

N.M.O.C.D. COPY

Amendment to Application for Permission to Drill

LOGAN DRAW "OT" FEDERAL #1  
1980' FNL and 1980' FWL  
Section 20 17s 27e

Road to location changed as requested by BLM.

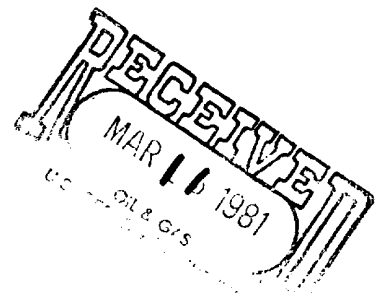
Caliche pit to be used is located: NE/SW of Section 29 17s 27e.

Cy Cowan

RECEIVED

MAR 27 1981

O. C. D.  
ARTESIA, OFFICE



## MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Yates Drilling Company  
Logan Draw Yeso "OT" Fed. #1  
1980' FNL & 1980' FWL  
(Exploratory 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 rehabilitation of the surface after completion of the well so that an appraisal can be made of the environment effected with this well.

### 1. EXISTING ROADS.

Exhibit A is a portion of a USGS topographic map showing the wells and roads in the vicinity of the proposed location. The proposed wellsite is located approximately 6 miles SE of Artesia, New Mexico and the access route to the location is indicated in red and green on Exhibit A.

#### DIRECTIONS:

1. Proceed east from Artesia on Highway 82 for a distance of approximately 5 miles.
2. Turn south on to a secondary paved road for approximately 1 mile. Turn east 1/2 mile to location.

### 2. PLANNED ACCESS ROAD.

- A. The proposed new access will be approximately 100' in length from point of origin to the edge of the drilling pad. Earthen ramp will be constructed over the pipeline going to location.
- B. The road will be 12 feet in width (driving surface), except at the point of origin, adjacent to the paved road, at which point enough additional width will be provided to allow the trucks and equipment to turn.
- C. The road will be covered with the necessary depth of caliche. The surface will be crowned, with drainage on one side. No turnout will be necessary.
- D. The road has been flagged and the route of the road is clearly visible.

### 3. LOCATION OF EXISTING WELLS.

- A. There aren't any well sights within a one-mile radius of the wellsite. See Exhibit A.

### 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 commercial sources and will be hauled to the location by truck over the existing and proposed roads shown in Exhibit A.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. Any caliche required for construction of the drilling pad will be obtained from the nearest public pit 1.5 miles to the south.

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 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 operations.

8. ANCILLARY FACILITIES.

- A. None required.

9. WELLSITE LAYOUT.

- A. The location is fairly flat.
- B. The reserve pits will be plastic lined.
- C. The pad area 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 aesthetically pleasing a condition as possible.

- B. Unguarded pits, if any, containing fluids will be fenced until they have been filled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the BLM and the USGS will be complied with and will be accomplished 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 gently sloping. The immediate area of the wellsite is discussed above in paragraph 9A.
- B. Flora and Fauna: The vegetation cover consists of prairie grass, prairie flowers, greasewood and miscellaneous desert growth. 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 flows north to south within a mile of the location.
- D. There are no inhabited dwellings in the vicinity of the proposed wells.
- E. Surface Ownership: The wellsite is on fee surface owned by G.I. Johnson, Artesia, New Mexico
- F. There is no evidence of any archeological, 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 are:

Gliserio "Rod" Rodriguez or Cy Cowan  
Yates Petroleum Corporation  
207 South 4th Street  
Artesia, New Mexico 88210

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 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.

2-27-81  
Date

Gliserio Rodriguez  
Gliserio Rodriguez, Geographer

ARTES A SMILES

Gates Drilling Company

Logan House "Yaso" OT "5/11"

SEC. 70-T17S-R27E

1980' FNL &amp; 1980' FWL

EDDY COUNTY, N.M.

EXHIBIT A

