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## NEW MEXICO OIL CONSERVATION COMMISSION

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NOV 14 1975

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 LOCATION. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

O. C. C.

ARTESIA, OFFICE

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Atlantic Richfield Company ✓	8. Farm or Lease Name Empire Abo Unit "J"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 231
4. Location of Well UNIT LETTER <u>G</u> <u>1361</u> FEET FROM THE <u>North</u> LINE AND <u>2531</u> FEET FROM THE <u>East</u> LINE, SECTION <u>6</u> TOWNSHIP <u>18S</u> RANGE <u>28E</u> N.M.P.M.	10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3654.4' GR	12. County Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO:


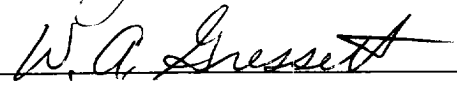
## SUBSEQUENT REPORT OF:

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 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"/>	OTHER <u>Run logs, 5 1/2" csg &amp; cmt</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.

Reached TD 6390' @ 6:30 AM 10/14/75. Ran Gamma Ray Neutron 5200-6390', Dual Laterolog w/RXO 5400-6390'. Ran 156 jts 5 1/2" OD 14# K-55 csg w/FS, FC @ 6356' & DV tool @ 4404'. Csg set @ 6390'. Cmt'd 1st stage w/450 sx 50/50 Pozmix & Cl C w/2% gel & 8# salt/sk. Plug down @ 8:15 PM 10/15/75. Opened DV tool @ 4404' & circ 6 hrs, circ 75 sx cmt. Cmt'd 2nd stage w/650 sx HLW w/8# salt, followed by 100 sx Cl C w/8# salt/sk. Circ 50 sx to pit. Plug down w/2000# @ 2:45 AM 10/16/75. WOC 60 hrs. Drld out DV tool @ 4402' & RIH to 6356' PBD. Ran Gamma Ray Correlation log 5350-6351'. Perf'd Abo 6123-6139' w/2 JSPF (32 - .41" holes). RIH w/Lok-set pkr, on-off tool & 1 jt tail pipe on 192 jts 2-3/8" OD EUE tbg, set pkr @ 6044'. Trtd Abo perfs 6123-6139' w/4000 gals 15% HCL-LSTNE acid w/iron sequestrant & scale preventer, followed by 2000 gals 50/50 15% HCL/xylylene acid. MP 2450#, Min 1300#, ISIP 500#, 2 min vac. 12 1/2 hr SITP 0#, CP 0#. Swbd Abo perfs 6123-6139' 10 hrs, rec 12 BLO, 64 BNO & 79 BLW, good show of gas. Flwg to clean up. On 24 hr potential test 10/25/75 well flwd 449 BO & 2 BW, FTP 80#, 48/64" ck, GOR 608:1. FINAL REPORT.

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

SIGNED 	TITLE <u>Dist. Drlg. Supv.</u>	DATE <u>10/29/75</u>
APPROVED BY 	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>NOV 26 1975</u>
CONDITIONS OF APPROVAL, IF ANY:		