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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
V 175

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 South Fourth Street - Artesia, NM 88210

4. Location of Well

UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE

AND 1980 FEET FROM THE West LINE OF SEC. 20 TWP. 14S RGE. 36E NMPM

7. Unit Agreement Name

8. Farm or Lease Name

Hillburn City "KF" St.

9. Well No. Com 1

10. Field and Pool, or Wildcat
Undesignated

12. County
Lea

19. Proposed Depth

14500'

19A. Formation

Devonian

20. Rotary or C.T.

Rotary

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

3960' GR

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

MORANCO

22. Approx. Date Work will start

January 1, 1979

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	300 sacks	Circulate
12 1/4-11"	9-5/8" or	32.3#	" 4650'	2300 sacks	350' or surface
8-3/4 or 7-7/8"	8-5/8"				
	5 1/2 or 4 1/2"	17# or 11.6#	" 14500'	250 sacks	

Propose to drill and test the Devonian and intermediate formations. Approx. 400' surface casing will be run and cemented to shut off gravel & caving, and approx 4650' intermediate casing will be run and cemented thru the salt section. If commercial, will run 5 1/2" or 4 1/2" casing as warranted.

Mud Program: FW Gel & LCM to 400', brine-starch-driskpak to 4650', brine-starch polymer to 9000', brine-flosal-driskpak to TD.

BOP Program: BOP's will be installed on 8-5/8" casing & tested, pipe rams tested daily, blind rams on trips, yellow jacket prior to drilling at 8600', install pit level & flow sensor controls.

Gas not committed.

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 Eddie M. Madsen Title Engineer Date 12-1-78

(This space for State Use)

SUPERVISOR DISTRICT I

DEC -4 1978

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PL.

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

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

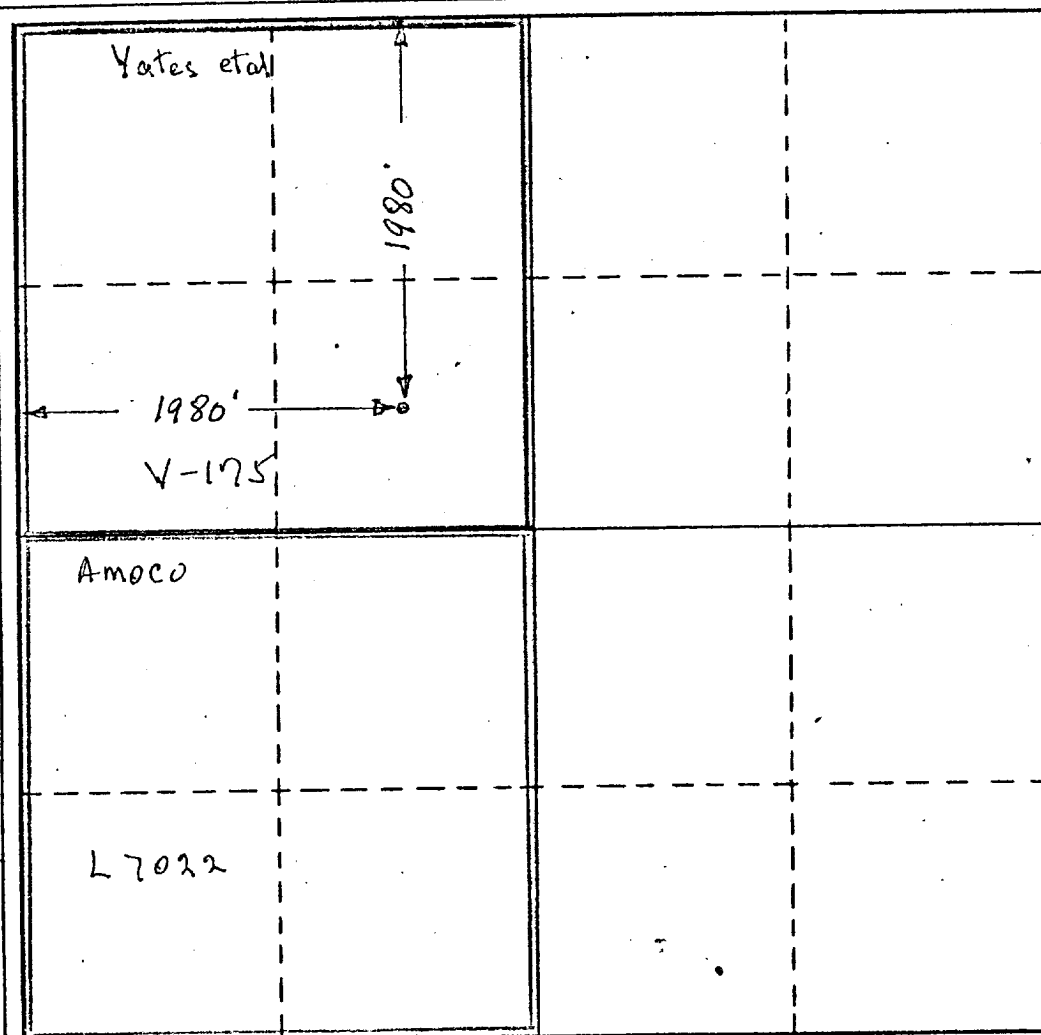
Operator YATES PETROLEUM CORP		Lease <i>Helburn City</i> State KF.COM		Well No. 1
Unit Letter F	Section 20	Township 14-S	Range 36-E	County LEA
Actual Footage Location of Well: 1980 feet from the NORTH line and 1980 feet from the WEST line				
Ground Level Elev. 3960	Producing Formation DEVONIAN	Pool Wilcoat	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 COMMUNITIZATION

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.

Eddie M. Mahfood

Name
EDDIE M. MAHFOOD

Position
ENGINEER

Company
YATES PETROLEUM CORP

Date
12-1-78

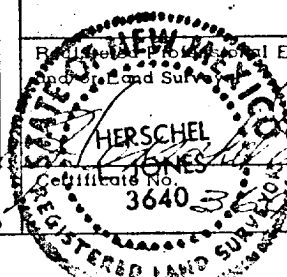
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

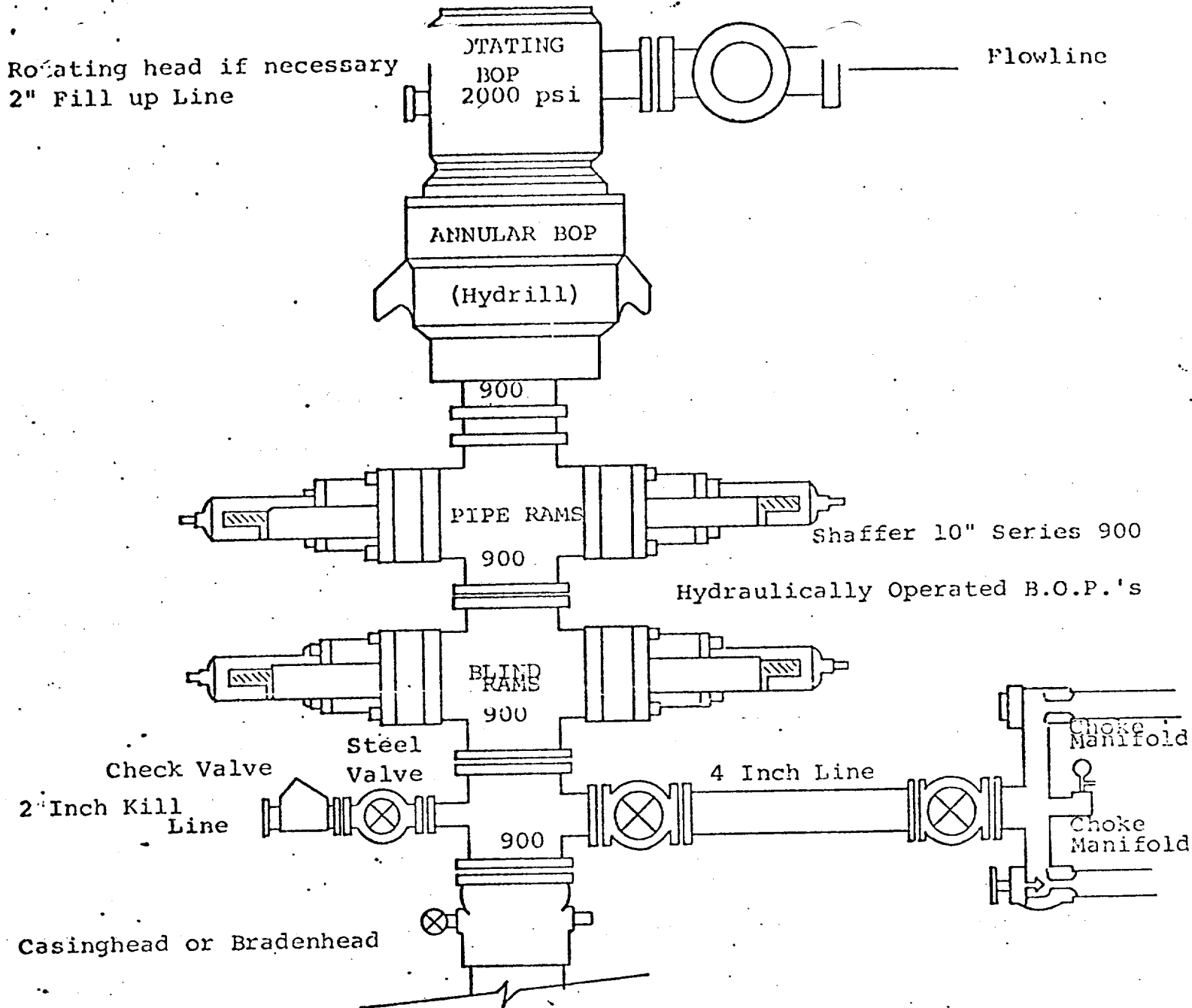
Date Surveyed

Registered Professional Engineer and Land Surveyor

Herschel Jones

Certificate No.
3640





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.