RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

TEMPERATURE LOG CCL

Company	URSA OPERATING COMPANY
Well	VALLEY FARMS L 44C - 14 - 06 - 92
Field	GRAVEL TREND
County	GARFIELD
State	COLORADO
API #	05 - 045 - 22368 - 00
Location	SHL: 1252' FSL & 1101' FEL BHL: 0520' FSL & 0660' FEL
SEC	11
TWP	6S
RGE	92W
Other Services	
Permanent Datum	G.L.
Elevation	5577'
Log Measured From	K.B.
Ft Above PD	15'
Drilling Measured From	K.B.
Elevation	K.B. 5590.5' D.F. 5589.5' G.L. 5577'

Date	12 - 20 - 2014
Run Number	ONE
Depth Driller	7292'
Present Depth Driller	NA
Depth Logger	7204'
Bottom Logged Interval	7204'
Top Log Interval	SURFACE
Fluid Level	SURFACE
Type Fluid	WATER
Max. Recorded Temp.	192.9 Deg. F
Estimated Cement Top	1006'
Equipment Number	219
Location	GRAND JCT.
Recorded By	INGRAM
Witnessed By	MR. RICHARD

Borehole Record				Casing Record			
Run Number	Bit	From	To	Size	Weight	From	To
				8.625"	32#	SURFACE	996'
				4.5"	13.5#	SURFACE	7292'

<<< Fold Here >>>

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.

WARRIOR 7.0 SOFTWARE - Comments

NOTE: WAS NO LOG TO CORRELATE WITH

SHORT JOINTS: 3838' TO 3848' & 5257' TO 5267' & 6721' TO 6731'

MAX TEMP: 192.9 Deg. F
ESTIMATED TOP OF CEMENT = 1006'

MAIN PASS 5" = 100'
CSG PSI = STATIC

Calibration Report

Database File: 122014_ursa_valleyfarmsl_44c_11_06_92.db
Dataset Pathname: main/pass1
Dataset Creation: Sat Dec 20 21:47:35 2014 by Log SCH 120430

Temperature Calibration Report

Serial Number: 16-53
Tool Model: APPLIED
Performed: Tue Jan 31 09:43:33 2012

	Reference		Reading	
Low Reference:	0.00	degF	0.00	cps
High Reference:	1.00	degF	1.00	cps

Gain: 0.10
Offset: 0.00
Delta Spacing 2

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

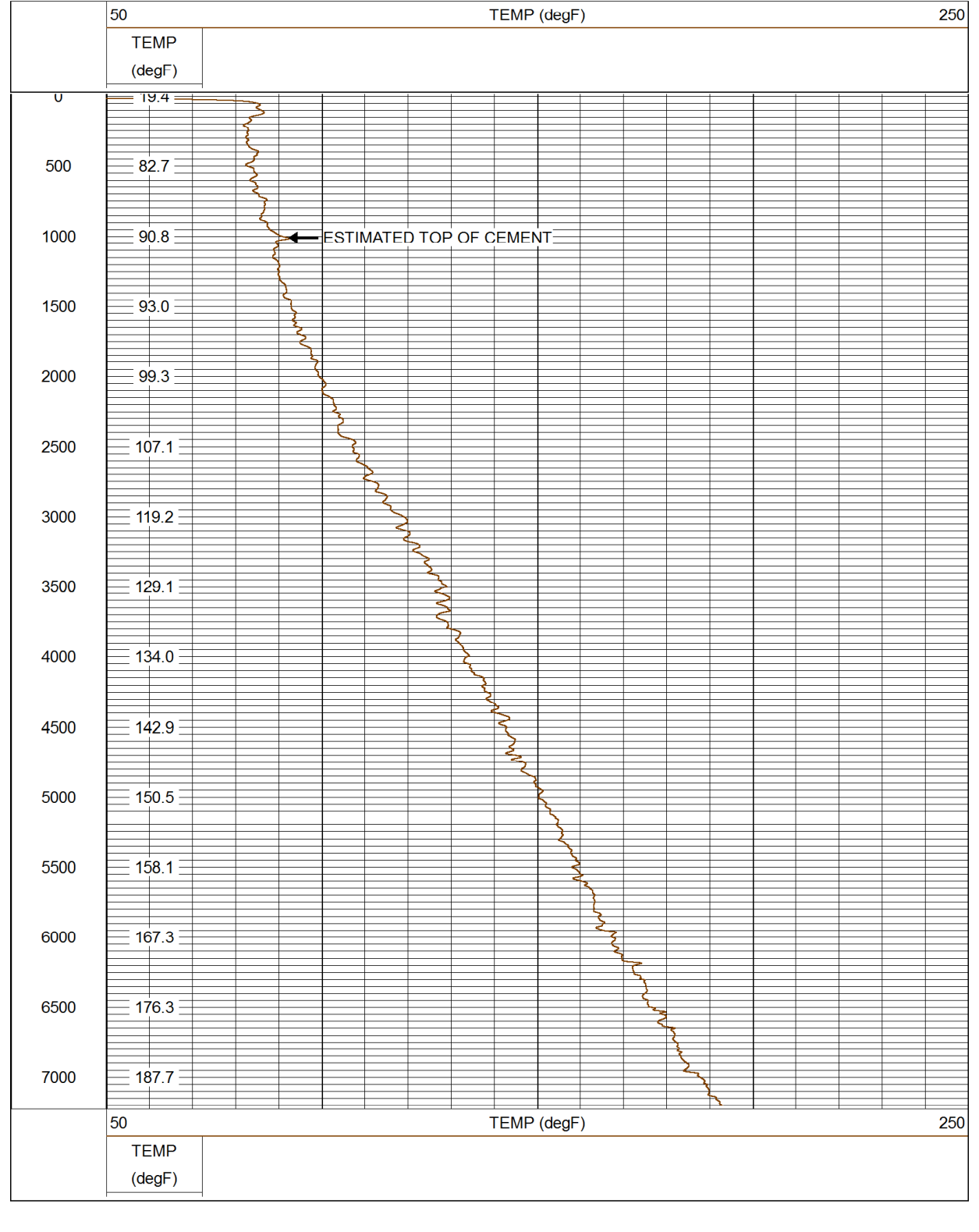
MAIN PASS

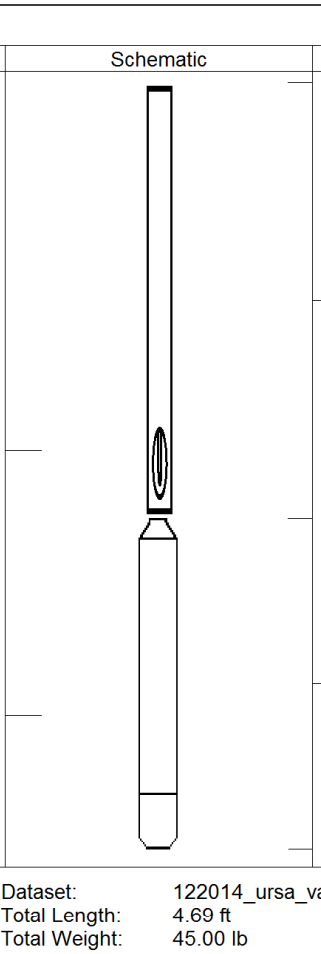
Database File: 122014_ursa_valleyfarmsl_44c_11_06_92.db
Dataset Pathname: main/pass1
Presentation Format: rmws_temp
Dataset Creation: Sat Dec 20 21:47:35 2014 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

MAIN PASS QUICKLOOK

Database File: 122014_ursa_valleyfarmsl_44c_11_06_92.db
Dataset Pathname: main/pass2
Presentation Format: rmtemp_q
Dataset Creation: Sat Dec 20 23:09:31 2014 by Calc SCH 120430
Charted by: Depth in Feet scaled 1:10000



Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
TEMP	2.44		TEMP-APPLIED (16-53)	2.67	1.38	11.00
CCL	0.81		CCL-APPLIED (Applied_2.75) positive or negative voltage logging ccl	2.02	2.75	34.00

Dataset: 122014_ursa_valleyfarmsl_44c_11_06_92.db: field/well/main/pass1
Total Length: 4.69 ft
Total Weight: 45.00 lb
O.D. 2.75 in

RMWS
ROCKY MOUNTAIN WIRELINE SERVICE

Company URSA OPERATING COMPANY
Well VALLEY FARMS L 41A - 14 - 06 - 92
Field GRAVEL TREND
County GARFIELD
State COLORADO