

OIL CONSERVATION DIVISION

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

Form C-103
Revised 10-1-79

DATE RECEIVED	
DISTRIBUTION	
SANITARY	
FILE	
U.S.P.S.	
LAND OFFICE	
OPERATOR	

3a. Indicate Type of Lease
State ☐ Fed ☒
3. 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. dual OIL WELL ☒ GAS WELL ☒ OTHER ☐	7. Unit Agreement Name
2. Name of Operator ARCO Oil & Gas Company Division of Atlantic Richfield Company	8. Form or Lease Name Jim Camp WN
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No. 2
4. Location of Well UNIT LETTER E 1980 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE, SECTION 6 TOWNSHIP 24S RANGE 37E N.M.P.M.	10. Field and Pool, or Wildcat Jalmat Gas L. M. 7 Rivers
11. Elevation (Show whether DF, RT, GR, etc.) 3317' 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 ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
		OTHER Perf L-M 7Rivers treat & dual w/ existing Jalmat Gas ☒	

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.)

- Rig up, kill well, install BOP on 8/9/80. POH w/ comp assy. RIH w/ RBP & FBRC, set RBP @ 2911' FBRC @ 2896' spot 2 sx sd on top of RBP. Tested RBP & csg w/ 1500# for 30 mins, OK. POH w/ pkr.
- Ran CBL 2852' to surf. TOC @ 1959'. Perf'd 4 holes @ 1620'-21'. Ran FBRC & set @ 1391', Cmt'd perfs 1620-21' w/600 sx Cl "C" cmt cont'g 2% CaCl₂. POH w/ cmtr. WOC. Drld out cmt 1523'-1624'. Press tested perfs @ 1620-21' w/1500#. Would not hold press. RIH w/FBRC, set @ 1391'. Press up perfs & broke circ. Squeeze cmt'd perfs 1620-21' w/100 sx Cl "C" cont'g 2% CaCl₂, WOC. POH w/ FBRC. Drld out cmt, pressure tested squeeze job to 1500#, leaked off to 500#² in 2 mins. RIH w/ FBRC, set @ 1391'. Pumped thru perfs 1620-21' @ 1500#, 3/4 BPM. Cmt'd squeezed perfs 1620-21' w/ 200 sx Cl "C" w/18% salt & 50 sx Cl "C" cont'g 2% CaCl₂. WOC. POH w/ FBRC. Drld out cmt. Press tested perfs w/ 1000#, press leaked off. RIH w/ FBRC, set @ 1391' broke circ thru perfs @ 1620-21' w/ 1600#. Cmt squeeze perfs 1620-21' w/ 200 sx Cl "C" w/18% salt & 50 sx Cl "C" cmt contg 2% CaCl₂. WOC 39 hrs. Drld out cmt. Press tested perfs to 1000#, press leaked off. RIH w/ FBRC, set @ 1391' & pumped into perfs 1620-21' @ 1400#. Cmt squeezed perfs 1620-21' w/ 200 sx Cl "C" cmt contg 9/10 of 1% Latex, 1/4# cello bled off. RIH w/ FBRC, set @ 1391', had flow back from perfs. Cmt squeezed perfs 1620-21' w/200 sx Cl "C" cmt w/ 9/10 of 1% Latex, 1/4# Celloflake/sk & 2% CaCl₂. WOC. POH w/ FBRC. Drld out cmt to 1624'. Press tested squeeze job to 1000# for 30 mins. OK.

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

SIGNED <u>Jerry W. Schmidt</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>9/29/80</u>
Orig. Signed by Les Clements		
APPROVED BY <u>Oil & Gas Insp.</u>	TITLE	DATE

CONDITIONS OF APPROVAL, IF ANY:

- Circ sd off BP @ 2911', Rec BP. Cleaned & drld out hole to 3510'.
3. RIH w/ Lok-set pkr, on-off tool 1.78" ID recept, 1 jt tbg, sliding sleeve, 109 jts tbg, pkr set @ 3371'. On 8/29/80 swbd OH 3450-3510', 15½ BO, 19½ BW, small amt gas each swab run, POH w/ pkr RIH w/ bit, drld & CO to 3567', new PBD. POH w/ bit.
 4. RIH w/Lok-set pkr, on-off tool, 1 jt tbg, sliding sleeve, 109 jts 2-3/8" OD tbg, set pkr @ 3371', sliding sleeve @ 3333'. Set plug in on-off tool. Opened sliding sleeve. In 7 hrs swbd 0 BO, 20 BW, no gas (9/5/80).
 5. Treated Jalmat Yates down csg/tbg. Displaced csg w/ 16,000 cu ft nitrogen, pmpd into formation w/ 34,000 cu ft nitrogen, 1000 gals 15% Mod-202 acid w/ additives using 120,000 cu ft nitrogen, flushed w/20,000 cu ft nitrogen. SIP 30 mins 250#. In 14 hrs SICP 150#, SITP 100#, swbd back load. Opened csg to pit @ 157 MCFG. Closed sliding sleeve @ 3333'. Produced Jalmat thru csg @ 528 MCFGD.
 6. Pulled plug @ 3370'. Swbd L-M 7 Rivers 6 hrs, rec 4 BO, 50 BW, gas not measured. Acidized L-M Zone OH 3450-3575' w/3000 gals 15% HCL-NE acid in 2 stages using 250# BAF 250# rock salt in 8 BW, flushed w/15 bbl 2% KCL water. In 10 hrs swbd 22 BO, 71 BW.
 7. Ran pump & rods for L-M zone. On 24 hr test pmpd L-M OH 3450-3575', 63 BO, 66 BW, 19 MCFG, GOR 302:1. On 24 hrs potential test 9/24/80 flwd Jalmat perfs FARO 315 MCFG. Final Report-Jalmat. On 24 hr test 9/30/80 pmpd 7 Rivers Queen 128 BO, 65 BW & 26 MCFG, GOR 203:1.
- FINAL REPORT.

OCT 15 1980