

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

|                        |   |
|------------------------|---|
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FEB 26 1980

O. C. D.

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

SUNDY NOTICES AND REPORTS ON WELLS ARTESIA, OFFICE  
(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 type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Water Injection Well  | 7. Unit Agreement Name<br>West Red Lake Unit       |
| 2. Name of Operator<br>ARCO Oil & Gas Company,<br>Division of Atlantic Richfield Company  | 8. Farm or Lease Name<br>West Red Lake Unit        |
| 3. Address of Operator<br>P. O. Box 1710, Hobbs, New Mexico 88240   | 9. Well No.<br>11                                  |
| 4. Location of Well<br>UNIT LETTER 0 1890 FEET FROM THE East LINE AND 990 FEET FROM<br>THE South LINE, SECTION 7 TOWNSHIP 18S RANGE 27E NMPM. | 10. Field and Pool, or Wildcat<br>Red Lake Grbg SA |
| 15. Elevation (Show whether DF, RT, GR, etc.)<br>3292' GR   | 12. County<br>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"/>                               | 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 JOBS <input type="checkbox"/> |
| OTHER <input type="checkbox"/>   | OTHER <input type="checkbox"/>                       |
| PLUG AND ABANDON <input checked="" type="checkbox"/>                         | ALTERING CASING <input type="checkbox"/>             |
| CHANGE PLANS <input type="checkbox"/>  | PLUG AND ABANDONMENT <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.

Propose to plug and abandon. This well was shut-in during the month of February, 1977. The well was uneconomical to continue injecting due to decline in waterflood production.

1. Rig up, kill well, install BOP, POH w/water injection assy.
2. RIH w/4 1/2" cmt retr, set retr @ 1600'.
3. Cmt squeeze San Andres perms 1642-1737' w/60 sx Cl C cmt w/2% CaCl. Spot 4 sx cmt (50') on top of retr.
4. RIH w/cmt retr & set @ 850'.  
Blowout Preventer Program attached. \* 35
5. Cmt squeeze Grayburg perms 1038-47' w/20 sx Cl C cmt w/2% CaCl. Spot 4 sx (50') cmt on top of retr.
6. Run CBL from 800' to surf.
7. Perforate w/2 JSPF above top of cmt as indicated by CBL.
8. Circulate cmt down 4 1/2" csg & up thru 7" x 4 1/2" csg w/Cl C Cmt w/2% CaCl. Circ cmt to surf & leave 4 1/2" csg full of cmt to surf. Spot heavy gelled mud between all cmt plugs.
9. Install regulation dry hole marker, clean and level location for abandonment.

18. 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 2-20-80

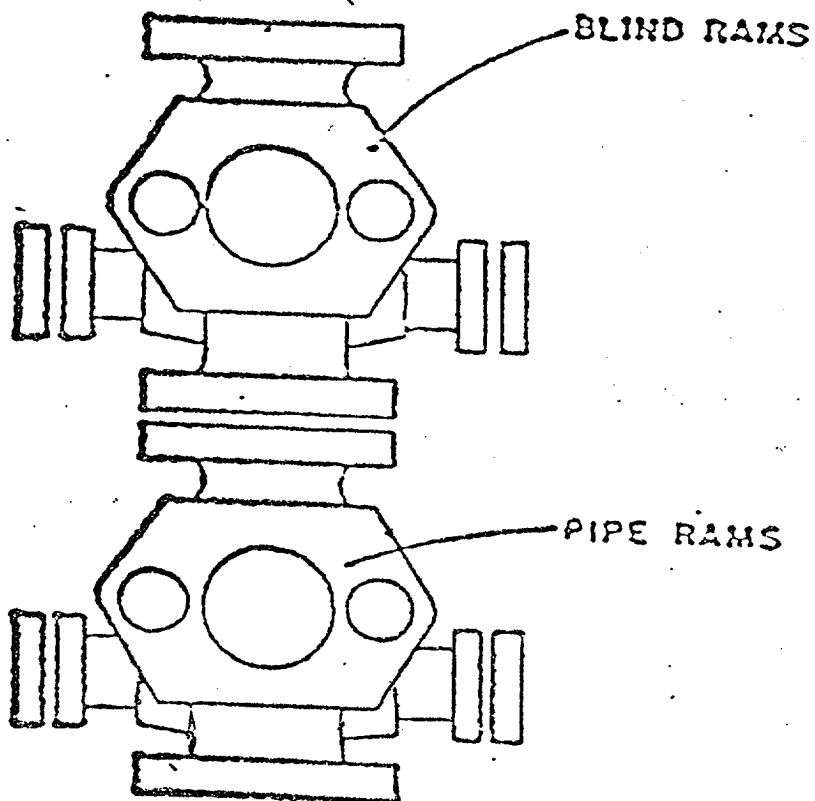
APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE FEB 28 1980

CONDITIONS OF APPROVAL, IF ANY:

\* as noted above

Notify N.M.O.C.C. in sufficient time to witness:

Plugging



ATLANTIC RICHFIELD COMPANY  
Blow Out Preventer Program

Lease Name West Red Lake Unit

Well No. #11

Location 1890' FEL, 990' FSL  
Sec 7-18S-27E, Eddy Co. N M

BOP to be tested before installed on well and will be maintained in good working condition during drilling. All wellhead fittings to be of sufficient pressure to operate in a safe manner.