

1. Existing Roads:

- A. The proposed well site is shown on Exhibit "A".
- B. Exhibit "E" shows the existing access roads to the proposed location. The site is located 11 miles south of Bloomfield on Highway 44, then 3 miles southwest, and then 1 mile northwest to the location.
- C. Final access roads into the site are coded green.
- E. This well is classified as development and roads are shown on Exhibits "E" and "F".
- F. The existing gravel roads will be maintained during the drilling phase of this well. No improvements are planned.

2. Planned Access Roads:

Planned Access Roads are shown on Exhibit "F".

- (1) Width will not exceed 20 feet.
- (2) Maximum grades will not exceed 5%.
- (3) No turnouts are to be constructed.
- (4) No additional drainage construction is deemed necessary other than minor ditching.
- (5) No culverts, cuts, or fills are required.
- (6) The use of surfacing material is not planned at this time.
- (7) No gates, cattleguards, or fence cuts are necessary.
- (8) The new access road into the location is flagged.

3. Location of Existing Wells:

All existing wells are shown on Exhibit "F".

- (1) Water wells - No shallow, domestic nor deep, high volume wells are known to be in the immediate area.
- (2) Abandoned wells - As shown on Exhibit "F"
- (3) Temporarily abandoned wells - none
- (4) Disposal wells - none
- (5) Drilling wells - none
- (6) Producing wells - as shown on Exhibit "F"
- (7) Shut in wells - none
- (8) Injection wells - none
- (9) Monitoring or observation wells for other resources - none

4. Location of Existing and/or Proposed Facilities:

A. Existing facilities owned or controlled by operator within a one-mile radius of this location:

- (1) No tank batteries
- (2) Two West Kutz Pictured Cliffs wells ;
The Mudge "B" 1 (NE $\frac{1}{4}$ - Sec. 29)
Federal 32 No. 41 (NE $\frac{1}{4}$ - Sec 32)
- (3) No oil gathering lines
- (4) No gas gathering lines
- (5) No injection lines
- (6) No disposal lines

B. Proposed facilities in the event of a producing well are shown on Exhibit "H".

- (1), (2) - As shown on Exhibit "H".
- (3) Area to be used will be levelled. Native material will be used in the construction of the location.
- (4) The pit will be fenced and flagged to discourage the entry of livestock, wildlife, and waterfowl.

C. All disturbed areas not needed for operations will be rehabilitated in the manner described in Item 10.

5. Location and Type of Water Supply:

- A. Water will be obtained from the San Juan River or purchased from private sources.
- B. Water will be hauled by truck.
- C. No water well will be drilled on the lease.

-Over-

Exhibit "D"

6. Source of Construction Materials:
- A, B, C, and D - No construction material is needed except as previously noted. Any materials required will be purchased from private sources.
7. Methods for Handling Waste Disposal:
- (1) Drill cuttings will be buried in the reserve pit.
- (2) Drilling fluids will be placed in the reserve pit and allowed to evaporate.
- (3) Produced fluids such as oil and formation water will be collected in a test tank.
- (4) Sewage will be contained and a suitable chemical will be used to decompose waste.
- (5) Garbage and other waste material will be placed in a trash pit and burned and later buried.
- (6) Upon completion of drilling, all trash and litter will be buried in the trash pit. The reserve pit will be fenced until dry at which time it will be backfilled.
8. Ancillary Facilities:
- No camps or airstrips are planned.
9. Well Site Layout:
- (1) See Exhibit "G"
- (2) See Exhibit "H"
- (3) See Exhibit "H"
- (4) The reserve pit will be unlined.
10. Plans for Restoration of Surface:
- (1) All topsoil that is stripped and stockpiled will be replaced and the site will be backfilled, leveled, and contoured. Waste will be buried or hauled away upon completion of drilling.
- (2) Rehabilitation will consist of respraying and contouring stockpiled topsoil. Revegetation will consist of seeding with mixture as specified by BLM or landowner. If the well is dry, a dry hole marker will be erected, and the access road will be plowed, ripped, and reseeded as requested.
- (3) Prior to rig release, the reserve pit will be fenced and so maintained until the pit is dry enough to backfill.
- (4) If oil is in the reserve pit, it will be removed or the pit will be flagged to discourage livestock, wildlife, and waterfowl from entering the area.
- (5) Rehabilitation will begin immediately after drilling operations are finished. It is expected that all rehabilitation will be completed during the fall of 1981.
11. Other Information:
- (1) The topography of the area generally slopes toward Gallegos Canyon approximately four miles in a southwesterly direction. The surface soils contain sand and shale of the Wasatch formation. Vegetation is comprised of grass, sagebrush, and rabbit brush.
- (2) The area is occasionally used for cattle grazing. The surface owner of record is: Navajo Tribe in Trust - U.S.A.
- Drawer "E"
- Window Rock, Arizona 86515
- The Bureau of Indian Affairs has included this area within the Navajo Indian Irrigation Project. In order to avoid interference with sprinkler operation, the wellhead and adjacent facilities will conform to N.I.I.P. requirements.
- (3) The nearest known water source is the San Juan River north of this location. No known occupied dwellings, archaeological, historical, or cultural sites exist in the immediate area.