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MEXICO OIL CONSERVATION COMMIS

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Form C-102 Supersedes C-123 Effective 1-1-65

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Yates Petroleum Corporation Thomas "LN" Federal #3 1980' FNL and 1980' FWL Section 14 - 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	506'	Wolfcamp	4289'
Glorietta	1568'	TD	4325'
Abo	3656'		

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

Water: Approximately 370'; 520'

Gas: 3680' - 4275'

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- 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.

Yates Petroleum Corporation Thomas "LN" Federal #3 Section 14 - T6S - R25E 1980' FNL and 1980' FWL (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 rehavilitating the surface after completion of the operate also 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. Go to the Powers "OL" Fed #4 location. The new road will start here following the existing ranch road going off the southwest corner of the pad.
- 2. Continue west for approximately .5 of a mile (crossing pipeline along the way).
- 3. Location will be to the south approximately .1 of a mile from the rut road.
- 4. Road will enter the southeast corner of the pad.
- 2. PLANNED ACCESS ROAD.
 - A. The proposed new access will be approximately .5 of a mile in length from 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 watered and bladed. 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 are wells to the east & southeast of the location, check exhibit A.
- 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES.
 - A. There are 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.

Thomas "LN" Federal #? Page 2

- 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 watered and bladed.
- 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 ap 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 day 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.
 - B. The location surface is on a minor slope so cut and fill may be needed.
 - C. The reserve pit will be 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 cleaned of all trash and junk to leave the wellsite in as pleasing a condition as possible.

Thomas "LN" Federal #3 Page 3

- 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, terpentine, pepper weed and mesquite. No wildlife was observed, but the wildlife in the area probably includes thos typical of semi-arid desert land. The area is used for cattle grazing.
 - C. The Pecos River is approximately four miles east.
 - D. There are no inhabited dwellings or windmills within a mild of the vicinity of the proposed well.
 - E. Surface Ownership: The wellsite is on fee surface with federal minerals. Sumiowned 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 or Cy Cowan 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 propose 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.

<u>Date</u>

Gliserio Rodriguez, Regulatory Mg







FOLLOWING CONSTITUTE MINIMUM BLOWOUT PREVENTER REOUTREMENTS

All preventers to be hydraulically operated with secondary manual contro 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 that required with sufficient volume to operate the B.O.P.'s.

All connections to and from preventer to have a pressure rating equivale 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

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