

The Petroleum Corporation
Superior Federal Well No. 6
660' FSL and 1979' FWL
Section 6-T20S-R29E
Eddy County, New Mexico

PROPOSED DRILLING FLUIDS PROGRAM

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<u>DEPTH</u>	<u>DRILLING FLUIDS</u>
Surface to 350 feet	Spud mud with fresh water gel and lime; 9.2#/gal; 32 viscosity
Run 11-3/4 inch casing set at 350 feet	
350 feet to 3100 feet	Brine water with salt gel and lost circulation material as required; 9.3#/gal; 30 to 34 viscosity
Run 8-5/8 inch casing set at 3100 feet	
3100 feet to 7500 feet	Fresh water with NaOH for pH control, 8.5#/gal; 28 viscosity
7500 feet to 10,000 feet	Fresh water as long as possible. Discontinue circulating through the reserve pit. Mud up with salt gel. Three to five percent oil may be justified. 9.3#/gal; pH 9.5; 34-36 viscosity
10,000 feet to 10,800 feet	Lower water loss to 6 cc before drilling the Morrow formation. Water loss to be controlled by increasing oil content. 9.8#/gal; 38-46 viscosity