



**GAMMA RAY CCL
CEMENT BOND VDL**

Company: KERR-MCGEE OIL & GAS ONSHORE LP
Well: ST VRAIN L CO UT A 1
Field: WATTENBERG

County: WELD State: COLO
Location: SW NE 23 3N 68W
API #: 05123079200000

Company: KERR-MCGEE OIL & GAS ONSHORE LP
Well: ST VRAIN L CO UT A 1
Field: WATTENBERG
County: WELD State: COLO

Permanent Datum: SEC 23 TWP 3N RGE 68W Elevation: 4947
Log Measured From: QL KB
Drilling Measured From: KB
Date: 9-26-13
Run Number: ONE
Depth: 1100
Bottom Logged Interval: SURFACE
Top Log Interval: 3600

Open Hole Size: WATER
Type Fluid: WATER
Annular Space: WATER
Estimate Cement Top: 0730
Time Well Ready: 0630
Time Logger on Bottom: 0630
Equipment Number: ST 2288
Recorded By: MIKE ADAMS/AN
Witnessed By: FIGGSO VIERA

Run Number: BIT From: To Size Weight From To
Borehole Record: Training Record

Cement Record: Size: WATER Top: Bottom
Pul. String: 4.5
Production String: 4.5
Liner: 4.5

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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

THANKS FOR CHOOSING JW WIRELINE

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)	
CCL	18.58		CCL-TekCo (1 11/16 MOT) (1.68)	1.67	1.69	20.00	
			CENT-B (2) 2 3/4 Cent	2.21	2.75	10.00	
TEMP	12.85						
WVFCAL	11.02			CBLTEKCO-168 (1681) 1 11/16 Tekco CBL	9.75	1.69	50.00
WVF3FT	10.44						
WVF5FT	9.44						
WVFTEMP	6.02		CENT-A (1) 1 11/16 cent	2.21	1.69	10.00	
WVF5SYNC	6.02						
GR	1.00		GR-Tek-Co (168) 1 11/16 400 Deg. Logging Gamma Ray	3.81	1.68	40.00	

Dataset: st vrain l co ut a 1 db: field/well/run1/pass8
Total Length: 19.65 ft
Total Weight: 130.00 lb
O.D.: 2.75 in

Database File: st vrain l co ut a 1.db
Dataset Pathname: pass8
Presentation Format: scbl_dr
Dataset Creation: Fri Sep 27 07:36:57 2013 by Log SCH 111116
Charted by: Depth in Feet scaled 1.240

