

Perf-Tech

DUAL RECEIVER CEMENT BOND

business of a
expenses
subject to ou

Wireline Services		LOG	
Company AMERICAN WARRIOR, INC. Well WITTMAN #11 Field SCHABEN County NESS State KANSAS		Company AMERICAN WARRIOR, INC. Well WITTMAN #11 Field SCHABEN County NESS State KANSAS	
Location: AP # : 15-135-25402-00-00 850 FSL & 1380 FWL		Other Services	
Permanent Datum Log Measured From Drilling Measured From SEC 19 TWP 19S RGE 21W GROUND LEVEL Elevation 2267 KELLY BUSHING 6 A G.L. KELLY BUSHING G.L. 2267		Elevation K.E. 2273 D.F. 2267 G.L. 2267	
Run Number Depth Depth Logger Bottom Log Interval Top Log Interval Open Hole Size Casing Size Density / Viscosity Max. Recorded Temp. Estimated Cement Top Time Hole Reached Bottom Time Hole Closed Bottom Equipment Number Location		Run Number Depth Depth Logger Bottom Log Interval Top Log Interval Open Hole Size Casing Size Density / Viscosity Max. Recorded Temp. Estimated Cement Top Time Hole Reached Bottom Time Hole Closed Bottom Equipment Number Location	
Recorded By Witnessed By Borehole Record MR SCOTT CONSAKAR BOB KLAUS HAYS		Recorded By Witnessed By Borehole Record MR SCOTT CONSAKAR BOB KLAUS HAYS	
Run Number Bit ONE TWO 7.875 Casing Record Size 8.56 String 5 1/2 Production String Liner		Run Number Bit ONE TWO 7.875 Casing Record Size 8.56 String 5 1/2 Production String Liner	
From 12.25 00 223 4391		From 12.25 00 223 4391	
To 223 4391		To 223 4391	
Size 236 236		Size 236 236	
Weight 00 00		Weight 00 00	
From 223		From 223	
To 223		To 223	

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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 our 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 injury incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to the general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU FOR USING
 PERF-TECH WIRELINE SERVICES, INC.
 785-628-3969

DIRECTIONS: BAZINE, KS.
 5 SOUTH to Rd 80,
 1/4 EAST, NORTH into

206.db

20 11:22:46 2012 by Log SCH 111116

Feet scaled 1:240

150	0	3' AMPLITUDE (mV)	100	200
	500	3' TRAVEL TIME (usec)	235	
	9	Collar Locator	-1	

0	Gamma Ray (GAPI)	150	0	3' AMPLITUDE (mV)	100	200	5' Variable Density	1100
			500	3' TRAVEL TIME (usec)	235			
			9	Collar Locator	-1			