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SANTA FE, NEW MEXICO 87501
FEB 21 1985
O. C. D.
ARTESIA, OFFICE

Form C-101
Revised 3885-25192

| | |
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5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
LG-3782

7. Unit Agreement Name

8. Farm or Lease Name
Woodchuck "ABW" St Com

9. Well No.
1

10. Field and Pool, or Wildcat
Unde
Aid Morrow

12. County
Eddy

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

Name of Operator
Yates Petroleum Corporation
Address of Operator
207 South 4th Street, Artesia, NM 88210
Location of Well
UNIT LETTER K LOCATED 1980 FEET FROM THE South LINE
1980 FEET FROM THE West LINE OF SEC. 13 TWP. 17S RGE. 28E NMPM

19. Proposed Depth
10,900'

19A. Formation
Morrow

20. Rotary or C.T.
Rotary

21A. Kind & Status Plug. Bond
Blanket

21B. Drilling Contractor
Undes

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 3/4 | 13 3/8 | 48# H-40 | 350' | 350' | circ |
| 12 1/4 | 8 5/8 | 24# K-55+S-80 | 2650' | 1000' | circ |
| 7 7/8 | 5 1/2 | 17# N-80 | 10900' | As warranted | --- |

We propose to drill and test the Morrow and intermediate formations. Approximately 350' of surface casing will be set to shut off gravel and cavings and intermediate casing will be set at 2650'. If commercial, will run 5-1/2" with cement cover, will perforate and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 2650', FW gel to 7000', Cut Brine Starch/driskpak/KCL and salt gel to TD.

BOP PROGRAM: BOP's and hydrill will be installed on 8-5/8" casing and tested daily.

GAS NOT DEDICATED.

ADDITIONAL 180 DAYS
8-25-85
ON TRACK FOR UNDERWAY
APPROVED
2/1/85

BOVE 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.

by certifi that the information above is true and complete to the best of my knowledge and belief.

ed Cy Carson Title Regulatory Agent Date 2/11/85

(This space for State Use)

Original Signed By
Mike Williams
Oil & Gas Inspector

ROVED BY DATE FEB 21 1985

DITIONS OF APPROVAL, IF ANY:

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 Woodchuck ABW State Comm | | Well No. 1 |
| Unit Letter K | Section 13 | Township 17 South | Range 28 East | County Eddy | |
| Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the West line | | | | | |
| Ground Level Elev. 3697. | Producing Formation Mohave | | Pool J. EMPIRE Morrow | 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 **To BE Communitized**

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.

| | | | |
|--|--|--|--|
| SABINE Royalty LG 3901 | | | |
| INEXCO LG 6138 | | | |
| YPC V-228 1980' | HARVEY E. YATES LG 3782 | | |
| HARVEY E. YATES LG 3782 | YPC V-228 1980' | | |

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 Corp.

Date

2/11/85

DAN R. REDDY
NEW MEXICO
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.
REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR

Date Surveyed

January 15, 1985

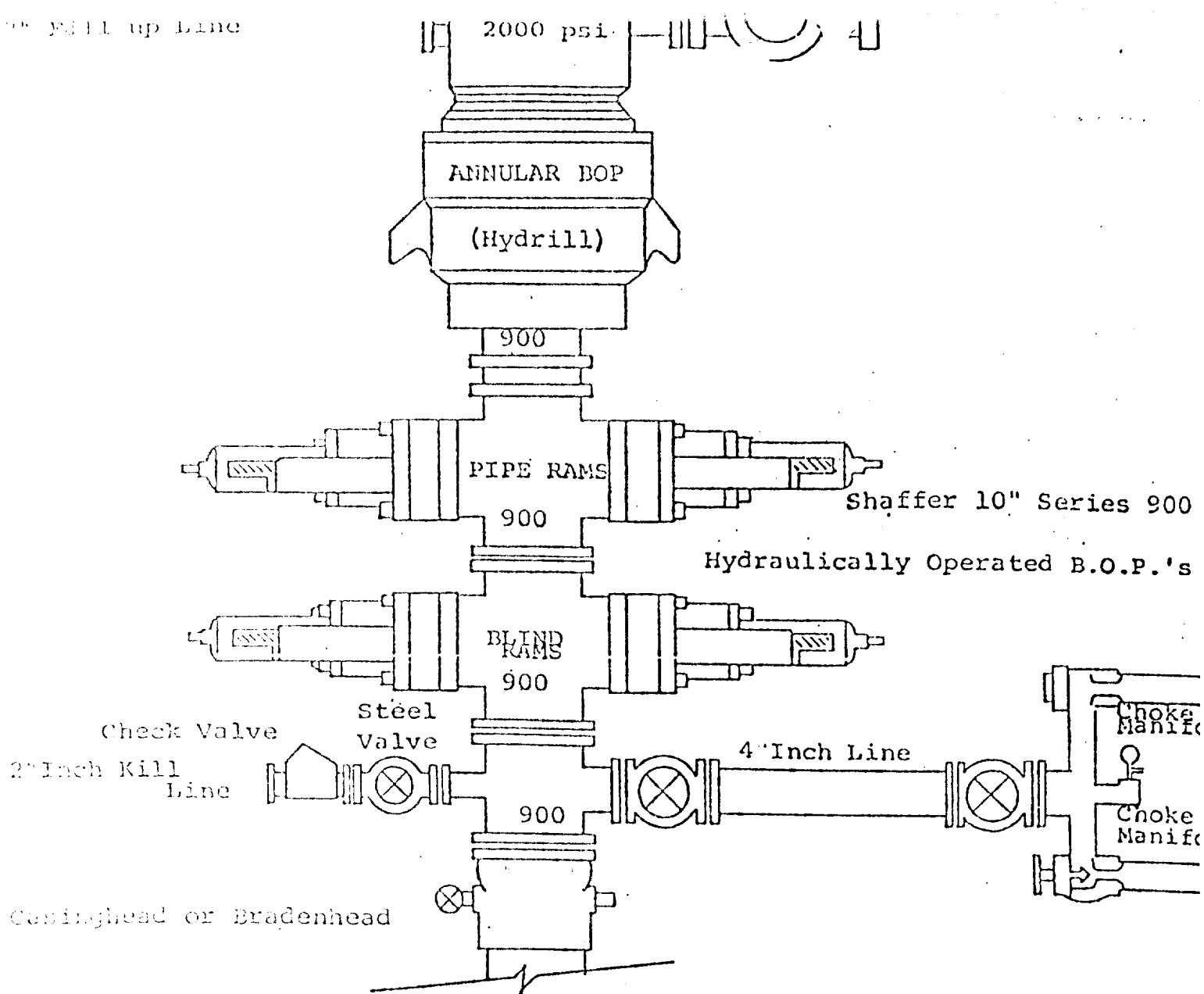
Registered Professional Engineer and/or Land Surveyor

Dan R. Reddy

Certificate No.

NM PE&LS NO. 5412

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



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 equal 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.