

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONTACT RECEIVING
OFFICE NUMBER
OF COP. REQUIRED
(Other instructions on
reverse side)

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-030177-B	
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 C.W. Shepherd Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface K, 1980' FWL & 1930' FSL At proposed prod. zone		9. WELL NO. 9	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 miles South of Jal		10. FIELD AND POOL, OR WILDCAT Rhodes-Yates-7 Rvrs-Gas	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1930'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 5, T-26-S, R-37-E	
16. NO. OF ACRES IN LEASE 960'		12. COUNTY OR PARISH Lea	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2250'		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 3100'		22. APPROX. DATE WORK WILL START*	
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) 2979.7' 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	BTC	400'	250 sx-Circ
7-7/8	5-1/2	15.5	K-55	LTC	3100'	1000 sx-Circ

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" and left for remainder of drilling.

PROPOSAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

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 [Signature] TITLE Reg. Compliance Rep. DATE 10-15-91

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY _____ TITLE _____ DATE 11-18-91
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

RECEIVED

NOV 20 1991

HONOR OFFICE