

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. LC-062749 (c)	
b. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR CONOCO INC.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 460, Hobbs, N.M. 88240		8. FARM OR LEASE NAME Thompson	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FNL & 660' FEL At proposed prod. zone		9. WELL NO. 5	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT East Mason Delaware	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)		11. SEC., T., R., MT. OR BLK. AND SURVEY OF AREA Sec. 18, T-26S, R-32E	
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40 acres		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3200' GR (est.)		22. APPROX. DATE WORK WILL START* October 1, 1982	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE 12 1/4" 7 7/8"	SIZE OF CASING 8 5/8" 5 1/2"	WEIGHT PER FOOT 24# 15.5#	SETTING DEPTH 1775' 4600'
QUANTITY OF CEMENT 872sx - Circulate 827sx - Circulate			

It is proposed to drill a straight hole to a TD of 4600' and complete it as an East Mason Delaware oil well.

See attachments for 10 point well plan and 13 point Surface Use Plan.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED <u>Wm D. Butterfield</u>		TITLE Administrative Supervisor		DATE July 29, 1982	
(This space for Federal or State office use)					
PERMIT NO. <u>1982</u>		APPROVAL DATE			
APPROVED BY <u>George M. ...</u>		TITLE		DATE	
CONDITIONS OF APPROVAL, IF ANY:					

*See Instructions On Reverse Side

U.S. GEOLOGICAL SURVEY
WASHINGTON, D.C. 20508
JUL 30 1982