

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) 30 034-52031
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. A-2614

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 Newman State			
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Well No. 1			
2. Name of Operator Marathon Oil Company		9. Pool name or Wildcat Stateline <i>Ellenburger</i>			
3. Address of Operator P O Box 552, Midland, TX 79702					
4. Well Location Unit Letter <u>F</u> : <u>1874</u> Feet From The <u>north</u> Line and <u>1874</u> Feet From The <u>west</u> Line Section <u>32</u> Township <u>23-south</u> Range <u>38-east</u> NMPM Lea County					
10. Proposed Depth 12,500'		11. Formation Ellenburger	12. Rotary or C.T. rotary		
13. Elevations (Show whether DF, RT, GR, etc.) 3305.5'	14. Kind & Status Plug. Bond Blanket/Current	15. Drilling Contractor Unknown	16. Approx. Date Work will start 6-20-93		
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48	450'	500	Circulate
12-1/4"	8-5/8"	32	3500'	1750	Circulate
7-7/8"	5-1/2"	17.20	12,500'	2320	3300'

Well is a proposed 12,500' Stateline Ellenburger test. H2S safety & detection equipment will be operational by 450'. A stroke counter will be used during the entire well. A PVT & flow indicator will be operational by 3500'. Two Ellenburger conventional DST's are proposed. Blowout prevention equipment will be applied as follows: Surface Hole - 21-1/4" 2M annular as diverter. Intermediate hole - 13-5/8" 3M dual ram and annular w/ rotating head. Production hole - 11" 5M dual ram & annular. All BOPE will be installed & maintained according to NM Rule 109. All casing will be run & cemented according to Rule 107.

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 Cecil T. Pearce TITLE Drilling Superintendent DATE 6-09-93

TYPE OR PRINT NAME Cecil T. Pearce TELEPHONE NO 915/682-1626

(This space for State Use)

Orig. Signed by
Paul Hart
Geologist

APPROVED BY _____ TITLE _____ DATE JUN 14 1993

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval Date Unless Drilling Underway.