Welex

2"=100'

DUAL INDUCTION GUARD LOG

COMPANY AMERICAN QUASAR PETROLEUM COMPANY
WELL BENSON TIMBER 8-14
FIELD MIST
County COLUMBIA State OR

COMPANY AMERICAN QUASAR PETROLEUM COMPANY
WELL BENSON TIMBER 8-14
FIELD MIST
COUNTY COLUMBIA STATE OREGON

SCANNED DUPLICATE

Location
1045.58' FROM WEST LINE & 299.74 FROM SOUTH LINE OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 OF:
Sec. 8 Twp. 6N Rge. 4W

Other Services:
C/AVL
CDL/N
DIP

Permanent Datum G.L. Elev. 996.5
Log Measured From K.B. OR 10.4 Ft. Above Perm. Datum
Drilling Measured From K.B.
Elev.: K.B. 1006.9
D.F.
G.L. 996.5

RECEIVED-PTLD
APR 18 1984
DEPT OF GEOLOGY & MINERAL INDUS.

Date	11-26-81			
Run No.	ONE			
Depth—Driller	2196			
Depth—Welex	2190			
Btm. Log Inter.	2188			
Top Log Inter.	469			
Casing—Driller	7 @466	@	@	@
Casing—Welex	469			
Bit Size	6 1/4			
Type Fluid in Hole	GEL-LIGNITE-LIGNOSULF.			
Dens. I Visc.	9.0 I 50	I	I	I
pH I Fluid Loss	9.0 I 6.8ml	I ml	I ml	I ml
Source of Sample	CIRCULATED			
R_m @ Meas. Temp.	2.40 @55 °F	@ °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.90 @60 °F	@ °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	1.91 @63 °F	@ °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEASURED	I	I	I
R_m @ BHT	1.39 @ 95°F	@ °F	@ °F	@ °F
Time Since Circ.	1 HOUR			
Max. Rec. Temp.	95 °F@BHT.	°F @	°F @	°F @
Equip. I Location	2890 I WOODLAND	I	I	I
Recorded By	PARMELEE			
Witnessed By	MANN			

Fold Here

Service Ticket No.057073 Remarks:

Change in Mud Type or Additional Samples		
Date / Sample No.	I	I
Depth—Driller		
Type Fluid in Hole		
Dens. / Visc.	I	I
ph / Fluid Loss	I ml	I
Source of Sample		
R_m @ Meas. Temp.	@ °F	@ °F
R_{mf} @ Meas. Temp.	@ °F	@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F
Source: R_{mf} / R_{mc}	I	I
R_m @ BHT	1.39 @ 95 °F	@ °F
R_{mf} BHT	1.83 @ 95 °F	@ °F
R_{mc} BHT	1.27 @ 95 °F	@ °F

SCALE CHANGES

Type Log	Depth	Scale Up Hole	Scale Down Hole

EQUIPMENT DATA

Run No.	Tool Type and No.	Pad Type	Tool Position	Other
ONE	DIG 98854		N/A	

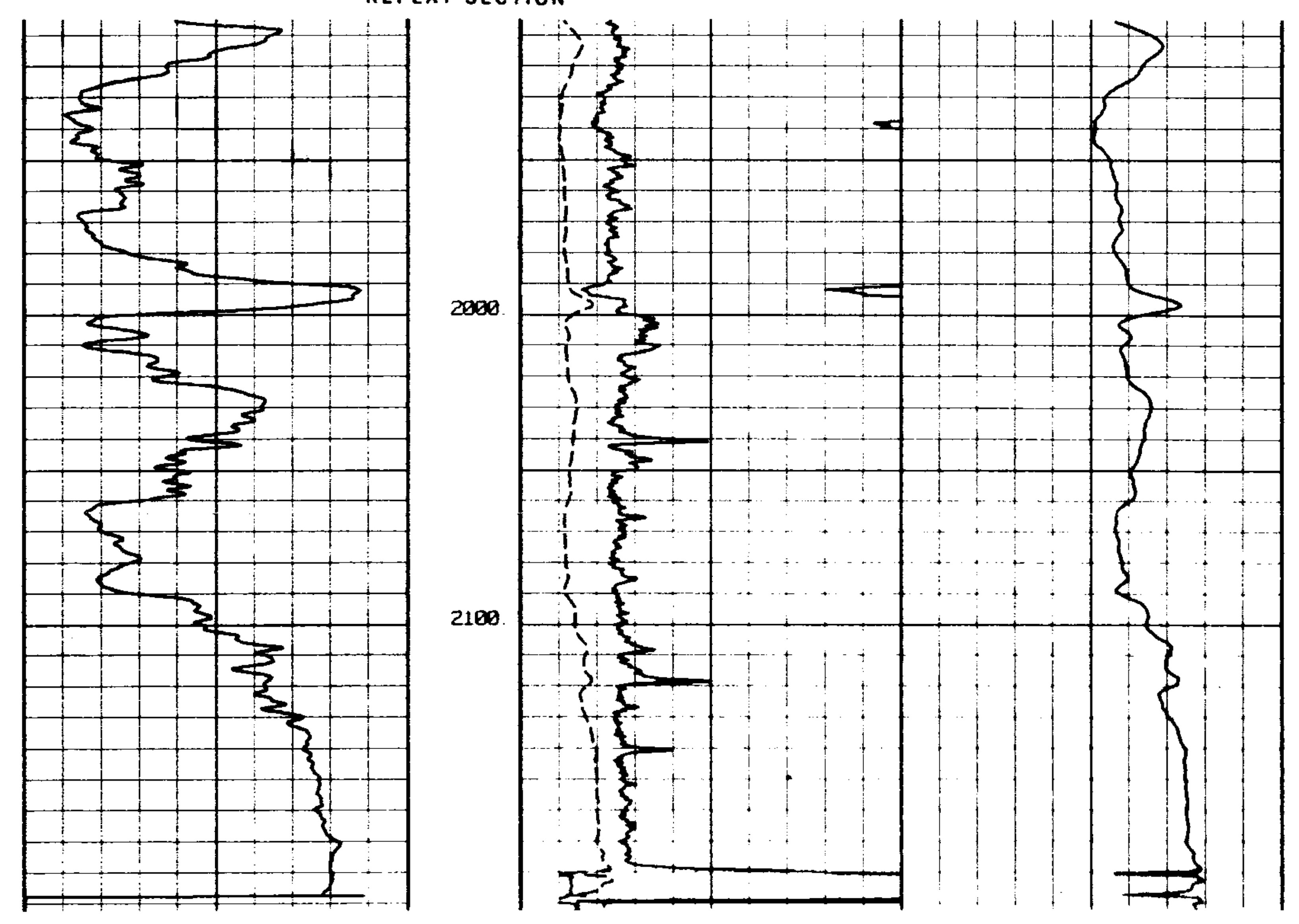
Welex does not guarantee the accuracy of any interpretation of log data, conversion of log data to physical rock parameters, or recommendations which may be given by Welex personnel or which may appear on the log or in any other form. Any user of such data, interpretations, conversions, or recommendations agrees that Welex is not responsible except where due to gross negligence or wilful misconduct, for any loss, damages, or expenses resulting from the use thereof.

2"=100'

POTENTIAL MILLIVOLTS	RESISTIVITY OHMS M²/M	CONDUCTIVITY M MHOS/M
- 10 +	SHALLOW GUARD 0 — 20	1000 DEEP INDUCTION 0
Rmf ___ at ___ °F	O.S. 0 — 200	2000 O.S. 1000
	AMPLIFIED GUARD 0 — 4	
	DEEP INDUCTION 0 — 20	
	O.S. 0 — 200	

POTENTIAL MILLIVOLTS	RESISTIVITY OHMS M²/M	CONDUCTIVITY M MHOS/M
	DEEP INDUCTION 0 — 20	
Rmf 1.83 at 95 °F	O.S. 0 — 200	
	SHALLOW GUARD 0 — 20	
- 10 +	O.S. 0 — 200	1000 DEEP INDUCTION 0
	AMPLIFIED GUARD 0 — 4	2000 O.S. 1000

AMERICAN QUASAR PETROLEUM COMPANY
BENSON TIMBER 8-14
MIST
COLUMBIA COUNTY, OREGON

T.D. LOGGED 2188
T.D. DRILLER 2196
T.D. WELEX 2190
ELEV: KB 1006.9 GL 996.5

REPEAT SECTION