

30-015-23540

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

NOV 04 1980

O. C. C.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Firm or Lease Name

Davis NC Co.

9. Well No.

1

10. Field and Pool, or Wildcat

Undesignated Boyd Morrow

12. County

Eddy

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

Yates Petroleum Corporation

3. Address of Operator

207 S. 4th, Artesia, New Mexico 88210

4. Location of Well

UNIT LETTER I

LOCATED 1980

FEET FROM THE

South

LINE

AND

660

FEET FROM THE

East

LINE OF SEC. 11

TWP. 19S

RGE. 24E

N. 1/4

19. Proposed Depth

9300'

19A. Formation

Morrow

20. Rotary or C.A.

Rotary

21. Elevations (show whether DT, RT, etc.)

3602' GL

21A. Kind & Status Plug, Bond

Blanket

21B. Drilling Contractor

Capitan #14

22. Approx. Date Work will start

As Soon As Approved

23.

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#	approx. 400'	400 sx	circulate
12 1/4"	8 5/8"	24#	approx. 1000'	600 sx	circulate
7 7/8"	5 1/2" or 4 1/2"	15.5 - 17# 10.5 - 11.6#	approx. 9300'	400 sx	

We propose to drill and test the Morrow and intermediate horizons. Will set approximately 400' surface casing to shut off gravel and caving, and will set intermediate casing at least 100' below the Artesian water zone, both strings to be circulated. If commercial will run 5 1/2" or 4 1/2" and cement with at least 600 ft. of cover.

MUD PROGRAM: FW gel & LCM to 1000' fresh water to 4000', starch-driscopak-KCL to 7400' starck-drišpak-KCL saltwatergel to TD.

BOP PROGRAM: BOP's and hydril on 8 5/8" casing and tested, pipe rams tested daily, blind rams on trips; Yellow Jacket, pit level control and flow sensor on at 5200'.

GAS NOT DEDICATED.

APPROVAL VAND  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 2-10-81

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 John A. Lopez Title Regulatory Coordinator Date 10/31/80

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE NOV 10 1980

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to  
surface behind 13 3/8" + 8 5/8" casing

Notify N.M.O.C.C. in sufficient  
time to witness cementing  
the 8 5/8" casing

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-4-65

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

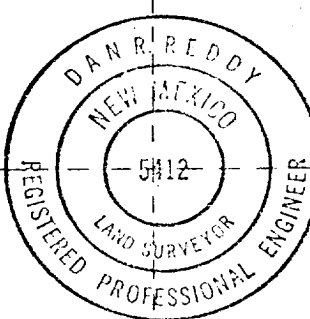
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Davis NC</b>		Well No. <b>1</b>
Unit Letter <b>I</b>	Section <b>11</b>	Township <b>19 South</b>	Range <b>24 East</b>	County <b>Eddy</b>	
Actual Well Location of Well					
1980 feet from the <b>South</b> line and		660 feet from the <b>East</b> line			
Ground Level Elev. <b>3602.</b>	Producing Formation <b>MORROW</b>	Pool <b>UNDES. BOYD MORROW</b>	Dedicated Acreage: <b>320</b> 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 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.

	<b>ALLIED CHEM.</b> <b>NM 0554472</b>
	<b>GREAT WESTERN, DAVOIL 35%</b> <b>L-6287</b>
	<b>STATE</b> <b>YATES PET. ETAL</b>
<b>FLORA H. DAVIS</b> <b>R. E. GLASS</b>	

CERTIFICATION

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

*Johnny A. Lopez*

Name  
**JOHNNY A. LOPEZ**

Position  
**REGULATORY COORDINATOR**

Company  
**YATES PETROLEUM CORPORATION**

Date  
**11/3/80**

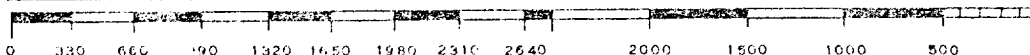
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

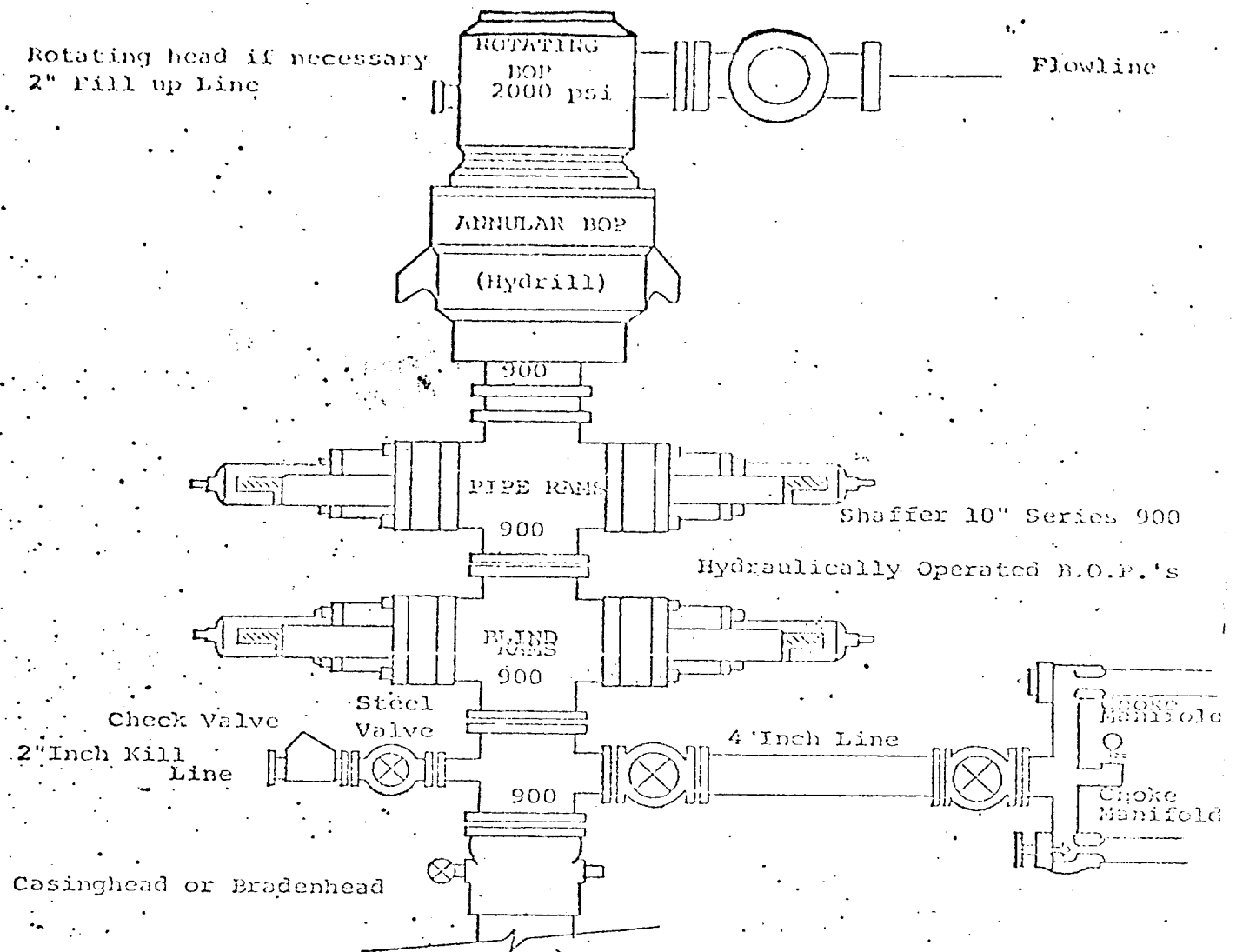
Date Surveyed  
**October 25, 1980**

Registered Professional Engineer and/or Land Surveyor

*Dan R. Reddy*

Certificate No.  
**NM PERLS #5412**





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. D. P. float must be installed and used below zone of first gas intrusion.