WARRIOR
ENERGY SERVICES

Sonic Bond Log
Gamma-Ray
CCL

Company BONANZA CREEK ENERGY
Well STATE ANTELOPE 44-41-24HNB
Field WATTENBERG
County WELD State COLORADO

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Location: API # : 05-123-36468
185' FSL & 1524' FEL
SWSE
SEC 24 TWP 5N RGE 62W

Other Services

Permanent Datum	GL	Elevation	4517
Log Measured From	KB 17'		
Drilling Measured From	KB		

Elevation
K.B. 4534
D.F. 4533
G.L. 4517

Date	3-8-2013		
Run Number	ONE		
Depth Driller	10886		
Depth Logger	6110		
Bottom Logged Interval	6080		
Top Log Interval	370		
Open Hole Size	8 3/4		
Type Fluid	WATER		
Density / Viscosity	1.0		
Max. Recorded Temp.	N/A		
Estimated Cement Top			
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	12 1/4"	0	410				
TWO	7 7/8"	0	6509				
THREE	6 1/8	6409	10886				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9 5/8	36	0	410
Prot. String				
Production String	7	26	0	6509
Liner	4 1/2	11.6	6409	10886

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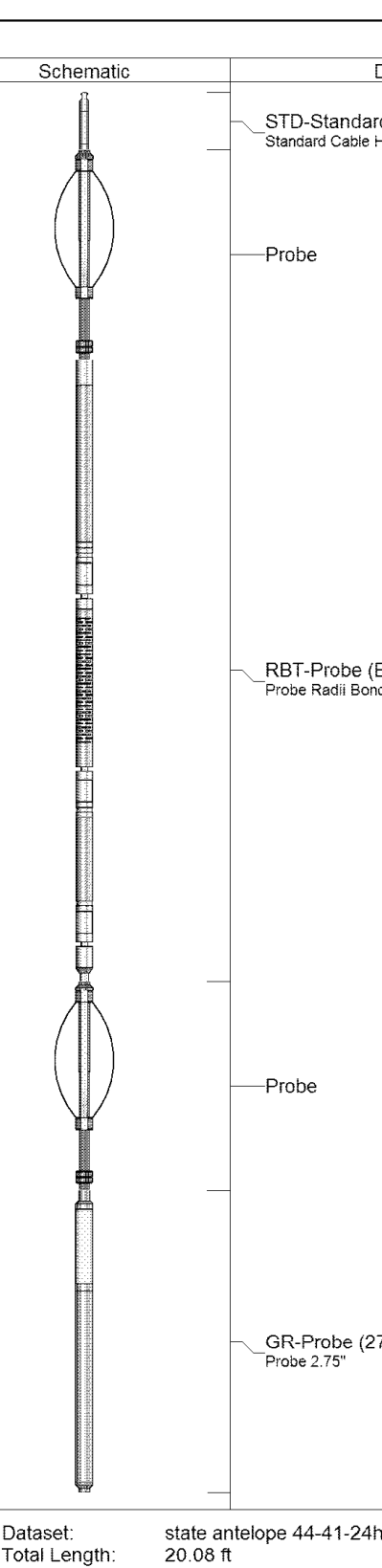
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
HEADVOLT	16.25	Probe	3.00	2.75	40.00
IntTemp	14.83				
WVF3FT WVFCAL WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF5FT	11.58 11.58 11.58 11.58 11.58 11.58 11.58 11.58 11.58 11.58 10.58	RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
		Probe	3.00	2.75	40.00
CCL	3.64				
GR	0.90	GR-Probe (275) Probe 2.75"	4.33	2.75	30.00

Dataset: state antelope 44-41-24hnb.db: field/well/run1/pass2
Total Length: 20.08 ft
Total Weight: 201.00 lb
O.D. 2.75 in

Database File: state antelope 44-41-24hnb.db
Dataset Pathname: pass2
Presentation Format: ips_rbt
Dataset Creation: Fri Mar 08 12:55:32 2013 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

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

200 VDL 1200 | 1 Cement Map 8 | 10 85

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