

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-005-60715

## 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 4th Street, Artesia, New Mexico 88210

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

At surface  
2310' FNL and FWL  
At proposed prod. zone

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

30 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)

2310'

## 18. DISTANCE FROM PROPOSED LOCATION\*

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

600'

## 16. NO. OF ACRES IN LEASE

1200

## 19. PROPOSED DEPTH

approx. 1000'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

## 20. ROTARY OR CABLE TOOLS

Small rotary

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

3803.1

## 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
12 1/4"	8 5/8"	20# X-42	300'	Circulate
7 7/8"	5 1/2"	15.5 K-55	1000'	Circulate

Propose to drill and test the lower San Andres formation. Will set about 300' of surface casing. If commercial, will run 5 1/2" casing and circulate the cement. Will perforate and stimulate as needed for production.

MUD PROGRAM: Native or FW gel if needed to clean hole.

BOP PROGRAM: Pipe rams will be set on 8 5/8" casing and tested.

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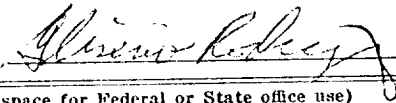
MAY - 1 1980

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

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



TITLE

Geographer

DATE

4/30/80

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

5-21-80

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.

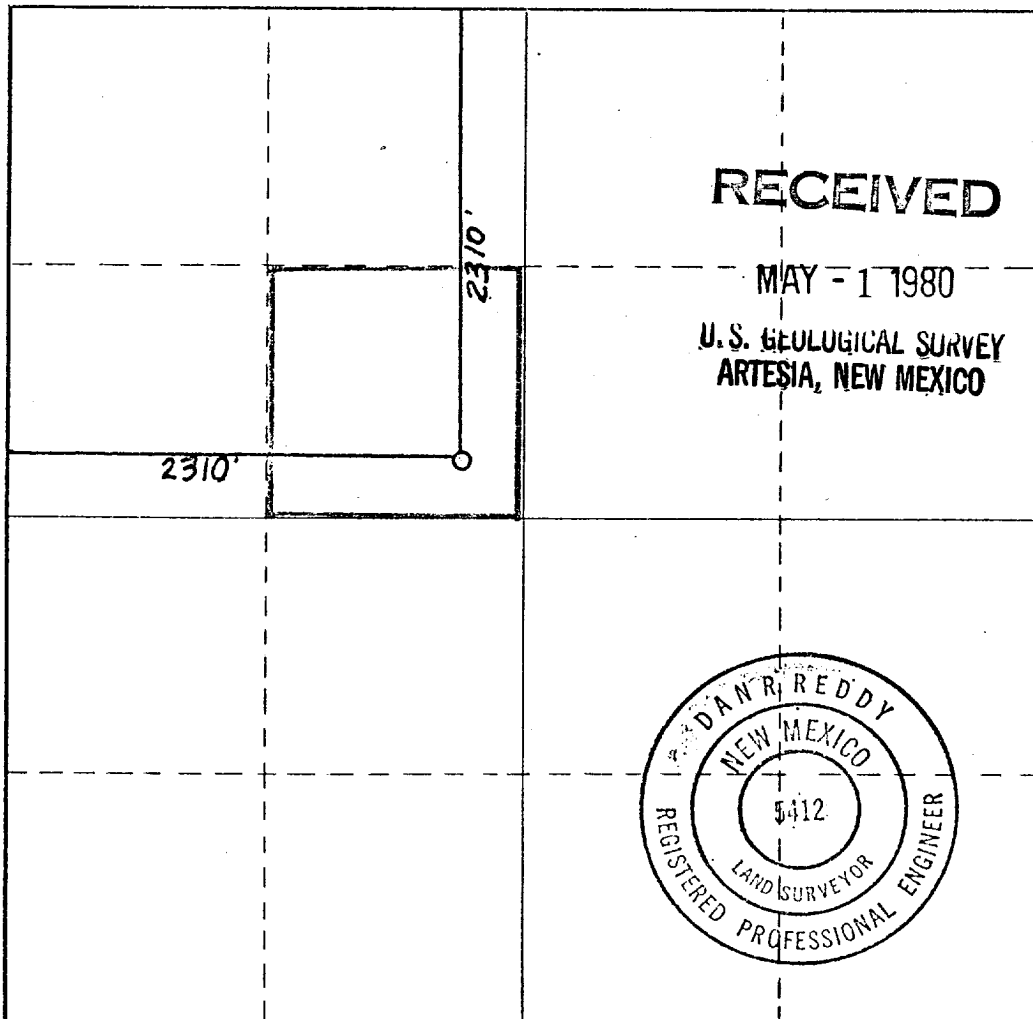
Operator <b>Yates Petroleum Corporation</b>			Lease <b>Thomas LN Federal</b>		Well No. <b>2</b>
Unit Letter <b>F</b>	Section <b>12</b>	Township <b>6 South</b>	Range <b>25 East</b>	County <b>Chaves</b>	
Actual Footage Location of Well: <b>2310</b> feet from the <b>North</b> line and <b>2310</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3803.1</b>	Producing Formation <b>SAN ANDES</b>		Pool <b>CHAVES, Unit 2A</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 **9-1-80**

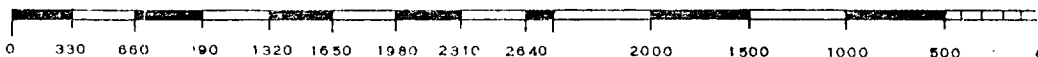
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed **Mar. 30, 1980**

Registered Professional Engineer and/or Land Surveyor

*Dan R. Reddy*  
Certificate No. \_\_\_\_\_

NMPE&LS #5412





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United States Department of the Interior

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

MAY 22 1980

O. C. D.

May 21, 1980 ARTESIA, OFFICE

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

Gentlemen:

YATES PETROLEUM CORPORATION  
Thomas "LN" Fed No. 2  
2310 FNL 2310 FWL Sec. 12 T.6S R.25E  
Chaves County Lease No. NM-10263

Above Data Required on Well Sign

Your APPLICATION FOR PERMIT TO DRILL the above-described well to a depth of 1,000 feet to test the San Andres 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 8-5/8" casing must be circulated.
8. 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*

George H. Stewart  
Acting District Engineer

Yates Petroleum Corporation  
Thomas "LN" Federal #2  
2310' FNL and 2310' FWL  
Section 12 - T6S - R25E  
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 estimate tops of geologic markers are as follows:

San Andres	616'
TD	1000'

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

Water: Approximately 170'

Oil: San Andres 950'

4. Proposed Casing Program: See Form 9-331C.
5. Pressure Control Equipment: See Form 9-331C.
6. Mud Program; See Form 9-331C.
7. Auxiliary Equipment: As required.
8. Testing, Logging and Coring Program:  
  
Samples: Surface casing to TD.  
DST's: None  
Logging: GRN surface to TD  
Coring: None
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated starting date: As soon as approved.

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MAY - 1 1980

U.S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

Yates Petroleum Corporation  
Thomas "LN" Federal #2  
Section 12 - T6S - R25E  
2310' FNL and 2310' FWL  
(Developmental Well)

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 county map showing the roads in the vicinity of the proposed location. The proposed wellsite is located approximately 30 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 from Roswell on Highway 285 for a distance of approximately 28 miles.
2. Turn east for approximately 14 miles and continue north for 3 3/4 miles. Then west for .8 of a mile to the Thomas "LN" #1 location. The new road will start at the east side of the pad going south.

2. PLANNED ACCESS ROAD.

- A. The proposed new access will be approximately 200' in length from point of origin to the southeast 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 covered with the necessary depth of suitable material. The surface will be crowned, with drainage on one side. No turnouts will be built.
- D. The new road has been flagged and the route of the road is visible.

3. LOCATION OF EXISTING WELL.

- A. There is one well 600' north and one 600' northwest.

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 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 the ranches and will be trucked to the location.

6. SOURCE OF CONSTRUCTION MATERIALS.

- A. No material will be used. This location will be scraped out.

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 operation 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 of 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 operations.

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., is not included as it will be a small rotary tool location 100' x 100'.
- B. The location surface is on a minor slope so cut and fill may be needed.
- C. The reserve pit needed will be very small.
- 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 and will be as expeditiously as possible. All pits will be filled leveled within 90 days after abandonment.

11. OTHER INFORMATION.

- A. Topography: The land surface in the vicinity of the wellsite is fairly flat. The immediate area of the wellsite is discussed above in paragraph 9B.
- B. Flora and Fauna: The vegetation cover consists of tobosa, terpine, pepper weed and 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 three and a half miles east.
- D. There are no inhabited dwellings or windmills within a mile of the vicinity of the proposed well.
- E. Surface Ownership: The wellsite is on fee surface with federal minerals. Surface owned by Corn Brothers, Inc.
- 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  
Yates Petroleum Corporation  
207 South 4th Street  
Artesia, New Mexico 88210  
(505) 746-3558

13. CERTIFICATION.

I hereby certify that I, or person 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 operations proposed herein will be performed by Yates Petroleum Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

4-50-80  
Date

Gliserio Rodriguez  
Gliserio Rodriguez, Geographer

EXHIBIT A  
Thomas "LN" Fed. #2  
Sec 12 T6S-R25E  
2310' FM & WL  
CHAUVES COUNTY

