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5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
B-1536

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 ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒		8. Farm or Lease Name State E
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 Langley Devonian Langley Strawn
4. Location of Well UNIT LETTER O LOCATED 660 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 17 TWP. 21S RGE. 36E NMPM		12. County Lea
19. Proposed Depth 12700'		19A. Formation Devonian Strawn
20. Rotary or C.T. —		21. Elevations (show whether DT, RT, etc.) 3556' GL
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor —
22. Approx. Date Work will start September 26, 1986		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
	No	Casing	Change		

- ① MIRU, 61H w/ chemical cutter & cut off tulpipe @ 14,500'. Load Devonian tbq w/ 9 ppg brine to kill well. Release Devonian tbq @ 12,365' & POOH.
- ② Pick up on Ellenburger tbq to sheer & release pkr @ 12,365'. Sting back into pkr @ 12,740' & pump 30 sxs Class "H" w/ 2% CaCl₂. Flush w/ 75 bbls 9lb brine
- ③ Est TOC @ 15,100'. POOH w/ Ellenburger tbq & pkr @ 12,365'. Dump 6sxs Class "C" on pkr @ 12,740'. Est TOC @ 12,700'. Run bit & scraper to 12,650'
- ④ Set permanent pkr @ 12,200'. Set RBP @ 9550' & test to 1000psi. Pump 20b 15% HCL-NE-FE down tbq to pickle, displace w/ 35 bbls brine. Dump 2sxs sand on R
- ⑤ Spot 15 bbls 15% HCL-NE-FE from 9450'-9150'. Run GR-CLL from 9500'-9000' Perf @ 9171'-77', 9189', 9198', 9253'-57', 9273'-79' & 9450'-54' w/ 2 JSF.
- ⑥ Set pkr @ 9050'. Pump 100 bbls 15% HCL-NE-FE, flush w/ 60 bbls TFW. Swab. 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 *Paul Kautz* Title Administrative Supervisor Date 8-18-86

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE **AUG 21 1986**

CONDITIONS OF APPROVAL, IF ANY:

NMOLD-Hobbs(3)
File

- ⑦ Swab test zones @ 9273'-79', 9253'-57', 9178'-98', & 9450'-54'. IF any or all zones are non-productive a cmt sqz will follow. Rel RBP @ 9226' & pkr @ 9150'.
- ⑧ Run Devonian tbg & sting into pkr @ 12200'. A dual pkr will be set @ 9100'. Run strawn tbg & sting into pkr @ 9100'.
- ⑨ Acidize Devonian from 12409'-12639' w/ 50 bbls 15% HCL-NE-FE. flush w/ 50 bbls TFW. Swab.
- ⑩ Rig down. A completion sketch is attached.