

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-79

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

1a. Indicate Type of Lease
State Fee

5. State Oil & Gas Lease No.
S-NM157

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 GAS WELL OTHER

2. Name of Operator **ARCO Oil and Gas Company**
Division of Atlantic Richfield Company

3. Address of Operator
Box 1710, Hobbs, New Mexico 88240

4. Location of Well
UNIT LETTER E 1980 FEET FROM THE North LINE AND 858 FEET FROM
THE West LINE, SECTION 7 TOWNSHIP 22S RANGE 36E N.M.P.M.

7. Unit Agreement Name

8. Farm or Lease Name
State 157 "B"

9. Well No.
4

10. Field and Pool, or Wildcat
Jalmat Yates 7R

15. Elevation (Show whether DF, RT, GR, etc.)
3600.1' GR

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 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 checked="" type="checkbox"/> Prod Csg	OTHER <u>Log, Perforate, Acidize & Complete</u> <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.

Fin drlg 7-7/8" hole to 4000' @ 5:45 PM 1/5/80. Ran DLL, CNL, FDC, CBL. RIH w/5 1/2" OD 15.5# K-55 csg, set @ 4000'. FC set @ 3958'. Cmtd 5 1/2" OD csg w/800 sx BJ Lite w/5# salt, 5# Gilsonite & 1/2# celloflake followed by 250 sx Cl C cmt, 5# salt. PD @ 4:00 PM 1/7/80. Circ 150 sx cmt to pit. Cmtd circ to surf. WOC. Ran CBL 2956' to surf. Ran bit to 3871' OK. Pressure tested csg to 1000# 30 mins OK. Perf'd 5 1/2" csg w/1 JSPF 3587, 92, 94, 97, 3636, 45, 49, 52, 60, 63, 68, 3671, 79, 84, 86, 88, 92, 96, 3700, 02, 28, 37, 60, 62, 65, 68, 72, 74, 3776, 82, 84, 86, 3852, 62, 64, 66, 68' = 37 .49" holes. RIH w/pkr on 2-7/8" tbg, set pkr @ 3494'. Acidized perfs 3587-3868' w/4700 gals 15% NE-HCL acid, flushed w/30 bbls 2% KCL wtr. In 3 hrs swbd 3 BO & 51 BLW. Frac treated perfs 3587-3868' w/40,000 gal frac fluid using 20,000 gals CO2 & 84,000 gal 10/20 sd in 3 equal stages using 250# rock salt & 250# B AF as diverter. Flushed w/ 20 bbls 2% KCL wtr & 10 bbls CO2. In 3 hrs flwd 61 BLW, no oil on 16/64" ck, TP 650-220#. 14 hr SITP 850#. In 10 hrs flwd 17 BO & 104 BLW on 32/64" ck. TP 850-75#. POH w/pkr & tbg, RIH w/compl assy. On 24 hr potential test 4/6/80 pmpd 22 BO, 86 BW & 42 MCFG on 13/48" spm. GOR 1909:1. Final Report.

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

SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 4/9/80
APPROVED BY [Signature] TITLE Geologist DATE _____
CONDITIONS OF APPROVAL, IF ANY: