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

Form C-105
Revised 9-7-76

Bur of Mines 1

RECEIVED

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

5a. Indicate Type of Lease
 State Fee
 5. State Oil & Gas Lease No.
 B-2071-24

2. Name of Operator
 Atlantic Richfield Company ✓
 3. Address of Operator
 P. O. Box 1710, Hobbs, New Mexico 88240

NOV 27 1978
 O. C. C.
 ARTESIA, OFFICE

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

4. Location of Well
 UNIT LETTER L LOCATED 2100 FEET FROM THE South LINE AND 1100 FEET FROM THE West LINE OF SEC. 34 TWP. 17S RGE. 28E
 10. Field and Pool, or Wildcat
 Empire Abo
 11. County
 Eddy

15. Date Spudded 9/8/78 16. Date T.D. Reached 9/22/78 17. Date Compl. (Ready to Prod.) 11/18/78 18. Elevations (DF, RKB, RT, GR, etc.) 3660.2' GR 19. Elev. Casinghead
 20. Total Depth 6350' 21. Plug back T.D. 6258' 22. If Multiple Compl., How Many
 23. Intervals Drilled By
 Rotary Tools 0-6350' Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
6234-6244' Abo Reef
 25. Was Directional Survey Made
 No

26. Type Electric and Other Logs Run
DLL-MLL, GR-N, BHC Acoustilog, CNL-CDL w/Cal, 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	749'	11"	350 sx	
5-1/2" OD	15.5# K-55	6350'	7-7/8"	1375 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6080'	6080'

30. TUBING RECORD

31. Perforation Record (Interval, size and number)
6234-6244' = 20 .50" holes

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>6271-6284'</u>	<u>Acidized w/150 gal 15% HCL-LSTNE FE acid. Pmpd 1200# ground limestone (cont'd on attached Page #2)</u>

33. PRODUCTION

Date First Production 10/22/78 Production Method (*Flowing, gas lift, pumping - Size and type pump*) Flwg Well Status (*Prod. or Shut-in*) Prod

Date of Test	Hours Tested	Choke Size	Prodn. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
<u>11/18/78</u>	<u>24</u>	<u>36/64"</u>	<u>167</u>	<u>167</u>	<u>173</u>	<u>0</u>	<u>1036:1</u>

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
<u>70#</u>	<u>Pkr</u>	<u>167</u>	<u>167</u>	<u>173</u>	<u>0</u>	<u>44°</u>

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

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 Dist. Drlg. Supt. DATE 11/22/78

Posted back 12-1-78 AMO/AMO-PP

This form is to be filled 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-log 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, logs to be reported through at shall be reported for each zone. The form is to be filled 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. Anby	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Ritzland-Fruitland	T. Penn. "C"
T. Salt	T. Atoka	T. Rickard 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. Montevia	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qizic
T. Glorieta	T. McKee	T. Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. T.
T. Blinberry	T. Gr. Wash	T. Morrison	T. T.
T. Tubb	T. Granite	T. Todito	T. T.
T. Drinkard	T. Delaware Sand	T. Entrada	T. T.
T. Abo	T. Bone Springs	T. Wingate	T. T.
T. Wolfcamp	T. T.	T. Chinle	T. T.
T. Penn.	T. T.	T. Permian	T. T.
T. Cisco (Bough C)	T. T.	T. Penn. "A"	T. T.

OIL OR GAS SANDS OR ZONES

No. 1, from 6234' to 6244'	No. 4, from	No. 2, from	No. 3, from

IMPORTANT WATER SANDS

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

No. 1, from	No. 2, from	No. 3, from	No. 4, from
feet	feet	feet	feet
None encountered			

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	745	745	Surface & Red Bed				
745	880	135	Anhydrite & Lime				
880	6266	5386	Lime				
6266	6350	84	Anhydrite & Lime				