BRAN-DEX

WIRELINE SERVICES

GAMMA RAY CCL
CEMENT BOND VDL
SECTOR MAP

Company	WALSH PRODUCTION INC.
Well	HALEY RAY 13-21
Field	GROVER
County	WELD
State	CO

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Location: API # : 05-123-22935-00

660' FSL & 660' FWL
SW SW

SEC 21 TWP 11N RGE 61W

Other Services

Permanent Datum	GL	Elevation	5163
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 5173
D.F. 5172
G.L. 5163

Date	6-23-05		
Run Number	ONE		
Depth Driller	7726		
Depth Logger	7678		
Bottom Logged Interval	7678		
Top Log Interval	6350		
Open Hole Size	7 7/8		
Type Fluid	WATER		
Density / Viscosity			
Max. Recorded Temp.	175		
Estimated Cement Top	6530		
Time Well Ready			
Time Logger on Bottom			
Equipment Number	467		
Location	STERLING		
Recorded By	HOBBS		
Witnessed By	MARSHAL		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4.5			
Liner				

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

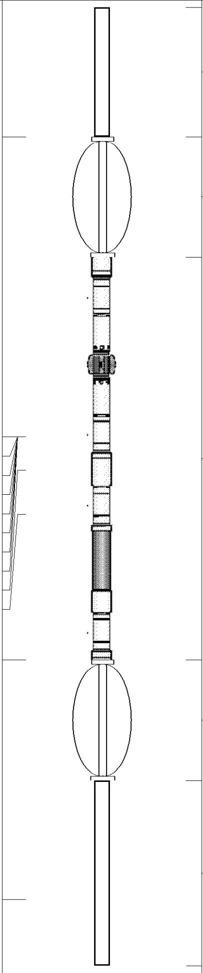
Comments

CORRECTED UP HOLE 6' FROM PSI OPEN HOLE LOG

THANK YOU FOR USING BRAN-DEX

Sensor	Offset (ft)
CCL	18.71
WVFS1	11.94
WVFS2	11.94
WVFS3	11.94
WVFS4	11.94
WVFS5	11.94
WVFS6	11.94
WVFS7	11.94
WVFS8	11.94
WVF3FT	11.19
WVF5FT	10.19
WVFCAL	6.90
GR	1.50

Schematic

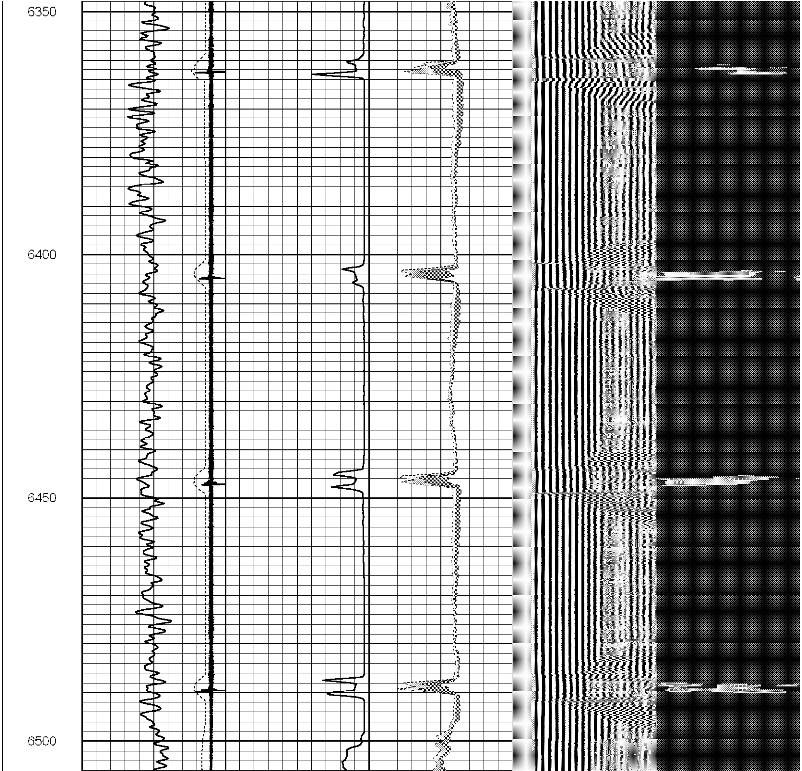


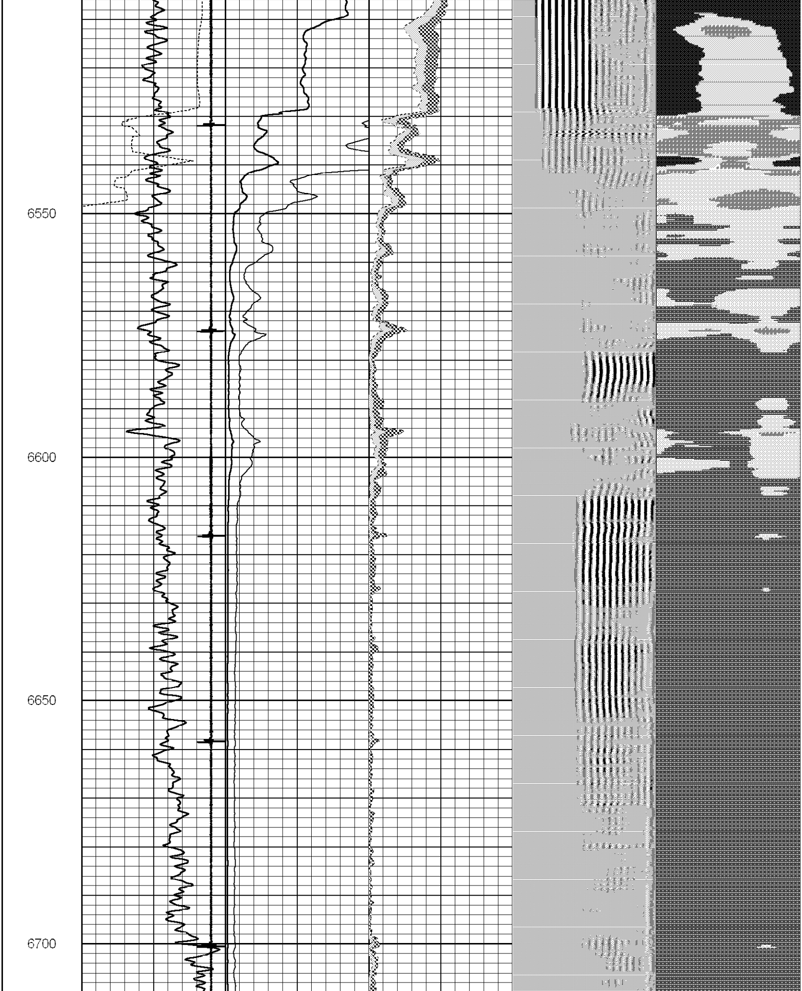
Description	Len (ft)	OD (in)	Wt (lb)
CCL-S_101 (101)	2.92	1.69	11.00
CENT-TEKCO (101)	2.73	2.75	10.00
SCBL-TEKCO-CT (101) TEKCO 2.75 RIB - CT	9.08	2.75	108.00
CENT-TEKCO (102)	2.73	2.75	10.00
GR-S_101 (101)	4.17	1.69	25.00

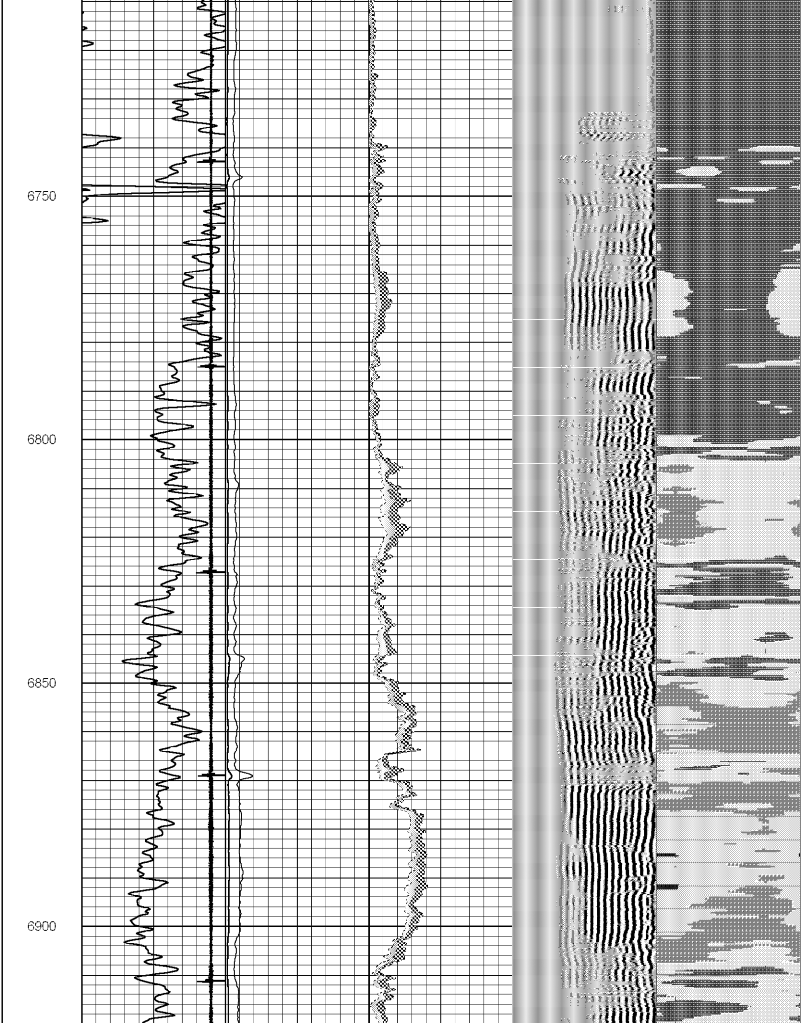
Dataset:	/field/well/run/_plots_/_jobs_/job1.77
Total Length:	21.63 ft
Total Weight:	164.00 lb
O.D.	2.75 in

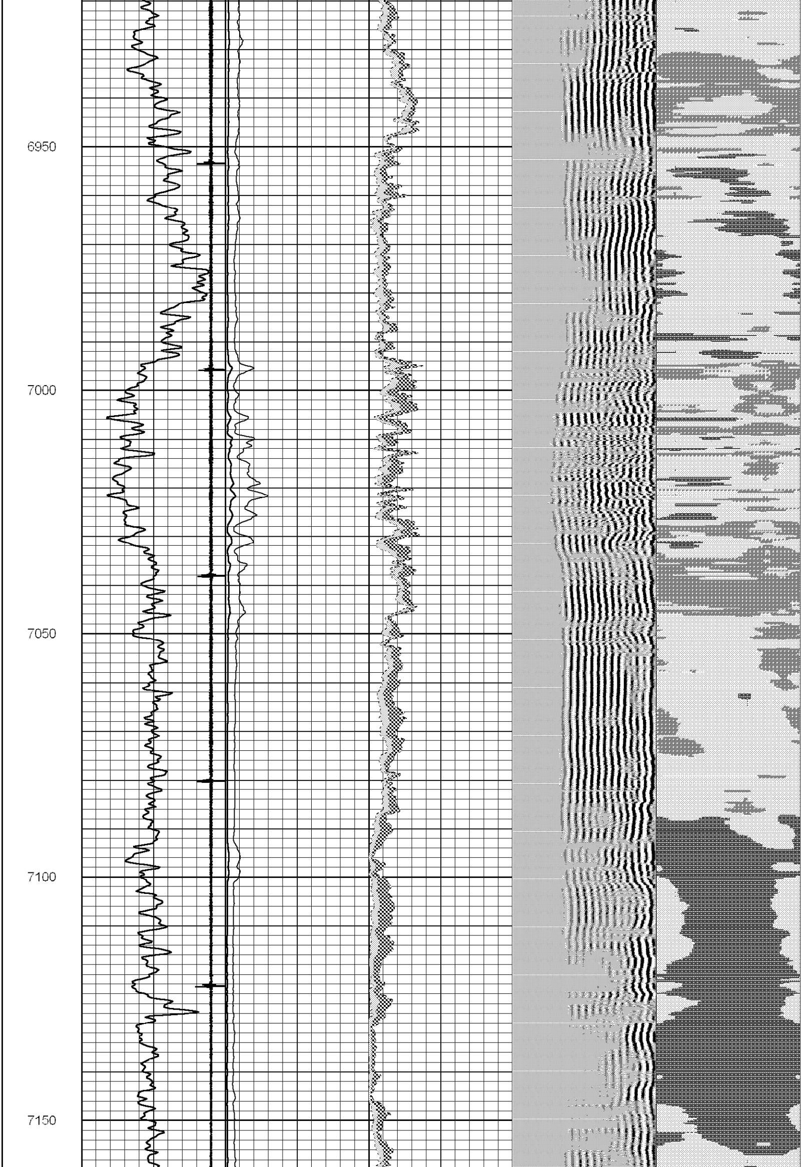
Database File: walshlog.db
Dataset Pathname: pass13
Presentation Format: scbl
Dataset Creation: Thu Jun 23 14:28:42 2005 by Log Warrior 7.0 Standar
Charted by: Depth in Feet scaled 1:240

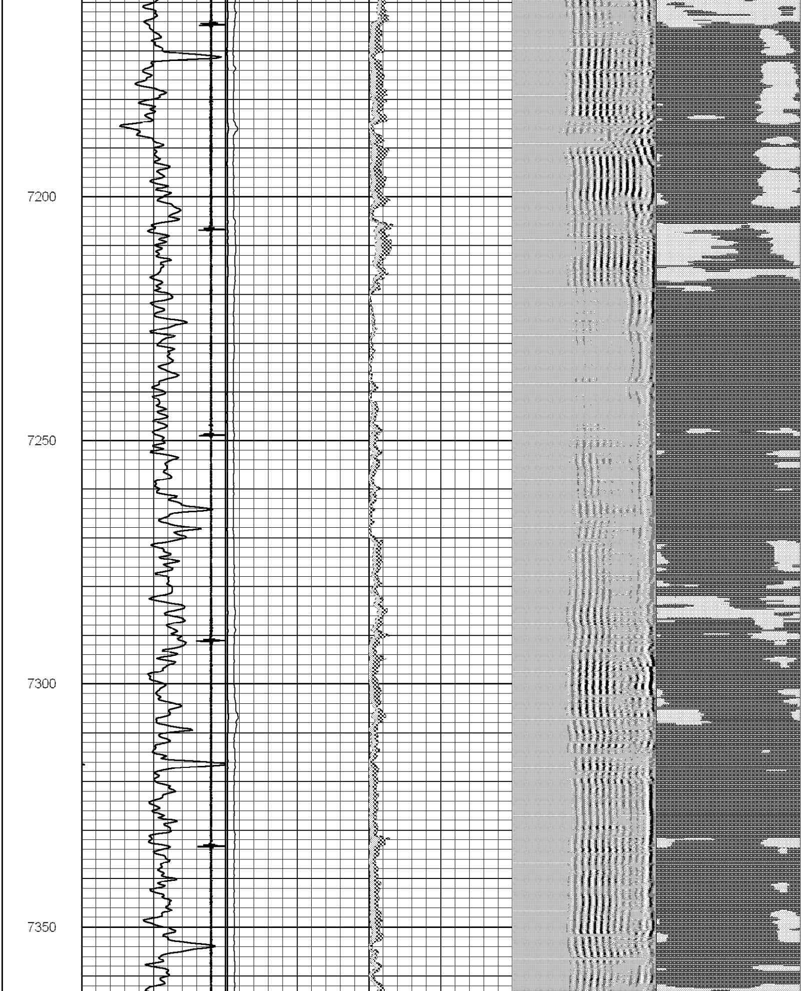
LTEN (lb) 0 2000	320 TT (usec) 220 -9 CCL 1 0 GR (GAPI) 175	0 AMP (mV) 85 0 AMPx5 (mV) 20	0 AMPAVG 150 0 AMPMAX 150 0 AMPMIN 150	200 VDL 1200	1 SECTOR 8 10 60

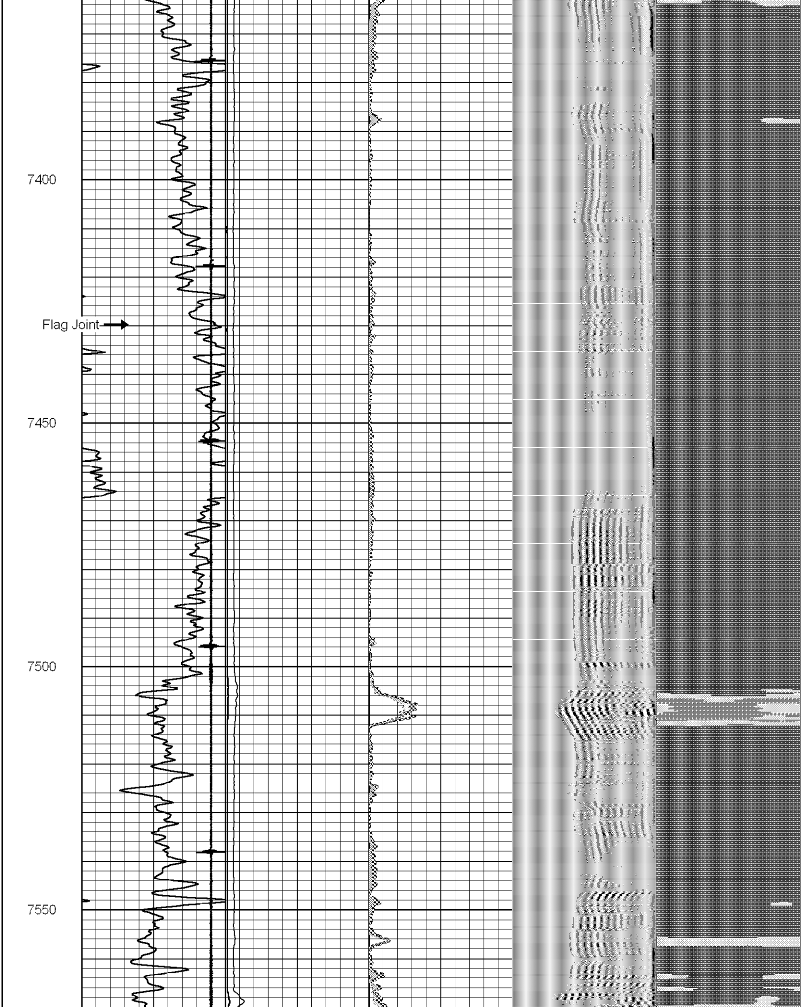


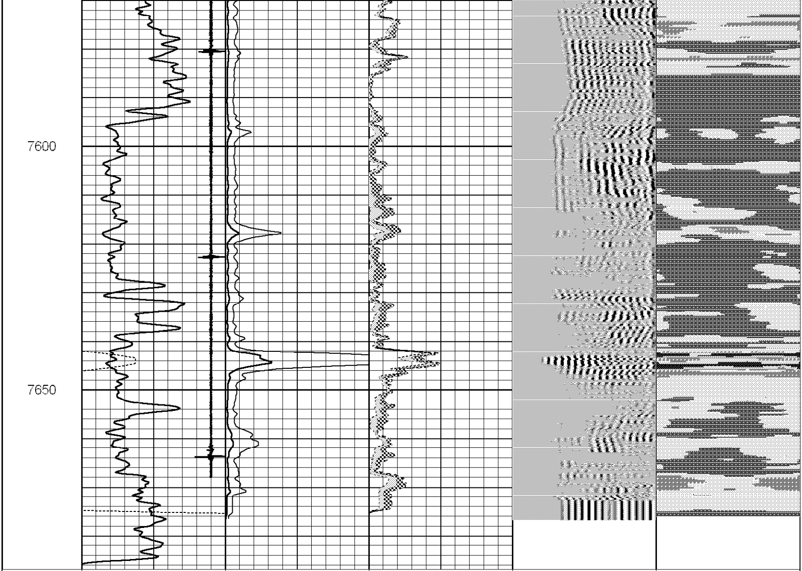












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