

NEW MEXICO OIL CONSERVATION COMMISSION

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AUG 25 1975

5a. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. 647
7. Unit Agreement Name
8. Farm or Lease Name Empire Abo Unit "E"
9. Well No. 381
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

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.

O. C. C.

ARTESIA, OFFICE

WELL  GAS WELL  OTHER

Name of Operator

Atlantic Richfield Company

3. Address of Operator

P.O. Box 1710 - Hobbs, New Mexico 88240

4. Location of Well

UNIT LETTER C 2475 FEET FROM THE West LINE AND 1155 FEET FROM  
 THE North LINE, SECTION 35 TOWNSHIP 17S RANGE 28E NMPM.

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

3683.8' GR

12. County

Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

- PERFORM REMEDIAL WORK
- TEMPORARILY ABANDON
- PULL OR ALTER CASING
- OTHER
- PLUG AND ABANDON
- CHANGE PLANS

SUBSEQUENT REPORT OF:

- REMEDIAL WORK
- COMMENCE DRILLING OPNS.
- CASING TEST AND CEMENT JOB
- OTHER Core, DST, Run prod csg & cmt, Perf, Treat, & Complete.
- ALTERING CASING
- PLUG AND ABANDONMENT

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.

Drilled 7-7/8" hole to 6075' on 7-25-75 and commenced coring.  
 Core #1, 6075-85' rec 9'. Dolomite clean to shaley, Gray dense to light, Vugs & fractures  
 Core #2, 6085-93', rec 8'. Dolomite clean to shaley, Gray dense to light, Vugs & fractures.  
 Core #3, 6093-6102', rec. 5'.  
 Core #4, 6102-35', rec 14'.  
 Reamed hole to 7-7/8" from 6075-6135'. Run DST #1 Abo 6135-6110'. Opened tool @ 11:00 AM 7-28-75.  
 Flwd to pit 2 hrs & test tank 4 hrs. Rec 66 BO & 39.3 MCFG in 4 hrs. GOR 595:1. IFP 113#, FFP 742#, 50 mins FSIP 1306#, BHT 116° F. Rev oil from DP. Laid down test tool, commenced drlg 7-7/8" hole @ 2:30 AM 7-29-75.  
 Core #5. 6210-6221'. Rec. 11'. Dolomite, Gray Dense to light, Vugs & Fractures.  
 Core #6. 6221-6244'. Rec. 23'.  
 Core #7. 6244-6262'. Rec. 18'.  
 Finished drlg to TD 6385' on 8-2-75. Ran Dual Laterolog 6378-5378', RXO Log 6390-5380'. Ran 5 1/2" OD 14#, K-55 csg w/FS on bottom & FC @ 6344', csg set @ 6385'. DV collar @ 4391'. Cmtd 1st stage w/600 sx Cl C 50/50 Pozmix. Plug down @ 2:00 AM 8-4-75 w/1200 PSI. Opened DV tool @ 4391' & circ out 50 sx. WOC. Pmpd 900 sx Halliburton light contg' 8# salt per sk & 100 sx Class "C" cmt w/8# salt per sk. Circ 150 sx to pit. Plug down w/2700# PSI @ 10:00 AM 8-4-75. WOC 72 hrs. Rigged up reverse unit & drld out cmt and DV tool, lowered bit to PBD 6339'. Pressure tested csg to 1000# for 30 mins. Tested OK. Ran GR Neutron log from 5700-6338'.

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. Supervisor DATE 8-13-75  
 APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE AUG 26 1975  
 CONDITIONS OF APPROVAL, IF ANY:

Per'd w/2 JSPF from 6236.5'-6239.5' and 6244-6264'-46 holes. Ran 2-3/8" tbg and 5 1/2" Lok-set  
pkr and on-off tool, set pkr @ 6139'. Trtd perfs 6236.5-6264' w/4000 gals 15% HCL IASTNE Acid  
paraffin solvent mixture, MP 3500#, ATP 2700# @ 4.5 BPM, ISIP vacuum. Swbd & flwd well 6  
hrs & rec. 12 BLO, 94 BNO & 30 BIW. On 21 hr potential test 8-11-75, flowed Abo perfs  
6236.5'-6264' 712 BO, 0 BW 414 MCFG on 48/64" ck, FTP 185# for a calculated rate of 814 BO,  
0 BW, 473 MCFG. Completed a oil well in Empire Abo Unit. Final Report.