

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO

Form C-103
Revised 10-1-78

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DEC 17 1986

O. C. D.

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
E-5313	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG OR REPAIR OR RESTORE A WELL. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL ☒ GAS ☐ OTHER ☐ WELL	7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company	8. Farm or Lease Name Empire Abo Unit "L"
3. Address of Operator P. O. Box 1610, Midland, Texas 79702	9. Well No. 13
4. Location of Well UNIT LETTER <u>M</u> <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</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.) DF 3529	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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

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.

9-24-86 RUPU. POH w/CA
Set RBP @ 5818. Test to 1000#. Perf 5-1/2" csg @ 2750. Establish PIR w/0.5 BPM @ 1450#. No Circ out 5-1/2 x 13-3/8 ann.

9-27-86 Set CICR @ 2600. Sqz w/1150sx cmt. No circ out 5-1/2 x 13-3/8 ann.

9-29-86 Ran pipe rec log. Indic TOC @ 2380. Perf @ 1900. Establish circ to surf out brdnhd. Set CICR @ 1800. Sqz w/400 sx cmt. Did not circ cmt. Had full returns while pmpg.

9-30-86 TS - Indic TOC @ 1135. Perf 5-1/2" csg @ 1115. Establish circ to surf out brdnhd. Set CICR @ 1030. Sqz w/675 sx cmt. Circ cmt to surf.

10-1-86 DO to 1147. Test csg to 1000#. Lost 50# in 30 min.

10-3-86 DO to 1930'. Test csg to 1000# Lost 20# in 30 min.

10-4-86 DO to 2758'. Test csg to 1000#. Lost 800# in 4 min. Test csg f/2810-5818 to 1000# OK.

10-6-86 Resqz perfs @ 2750. DO cmt. Test csg f/0-5800 w/1000#. Lost 20# in 30 min.

10-8-86 POH w/BP. RIH w/CA. RD PU.

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

SIGNED Kenn W Gosnell TITLE Engr. Tech. Spec. DATE 12-15-86

APPROVED BY Mike Williams TITLE Oil & Gas Inspector DATE DEC 22 1986

CONDITIONS OF APPROVAL, IF ANY: