

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECI
OFFICE FOR NUMBERS
OF COPIES REQUIRED
(Other instructions on
reverse side)

3D-025-31358
BLM Roswell District
Modified Form No.
NM060-3160-2

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. LC-030181A	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <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 P.O. Box 51810, Midland, TX 79710-1810			8. FARM OR LEASE NAME Rhodes GSU	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface N, 1780' FWL & 660' FSL At proposed prod. zone			9. WELL NO. 28	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 5 miles South of Jal			10. FIELD AND POOL, OR WILDCAT Rhodes Yates-Seven Rivers	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 460'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T-26-S, R-37-E	
16. NO. OF ACRES IN LEASE 5480			12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 120			13. STATE New Mexico	
18. DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3780'			20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 3100'			22. APPROX. DATE WORK WILL START* Upon Approval	
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) 2974.3' GR				

23. PROPOSED CASING AND CEMENTING PROGRAM Capitan Controlled Water Basin

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	K-55	STC	400'	250 sxs - Circ
7-7/8"	4-1/2"	11.6#	K-55	LTC	3100'	850 sxs - Circ

Non-Standard 120 acre gas proration Unit.

Unorthodox Location - Topography Conditions. This location cannot be moved further north or east as there is a pipeline and a sunken area at a regular location.

CASING AND CEMENTING:

Drill 12-1/4" hole to 400', Set 8-5/8" csg @ 400'. Cmt w/250 sx Class C cmt, Circ to surf.
Drill 7-7/8" hole to 3100', Set 4-1/2" csg @ 3100'. Cmt w/850 sx Class C cmt, Circ to surf.

MUD PROGRAM:

0-400' fresh water gel & lime; 400'-3100' salt water w/MW 9.8-10.2, no abnormal pressures or temperatures expected.

BOP PROGRAM:

10" 3M BOP stack to be installed on 8-5/8" csg and left for remainder of drilling. Stack to consist of blind ram BOP, and one pipe ram BOP. Test BOP's using an independent tester after setting the 8-5/8" csg.

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 Maria L. Perez TITLE Production Asst. DATE 8-7-91

(This space for Federal or State office use)

PERMIT NO. 4 APPROVAL DATE 8-20-91

APPROVED BY APPROVAL SUBJECT TO TITLE DATE

GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

*See Instructions On Reverse Side