

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Petro-Lewis Corporation
#7-27 Federal
SW NE Section 27-19N-3W
Sandoval County, New Mexico

1. Existing Roads. See attached map, Fig. 1.
Should production be encountered, existing roads leading from Section 22 to the location will be improved as required to withstand the traffic.

2. Planned Access Roads. See attached map, Fig. 2.
Existing roads will be used insofar as possible. Proposed temporary access roads are shown in Fig. 2. Proposed access road specifications are as follows:

Width - approximately 16 feet

Maximum grade - 5%

Turnouts - none planned

Drainage design - the temporary access roads will be flat-bladed only, to preserve vegetation and minimize surface disturbance. In the event production is obtained, the roads will be crowned in the center and barrow ditches will be dug on both sides of the road. The road will be widened to approximately 20 feet at this time.

Location and size of culverts - none required

Surfacing material - none planned for temporary access roads.

Gravel will be applied where necessary on permanent roads.

No fences will be cut and no cattleguards are required.

3. Location of Existing Wells. See Fig. 3.
4. Location of tank batteries, production facilities and production, gathering and service lines. See Fig. 4.
All existing flow lines are buried. In the event production is established, control production facilities will be located as shown on Figs. 2 and 4. The outside dimensions of the central facilities pad will be approximately 600 feet x 600 feet. The facilities will consist of storage tanks, oil-water separation vessels and a pump station. The facilities pad will be gravelled for all-weather usage. The facilities will be constructed of metal, insulated appropriately. All fluid handling systems will be closed tanks, presenting no hazard to wildlife or livestock.
5. Location and type of water supply.
Water for drilling and testing purposes will be obtained from the Petro-Lewis Corporation water supply well, located in the SE SW Section 14-19N-3W. The water will be pumped to the drillsite through 4-inch, aluminum irrigation pipe laid on the surface.

6. Source of construction materials.

Materials such as gravel, stone and sand will be obtained from local independent contractors.

7. Materials for handling wasted disposal.

A burn pit will be dug on the drillsite to handle garbage. The garbage will be burned in the pit and the pit will be closed in after drilling operations are completed. A portable chemical toilet will be present on location. Drill cuttings and drilling fluids will be contained in a reserve pit. The reserve pit will be closed in and backfilled after the pit is dry. The pits will be fenced to prevent hazards to livestock if necessary. Oil and water recovered during testing operations will be contained in steel test tanks and transported by truck for disposal into injection or sales facilities.

8. Ancillary facilities.

No ancillary facilities such as camps and airstrips will be constructed.

9. Wellsite layout. See attached diagrams.

10. Plans for restoration of the surface.

If production is not obtained, the pits will be closed in and backfilled when dry. The surface will be restored as near as possible to original contours. The stockpiled topsoil will then be spread over the location. The location will be seeded as per BLM instructions. The drilling will commence about November 1, 1977. The location should be restored by March 1977 and the reseeding done by June 1977.

11. Other Information

Topography - rolling hills and meandering draws

Soil characteristics - sandy clay

Formation lithologies - interbedded sandstone and shale.

Sandstone ledges cap the hills and mesas. The draws are generally partially filled with alluvium.

Vegetation - 20% native grasses, occasional cedar shrub,
80% barren

Surface ownership - federal

No streams or water-filled ponds present in the area.

No occupied dwellings present in vicinity.

Location on gentle slope of hillside. Steep hillside 100 yards± north of drillsite.

No historical or archeological sites noted in vicinity.

12. Operator's representative:

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P.O. Box 2250
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13. 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 Petro-Lewis Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date: 9/29/46

F.A. Wise

F. A. Wise
Manager of Operations

FAW: dls