

ROAD LOG TO PROPOSED DRILLSITE

STARTING POINT is the intersection of State Highways NM-360 and NM-31 near the PCA Mine. This point is 13.9 miles east on US-82 from Artesia, N. M. and then 19.2 miles southeast on NM-360.

- 0.00 Turn northeast on NM-31 and follow NM-31 for a distance of 3.23 miles.
- 3.23 Turn left (north) on a lease road and proceed in a northerly and northeasterly direction for a distance of 1.52 miles to a fork in the road.
- 4.75 Take right fork (southeast) and proceed for a distance of 0.10 mile to the east side of the well pad for No. 1 Southern Union.
- 4.85 New road will start at this point. Continue straight ahead for a distance of 0.08 mile to the west edge of the proposed well pad.
- 4.93 PROPOSED DRILLSITE (No. 3 Southern Union-Federal)

THIRTEEN POINT PROGRAM

1. EXISTING ROADS:

- A. Existing roads, which lead to the proposed drillsite, are shown on Exhibits "A" & "C".

2. PROPOSED NEW ACCESS ROAD:

- A. Dimensions: Proposed new road is shown on Exhibit "C" and will be 12' wide and 400' in length. It will originate at the east edge of Well No. 1 and will terminate at the west edge of the proposed well pad. The center of the proposed new road has been staked and flagged.
- B. Surfacing Material: The new road will be surfaced with caliche.
- C. Maximum Grade: Approximately 2 percent.
- D. Turnouts: None planned.
- E. Drainage Design: New road will be crowned with drainage to the side.