

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

## 1a. TYPE OF WORK

DRILL ☐REENTRYDEEPEN ☐

RECEIVED

PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE

OCT 18 1982

MULTIPLE  
ZONE☐

## 2. NAME OF OPERATOR

Yates Petroleum Corporation

## 3. ADDRESS OF OPERATOR

207 S. 4th, Artesia, New Mexico 88210

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

660' FSL and 660' FWL

At proposed prod. zone

same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

Approximately 13 miles NE of Roswell, NM.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

## 16. NO. OF ACRES IN LEASE

1266.78

## 18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

4500'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3650' GL

## 22. APPROX. DATE WORK WILL START\*

ASAP

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	8 5/8"	24# J-55	1000'	700 sx existing
7 7/8"	4 1/2"	9.5# J-55	4500'	450 sx

*Formerly Union Oil Co. of California Federal 5 #1. TD 5680 P+AG-2-71*

We propose to reenter the hole and drill out the surface plug, clean out hole, drill out the plugs at depths 1050' - 950'; 2500' - 2400' and clean out hole to approximately 4500'. Stimulate as needed for production.

MUD PROGRAM: Brine/LCM/starch as needed.

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

GAS NOT DEDICATED.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Cy Cannon*TITLE Regulatory Coordinator DATE 9/27/82

(This space for Federal or State office use)

PERMIT NO.

(Ord. Sgd.) GEORGE H. STEWART

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY

TITLE

DATE

**RECEIVED**

SEP 28 1982

OIL & GAS  
MINERALS MGMT. SERVICE  
ROSWELL, NEW MEXICO*Post ID 1  
10-22-82  
Re-entry*

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

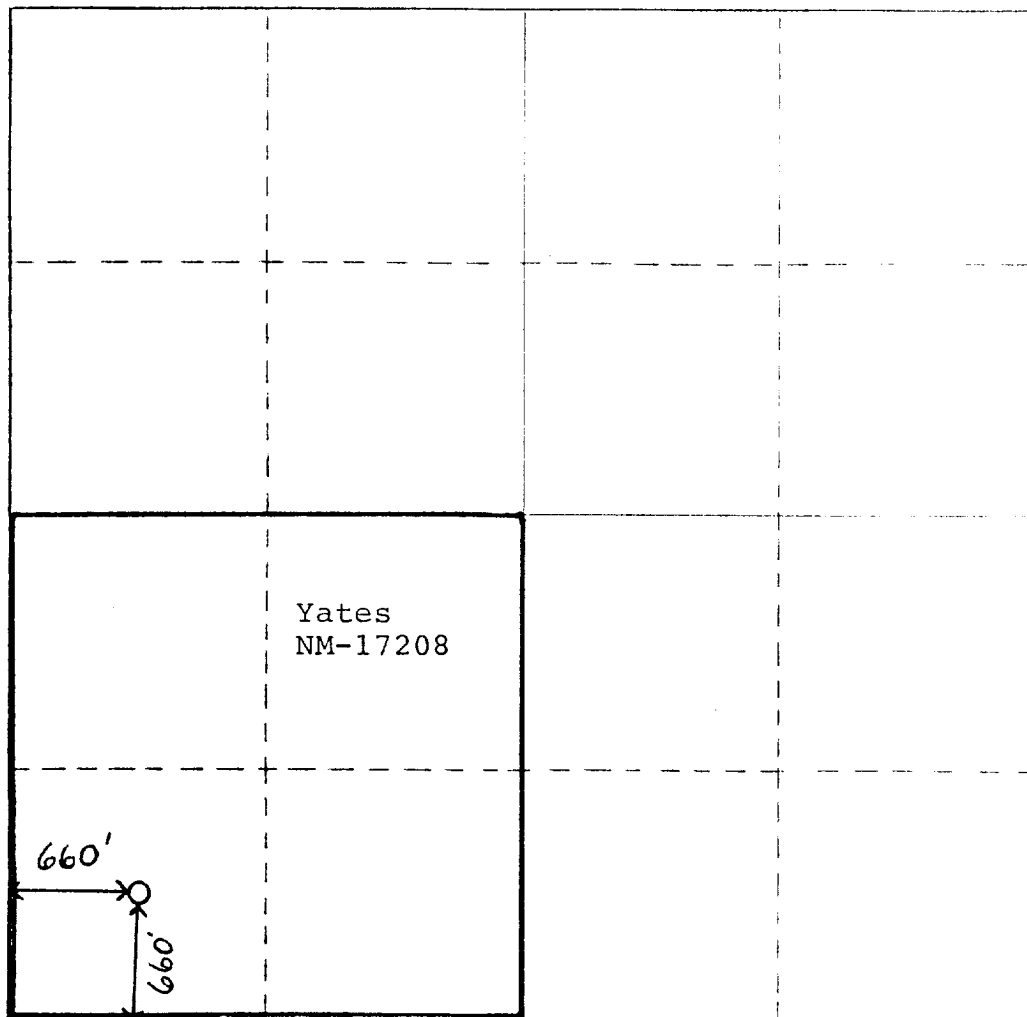
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Dorothy "VO" Federal</b>		Well No. <b>1</b>
Grid Letter <b>M</b>	Section <b>5</b>	Township <b>8 South</b>	Range <b>26 East</b>	County <b>Chaves</b>	
Well Footage Location of Well:					
<b>660</b>		feet from the	<b>South</b>	<b>660</b>	feet from the
				<b>West</b>	
Ground Level Elev. <b>3650'</b>	Producing Formation <b>Abo</b>		Depth <b>Undes. Pecos Slope Abo</b>	Estimated Acreage <b>160</b>	

1. Outline the acreage dedicated to the subject well by colored pencil or hatch 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*

Cy Cowan

Regulatory Coordinator

Yates Petroleum Corp.

9/27/82

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

**REFER TO ORIGINAL PLAT**

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

YATES PETROLEUM CORPORATION  
Dorothy "VO" Federal #1  
660' FSL and 660' FWL  
Sec. 5-T8S-R26E

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Yates Petroleum Corporation submits the following ten items of pertinent information in accordance with USGS requirements.

1. The geologic surface formation is sandy alluvium.
2. The estimated tops of geologic markers are as follows:

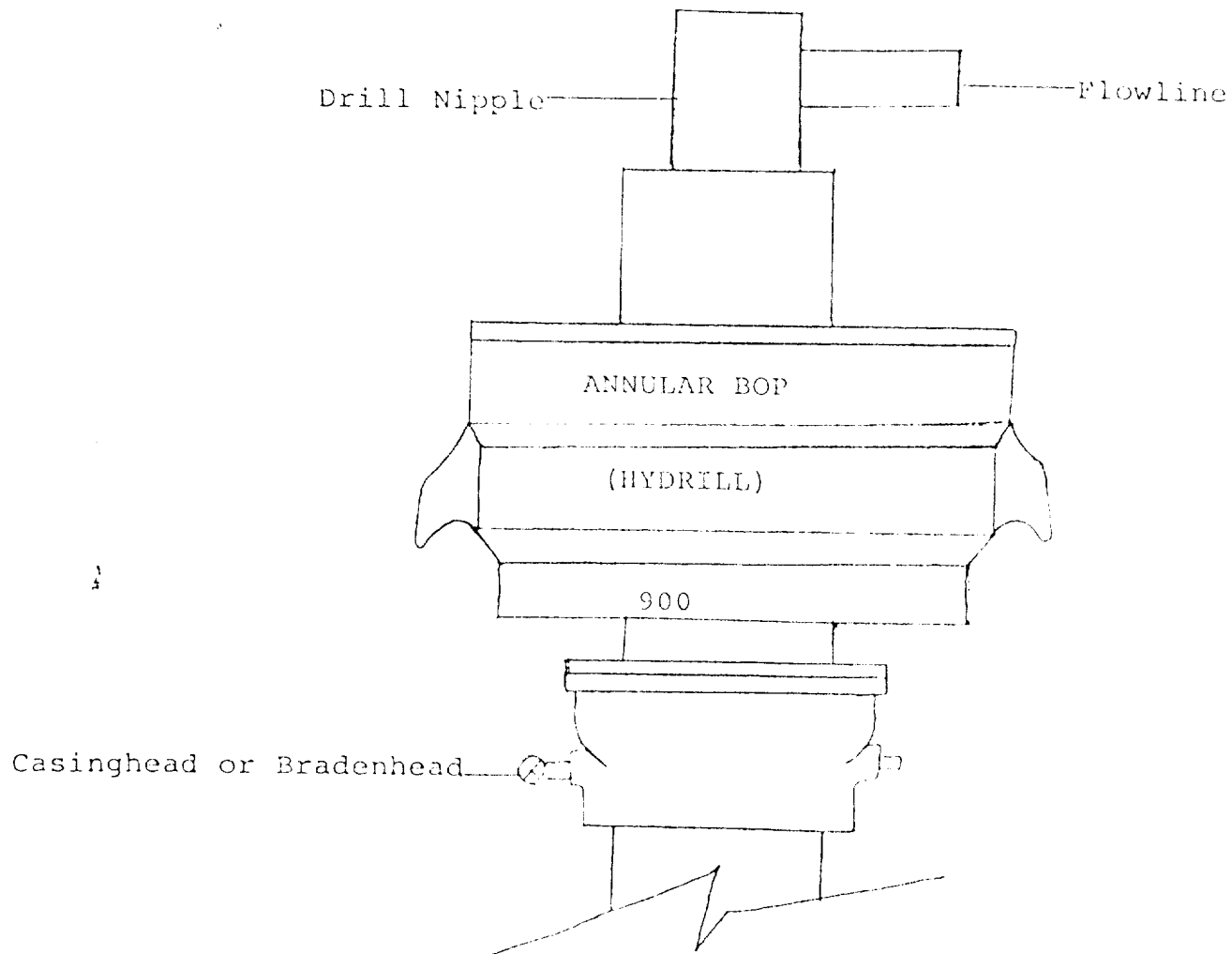
<u>San Andres</u>	<u>586'</u>
<u>Abo</u>	<u>3866'</u>
<u>Hueco</u>	<u>4530'</u>

3. The estimated depths at which anticipated water, oil or gas formations are expected to be encountered:

Water: 250' - 350'

Oil or Gas: Abo 3880'

4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: See Form 9-331C and Exhibit B.
6. Mud Program: See Form 9-331C.
7. Auxiliary Equipment: Kelly Cock; pit level indicators and flow sensor equipment;  
sub with full-opening valve on floor, drill pipe connection.
8. Testing, Logging and Coring Program:  
Samples: Surface casing to TD.  
DST's: As warranted.  
Coring: None anticipated.  
Logging: CNL-FDC TD to casing w/GR-CNL onto surface & DLL from TD to csg.  
w/RxO
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.



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. All connections from operating manifolds to preventers to be all steel. Hole or tube a minimum of one inch in diameter.
3. The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the BOP's.
4. All connections to and from preventer to have a pressure rating equivalent to that of the BOP's.
5. Hole must be kept filled on trips below intermediate casing.

# YATES PETROLEUM CORPORATION

