

UNITED STATES  
DEPARTMENT OF THE INTERIOR

## GEOLOGICAL SURVEY

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

## 1a. TYPE OF WORK

DRILL ☒MAR 13 1980 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 4th Street, Artesia, New Mexico 88201

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

At surface

330 FSL &amp; 2260' FWL

At proposed prod. zone

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

9 miles west of Dayton, NM

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.

330'

(Also to nearest drlg. unit line, if any)

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

## 16. NO. OF ACRES IN LEASE

403.69

## 19. PROPOSED DEPTH

2900'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Rotary

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

3610.8 GR

## 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
15"	10 3/4"	32.3 J-55	approx. 360'	250 sx circulate
9 1/2"	7"	20# J-55	approx. 970'	550 sx circulate
6 1/4"	4 1/2"	9.5# J-55	approx. 2900'	300 sx circulate

We propose to drill and test the Yeso and San Andres formations. Approximately 310' of surface casing will be set to shut off gravel and caving. Intermediate casing will be set at least 100' below the Artesian Water Zone. 4 1/2" production casing will be run, perforated and possible sand frac'd for production.

MUD PROGRAM: Fresh water gel to 970', fresh water to TD/

BOP PROGRAM: BOP's will be installed on 7" casing and tested.

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

*Glenn Rodriguez*

TITLE

Geographer

DATE

2/20/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

3-12-80

APPROVED BY

TITLE

DATE

CONDITIONS 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.

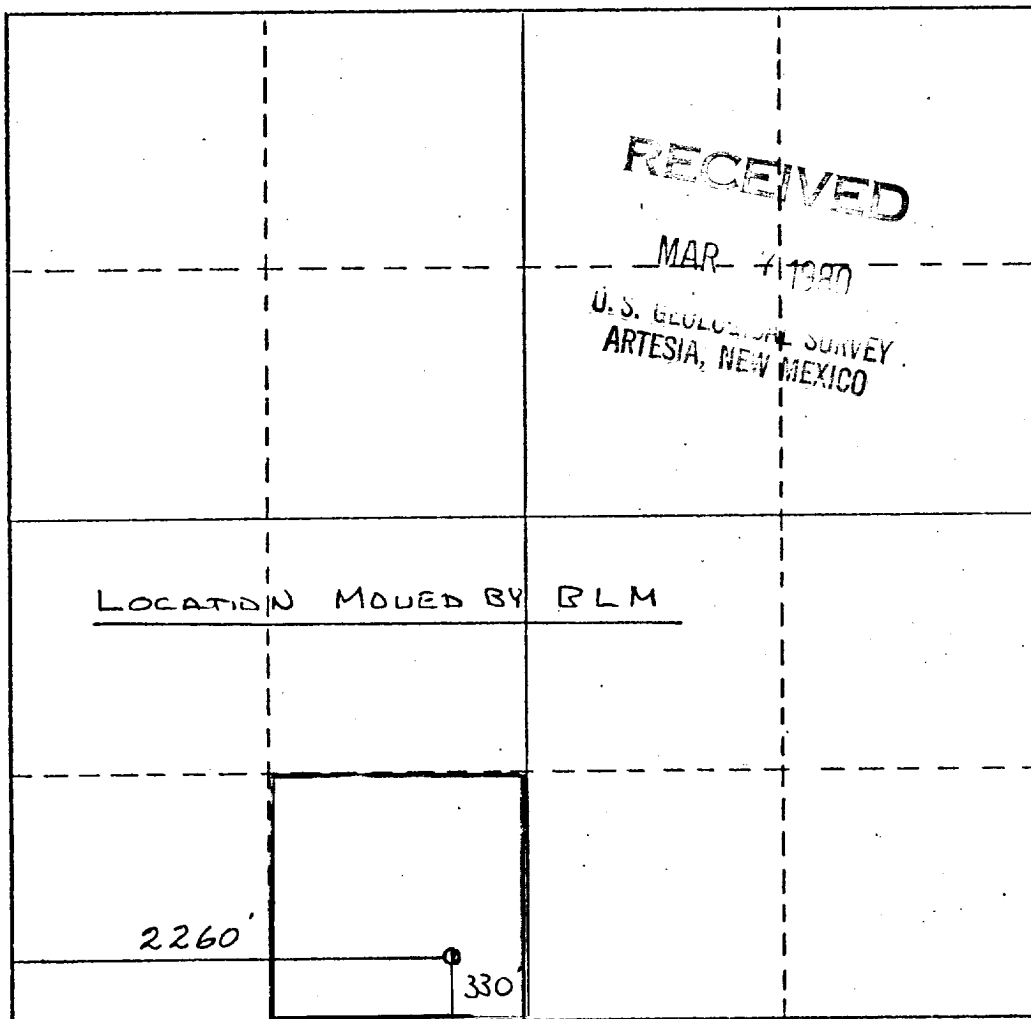
Operator <b>Yates Petroleum Corporation</b>			Lease <b>Mobil CI Federal</b>		Well No. <b>5</b>
Unit Letter <b>N</b>	Section <b>6</b>	Township <b>19 South</b>	Range <b>25 East</b>	County <b>Eddy</b>	
Actual Postage Location of Well:					
<b>330</b> feet from the <b>South</b> line and		<b>2260</b> feet from the <b>West</b> line			
Ground Level Elev. <b>3610.8</b>	Producing Formation <b>Yeso</b>	Pool <b>SA- Penasco Draw (Yeso <del>Draw</del> <i>Quero</i>)</b>		Dedicated Acreage: <b>40</b> 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 \_\_\_\_\_

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.

*Gliserio Rodriguez*

Name

**Gliserio Rodriguez**

Position

**Geographer**

Company

**Yates Petroleum Corp.**

Date

**2/25/80**

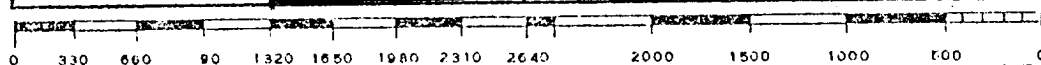
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

**REFER TO ORIGINAL PLAT  
DATED FEB. 19, 1980**

Date Surveyed

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.



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>Mobil CI Federal</b>		Well No. <b>5</b>
Unit Letter <b>N</b>	Section <b>6</b>	Township <b>19 South</b>	Range <b>25 East</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>330</b> feet from the <b>South</b> line and <b>2310</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3610.8</b>	Producing Formation <b>Yeso</b>	Pool <b>Penasco Draw</b> <sup>SA-</sup> <del>(Yeso - SA)</del> <i>Assoc</i>		Dedicated Acreage: <b>40</b> Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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?

**RECEIVED**

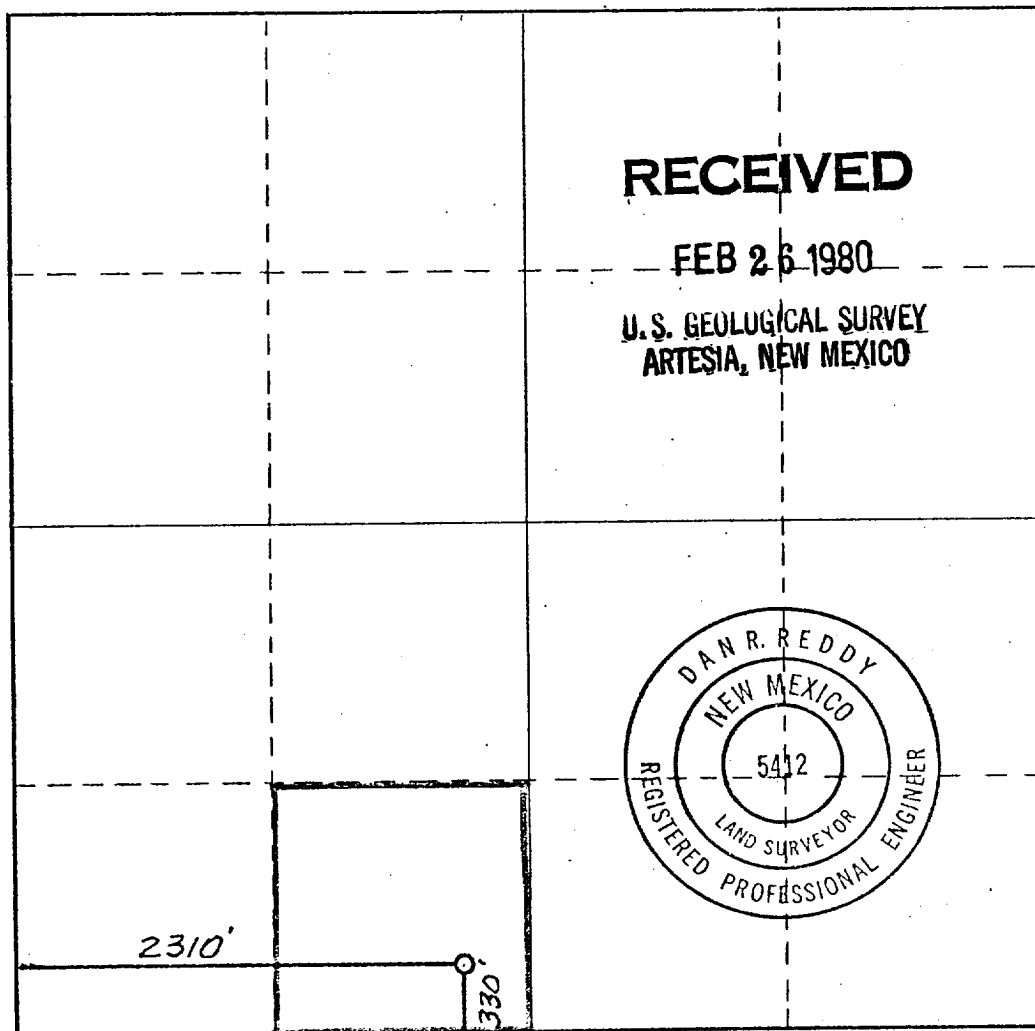
**MAR 13 1980**

**ARTESIA, OFFICE**

☐ 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.



**RECEIVED**

**FEB 26 1980**

**U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO**



**CERTIFICATION**

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

*Gliserio Rodriguez*

Name

Gliserio Rodriguez

Position

Geographer

Company

Yates Petroleum Corp.

Date

2/25/80

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

**Feb. 19, 1980**

Registered Professional Engineer  
and/or Land Surveyor

Certificate No.

**NM PE&LS #5412**



# United States Department of the Interior

GEOLOGICAL SURVEY  
P. O. Drawer U  
Artesia, New Mexico 88210

RECEIVED

MAR 13 1980

C. C. D.  
ARTESIA, OFFICE

March 12, 1980

Yates Petroleum Corporation  
207 South Fourth Street  
Artesia, New Mexico 88210

Gentlemen:

YATES PETROLEUM CORPORATION  
Mobil CI Fed No. 5  
330 FSL 2260 FWL Sec. 6 T.19S R.25E  
Eddy County Lease No. NM 0352858-B

Above Data Required on Well Sign

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 2,900 feet to test the Yeso formation is hereby approved subject to compliance with the OIL AND GAS OPERATING REGULATIONS (30 CFR 221) and the following conditions:

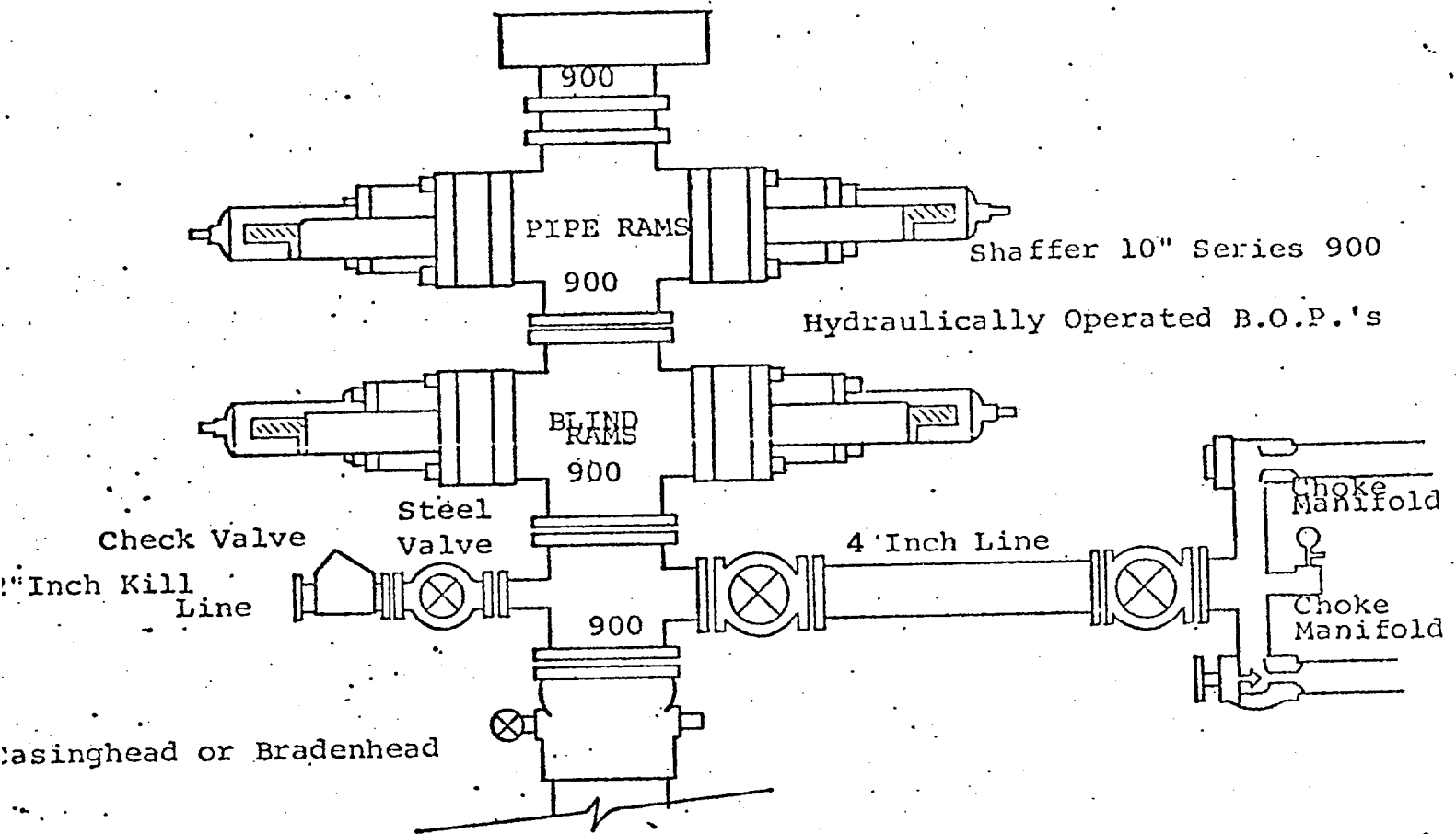
1. Drilling operations authorized are subject to compliance with the GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, dated July 1, 1978.
2. Prior to commencing construction of road, pad, or other associated developments, operator will provide the dirt contractor with a copy of the SURFACE USE PLAN and this approval including the GENERAL REQUIREMENTS.
3. All access roads will be limited to a 12 foot wide driving surface, excluding turnarounds. Surface disturbance associated with road construction will be limited to 20 feet in width.
4. Submit a Daily Report of Operations from spud date until the Well Completion Report (form 9-330) is filed. The progress report should be not less than 8" x 5" in size and each page should identify the well.
5. All permanent above-ground structures and equipment shall be painted in accordance with the attached Painting Requirements. The color used should simulate Sandstone Brown (Federal Standard No. 595A, color 20318 or 30318).
6. Notify the Survey by telephone 24 hours prior to spudding well.
7. Cement behind the 10-3/4" and 7" casing must be circulated.
8. Notify Survey in sufficient time to witness the cementing of the 10-3/4" and 7" casing.

9. Special Stipulations: Turn V-door west. Utilize caliche pit in the SW $\frac{1}{4}$ SW $\frac{1}{4}$  of section 1, T. 19S., R.24E.
10. Please have anyone contacting the Survey in regard to this well to identify the well with all of the information required above for the well sign.

Sincerely yours,

George H. Stewart  
Acting District Engineer

EXHIBIT B



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.