

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

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

OIL CONSERVATION DIVISION

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

API NO. (assigned by OCD on New Wells)

30 025-31220

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-1824

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

Matador Operating Company

3. Address of Operator

801 S. Fillmore, Suite 460, Amarillo, TX 79101

7. Lease Name or Unit Agreement Name

Matador State 19

8. Well No.

1

9. Pool name or Wildcat Grayburg Jackson

(7 Rivers-Queen Grayburg San Andres)

4. Well Location

Unit Letter L : 1650 Feet From The South Line and 990 Feet From The West Line

Section 19 Township 16S Range 32E NMPM Lea County

10. Proposed Depth

4400'

11. Formation

Queen 7 Rivers Gray-

burg San Andres

12. Rotary or C.T.

Rotary

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

4376' GR

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

L&M Drilling

16. Approx. Date Work will start

May 1, 1991

17. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	32 lb.	400'	250 sx.	Surface
7-7/8"	5-1/2"	17 & 20 lb.	4400'	500 sx.	2000'

Drill surface hole with fresh water gel and lime slurry to about 400' and set 8-5/8" surface casing as indicated above, circulate cement to surface. Drill out from under surface casing with brine water to 4400' using lime for pH control. Set and cement 5-1/2" casing @ TD.

On the 11" casing must be
set 8-5/8" casing
and 5-1/2" casing
and 5-1/2" casing
and 5-1/2" casing

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

Les M. Carnes

TITLE

Executive Vice President

DATE

4-15-91

TYPE OR PRINT NAME

Les M. Carnes

TELEPHONE NO. 806-376-6583

(This space for State Use)

APPROVED BY

TITLE

DATE

APR 18 1991

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.