WARRIOR
ENERGY SERVICES

Sonic Bond Log
Gamma-Ray
CCL

Company	BONANZA CREEK ENERGY
Well	PRONGHORN K-0-10 HNC
Field	WILDCAT
County	WELD
State	COLORADO

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Field WILDCAT
County WELD State COLORADO
Location: API #: 051233658300
NW NW
350 FNL & 1272 FWL
SEC 10 TWP 5N RGE 61W
Other Services

Permanent Datum	GL	Elevation	4728
Log Measured From	KB 15'		
Drilling Measured From	KB		

Elevation
K.B. 4743
D.F. 4742
G.L. 4728

Date	5-29-2013
Run Number	ONE
Depth Driller	11195
Depth Logger	6510
Bottom Logged Interval	6474
Top Log Interval	SURFACE
Open Hole Size	7"
Type Fluid	WATER
Density / Viscosity	1.0
Max. Recorded Temp.	199
Estimated Cement Top	230
Time Well Ready	
Time Logger on Bottom	
Equipment Number	3812
Location	GREELEY
Recorded By	A.ABBIATTI
Witnessed By	K.DODGE

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

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

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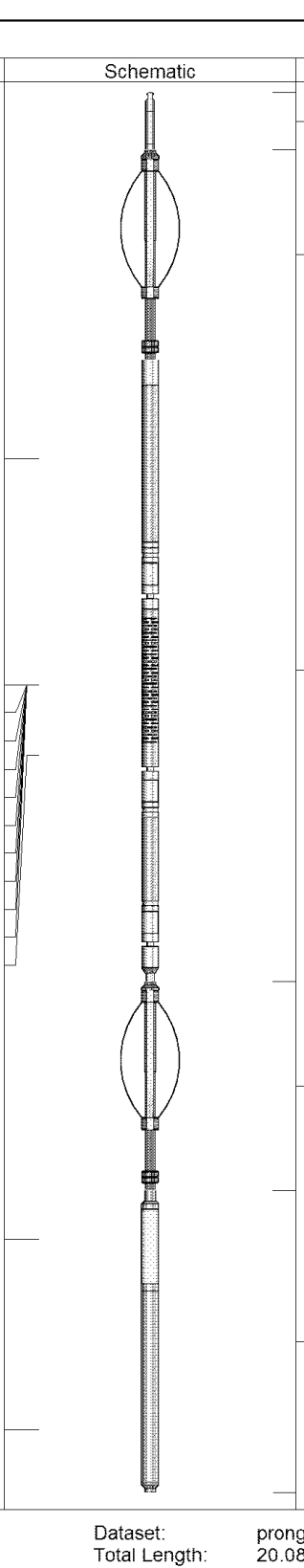
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

RAN CBL TO VERIFY CEMENT BOND.

THANK YOU FOR USING WARRIOR.

Sensor	Offset (ft)	Schematic	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					
			RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVF3FT	11.58					
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: pronghorn k-0-10 hnc.db: field/well/run1/pass5
Total Length: 20.08 ft
Total Weight: 201.00 lb
O.D. 2.75 in

Database File: pronghorn k-0-10 hnc.db
Dataset Pathname: pass5
Presentation Format: ips_rbt
Dataset Creation: Wed May 29 16:23:34 2013 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

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