

UNITED STATES  
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

C/SF  
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL ☐

GAS ☒

OTHER ☐

SINGLE ZONE ☐

MULTI 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

1980' FNL and 660' FEL

At proposed prod. zone

same

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

Approximately 32 miles NNE of Roswell, New Mexico.

15. DISTANCE FROM PROPOSED\*

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

660'

18. DISTANCE FROM PROPOSED LOCATION\*

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

16. NO. OF ACRES IN LEASE

2560

19. PROPOSED DEPTH

4200'

17. NO. OF ACRES ASSIGNED TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DE, RT, GR, etc.)

3972.0 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"      | 10 3/4"        | 40.5# J-55      | 900'          | 575 sx circulated  |
| 7 7/8"       | 4 1/2"         | 9.5#            | TD            | 350 sx             |

Posted ID-1  
API + NL Book  
4-23-82

We propose to drill and test the Abo and intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 8 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. If commercial, production casing will be run and cemented with adequate cover, perforate, and stimulate as needed for production.

MUD PROGRAM: FW gel and LCM to 900', Brine to 3500', Drispak & starch to TD, MW 9.6-10.0, Vis. 29-34, WL 14-7.

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, magnetic flowout, cementer program, if any.

SIGNED

*Ken Beaulieu*

TITLE Regulatory Coordinator

DATE 3/18/82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

DATE

CONDITIONS OF APPROVAL

**APPROVED**  
(Orig. Sgd.) **GEORGE H. STEWART**  
**APR 20 1982**  
FOR  
**JAMES A. GILLHAM**  
DISTRICT SUPERVISOR

**RECEIVED**  
**MAR 30 1982**

4-6-82  
ML  
200 MPM

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.

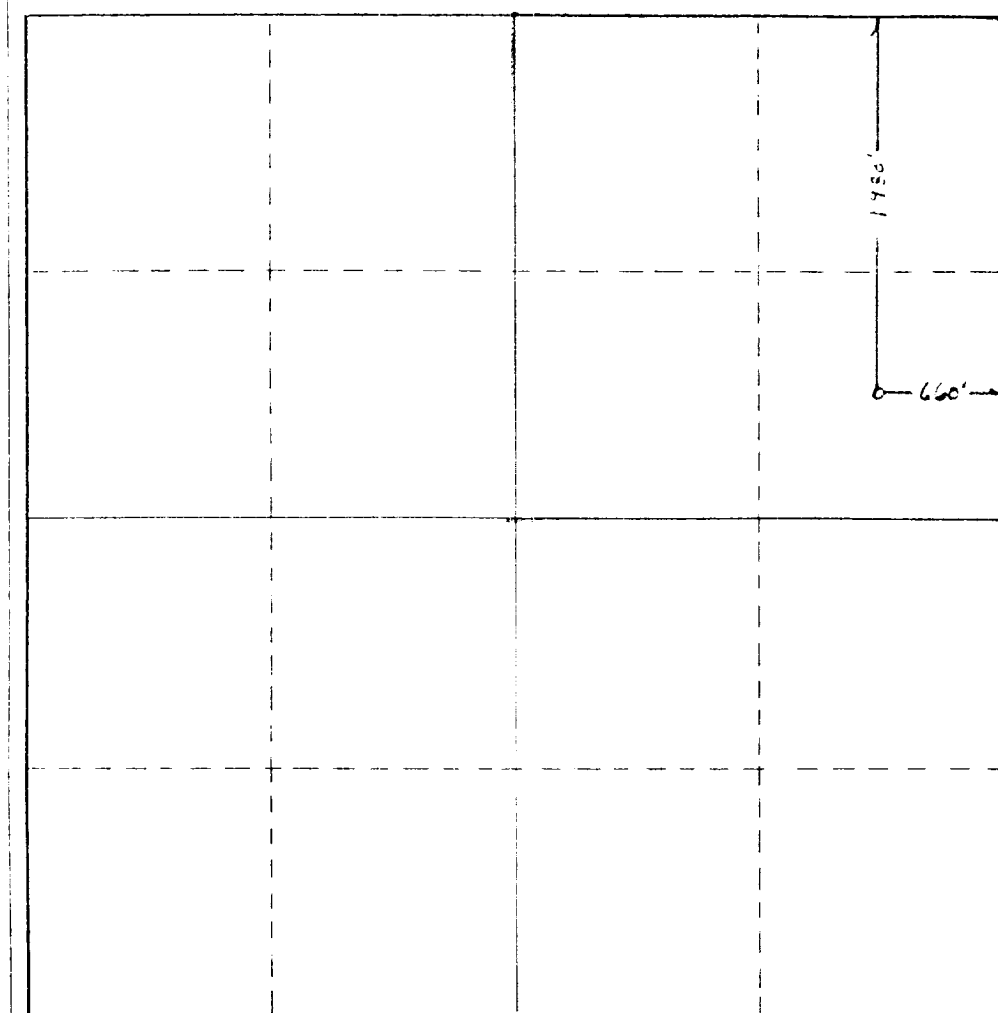
|                                         |               |                                            |                                |                                 |               |
|-----------------------------------------|---------------|--------------------------------------------|--------------------------------|---------------------------------|---------------|
| Operator<br>YATES PETROLEUM CORPORATION |               |                                            | Lease<br>Monaghan "QY" Federal |                                 | Well No.<br>6 |
| Tract Letter<br>H                       | Section<br>34 | Township<br>5 South                        | Range<br>24 East               | County<br>Chaves                |               |
| East of True Location of Well:          |               |                                            |                                |                                 |               |
| 1980                                    |               | feet from the                              | North                          | line and                        | 660           |
|                                         |               |                                            |                                | feet from the                   | East          |
| Actual Elevation<br>3972.0              |               | Producing Formation<br>Abo                 |                                | Dedicated Acreage:<br>160 Acres |               |
|                                         |               | Pool<br><del>Holes</del> . Pecos Slope Abo |                                |                                 |               |

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.

*Ken Beardemphl*

Name

Ken Beardemphl

Position

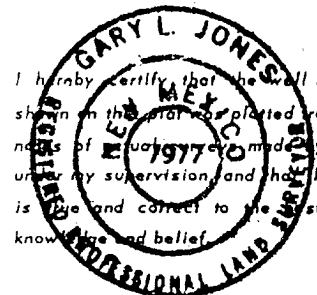
Regulatory Coordinator

Company

Yates Petroleum Corporation

Date

3/25/82



I hereby certify that the well location shown on this plat was plotted from field notes of a survey 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

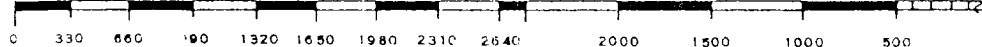
March 22, 1982

Registered Professional Engineer and/or Land Surveyor

*Sam Q. Jones*

Certificate No.

7977



## YATES PETROLEUM CORPORATION

Monaghan "QY" Federal #61980' ENL and 660' FELSection 34-T5S-R24EChaves County, New Mexico

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:

|            |       |
|------------|-------|
| San Andres | 550'  |
| Glerieta   | 1510' |
| Fullerton  | 2933' |
| Abo        | 3580' |
| TD         | 4200' |

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

Water: approximately 250- 350'

Oil or Gas: Abo 3600'

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

Logging: NCL-FEC TD to casing w/GR-CNL on up to surface and DLL from TD to casing

9. No abnormal pressures or temperatures are anticipated.

10. Anticipated starting date: As soon as possible after approval.

## EXHIBIT B



FOLLOWING CONTINUED MINIMUM BLOWOUT PROTECTION DISCHARGE

All preventers to be hydraulically operated and secondary manual control installed prior to drilling out from under control.  
Choke outlet to be a minimum of 3" diameter.  
Kill line to be of all steel construction of 1" minimum diameter.  
All connections from operating manifolds to preventers to be all steel, hole or tube a minimum of one inch in diameter.  
The available closing pressure shall be at least 15% in excess of that required with sufficient volume to operate the B.O.P.'s.  
All connections to and from preventer to have a pressure rating equivalent to that of the B.O.P.'s.  
Inside blowout preventer to be available on rig floor.  
Operating controls located a safe distance from the rig floor.  
Hole must be kept filled on trips below intermediate casing. Operator not responsible for blowouts resulting from not keeping hole full.  
D. P. float must be installed and used before any of first gas intrusion.

YATES PETROLEUM CORPORATION

