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NEW MEXICO OIL CONSERVATION COMMISSION

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JAN 3 1979

O. C. C.
ARTESIA, OFFICE

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No. 647-349, 647-351	

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER-		7. Unit Agreement Name Empire Abo Pressure Maintenance Project
2. Name of Operator Atlantic Richfield Company		8. Farm or Lease Name Empire Abo Unit "H"
3. Address of Operator P. O. Box 1710, Hobbs, New Mexico 88240		9. Well No. 294
4. Location of Well UNIT LETTER <u>M</u> <u>1200</u> FEET FROM THE <u>South</u> LINE AND <u>700</u> FEET FROM THE <u>West</u> LINE, SECTION <u>33</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> N.M.P.M.		10. Field and Pool, or Wildcat Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.) 3666.2' GR		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 checked="" type="checkbox"/> Prod Csg	OTHER Log, Treat & Complete <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 6300' TD 11/13/78. Ran GR-DLL w/RXO, GR-Neutron, GR-FDC-CNL w/GR & Caliper & Sonic VDL logs. RIH w/5-1/2" OD 15.5# K-55 csg, set @ 6300'. Cmtd 5-1/2" csg in 2 stages. 1st stage cmtd 5-1/2" OD csg w/400 sx Lite wt cmt, 10# 20/40 sd, 5# 100 mesh sd & 200 sx Thik-set cmt cont'g 2% CaCl. BP @ 2:45 PM 11/15/78. Op DV tool @ 3005', circ 60 sx cmt to pit. Cmtd 2nd stage w/800 sx Lite wt cmt, 8#/sk salt & 100 sx Cl C cmt cont'g 2% CaCl. BP @ 8:30 PM 11/15/78. Circ 75 sx cmt. Cmt circ to surf. WOC 60 hrs. DO cmt & DV tool @ 3005', circ hole clean. Press tested csg to 1500# 30 mins. Drld cmt to 6255'. POH w/bit. Ran CBL 6235-4100'. RIH w/tbg OE, set @ 6231'. Spotted 150 gals 20% acetic acid 6231'. RO acid. Perf Abo 6216-6238' w/2 JSPF. RIH w/Lok-set pkr, SN & 2-3/8" OD EUE tbg, set OE @ 6109', pkr @ 6105' SN @ 6104'. Acidized Abo perfs w/150 gal acid, 1000 gal CaCl wtr, 1000 gal gelled LC, 1500 gal 15% NE-LST acid. Flushed w/24 BO. In 8 hrs swbd 24 BO & 31 BW. Acidized perfs 6216-6238' w/3000 gal 15% NELST acid, flushed w/18 bbls 2% KCL wtr. In 7 hrs swbd 13 BO & 73 BW, good blow of gas. In 3 hrs swbd 5 BO & 3 BW. Treated perfs 6216-6238' w/1000 gal gelled LC, 8000 gal 75/25 15% LST-HCL acid/xylene, flushed w/18 BLO. In 9 hrs swbd 81 BO & 35 BW. On 24 hr potential test 12/23/78 flwd 192 BO, 0 BW & 181 MCFG on 48/64" ck, 70# FTP. GOR 943:1. Final Report.

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

SIGNED W.A. Gressett TITLE Dist Drlg Supt DATE 12/29/78
APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JAN 4 1979
CONDITIONS OF APPROVAL, IF ANY: