

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

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

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

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)
3D-025-32384
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. Lease Name or Unit Agreement Name BERTHA BARBER		
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>			8. Well No. 13		
2. Name of Operator Marathon Oil Company			9. Pool name or Wildcat MONUMENT-EUMONT		
3. Address of Operator P.O. Box 552 Midland, Tx. 79702			10. Proposed Depth 3700'		
4. Well Location Unit Letter N : 330 Feet From The SOUTH Line and 1980 Feet From The WEST Line			11. Formation EUMONT		
Section 32 Township 19S Range 37E NMPM LEA County			12. Rotary or C.T. ROTARY		
13. Elevations (Show whether DF, RT, GR, etc.) 3559'		14. Kind & Status Plug. Bond BLANKET-CURRENT		15. Drilling Contractor UNKNOWN	
16. Approx. Date Work will start 1-23-94		17. PROPOSED CASING AND CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP SURFACE
12-1/4"	8-5/8"	24#	+/- 1200'	560	1000'
7-7/8"	5-1/2"	15.5#	+/- 3700'	330	

TO DRILL & COMPLETE A 3700' EUMONT GAS WELL. BOPE FOR 12-1/4" SURF HOLE: 13-5/8" 3M ANNULAR PREVENTER USED AS A DIVERTER BOPE FOR 7-7/8" PRODUCTION HOLE: 13-5/8" 3M DOUBLE RAMS & 13-5/8" 3M ANNULAR.

R-576 320 Ac. S/2SW/4 of Sec 32-19-37, NW/4 & N/2SW/4 of Sec 5-20-37

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 T. B. Arnold TITLE DRLG. SUPT. DATE 1-05-94

TYPE OR PRINT NAME T. B. ARNOLD

TELEPHONE NO. 915/682-162

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ DATE JAN 14 1994

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

42-42-2

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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 11/11/2011 BY 60322