

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.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
K-3851	

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 - A" (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
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name Lea 946 State
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 1
4. Location of Well UNIT LETTER E, 1980 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 2 TOWNSHIP 18S RANGE 35E NMPM.	10. Field and Pool, or Wildcat Buckeye Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3902' GR	12. County Lea

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 checked="" 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 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 1103.

1. RU 8/26/83. POH w/Kobe compl assy. Pushed pkr @ 8812' to 8942'.
2. Ran CNL/GR/Collar log.
3. Set pkr @ 8722'. Acidized perfs 8887-8928' w/4500 gals 15% HCL NEFE acid. In 1 hr swbd perfs 8887-8928', rec tr oil & 7 BFW. POH w/pkr.
4. Set cmt retr @ 8840'. Cmt sqzd perfs 8887-8928' w/175 sx Cl H cont'g .8% CF9 @ 0# press. Cmt sqzd perfs 8887-8928' w/150 sx Cl H cont'g 8#/sk super seal. RO 125 sx. Press tested csg to 3000# OK.
5. On 9/9/83 ran CBL/GR Collar log 8840-7040' & 4600-4400'. PBD 8840'. TOC @ 4476' behind 4 1/2" csg. Perf'd Bone Springs @ 8729, 30, 31, 32, 33, 36, 37, 38, 39, 40, 41, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 8807, 08, 09, 10, 11, 12, 13, 14, 15, 8816'. Set pkr @ 8660'. Acidized w/500 gals 15% NEFE acid, flushed w/2% KCL wtr. Swbd tbg dry w/tr of oil. Acidized perfs 8729-8816' w/7000 gals 15% NEFE acid. Flushed w/2% KCL wtr. In 10 hrs swbd 5 BNO & 64 BLW. POH w/pkr. RIH w/2-7/8" OD tbg & pkr, set pkr @ 8649'. Pmpd 5500 gals Polaris 40 frac fluid. POH w/pkr.
6. Perf'd Bone Springs @ 8729, 32, 38, 40, 50, 52, 54, 57, 66, 69, 73, 76, 80, 84, 88, 8809, 11, 8813'. Set pkr @ 8649'. Acidized perfs 8729-8816' w/5600 gals 20% NEFE HCL acid. Flwd back 2 1/2 hrs & rec 27 BLW. In 10 hrs swbd 3 BO & 61 BLW.
7. On 9/28/84 frac'd perfs 8729-8816' w/38,000 gals x-linked gel fluid (25% CO2 & 27,000# inter-prop). (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 <u>Eddie W. Seay</u>	TITLE <u>Drlg Engr.</u>	DATE <u>8/16/84</u>
APPROVED BY <u>Oil & Gas Inspector</u>	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

AUG 22 1984

RECEIVED

AUG 21 1984

O.C.D.
HOBBS OFFICE

Flwd back 3½ hrs, rec 65 BL. POH w/pkr & work string. RIH w/Mod R pkr & 2-3/8" OD prod string. Set pkr @ 8698'. In 2 hrs swbd 3 BNO & 3 BLW. POH w/pkr. CO sd to 8840' PBD.

8. RIH w/2-3/8" OD tbg & SN. SN set @ 8730'. On 1 hr swab test 10/13/84 rec 1 BNO, tr of wtr. Shut in, workover unsuccessful. Waiting on further evaluation. Final Report.