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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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MAR - 9 1978

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-OPEN OR RE-ENTER A DIFFERENT RESERVOIR.
SEE APPLICATION FOR PERMIT TO DRILL OR RE-OPEN FOR SUCH PROPOSALS.

O. G. O.

ARTESIA, OFFICE

5a. Indicate Type of Lease

State ☒

Fee ☐

5. State Oil & Gas Lease No.

B-2071

7. Unit Agreement Name

Empire Abo Pressure

Maintenance Project

8. Unit of Lease Name

Empire Abo Unit "H"

9. Well No.

331

10. Field and Pool, or Wildcat

Empire Abo

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

3658.4' GR

12. County

Eddy

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERMANENTLY PLUG ☐

PLUG AND ABANDON ☐

REMEDIAL WORK ☐

ALTERING CASING ☐

TEMPORARILY PLUG ☐

COMMENCE DRILLING OPNS. ☒

PLUG AND ABANDONMENT ☐

RE-ENTER ☐

CHANGE PLANS ☐

CASING TEST AND CEMENT JOB ☒

OTHER ☐

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.

Spudded 11" hole @ 6:30 PM 2-23-78. Finished drlg to 600' @ 6:30 AM 2-24-78. Ran 8-5/8" OD 8rd 24# K-55 ST&C csg, set csg @ 600' w/FC @ 510'. Cmtd 8-5/8" csg w/200 sx Cl "C" cont'g 4% gel, 6#/sk salt, 2% CaCl, 1/4#/sk flocele, followed by 100 sx Cl "C" cont'g 6#/sk salt & 2% CaCl. PD & bumped w/1500# @ 10:15 AM 2-24-78. Circ 20 sx to pit. Cmt circ to surf. WOC 8 hrs. Press tested csg to 1000# for 30 mins. Tested OK. The following compressive strength criterion is furnished for cmt'g by option 2 of the OCC Rules & Regulations:

- Volume of cmt slurry was 334 cu.ft. of Cl "C" cont'g 4% gel, 6#/sk salt, 2% CaCl, 1/4#/sk flocele followed by 132 cu.ft. Cl "C" cont'g 6#/sk salt & 2% CaCl.
- Approximate temperature of cmt slurry when mixed was 70° F.
- Estimated minimum formation temperature in zone of interest was 66° F.
- Estimate of cmt strength @ time of csg test was 1425# psig.
- Actual time cmt in place prior to starting test was 8 hrs.

Begin drlg 7-7/8" hole @ 10:45 PM 2-24-78.

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

SIGNED

TITLE Dist. Drlg. Supt.

DATE 2-28-78

APPROVED BY

TITLE SUPERVISOR, DISTRICT II

DATE MAR 14 1978

ONE COPY, IF ANY