Perf-Tech Wireline Services, Inc.

DUAL RECEIVER SONIC SOUND LOG

Company	AMERICAN WARRIOR, INC.
Well	REIN NO. 1-23
Field	SCHAEFER NORTHWEST
County	NESS
State	KANSAS
API #	15-135-25015-00-00
Other Services	
Permanent Datum	Elevation
Log Measured From	2 Feet Above Perm. Datum
Drilling Measured From	KB
Date	09-Jul-2013
Run Number	ONE
Depth Driller	4300
Depth Logger	4300
Bottom Logged Interval	4300
Top Logged Interval	3100
Type Fluid in Hole	Water
Salinity, PPM Cl	
Density	8.4
Viscosity	28
Fluid Level	Full
Max. Recorded Temp.	110
Estimated Cement Top	3100
Equipment Number	2
Location	HAYS, KS
Recorded By	J. Schmidt
Witnessed By	Mr. Rick Hiebert

Bit Record					
No.	Bit	Size	Type	Inside	Out
1		7 7/8		0	4300

Casing Record					
	Size	Wgt.	Grade	Top	Bottom
Surface	8 5/8	23		0	224
Production	5 1/2	15.5		0	4300

Mud Type	Time	Sample	Source	Resistivity	Filtrate	Viscosity	Density
Gel Chem	0		Flow Line	0.000	0.000	0	0
	0		Mud Pit	0.000	0.000	0	0

Equipment	Serial No.	Size
Sonic Sonde	2	
Sonic Sonde	2	
Cable	7	
Cable	7	
Cable	7