

# Gulf Oil Exploration and Production Company

September 13, 1978

C. D. Borland  
PRODUCTION MANAGER, HOBBS AREA

P. O. Box 670  
Hobbs, NM 88240

Re: Surface Development Plan  
Strange "A" Federal Well No. 1  
Lea County, New Mexico

U. S. Geological Survey  
P. O. Box 1157  
Hobbs, NM 88240

Gentlemen:

The surface use and operations plan for the proposed Strange "A" Federal Well No. 1 is as follows:

(1) EXISTING ROADS:

- (a) Exhibit "A" is a portion of a general highway map showing the location of the proposed well as staked. Go approximately 24 miles west of Hobbs, New Mexico on Highway 62-180, turn north on caliche lease road, go 2.8 miles, turn east and go approximately one mile, turn back to south and follow road to proposed location.
- (b) Exhibit "B" is a portion of a lease map showing all existing roads within a one mile radius of the proposed location.
- (c) There is approximately 1-1/2 miles of existing road that needs to be improved. This section of road is color-coded brown on Exhibit "B".

(2) PLANNED ACCESS ROADS:

- (a) Length and Width: The required new road will be 1300' long and 12' wide, constructed of caliche compacted and watered to a depth of 6". This new road is color-coded red on Exhibits "A" and "B".
- (b) Turnouts: None required.
- (c) Culverts: None required.
- (d) Cuts and Fills: No major cuts or fills will be required; however, the sandy surface will require leveling to fill potholes which are one to two feet deep at various places along the planned roadway.
- (e) Gates, Cattleguards: None required.



- (3) LOCATION OF EXISTING WELLS:
- (a) Exhibit "B" shows the location of all wells within a one-mile radius of the proposed location.
- (4) TANK BATTERIES PRODUCTION FACILITIES AND LEASE PIPELINES: There are no tank batteries, production facilities or lease pipelines on this unit operated or owned by Gulf Oil Corporation. If production is encountered, the tank battery and other required producing equipment will be located on the well pad. All production lines will be constructed above ground and located as shown on Exhibit "C".
- (5) WATER SUPPLY: Water for drilling will be purchased from a supplier and transported by truck to the well site over the existing and proposed roads shown in Exhibit "B".
- (6) SOURCE OF CONSTRUCTION MATERIALS: Caliche for surfacing the well pad and road will be obtained from existing Federal pits in the SW/4 of Section 17-T19S-R34E, or in the SW/4 NE/4 of Section 20-T19S-R34E.
- (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.
- (e) Trash, waste paper, sacks, garbage and junk will be burned or 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. Location of trash pit is shown in 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: None required.
- (9) WELLSITE LAYOUT:
- (a) Exhibit "D" shows the relative location and dimensions of the well pad, mud pits, reserve pit, trash pit, burn pit, and location of major rig components.
- (b) Only minor leveling of the wellsite will be required. No significant cuts and fills will be necessary.
- (c) The reserve pit will be plastic-lined.
- (d) The wellsite and pad area has been staked.

(10) PLANS FOR RESTORATION OF 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 wellsite in as aesthetically pleasing condition as possible.
- (b) Any ungraded pits containing fluids will be fenced until they are filled.
- (c) After abandonment, any special rehabilitation and/or revegetation requirements of the surface management agency will be complied with and accomplished as expeditiously as possible. All pits should be filled and leveled within 90 days after abandonment.

(11) OTHER INFORMATION:

- (a) Topography: The wellsite is located in a reasonably level area among low rolling sand hills.
- (b) Soil: Soil is sand underlain by caliche.
- (c) Flora and Fauna: The vegetative cover is generally sparse and consists of mesquite and perennial native range grasses. Wildlife in the area is that typical of semi-arid desert land and includes coyotes, rabbits, rodents, reptiles, dove and quail.
- (d) Ponds and Streams: There are no rivers, streams, lakes or ponds in the area.
- (e) Residences and Other Structures: There are no occupied dwellings near the well site. There is a water well two miles north of the well.
- (f) Land Use: Grazing and hunting in season constitute present land use.
- (g) Surface Ownership: Wellsite is on Federal surface.

(12) OPERATOR'S REPRESENTATIVE: Gulf Oil Exploration and Production Company  
A Division of Gulf Oil Corporation  
P. O. Box 670, Hobbs, NM 88240, Telephone 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 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 Gulf Oil Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

DATE:

9-14-78Area Production Manager