

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONTACT RECD 1G  
OFFICE FOR NUM.  
OF COPIES 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 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"/>			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. 14	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 990' FSL & 660' FEL unit P 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	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 4.4 miles southeast of Jal, NM			13. STATE NM	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'		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. 1000'		19. PROPOSED DEPTH 3070'		20. ROTARY OR CABLE TOOLS This is a plug back.
21. ELEVATIONS (Show Whether DF, RT, GR, ETC.) 2985' GR.			22. APPROX. DATE WORK WILL START* 3/11/90	

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#	K-55	STC	355'	300 sx
7-7/8"	5-1/2"	14#	K-55	STC	3290'	250 sx

The present productive zone is the Queen (perforated 3328'-3260 w/5 shots). It was originally completed in 1961.

PLANS: Set a CIBP at 3100' and dump bail 30' of cement on top by wireline. Proposed Yates perforations are 2780'-2938'. The top of the Yates is 2636' and the top of the Seven Rivers is 2869' by electric logs. Planned stimulation is 40,000 gallons of CO2 foam with 55,000# sand pumped through 2-7/8" tubing with a treating packer set @2700'.

NOTE: The original plug back application was sent to the New Mexico Oil Conservation Division who subsequently approved it. The error was caught prior to submission of the recompletion report. This is being sent at the request of Shannon Shaw, BLM-Carlsbad, to complete the required paperwork.

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 prevention program, if any.

24. SIGNED Shannon Shaw TITLE Sr. Staff Env./Reg. Spec. DATE 02 August 1990

(This space for Federal or State office use)

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

APPROVED BY Orig. Signed by Adam Salameh TITLE PETROLEUM ENGINEER DATE 8-7-90  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side