

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-103
Revised 10-1-78

JAN 18 1980

SUNDRY NOTICES AND REPORTS ON WELLS

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

O. C. D.
ARTESIAN OFFICE

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

647

7. Unit Agreement Name
Empire Abo Pressure
Maintenance Project

8. Farm or Lease Name

Empire Abo Unit "I"

9. Well No.

24

10. Field and Pool, or Wildcat

Empire Abo

15. Elevation (Show whether DF, RT, GR, etc.)

3680' GR

12. County

Eddy

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY ABANDON ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☐

PULL OR ALTER CASING ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOBS ☐

OTHER Squeeze, Complete Lower in Reef & ☒

Treat

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 10/25/79. Killed well, installed BOP, POH w/tbg & pkr. Ran GR-CCL, CO to 6205' PBD. Set cmt retr @ 6050'. Squeezed Abo perms 6103-6118' w/100 sx C1 C cmt w/.6% Halad-9 followed by 50 sx C1 C cmt w/2% CaCl. RO 90 sx cmt. Spotted 4 sx cmt on top of retr. Ran CBL-CCL, TOC @ 3365'. Perf'd 5 1/2" csg 2520-2522'. RIH w/cmt retr, set @ 2470'. Cmt squeezed perms 2520-2522' w/830 sx C1 C cmt cont'g 2% CaCl. Circ to surf. Circ 20 sx cmt to pit. Drld cmt retr 2470-72', cmt to 2522'. Press tstd squeeze job to 1500#, lost 275# in 15 mins. Set retr @ 2468'. Cmt squeezed perms 2520-22' w/200 sx C1 C w/2% CaCl. RO 5 sx cmt to pit. WOC 24 hrs. Drld retr & cmt. Press tested squeeze job to 1500# 30 mins OK. Drld cmt retrs @ 6046' & 6052'. Drld 60' cmt to 6118'. Pressure tested squeezed perms 6103-6118' w/1500# 30 mins OK. Perf'd Abo lower in reef 6186-6196' w/2 JSPF. RIH w/pkr, set pkr @ 6137'. Treated perms 6186-6196' w/48 bbls gelled LC, 36 bbls 15% HCL-LSTNE-FE acid, flushed w/26 BLC. Swbd back load. Swab 9 hrs, rec 52 BO & 21 BW. On 24 hr test 1/10/80 pmpd Abo perms 6186-96', 33 BO, 0 BW & 8 MCFG, GOR 242:1. 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 1/17/ 80

APPROVED BY [Signature]

TITLE SUPERVISOR, DISTRICT #

DATE JAN 18 1980

CONDITIONS OF APPROVAL, IF ANY: