

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

JUL 25 1978

O. C. C.

ALBUQUERQUE OFFICE

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" (FORM C-101) FOR SUCH PROPOSALS.)

|                                           |                              |
|-------------------------------------------|------------------------------|
| 5a. Indicate Type of Lease                |                              |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 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 "G"                       |                              |
| 9. Well No.                               |                              |
| 322                                       |                              |
| 10. Field and Pool, or Wildcat            |                              |
| Empire Abo                                |                              |
| 12. County                                |                              |
| Eddy                                      |                              |

|                                                                                                                           |  |
|---------------------------------------------------------------------------------------------------------------------------|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>          |  |
| 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 I, 2350 FEET FROM THE South LINE AND 1100 FEET FROM THE East LINE, SECTION 33 TOWNSHIP 17S RANGE 28E N.M.P.M. |  |
| 15. Elevation (Show whether DF, RT, GR, etc.)                                                                             |  |
| 3665.6' GR                                                                                                                |  |

16. 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"/> | Production Csg <input checked="" type="checkbox"/> |
|                                                |                                           | OTHER <input type="checkbox"/>                                 | DST & 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.

Finished drlg 7-7/8" hole to 6250' @ 4:30 PM 7/1/78. Ran DLL-MSFL, GR-N, Sonic-VDL, CNL-FDC w/ caliper & RFT logs. DST #1, Abo 5984-6009'. TO @ 9:30 AM 7/3/78 for 10 mins. Closed tool for 30 min ISI, re-opened tool, flwd 5.5 MMCFDG thru 3/4" ck, 387#, stabilized in 1 hr, no fluid to surf. Closed tool @ 11:27 AM, rel pkr @ 11:59 AM. IHP 2767, IFP 491-972, ISIP 1174, FFP 555-770, FSIP 1161, FHP 2843, BHT 110°F. DST #2, Abo 6068-6093'. TO @ 1:07 PM 7/3/78. Closed tool @ 4:36 PM 7/3/78. RO 75 BO. Total rec 111 BO, 6 BFW. IHP 2767, IFP 378-631, ISIP 1174, FFP 681-1098, FHP 2843, BHT 110°. LD test tools. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6170'. FS @ 6170', FC @ 6120', SC @ 2993'. Cmtd 5-1/2" csg in 2 stages. Stage #1, cmtd w/20 BW, 10 bbls CW-100 mud sweep, 25 BW, 373 sx Dowell Lite cmt w/15# sd/sk, 230 sx RFC cmt w/2% CaCl. BP @ 2:24 PM 7/4/78. Opened SC, circ 60 sx cmt to pit. Stage #2, cmtd w/10 BW, 760 sx Dowell Lite cmt w/8# salt/sk, 100 sx Cl C w/8# salt/sk. BP & closed SC @ 6:24 PM 7/4/78. Circ 120 sx cmt to pit. WOC 48 hrs. WIH w/bit, drld SC @ 2993'. Press tstd csg to 1500# 30 mins OK. Drld FC @ 6120', cmt to 6160', drld cmt & FS @ 6170'. Tagged TD @ 6250'. POH w/bit. RIH w/Lok-set pkr on 2-3/8" OD EUE tbg, set pkr @ 6145'. Swbd Abo OH 6170-6250', kicked off flwg. On 24 hr potential test 7/9/78 flwd Abo OH 6170-6250', 172 BO, 0 BW & 157 MCFG, FTP 90#, 26/64" ck, GOR 913:1. Final Report.

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

SIGNED John Roy Knott TITLE Dist. Drlg Supt. DATE 7/24/78

APPROVED BY W. A. Gressett TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: