

## 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 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 a crossroad.
- 10.13 Turn right (south) and proceed on lease road in a south-southwesterly direction for a distance of 0.40 mile.
- 10.53 Turn left (east) and proceed in an easterly direction for a distance of 0.14 mile to south edge of #3 McFadden well pad.
- 10.67 New road will begin at this point. Turn right (south) and proceed in a southerly direction for a distance of 0.09 mile to the north edge of the proposed well pad.
- 10.76 PROPOSED DRILLSITE (Well #6 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 0.09 mile in length. Exhibit "C" shows proposed route which will originate at mileage-10.67 on the road log and will terminate at the north 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 constructed by clearing and leveling the right-of-way and surfacing the driving area with caliche.
  - F. Culverts, Gates, Cattleguards: None necessary.