

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

BETTIS, BOYLE & STOVALL
BIG EDDY UNIT #114
2080' FNL & 660' FEL
Section 21, T-21-S, R-29-E
Eddy County, New Mexico

This plan is submitted with Form 3160-3 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 necessary 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 effects associated with the operation.

1. EXISTING ROADS:

Exhibit A is a vicinity map.

Exhibit B is a portion of a U.S.G.S. topographic map of the area showing the location of the proposed wellsite and roads in the vicinity. The location is situated approximately fifteen miles east of Carlsbad, New Mexico, via the route shown in red.

Directions:

1. Proceed northeast from Carlsbad on Highway 180 approximately 15 miles.
2. Turn right on Highway 31 and continue south approximately 4 miles.
3. Turn right and continue approximately 4.00 miles to wellsite.

2. PLANNED ACCESS ROAD:

- A. The proposed new access road will be a 700' extension to existing east-west lease roads.
- B. The road will be a caliche road approximately 12 feet in width.
- C. The center line of the 700' extension to the existing roads will be staked and flagged.

3. LOCATION OF EXISTING WELLS:

- A. The well locations in the vicinity of the proposed well are shown on Exhibit C.
- B. There is no producing well on this lease at present.

4. LOCATION OF PROPOSED FACILITIES:

In the event that the well is productive, the necessary production facilities will be installed on the drilling pad.

5. LOCATION AND TYPE OF WATER SUPPLY:

It is planned to drill the well with fresh water and brine water as presented in Exhibit G. All drilling fluids will be obtained from commercial sources and will be hauled to the location by truck over existing and proposed roads shown in Exhibits A & B.

6. SOURCES OF CONSTRUCTION MATERIALS:

Any caliche required for construction of the drilling pad and the access road will be obtained, with permission, from an existing pit on Federal-owned surface in Section 23, T-21-S, R-29-E.

7. METHODS OF HANDLING WASTE DISPOSAL:

- A. Drill cuttings will be disposed of in the reserve pit.
- B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.
- C. Water produced during operations will be collected in tanks until hauled to an approved disposal system or a separate disposal application will be submitted to the U.S.G.S. for appropriate approval.
- D. Oil produced during operations will be stored in tanks until sold.
- E. Current laws and regulations pertaining to the disposal of human waste will be complied with.

- F. Trash, waste paper, garbage and junk will be buried in a separate trash pit and covered with a minimum of 24 inches of dirt. All waste material will be contained to prevent scattering by the wind.
- G. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES:

None required.

9. WELLSITE LAYOUT:

- A. Exhibit D shows the dimensions of the well pad and reserve pits and the location of major rig components.
- B. The ground surface at the drilling location is sloping down to the southwest. The location will be leveled with compacted caliche.
- C. The reserve pits will be plastic lined.
- D. The pad and pit area has been staked and flagged.

10. PLANS FOR RESTORATION OF THE SURFACE:

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleared of all trash and junk to leave the wellsite in as aesthetically pleasing a condition as possible.
- B. Unguarded pits, if any, containing fluids will be fenced until they have been filled.
- C. If the proposed well is non-productive, all rehabilitation and/or vegetation requirements of the Bureau of Land Management and the United States

Geological Survey will be complied with and will be accomplished as expeditiously as possible. All pits will be filled and leveled within 90 days after abandonment.

11. TOPOGRAPHY:

See Exhibit H

12. OPERATOR'S REPRESENTATIVES:

The field representatives responsible for assuring compliance with the approved surface use plan are:

Drilling Superintendent:

Bill Baker	Mobile:	505-887-9503-01124
	Office:	915-683-5511

Operations Manager:

Wayne Schkade	817-549-0780
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Agent:

John D. Bettis	915-685-4128
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Geologist:

Thomas R. Smith	915-685-4128
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13. CERTIFICATION:

I hereby certify that I, or persons under my direct supervision have inspected the proposed drillsite 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 Bettis, Boyle & Stovall and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

1.30.19
Date

John D. Bettis
John D. Bettis, Agent