

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT LIVING  
OFFICE FOR NUMBER  
OF COPIES REQUIRED  
(Other instructions on  
reverse side)

30-025-31218  
BLM Roswell District  
Modified Form No.  
NM060-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>NM-12568-A</b>	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>Meridian Oil Inc.</b>		7. UNIT AGREEMENT NAME	
3a. AREA CODE & PHONE NO. <b>915-686-5600</b>		8. FARM OR LEASE NAME <b>Bondurant Federal</b>	
3. ADDRESS OF OPERATOR <b>21 Desta Dr., Midland, TX 79705</b>		9. WELL NO. <b>3</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>580' FNL &amp; 330' FEL</b> At proposed prod. zone <b>Same</b>		10. FIELD AND POOL, OR WILDCAT <b>West South Tonto (Bone Spring)</b>	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>9 miles southeast of Maljamar, NM</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec.01, T19S, R32E</b>	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>330'</b>		12. COUNTY OR PARISH <b>Lea</b>	
16. NO. OF ACRES IN LEASE <b>440</b>		13. STATE <b>NM</b>	
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>		20. ROTARY OR CABLE TOOLS <b>Rotary</b>	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>1070'</b>		21. APPROX. DATE WORK WILL START* <b>01 June 1991</b>	
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) <b>3697' GR.</b>			

23. PROPOSED CASING AND CEMENTING PROGRAM <b>Capitan Controlled Water Basin</b>						
HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24	K-55	STC	1500'	825 sx-Circ.
7-7/8"	5-1/2"	17	K-55	LTC	10,000'	1700 sx-Circ.

Drill 12-1/4" hole to 1500' & set 8-5/8" csg. Cmt w/825 sx-circulate.  
Drill 7-7/8" hole to 10,000' & set 5-1/2" csg. Cmt w/1700 sx-circulate.  
MUD PROGRAM: 0-1500' fresh water gel & lime; 1500'-10,000' saturated brine; mud up @9,000' w/starch (mud wgt of 9.8-10.2).  
BOP PROGRAM: 10"-3M BOP stack to be installed on 8-5/8" and left on for the remainder of the drilling. Stack to consist of an annular BOP, a blind ram BOP, and one pipe ram BOP. Test the BOP's using an independent tester after setting the 8-5/8".

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 *Robert L. Bradshaw* TITLE Sr. Staff Env./Reg. Spec. DATE 07 March 1991

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 4-10-91

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO

GENERAL REQUIREMENTS AND

SPECIAL STIPULATIONS

\*See Instructions On Reverse Side