

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. USA NM 30398
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR MERIDIAN OIL INC.			7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 21 DESTA DRIVE, MIDLAND, TX 79705			8. FARM OR LEASE NAME CAVINNESS FEDERAL
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1,980' FNL & 1,980' FWL At proposed prod. zone 8,900'			9. WELL NO. 4
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20 MILES NW HOBBS, NM			10. FIELD AND POOL, OR WILDCAT MESCALERO ESCARPE
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)		16. NO. OF ACRES IN LEASE 240	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 11, T18S, R33E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	12. COUNTY OR PARISH LEA
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,012' GR		19. PROPOSED DEPTH 9,000'	13. STATE NM
20. ROTARY OR CABLE TOOLS ROTARY		22. APPROX. DATE WORK WILL START* February 15, 1986	

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	550'	Circ. to surface
11"	8 5/8"	24# - 32#	3,200'	
7 7/8"	5 1/2"	15.5# - 17#	9,000'	

Blowout preventor will consist of 3,000 psi WP test double gate preventor equipped with blind and pipe rams. A rotating head will be installed if required after the 8 5/8" casing is run.

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 Larry L. Mitchell TITLE Sr. Staff Engineer DATE 01/23/86
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 2-6-86
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

APPROVAL SUBJECT TO -
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED