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

Form C-105
Revised 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
647

1a. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

7. Unit Agreement Name

8. Farm or Lease Name

Empire Abo Unit "J"

9. Well No.

232

10. Field and Pool, or Wildcat

Empire Abo

b. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

Atlantic Richfield Company

3. Address of Operator

P. O. Box 1710, Hobbs, NM 88240

4. Location of Well

O.C.C.
ARTESIA, OFFICE

UNIT LETTER G LOCATED 1576 FEET FROM THE East LINE AND 2253 FEET FROM

THE North LINE OF SEC. 6 TWP. 18S RGE. 28E NMPM

12. County

Eddy

15. Date Spudded 3/5/76 16. Date T.D. Reached 3/26/76 17. Date Compl. (Ready to Prod.) 4/18/76 18. Elevations (DF, RKB, RT, GR, etc.) 3665.9' GR 19. Elev. Casinghead

20. Total Depth 6345' 21. Plug Back T.D. 6292' 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools Cable Tools 0-6345'

24. Producing Interval(s), of this completion - Top, Bottom, Name

25. Was Directional Survey Made NO

6184-6197' Abo Reef

26. Type Electric and Other Logs Run

27. Was Well Cored

Dual Laterolog w/caliper, GR Neutron, GR Collar log & 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#	560'	11"	200 sx plus 8 yds Redi MIX	
5 1/2" OD	14 & 15.5#	6345'	7 7/8"	2000 sx	

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8" OD	6139'	6105'

31. Perforation Record (Interval, size and number)

6184-6197' = 2 - .38" JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT & KIND MATERIAL USED

6184-6197' 6000 gals 15% HCL-LSTNE acid contg 150# iron sequestrant agent.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

6319-6324' 500 gals BDA
6319-6324' Squeeze cmtd w/70 sx C/C
6268-6283' 500 gals BDA, 4000 gals 15% HCL-LSTNE acid w/iron sequestrant & 2000 gals 50/50 15% HCL-Xylene

33. PRODUCTION

Date First Production 4/13/76 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing Well Status (Prod. or Shut-in) Prod

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4/18/76	24 hrs.	48/64"		1001	407	11	407:1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
150#	Pkr.		1001	407	11	44°	

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

Sold

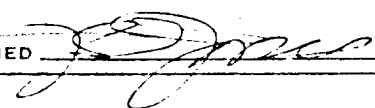
Test Witnessed By

N. H. Truitt

35. List of Attachments

Logs as listed in Item 26 above & Deviation Survey

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 District Drlg. Supervisor

DATE 4/19/76

INSTRUCTIONS

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 Qtzte _____
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 _____ 6044'	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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	140	140	Surface				
140	380	240	Red Bed & Anhydrite				
380	810	430	Red Bed & Lime				
810	1048	238	Lime & Anhydrite				
1048	2106	1058	Anhydrite				
2106	2235	129	Anhydrite & Lime				
2235	2505	270	Anhydrite				
2505	2651	146	Lime				
2651	3330	679	Anhydrite & Lime				
3330	3500	170	Lime				
3500	3656	156	Anhydrite & Lime				
3656	5515	1859	Lime				
5515	5582	67	Lime & Shale				
5582	6345	763	Lime				
	TD						