

*Summary in the oil zone*

**RIJAN OIL COMPANY, INC.**

20 FIRST PLAZA, SUITE 402  
ALBUQUERQUE, NEW MEXICO 87102  
(505) 243-0665

January 14, 1980

Mr. Carl A. Barrick  
Acting District Engineer  
U. S. Geologic Survey  
Box 1809  
Durango, Colorado 81301

Dear Mr. Barrick:

*Federal 26 # 2*

This is an Addendum to our "Application for Permit to Drill, Deepen, or Plug Back" on Well No. Federal 2-26, Section 26, T19N, R3W, Sandoval County, New Mexico.

1. The location, as determined by a registered surveyor, in feet and direction from the nearest section lines is 1650' fsl and 2310' fel.
2. The elevation above sea level of the unprepared ground is 6727'.
3. The surface formation is the Lewis Shale.
4. The type of drilling tools will be a rotary rig and associated equipment sufficient for drilling.
5. The proposed drilling depth is 5200' or depth sufficient to test the Entrada formation.
6. The estimated tops of important geologic markers are:

Point Lookout	1750'
Gallup	2550'
Dakota sandstones	4050'
Entrada sandstones	5100'
7. The estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are:

Point Lookout	1750'
Gallup	2550'
Dakota sandstones	4050'
Entrada sandstones	5200'

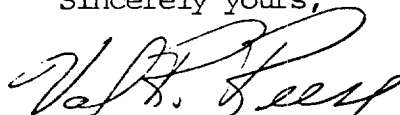
for possible water, oil or gas.
8. The proposed casing program is: 12½" hole, 9 5/8" casing, H-36# per foot & 7 7/8" hole, 5½" casing, K-14# per foot. New.



Mr. Carl A. Barrick  
January 14, 1980  
Page 2

9. The proposed setting depth for surface casing is 200' with sufficient Class B cement to circulate. If production casing is run, it will be run to total depth and cemented with 300 sx Class B.
10. The specifications for pressure control equipment which is to be used is 10" Schaffer Double Gate Hydraulic BOP tested to 3000 psi and will be on the well during all drilling operations. Blowout preventer will be tested after surface casing is set and tested after each additional casing string setting.
11. The mediums to be employed for rotary drilling is a basic gel drilling fluid to be used from surface to total depth. No waiting material is anticipated.
12. Mud log units will be on the well during the entire drilling procedure and all significant oil and gas shows will be tested by using a drillstem test. No coring is anticipated. Electric logs will be run from bottom of surface pipe to total depth. The types of logs are the Induction SFL, the Compensation Neutron and the Formation Density.
13. No abnormal pressure temperatures are expected to be encountered. No hydrogen sulfide gas is anticipated.
14. The anticipated starting date is February 1, 1980; the duration of drilling will be approximately two weeks.
15. There are no other facets of the proposed operation that we wish to bring to the Geological Survey's consideration of the application.

Sincerely yours,

  
VAL R. REESE

