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

Form C-105
Revised 11-1-8

RECEIVED

1. TYPE OF WELL Oil Well

2. TYPE OF COMPLETION
 NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER O.C.C.

3. Name of Operator Atlantic Richfield Company

4. Location of Well ARTESIA, OFFICE

5a. Indicate Type of Lease
 State ☒ Fee ☐

5. State Oil & Gas Lease No.
E-7116

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project

8. Farm or Lease Name
Empire Abo Unit "E"

9. Well No.
351

10. Field and Pool, or Wildcat
Empire Abo

11. County
Eddy

UNIT LETTER B LOCATED 610 FEET FROM THE North LINE AND 2601 FEET FROM THE East LINE OF SEC. 34 TWP. 17S RGE. 28E NMPM

15. Date Spudded 5/4/78 16. Date T.D. Reached 5/16/78 17. Date Compl. (Ready to Prod.) 5/25/78 18. Elevations (DF, RKB, RT, GR, etc.) 3673.9' GR 19. Elev. Casinghead

20. Total Depth 6239' 21. Plug Back T.D. 6199' 22. If Multiple Compl., How Many

23. Intervals Drilled By: Rotary Tools 0-6239' Cable Tools

24. Producing Interval(s), of this completion - Top, bottom, Name
6170-6180' Abo Reef

25. Was Directional Survey Made No

26. Type Electric and Other Logs Run
Temp Survey, DLL-RX0-Caliper, GR-N, Sonic-VDL, CNL-FDL-Caliper w/Caliper

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	725'	11"	282 sx	
5-1/2" OD	15.5# K-55	6239'	7-7/8"	1350 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-3/8" OD		6053'

31. Perforation Record (Interval, size and number)
6170-6180' w/2 JSPF - 20 - .48" holes

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6170-6180'	300 gal 15% HCL-NE acid, 500 gal 10% CaCl wtr, 500 gal LC, 2000 gal 60/40 15% HCL/xylene, flushed w/18 BLO.

33. PRODUCTION

Date First Production 5/25/78 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
5/27/78	24	48/64"		490	348	0	710:1

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
120#	Pkr		490	348	0	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 & 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 5/31/78

