

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease \$4 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)

30-025-31037

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

VB-0382

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

8. Well No.

1

3. Address of Operator

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

9. Pool name or Wildcat

Corbin Wolfcamp, South

4. Well Location

Unit Letter E : 1980 Feet From The North Line and 660 Feet From The West Line

Section 28 Township 18S Range 33E NMPM Lea County

10. Proposed Depth

11,700

11. Formation

Wolfcamp

12. Rotary or C.T.

Rotary

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

3790' GL

14. Kind & Status Plug. Bond

Blanket

15. Drilling Contractor

Ziadrill, Inc.

16. Approx. Date Work will start

10-29-90

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 in. | 13-3/8 in. | 61 lb. | 370 ft. | 370 | Surface |
| 11 in. | 8-5/8 in. | 32 lb. | 2950 ft. | 1400 | Surface |
| 7-7/8 in. | 5-1/2 in. | 17 & 20 lb. | 11,700 ft. | 2000 | 4100 ft. |

- (1) Drill surface hole with fresh water spud mud to about 370' and set 13-3/8" surface casing as indicated above, circulate cement to surface.
- (2) Drill out from surface casing with fresh water mud to 1,400' using 2-3% oil to retard swelling of and bit drag in Red Beds. Add brine water below 1400' and to a depth of 2950' to prevent washout in salt sections. Set 8-5/8" intermediate casing at 2950' and circulate cement to surface.
- (3) Drill out from intermediate casing with fresh water (native) mud to a depth of 8500'. Mud up and displace fresh water with salt gel or cut brine mud system, drill to TD of 11,700' maintaining water loss at 8-12 cc/30 min. If productive, set 5-1/2" casing at TD and bring cement top to 4100' using DV tool.
- (4) BOP will be installed on 8-5/8" casing and tested (see attached).

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 10-05-90

TYPE OR PRINT NAME Les M. Carnes

TELEPHONE NO. 806/376-6583

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY: _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OCT 08 1990

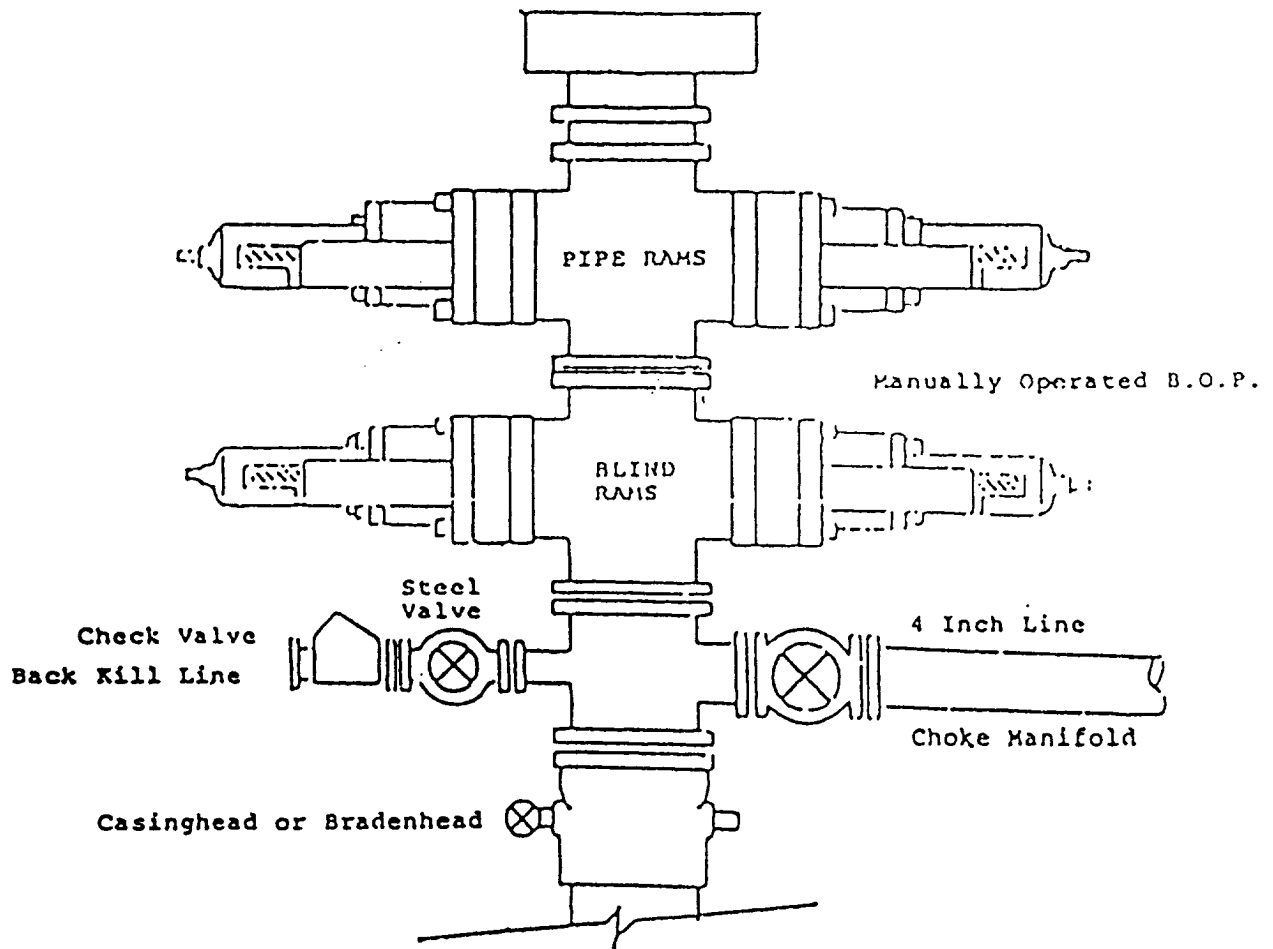
Permit Expires 6 Months From Approval
Date Unless Drilling Underway

RECEIVED

OCT 08 1990

CCB
HODGES OFFICE

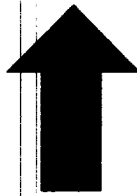
BOP DIAGRAM
RATED 30001



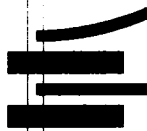
RECEIVED

OCT 08 1990

1000
HOBBS OFFICE



LTR



Job separation sheet

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Energy, Minerals and Natural Resources Department

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

| | | | | | |
|---|---------------------------------|----------------------|--------------------------------|---------------|--------------------------------|
| Operator MATADOR OPERATING CO. | | | Lease MATADOR STATE (28) | | Well No. 1 |
| Unit Letter E | Section 28 | Township 18 South | Range 33 East | County Lea | |
| Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the West line | | | | | |
| Ground level Elev. 3789.7 | Producing Formation Wolfcamp | | Pool Corbin Wolfcamp, South | | Dedicated Acreage: 80 Acres |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary).
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Les M. Carnes

Printed Name

Les M. Carnes

Position

Executive Vice President

Company

Matador Operating Company

Date

October 5, 1990

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

September 8, 1990

Signature & Seal of
Professional Surveyor

John W. West
Certification No. 676
RONALD J. EIGSON
NEW MEXICO
JOHN W. WEST
3239

125630

5

01 08 1990

OFFICE