

NM OIL & GAS COMMISSION  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN ☐ ICATE\*  
(Other instructions on  
reverse side)Form approved,  
Budget Bureau No. 42 R1425

30-005-61321

RECEIVED

5. LEASE DESIGNATION AND SERIAL NO.

NM 30391

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Grafta "RW" Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

Undesignated Abo

11. SEC., T., R., M., OR BBL.  
AND SQUARE FEET AREA

11E-N

Sec. 13-15-R24E

12. COUNTY OR PARISH 13. STATE

Chaves

NM

14. NO. OF ACRES ASSIGNED  
TO THIS WELL

160

19. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START\*

ASAP

## 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 ☐

2. NAME OF OPERATOR

Yates Petroleum Corporation

3. ADDRESS OF OPERATOR

207 South 4th, Artesia, New Mexico 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any  
At surface

660' FSI &amp; 1980' FWL

At proposed prod. zone

SAME

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

32 miles NNE of Roswell, NM

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.

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

4089.8 GL

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	40.5# J-55	approx. 850'	565 sx. circulated
7 7/8"	4 1/2" or 5 1/2"	10.5 or 15.5#	TD	350 sx.

We propose to drill and test the Abo and intermediate formations. Approximately 850' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 7" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. Temperature survey will be run to determine cement top. 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 1500', Brine to 3200', Drispak and starch to TD.

BOP PROGRAM: BOP's will be installed in 10 3/4" casing 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

(This space for Federal or State office use)

TITLE Regulatory Manager

DATE 12/21/81

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL

APPROVED

(Orig. Sgd) ROGER A. CHAPMAN

DEC 30 1981

JAMES A. GILLHAM  
DISTRICT SUPERVISORPasted ID-1  
API + ML Book  
1-8-32

**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.

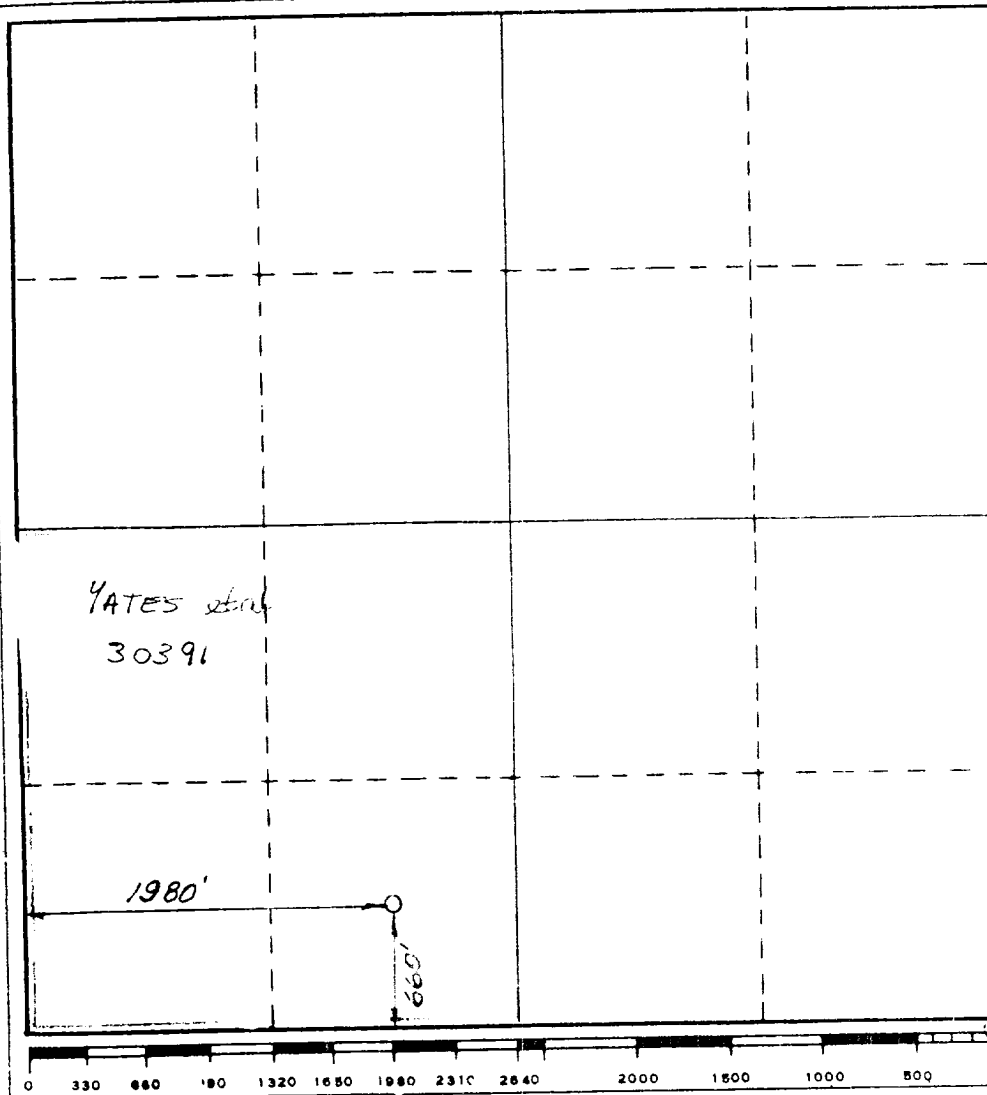
Operator <b>YATES PETROLEUM CORPORATION</b>			Lease <b>Grafa "RW" Federal</b>		Well No. <b>1</b>
Unit Letter <b>N</b>	Section <b>33</b>	Township <b>5</b>	Range <b>24</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>West</b> line and <b>660</b> feet from the <b>South</b> line					
Ground Level Elev. <b>4089.8</b>	Producing Formation <b>Abo</b>		Pool <b>Undesignated Abo</b>		Dedicated Acreage: <b>1.60</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 \_\_\_\_\_

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

Regulatory Manager

Company

Yates Petroleum Corporation

Date

12/15/81

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.

November 11, 1981

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

*Gliserio Rodriguez*

Certificate No. 3040

Yates Petroleum Corporation  
Grafo "RW" Federal #1  
1980' FWL & 660' FSL  
Section 33, T5S, R24E  
Chaves 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	562'	Abo	3630'
Glorieta	1574'	TD	4225'
Fullerton	3002'		

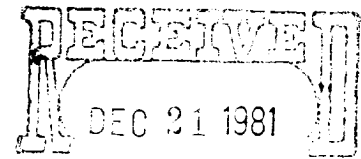
3. The estimated depths at which anticipated water, oil, or gas formations are expected to be encountered:

Water: Approximately 250' - 350'.

Oil or Gas: Abo 3650' - 4200'.

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.  
Logging: Surface casing to TD  
CNL-FDC TD to casing with GR/CNL on to surface and DIL from TD to casing.  
Coring: As warranted.
9. No abnormal pressure or temperatures are anticipated.
10. Anticipated starting date: As soon as possible after approval.

Yates Petroleum Corporation  
Grafo "RW" Federal #1  
1980' FWL & 660' TSL  
Section 33, T5S, R24E  
(Developmental well)



OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

This plan is submitted with Form 9-331C, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location, the construction activities and operations plan, the surface disturbance involved, and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the drilling of this well.

1. EXISTING ROADS.

Exhibit A is a portion of a map showing the roads in the vicinity of the proposed location. The proposed wellsite is located approximately 31 miles NNE of Roswell, New Mexico and the access route to the location is indicated in red and green on Exhibit A.

DIRECTIONS:

1. Proceed north of Roswell on Highway 285 for a distance of 31 miles.
2. Turn east and go approx. 7.5 miles. At the fork in the road turn northeast.
3. Travel northeast approx. .4 miles. The new road will start here going south.

2. PLANNED ACCESS ROAD.

- A. The proposed new access will be approximately 800' in length from point of origin to the southwest edge of the drilling pad. The road will lie in a north to south direction.
- B. The new road will be 12 feet in width (driving surface).
- C. The new road will be bladed with drainage on one side. No turnouts will be built.
- D. The new route has been flagged and the route of the road is visible.

3. LOCATION OF EXISTING WELLS.

- A. There are existing wells within a mile of the wellsite.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES.

- A. There are no production facilities on this lease at the present time.
- B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive of oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

5. LOCATION AND TYPE OF WATER SUPPLY.

- A. It is planned to drill the proposed well with a fresh water system. The water will be obtained from a water hauling company and trucked to the location.

6. SOURCE OF CONSTRUCTION MATERIALS.

- A. We intend to only water and blade this road and location.

7. METHODS OF HANDLING WASTE DISPOSAL.

- A. Drill cuttings will be disposed of in the reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be collected in tanks until hauled to an approved disposal system, or separate disposal application will be submitted to the USGS for appropriate approval.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.
- F. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches dirt. All waste material will be contained to prevent scattering by the wind.
- G. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operation.

8. ANCILLARY FACILITIES.

- A. None required.

9. WELLSITE LAYOUT.

- A. Exhibit C shows the relative location and dimensions of the well pad, the reserve pits, etc.
- B. The location surface is flat.
- C. The reserve pits will be plastic lined.
- D. A 400' x 400' area and road has been staked and flagged.

10. PLANS FOR RESTORATION OF THE SURFACE.

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk to leave the wellsite in as pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have dried and leveled.
- C. If the proposed well is non-productive, all rehabilitation requirements of the Operator-Landowner Agreement will be complied with as expeditiously as possible. All pits will be filled level within 90 days after abandonment.

11. OTHER INFORMATION.

- A. Topography: The land surface in the vicinity of the wellsite is flat. The immediate area of the wellsite discussed above in paragraph 9B.
- B. Flora and Fauna: The vegetation cover consists of tobosa, terpetine, pepper weed, and some mesquite. No wildlife was observed, but the wildlife in the area probably includes those typical of semi-arid desert land. The area is used for cattle grazing.
- C. The Pecos River is approximately six miles east.
- D. There are no inhabited dwellings in the area. See Exhibit A.
- E. Surface Ownership: The wellsite is on private surface and federal minerals.
- F. There is no evidence of any archaeological, historical or cultural sites in the area.

12. OPERATOR'S REPRESENTATIVE.

- A. The field representative responsible for assuring compliance with the approved surface use plan is:

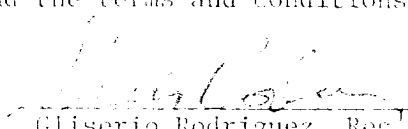
Gliserio "Rod" Rodriguez, Cy Cowan or Ken Beardemphl  
Yates Petroleum Corporation  
207 S. 4th Street  
Artesia, New Mexico 88210  
(505) 746-3558

13. CERTIFICATION.

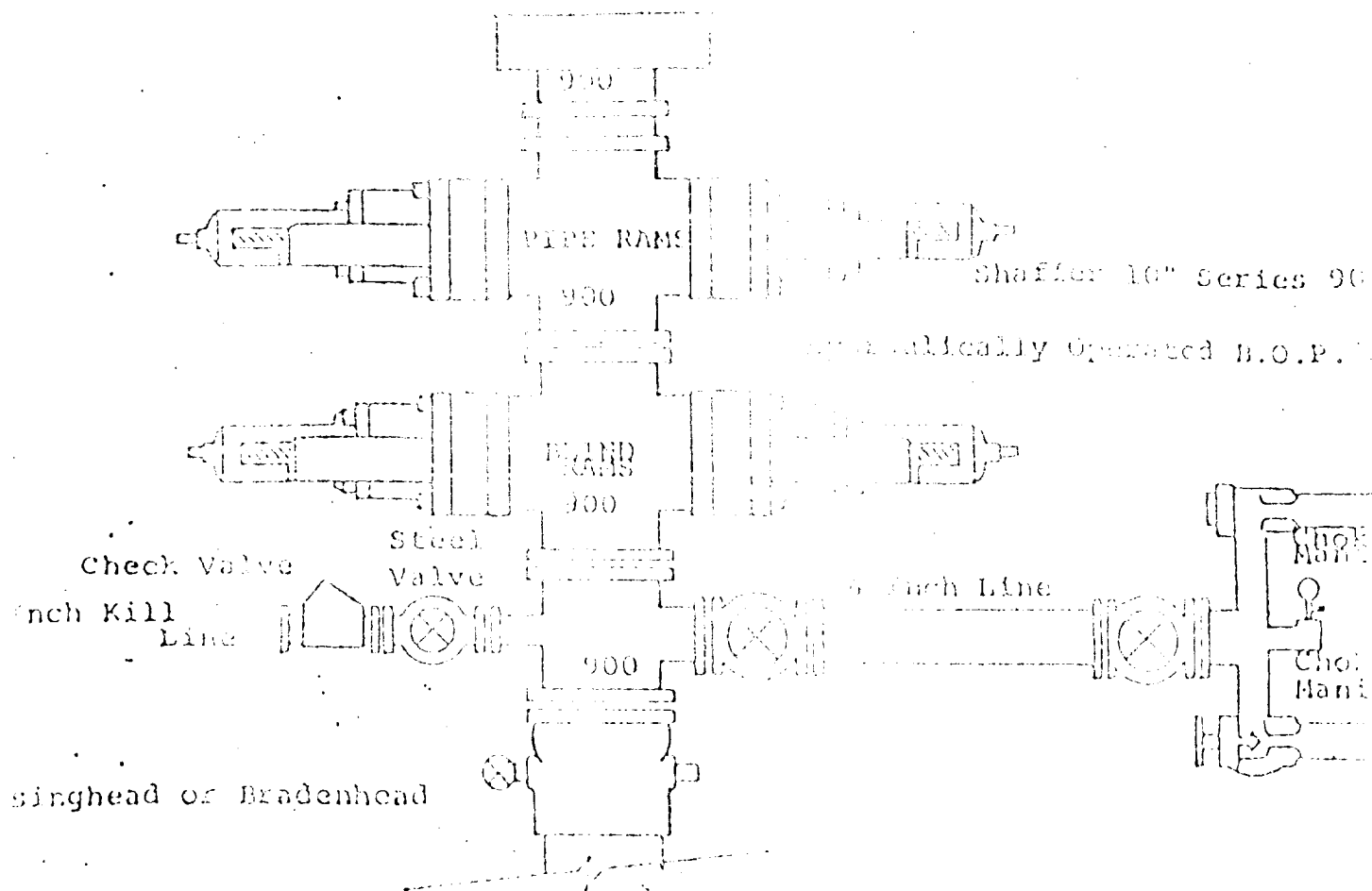
I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite and access route, that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and, that the work associated with the operation proposed herein, will be performed by Yates Petroleum Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

12/21/81

Date

  
Gliserio Rodriguez, Reg. Manager

# EXHIBIT 1



## FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REQUIREMENTS

All preventers to be hydraulically operated with secondary manual control installed prior to drilling out from under casing.

Choke outlet to be a minimum of 4" diameter.

Kill line to be of all steel construction of 2" 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 the required with sufficient volume to operate the B.O.P.'s.

All connections to and from preventers 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 below zone of first gas intrusion.