

OIL CONSERVATION DIVISION

P. O. BOX 2038

SANTA FE, NEW MEXICO 87501

Form O-101
Revised 10-1-78

NO. OF COPIES RECEIVED	
DATE RECEIVED	
AGENCY	
TITLE	
OFF. USE	
CLASS. OF DOC.	
OPERATION	

54. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR INDIVIDUALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE APPLICATION FOR PERMIT - 27 (FORM O-101) FOR SUCH OPERATIONS.

OIL WELL GAS WELL OTHER - WIW

Name of Operator: ARCO Oil & Gas Company,
Division of Atlantic Richfield Company

Address of Operator:
P. O. Box 1710, Hobbs, New Mexico 88240

Location of Well

UNIT LETTER: A 660 FEET FROM THE North LINE AND 660 FEET FROM East
TOWNSHIP 23S RANGE 36E

7. Unit Agreement Name

8. Farm or Lease Name
Seven Rivers Queen Unit

9. Well No.
45

10. Field and Pool, or Wildcat
Langlie Mattix 7 R On

11. Elevation (Show whether DE, RT, GP, etc.)

3507' 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
TEMPORARILY ABANDON
PULL OR ALTER CASING

PLUG AND ABANDON
CHANGE PLANS

REMEDIAL WORK
COMMENCE DRILLING OPER.
CASING TEST AND CEMENT JOBS

ALTERING CASING
PLUG AND ABANDONMENT

OTHER: Cement Squeeze, run fiberglass liner, perf, acidize, return to WI.

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 17.5.

- Rig up on 4/24/80, POH w/ comp assy, install BOP.
- RIH w/ RBP. Set BP @ 3501'. Ran CBL. TOC @ 1360'.
- Pressured up on csg, found csg leak 2702-2796' & above. Spotted 2 sx sd on BP.
- Spotted 250 gals 15% NE-HCL acid @ 2685'.
- RIH w/cmt retr, set @ 2595'. Cmtd thru retr w/ 100 sx low wtr loss cmt & 100 sx C1 "C" cmt w/ 2% CaCl.
- RIH w/ cmt retr, set @ 1743'. Cmtd csg hole 1746-2376' w/ 200 sx C1 "C" cmt w/2% CaCl.
- RIH w/ cmt retr, set @ 1490'. Cmtd thru csg leak 1550-1746' w/ 200 sx C1 "C" cmt w/2% CaCl. WOC. Drld retr & cmt 1489-1640'. Press csg, pmpd in @ 1/2 BPM, 1400#.
- RIH w/ cmt retr, set @ 1520'. Cmtd thru csg leak w/ 200 sx C1 "C" cmt w/2% CaCl. WOC. Drld cmt 1514-1520', retr & cmt 1520-1640'. Press csg to 1500#, press bled to 500# in 1 min.
- Ran FB cmtr, set @ 1398'. Squeezed csg hole @ 1640' w/ 200 sx C1 "C" cmt w/2% CaCl. POH w/ cmtr. WOC. Drld cmt 1550-1640'. Press tested squeeze job to 1650# for 30 min, OK.
- Drld cmt retr & cmt 1737-2018'. Press tested squeeze job to 1650# for 30 mins, OK. Drld cmt & clean out to 2390'. Set pkr @ 2221', press up to 1600#, found csg leak. Set FB pkr @ 2212', squeezed csg leak w/500 gals Safe Mark II followed by 150 sx C1 "C" cmt w/2% CaCl & 5# salt/sk, POH w/pkr. WOC. Drld cmt & retr @ 2208-2363', press tested csg to 1600# for 30 mins, OK. Drld cmt & retr 2590-2596' & retr & cmt 2596-2722' & cmt string to 2745'.

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

SIGNED: [Signature]
LEROY LANE

TITLE: Dist. Drlg. Supt.

DATE: 6-3-80

APPROVED BY: [Signature]
JERRY SEXTON

TITLE:

DATE: JUN 9 1980

CONDITIONS OF APPROVAL:

Press up csg to 1400#, pump in rate $\frac{1}{2}$ BPM.

11. RIH w/FB cmtr to 2600', found csg leak 1780-2730', re-set cmtr @ 1530'. Squeeze csg holes w/ 300 sx Cl "C" cmt w/2% CaCl contg 18% salt. POH w/cmtr. WOC. Drld out cmt 1648-1806', ran bit to 3486'. Press tested csg to 1000# for 30 mins, OK.
12. Perf'd 4 squeeze holes @ 1100-1102'. RIH w/ FB cmtr, set @ 890', cmtd w/200 sx Cl "C" cont 2% CaCl. POH w/cmtr, WOC. Drld cmt 1053-1118'. Press tested squeeze job to 1000# for 30 mins, OK.
13. Rec BP @ 3501'. RIH w/3 $\frac{1}{2}$ " OD 8rd Fiberglass liner, Brown liner hanger & pack-off. Set liner btm @ 3918', top @ 3196'. Cmtd liner w/75 sx Cl "C" cmt w/2% CaCl. RO 25 sx cmt. WOC. RIH, drld cmt @ 3080' to top of liner @ 3196'. Press tested top of liner w/ 1000# for 30 mins. Ran bit to 3864'. Press tested liner to 1000# for 30 mins, OK. Ran CBL 3841-3000', good bond.
14. Perf'd 3 $\frac{1}{2}$ " F-G liner 3662-3673' & 3690-3720' w/1 JSPF = 43 holes. RIH w/2-3/8" CS Hydril & 2-7/8" tbg OE to 3100'. Spotted 100 gals 15% HCL-NE acid 3719-3200'. POH w/ tbg. RIH w/ pkr on 2-7/8" tbg, set @ 3170'. Acidized perms 3662-3720' w/5000 gals 15% HCL-NE acid w/ 500# rock salt. POH w/pkr & tbg. RIH w/ internally P-C pkr & tbg, set OE @ 3366' w/ pkr @ 3168'. Filled tbg/csg annulus w/ 2% KCL corrosion inhibited wtr. Connected up wellhead for WI.
15. On test 6/1/80 24 hrs injected 311 BW, TP 0#, CP 0#. Final Report.

3614
6/1/80