BWWC
Black Warrior Wireline Corporation

Company FRAM EXPLORATION
Well SIMINOE 32-2-J
Field WHITE WATER
County MESA
State COLORADO

CEMENT BOND LOG

Company FRAM EXPLORATION
Well SIMINOE 32-2-J
Field WHITE WATER
County MESA State COLORADO
API #: 05-077-09327
Location: SHL:1895' FSL & 754' FWL
SEC TWP RGE
Other Services

Permanent Datum GROUND LEVEL Elevation 5815'
Log Measured From KELLY BUSHING 9'
Drilling Measured From KELLY BUSHING

Elevation
K.B. 5824
D.F. 5824
G.L. 5824

Date	4-19-10
Run Number	ONE
Depth Driller	3765'
Depth Logger	3658'
Bottom Logged Interval	3654'
Top Log Interval	750
Open Hole Size	NA
Type Fluid	KCL
Density / Viscosity	NA
Max. Recorded Temp.	NA
Estimated Cement Top	
Time Well Ready	07:00
Time Logger on Bottom	07:30
Equipment Number	4517
Location	GRAND JUNCTION
Recorded By	D.ELAM
Witnessed By	H.MAYLAND

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4.5"	11.6#	SURF	TD
Liner				

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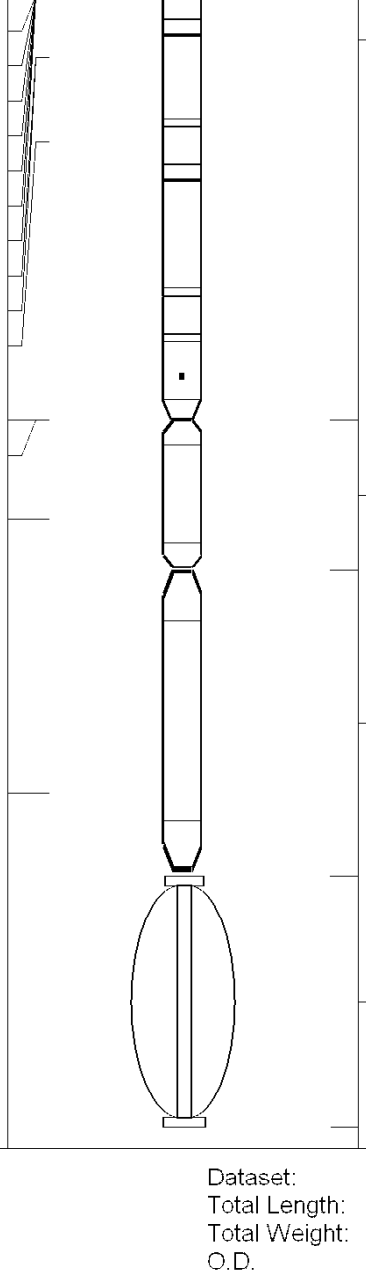
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Database File: 4.db
Dataset Pathname: run69/pass19
Presentation Format: 1scbtvad
Dataset Creation: Thu Apr 22 10:30:29 2010
Charted by: Depth in Feet scaled 1:240



Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00
TEMP	14.85				
WVFS1	13.56				
WVFS2	13.56				
WVFS3	13.56				
WVFS4	13.56				
WVFS5	13.56	SCBL100T-100T-004 (100T-002)	9.13	0.00	
WVFS6	13.56				
WVFS7	13.56				
WVFS8	13.56				
WVF3FT	12.81				
WVFCAL	12.81				
WVF5FT	11.81				
WVFTEMP	8.47				
WVFSYNC	8.47				
CCL	7.29	CCL-Tekco105 (105-004)	1.81	2.75	15.00
		GR-Tekco110 (110-004)	3.66	2.75	25.00
GR	4.00				
		LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00

Dataset: 4.db: field/well/run1/pass8.4
Total Length: 20.60 ft
Total Weight: 70.00 lb
O.D. 2.75 in