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5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
E-5896-1

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ 2. Name of Operator CONOCO INC. 3. Address of Operator P. O. Box 460, Hobbs, N.M. 88240 4. Location of Well UNIT LETTER N LOCATED 790 FEET FROM THE South LINE AND 2265 FEET FROM THE West LINE OF SEC. 31 TWP. 23S RGE. 34E NMPM 19. Proposed Depth 8465' PBD 21. Elevations (Show whether D.F., K.I., etc.) 3617' GL 21A. Kind & Status Plug. Bond Blanket 21B. Drilling Contractor Not available Yet 22. Approx. Date Work will start December 20, 1986		7. Unit Agreement Name 8. Farm or Lease Name Bell Lake Unit 9. Well No. 11 10. Field and Pool, or Wildcat Wildcat Cherry Canyon 17. County Lea 19A. Formation Cherry Canyon 20. Rotary or C.T. -	
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PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	48#	1272'	1000 SXS CMT	CIRC.
7 7/8"	5 1/2"	17#	8906'	old - 475 SXS CMT New - 742 SXS CMT	old TOC @ 7440' New TOC @ 6000' ±

- ① MIRV. POOH w/ pump. Kill well w/ 100 bbls 9.0 ppg brine. POOH w/ tbg. Run bit & scraper to 8500'. Set CIBP @ 8500'. Spot 4 sxs class "H" cmt on top of CIBP (TOC @ 8465' approx.)
- ② Shoot 4 holes in production csq @ 7400'. Previous TOC behind prod. csq was 7440'. Set pkr @ 7370'. Open bradenhead valve and establish circ. Release pkr & shoot 4 holes @ 6000'. POOH. 61H w/ pkr & drill pipe, set pkr @ 6050'
- ③ Establish circ. w/ 9# brine down drill pipe & out perfs @ 7400'; in. perfs @ 6000' and up csq/drill pipe annulus. Pump 742 sxs class "H" cmt & displace w/ 62 bbls of 9# brine. Pull pkr up to 6040' & apply 820 psi to tbg & shut-in over night.
- ④ Release pkr & POOH. Run CBH, CCH & GR logs from 7370' to 6000'. Spot 3 bbls MCA acid from 6800' - 6840'. Perf from 6805' - 6810' w/ 2 JS PF (12 shots) (cont.)

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 *[Signature]* Title Administrative Supervisor Date 11-11-86

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE NOV 13 1986

CONDITIONS OF APPROVAL, IF ANY:

NMOCO-Hobbs(3)
File

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