WARRIOR
ENERGY SERVICES

Sonic Bond Log
Gamma-Ray
CCL

Company	BONANZA CREEK ENERGY
Well	ANTELOPE B-V-33HNB
Field	WATTENBERG
County	WELD
State	COLORADO

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Location:	API # : 05-123-37054 1471' FNL & 430' FWL SW / NW SEC 33 TWP 5N RGE 62W
Other Services	

Permanent Datum	GL	Elevation	4579	Elevation
Log Measured From	KB 12.5			K.B. 4581
Drilling Measured From	KB			D.F. 4580 G.L. 4579

Date	5-17-2013
Run Number	ONE
Depth Driller	10,716'
Depth Logger	6260
Bottom Logged Interval	6256
Top Log Interval	50
Open Hole Size	8 3/4
Type Fluid	WATER
Density / Viscosity	1.0
Max. Recorded Temp.	201
Estimated Cement Top	1390
Time Well Ready	
Time Logger on Bottom	
Equipment Number	5432
Location	GREELEY
Recorded By	M. JANDREAU
Witnessed By	K. DODGE

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	13 1/2	0	410	9 5/8	36	0	410
TWO	8 3/4	0	6660	7	26	0	6,660
THREE	6 1/8	6560	10,777	4 1/2	11.6	6560	10,777

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9 5/8	36	0	410
Prot. String				
Production String	7	26	0	6660
Liner	4 1/2	11.6	6560	10,777

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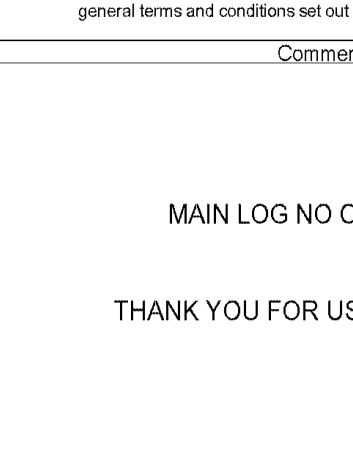
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

MAIN LOG NO OPEN HOLE

THANK YOU FOR USING WARRIOR.



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		STD-Standard (STNDRD) Standard Cable Head	0.83	1.44	1.00
		Probe	3.00	2.75	40.00
HEADVOLT	16.25				
IntTemp	14.83				
WVF3FT	11.58	RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFCAL	11.58				
WVFS1	11.58				
WVFS2	11.58				
WVFS3	11.58				
WVFS4	11.58				
WVFS5	11.58				
WVFS6	11.58				
WVFS7	11.58				
WVFS8	11.58				
WVF5FT	10.58				
		Probe	3.00	2.75	40.00
CCL	3.64				
		GR-Probe (275) Probe 2.75"	4.33	2.75	30.00
GR	0.90				

Dataset: state antelope b-v-33.db: field/well/run1/pass7
Total Length: 20.08 ft
Total Weight: 201.00 lb
O.D. 2.75 in

Database File: state antelope b-v-33.db
Dataset Pathname: pass7
Presentation Format: ips_rbt
Dataset Creation: Fri May 17 16:29:35 2013 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

-6 CCL 1	200 TT (usec) 800	0 AMP (mV) 100	0 AMPS1 100	200 VDL 1200	1 Cement Map 8
LSPD (ft/min)	0 GR (GAPI) 200	0 AMPx5 (mV) 20	0 AMPS2 100		10 85
0 100	200 GR (GAPI) 400	IntTemp (degF)	0 AMPS3 100		
			0 AMPS4 100		
			0 AMPS5 100		
			0 AMPS6 100		
			0 AMPS7 100		
			0 AMPS8 100		

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