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NEW MEXICO OIL CONSERVATION COMMISSION

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

JUL 22 1977

O. C. C.

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO REPER OR PUMP BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT - (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

Name of Operator
Atlantic Richfield Company

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

Location of Well
UNIT LETTER O 2490 FEET FROM THE East LINE AND 313 FEET FROM
THE South LINE, SECTION 33 TOWNSHIP 17S RANGE 28E NMPM.

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
647-349 647-351

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project

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

9. Well No.
311

10. Field and Pool, or Wildcat
Empire Abo

12. County
Eddy

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

3661.4' 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 ☐		CASING TEST AND CEMENT JOBS ☒ Production	
OTHER ☐		OTHER <u>Log, Perforate, Squeeze Cmt, Acidize</u> ☒	
		& Complete	

7. 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" OH @ 12:45 PM 5/10/77 to 6362' TD. Ran GR-DLL w/RXO & Caliper, GR-Cal Neutron, CNL-FDC & Sonic w/VDL. Ran 332' 5 1/2" OD 15.5# K-55 csg followed by 5972' 5 1/2" OD 14# K-55 csg, set @ 6362'. DV tool @ 5003', FC @ 6324', Lynes ECP pkr @ 5045'. Cmdt 5 1/2" csg w/300 sx Cl C 50/50 Pozmix cont'g 2% gel, 8# salt/sk, .6 of 1% CFR-2 & 5#/sk gilsonite. Circ 66 sx cmt thru DV tool @ 5003'. PD @ 9:45 AM 5/12/77. Ran CBL, TOC indicated @ 4550'. Perf'd 4 JSPF @ 4399-4400'. RIH w/cmt retr, set @ 4340'. Cmdt thru perfs @ 4400' w/1000 sx Hal Lite cont'g 8# salt/sk, followed by 100 sx Cl C cont'g 8# salt/sk. Circ 135 sx to pit. DO cmt retr @ 4350' & cmt 4400-4430'. Press tstd perfs @ 4400' w/1500#, press dropped to 600# in 12 mins. RIH w/cmt retr, set @ 4352'. Squeezed perfs @ 4400' w/150 sx Cl C cmt cont'g 8# salt/sk. WOC. DO cmt, retr & cmt 4348-4400'. Press tstd squeeze job to 1400# 30 mins OK. Perf'd Abo 6220-6234' w/2 JSPF. RIH w/pkr on 2-3/8" tbg, set pkr @ 6117'. In 4 hrs swbd 0 BO, 30 BFW, no gas. RIH w/cmt retr, set @ 6169'. Squeezed perfs 6220-34' w/150 sx Cl C cont'g 8/10 of 1% HLX-204 & 2% CaCl followed by 100 sx Neat, 2%CaCl. MP4000#, RO 45 sx. WOC. Press tstd SQ job w/1000# 30 mins OK. Perf'd Abo 6134-6144' w/2 JSPF. Trtd Abo perfs 6134-44' w/300 gals 15% HCL-FE acid cont'g RA mat'l, 500 gals LC, 500 gals 10# wtr, 2000 gals 60/40 15% HCL/xylene trtmt, flushed w/12 BLC. Swbd Abo 9 hrs, rec 132 BW, 0 BO, show gas. RIH w/CIBP, set BP @ 6086'. Perf'd Abo 6044-6054' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" OD EUE tbg, set pkr @ 5892', TP @ 5927'. Acidized Abo perfs 6044-54' w/300 gals 15% HCL-LSTNE w/iron seq followed by 500 gals LC, 500 gals 10# CaCl wtr, 2000 gals 15% HCL-LSTNE/xylene 60/40 ratio. On 24 hr potential test 7/13/77 flwd Abo perfs 6044-6054', 323 BO, 0 BW & 263 MCFG, FTP 80#, 48/64" ck, GOR 814:1. Final Report.

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

CHEN [Signature] TITLE Dist. Drlg. Supt. DATE 7/18/77

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT 17 DATE JUL 25 1977

CONDITIONS OF APPROVAL, IF ANY: