

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-79

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FEB 26 1980

O. C. D.

SUNDRY 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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- Water Injection Well		5a. Indicate Type of Lease State <input type="checkbox"/> Fed <input checked="" type="checkbox"/>
2. Name of Operator ARCO Oil & Gas Company, ✓ Division of Atlantic Richfield Company		5. State Oil & Gas Lease No.
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		7. Unit Agreement Name West Red Lake Unit
4. Location of Well UNIT LETTER F 2540 FEET FROM THE North LINE AND 1650 FEET FROM THE West LINE, SECTION 7 TOWNSHIP 18S RANGE 27E NMPM.		8. Farm or Lease Name West Red Lake Unit
15. Elevation (Show whether DF, RT, GR, etc.) 3295' DF		9. Well No. 4
		10. Field and Pool, or Wildcat Red Lake Grbg SA
		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 checked="" 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 JOBS <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 water injection well. The well was shut-in February, 1972 because the well was uneconomical to continue injection.

1. Rig up, kill well, install BOP & POH w/injection assy.
2. RIH w/5½" cmt retr, set ret @ 1500'.
3. Cmt squeeze San Andres perfs 1578-1676' w/150 sx Cl C w/2% CaCl. Spot 5 sx cmt (50') on top of retr.
4. RIH w/5½" cmt retr. Set retr @ 900'.
5. Cmt squeeze Grayburg perfs 998-1034' w/60 sx ClC w/2% CaCl. Spot 5 sx cmt (50') on top of retr.
Blowout Preventer Program attached.
6. Run CBL from 400' to surf.
7. Perforate 5½" csg w/2 JSPF above top of cmt as indicated by log.
8. Circ cmt down 5½" csg thru perfs and up thru 8-5/8" x 5½" csg annulus using Cl C cmt w/2% CaCl. Circ to surface. Leave 5½" csg full of cmt to surface. 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.

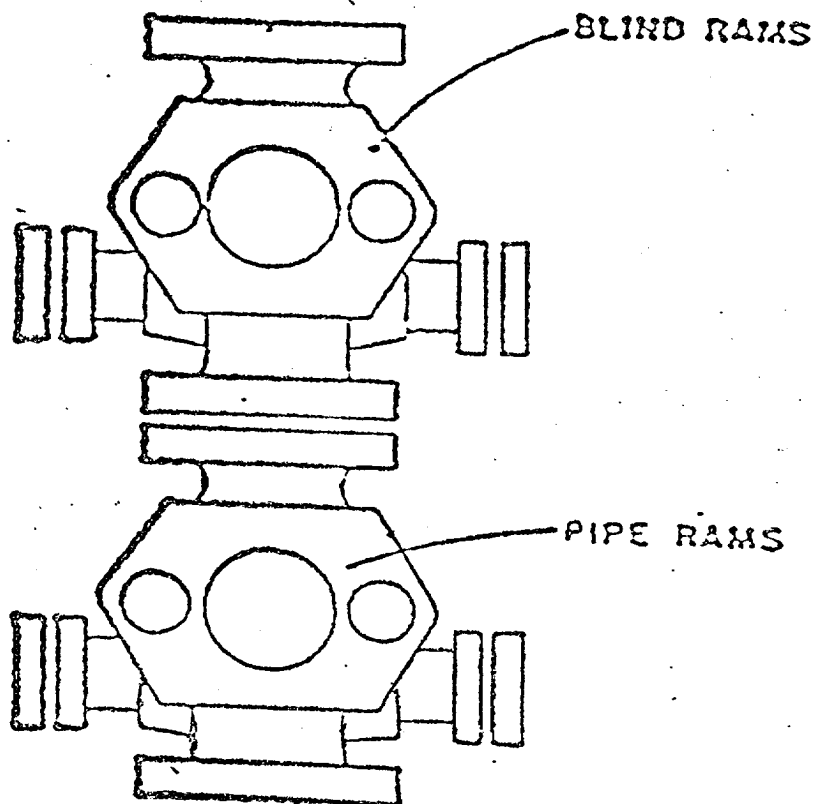
SIGNED *[Signature]* TITLE Dist. Drlg Supt. DATE 2-20-80

APPROVED BY *W.A. Gressett* TITLE SUPERVISOR, DISTRICT II DATE FEB 23 1980

CONDITIONS OF APPROVAL, IF ANY:

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. 4

Location 2540' FNL, 1650' FWL
Sec 7 -18S-27E, Eddy County, 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.