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5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
B-1535

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☐ DEEPEN ☐ PLUG BACK ☒		7. Unit Agreement Name
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐		8. Farm or Lease Name State F-1
2. Name of Operator CONOCO INC.		9. Well No. 10
3. Address of Operator P. O. Box 460, Hobbs, N.M. 88240		10. Field and Pool, or Wildcat Hardy FabbB1By
4. Location of Well UNIT LETTER ☒ LOCATED 330 FEET FROM THE South LINE AND 1650 FEET FROM THE West LINE OF SEC. 1 TWP. 21S RGE. 36E NMDM		11. County Lea
19. Proposed Depth 6340' PBD		19A. Formation Blinebry
21A. Kind & Status Prop. Bond Blanket		21B. Drilling Contractor NA
22. Approx. Date Work will start August 5, 1986		23. History or C.T. NA

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
Casing design in hole will not change					

- MIRU, POOH w/ prod. equip. Scrape 7" csq to 6450'. Run junk basket to 6450'. Set CIBP @ 6375' and run CCH log. Dump 35' cmt on CIBP.
- Spot 14 bbls 15% HCL-NE-FE from 6205' - 5862'. GIH and perf w/ 1 JS PF @ 5862', 5866', 83', 99', 5909', 16', 22', 41', 52', 73', 89', 6084', 92', 96', 99', 6197', 6201', 6205'.
- Set pkr @ 5700' and load backside w/ completion fluid. Acidize perfs w/ 35 bbls 15% HCL-NE-FE acid and flush w/ 53 bbls Completion Fluid. Swab.
- A decision to squeeze lower Blinebry or sand frac will be made after swab tests. A sqz procedure will follow if lower Blinebry is non-commercial.
- Rel pkr @ 5700' and spot 5 bbls 15% HCL-NE-FE from 5814' - 5706'. Run GR-CCH log. Perf w/ 1 JS PF @ 5706', 10', 13', 15', 28', 32', 36', 57', 62', 75', 78', 85', 87', 94', 99', 5804', 11', 5814'. Set RBP @ 5835' & pkr @ 5550'. Acidize perfs w/ 36 bbls 15% HCL-NE-FE acid and flush w/ 53 bbls Completion Fluid. Swab.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed _____ Title _____ Administrative Supervisor Date 7-30-86

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE AUG 1 1986

CONDITIONS OF APPROVAL, IF ANY:

NMOCO-Hobbs

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- bbls 15% HCL-NE-FE and flush w/43 bbls completion fluid. Swab.
- ⑥ After swabbing, a decision will be made whether to sand frac or sqz the Upper Blinbry. If lower Blinbry sqz'd off, then a procedure to sand frac Upper Blinbry will be submitted. The following is for two stage sand frac.
- ⑦ Reset RBP @ 6250' & pkr @ 5550'. Load backside w/ completion fluid.
- ⑧ Pump 71 bbls gelled fluid pad, Pump 24 bbls gelled fluid w/ 1 lb/gal 20/40 sand.
- ⑨ Pump 118 bbls gelled fluid w/ 2 lbs/gal 20/40 sand, pump 191 bbls gelled fluid w/ 3 lb/gal 20/40 sand.
- ⑩ Pump 71 bbls gelled fluid pad, Pump 24 bbls gelled fluid w/ 1 lb/gal 20/40 sand.
- ⑪ Pump 118 bbls gelled fluid w/ 2 lb/gal 20/40 sand, Pump 191 bbls gelled fluid w/ 3 lbs./gal 20/40 sand.
- ⑫ Flush just below pkr @ 5550' w/ 33 bbls gelled fluid and shut-in overnight. Swab back load wtr & clean out any sand fu
- ⑬ Rel RBP @ 6250'. G1H w/ prod. equip. & place on test. Rig down.

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