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U.S.G.S.

LAND OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-100
Supersedes Old
C-100 and C-101
Effective 1-1-83

5a. Indicate Type of Lease

State ☒Fee ☐

5. State Oil & Gas Lease No.

B-1535

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.)1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER: WATER INJECTION2. Name of Operator
Conoco Inc.3. Address of Operator
P. O. Box 460, Hobbs, New Mexico 882404. Location of Well
UNIT LETTER H, 1980 FEET FROM THE NORTH LINE AND 660 FEET FROM
THE EAST LINE, SECTION 1 TOWNSHIP 21-S RANGE 36-E NMPM.

7. Unit Agreement Name

EUMONT HARDY UNIT

8. Farm or Lease Name

EUMONT HARDY UNIT

9. Well No.

32

10. Field and Pool, or Wildcat

EUMONT YATES 7 RVRS

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

12. County

LEA

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 ☐PLUG AND ABANDON ☐
CHANGE PLANS ☐OTHER SURFACE WATERFLOW REPAIR ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐
OTHER ☐ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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 1703.)

RECOMMENDED PROCEDURE: (REPLACES PROCEDURE APPROVED BY NMOCD

1. MIRU. SI well.

2. Install BOP, POOH w/tubing and packer.

3. RIH w/5-1/2" packer and pick up 2-7/8" workstring, set packer @ 2500', load the back side w/TFW, and pressure the tubing-casing annulus to 1000 psi. Try to pump into production/intermediate casing annulus at 1500 psi. If rate of 1 BPM or higher is attained, run tracer survey down the tubing while injecting down the casing/casing annulus. If slug continues down, follow slug of at least 10 MCI at least to 1360' to determine the depth of the waterflow.

If a rate of less than 1 BPM is obtained, continue to pump fresh water for approximately 1 hr, or until 70 bbls have been pumped. This will dissolve a salt bridge in the event there is one.

If water cannot be pumped down annulus, go to step 6.

(OVER)

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

SIGNED: Wm A. ButcherTITLE Administrative SupervisorDATE 10/17/83ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISORDATE OCT 20 1983

7. If fluid is pumped past the casing shoe of the intermediate, rig up cements and cement between the casings w/ 20% Class 'C' w/ 18% salt mixed w/ 6.3 gals fresh water/sack.
8. Tail in w/ 272 sxs Class 'C' w/ 2% CaCl₂ mixed w/ 6.3 gals fresh water/sack. Pressure and rate should be recorded during cementing and sent to the division office.
9. Displace cement slurry w/ fresh water through the wellhead. Do not displace cement in the casings annulus. Close the intermediate casing valve SION. POOH w/ working & packer.
6. If the casing annulus will not take water at a rate sufficient (3/4 BPM) to pump cement, the following should be done:
 - A. POOH w/ packer and working.
 - B. GIH w/ perforating gun 4" centralized 90° phasing w/ .44 EHD hollow carrier.
 - C. Perforate the following w/ 2 JSF - 1365' & 1364'.
 - D. POOH w/ perforating gun.
 - E. Check for water flow.
 - F. RIH w/ RBP and retainer & set RBP @ 2500', test to 1500 psi and spot 2x sand on top, set retainer @ 1200'.
 - G. Circulate 272 sxs Class 'H' cement w/ 2% CaCl₂ mixed @ 16.4 lbs/gal through parts.
 - H. Displace cement below ~~packer~~ w/ 9 bbls TFW. Close csg valve after pumping 20 bbls and squeeze away. Flush wellhead with fresh water to clear valve.
 - I. Shut in for 30 min.
 - J. Pull out of retainer. Pull up 100' and reverse out 20 bbls TFW. Shut in for 24 hrs.
 - K. Sting back into retainer and see if squeeze holds to 600 psi. POOH w/ tubing. Resqueeze if necessary.
 - L. GIH w/ 4-3/4" bit & working. Drill out cement and pressure test squeeze to 600 psi. POOH w/ bit and working.
 - M. RIH and retrieve RBP. POOH w/ RBP & working.
7. RIH w/ tubing and 5-1/2", 17# Baker AD-1 tension packer.
8. Circulate packer fluid down annulus, set packer @ +3430' and top off casing. Rig down (61 bbls).
9. Place well on injection.

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