

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Cities Service Company
Well No. 1 Federal "N"
1980' FSL, 660' FEL, Section 5-23S026E
Eddy County, New Mexico
Lease No. NM 13984

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to identify 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 associated with the operation.

The well has been staked by a Registered New Mexico Land Surveyor and the work area and access road has been staked and flagged. Dr. J. Loring Haskell has been engaged to make an Archaeological Reconnaissance of the work area and access road. His findings concerning cultural resources will be reported to the Bureau of Land Management.

1. Existing Roads

A portion of an Eddy County highway map is attached showing the location of the well as staked. The existing road system and the well site are shown in relation to the City of Carlsbad, New Mexico.

Directions to the location: Go south of Carlsbad toward El Paso on Federal Highway 62-180. Turn right on black topped road at "Stuckey's" and go five (5) miles in a southwesterly direction. Turn left off black top on existing ranch road. The planned access road will start at this point.

2. Planned Access Road

- A. The planned access road is staked and flagged. The first 2100' will utilize an existing ranch road that will be upgraded. The remaining 2900' will be newly constructed. The existing ranch road is color coded solid red and the new road shows as dashed red on the USGS "West Carlsbad New Mexico" quadrangle map. The finished roads will measure 12' wide.
- B. Surfacing Material: Six inches of caliche, watered, compacted and graded.
- C. Maximum grade: 3%
- D. Turnouts: One at halfway point of existing ranch road and one at halfway point of new access road. These turnouts will increase the width of the road to 20' for a distance of 30'.
- E. Drainage design: New road will have a drop of 6" from center line on each side.
- F. Culverts: None needed.