

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
 DRILL DEEPEN

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
MATADOR OPERATING COMPANY

3. ADDRESS AND TELEPHONE NO.
415 W. Wall, Suite 1101, Midland, TX 79701 915/687-5955

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
660' FSL; 660' FWL
 At proposed prod. zone unit m

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
26 miles West of Hobbs, New Mexico

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660'

16. NO. OF ACRES IN LEASE 80

17. NO. OF ACRES ASSIGNED TO THIS WELL 80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. NA

19. PROPOSED DEPTH 11,500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3773' GL

22. APPROX. DATE WORK WILL START*
As soon as possible

5. LEASE DESIGNATION AND SERIAL NO.
NM 67993

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO. Federal Lek "28" Com#1

9. API WELL NO.

10. FIELD AND POOL, OR WILDCAT
Wolfcamp Corbin, South

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 28-T18S-R33E

12. COUNTY OR PARISH Lea 13. STATE NM

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8, H-40	48#	375'	See Below CIRCULATE
12-1/4	8-5/8, K-55	32#	2,950'	See Below } SEE STIPS.
7-7/8	5-1/2, N-80	17# & 20#	11,500'	See Below }

Corbin Controlled Water Basin

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

- 13-3/8" Csg: Circulate to surface with 400 sx Class "C" cement containing 2% CaCl² and 1/4#/sx cellophane flakes.
- 8-5/8" Csg: Circulate to surface casing with 1050 sx 65/35 poz, Class "C" containing 6% gel, 9 lbs/sx salt, 1/4#/sx cellophane flakes. Tail in w/ 250 sx Class "C" with 2% CaCl².
- 5-1/2" Csg: 1st stage cemented w/ 200 sx 50/50 poz, Class "C" containing 2% gel, .6% fluidless additive, 5#/sx salt. Two stage tool set at approximately 10,000' and cemented w/ 200 sx 50/50 poz, 2% gel, .6% fluid loss additive, 5#/sx salt.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Operations Manager DATE 3/17/92

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
 CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY _____ TITLE _____ DATE 4/28/92

*See Instructions On Reverse Side

DISTRICT I
 P. O. Box 1980
 Hobbs, NM 88240

DISTRICT II
 P. O. Drawer DD
 Artesia, NM 88210

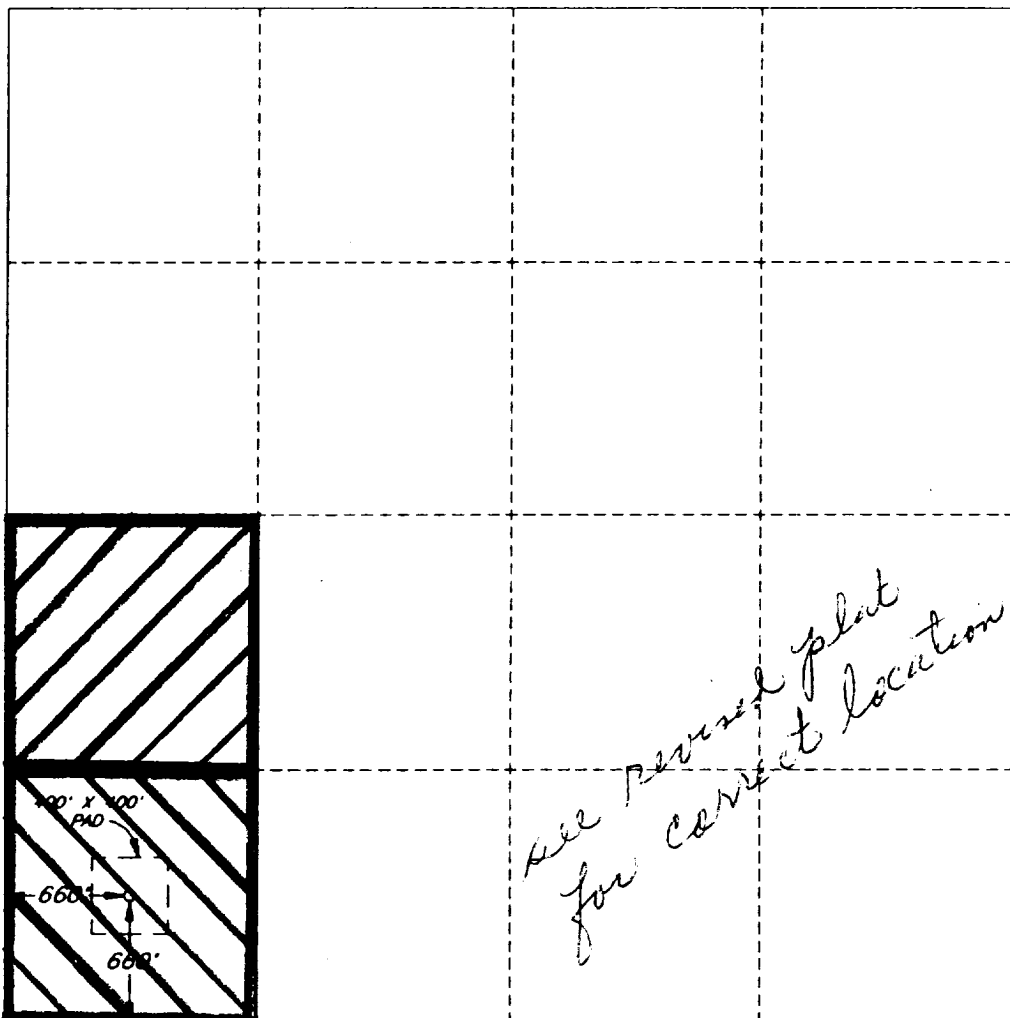
DISTRICT III
 1000 Rio Brazos Rd
 Aztec, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT
 All distances must be from the outer boundaries of the section

Operator MATADOR OPERATING CO.		Lease FEDERAL LEK "28" COM		Well No. 1
Unit Letter M	Section 28	Township 18-SOUTH	Range 33-EAST	County NMPM
Actual Footage Location of Well				
660' feet from the SOUTH line and		660' feet from the WEST line		
Ground Level Elev. 3773'	Producing Formation WOLFCAMP	Pool Wolfcamp CORBIN SOUTH	80 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
 - If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
 - If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitization, unitization, forced-pooling, etc.?
 - Yes No. If answer is "yes", type of consolidation _____
 - If the answer is "no", list the owners and tract descriptions which have actually been consolidated. (Use the reverse side of this form if necessary.) All W.I. owners have agreed to be communitized.
- 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 herein is true and complete to the best of my knowledge and belief.

Signature: *[Handwritten Signature]*

Printed Name: **R.F. (FRANK) BURKE**

Position: **Operations Manager**
 Company: **Matador Operating Company**

Date: **March 17, 1992**

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: **MARCH 9, 1992**

Signature and Seal of Professional Surveyor: *[Handwritten Signature]*

Certification: **LARRY W. BUSBY R.P.S. #11398**
 JOB #88870 V.H.B.

APPLICATION FOR PERMIT TO DRILL
MATADOR OPERATING COMPANY
FEDERAL LEK 28 COM #1
660' FSL; 660' FWL
SEC. 28-T18S-R33E
LEA COUNTY, NEW MEXICO

In conjunction with Form 3160-3, Application for Permit to Drill, Matador Operating Company submits the following items of pertinent information in accordance with Onshore Oil and Gas Order Nos. 1 & 2, and with all other applicable federal and state regulations.

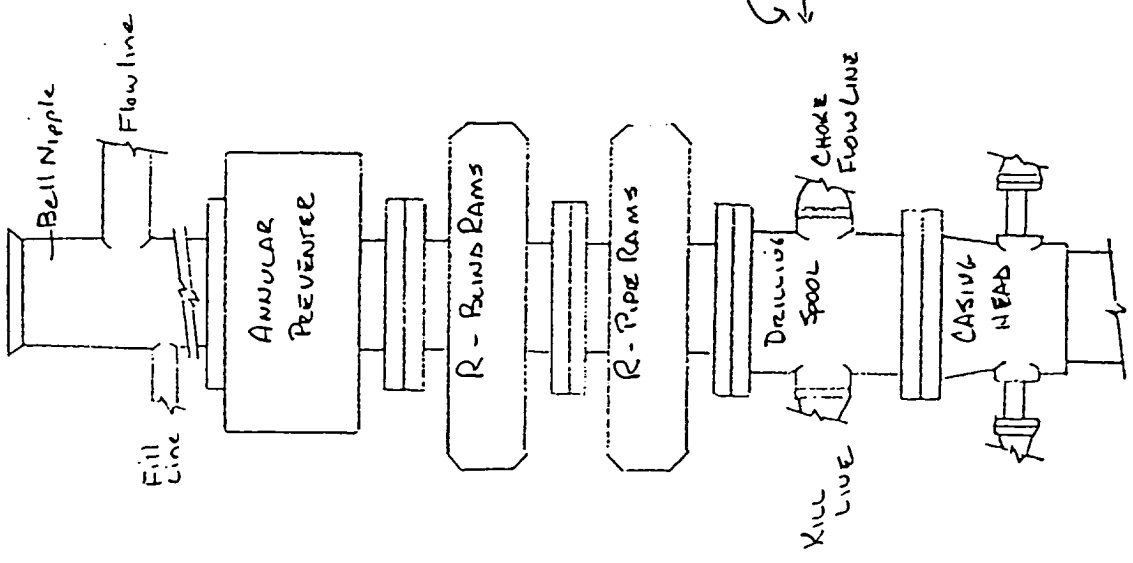
1. The geologic surface formation is of Permian age.
2. Estimated tops of geologic markers are as follows:

Queen	4,157'	Bone Springs	7,230'
Penrose	4,420'	Wolfcamp	10,450'
Delaware	5,027'		
3. The estimated depth at which water, oil, or gas formation are expected to be encountered:
 - * - water: 150' and 275'
 - ** - Oil or gas:

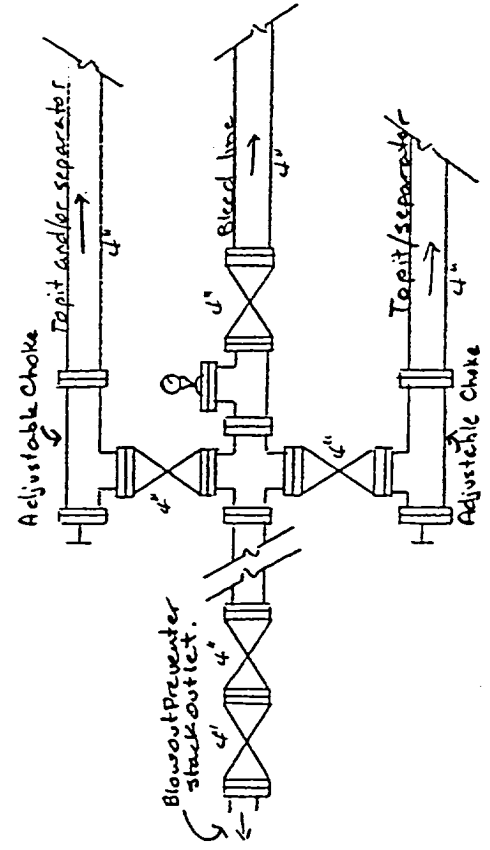
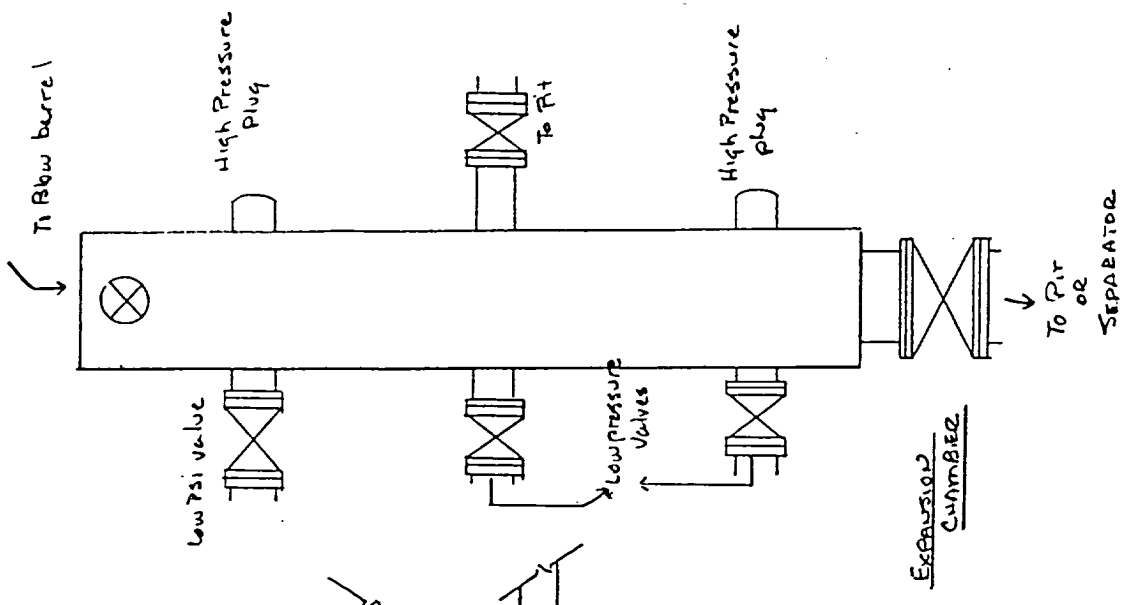
Penrose	4,420 - 4,450'
Delaware	5,027 - 5,150'
Bone Spring	7,230 - 10,100'
Wolfcamp	10,450 - 11,300'
 - * Ground water to be protected by 13-3/8" surface casing with cement circulated to surface.
 - ** Potentially productive horizons to be protected by 5-1/2" production casing with cement tied back to approximately 10,000' on bottom, and 7,600' on top of a 2-stage tool set at approximately 8,600'.
4. Proposed Casing Program: See form 3160-3 and Exhibit F.
5. Pressure Control Equipment: See Exhibit E.
6. Mud Program: See Exhibit G.
7. Auxiliary Equipment: Upper Kelly Cock, Lower Kelly Cock, Full Opening Stabbing Valve, Flow Sensor, PVT, Inside BOP.
8. Testing, Logging, and Coring Programs
 - DST's: 1 in Wolfcamp
 - Logging: 1-man mud logging unit from 4,100' to TD

EXHIBIT F

- BLOWOUT PREVENTER -
 MATADOR OPERATING CO.
 FEDERAL LEK "28" COM. #1
 660' FSL; 660' FWL
 SEC 28-T1B5 - R33AE
 LEA Co., N.M.



5000 PSI
 WORKING PRESSURE



4" x 5000 psi CHOKER MANIFOLD