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HILL D #6
DL-9547MARCH 29, 1990
FORMATION: DEVONIAN
SUBMITTED BY: D. HALE

DISSOLVED SOLIDS

CATIONS	MG/L	ME/L
SODIUM, Na (calc.)	31372	1364
CALCIUM, Ca	7619	380
MAGNESIUM, Mg	2673	220

ANIONS

CHLORIDE, Cl	68160	1922
SULFATE, SO ₄	1670	35
CARBONATE, CO ₃	0	0
BICARBONATE, HCO ₃	439	7

TOTAL DISSOLVED SOLIDS (calc.)
111933IRON, (DISSOLVED) 1
SULFIDE, as H₂S NONE DETECTED

OTHER PROPERTIES

pH	7.6
SPECIFIC GRAVITY, 60/60 F.	1.076
RESISTIVITY (ohm-meters) 75 F.	.0725
HARDNESS, mg/L CaCO ₃	30032

REMARKS:

SI @ 100 F = 1.72
SI @ 140 F = 2.40
CALCIUM SULFATE DEPOSITION @ 100F = POSITIVE
CALCIUM SULFATE DEPOSITION @ 140F = POSITIVE

The Stiff-Davis equation indicates that a positive Stability Index (SI) has a tendency toward calcium carbonate deposition.

R.S. DICKEY
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EXHIBIT "G"
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