

N. OF COPIES RECEIVED	3
DISTRIBUTION	
SANTA FE	/
FILE	/ ✓
U.S.G.S.	
LAND OFFICE	
OPERATOR	/

NEW MEXICO OIL CONSERVATION COMMISSION

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

RECEIVED

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. B-3823-1
7. Unit Agreement Name Empire Abo Pressure Maintenance Project
8. Farm or Lease Name Empire Abo Unit "I"
9. Well No. 283
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

SUNDRY NOTICES AND REPORTS ON WELLS NOV - 8 1978
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> O. C. C. ARTESIA, OFFICE
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 <u>A</u> <u>175</u> FEET FROM THE <u>North</u> LINE AND <u>300</u> FEET FROM THE <u>East</u> LINE, SECTION <u>5</u> TOWNSHIP <u>18S</u> RANGE <u>28E</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3661' GR

1b. 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> Prod Csg
OTHER <input type="checkbox"/>	OTHER <u>Log, Cmt Squeeze Csg, Perf, Acidize & Complete</u> <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 6266' TD @ 1:45 PM 9/22/78. Ran DLL-RXO, GR-N, CNL-FDC w/caliper. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6266'. FS set @ 6266', FC @ 6221', SC @ 3989'. Cmtd 5-1/2" csg in 2 stages. Cmtd Stage #1 w/10 BW, 12 bbl mud sweep, 10 BW, 225 sx BJ Lite cmt w/10# 20/40 sd/sk & 5# 100 mesh sd/sk followed by 200 sx Cl H Sure-fill cmt cont'g 2% CaCl. Op SC, circ 50 sx cmt to pit. Cmtd 2nd stage w/20 BW, 1025 sx BJ-Lite cmt cont'g 8# salt/sk followed by 100 sx Cl C cmt cont'g 8# salt. BP & closed SC w/2100# @ 11:15 AM 9/24/78. Did not circ cmt. RIH w/bit tagged DV tool @ 3989'. Drld DV tool & tagged PBD @ 6229'. Ran CBL. Indicated TOC @ 1200'. Perf'd 1' section w/4 shots @ 1095'. Circ 5-1/2" x 11" x 8-5/8" annulus, OK. RIH w/5-1/2" cmt retr, set @ 997'. Cmtd thru retr & squeezed holes @ 1095' w/335 sx Cl C cmt cont'g 2% CaCl fol by 100 sx Cl C cont'g 3% CaCl. Circ 100 sx thru bradenhead to pit. RIH w/bit, drld cmt 972-997'. Drld cmt retr @ 997', drld cmt to 1101'. Press tstd squeeze holes @ 1095' w/pump in rate 2 BPM, 1200#. RIH w/cmt retr, set @ 1058'. Squeezed perfs @ 1095' w/150 sx Cl C cmt w/2% CaCl & 3# salt/sk, sq press 1200#. POH w/tbg & setting tool, WOC. Drld out cmt, retr & cmt to 1100'. Press tstd csg to 1500# 30 mins OK. Ckd PBD @ 6228'. Perf'd Abo 6174-6184' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" tbg, set pkr @ 6084'. Acidized perfs 6174-84' w/150 gals 15% HCL-NE-FE acid, 500 gal 10# CaCl wtr, 1000 gal gel LC, 1500 gals 15% HCL-NE-FE acid. Flushed w/26 BLC. In 16 hrs flwd 44 BO, 0 BW & 38 MCFG on 21/64" ck, 65# FTP, GOR 864:1. On 24 hr potential test 10/31/78 flwd Abo perfs 6174-84', 47 BO, 0 BW & 60 MCFG on 22/64" ck, 60# FTP, GOR 1279:1. Final Report.

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

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 11/7/78

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE NOV 13 1978

CONDITIONS OF APPROVAL, IF ANY: