

NEW MEXICO OIL CONSERVATION COMMISSION

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5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
B-2071-17

SUNDRY NOTICES AND REPORTS ON THE O.C.C. ARTESIAN OFFICE  
DO NOT USE THIS FORM FOR PERMITS TO DRILL OR TO RE-OPEN OR RE-ENTER RESERVOIR.  
USE APPLICATION FOR PERMIT TO DRILL (FORM C-101) FOR SUCH PURPOSES.

1.  OIL WELL  GAS WELL  OTHER

2. Name of Operator  
Atlantic Richfield Company

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

4. Location of Well  
UNIT LETTER P 330 FEET FROM THE South LINE AND 660 FEET FROM  
THE East LINE, SECTION 27 TOWNSHIP 17S RANGE 28E N.M.P.M.

7. Unit Agreement Name  
Empire Abo Pressure Maintenance Project

8. Farm or Lease Name  
Empire Abo Unit "D"

9. Well No.  
36

10. Field and Pool, or Wildcat  
Empire Abo

11. Elevation (Show whether DF, RT, CR, etc.)  
3678' RKB

12. County  
Eddy

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 JOB <input type="checkbox"/>	OTHER <u>Cmt Waterflow behind 5 1/2" Csg</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.

RU 3/6/77. Kld well, inst BOP. POH w/completion assy. RIH w/BP & pkr, set BP @ 4012', found hole in 5 1/2" OD csg @ 1525'. Spotted 3 sx sd on top of BP & POH w/pkr. Ran CBL, indicated TOC @ 2610'. RIH w/cmt retr, set retr @ 1218'. Cmtd hole in 5 1/2" OD csg @ 1525' w/2000 sx Cl H cmt w/ 2% CaCl followed by 2000 sx Cl H Neat cmt. MP 2000#. Ran temp survey, indicated TOC @ 150'. DO cmt retr @ 1218', no cmt squeeze. RIH w/cmt retr, set @ 1095'. Squeeze hole in csg @ 1525' w/ 250 sx Hal Light cmt cont'g 6% gel followed by 250 sx Cl C 3% CaCl. MP 1200#. RO 10 sx cmt. WOC. DO cmt & cmt retr @ 1095'. Had wtr flow thru csg @ 1525'. RIH w/cmt retr, set retr @ 1425'. SO hole in 5 1/2" OD csg @ 1525' w/300 sx Cl H Thik-mix cmt. MP 1200#. WOC. Drld retr @ 1425' & cmt to 1530'. Wtr flwg from csg hole @ 1525'. RIH w/5 1/2" cmt retr, set retr @ 1139'. Squeezed hole in csg @ 1525' w/450 sx Cl C cmt cont'g 12% gel, 2% CaCl & 5# gilsonite/sk. MP 3000#, Final 2200#. RO 12 sx cmt. WOC. Drld cmt retr @ 1139' & cmt to 1600'. Press tstd 5 1/2" csg to 500# 30 mins OK. CO hole to 4012' RBP. Rec RBP @ 4012' & POH. WIH w/KVL-30 pkr, SN on 2-3/8" OD EUE J-55 tbg, set pkr @ 6110'. Swbd to clean out & test. Reset pkr @ 6073'. Trtd Abo perms 6180-6225' w/2000 gals 15% HCL-xylene mixture 50/50 flushed w/18 BLC. MP 1780#, Min 130#, ISIP 1550#, vac in 15 mins. Swbd & flwd acid wtr to clean up. Trtd Abo perms 6180-6225' w/8000 gals DAD acid. MP 1500#, ISIP 1400#, vac in 11 mins. Swbd & flwd to clean up. On 24 hr potential test 6/3/77 flwd 124 BO, 0 BW & 94 MCFG, 80# FTP on 48/64" ck, GOR 758:1. 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 6/10/77

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II DATE JUN 15 1977

CONDITIONS OF APPROVAL, IF ANY: