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PROPERTY MANAGEMENT
EVALUATIONS
WELL COMPLETIONS

West Texas Oil Reports

AND ENGINEERING SERVICE

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U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

United States Department of the Interior
Geological Survey
Artesia, New Mexico

Re: Thornton Hopper
Bradley Federal #6
Black River (Delaware)

Gentlemen:

Attached is a copy of Form C-108, "Application to dispose of Salt Water by Injection Into Porous Formation", along with water analysis, diagrammatic sketch of proposed SWD well, sample determination, and a map of the area.

This is the Bradley Federal #6, located 1320' E, 1980' S, NW/4 NW/4, Sec. 11, T 24S, R 26E, Unit Letter E, Eddy County, New Mexico, Lease #LC-C65421.

The daily quantity will be no more than 200 barrels per day, the total dissolved solids is 1,320,953 PPM. Copy of water analysis attached. The water wells in this area are approximately 160' deep and the nearest one is one mile.

The casing is 7" with 8" hole cemented to 1987' with 50 sx, top of cement 1316'. Tubing will be 2", new J-55, plastic lined. The total depth of the well is 2000'. A Baker Model D Packer set at 1950', injection pressure 500 psi. The corrosion inhibitor fluid to be placed in tubing-casing annulus will be Amino base product manufactured by Magna Chemical Co.

Monitoring of the system will be high and low pressure shut-down switches on the pump. Pressure gauges to monitor the annulus pressure.

We trust this is sufficient information and data to process this application.

Yours truly,

Lillian Jones, Agent for
Thornton Hopper

cc: Thornton Hopper