

Submit to Appropriate  
District Office  
State Lease -- 6 copies  
Fee Lease -- 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells) 30-025-11938
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. LC-054668

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>			7. Lease Name or Unit Agreement Name Farnsworth 4		
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"/>			8. Well No. 12		
2. Name of Operator Meridian Oil Inc.			9. Pool name or Wildcat Rhodes (Yates Seven Rivers)		
3. Address of Operator 21 Desta Dr., Midland, TX 79705					
4. Well Location Unit Letter E : 890 Feet From The West Line and 1650 Feet From The North Line Section 4 Township 26 South Range 37 East NMPM Lea County					
10. Proposed Depth 2960'		11. Formation Yates		12. Rotary or C.T. Rotary	
13. Elevations (Show whether DF, RT, GR, etc.) 2987' GR., 2993' DF.		14. Kind & Status Plug. Bond Blanket		15. Drilling Contractor FWA Drilling Co.	
16. Approx. Date Work will start 22 February 1990					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	335'	300 sx	Surface
7 7/8"	5 1/2"	14#	3285'	300 sx	1600'

The present productive zone is the Queen (perforated from 3222'-3229' w/28 shots). It was originally completed in 1961.

PROPOSAL: Set CIBP @ 2990' and dump bail 30' of cmt on top by wireline. Planned Yates perforations are 2800'-2910'; top of Yates is 2619' and top of Seven Rivers is 2845' by electric logs. Planned stimulation is by using 40,000 gal. CO2 foam w/55,000# sand pumped through 2 7/8" tubing w/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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Robert L. Bradshaw TITLE Sr. Staff Env./Reg. Spec. DATE 2/02/90  
TYPE OR PRINT NAME Robert L. Bradshaw TELEPHONE NO. 915/686-5678

(This space for State Use) ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT I SUPERVISOR

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE FEB 08 1990  
CONDITIONS OF APPROVAL, IF ANY:

REPORT

FEB 5 1990

OCD  
MOBBS OFFICE