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NEW MEXICO OIL CONSERVATION COMMISSION

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APR 29 1977

O. C. C.
ARTESIA, OFFICEForm C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

SUNDRY NOTICES AND REPORTS ON WELLS
DO NOT USE THIS FORM FOR PRODUCTIONS TO BE LIFTED UP TO CHILDREN OR PUMP BACK TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO PRODUCE OIL FOR OTHER PURPOSES.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

1. Name of Operator
Atlantic Richfield Company

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

3. Location of Well
UNIT LETTER **M** **1249** FEET FROM THE **South** LINE AND **50** FEET FROM
THE **West** LINE, SECTION **33** TOWNSHIP **17S** RANGE **28E** NMPM.

4. Elevation (Show whether DF, RT, GR, etc.)
3671.4' GL

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
647-349 647-351

7. Unit Agreement Name
Empire Abo Pressure Maintenance Project

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

9. Well No.
293

10. Field and Pool, or Wildcat
Empire Abo

12. County
Eddy

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ REMEDIAL WORK ☐ ALTERING CASING ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐ OTHER ☐ CASING TEST AND CEMENT JOBS ☒ Prod Csg

OTHER Log, DST, Perforate, Acidize & Complete ☒

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.

Fin drlg 7-7/8" hole to 6379' @ 9:00 PM 3/31/77. Ran CNL-FDC, DLL-RXO, GR-N & Sonic logs. DST #1, Abo. Pkr set 4380-4405'. Op tool, no flow to surf. DST #2, Abo. Pkr set 5486-5511'. Op tool, no flow to surf. DST #3, Abo. Pkr set 5970-5995'. Op tools @ 12:30 PM, started flow test @ 2:30 PM, flwd 1 hr, oil rate 689 BOPD, gas rate 350 MCFPD, GOR 510:1. FTP 140#. Sep press 90#. Closed tool @ 3:30 PM 4/3/77. Set pkr @ 5920-5945' for DST #4, Abo. Op tool @ 4:15 PM, flwd 2.7 MMCPPD, no fluid. DST #5, Abo. Pkr set 6150-6175'. Op tool @ 6:43 PM, flwd to pit til 10:43 PM, well failed to flow, fluid to surf in 4 hrs. Closed tool 15 min SI. Rel pkrs, RO 70 BO & 60 BDM to pit. Ran 5 1/2" OD 15.5# K-55 csg, set @ 6378', FC @ 6344' & DV tool @ 5007'. Cmdt 5 1/2" OD csg in 2 stages as follows: 1st stage, pmpd 10 bbls SAM-4 spacer, 25 BFW, 300 sx 50:50 Pozmix Cl C cmt cont' 2% gel, 8# salt/sk, 6/10 of 1% CFR-2 & 5#/sk gilsonite. Bumped plug w/1200# @ 11:30 PM 4/4/77. Op DV tool & circ out 45 sx cmt to pit. 2nd stage, pmpd 50 BFW, 950 sx Hal lite cont'g 8# salt/sk, followed by 100 sx Cl C w/8# salt/sk. PD @ 6:30 AM. Circ 64 sx to pit. Closed DV tool w/3200#. WOC. DO DV tool @ 5007'. Ran GR Corr log 6337-5800'. Perf'd Abo 6132-6142' w/2 JSPF. RIH w/Lok-set pkr on 2-3/8" OD EUE tbg, set pkr @ 6023', btm tbg @ 6058'. Trtd Abo perfs w/250 gals 15% HCL-LSTNE-FE acid. MP 1500#, Min 0#, ISIP 400#, vac in 3 mins. Swbd Abo 6132-42' 1 1/2 hrs, rec 20 BLO & 4 BLW. Trtd Abo 6132-42' w/250 gals 2% KCL wtr, followed by 1000 gals 15% HCL acid. MP 1500#, Min 160#, ISIP 500#, 1 min vac. Trtd Abo perfs 6132-42' w/3000 gals 15% HCL-xylene mixture 50:50, flushed w/12 BLC. MP 1400#, Min 0#, ISIP vac. On 24 hr potential test 4/23/77 flwd 737 BO, 5 BLW & 383 MCFG on 48/64" ck, FTP 140#, GOR 520:1. Final Report.

8. 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 4/28/77

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT H DATE MAY 2 1977

CONDITIONS OF APPROVAL, IF ANY: