Layne

Geophysical Survey

ELECTRIC LOG

Company: Layne of Minnesota

Well: Sugar Hills Recreation

Field: Sec. 5

County: Washington State: Minnesota

Location: NW-NW-SW

Elev.: Perm. Datum: Log Measured From: Drill Pipe Drill Measured From: Ground

Date: 1-7-82

Run No.: 1

Type Log: Initial

Depth Driller: 1000

Depth Logger: 1000

Bottom Log Interval: 996

Top Log Interval: 0

Casing Driller: 8 5/8 @ 0

Casing Logger: 8 5/8 @ 0

Bit Size: 7 7/8

Type Fluid in Hole: Water

Density: 8.4

Viscosity: 28

Fluid Level: Full

Max. Rec. Temp.: 55°F

Estimated Cement Top: 0

Time Since Circulation: 24 hrs

Time Since Last Run: 24 hrs

Max. Rec. Temp.: 55°F

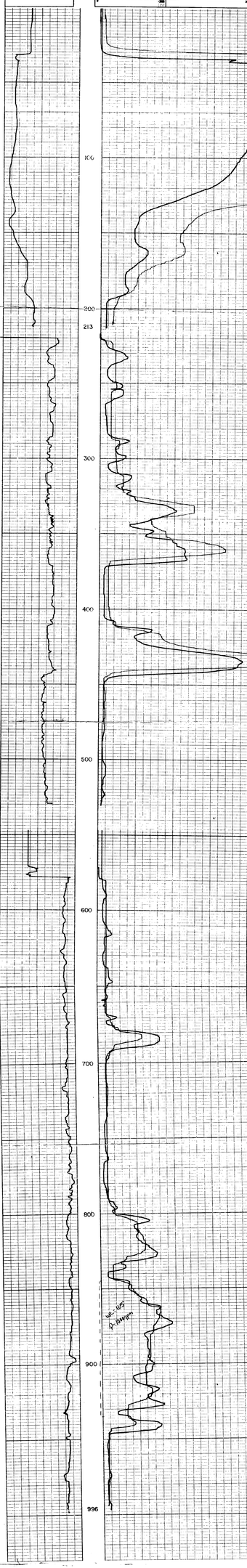
Equipment No.: 1

Location: Sugar Hills

Recorded By: Jim Kaiser

Witnessed By: Mr. Kaiser

Eg #55

Run No.	Type Log	Depth Driller	Depth Logger	Bottom Log Interval	Top Log Interval	Casing Driller	Casing Logger	Bit Size	Type Fluid in Hole	Density	Viscosity	Fluid Level	Max. Rec. Temp.	Equipment No.	Location	Recorded By
1	Initial	1000	1000	996	0	8 5/8 @ 0	8 5/8 @ 0	7 7/8	Water	8.4	28	Full	55°F	1	Sugar Hills	Jim Kaiser

SPONTANEOUS POTENTIAL millivolts	Depths	RESISTIVITY ohms, m²/m	RESISTIVITY ohms, m²/m
10 - MV +		SHORT NORMAL AM = 16" 0 – 20	LATERAL AO = 18'6" 0 – 20
		LONG NORMAL AM = 64" 0 – 200	0 – 200