Perf-Tech Wireline Services

DUAL RECEIVER CEMENT BOND LOG

Company	AMERICAN WARRIOR, INC.
Well	OHANIAN # 2-27
Field	WIMBERGHERT
County	NESS
State	KANSAS

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Location	SEC 27 TWP 18S RGE 21W
	2310' FNL & 1980' FEL
API #	15-135-24990-0000
Elevation	2240' KB
Date	10/24/2012
Run No.	ONE
Depth Driller	4480'
Depth Logger	4480'
Bottom Log Interval	4480'
Top Log Interval	3100'
Casing Driller	8 5/8" @ 224'
Casing Logger	224'
Bit Size	7 7/8"
Type Fluid	GEL
Density / Viscosity	9.2 / 55
Max Rec. Temp.	120 F
Equipment / Location	3-1 / HAYS
Recorded By	J. PAYNE
Witnessed By	J. BRUNGARDT

Tool Specifications	
Tool Type	Dual Receiver Cement Bond Log
Tool Serial No.	1206
Max. Recorded Temp.	120 F
Max. Recorded Pressure	1000 PSI
Calibration Date	10/24/2012
Calibration Time	08:00
Calibration Ref.	1206
Tool Length	12.0 ft
Tool Weight	250 lbs
Tool Diameter	3.625 in
Tool Position	Decentralized
Max. Tool Speed	30 fpm
Log Speed	30 fpm
Time Constant	1 sec
Sensitivity	1 mv/psi
Gain	1
Amplitude Filter	1
Amplitude Offset	0
Amplitude Scale	1
Amplitude Units	mv
Variable Density Scale	100
Variable Density Offset	0
Variable Density Units	us
Gamma Ray Scale	150
Gamma Ray Offset	0
Gamma Ray Units	API
Collar Locator Scale	1
Collar Locator Offset	0
Collar Locator Units	in
Tension Scale	1000
Tension Offset	0
Tension Units	lbs
Tension Filter	1
Tension Source	Cable

Field Print

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.

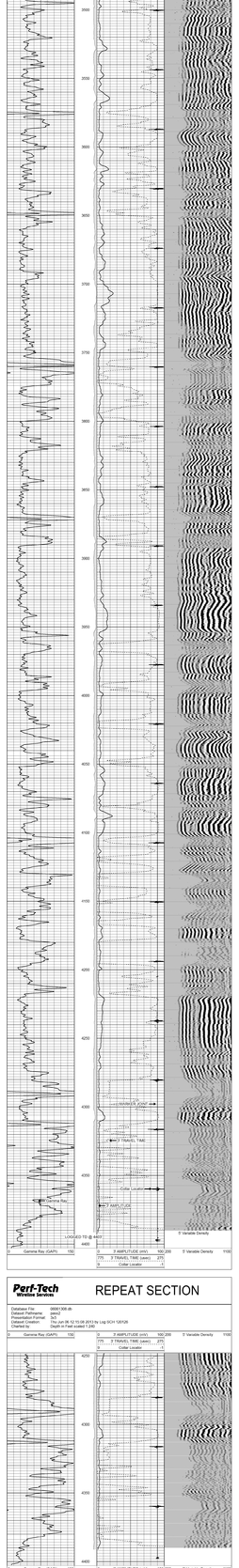
Comments

THANKS FOR USING PERF-TECH WIRELINE
785-623-3068
ALEXANDER WEST TO "OAZ" RD (CHRIST PILOT HILL),
3 SOUTH TO 100 RD, 1 WEST TO "FF" RD ,
1 SOUTH TO 90 RD, 1/4 WEST, SOUTH INTO

MAIN PASS

Perf-Tech Wireline Services

Database File: 0606\1306.db
Dataset Pathname: pass2
Presentation Format: bcl
Dataset Creation: Thu Jun 06 12:19:46 2013 by Log SCH 1205\R
Charted by: Depth in Feet scaled 1:240



REPEAT SECTION

Perf-Tech Wireline Services

Database File: 0606\1306.db
Dataset Pathname: pass2
Presentation Format: bcl
Dataset Creation: Thu Jun 06 12:15:08 2013 by Log SCH 1205\R
Charted by: Depth in Feet scaled 1:240