

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

SEP 16 1991

O. C. D.  
ARTESIA OIL FIELD

API NO. (assigned by OCD on New Wells)

26845  
31-15-8-2845

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.  
NM LG 1101

7. Lease Name or Unit Agreement Name

Shugart State Com "A"

8. Well No.

2

9. Pool name or Wildcat

Tamano Bone Spring

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator

Marathon Oil Company

3. Address of Operator

P. O. Box 552, Midland, TX 79702

4. Well Location

Unit Letter H : 1980 Feet From The north Line and 660 Feet From The east Line

Section 16 Township 18-S Range 31-E NMPM Eddy County

10. Proposed Depth 9000'  
11. Formation Bone Spring  
12. Rotary or C.T. rotary

13. Elevations (Show whether DF, RT, GR, etc.) 3680.5' GL  
14. Kind & Status Plug. Bond Blanket/Current  
15. Drilling Contractor Unknown  
16. Approx. Date Work will start October 1, 1991

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'	835	Circulate
12-1/4"	8-5/8"	24 & 32	2450'	800	Circulate
7-7/8"	5-1/2"	15.5 & 17	9100'	1550	

This well is intended to be drilled as a Bone Spring Second Carbonate oil well.  
All casing shall be run and cemented in accordance with regulations and by approved methods.

Blowout prevention equipment will be applied as follows: Surface hole; 13-5/8" 3M annular as diverter. Intermediate hole; 11" 3M annular preventer, 11" 3M dual ram preventer with 3M choke manifold, all equipment to be pressure tested after installation and prior to drilling out.

Post ID-1

10-1-91

New Line & API

REASON FOR 180 DAYS

BLANKET BOND 4/1/92

UNITS DRILLING UNDERWAY

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 S. L. Atnipp TITLE Drilling Superintendent DATE 9/12/91

TYPE OR PRINT NAME S. L. Atnipp TELEPHONE NO 915/682-162

(This space for State Use) ORIGINAL SIGNED BY MIKE WILLIAMS DATE OCT - 3 1991

APPROVED BY SUPERVISOR, DISTRICT II TITLE  DATE

CONDITIONS OF APPROVAL, IF ANY: