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RECEIVED NEW MEXICO OIL CONSERVATION COMMISSION

FEB 26 1974

O. C. C.
ARTESIA, OFFICE

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

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

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"/>	7. Unit Agreement Name Empire Abo Unit "G"
2. Name of Operator Atlantic Richfield Company ✓	8. Farm or Lease Name
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 30
4. Location of Well UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE, SECTION <u>33</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> NMPM.	10. Field and Pool, or Wildcat Empire-Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3665' GR	12. County Eddy

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 checked="" 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 type="checkbox"/>	OTHER <input 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.

Remedial work was performed on the above well in the following manner: 1/16/74 - Killed well w/40 bbls lse crude. Installed BOP. Pulled pkr & tbg. WIH w/ret BP set @ 3276'. Loaded csg w/prod wtr. POH w/tbg. Ran cmt bond log 3000-2000'. Top of good cmt bond log @ 2480'. Perf'd 4 1/2" csg w/4 - 1/2" JS from 2350-51'. Ran pkr & set @ 2250'. Tstd 4 1/2" csg above pkr w/1000# OK. Circ 8-5/8" X 4 1/2" annulus thru perfs @ 2350-51'. Cmt annulus w/600 sx Class C cmt containing 4% gel & 2% CaCl. Cmt to surface. Squeeze perfs 2350-51' w/5 sx cmt. MTP 900 psi, SIP 700 psi. Left 3 sx cmt in csg. Drld cmt inside 4 1/2" csg 2304-55'. Tstd 4 1/2" csg w/1000# for 30 mins, held OK. Lowered bit, washed sd off top of BP. Made trip w/ret & ret BP. Ran 195 jts 2-3/8" tbg, Guiberson KVL-30 pkr & H-1 hyd HD & SN = 6110.15'. Btm @ 6109.15'. Set pkr @ 6069.02' w/10,000# tbg wt. Swbd well 2 hrs, rec 13 BW & 11 BO. 1/22/74 SIP 200#. Flwd well 2 hrs, rec 10 BO & 1 BW. 1/24/74 trtd perfs 6121-6145' w/500 gal DAD acid. Pmpd into form w/1600# @ 3 BPM. Slowed rate to 1/2 BPM, press dropped to 1200#. SD for 3 mins, ISIP 900 psi, vacuum in 1/2 min. Cont'd acid job @ 5 BPM w/0# press. JC @ 1 PM 1/24/74. Swbd & flwd well to common storage. On 1/29/74, flwd 276 BO & 0 BW in 24 hrs on 35/64" ck, FTP 110#. Returned well to production from Abo perfs 6125-6145'.

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

SIGNED H. J. Bernard TITLE Dist. Drlg. Supv. DATE 2/25/74

APPROVED BY W. A. Gressett TITLE OIL AND GAS INSPECTOR DATE FEB 28 1974

CONDITIONS OF APPROVAL, IF ANY: