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5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
LG-814

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
2. Type of Well
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name
8. Farm or Lease Name
Woodpecker "SY" St.

3. Name of Operator
Yates Petroleum Corporation

9. Well No.
2

4. Address of Operator
207 S. 4th, Artesia, New Mexico 88210

10. Field and Pool, or Wildcat
UNDESIGNATED

5. Location of Well
UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE
660 FEET FROM THE East LINE OF SEC. 21 TWP. 14S RGT. 33E

11. County
Lea

6. Elevation (show whether DF, RT, etc.)
4212.5' GL

12. Rotary or C.T.
Rotary

7. 21A. Kind & Status Plug. bond
Blanket

13. Proposed Depth
10,500'

8. 21B. Drilling Contractor
Ard #5

14. Formation
Permo-Penn

9. 22. Approx. Date Work will start
ASAP

15. Rotary or C.T.
Rotary

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# N80-L | TD | 450 sx | 9200' |
| | | 17# K55-L | | | |
| | | 17# K55-S | | | |
| | | 17# N80-L | | | |

We propose to drill and test the Permo-Penn and intermediate formations. Approximately 450' of surface casing will be set, cemented and 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-driskpak-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 PRODUCTION 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 [Signature] Title Regulatory Coordinator Date 5/3/82
(This space for State Use)

APPROVED BY JERRY SEXTON TITLE DISTRICT 1 SUPR. DATE MAY 4 1982

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11/4/82
UNLESS DRILLING UNDERWAY

RECEIVED

MAY 4 1982

**O.C.D.
HOBBS OFFICE**

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.

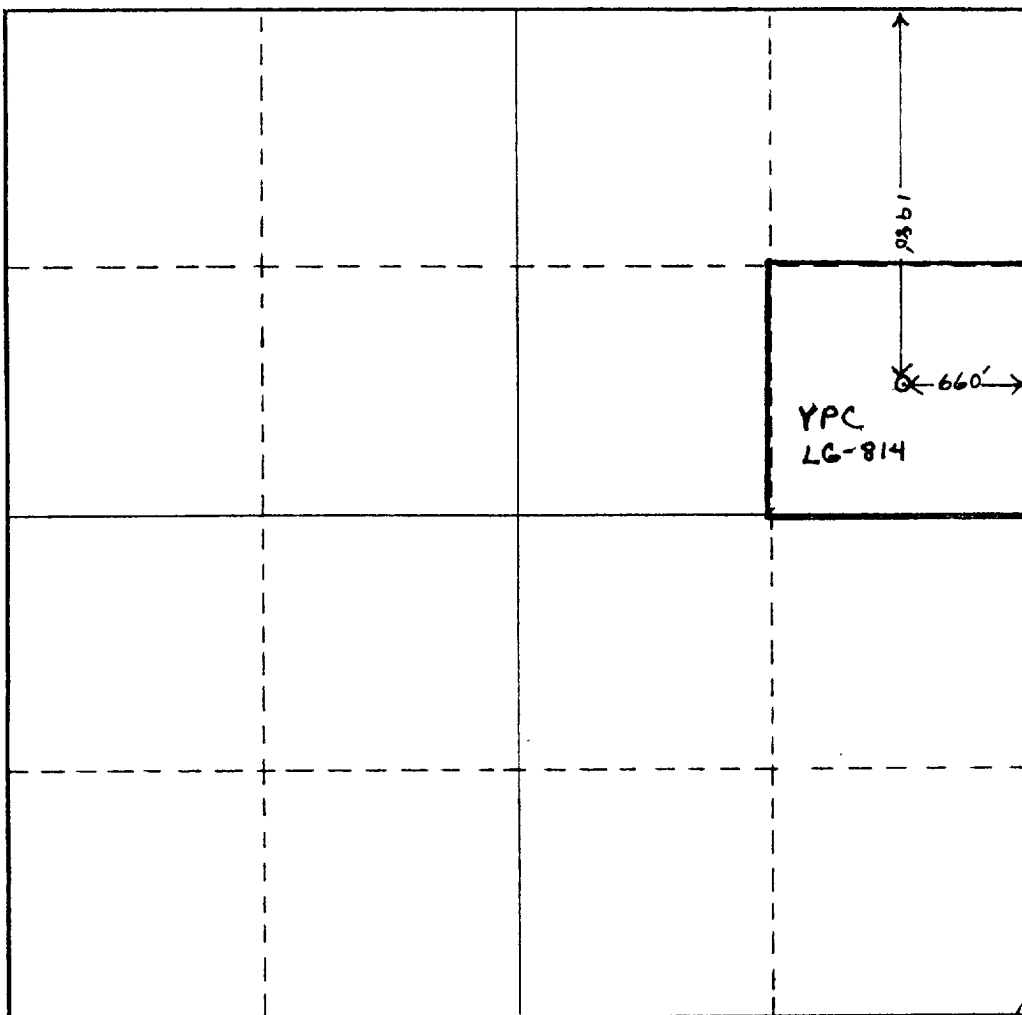
| | | | | | |
|---|--|-----------------------------|---------------------------------------|-------------------------|---------------------------------------|
| Operator YATES PETROLEUM CORPORATION | | | Lease Woodpecker "SY" State | | Well No. 2 |
| Unit Letter H | Section 21 | Township 14 South | Range 33 East | County Chaves | |
| Actual Footage Location of Well: 1980 feet from the North line and 660 feet from the East line | | | | | |
| Ground Level Elev. 4212.5' | Producing Formation Permo-Penn | | Pool Wildcat | | Dedicated Acreage: 40 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 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.



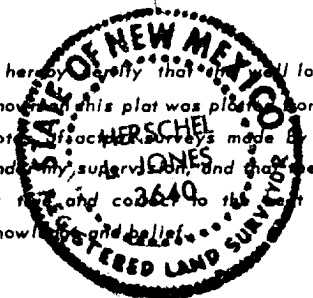
CERTIFICATION

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
5/3/82

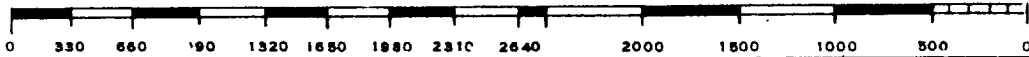
I hereby certify that the well location shown on this plat was placed in the field notes of the survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.



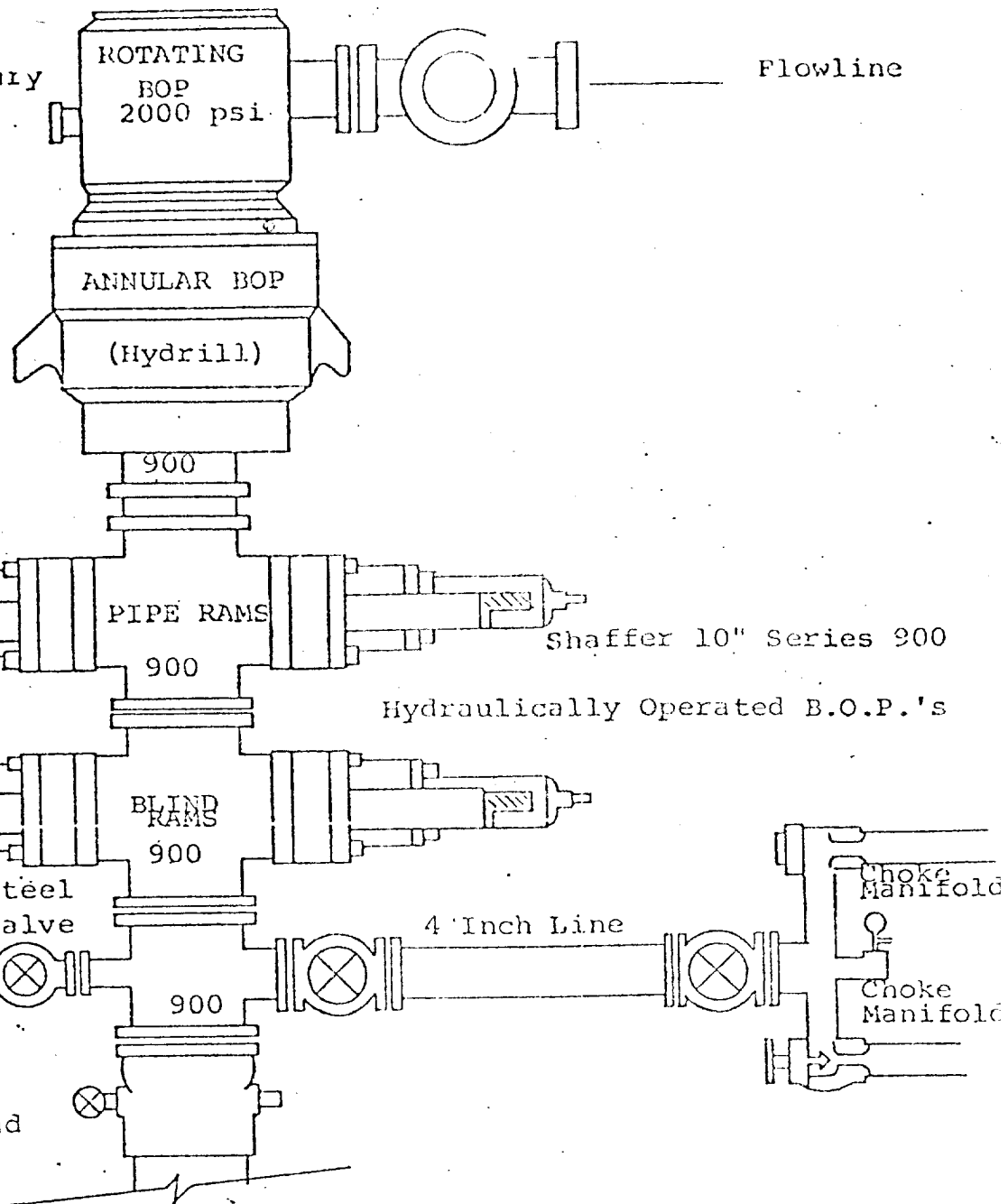
Date Surveyed
April 1, 1982
Registered Professional Engineer
and/or Land Surveyor

[Signature]
Certificate No.

3640



rotating head if necessary
 " Fill up Line



THE FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

- All preventers to be hydraulically operated with secondary manual controls installed prior to drilling out from under casing.
- Choke outlet to be a minimum of 4" diameter.
- Kill line to be of all steel construction of 2" minimum diameter.
- All connections from operating manifolds to preventers to be all steel. hole or tube a minimum of one inch in diameter.
- The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.
- All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.
- Inside blowout preventer to be available on rig floor.
- Operating controls located a safe distance from the rig floor
- Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.
- D. P. float must be installed and used below zone of first gas intrusion.

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MAY 4 1982

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