

MULTI-POINT SURFACE USE AND OPERATORS PLAN

TEXACO INC.

C. A. LOOMIS-FEDERAL NO. 1

1980 FNL & 1980 FEL, SEC.5

T-21-S R-32-E LEA COUNTY, NEW MEXICO

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude in rehabilitating the surface after completion of the operation so that a complete appraisal can be made of the environmental effects associated with the operation.

1. EXISTING ROADS

- A. Exhibit "A" is a portion of topographic map showing the location of the proposed well as staked. This location can be reached from the intersection of U. S. Highway 62 and 180, and State Highway No. 128 (approximately 0.6 mile northeast of Halfway, New Mexico). Proceed east on State Highway 176 for 0.8 mile to a cattle guard, turn right (south) along graded county road for 0.9 mile, turn left (east) on caliche lease road, at 0.3 mile road turns right (south), at 1.3 mile road turns left (east), at 2.3 miles to a point where a new lease road will be built south to the location. Exhibit "B" shows all roads within a one mile radius.

2. PLANNED ACCESS ROAD

- A. Length and Width: 2500' of new road will be built. It will be 12' feet wide and surfaced with 6" of caliche, watered, compacted and crowned to allow drainage. This new road is color coded and shown on Exhibit "A". The center line of the proposed new road has been staked and flagged with the flags being visible from any one to the next.
- B. Maximum Grade: The new access road is over flat sandy land.
- C. Turnouts: One passing turnout will be constructed as shown on Exhibit "B". These turnouts will increase the width of the road to 20 feet for a distance of 30 feet.
- D. Drainage Design: 6" of watered and compacted caliche will be used on the new road and the finished surface will be crowned to allow for drainage.

- E. Location and Size of Culverts: None will be required.
- F. Surface Material: Caliche will be used to surface the new road and well pad.
- G. Gates, Cattleguards or Fence Cuts: No gates or cattleguards will be required.

3. LOCATION OF EXISTING WELLS:

All existing wells within a one mile radius are shown on Exhibit "B".

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

- A. Location of the well and tank battery located on Texaco's New Mexico "CM" State Lease is shown on Exhibit "B". This lease is a part of the Little Eddy Unit.
- B. If the proposed well is completed as a producer, a tank battery (60' x 230') will be built at the southeast corner of the existing well pad. Since the tank battery will be built on the well pad no additional surface will be disturbed and no flow line will be needed.

5. LOCATION AND TYPE OF WATER SUPPLY

Water for drilling this well will be purchased commercially at Arkansas Junction and trucked to the drill site over the route described in Item 1.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. Caliche for the road and well pad will be obtained from an existing pit located in Lot 3, Section 4, T-21-S, R-32-E, Lea County, New Mexico.
- B. This caliche pit is located on Federal land. The contractor who builds the road and well pad will haul the materials from the pit to the road and well pad on roads as shown in Exhibit "B".

7. METHOD OF HANDLING WASTE DISPOSAL

- A. Drilling cuttings will be disposed of in the drilling pits.
- B. Drilling fluids will be allowed to evaporate in the drilling pits until they are dry.

- C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.
- D. Current laws and regulations pertaining to the disposal of human wastes will be complied with.
- E. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind. Location of trash pit is shown on Exhibit "C".
- F. All trash and debris will be removed from the well site within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES

- A. None will be required.

9. WELL SITE LAYOUT

- A. Exhibit "C" shows the relative location and dimensions of the well pad, mud pits, reserve pit, trash pit and location of major rig components.
- B. Only minor leveling will be required. No significant cuts and fills will be necessary.
- C. The reserve pit will be plastic lined.
- D. The pad and pit area has been staked and flagged.

10. PLANS FOR RESTORATION OF THE SURFACE

- A. After completion of drilling and completion operations, all equipment not needed for operations will be removed. Pits will be filled and location cleaned of all trash and junk.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment, any special rehabilitation and/or revegetation requirements of the Surface Management Agency will be complied with and accomplished as expeditiously as possible.
- D. Drilling operations on this well will begin on August 15, 1979, and will be completed in 90 days.

11. OTHER INFORMATION

- A. Topography: Land surface is very sandy with numerous dunes and slopes to the northwest.
- B. Soil: Very sandy.
- C. Flora and Fauna: The vegetative cover is mesquite, shinnery oak and perennial native grasses. Wildlife in the area is typical of a semi-arid desert and includes coyotes, rabbits, reptiles.
- D. Ponds and Streams: There are no rivers, lakes or ponds in this area.
- E. Residences: The nearest ranch house is 1.6 miles west of the location.
- F. Land Use: Grazing.
- G. Surface Ownership: Wellsite and road is on Federal surface.

12. OPERATOR'S REPRESENTATIVE

The field representative responsible for assuring compliance with the approved surface use and operations plan are as follows:

H. S. Messimer
Box 1065
Eunice, New Mexico
Office 'Phone (505) 394-2585

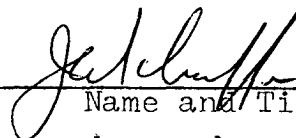
J. A. Schaffer
Box 728
Hobbs, New Mexico
Office 'Phone: (505) 393-7191
Home 'Phone : (505) 392-8387

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 Texaco Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

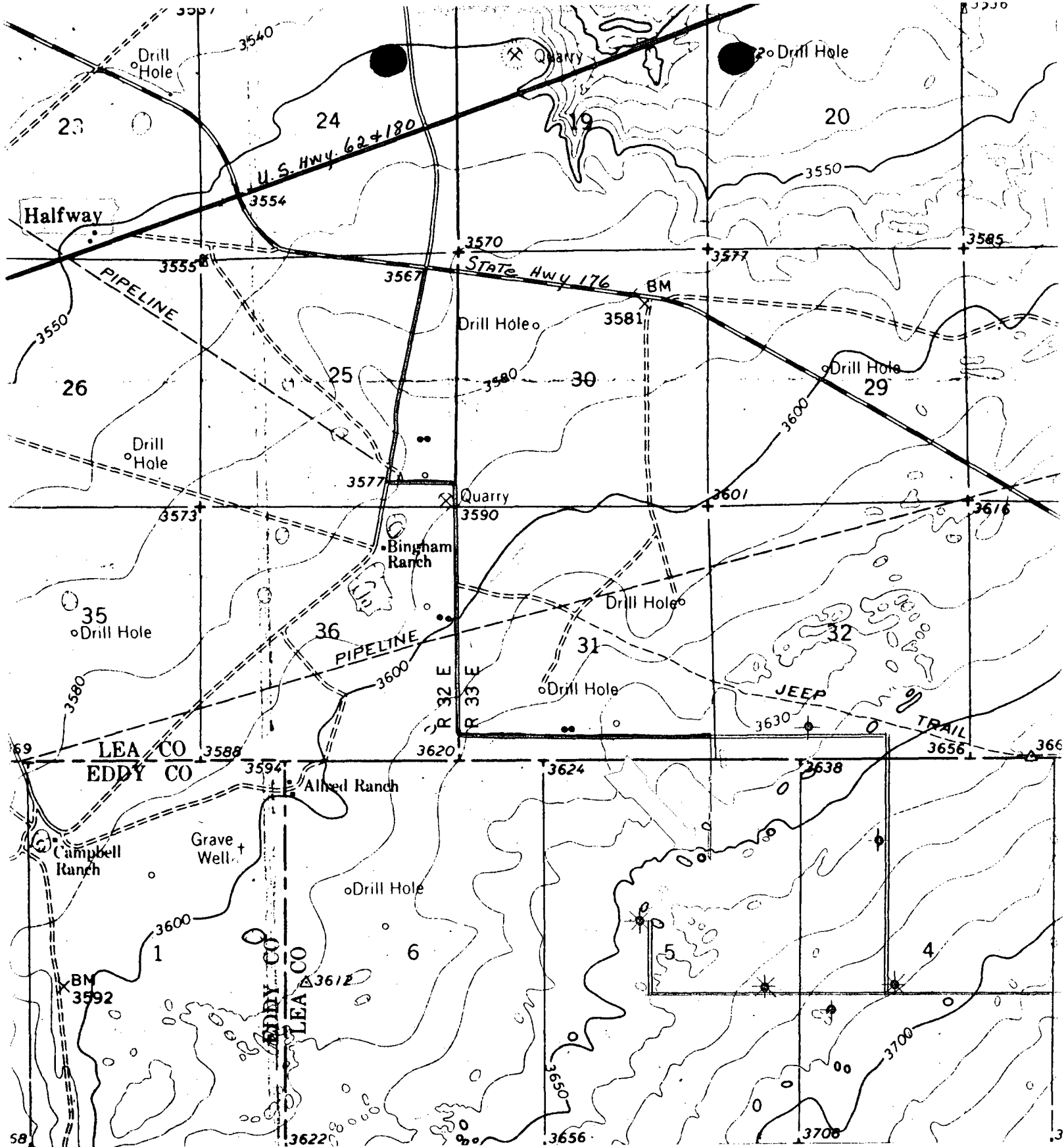
7-16-79

Date



Name and Title

Asst Dist Supt



LEGEND

- STATE HIGHWAY
- GRADED ROAD
- NEW LEASE ROAD

EXHIBIT "A"

TEXACO INC.
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