

Application for Drilling

Pogo Producing Company

Federal ~~26~~ No. 1

Eddy County, New Mexico

In conjunction with permitting the subject well for drilling in Section 26, Township 21 South, Range 31 East, Eddy County, New Mexico, Pogo Producing Company submits the points of pertinent information in accordance with U.S.G.S. letter of July 1, 1976.

1. The surface formation is quaternary sand.
2. Estimated tops of geologic markers are as follows:

Rustler Anhy - 775'
Salado - 1000'
Lamar Lime - 4250'
Delaware sand - 4300'

3. The depth at which water, oil or gas is expected to be encountered is:

4300'

4. Casing Program:

13 3/8" 48# H-40 ST&C @ 500'
9 5/8" 36# H-40 ST&C @ 4500'

5. Blowout Preventers:

Ram type Series 900 with double hydraulic rams. This is a Schaeffer blowout preventer (working pressure 3000 psi, test pressure 6000 psi). The fill, kill and choke lines are indicated on the BOP specification sheet.

6. Circulating Medium:

Steel and earthen pits will be used to hold mud and cuttings and the drilling fluid as follows:

Natural mud to 500'. Paper to control seepage and reduce filter cake. Brine water through salt section and to top of zone of interest (Delaware). Mud to drill pay zone, 9.8 to 10.1 lbs./gal., Viscosity 34-38, Water Loss 10cc ±.