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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form CA-103
Revised 10-1-78

RECEIVED

MAY 8 1979

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
647-368 647-363, 647-320

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO OPEN OR PLUG BACK TO A DIFFERENT WELL. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

O.C.C.
ARTESIAN OFFICE

OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
Name of Operator	Empire Abo Pressure Maintenance Project
Division of Atlantic Richfield Company	8. Farm or Lease Name
Address of Operator	Empire Abo Unit "F"
P. O. Box 1710, Hobbs, New Mexico 88240	9. Well No.
Location of Well	373
UNIT LETTER <u>E</u> <u>1820</u> FEET FROM THE <u>North</u> LINE AND <u>150</u> FEET FROM	10. Field and Pool, or Wildcat
THE <u>West</u> LINE, SECTION <u>35</u> TOWNSHIP <u>17S</u> RANGE <u>28E</u> N.M.P.M.	Empire Abo
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
3679.3' GR	Eddy

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☒	Production ☒
OTHER <u>Log, Perf, Treat & Complete</u> ☒	

7. 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.

Encountered water flow while drilling 7-7/8" hole @ approx 1710' ARO 14 BPH. Finished drlg 7-7/8" hole to 6350' @ 9:45 AM 3-11-79. Ran GR-DLL w/RXO & GR CNL-FDC w/GR & Caliper. RIH w/5-1/2" OD 15.5# K-55 csg set @ 6344'. FC @ 6302', SC @ 3004'. Cmdt 5-1/2" OD csg 1st stage w/650 sx Lite wt cmt w/2% CaCl & 200 sx RFC. PD @ 6:15 PM 3-12-79. Opened SC @ 3004', no cmt circ. Relsd press on 5-1/2" csg, had small flow back, small flow fr 8-5/8" OD csg. Closed SC tool @ 3004'. WOC 72 hrs. RIH w/bit, drld SC @ 3004'. Press to 750#, bled off, 100# in 20 sec. no flow back. Ran bit to 6096'. TOC, drld cmt rubber & plug 6096-6250', drld cmt to 6301'. Ran CBL 6291 to surf. Good cmt fr 6291 to SC @ 3004'. TOC @ 1900' fr surf. RIH w/full bore cement-er to 3041', tested csg below SC w/1800#, OK. Set @ 2971, pmpd into SC collar w/1 BPM @ 1500#. Found leak 1373-1403'. RIH w/cmt retr, set retr @ 2908', pmpd 250 gals 15% acid. Cmdt csg w/50 sx Cl C Cmt, 4% gel followed by 50 sx Cl C Cmt, 3# salt/sk, 2% CaCl. Rev out 9 sx cmt. WOC. RIH w/cmt retr, set @ 1271', cmdt hole in csg thru retr w/350 sx RFC followed by 100 sx Cl C Cmt w/3# salt/sk, 2% CaCl. Rev out 10 sx cmt. WOC. RIH w/bit, drld out cmt & cmt retr @ 1271'. Press tested squeeze job to 1500# for 2 mins, bled back 350# in 2 mins. RIH w/cmt retr, set retr @ 1240'. Cmdt hole in csg w/50 sx Cl C Cmt Contg 4% gel, followed w/50 sx Cl C Cmt Contg 2% CaCl, 3# salt/sk. Rev out 4 sx cmt. WOC. Drld out cmt & cmt retr @ 1240'. Press tested squeeze job to 1500# for 30 mins. OK. Drld out cmt & retr @ 2908'. Press tested csg to 1500# for 30 mins. OK. Ran bit to 6301'. OK. Ran CBL 3200' to surf. OK. Perfd Abo 6234-6242'

(Continued on back of sheet)

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

EMED <u>[Signature]</u>	TITLE <u>Dist. Drlg. Supt.</u>	DATE <u>5-7-79</u>
PROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR, DISTRICT II</u>	DATE <u>MAY 10 1979</u>
CONDITIONS OF APPROVAL, IF ANY:		

17. w/2 JSPF. RIH w/pkr on 2-3/8" tbg set pkr @ 6116', tbg @ 6123'. SITP 240#. In 6-1/2 hrs flwd 64 BO, 3 BW on 3/4" ck, FTP 75#. On 24 hr potential test 5-3-79 flwd 151 BO, 0 BW, 153 MCFG, FTP 60# on 41/64" ck, GOR 1013:1. Final Report.