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BETTIS, BOYLE & STOVALL LITTLEFIELD FEDERAL #1 SEC. 11, T24S, R31E EDDY COUNTY, NEW MEXICO

The following information is furnished with the Application to Drill (Re-enter), Form 3160-3, in compliance with NTL-6, effective July 1, 1976.

- 1. The geologic surface formation is Permian.
- 2. The estimated tops of important geologic markers are as follows:

Lamar Lime	4480'
Delaware Sand	4528′

3. The depths at which anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Fresh Water:	Less than 400'
Oil:	Brushy Canyon 7000-8300'

- 4. For proposed casing program, please see Form 3160-3.
- 5. This is a re-entry of an existing 4600' well. We will deepen to 4800'. A sketch of the BOP is attached. See Exhibit "A".
- 6. Drilling fluid will be brine water.
- 7. A small drilling rig will be used for this re-entry. No other auxiliary equipment is necessary.
- 8. No coring or testing will be done. A Gamma Ray/Neutron Log will be run.
- 9. No abnormal pressures are anticipated.
- 10. The anticipated starting date for this well is August 1, 1992.

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MULTI-POINT SURFACE USE AND OPERATIONS PLAN BETTIS, BOYLE & STOVALL LITTLEFIELD FEDERAL #1 SEC. 11, T24S, R31E 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 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.

- A. The proposed well to be located as stated below.
- B. Exhibit "B" is a portion of a General Highway Map of Eddy County, New Mexico. Directions to the location are as follows:

Travel east from Loving on State Rd. 31 and 128 for 26 mi. Turn right onto Pipeline Road and go 1 mile. Turn right on location road and go 1/2 mile to location.

- C. See Exhibits attached.
- D. Road to be maintained by grader when required.

2. PLANNED ACCESS ROADS

Exhibit "B" is a map showing access roads in the area.

- 1. The width of access road will be 12 feet.
- 2. The maximum grade will be nominal.

- 3. No turnouts will be constructed.
- 4. Because this is a re-entry, the existing road and location will be utilized. No culverts or major fills are necessary.
- 5. No cattleguards will be installed.

3. LOCATION OF EXISTING WELLS (SEE EXHIBIT "C").

- 1. There are no water wells in this area.
- 2. There are no other wellbores within 3/4 miles of this well.
- 3. There is a dry hole in the Southeast quarter of Section 11.
- 4. The nearest producing wells are approximately 3/4 mile North and East of this location.
- 5. No shut-in wells.
- 6. No injection wells.
- 7. No monitoring, observation, or resource wells known.
- 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES.
 - A. No facilities are present. This is a proposed water disposal well. No unattended open pits or reservoirs to be left at the well site. Facilities will include an injection plant with closed top tanks.
 - B. The land will be restored as much as possible to the original condition.

MULTI-POINT SURFACE USE AND OPERATIONS PLAN PAGE 3

- 5. LOCATION AND TYPE OF WATER SUPPLY.
 - A. Drilling water is to be purchased and hauled to the proposed drilling site.
 - B. Water to be hauled by trucks.
 - C. No well is to be drilled.
- 6. SOURCE OF CONSTRUCTION MATERIALS.
 - A. No construction material should be needed as this is an existing location.
- 7. METHODS OF HANDLING WASTE DISPOSAL.
 - 1. Drill cuttings will be disposed of in the drilling pits.
 - 2. Drilling fluids will be allowed to evaporate in the drilling pits until pits are dry.
 - 3. Current laws and regulations pertaining to the disposal of human waste will be complied with.
 - 4. Trash, waste paper, garbage, and junk will be hauled to proper disposal site.
 - 5. All trash and debris will be removed from the well site within 30 days after finishing drilling and/or completion operations.

MULTI-POINT SURFACE USE AND OPERATIONS PLAN PAGE 4

- 8. ANCILLARY FACILITIES. None required.
- WELL SITE LAYOUT. 9.
 - Exhibit "A" shows the well site layout with general dimensions for the location and A. reserve pit.
 - 1. The reserve pit will be lined.
- 10. PLAN FOR RESTORATION OF THE SURFACE.
 - 1. All pits will be back filled and all waste material removed. Land adjacent to drilling pad will be levelled.
 - 2. Re-vegetation and rehabilitation to be completed as per BLM recommendations.
 - З. Prior to rig release, pits will be fenced and maintained until clean up.
 - 4. Any oil in pit will be transferred to steel stock tank and separated and sold.
 - 5. All clean up should be completed within 6 months of well completion.

11. OTHER INFORMATION.

- 1. The well location and access road is situated entirely in Section 11, which is Federally owned. The existing access road that exists shall be reconstructed. (See Exhibit "C").
- 2. No ponds, lakes, streams, water wells, or occupied dwellings exist in the area.
- 12. LESSEE'S OR OPERATOR'S REPRESENTATIVE:

Steve Gray, P.O. Box 1240, Graham, TX 76450 Phone: (817)549-0780

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 Successful Bidder and its contractors in conformity with this plan and the terms and conditions under which it is approved.

DATE 0/25/92

Steve Gray

Petroleum Engineer



BETTIS, BOYLE & STOVALL PROPOSED RE-ENTRY LITTLEFIELD FEDERAL #1 660' FNL & 1980' FEL SECTION 11 - T24S - R31E Eddy Co., NM



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EXHIBIT "A"

BETTIS, BOYLE & STOVALL PROPOSED RE-ENTRY LITTLEFIELD FEDERAL #1 660 FNL & 1980' FEL SECTION 11 - T24S - R31E EDDY CO., NM

