DIGITAL SONIC LOG

Company	Amoco Production Company
Well	Ute Tribal 1-2
Field	Bluebell
County	Duchesne
State	Utah
Other Services	Dual Induction Laser Log
Permanent Datum	Ground Level
Elevation	6,000 ft
Log Measured From	Kelly Bushing
Drilling Measured From	Kelly Bushing
Date	12-Jan-1988
Run Number	ONE
Depth Driller	10,000 ft
Depth Logger	9,998 ft
Bottom Log Interval	9,998 ft
Top Log Interval	2,000 ft
Casing Driller	9 5/8 @ 2,000 ft
Casing Logger	2,000 ft
Bit Size	8 1/2 in
Type Fluid in Hole	Water Base Mud
Density	9.2 lb/gal
Viscosity	35 s
Fluid Loss	8.0 cc
Source of Sample	Flowline
Rm @ Measured Temp	0.90 @ 70 F
Rmf @ Measured Temp	0.80 @ 70 F
Rmc @ Measured Temp	0.70 @ 70 F
Rm @ BHT	0.50 @ 180 F
Time Since Circulation	6 hrs
Time Since Last Log	1 hr
Max Recorded Temp	180 F
Equipment Number	5900
Location	Sec 2 T1S R1W
Recorded By	Jim Bell
Witnessed By	Mr. Ute

Run Number	Bit Size	Depth Driller	Depth Logger
ONE	8 1/2	10,000	9,998

Run Number	Top Log Interval	Casing Driller	Casing Logger
ONE	2,000	9 5/8 @ 2,000	2,000

Comments: Logged with 1 Receiver Sonic Tool

Recorded Mode: Full Waveform

Recorded Channels: Gamma Ray, Caliper, Sonic

Equipment Used: Dresser Atlas Digital Sonic Tool, Dresser Atlas Digital Gamma Ray Tool, Dresser Atlas Digital Caliper Tool, Dresser Atlas Digital Cartridge, Dresser Atlas Digital Recorder, Dresser Atlas Digital Logging Unit

Recorded Mode: Full Waveform

Recorded Channels: Gamma Ray, Caliper, Sonic

Equipment Used: Dresser Atlas Digital Sonic Tool, Dresser Atlas Digital Gamma Ray Tool, Dresser Atlas Digital Caliper Tool, Dresser Atlas Digital Cartridge, Dresser Atlas Digital Recorder, Dresser Atlas Digital Logging Unit

Comments: Logged with 1 Receiver Sonic Tool

EQUIPMENT DATA

Equipment	Serial No.	Calibration Date	Equipment	Serial No.	Calibration Date
Sonic Tool	5900	12-Jan-88	Cartridge	5900	12-Jan-88
Gamma Ray Tool	5900	12-Jan-88	Recorder	5900	12-Jan-88
Caliper Tool	5900	12-Jan-88	Logging Unit	5900	12-Jan-88

Comments: 1 Receiver Sonic

Recorded Mode: Full Waveform

Recorded Channels: Gamma Ray, Caliper, Sonic

Equipment Used: Dresser Atlas Digital Sonic Tool, Dresser Atlas Digital Gamma Ray Tool, Dresser Atlas Digital Caliper Tool, Dresser Atlas Digital Cartridge, Dresser Atlas Digital Recorder, Dresser Atlas Digital Logging Unit

Comments: Logged with 1 Receiver Sonic Tool