

OIL CONSERVATION DIVISION

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-103  
Revised 10-1-78

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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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <b>WIW</b>		7. Unit Agreement Name
2. Name of Operator <b>ARCO Oil and Gas Company</b> Division of Atlantic Richfield Company		8. Farm or Lease Name <b>Seven Rivers Queen Unit</b>
3. Address of Operator <b>Box 1710, Hobbs, New Mexico 88240</b>		9. Well No. <b>35</b>
4. Location of Well UNIT LETTER <b>M</b> <b>660</b> FEET FROM THE <b>South</b> LINE AND <b>660</b> FEET FROM THE <b>West</b> LINE, SECTION <b>34</b> TOWNSHIP <b>22S</b> RANGE <b>36E</b> NMPM.		10. Field and Pool, or Wildcat <b>South Eunice 7R Qn</b>
15. Elevation (Show whether DF, RT, GR, etc.) <b>3498' RKB</b>		12. County <b>Lea</b>

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 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"/>	OTHER <b>Repair Water Flow around Surf Csg</b> <input checked="" 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.

RU 8/13/79, installed BOP, POH w/injection assy. Ran temp survey. Fluid movement behind 5½" csg @ 1580'. Hole found in 8-5/8" OD csg 4" below BH. Dug out cellar, 8-5/8" OD csg found separated 3' from BH. Repaired 8-5/8" OD csg by patching over 8-5/8" OD csg w/9-5/8" OD csg & welding, OK. RIH w/RBP, set BP @ 3629'. Tested to 1500# OK. Press tested 5½" csg to 1500# for 30 mins OK. Ran CBL. TOC @ 2070'. Perf'd 5½" csg 2060-62' w/2 JSPF. Set pkr @ 2038'. Established circ between 8-5/8" & 5½" annulus. RIH w/cmt retr, set retr @ 2008'. Cmt'd 5½" csg perfs @ 2060-62' w/250 sx Cl C cmt, 4% gel, 5# salt/sk & 500 sx Cl C cmt Neat & 150 sx Cl C cmt w/2% CaCl, 5# salt/sk. Circ 250 sx cmt to surf. WOC. Drld cmt & retr, washed sd off BP @ 3629'. Press tested csg to 1500# 30 mins OK. CO to 3767' PBD. Acidized perfs 3715-3765' w/1000 gals 15% NE-FE acid. RIH w/AD-1 tension pkr & 2-3/8" OD tbg PVC lined, set pkr @ 3628'. Filled 8-5/8" x 5½" csg annulus w/corrosion inhibited wtr. Installed well head, hooked up for return to water injection. On 10/1/79 injected in 21 hrs 327 BW, 620# TP, 0# CP. Final Report.

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

SIGNED 	TITLE <b>Dist Drlg Supt.</b>	DATE <b>10/4/79</b>
APPROVED BY <b>Orig. Signed Jerry Sexton</b>	TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY <b>Dist 1, Supp</b>		<b>OCT - 9 1979</b>

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USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER- <b>WIW</b>	5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
2. Name of Operator <b>ARCO Oil and Gas Company</b> Division of Atlantic Richfield Company	5. State Oil & Gas Lease No.
3. Address of Operator <b>Box 1710, Hobbs, New Mexico 88240</b>	7. Unit Agreement Name
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	9. Well No. <b>35</b>
	10. Field and Pool, or Wildcat <b>So. Eunice 7R Qn</b>
11. Elevation (Show whether DF, RT, GR, etc.) <b>3498' RKB</b>	12. County <b>Lea</b>

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"/> TEMPORARILY ABANDON <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> OTHER <b>Repair Water Flow</b> <input checked="" type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPS. <input type="checkbox"/> CASING TEST AND CEMENT JOBS <input type="checkbox"/> OTHER <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/>

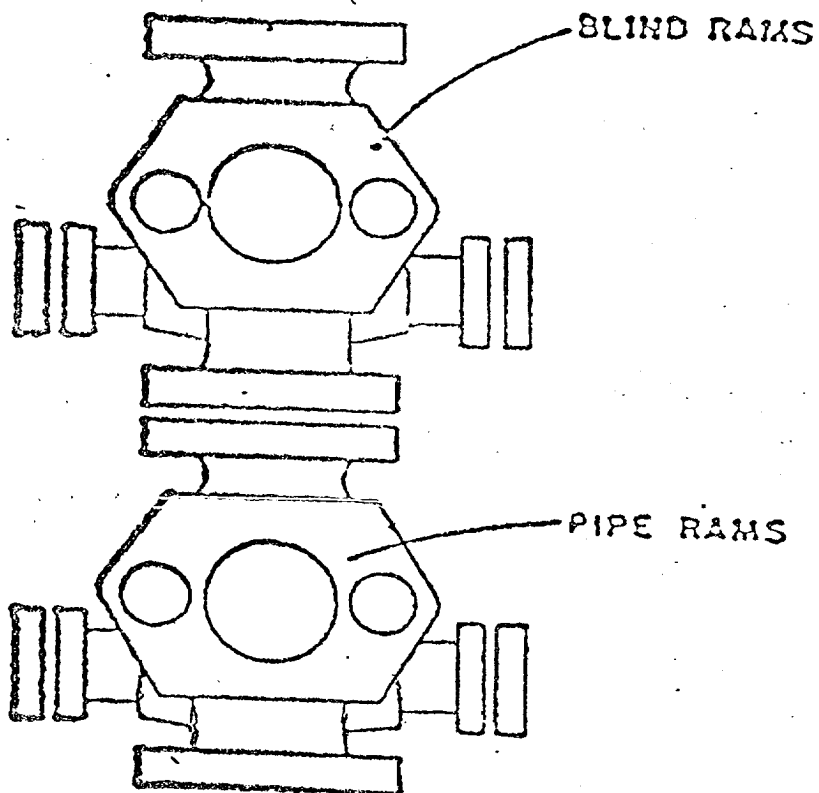
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TD 3768', PBD 3767'. Perforated in 7R Qn zone 3715-27, 3738-51', 3756-65' w/4 JSPF.  
8-5/8" OD 24# J-55 csg set @ 1399'. Cmt'd w/500 sx cmt. Circ to surf.  
5 1/2" OD 15.5# J-55 csg set @ 3768' & cmt'd w/500 sx cmt. TOC estimated @ 1800'.  
Waterflow has developed around surface csg and propose to repair waterflow in the following manner:

1. Rig up, install BOP & POH w/model AD-1 tension pkr & 119 jts 2-3/8" OD EUE cmt line injection tbq.
2. Run CBL, CCL, locate TOC behind 5 1/2" OD csg.
3. Perf approx 50' above TOC w/4 JS. Establish pump in rate.
4. RIH w/RBP & pkr, set BP below perfs, set pkr, test BP. Spot 2 sx sd on top of BP. POH w/pkr
5. RIH w/cmt retr, set above squeeze perfs. Squeeze cmt perfs w/C1 C cmt w/5# salt/sk, 2% CaCl2 w/amount to circ up to 8-5/8" csg shoe & 8-5/8" x 5 1/2" annulus to surface.
6. Braden head squeeze 8-5/8" x 5 1/2" csg annulus if necessary w/amt cmt to be determined. WOC.
7. Drill out cmt & cmt retr. Pressure test squeeze job.
8. Circ sd off BP & POH.
9. RIH w/pkr & cmt lined tbq, hook up for water injection.

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

SIGNED *Jerry Sexton* TITLE Dist. Drlg. Supt. DATE 8/15/79  
APPROVED BY *Jerry Sexton* TITLE Dist. 1, Supt. DATE AUG 17 1979  
CONDITIONS OF APPROVAL, IF ANY:



ATLANTIC RICHFIELD COMPANY  
Blow Out Preventer Program

Lease Name Seven Rivers Queen Unit

Well No. 35

Location 660' FSL & 660' FWL

Sec 34-22S-36E, Lea County

BOP to be tested before installed on well and will be maintained in good working condition during drilling. A wellhead fittings to be of sufficient pressure to operate in a safe manner.