLL w/RXO, GR-CNL-FDC, GR-Caliper & CBL
27. Was Well Cored No

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	750'	11"	330 sx	
5-1/2" OD	15.5# K-55	6355'	7-7/8"	1280 sx	

LINER RECORD					TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6099'	6099'

28. Perforation Interval (Interval, size and number)
6217-6237' = 20 .44" holes
29. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPT. INTERVAL AMOUNT AND KIND MATERIAL USED
6217-6237' 150 gal LST-NE acid, 1000 gal 10# gelled CaCl wtr, 1000 gal gelled LC, 1500 gal 15% LSTNE, flushed w/18 BLC

30. PRODUCTION
Date First Production 2/1/79
Production Method (Flowing, gas lift, pumping - Size and type pump) Flwg
Well Status (Prod. or Shut-in) Prod
Date of Test 2/3/79
Hours Tested 24
Casing Pressure 48/64"
Flow Turning Press. 90#
Pkr
Oil - BBL 439
Gas - MCF 288
Water - BBL 0
Gas - Oil Ratio 656:1
Oil Gravity - API (Corr.) 44°

31. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold
32. List of Attachments
Logs as listed in Item 26 above & Inclination Report
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 Dist. Drlg. Supt. DATE 2/8/79
Test Witnessed By N. H. Truitt
Post ID 2-16-79 AMO/AMO/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 a copy of all electrical and radio-activity logs run and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of direct drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. This 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

T. Anhy _____
 T. Salt _____
 B. Salt _____
 T. Yates _____
 T. 7 Rivers _____
 T. Queen _____
 T. Grayburg _____
 T. San Andres _____
 T. Glorieta _____
 T. Paddock _____
 T. Blinberry _____
 T. Tubb _____
 T. Drinkard _____
 T. Abo _____ 6084'
 T. Wolfcamp _____
 T. Penn. _____
 T. Cisco (Bough C) _____

T. Canyon _____
 T. Strawn _____
 T. Atoka _____
 T. Miss _____
 T. Devonian _____
 T. Silurian _____
 T. Montoya _____
 T. Simpson _____
 T. McKee _____
 T. Ellenburger _____
 T. Gr. Wash _____
 T. Granite _____
 T. Delaware Sand _____
 T. Bone Springs _____
 T. _____
 T. _____
 T. _____

Northwestern New Mexico

T. Ojo Alamo _____
 T. Kirtland-Fruitland _____
 T. Pictured Cliffs _____
 T. Cliff House _____
 T. Menefee _____
 T. Point Lookout _____
 T. Mancos _____
 T. Gallup _____
 Base Greenhorn _____
 T. Dakota _____
 T. Morrison _____
 T. Todilto _____
 T. Entrada _____
 T. Wingate _____
 T. Chinle _____
 T. Permian _____
 T. Penn. "A" _____

T. Penn. "B" _____
 T. Penn. "C" _____
 T. Penn. "D" _____
 T. Leadville _____
 T. Madison _____
 T. Elbert _____
 T. McCracken _____
 T. Ignacio Qtzite _____
 T. Granite _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____
 T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 6217' to 6237' 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	750	750	Surface, Red Bed & SD				
750	1590	840	Anhydrite				
1590	2135	545	Anhydrite & Shale				
2135	3150	1015	Lime & Shale				
3150	4175	1025	Lime				
4175	5010	835	Lime & Shale				
5010	6362	1352	Lime				