



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-083-21,876-00-00

Company American Warrior, Inc.

Well Chipman No. 1-16

Field Unknown

County Hodgeman State Kansas

Location 335' FSL & 2286' FWL

Other Services
DIL/MEL

Sec: 16 Twp: 22 S Rge: 21 W

Permanent Datum Ground Level Elevation 2160
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2171
D.F.
G.L. 2160

Date 1/28/2013

Run Number One

Type Log CNL / CDL

Depth Driller 4460

Depth Logger 4461

Bottom Logged Interval 4440

Top Logged Interval 3700

Type Fluid In Hole Chemical

Salinity, PPM CL 9300

Density 9.3

Level Full

Max. Rec. Temp. F 121

Operating Rig Time 4 1/2 Hours

Equipment -- Location 15 Days

Recorded By D. Martin

Witnessed By Kevin Timson

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

One 12.25 00 1101 8.625 23# 00 1101

Two 7.875 1101 TD

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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

Thank you for using Log-Tech, Inc.
(785) 625-3858

Burdett, KS
6 W to 233 Rd., 2 S to P Rd.,
3/4 W, N Into

Database File: amwhd.db
Dataset Pathname: DIL/amwstk
Presentation Format: cdl
Dataset Creation: Mon Jan 28 10:32:32 2013
Charted by: Depth in Feet scaled 1:600

Charted by: Depth in Feet scaled 1:600					
0	Gamma Ray (GAPI)	150	30	Compensated Density (pu)	-10
6	Caliper (in)	16	2	Bulk Density (g/cc)	3
			15000	Line Tension (lb)	0
			2.625	DGA (g/cc)	3.425
			-0.25	Correction (g/cc)	0.25
			LSPD (ft/min)		











