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NEW MEXICO OIL CONSERVATION COMMISSION

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

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SEP 17 1975

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.)

5a. Indicate Type of Lease State ☒ Fee ☐
5. State Oil & Gas Lease No. 647
7. Unit Agreement Name
8. Farm or Lease Name Empire Abo Unit "G"
9. Well No. 311
10. Field and Pool, or Wildcat Empire Abo
12. County Eddy

1. OIL WELL ☒ GAS WELL ☐ OTHER- ARTESIA, OFFICE
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 J 1430 FEET FROM THE East LINE AND 1350 FEET FROM THE South LINE, SECTION 33 TOWNSHIP 17S RANGE 28E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3665' GR

16. 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 ☐

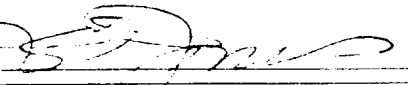
SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER Core, DST, Log, Run Prod Csg, Cmt ☒
Perf, acidize & complete

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.

Finished drlg 7-7/8" hole to 5897' on 8/8/75. Cut Core #1 5897-5933'. Rec 35' Dolomite, anhydrite, fractures, vuggy. Core #2 5933-5957', rec 11' Dolomite, anhy, fractures, vuggy. Drld to 6027' & conditioned hole for DST #1 6002-6027' (Abo). No water cushion. Surf ck 1", bottom ck .75". Tool opened 2:00 PM w/good blow. GTS in 3 mins. Oil to surface in 7 mins. 2 hrs flowed oil ARO 940 BPD, gas 439 MCFPD. Closed tool @ 4:30 PM. IHMP 2909, IF 740, FF 1236, FSI 1445, FHMP 2909. Completed 7-7/8" hole to 6360' TD @ 9:00 PM 8/15/75. Ran Dual Laterolog-GR 5700-6360', Micro Laterolog Compensated 995-6360', GR-Neutron 5350-6360'. Ran 5 1/2" OD 14# K-55 csg w/FS & FC & DV tool. FC @ 6325'. DV tool @ 4000'. Csg set @ 6360'. Cmt 5 1/2" csg 4000-6360' w/700 sx 50/50 Pozmix Cl C cont'g .6% CFR-2, 2% gel, 8# salt. PD @ 9:30 AM 8/17/75. Opened DV tool, circ 6 hrs (210 sx cmt). Cmt thru DV tool @ 4000' w/960 sx HOWCO light cmt cont'g 8# salt followed by 100 sx Cl C cont'g 8# salt. PD @ 5:05 PM 8/17/75. Circ 200 sx cmt. WOC 48 hrs. Drld out DV tool @ 4000' & tested 5 1/2" csg to 1000# for 30 mins. Tested OK. Spotted 100 gals 10% acetic acid 6123-6223'. Ran Gamma Ray Collar log 5800-6320'. Perf'd Abo 6210-6223' w/2 JSPF (27 - .45" holes). Ran tbg & pkr. Set pkr @ 6218'. Trtd Abo perfs 6210-6223' w/4000 gals 15% HCL LSTNE acid w/paraffin solvent 50/50 ratio. MP 3000#, Min 2000#, ISIP 1500#, 7 mins vac. Swbd perfs 6210-6223' 9 1/2 hrs, rec 12 BLO, 12 BNO & 76 BLW. Ran CBL 4813-6313'. Good cmt bond thru reef. Set cmt retr @ 6180'. Squeezed perfs 6210-6223' w/125 sx Cl C cmt cont'g .6% Halad 9, followed by 75 sx Cl C cont'g 10# sd/sk. MP 4000#. RO 60 sx cmt. Circ hole w/2% KCL cont'g 10 gal B-615. Spotted 75 gals 15% acetic acid 6045-6120'. (cont'd on attached page 2.)

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

SIGNED 

TITLE Dist. Drlg. Supv.

DATE 9/15/75

APPROVED BY 

TITLE SUPERVISOR, DISTRICT II

DATE SEP 30 1975

CONDITIONS OF APPROVAL, IF ANY:

Form C-103
Empire Abo Unit #G-311
Page 2

POH w/cmt retr. Perf'd Abo 6106-6118' (25 - .48" holes.) Ran tbg & pkr. Set pkr @ 6031'. Trtd Abo 6106-6118' w/3000 gals 15% HCL-LSTNE/xylene (50/50 ratio). MP 3500#, Min 2800#, ISIP 1900#. Vacuum in 3.5 mins. Swbd Abo 6106-6118' 9½ hrs, rec 12 BLO, 9 BNO & 36 BLW. Flwd Abo 84 hrs, rec 79 BNO & 19 BLW on 32/64" ck. Acidized Abo perfs 6106-6118' w/4000 gals DAD (50/50 ratio, 15% xylene). MP 4200#, Min 3200#, ISIP 600#. Vac in 2 mins. Swbd Abo perfs 6106-6118' 4 hrs, rec 25 BLW, 23 BLO, 12 BNO. Flwd Abo 6106-6118' 20½ hrs, rec 34 BLW & 407 BNO on 32/64" ck, TP 85#. On 24 hr potential test 9/5/75 well flwd 410 BO & 7 BW on 32/64" ck. FTP 130#. GOR 480:1. Final Report, New Empire Abo Unit Oilwell.