

660' FSL & 1980' FEL, Section 8-24S-24E, Eddy County, New Mexico

Surface Use Plan to Accompany "Applications to Drill, Federal Lease".

1. EXISTING ROADS: See Plat (Exhibits A&B) from Artesia go 23 miles south on U.S. 285 to El Paso Gap road (Hwy. 137), then west and south on 137 to highway marked 29 (all black-top), then southeast for 7 miles on county road to Dark Canyon, then south approximately 3 miles to Lechuguilla Canyon, and 2 miles west to Windmill.
2. PLANNED ACCESS ROADS: See Plat (Exhibits A & B) From windmill, proceed west and south up Lechuguilla Canyon and southwest out of the canyon onto the hilltop to existing trail, southeast along fence to flagging and east to location. Road to be bladed 12' wide with occasional turnout and caliche added to cover jagged rock surface. Approximately 2.4 miles, with 2 miles now passable. Minor cut-fill.
3. LOCATION OF EXISTING WELLS: See Plat (Exhibits A & B) There are two producing gas wells (Sections 8 and 16) and two dry deep tests (Sections 5 and 17) There are two windmills north and west of location (Sections 5 and 6).
4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION, GATHERING AND SERVICE LINES: See Plat (Exhibit C) Propose to set the production facilities on east end of the pad with steel flowlines on the surface and a fiberglass tank for produced water if any.
5. LOCATION AND TYPE OF WATER SUPPLY: See Plat (Exhibit B) Water will be trucked or piped (if practical) from any available commercial source.
6. SOURCE OF CONSTRUCTION MATERIAL: See Plat (Exhibit B) Will utilize material from bladed roadway and pad.
7. METHODS FOR HANDLING WASTE DISPOSAL: See Plat (Exhibit C) Well cuttings will be disposed of in the reserve pits; mud sacks, paper and garbage will be burned; garbage will be accumulated in trash barrels and disposed of by burning or buried three feet in the burn pit. If productive, produced water will be collected in a tank and hauled away.
8. ANCILLARY FACILITIES: None
9. WELL SITE LAYOUT: (rig, tanks, pits, racks, etc.) See Sketch (Exhibit C) Exhibit C shows position of drill pad, rig, reserve pits, burn pit, mud pits, jet sump, pipe racks, pumps, water tanks. Pad size - 270' X 220'; cut and fill approximately 2' cut from west side of pad to fill east perimeter of location. Reserve pit - 80' X 110'; plastic-lined. Pad is flagged with red tape. Pit area is flagged with orange tape.
10. PLANS FOR RESTORATION OF SURFACE: If well is productive, pits will be fenced until dry, then backfilled and levelled as soon as practical. Location will be cleaned, all excess material removed from location. Upon abandonment, location will be cleaned and levelled or restored in compliance with BLM stipulations.

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JAN 12 1979  
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