

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

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5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.
OG-693

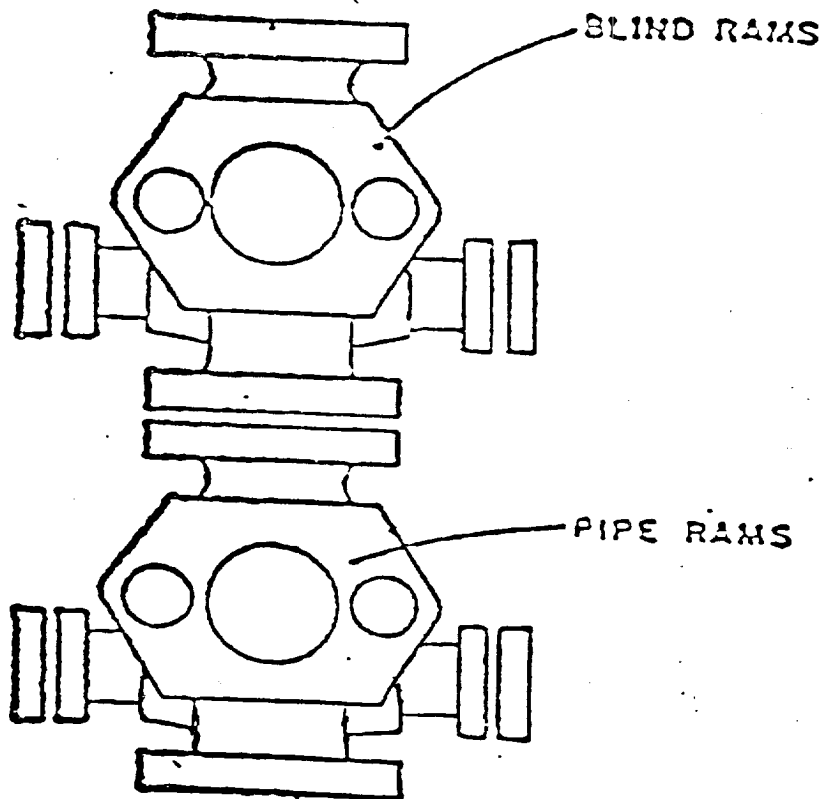
SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL GAS WELL OTHER-
2. Name of Operator ARCO Oil and Gas Company
Division of Atlantic Richfield Company ✓
3. Address of Operator
P. O. Box 1710, Hobbs, New Mexico 88240
4. Location of Well
UNIT LETTER J 1980 FEET FROM THE South LINE AND 1980 FEET FROM
THE East LINE, SECTION 2 TOWNSHIP 18S RANGE 27E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.)
3458' GR
7. Unit Agreement Name
Empire Abo Pressure Maintenance Project
8. Farm or Lease Name
Empire Abo Unit "K"
9. Well No.
15
10. Field and Pool, or Wildcat
Empire Abo
12. County
Eddy

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK
TEMPORARILY ABANDON
PULL OR ALTER CASING
OTHER Kick Off Out Csg, Drill Horizontal Drain Hole (Same Zone)
PLUG AND ABANDON
CHANGE PLANS
SUBSEQUENT REPORT OF:
REMEDIAL WORK
COMMENCE DRILLING OPNS.
CASING TEST AND CEMENT JOB
OTHER _____
ALTERING CASING
PLUG AND ABANDONMENT

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 cut csg section 6030-6035' and drill horizontal drainhole to a projected 200' north-westerly direction in order to recover additional oil reserves and reduce gas coning in accordance w/provisions of Rule 14B of the special Rules and Regulations of the Empire Abo Pressure Maintenance Project.
1. RU, kill well, install BOP. POH w/compl assy. Etab inj rate into Abo perms 6040-50'.
2. Set cmt retr @ approx 6010'. Cmt squeeze Abo perms 6040-50' w/C1 H cmt cont'g 2% CaCl₂. WOC.
3. DO cmt & cmt retr to 6050', press test squeeze job to 1000#.
4. Set 5½" Mod DW-1 whipstock anchor/pkr w/key locator on WL @ 6037'.
5. Run Gyro survey tool & check orientation of key locator. Set whipstock orientation to drill N-70°-W.
6. Run whipstock assembly and land in pkr. Whipstock zenith @ 6029'. Shear lug on whipstock.
7. Displace hole w/EP mud system.
8. Cut hole in csg 6030'-6035'. Drill 4-3/4" hole to 6069' building angle approx 20°/ft.
9. Run gyro survey in drain hole.
10. Set pkr above whipstock. Displace hole w/2% KCL wtr, spot 500 gals acid (7.5% HCL & 7.5% xylene) in OH. Acidize w/1000 gals acid. Treat OH w/4000 gals Halliburton Injectrol "G". SI 24 hrs. POH w/pkr. DO injectrol "G" & clean hole.
11. RIH w/horizontal drill tools & drill stabilized horizontal hole to obtain a 200' horizontal departure. Run multi-shot surveys on all bit trips. (cont'd on back of page)

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNED Robert E. Baldridge TITLE Drlg. Engr. DATE 1/14/84
Original Signed By
Leslie A. Clements
Supervisor District II
APPROVED BY _____ TITLE _____ DATE JAN 25 1984
CONDITIONS OF APPROVAL, IF ANY:



ARCO Oil & Gas Company
 Division of Atlantic Richfield Company
Blow Out Preventer Program

Lease Name Empire Abo Unit "K"

Well No. 15

Location 1980' FSL & 1980' FEL
Sec 2-18S-27E, Eddy County

BOP to be tested when 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.