

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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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. B-229	

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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- WIW	7. Unit Agreement Name
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name Seven Rivers Queen
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 41
4. Location of Well UNIT LETTER <u>A</u> <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE, SECTION <u>2</u> TOWNSHIP <u>23S</u> RANGE <u>36E</u> NMPM.	10. Field and Pool, or Wildcat <del>Eunice Seven Rivers</del> <del>Queen South</del>
15. Elevation (Show whether DF, RT, GR, etc.) 3459.7' RKB	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 checked="" 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 OPS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <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.

Propose to improve vertical injection efficiency by diverting water to new zone area of the 7Rivers Queen in the following manner:

1. Rig up Halliburton, PB w/sd to 3700'.
2. Pump K-trol XC treatment as follows - 250 gals HY-SOL 704 (xylene), 250 gals 15% NEFE acid, 250 gals HY-SOL 704 (xylene), 2000 gals w/6% KCL wtr as pad, 2100 gals Special K-Trol XC using retarder 2 hrs set time, 2100 gals Special K-Trol XC using retarder 4 hrs set time, flush w/600 gals 2% KCL w/1#/1000 gals K-33. SION.
3. RU PU, POH w/inj tbg & pkr.
4. CO sd to 3796' PBD. Set pkr @ 3700' & acidize w/4000 gals 15% NEFE acid using BAF & RS in 600 gals gelled brine, flush w/brine or 2% KCL wtr.
5. Swab back load, POH w/trtg pkr. RIH w/CL inj tbg & pkr, set above perms 3652-3755' & return to injection.

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

SIGNED Elizabeth A. Bush TITLE Drlg. Engr. DATE 2/22/83

ORIGINAL SIGNED BY JERRY SEXTON

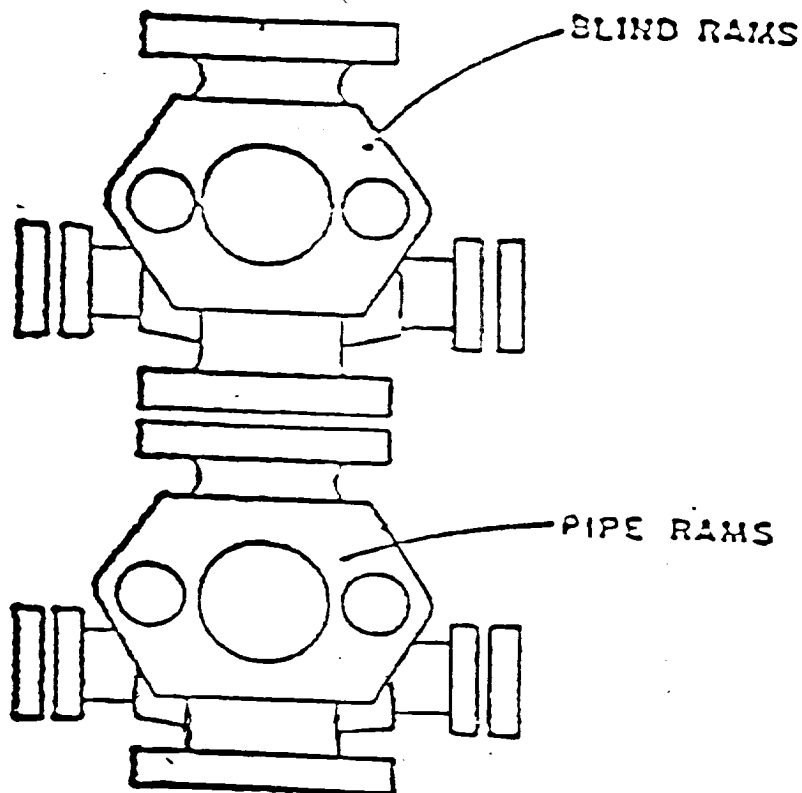
APPROVED BY DISTRICT 1 SUPERVISOR

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

FEB 24 1983

CONDITIONS OF APPROVAL, IF ANY:



ARCO Oil & Gas Company

Division of Atlantic Richfield Company

**Blow Out Preventer Program**

**Lease Name** Seven Rivers Queen

**Well No.** 41

**Location** 660' FNL & 660' FEL  
Sec 2-23S-36E, Lea 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.