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NEW MEXICO OIL CONSERVATION COMMISSION

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MAR 28 1978

O. C. C.
ARTESIA, OFFICE

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

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

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR NOTICES TO WELL OR TO REPORT ON WELLS TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT TO DRILL OR TO REPORT ON WELLS FOR SUCH PURPOSES.)

1. Name of Operator
Atlantic Richfield Company ✓

2. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240

3. Location of Well
UNIT LETTER P 1050 FEET FROM THE South LINE AND 250 FEET FROM THE East LINE, SECTION 33 TOWNSHIP 17S RANGE 28E NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)
3662.4' GR

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project

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

9. Well No.
321

10. Field and Pool, or Wildcat
Empire Abo

12. County
Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒ Prod Csg	OTHER ☒ Log, Perforate & Treat

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Fin 7-7/8" hole to 6378' @ 3:30 PM 3/10/78. Ran DLL-RXO, CNL-FDC w/Cal, BHC-VDL, GR logs. Ran 5-1/2" OD 15.5# K-55 8rd csg, set @ 6378'. FS @ 6378', FC @ 6317', DV tool @ 3002'. Cmtd 5-1/2" OD csg 1st stage w/100 BFW cont'g 2% KCL, 1 gal/1000 Mor-Flo II, 10 bbls SAM-5 spacer, 25 BFW, 480 sx Howco C1 C cont'g 2% CaCl. Had full returns to DV tool. Cmtd 2nd stage thru DV tool @ 3002' w/50 BFW, 25 sx Thin cmt, 600 sx Howco Lite w/8# salt/sk, 100 sx C1 C cont'g 8# salt/sk. Bumped plug & closed DV tool @ 8:00 AM 3/12/78. Circ 33 sx cmt to pit. Cmt circ to surf. WOC 72 hrs. Drld DV tool @ 3000'. Press tstd csg to 1500# 30 mins OK. Tagged cmt @ 6263' & drld to 6295' PBD. Ran CBL & TDT. Perf'd Abo 6140-60' w/2 JSPF. RIH w/Lok-set pkr, set pkr @ 6032'. Acidized Abo perms w/300 gals 15% HCL-NE acid, 500 gals LC, 2000 gals 60/40 acid/xylene. Flushed w/18 BLC. Well flwd 5 hrs, rec 89 BO & 2 BLW. FTP 140#. On 24 hr potential test 3/18/78 flwd 380. BO, 0 BW & 216 MCFG, 110# FTP, 43/64" ck, GOR 568:1.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED <u>W. A. Gussert</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>3/21/78</u>
APPROVED BY <u>W. A. Gussert</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>MAR 29 1978</u>

CONDITIONS OF APPROVAL, IF ANY: