

Development plan for surface use to accompany  
"Applications to Drill Onshore Oil, Gas, or  
Geothermal Steam Wells on Public Domain and  
Acquired Federal Lands."

PENROC OIL CORPORATION  
No. 1 SHELL-FEDERAL  
1980' FNL, 660' FEL,  
Section 1, T20S, R28E  
Eddy County, New Mexico

1. Existing Roads

Proposed location is approximately 15 miles northeast of Carlsbad, New Mexico, and is reached by traveling east on U. S. Highway 62-180 then north on the Russell Field Road. See attached reproduction from USGS Oil City Quadrangle, marked Exhibit "A", for older existing roads.

More recent caliche surfaced roads and access roads to other well locations are shown on map marked Exhibit "B" in yellow color.

2. Planned Access Roads

Refer to Exhibit "B".

The proposed location is approximately 1800 feet northeast of the Williamson and Underwood No. 1-A Shell-Federal, a shallow hole located in NW/SE Section 1.

It is proposed to construct a new normal width for two-lane traffic caliche surfaced road covering the 1800 feet distance indicated by the blue color line.

3. Location of Existing Wells:

See Exhibit "B".

4. Lateral Roads to Well Location:

See Exhibit "B".

5. Location of Tank Batteries and Flow Lines:

Tank battery on southwest edge of pad, separator well, flow lines from well to tanks and pipeline.

6. Location and Type of Water Supply:

The above mentioned well located in NW/SE Section is a prolific water well. Fresh water will be piped from this well and used in conjunction with brine water that will be hauled from the nearest commercial source.

7. Methods for Handling Waste Disposal:

Solid debris will be placed in a separate dug trash pit and then covered upon completion of drilling operations with a minimum of 24 inches of soil.

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