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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease

STATE ☒ FCC ☐

5. State Oil &amp; Gas Lease No.

LC-814

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

Type of Work

DRILL ☒DEEPEN ☐PLUG BACK ☐

Type of Well

OIL WELL ☒GAS WELL ☐

OTHER

SINGLE ZONE ☐MULTIPLE ZONE ☐

Name of Operator

Yates Petroleum Corporation

Address of Operator

207 S. 4th, Artesia, New Mexico 88210

Location of Well

UNIT LETTER G

LOCATED 1980

FEET FROM THE North

LINE

1980

FEET FROM THE East

LINE OF SEC. 21

TWP. 14S

RGE. 33E

NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Woodpecker "SY" St

9. Well No.

5

10. Field and Pool, or Wildcat

WILDCAT

12. County

Lea

Elevations (Show whether DF, RT, etc.)

4211.9' GL

21A. Kind &amp; Status Plug. Bond

Blanket

19. Proposed Depth

10,500'

19A. Formation

Permo Penn

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

Ard

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"	48# J-55	450'	400 sx	circulated
12 1/4"	8 5/8"	24# J-55	4200'	1300 sx	400'
7 7/8"	5 1/2"	17# N-80-L	TD	450 sx	9200'
		17# K-55-L			
		17# K-55-S			
		17# N-80-L			

We propose to drill a 10,150' well and test the Permo-Penn and intermediate formations. Approximately 450' of surface casing will be set and cement circulated and approximately 4200' of intermediate will be set and cement circulated back to about 400'. Production casing will be set to TD and cemented back to approximately 9200'.

MUD PROGRAM: FW gel to 450', native mud 4200', water & paper to 7500', starch-driskak-KCL to TD.

BOP PROGRAM: BOP's will be installed at the offset and tested daily.

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.

By Cy Gowan Title Regulatory Coordinator Date 10/1/82

(This space for State Use)

APPROVED BY Eddie W. Dean

TITLE

OIL &amp; GAS INSPECTOR

DATE

OCT 1 1982

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 4/1/83  
UNLESS DRILLING UNDERWAY

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NE EXICO 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 YATES PETROLEUM CORPORATION			Lease Woodpecker "SY" State		Well No. 5
Unit Letter G	Section 21	Township 14S	Range 33E	County Lea	

Actual Footage Location of Well:

1980 feet from the North line and 1980 feet from the East line

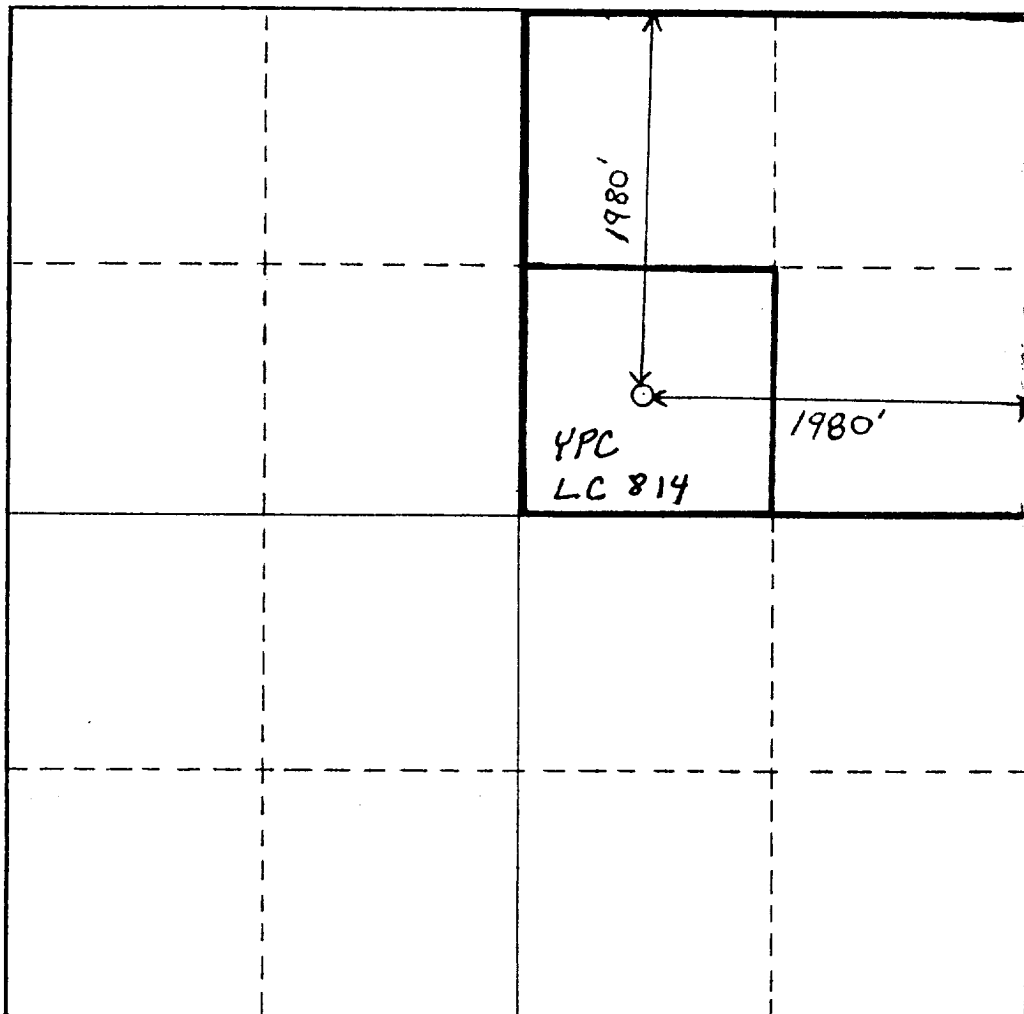
Ground Level Elev: 4211.9' GL	Producing Formation Permian-Penn	Pool UNDESIGNATED	Dedicated Acreage: 40 Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated 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 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

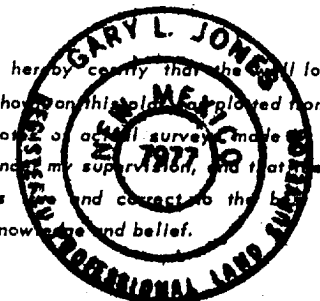
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Cy Cowan*

Name  
Cy Cowan  
Position  
Regulatory Coordinator  
Company  
Yates Petroleum Corp  
Date

10-1-82

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



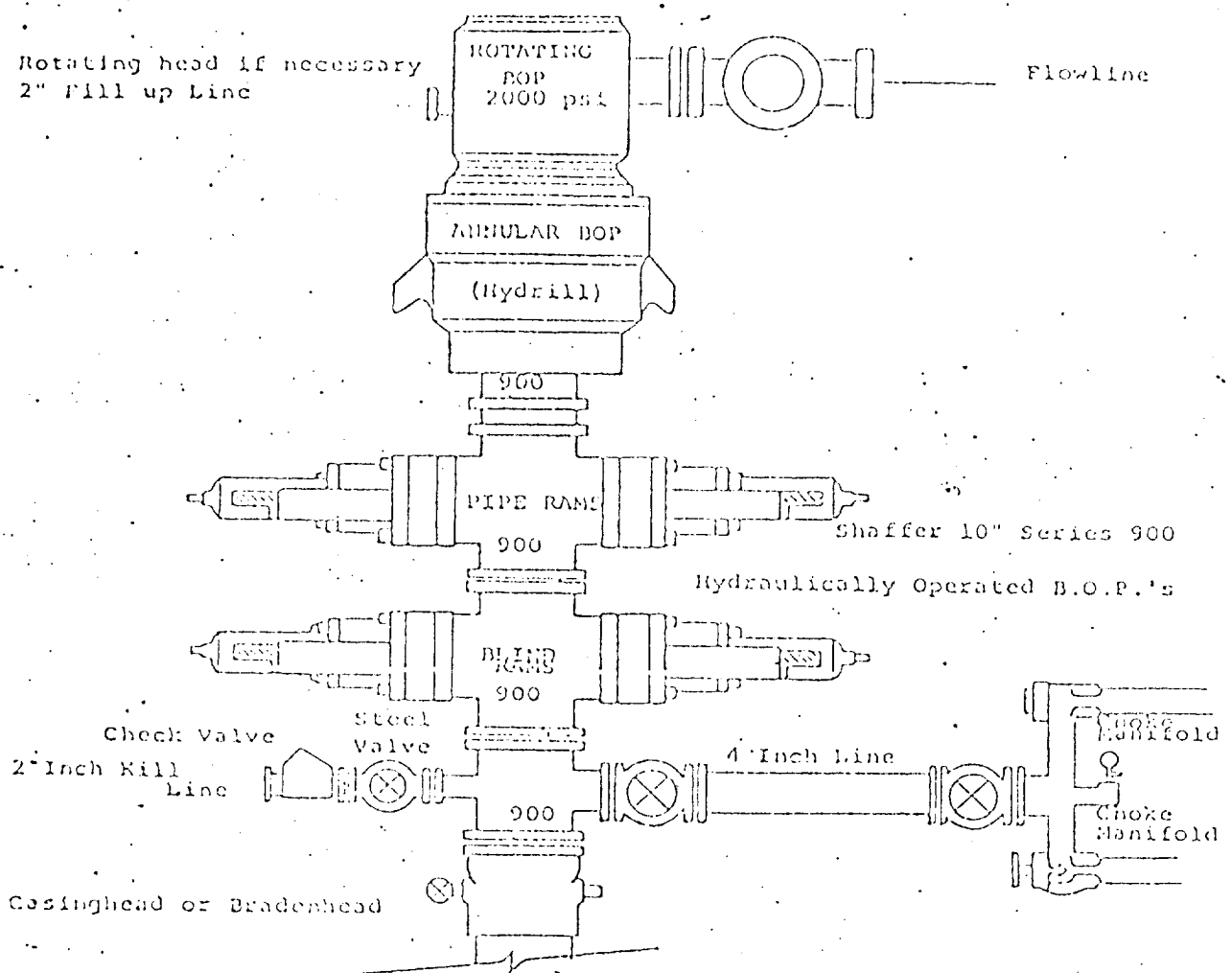
Date Surveyed  
September 30, 1982  
Registered Professional Engineer and/or Land Surveyor

*Gary L. Jones*  
Certificate No. 7977

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## 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. Operator not responsible for blowouts resulting from not keeping hole full.
10. B. P. float must be installed and used below zone of first gas intrusion.

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