

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

UNION OIL COMPANY OF CALIFORNIA

PIPELINE FEDERAL DEEP UNIT WELL NO. 2

760' FNL & 2050' FEL, Section 18, T-19-S, R-34-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 of necessary surface disturbance involved and the procedures to be followed 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 drawing of a highway map showing the location of the proposed location. Thirteen and one half miles west of Arkansas Junction (26.5 miles west of Hobbs), New Mexico, on US Highway 62 & 180, go north across cattle guard and 3.6 miles on caliche road to old Carlsbad Highway. Turn left (West) 1.75 miles on caliche road and then north 1.8 miles to the proposed location.
- B. Exhibit "B" is a map showing all existing roads within a 3 mile radius of the well site and the planned access road. The well is located within of an existing caliche road.
- C. All existing oil field caliche roads and private ranch roads will be repaired as necessary. Repairs will consist of replacing the eroded caliche surface with a new caliche surface 6 inches deep and 12 feet wide, watered and compacted.

2. PLANNED ACCESS ROADS:

- A. Length and Width: The new road required will be 12 feet wide and feet long.
- B. Surfacing Material: Six inches of caliche, watered, compacted and graded.
- C. Maximum Grade: 3 Percent.
- D. Turnouts: None required.
- E. Drainage Design: New road will have a drop of 5-6 inches from center line on each side.

2. PLANNED ACCESS ROADS - Cont'd

- F. Culverts: None required.
- G. Cuts and Fills: None required.
- H. Cattleguards: None required.

3. LOCATION OF EXISTING WELLS:

- A. Existing wells within a one-mile radius are shown on Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES:

- A. Location of the proposed tank battery and flow line from well No. 2 are shown on Exhibit "D". There are no water disposal lines or injection lines.
- B. If the well is productive, the tank battery and flow line will be located on the well pad and no additional surface disturbance will occur.

5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water will be purchased and trucked to the wellsite over the existing and proposed roads shown on Exhibits "A" and "C".

6. SOURCE OF CONSTRUCTION MATERIALS:

- A. Caliche for surfacing the road and the well pad will be obtained from an existing pit 6/10 mile north of the proposed location as shown on Exhibit "B".

7. METHODS OF HANDLING WASTE DISPOSAL:

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

7. METHODS OF HANDLING WASTE DISPOSAL - Cont'd

- D. Current laws and regulations pertaining to the disposal of human waste 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 buried or removed from the well site 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, mud pits, reserve pit, trash pit and location of major rig components.
- B. Only minor leveling of the well site will be required. No significant cuts and fills will be necessary.
- C. Part of 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/or completion operations all equipment and other material not needed for operations will be removed. Pits will be filled and location cleaned of all trash and junk to leave the well site in an aesthetically pleasing condition as possible.
- 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. All pits should be filled and leveled within 90 days after abandonment.

11. OTHER INFORMATION:

- A. Topography: Land surface is undulating to gently rolling and dunny.
- B. Soil: Soil is a deep fine sand underlain by caliche.

11. OTHER INFORMATION - Cont'd

- C. Flora and Fauna: The vegetative cover is generally sparse and consists of mesquite, yucca, shinny oak, sandsage and perennial native range grasses. Wildlife in the area is that typical of semi-arid desert land and includes coyotes, rabbits, rodents, reptiles, dove, quail and an occasional antelope.
- D. Ponds and Streams: There are no rivers, streams, lakes or ponds in the area.
- E. Residence and Other Structures: The nearest occupied dwelling is a ranch house 3 miles south west of the wellsite. No water in area.
- F. Archeological, Historical and Cultural Sites: None observed in the area.
- G. Land Use: Grazing and hunting in season.
- H. Surface Ownership: Wellsite and roads are on Federal surface.

12. OPERATOR'S REPRESENTATIVE:

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


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13. CERTIFICATION:

I hereby certify that I, or persons under by 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 Union Oil Company of California and its contractors and sub-contractors in conformity with this plan, and the terms and conditions under which it is approved.

12-19-78
Date


Name and Title

Dist Dirly Sept.