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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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JAN 5 1979

5a. Indicate Type of Lease	State ☒ Fee ☐
5. State Oil & Gas Lease No.	B-11594-3

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

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

2. Name of Operator	Atlantic Richfield Company ✓
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9. Well No.	212
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3. Address of Operator	Box 1710, Hobbs, New Mexico 88240
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10. Field and Pool, or Wildcat	Empire Abo
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4. Location of Well	UNIT LETTER <u>E</u> LOCATED <u>2450</u> FEET FROM THE <u>North</u> LINE AND <u>400</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>6</u> TWP. <u>18S</u> RGE. <u>28E</u>
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11. County	Eddy
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15. Date Spudded	12/4/78
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18. Elevations (DF, RKB, RT, GR, etc.)	3650.1' GR
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16. Date T.D. Reached	12/15/78
17. Date Compl. (Ready to Prod.)	12/28/78

19. Elev. Casinghead	
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20. Total Depth	6267'
21. Plug Back T.D.	6203'

23. Intervals Drilled By	Rotary Tools
	0-6267'

24. Producing Interval(s), of this completion - Top, Bottom, Name	6104-6125' thru sliding sleeves
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25. Was Directional Survey Made	NO
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26. Type Electric and Other Logs Run	GR-DLL, GR-N, GR-FDC-CNL, Sonic-VDL tape & CBL
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27. Was Well Cored	No
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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	553'	11"	600 sx plus 5 yds RM	
5-1/2" OD	15.5# K-55	6250'	7-7/8"	1585 sx	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8" OD	6011'	6007'

31. Perforation Record (Interval, size and number)	6104-6125' sliding sleeves
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	6104-6125'
AMOUNT AND KIND MATERIAL USED	1650 gal 15% HCL-LSTNE-FE acid, 1000 gal gelled CaCl wtr, 1000 gal gelled LC, flushed w/25 BLC.

33. PRODUCTION	Date First Production	12/28/78	Production Method (Flowing, gas lift, pumping - Size and type pump)	flwg	Well Status (Prod. or Shut-in)	Prod									
Date of Test	12/30/78	Hours Tested	24	Choke Size	48/64"	Pressure, Per Test Period	314	Oil - Bbl.	314	Gas - MCF	155	Water - Bbl.	0	Gas - Oil Ratio	494:1
Flow Tubing Press.	70#	Casing Pressure	Pkr	Calculated 24-Hour Rate	314	Oil - Bbl.	314	Gas - MCF	155	Water - Bbl.	0	Oil Gravity - API (Corr.)	44°		

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Sold	Test Witnessed By	N. H. Truitt
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35. List of Attachments	Logs as listed in Item 26 above, Inclination Report
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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 Dist. Drlg. Supt	DATE 1/4/79
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From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	553	553	Surface, sand & caliche				
553	700	147	Red Bed & Anhydrite				
700	950	250	Anhy & Lime				
950	2700	1750	Lime				
2700	3000	300	Lime & Sand				
3000	4850	1850	Lime				
4850	5025	175	Lime & Dolo				
5025	6267	1242	Lime				
5025			TD				