

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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DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.S.	
LAND OFFICE	
OPERATOR	

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

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. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER	7. Unit Agreement Name State Vacuum Unit
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name State Vacuum Unit
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 23
4. Location of Well UNIT LETTER <u>J</u> <u>1530</u> FEET FROM THE <u>South</u> LINE AND <u>2490</u> FEET FROM THE <u>East</u> LINE, SECTION <u>32</u> TOWNSHIP <u>17S</u> RANGE <u>34E</u> N.M.P.M.	10. Field and Pool, or Wildcat Vacuum Grayburg SA
15. Elevation (Show whether DF, RT, GR, etc.) 4073.2' GR	12. County Lea

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"/>	PLUG AND ABANDON <input 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 checked="" type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/> Surface	

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.

On 6/8/83 RU & drld 30'. Set 30' of 13-3/8" OD 54.5# csg. Cmtd w/2½ yds Redi-mix to surf. Spudded 11" hole @ 6:00 PM 6/9/83. Finished drlg 11" hole to 1579' @ 9:30 pm 6/10/83. RIH w/ 8-5/8" OD 24# K-55 csg, set @ 1579'. Cmtd 8-5/8" csg w/440 sx Cl C cmt cont'g 4% gel, ¼#/sk cello-seal, 2% CaCl₂ and 200 sx Cl C cmt cont'g 2% CaCl₂. PD @ 10:00 AM 6/11/83. Circ 145 sx cmt to surf. WOC 14 hrs. Press tested csg to 1000# for 30 mins, OK. Drlg new fm @ 12:01 AM 6/12/83. The following compressive strength criterion is furnished for cmtg in accordance w/ Option 2 of the Commission Rules and Regulations.

1. The volume of cmt slurry used was 735 cu ft of Cl C cmt cont'g 4% gel, ¼#/sk cello-seal, 2% CaCl₂ & 264 cu ft of Cl C cmt cont'g 2% CaCl₂. Circ 242 cu ft of cmt to surf.
2. The approximate temperature of cmt slurry when mixed was 75°F.
3. The estimated minimum formation temperature in zone of interest was 78°F.
4. The estimated strength of cement at time of csg test was 2300 PSIG.
5. Actual time cmt in place prior to starting test was 14 hrs.

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

SIGNED J. P. Lawrence TITLE Drlg. Engr. DATE 6/14/83

ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE JUN 14 1983

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
JUN 15 1983  
O.C.D.  
HOBBS OFFICE