

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

Hat Mesa No. 1

1980' FNL & 660' FWL, Sec 10, T-21-S, R-32-E

Lea County, 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 rehabilitate the surface after completion of operations so that an appraisal can be made on environmental effects.

1. Existing roads including location of exit from main highway. From Highways U.S. 180-62, turn southeast onto Highway 176. Go approximately 5 miles and turn south on existing caliche road. Go 2 miles south and 1/2 mile west to existing well site. See Exhibit "A".
2. Planned access road (Width, maximum grade, turnout, drainage design, location & size of culverts & surfacing material, where fences will be cut, & where gates or cattleguard will be used.) Proposed access to well site will take off of existing caliche road. The road will be 12' wide and 2700' long with one turnout. Caliche will be watered, rolled & compacted. See Exhibit "B".
3. Location of existing wells Exhibit "B" shows locations of existing wells in a two-mile radius.
4. Location of tank battery and flow lines Production facilities will be located on the well pad if the well is found to be productive.

5. Location and type of water supply Water supply will be hauled from
Carlsbad, N. M. via Highways 62-180, 176 & existing field road.
6. Source of construction material Quarry is located one mile northeast
of location in Section 2. See Exhibit "B".
7. Methods of handling waste disposal:
- A. Drill cuttings will be disposed of in the drilling pits.
 - B. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.
 - C. Water produced during tests will be disposed of in the drilling pits. Oil produced during tests will be stored in test tanks until sold.
 - D. Current laws and regulations pertaining to the disposal of human waste will be complied with.
 - E. Trash, paper, garbage, and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste materials will be contained to prevent scattering by the wind. Location of trash pit is shown in Exhibit "C".
 - F. Trash and debris will be buried or removed from the well site within 30 days after finishing drilling and/or completion operations. (Note: All trash left on well site to be removed or buried within 30 days must be contained to prevent scattering.)
8. Ancillary facilities none required.
9. Well site layout Exhibit "C" shows the dimensions of the well pad
and reserve pits. The relative location of the major rig components,
trash pit, burn pit, etc., are also shown. Only minor leveling of the
well site will be required. The reserve pit will be lined. The pit and
pad area have been staked and flagged.

10. Plans for restoration of surface:

- A. Producing well - all pits will be cut, filled, and leveled as soon as practical to original conditions with rehabilitation to commence following removal of drilling and completion equipment.
- B. Dry hole - same as above with dry hole marker to be installed and surface reseeded if required. At the time of final abandonment, both USGS and BLM restoration stipulations will be complied with.

11. Other information:

- A. Terrain relatively flat
- B. Soil sandy
- C. Vegetation sparse, primarily mesquite with very little grass
- D. Surface use grazing
- E. Surface water none
- F. Water wells none within one mile
- G. Residences and buildings none within one mile
- H. Surface ownership The well site and access road are on federal land.
- I. Well signs posted at each drilling site.
- J. Open pits - all pits containing liquid or mud will be fenced.
- K. Archaeological resources none observed.

12. Operator's representative
(Field personnel responsible for compliance with development plan for surface use)

DRILLING
Mike Cure
Box 2760
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915-684-5723

PRODUCTION
Al Gallas
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13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Bass Enterprises Production Company and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

August 17, 1978
(Date)

Dene Young
(Name)
Engineer Assistant
(Title)

CEB:go