

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)

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.
LG-8600

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

7. Lease Name or Unit Agreement Name

Tonto "23"

8. Well No.

1

9. Pool name or Wildcat

North Air Strip-Bone Spring

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

Meridian Oil Inc.

3. Address of Operator

P. O. Box 51810, Midland, Texas 79710-1810

4. Well Location

Unit Letter B : 660 Feet From The North Line and 1980 Feet From The East Line

Section 23

Township 18-S

Range 34-E

NMPM

Lea

County

10. Proposed Depth

TD 13,350', PBTD 9865

11. Formation

Bone Spring

12. Rotary or C.T.

13. Elevations (Show whether DF, RT, GR, etc.)
3974' GR

14. Kind & Status Plug. Bond
Blanket

15. Drilling Contractor

16. Approx. Date Work will start
Upon Approval

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"	54.50#	413'	400 sxs	Surface
12-1/4"	9-5/8"	36#	3415'	1075 sxs	Surface
7-7/8"	7"	23#	11,800'	1230 sxs	TOC 6225'

Set CIBP at 9900'. Dump bail 35' of cement on top of CIBP. Perforate the 3rd Bone Spring Dolomite at 9681'-9692', 2 SPF, 24 holes, 9709'-9720', 2 SPF, 24 holes, 9736-9750', 2 SPF, 30 holes. Spot 200g of 15% NEFe HCL acid. Pull back packer to +9550'. Reverse remaining acid. Place 500 psi on the 2-7/8" x 7" annulus. Pump spot acid away and continue with 3600 gallons of 15% NEFe HCL acid. Space out 117 7/8" RCNBS throughout the job. Swab/flow test. TIH with +9850' of 2-7/8", 6.5#, N-80 tubing. Put on pump and test.

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 Maria L. Perez TITLE Production Asst.

DATE 7-10-91

TYPE OR PRINT NAME Maria L. Perez

TELEPHONE NO. 915-686-57

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

1991