

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form C-103
Revised 10-1-78

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AUG 11 1986

O. C. D.

| | |
|---|------------------------------|
| 5a. Indicate Type of Lease | |
| State <input checked="" type="checkbox"/> | Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No. E-5313 | |

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR 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 "L" | |
| 2. Name of Operator ARCO Oil and Gas Company - Division of Atlantic Richfield Co. | | 8. Farm or Lease Name | |
| 3. Address of Operator P.O. Box 1610, Midland, Texas 79702 | | 9. Well No. 133 | |
| 4. Location of Well UNIT LETTER <u>M</u> <u>800</u> FEET FROM THE <u>South</u> LINE AND <u>950</u> FEET FROM THE <u>West</u> LINE, SECTION <u>2</u> TOWNSHIP <u>18S</u> RANGE <u>27E</u> NMPM. | | 10. Field and Pool, or Wildcat Empire (Abo) | |
| 15. Elevation (Show whether DF, RT, GR, etc.) GR 3518'.5 | | 12. County Eddy | |

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

| | |
|---|---|
| PERFORM REMEDIAL WORK <input checked="" type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> |
| PULL OR ALTER CASING <input type="checkbox"/> | OTHER <input type="checkbox"/> |

SUBSEQUENT REPORT OF:

| | |
|---|---|
| REMEDIAL WORK <input type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| COMMENCE DRILLING OPNS. <input type="checkbox"/> | PLUG AND ABANDONMENT <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 1703.

*See attached procedure.

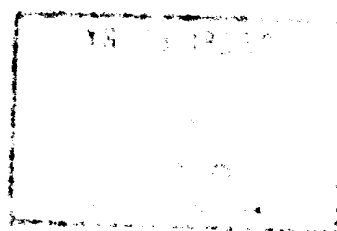
*Propose to repair 5-1/2" production casing and eliminate source of pressure on the 8-5/8" x 5-1/2" annulus.

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

SIGNED Trent Day TITLE Drilling Engineer DATE 8-8-86

APPROVED BY Mik Williams TITLE OIL AND GAS INSPECTOR DATE SEP 18 1986

CONDITIONS OF APPROVAL, IF ANY:



ARCO 34.140DATE _____
AUTH NO. _____Well Name and No. Empire Abo Unit "L" #133 (OW) Location 800' FSL & 950'FWL, Sec. 2, T-18-S, R-27-E, Eddy Co., New Mexico STATE _____ Drilled 1979Type of Job Repair Communication Field Empire AboTD 6135 MD PBD 6107 DATUM 11' RKB Elevation KB GL 3518 By: P. EdlundWellhead Information: 6" 900

| Casing Information: | Size | Weight | Grade | Set @ | Sx Cmt | Top |
|---------------------|---------------|-------------|-------------|-------------|-------------|-------------|
| Surface | <u>8-5/8"</u> | <u>24</u> | <u>K-55</u> | <u>1000</u> | <u>600</u> | <u>Circ</u> |
| Intermediate | | | | | | |
| Producing | <u>5-1/2"</u> | <u>15.5</u> | <u>K-55</u> | <u>6135</u> | <u>1250</u> | <u>Circ</u> |
| Liner | | | | | | |

Present Perfs: From 6072 To 6092 Holes 40 Stimulation Acid
 From _____ To _____ Stimulation _____

Present Open Hole: Size _____ From _____ To _____ Stimulation _____

Tubing Data: Size 2-3/8" Wt. 4.7 Grade J-55 Thd EUE 8r Btmd @ 5998'
 Jts. 194 Misc _____

Packer Howco R-4 Depth 5992 Tension _____ Comp 8000#
 Tbg Anchor _____

Miscellaneous: DV tool @ 3999. TVD @ TD is 6100'. Bottom hole location is 341' north
and 311' west of surface location. Both production and surface casing had 300 psi on
them 10-31-85. Bled off. 3-86 SICP's 225#.

PROCEDURE

1. Shut BOP, bleed pressure off production tubing, surface casing. Kill tbg w/ production well.
2. Set BOP. Also per A POH.
3. RIH w/ RBP & pk on 2-3/8" prdn tbg tstr below slips to 1000 psi. Set RBP & POH & test to 1000 psi.
4. Test seals in tbgnd by means of test port to 1000 psi if possible. POH w/ prdn tbg dsg for leaks.
5. Repair communication as necessary by squeeze cementing and/or replacing seals in tbgnd. If necessary to squeeze cement, dump 2 sx sd on RBP.
6. RIH w/ rtg hd on 2-3/8" prdn tbg & wash sd off RBP. Rtrve RBP & POH. RIH w/ redressed R-4 pk on 2-3/8" prdn tbg & set @ 5998' Test ann to 500 psi. MD BOP NE wellhead.
7. Swab to kick off. TOPS.

D R Dees8-4-86

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