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NEW MEXICO OIL CONSERVATION COMMISSION

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

RECEIVED

JUL 27 1978

| | |
|---|------------------------------|
| 5a. Indicate Type of Lease | |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5b. State Oil & Gas Lease No. | |
| 647-349 | 647-351 |

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.

| | | | | | |
|--|--|---|--|---|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <input type="checkbox"/> | | 2. Name of Operator Atlantic Richfield Company ✓ | | 7. Unit Agreement Name Empire Abo Pressure Maintenance Project | |
| 3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240 | | 8. Farm or Lease Name Empire Abo Unit "G" | | 9. Well No. 313 | |
| 4. Location of Well UNIT LETTER J, 2000 FEET FROM THE South LINE AND 2450 FEET FROM THE East LINE, SECTION 33 TOWNSHIP 17S RANGE 28E NMPM. | | 10. Field and Pool, or Wildcat Empire Abo | | | |
| 15. Elevation (Show whether DF, RT, GR, etc.) 3662.5' GR | | 12. County Eddy | | | |

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 checked="" 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"/> Surface | |

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.

Spudded 11" hole @ 3:00 PM 7/20/78. Finished drlg 11" hole to 750' @ 6:00 AM 7/21/78. Lost returns @ 90', unable to regain circ. RIH w/8-5/8" OD 24# K-55 csg, set @ 738'. FC @ 650'. Cmt'd 8-5/8" OD csg w/300 sx Cl C Thik-set cmt followed by 100 sx Cl C cont'g 2% CaCl. PD @ 10:35 AM 7/21/78. Cmt did not circ. Tagged top of cmt w/steel tape @ 45' FS. WOC 3 hrs. Water flow commenced in 8-5/8" csg/hole annulus ARO 10-14 BPH. Temp survey indicated TOC @ 510'. Perf'd 8-5/8" csg @ 488'. Had waterflow thru 8-5/8" csg perfs @ 488', flow stopped in 11" hole/8-5/8" csg annulus. RIH w/cmt retr, set retr @ 445' & cmt'd w/200 sx Cl C cont'g 4% gel followed by 200 sx Cl C cont'g 3% CaCl. MP 250 PSIG. WOC 24 hrs. Drilled cmt retr, press tested csg to 1000# 30 mins OK. Drld out FC, FS, pressure tested csg to 1000# 30 mins OK. Drlg new fm @ 11:30 PM 7/22/78.

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

| | | |
|-----------------------------------|--------------------------------------|-------------------------|
| SIGNED <u>L. Roy Knott</u> | TITLE <u>Dist. Drlg. Supt.</u> | DATE <u>7/25/78</u> |
| APPROVED BY <u>W. A. Gressett</u> | TITLE <u>SUPERVISOR, DISTRICT II</u> | DATE <u>JUL 28 1978</u> |
| CONDITIONS OF APPROVAL, IF ANY: | | |