CC 34-31-6S #RD 1

HALLIBURTON LOGGING SERVICES, INC.

2" = 100'

COMPENSATED DENSITY DUAL SPACED NEUTRON LOG

COMPANY _____

WELL _____

FIELD _____

COUNTY _____ STATE _____

COMPANY NAHAMA & WEAGANT ENERGY COMPANY

WELL BLUEROCK #34-31-6S RD#1

FIELD MIST

COUNTY COLUMBIA STATE OREGON

API No: 36-009-00284

Location: 2047.19' WEST & 661.60' NORTH OF THE SOUTHEAST CORNER OF:

Sec. 31 Twp 6N Rge 5W

Other Services:

DIL/BCS/GR

FED

Permanent Datum GL Elev. 786.44'

Log Measured From KB 10' Ft Above Perm. Datum

Drilling Measured From KB

Elev.: K.B. 796.44'

D.F. —

G.L. 786.44'

Date	8-22-91		
Run No.	ONE		
Depth—Driller	1902'	SEE REMARKS	
Depth—Logger	1742'		
Btm. Log Inter.	1740'		
Top Log Inter.	1210'		
Casing—Driller	8.63 @ 502'	@	@
Casing—Logger	503'		
Bit Size	7.87"		
Type Fluid in Hole	GEL-POLYMER		
Dens. / Visc.	10.1 / 49	/	/
pH / Fluid Loss	10.0 / 5.6 ml	/ ml	/ ml
Source of Sample	FLOWLINE		
R_m @ Meas. Temp.	1.8 @ 68 °F	@ °F	@ °F
R_{mf} @ Meas. Temp.	2.0 @ 66 °F	@ °F	@ °F
R_{mc} @ Meas. Temp.	1.6 @ 66 °F	@ °F	@ °F
Source R_{mf} R_{mc}	MEAS / MEAS	/	/
R_m @ BHT	1.4 @ 88 °F	@ °F	@ °F
Time Since Circ.	5.5 HOURS		
Time On Bottom	22:33		
Max. Rec. Temp.	88 °F @	°F @	°F @
Equip. / Location	7674 / BKFD	/	/
Recorded By	D. POZAS		
Witnessed By	J. VAUGHAN	D. HUGGINS	B. PINOTTI

Fold Here

Part Number 26000

Service Ticket No.: L68247 API Serial No.: PGM Version:

Change in Mud Type or Additional Samples			RESISTIVITY/RWA SCALE CHANGES				COMPUTED FROM	
Date / Sample No.	/	/	Type Log	Depth	Scale Up Hole	Scale Down Hole	a	m
Depth—Driller								
Type Fluid in Hole								
Dens. / Visc.	/	/						
ph / Fluid Loss	/ ml	/						
Source of Sample			RESISTIVITY EQUIPMENT DATA					
R_m @ Meas.Temp.	@ °F	@ °F	Run No.	Tool Type and No.	Pad Type	Tool Position	Other	
R_{mf} @ Meas. Temp.	@ °F	@ °F						
R_{mc} @ Meas. Temp.	@ °F	@ °F						
Source: R_{mf} / R_{mc}	/	/						
R_w @ BHT	@ °F	@ °F						
R_{mf} BHT	@ °F	@ °F	Borehole Corrections:					
R_{mc} BHT	@ °F	@ °F	shallow		medium		deep	

EQUIPMENT DATA

GAMMA		ACOUSTIC		DENSITY		NEUTRON	
Run No.	ONE	Run No.		Run No.	ONE	Run No.	ONE
Serial No.	G-3231	Serial No.		Serial No.	G-126	Serial No.	G-135
Model No.	HA	Model No.		Model No.	KA	Model No.	KB
Diameter	3.38"	No. of Cent.		Diameter	4.5"	Diameter	3.38"
Detector Model No.	NA	Spacing		Log Type	GAMMA	Log Type	NEUTRON
Type	SCINT			Source Type	Cs 137	Source Type	Am241Be
Length	4.5'	LSA	☐ Yes ☐ No	Serial No.	18	Serial No.	893
Distance to Source	NA	FWDA	☐ Yes ☐ No	Strength	2 Ci	Strength	20 Ci

LOGGING DATA

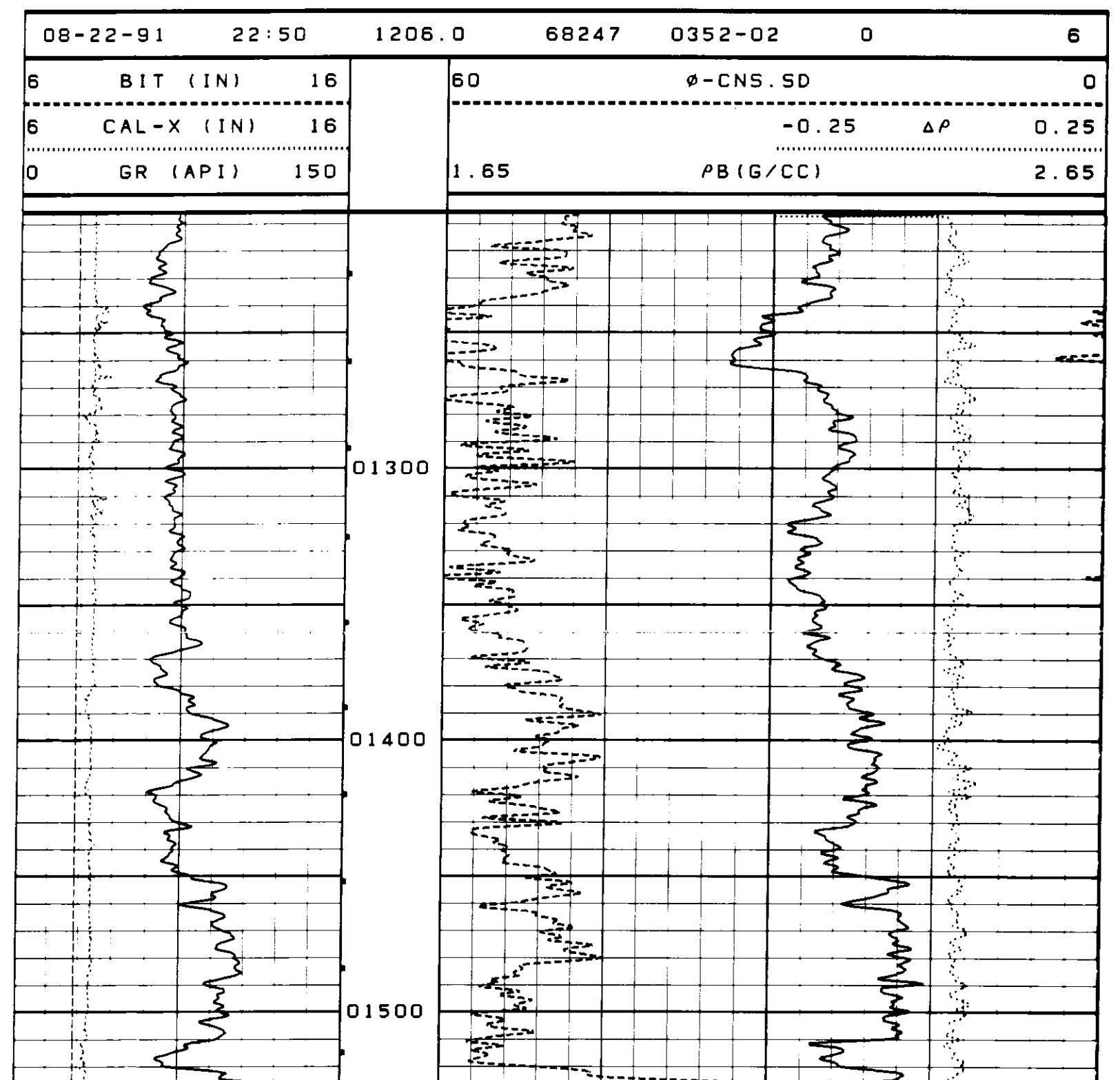
GENERAL				GAMMA		ACOUSTIC			DENSITY			NEUTRON		
Run	Depths		Speed	Scale		Scale			Scale			Scale		
No.	From	To	Ft./Min.	L	R	L	R	Matrix	L	R	Matrix	L	R	Matrix
ONE	1742'	1210'	30	0	150				1.65	2.65	2.65	60	0	SAND

a = m = Δt_{ma} = Δt_f = ρ_n =

REMARKS: DUE TO HOLE CONDITIONS, LOG WAS RAN FROM 1742' TO 1210'. ALSO, CLIENT DID NOT WANT TO RUN A REPEAT SECTION.

CASED HOLE PARAMETERS

From:	To:
Bit Size	
Csg. O.D.	
Csg. Wt.	



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