

O. - CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" 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. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER - WIW	7. Unit Agreement Name Seven Rivers Queen Unit
2. Name of Operator ARCO Oil and Gas Company Division of Atlantic Richfield Company	8. Farm or Lease Name Seven Rivers Queen Unit
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 33
4. Location of Well UNIT LETTER K, 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE, SECTION 34 TOWNSHIP 22S RANGE 36E NMPM.	10. Field and Pool, or WHdcat Eunice 7R Qn South
15. Elevation (Show whether DF, RT, GR, etc.) 3489' RKB	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 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"/>		CASING TEST AND CEMENT JOBS <input type="checkbox"/>	
OTHER Cmt Squeeze, Deepen Same Zone, Run <input checked="" type="checkbox"/>		OTHER <input type="checkbox"/>	

Liner, Cement, Perf, Acidize, Return to Injection

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.

Present TD 3765', PBD 3765'. Present injection interval perforations 3640-56', 70-82', 3691-3703', 3706-3716' = 4 JSPF & 3726-3765' open hole. Propose to deepen, run FG liner in same zone, cmt liner, perforate, acidize & return to injection in the following manner

1. RU, inst BOP. Press up tbg/csg annulus to 500#, check for csg leak above 3570'. POH w/cmt lined tbg.
2. RIH w/tbg OE & spot sd back to 3720'.
3. Set pkr @ 3570', establish injection rate. POH w/pkr. Set cmt retr @ 3570'. Cmt squeeze perfs 3640-3716' w/C1 H Neat cmt.
4. If casing leaks were indicated during tbg/csg pressure check, locate leak. RIH w/pkr & squeeze cmt w/C1 H cmt. DO & test squeeze job. Re-squeeze if necessary.
5. RIH w/4-3/4" bit & 2-7/8" tbg, DO cmt retr. CO open hole to 3765' PBD. Deepen from 3765' to 3900' NTD.
6. Run GR-Neutron log. RIH w/400' of 3 1/2" EUE 8rd-fiberglass tbg. Set TOL @ approx 3500', btm @ 3900'. Cmt liner w/75 sx batch mixed C1 H cmt cont'g 2% CaCl₂. CO excess cmt & WOC. Press test TOL to 1000#. Cmt squeeze w/C1 H Neat cmt if TOL leaks.
7. Perforate Middle Queen interval w/approx 12 holes.
8. Set pkr above TOL & acidize new Queen perfs w/2000 gals 15% NEFE in 2 stages. Swab back load. Frac w/10,000 gals of 40# x-linked gel & 25,000# sd. Swab back load. POH w/pkr.
(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 Elizabeth L. Bush TITLE Drlg. Engr. DATE 5/10/85

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

9. RIH w/tbg & spot sd above top perforations. Perf 7Rivers and Upper Queen interval w/20 holes. Set pkr above TOL & acidize w/3000 gals 15% NEFE acid in 2 stages. POH w/pkr. CO sd to PBD.
10. RIH w/injection assy as follows: 2-1/16" cup-type pkr, 1 jt 2-1/16" IPC tbg, Baker AD-1 tension pkr & 2-3/8" OD cmt lined tbg. Circ hole w/corrosion inhibited fluid, set pkrs @ 3520' & 3490'. Return to injection.

7/15/2016

MAY 16 2016

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