

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

APR 21 1976

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. B 3823-1
7. Unit Agreement Name
8. Farm or Lease Name Empire Abo Unit "I"
9. Well No. 1 271
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

SUNDARY 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 TO DRILL (FORM C-101) FOR SUCH PROPOSALS.)

ARTESIA, OFFICE

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator Atlantic Richfield Company
3. Address of Operator P. O. Box 1710, Hobbs, NM 88240
4. Location of Well UNIT LETTER B 1700 FEET FROM THE East LINE AND 670 FEET FROM THE North LINE, SECTION 5 TOWNSHIP 18S RANGE 28E NMMP.
11. Elevation (Show whether DF, RT, GK, etc.) 3654.0' GR

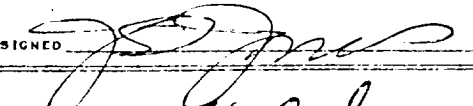
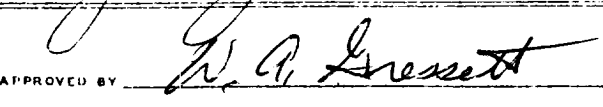
Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

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 ☒	Production Csg. ☒
		OTHER DST, Log, Perf, Acidize & complete ☒	

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.

Finished drlg 7 7/8" hole to 6350' @ 12:01 AM 4/2/76. Ran GR Neutron, Dual Laterolog & caliper logs. DST #1. Set top pkr @ 5872' & btm pkr @ 5897'. Tested Abo 5872-5897', closed chamber. Test procedure showed GOR @ 10,060:1. Initial rate 6.851 MMCFPD. Final rate 2.63 MMCFPD. 47 mins stable flow. Well prod 44.6 MCF dry gas ARO 1366 MCFGPD, 5/8" btm ck, 43/64" top ck. Ck press 525 psi. Sep. 200 psi. IHMP 2934#, IPF 1119#, FPF 1220#, ISIP 1279#, IF 1095#, FF 1186#, FSIP 1275#, FHMP 2948#. Relocated pkr for DST #2. 5950-5975' closed chamber. Avg. flow rate 2057 BOPD, GOR 311:1. 30 mins stable flow, well prod 4.9 MCFG, 5.65 BO. GOR 867:1. 24 hr gas rate 235 MCFGPD & 271 BOPD, 5/8" btm ck, 1" top ck. Sep. press. 40 psi. Relsd pkr, RU 25 BO. IHMP 2960#, IPF 658#, FPF 721#, ISIP 1298#, IF 849#, FF 1167#, FSIP 1295#, FHMP 2949#. RIH w/ 5 1/2" OD 15.5# k-55 LT&C (1500') on btm & 5 1/2" OD 14# K-55 ST&C (4840') on top, set csg @ 6350', w/ DV tool @ 4012'. Cmtd 5 1/2" OD csg, 1st stage w/400 sx CL C 50/50 Poz III cmt contg 2% gel, .6% friction reducer & 8#/sk salt. Reciprocated csg while cmtg. Good returns. Open stage tool & circ 6 hrs. circ out 50 sx cmt. Cmtd 2nd stage w/730 sx DLW Cmt contg 8# salt/sk followed by 100 sx CL C Cmt contg 8# salt/sk. Circ. 100 sx cmt to pit. Circ to surf. WOC 96 hrs. RIH w/ bit, drld DV tool @ 4012'. Press tested csg to 1500# for 30 mins. Tstd OK. RIH w/77 jts tbg & tagged PBD @ 6287'. POH w/bit. Ran GR Correlation log & CBL. Perfd Abo opposite 5 1/2" OD csg w/2 JSPF-20 holes 6174-6184'. RIH w/1 jt 2 3/8" OD EUE tbg (tail pipe), 1 - Lok set pkr, on-off tool w/1.81 profile, 1 jt 2 3/8" OD EUE tbg 1.81 ID SN on 2 3/8" OD EUE tbg to 6105'. Pkr set @ 6075'. Acidized Abo perfs 6174-6184' w/2000 gals 15% HCL-LSTNE acid w/iron sequestrant followed by 2000 gals 50/50 15% HCL/Xylene. Flushed w/12 bbls LO. MP 2500#, MinP 900#, (cont'd on back)

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

SIGNED 	TITLE District Drlg. Supervisor	DATE 4/14/76
APPROVED BY 	TITLE SUPERVISOR, DISTRICT II	DATE APR 30 1976
CONDITIONS OF APPROVAL, IF ANY:		

7. (cont'd)

SIP 1100#, FSIP vac in 3 mins. SION. Rec 12 BLO & 96 BAW. On 22 hr. flow test, variable ck, produced 252 BO & 10 BLW. FTP 50#. On 24 hr. potential test 4/14/76 well flwd 307 BO, 0 BW : 244 MCFG, 48/64" ck, FTP 80#, GOR 795:1. FINAL REPORT.