

ROAD LOG TO PROPOSED DRILLSITE

STARTING POINT is 5.2 miles east of Loco Hills, New Mexico at the intersection of NM-31 with US-82.

- 0.00 Turn right (south) and proceed on NM-31 in a southerly direction for a distance of 8.61 miles to County Road E-249.
- 8.61 Turn left (east) and proceed on E-249 in an east-northeasterly direction for a distance of 1.52 miles to crossroads.
- 10.13 Turn right (south) and proceed on the lease road in a south-southwesterly direction for a distance of 0.23 mile to Well #4.
- 10.36 New road will be gin at this point. Turn left (east) and proceed in an easterly direction for a distance of 0.10 mile to the west edge of the proposed well pad.
- 10.46 DRILLSITE (Well #5 McFadden Federal).

THIRTEEN POINT PROGRAM

- 1. EXISTING ROADS: Existing roads, which lead to the proposed drillsite, are shown on Exhibits "A", "B" and "C".
- 2. PROPOSED NEW ROAD: Proposed new access road will be 0.10 mile in length. Exhibit "C" shows proposed route which will originate at mileage-10.36 on the road log and will terminate at the west edge of the proposed drill pad. The center of the proposed new road has been staked and flagged.
 - A. Width: 15 feet with 24-foot R-O-W.
 - B. Surfacing Material: The new road will be surfaced with caliche.
 - C. Maximum Grade: Less than one percent.
 - D. Turnouts: None necessary.
 - E. Road Design: New road will be crowned with drainage to the side.
 - F. Culverts: None necessary.
 - G. Gates, Cattleguards: None necessary.