

# Gulf Energy and Minerals Company-U.S.

PRODUCTION DEPARTMENT  
HOBBS AREA

C. D. Borland  
AREA PRODUCTION MANAGER

March 4, 1977

P. O. Box 670  
Hobbs, New Mexico 88240

Re: Surface Development Plan  
Proposed West Brunson Federal  
Well No. 1, 660' FSL and  
1930' FEL, Section 19-21S-  
37E, Lea County, New Mexico

U. S. G. S.  
P. O. Box 1157  
Hobbs, New Mexico 88240

Gentlemen:

The surface use and operations plan for the proposed West Brunson Unit No. 1 are as follows:

1. Existing Road

- A. Exhibit "A" is a portion of a general lease map showing the location of the proposed well as staked. Go approximately 0.3 of a mile east of Eunice, New Mexico on State Highway No. 8, turn, north on caliche County road at Sims Water Station, go 0.6 of a mile north then turn west through cattle guard and proceed west approximately  $\frac{3}{4}$  of a mile, turn north past Mobil Oil Corporation tank battery then turn left or northwest approximately  $\frac{1}{2}$  mile to proposed location.
- B. Exhibit "B" is a portion of a lease map showing all existing roads within a one mile radius of the well site.
- C. Portions of the existing lease road from the center of NW/4 of Section 29-21S-37E to near the proposed location will require some patching and leveling to repair eroded caliche surface. This section of road is colored brown on Exhibit "B".

2. Planned Access Roads

- A. Length and Width: New road required will be 12' wide and approximately 230' long. The new road is colored red on Exhibits "A" and "B".



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2. Planned Access Roads (Continued)

- B. Surfacing Material: Six inches of caliche, water compacted and graded.
- C. Turnouts: None required.
- D. Culverts: None required.
- E. Cuts and Fills: None required.
- F. Gates and Cattle Guards: None required.

3. Location of Existing Wells

- A. Existing wells within a one mile radius are shown on Exhibit "B".

4. Location of Proposed Facilities

Should this well be completed as a commercial producing well, new tank battery facilities will be required. These facilities will be constructed within the 400' x 400' work area as staked. All lines will be installed above ground and located as shown on Exhibit "C".

5. Location and Type of Water Supply

- A. Water for drilling well will be purchased from a supplier and transported by truck to the well site over existing and proposed roads shown in Exhibit "B".

6. Source of Construction Material

- A. Caliche for surfacing the road and the well pad will be obtained from an existing pit in SW/4 SW/4 of Section 20-21S-37E which belongs to the surface owner Millard Deck.

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.

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7. Methods of Handling Waste Disposal (Continued)

- E. Trash, waste paper, garbage, and junk will be buried in a separate trash pit and covered with a minimum of 24" of dirt. All waste material will be contained to prevent scattering by the wind. Location of trash pit is shown on Exhibit "D".
- F. All trash and debris will be buried or removed from the well site within 30 days after finishing drilling and/or completion operations.

8. Ancillary Facilities

- A. None required.

9. Well Site Layout

- A. Exhibit "D" shows the relative location and dimensions of the well pad, mud pits, reserve pit, trash pit, and location of major rig components.
- B. Only minor levelling of the well site will be required. No significant cuts and fills will be necessary.
- C. The reserve pit will be plastic lined.
- D. The pad and pit area has been staked and flagged.

10. Plans for Restoration of the Surface

- A. After completion of drilling and/or completion operations all equipment and other material not needed for operations will be removed. Pits will be filled and location cleaned of all trash and junk to leave the well site in an aesthetically pleasing condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. After abandonment of the well, surface restoration will be in accordance with the agreement with the surface owner. Pits will be filled and location will be cleaned. The pit area, well pad, and all unneeded access road will be ripped to promote revegetation. Rehabilitation should be accomplished within 90 days after abandonment.

11. Other Information

- A. Topography: Land surface is undulating to gentle rolling and dumpy. From an elevation of 3507' at the well site, the land surface slopes gently toward the south at about 30' per mile.

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WASHINGTON, D. C.

11. Other Information (Continued)

- B. Soil: Soil is a deep fine sand underlain by caliche.
- C. Flora and Fauna: The vegetative cover is generally sparse and consists of yucca, shinnery oak, and perennial native grasses. Wildlife in the area is that typical of semi-arid desert land and includes coyotes, rabbits, rodents, reptiles, dove, quail and other birds.
- D. Ponds and Streams: There are no rivers, streams, lakes or ponds in the area.
- E. Residences and Other Structures: The nearest occupied dwelling is a ranch house  $3/4$  of a mile southeast of the well site. The nearest water well is located at the ranch house.
- F. Archeological, Historical and Cultural Sites: None observed in the area.
- G. Land Use: Grazing and hunting, in season.
- H. Surface Ownership: Surface is fee land owned by Millard Deck. All surface damages will be settled with Mr. Deck before construction begins.

12. Operator's Representative:

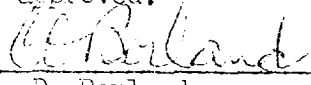
The field representatives responsible for assuring compliance with the approved surface use and operations plan are as follows:

Gulf Energy & Minerals Company - U. S.  
A Division of Gulf Oil Corporation  
P. O. Box 670  
Hobbs, New Mexico 88240  
Telephone: 505-393-4121  
Area Production Manager: C. D. Borland

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 Gulf Oil Corporation and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

3-4-77  
Date

  
C. D. Borland  
Area Production Manager

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