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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.
V-1793

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		8. Farm or Lease Name Lee Ranch AEZ State	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1	
3. Address of Operator 105 South Fourth Street - Artesia, NM 88210		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER A LOCATED 990 FEET FROM THE North LINE AND 330 FEET FROM THE East LINE OF SEC. 35 TWP. 17S RGE. 35E NMPM		12. County Lea	
19. Proposed Depth 9400'		19A. Formation Bone Springs	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3898.6' GR	
21A. Kind & Status Plug Bond Blanket		21B. Drilling Contractor McVay Drilling Rig #7	
22. Approx. Date Work will start ASAP			

## 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"	54.5# J-55	Approx. 350'	400 sacks	Circulate
12-1/4"	8-5/8"	32# J-55	" 3800'	1450 sacks	Circulate
7-7/8"	5-1/2"	17# J-55 & N-80	TD	450 sacks	

We propose to drill and test the Bone Springs and intermediate formations. Approximately 350' of surface casing will be set with cement circulated to shut off gravel and cavings. Intermediate casing will be set to approximately 3800' with cement circulated. If productive, 5-1/2" casing will be run and cemented.

**MUD PROGRAM:** Native mud to 350', salt water brine to 3800', fresh water to 7800', cut brine to 8200', salt water gel, starch and drispak to TD

**BOP PROGRAM:** BOP's to be installed on intermediate casing and tested, pipe rams tested daily

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.

Signed A. Cowan Title Regulatory Agent Date December 4, 1987

(This space for State Use)

APPROVED BY Paul Kautz TITLE Geologist DATE DEC 4 1987

CONDITIONS OF APPROVAL, IF ANY

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.

**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 <b>YATES PETROLEUM CORPORATION</b>			Lease <b>LEE RANCH AEZ STATE</b>		Well No. <b>1</b>
Unit Letter <b>A</b>	Section <b>35</b>	Township <b>17S</b>	Range <b>35E</b>	County <b>LEA</b>	

Actual Footage Location of Well:

990 feet from the North line and 330 feet from the East line	
Ground Level Elev. <b>3898.6'</b>	Producing Formation <b>Bone Springs</b>
Pool <b>Wildcat</b>	Dedicated Acreage: <b>40</b> 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.

*Cy Cowan*

Name

Cy Cowan

Position

Regulatory Agent

Company

Yates Petroleum Corporation

Date

December 4, 1987

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.

December 4, 1987

Date Signed

Registered Professional Engineer  
and of Land Surveyors

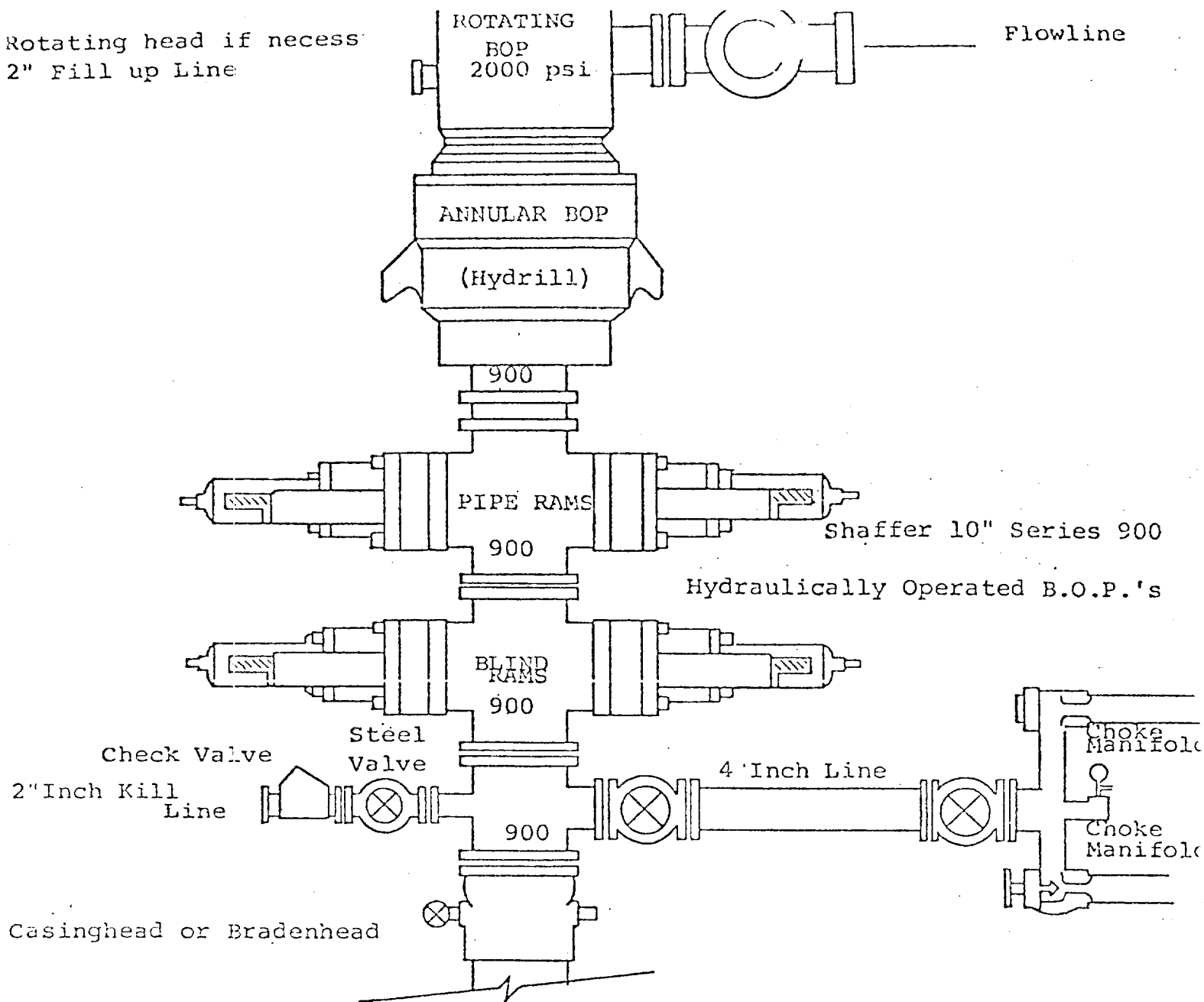
3640

Certified by LAND

3640

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

Rotating head if necessary  
2" Fill up Line



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

1. All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
2. Choke outlet to be a minimum of 4" diameter.
3. Kill line to be of all steel construction of 2" minimum diameter.
4. All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.
5. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
6. All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
7. Inside blowout preventer to be available on rig floor.
8. Operating controls located a safe distance from the rig floor.
9. Hole must be kept filled on trips below intermediate casing.
10. D. P. float must be installed and used below zone of first gas intrusion.