

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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reverse side)

BLM Roswell District
Modified Form No.
NM060-3160-2

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

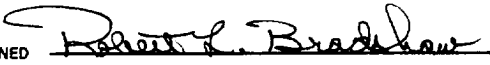
1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. LC-054668	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" 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	
3a. AREA CODE & PHONE NO. 915-686-5600		8. FARM OR LEASE NAME Farnsworth "4"	
3. ADDRESS OF OPERATOR 21 Desta Dr., Midland, TX 79705		9. WELL NO. 11	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 480' FNL & 990' FWL At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT Rhodes (Yates, 7 Rivers)	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T26S, R37E		12. COUNTY OR PARISH Lea	
13. STATE NM		14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3.4 miles southeast of Jal, NM	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 480'		16. NO. OF ACRES IN LEASE 640	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1300'	
19. PROPOSED DEPTH 3020'		20. ROTARY OR CABLE TOOLS This is a plug back.	
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) 2999' DF.		22. APPROX. DATE WORK WILL START* 8/24/90	

23. PROPOSED CASING AND CEMENTING PROGRAM

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#			331'	300 sx-Circ.
7-7/8"	5-1/2"	14#			3289'	250 sx-TOC
						2260'

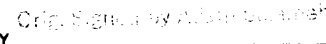
The present productive zone is the Queen (perforated 3216'-3241'). It was originally completed in 1961. PLANS: Set a CIBP at 3050' and dump bail 30' of cement on top by wireline. Proposed Yates perforations are 2790'-2920'. The top of the Yates is 2614' and the top of the Seven Rivers is 2857' by electric logs. Planned stimulation is 40,000 gallons of CO2 foam with 100,000# sand pumped through 2-7/8" tubing with a treating packer set @2700'.

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.  TITLE **Sr. Staff Env./Reg. Spec.** DATE **10 August 1990**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY  TITLE **PETROLEUM ENGINEER** DATE **8-14-90**
CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions On Reverse Side