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NEW MEXICO OIL CONSERVATION COMMISSION

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

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SEP - 7 1978

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
647-368, 647-320, 647-363	
7. Unit Agreement Name	
Empire Abo Pressure Maintenance Project	
8. Farm or Lease Name	
Empire Abo Unit "J"	
9. Well No.	
234	
10. Field and Pool, or Wildcat	
Empire Abo	
12. County	
Eddy	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT - I" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. Name of Operator
Atlantic Richfield Company

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

4. Location of Well
UNIT LETTER G, 1900 FEET FROM THE North LINE AND 2441 FEET FROM THE East LINE, SECTION 6 TOWNSHIP 18S RANGE 28E N.M.P.M.

15. Elevation (Show whether DF, RT, GR, etc.)
3677.6' GR

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> Prod	OTHER Log, DST, Perf, Treat & Complete <input checked="" type="checkbox"/>

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 drlg 7-7/8" hole to 6260' @ 11:15 AM 8/17/78. Ran GR-DLL w/RXO, GR-Neutron, GR-FDC-CNL, Semi VDL. DST #1 Abo 5974-5999'. TO for 5 mins, closed chamber. Max 417#. SI 83 mins. Op to pit, GTS immed. Flwd 41 mins, gas rate 4.5 MMCFGPD, 3/4" ck, 650# FP. SI 33 mins. Moved tool for DST #2 6039-6064'. TO @ 1:17 PM 8/20/78 for 15 mins. SI @ 1:32 PM 8/20/78. Op 64 mins. IP 0, FP 51. Closed tool @ 3:45 PM 8/20/78. Rec 62 bbls gas & oil cut mud. POH w/test tools. WIH w/test tools. DST #3 Abo 6039-6064'. TO for closed chamber 2 mins, indications of 5 BF entry w/no free gas, closed tool @ 11:52 AM. SI 23 mins, no GTS. DST #4 6110-6135'. TO for 5 mins closed chamber test @ 1:20 PM. Low flow gas, press to 11#, flow rate stab @ 93 MCFD. Closed for 33 min TO @ 2:00 PM, flwd 18 mins closed chamber, stab @ 100 MCFD. Op to surf on 16/64" ck, 54# FTP @ 91 MCFD. Max 73#, max flow rate 115 MCFD. Op for 48 mins. SI 2 hrs. RO 1/2 BO, 5 bbls gas cut mud & oil. POH w/test tools. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6260'. FS @ 6260', FC @ 6230', DV tool @ 4008'. 1st stage cmt 5-1/2" csg w/210 sx BJ Lite cmt cont'g 6% gel, 10# 20/40 sd/sk & 5# 100 mesh sd/sk followed by 200 sx Sure-fill cont'g 2% CaCl. Circ 65 sx to pit. Cmt 2nd stage thru DV tool @ 4008' w/250 sx BJ Lite cmt cont'g 6% gel & 8# salt/sk followed by 200 sx C1 C cmt cont'g 8# salt/sk. PD @ 3:00 PM 8/22/78. Circ 75 sx cmt to pit. WOC 72 hrs. DO DV tool & tagged cmt w/bit @ 6195'. Press tstd csg to 1500# 30 mins OK. Ran CBL. Found PBD @ 6179 Perf'd Abo 6124-6144' w/2 JSPF (40 - .44" holes). RIH w/pkr on 2-3/8" tbg, set pkr @ 5977'. Acidized perms 6124-6144' w/300 gals 15% HCL-LSTNE-FE, 1500 gal gelled LC, 1500 gal 10# 15% HCL-LSTNE-FE, flushed w/18 BO. Kicked off flwg. On 24 hr potential test flwd 333 BO, 0 BW & 191 MCFG, 48/64" ck, 95# FTP GOR 574.1.

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

SIGNED W.A. Gussert TITLE Dist. Drlg. Supt. DATE 9/6/78

APPROVED BY A. Roy Lane TITLE SUPERVISOR, DISTRICT II DATE SEP - 8 1978

CONDITIONS OF APPROVAL, IF ANY: