

20-025-30032

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
 Maxus Exploration Company

3. ADDRESS OF OPERATOR
 P.O. Box 2530, Mills, Wyoming 82644

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 990' FSL 1,980 FWL SE/SW
 At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
 NM-19143

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal 24-34

9. WELL NO.
 #1

10. FIELD AND POOL, OR WILDCAT
 Antelope Ridge-ataka

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 34, T22S, R34E

12. COUNTY OR PARISH
 Lea

13. STATE
 New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 20 miles northeast of Jal, New Mexico.

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

16. NO. OF ACRES IN LEASE
 640'

17. NO. OF ACRES ASSIGNED TO THIS WELL
 320

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

19. PROPOSED DEPTH
 13,600'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3,396' GR

22. APPROX. DATE WORK WILL START*
 August 25, 1987

PROPOSED CASING AND CEMENTING PROGRAM

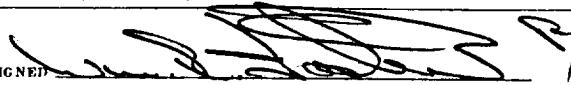
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	700'	Circulate to surface
12 1/4"	10 3/4"	51# & 35.5#	4,850'	Circulate to surface
9 1/2"	7 5/8"	29.7# & 33.7#	11,700'	780 sxs.
6 1/8"	5"	17.93#	13,600'	Circulate to liner top

BOP PROGRAM - 5000 psi Annular w/double ram to 11,700'.
 10000 psi annular w/double ram 11,700' - 13,600'

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 AUG 12 10 45 AM '87
 CARLETON RESOURCE AREA HEADQUARTERS

NSL-2381

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. 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.  Sr. Environmental & Regulation Engineer
 SIGNED _____ TITLE _____ DATE 8-10-87

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE 8/21/87
 APPROVED BY _____ TITLE _____ DATE 8/21/87
 CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

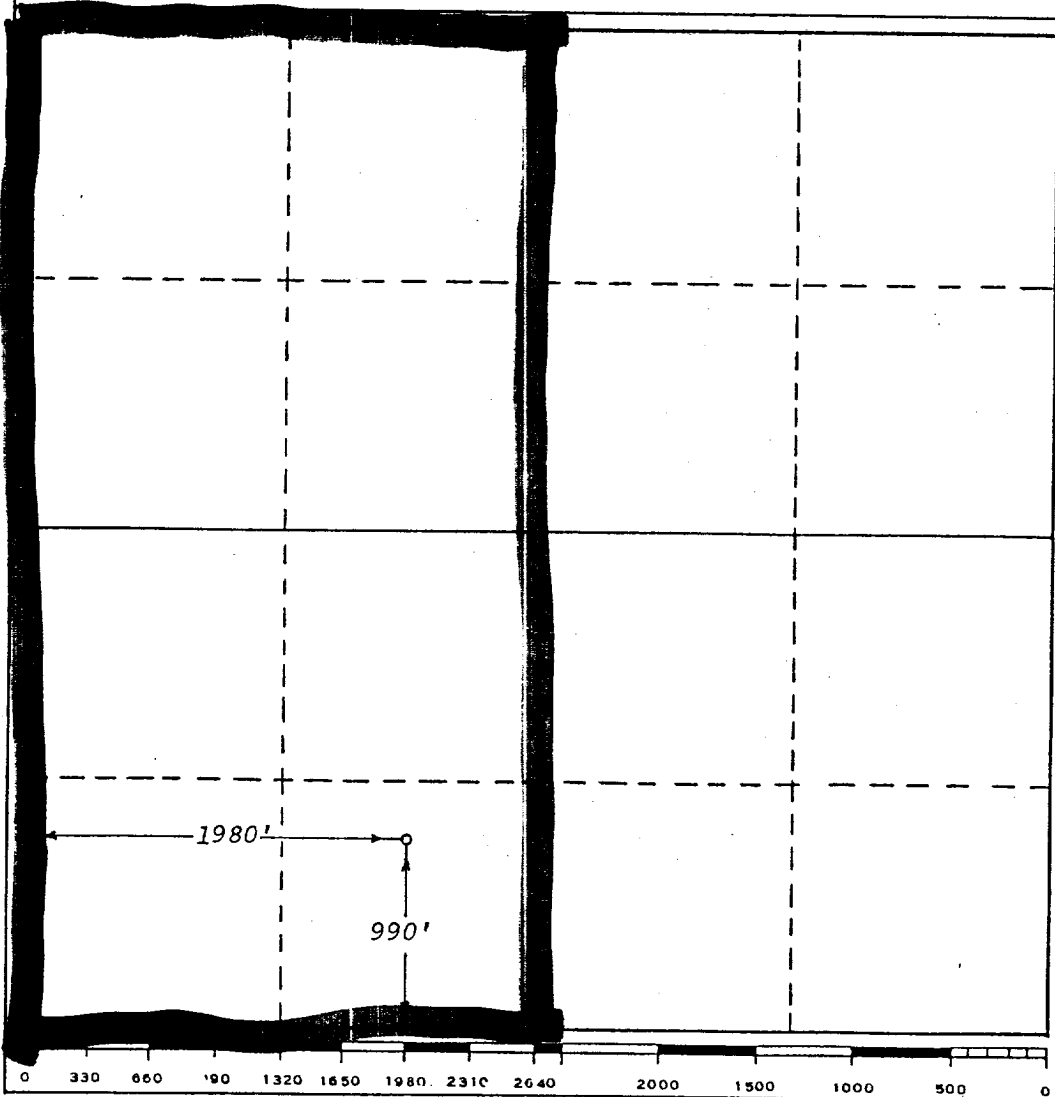
Operator MAXUS EXPLORATION CO.		Lease 24-34 FEDERAL 24-34		Well No. #1
Unit Letter N	Section 34	Township 22-S	Range 34-E	County LEA
Actual Footage Location of Well: 990 feet from the South line and 1980 feet from the West line				
Ground Level Elev. 3395	Producing Formation MORROW/ATOKA STS		Pool	Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests 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 interests, has been approved by the Commission.



CERTIFICATION

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

[Signature]

Name

Position

Company

Date

I hereby certify that the well location shown on this plot 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
July 30, 1987

Registered Professional Engineer and/or Land Surveyor

[Signature: Gary D. Boswell]

Certificate No. **6689**

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DRILLING PROGRAM

24-34 Federal #1
SE/SW, Sec. 34, T22S, R34E
Lea County, New Mexico

1. ESTIMATED FORMATION TOPS

<u>FORMATION</u>	<u>DEPTH</u>
Delaware Group	5,300'
Cherry Canyon	5,530'
Brushy Canyon	7,200'
Bone Springs	8,494'
Bone Springs #1	8,592'
Bone Springs #2	9,535'
Wolfcamp	10,489'
Strawn	11,812'
Atoka	12,085'
Upper Bank Atoka	12,114'
Lower Bank Atoka	12,201'
Atoka Shale	12,326'
Upper Morrow	12,785'
Middle Morrow	13,090'
Lower Morrow	13,580'
T.D.	13,600'

2. ESTIMATED DEPTH OF WATER, OIL, GAS, OR MINERALS

Gas & Oil: Gas and oil are expected in the Atoka and Morrow formations.

Water: Ground water is anticipated to approximately 500'. Some brachish water sand could possibly exist below this level, however the hydrostatic head of the drilling fluid will safely contain those waters within their formations.

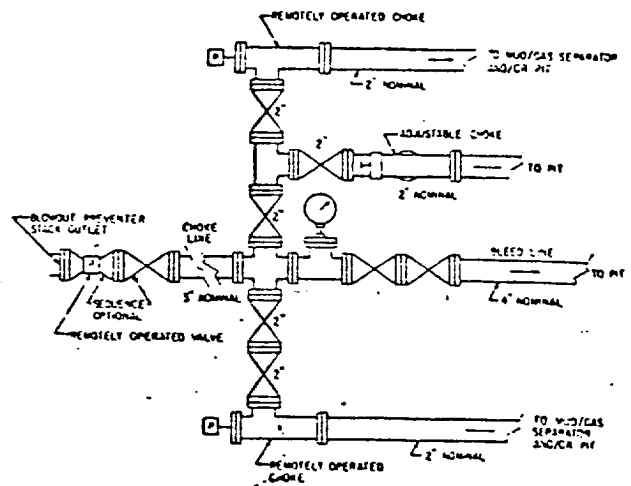
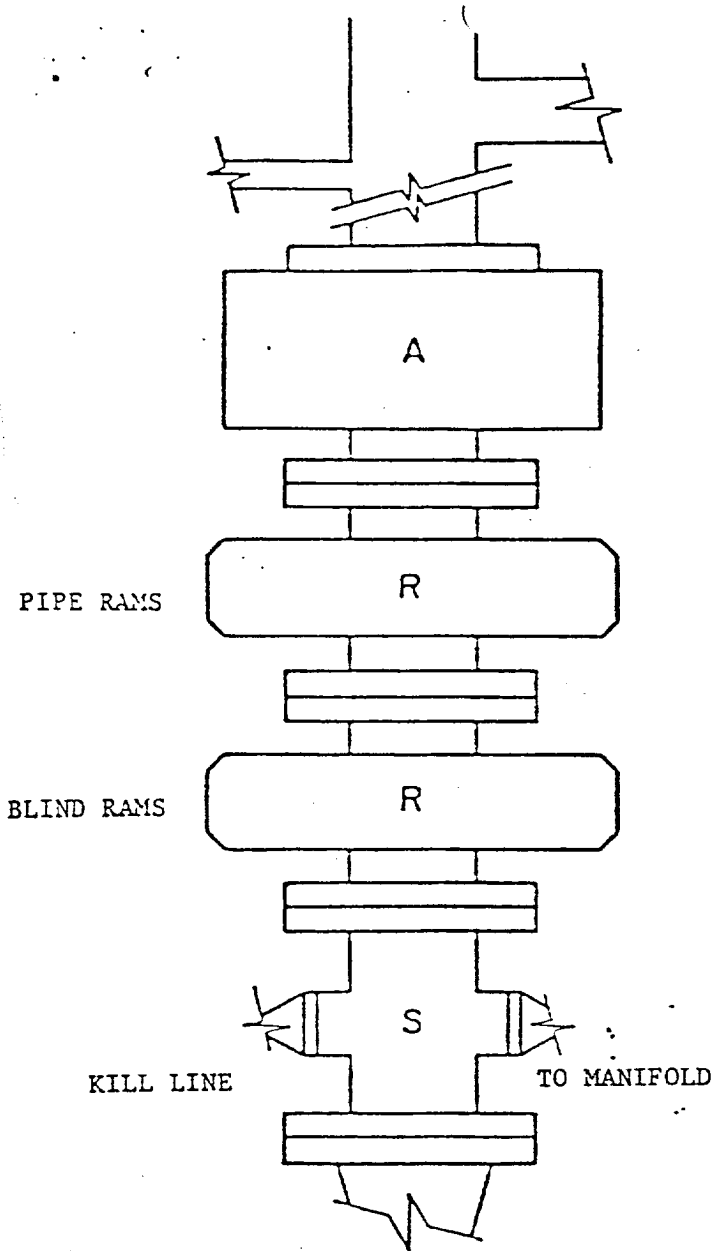
3. PRESSURE CONTROL EQUIPMENT

A. Refer to Diagrams A-1 & A-2.

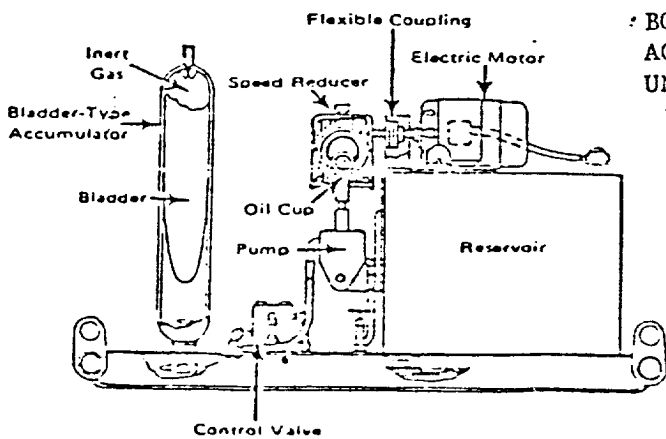
B. Minimum pressure ratings on any and all B.O.P. or related control equipment will be 5,000 psi to 11,700'. From 11,700' to T.D. minimum ratings will be 10,000 psi.



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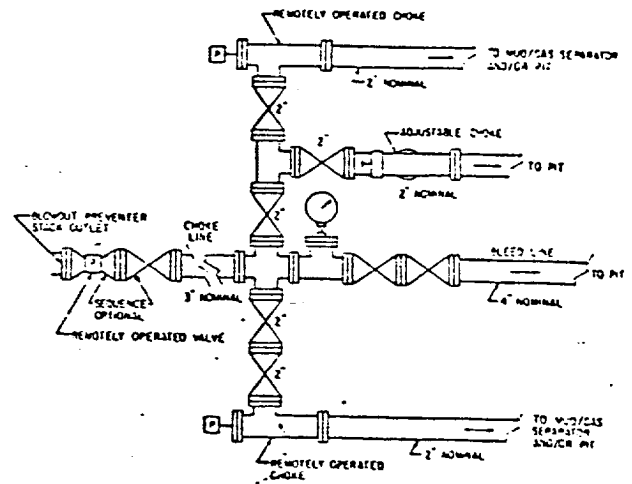
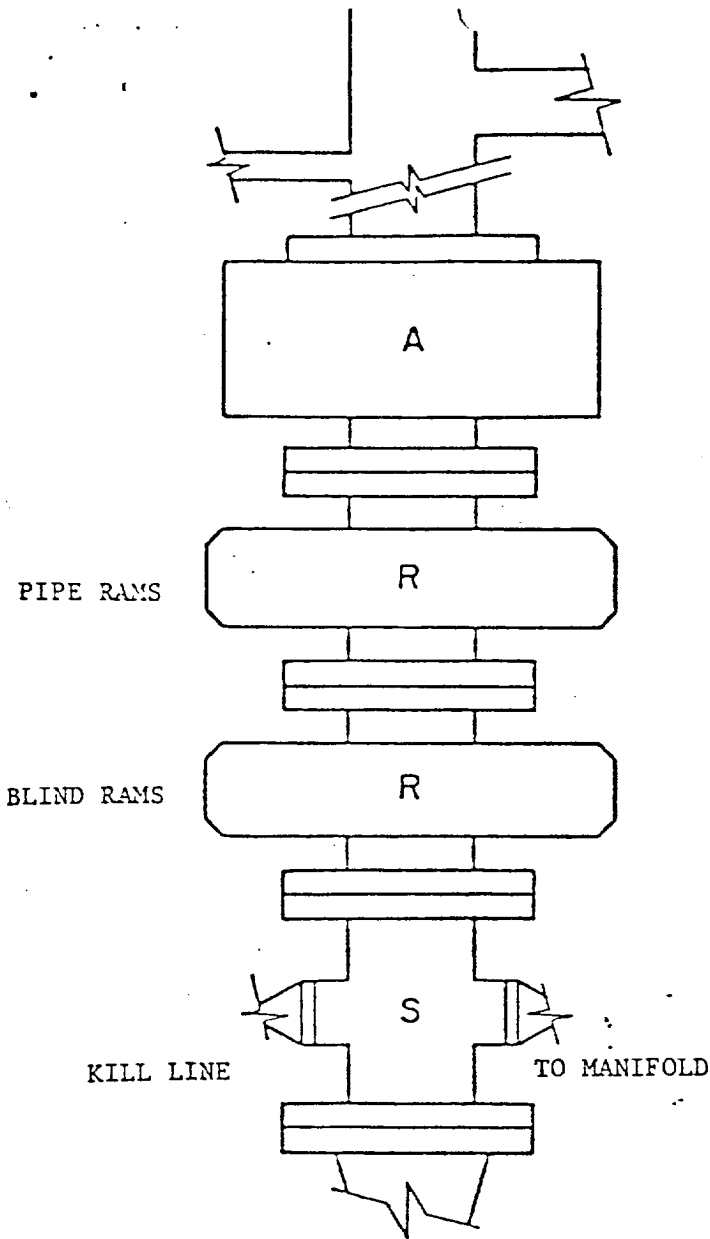


CHOKES MANIFOLD
 All Valves to be 5,000 psi

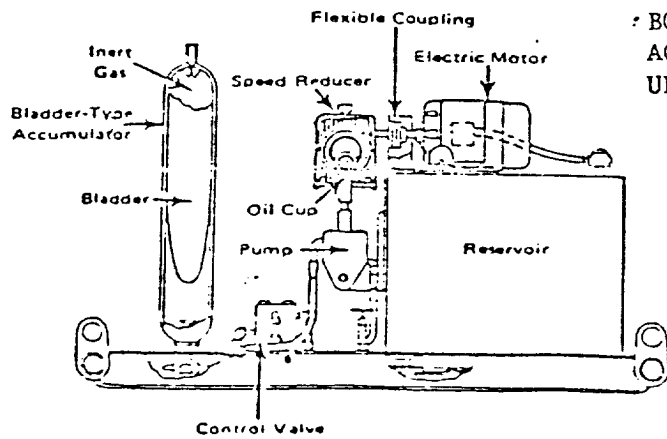


BOP ACCUMULATOR UNIT

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CHOKES MANIFOLD
 All Valves to be 10,000. psi



BOP ACCUMULATOR UNIT

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MAR 21 1988

Rec'd 3/21/88

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