

## **MULTI-POINT SURFACE USE AND OPERATIONS PLAN**

**Amaranth "AMG" Federal Com #1  
1310' FNL and 2630' FEL Surface Location  
1980' FNL and 1980' FWL at Strawn depth  
2421' FNL and 1512' FWL at BHL  
Section 12-T20S-R30E  
Eddy County, New Mexico**

This plan is submitted with Form 3160-3, Application for Permit to Drill, covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the magnitude of the surface disturbance involved and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the environmental effect associated with the operations.

### **1. EXISTING ROADS:**

Exhibit A is a portion of BLM map showing the well and roads in the vicinity of the proposed location. The proposed well site is located approximately 25 miles northeast of Carlsbad, New Mexico, and the access route to the location is indicated in red and green on Exhibit A.

#### **DIRECTIONS:**

Go east of Carlsbad on Highway 62-180 for approximately 15 miles to Bluestem Road (360). Then Approximately 5 miles to Shugart Road (222) and turn south on caliche road approximately 3 miles. Follow caliche road approximately .8 of a mile to a two tract road going to the west. New road starts here following the two tract road most of the way to location.

### **2. PLANNED ACCESS ROAD**

- A. The proposed new access will be approximately 9300' in length from point of origin to the southwest edge of the drilling pad. The road will lie in a northeast to southwest direction.
- B. The new road will be 14 feet in width (driving surface) and will be adequately drained to control runoff and soil erosion.
- C. The new road will be bladed with drainage on both side. Some traffic turnout will be built.
- D. The route of the road is visible.

### **3. LOCATION OF EXISTING WELL**

- A. There is drilling activity within a one-mile radius of the well site.
- B. Exhibit D shows existing wells within a one-mile radius of the proposed well site.

### **4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

- A. There are no production facilities on this lease at the present time.
- B. In the event that the well is productive, the necessary production facilities will be installed on the drilling pad. If the well is productive oil, a gas or diesel self-contained unit will be used to provide the necessary power. No power will be required if the well is productive of gas.

### **5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. It is planned to drill the proposed well with a fresh water system. A local water trucking firm will be contracted to furnish the water. They will provide the water obtaining it from whatever sources available to them at their discretion. It will be trucked to the location over the existing and proposed roads shown in Exhibit A.