

Application for Surface Use and Operations Plan

ARCO Oil and Gas Company

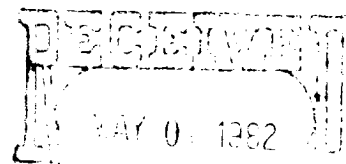
Division of Atlantic Richfield Company

Well No. 23 - J. H. McClure "E"

Lea County, New Mexico

Lease, New Mexico NM-10189

Development Well



OIL & GAS
U.S. GEOLOGICAL SURVEY
TOSWELL, NEW MEXICO

This plan is submitted with the Application for Permit to Drill the above described well. The purpose of the plan is to describe 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 so that a complete appraisal can be made of the environmental effects associated with the operation.

1. Existing Roads:

- A. Exhibit "A" is a portion of a map with highways showing the location of the proposed well as staked. From junction St.Hwy 18 & 128 in Jal,N.M, go North 3.4 mi, turn right on blacktop County Road #13, go 3.0 mi to stop sign, turn left on blacktop, go .7 mi, turn right at cattleguard on existing caliche road, go 2.5 mi, turn left thru cattleguard on existing caliche road, go 1.4 mi, turn right, go .3 mi on existing road to J.H.McClure B #22, turn left, go .3 mi to proposed wellsite.
- B. Exhibit "B" is a plat showing all existing roads within a one mile radius of the wellsite and the planned access road.

2. Planned Access Roads:

- A. New road required will be 12' wide and 1382' long. This new road is labeled on Exhibit "B" color coded red. The proposed new road has been staked from the beginning to the wellsite. The well location has been staked and flagged. The site is visible north of the existing J.H.McClure "B" bttty.
- B. Turnouts: None
- C. Culverts: None
- D. Cuts & Fills: 1' cut on southeast corner of wellsite and 1' fill on northwest side.
- E. Gates, Cattleguards: None

3. Location of Existing Wells:

- A. Existing wells within a one mile radius are shown on Exhibit "B".

4. Location of Existing and/or Proposed Facilities:

- A. Location of the proposed surface production equipment if well is completed as a producer is shown on Exhibit "D". Any production equipment installed will be within existing well pad boundaries. The pad will be approximately 250' x 150'. The proposed flow line will be located along proposed new road from well to battery. The flow line will be installed on top of ground.