



PIONEER

Pioneer Energy Services

Borehole Compensated Sonic Log

API No.

15-055-22,368-00-00

Company **American Warrior, Inc.**

Well **Six-M No. 1-23**

Field **Hugoton Gas Area**

County **Finney**

State **Kansas**

Location **2309' FNL & 1345' FWL**

Sec: **23**

Twp: **22s**

Rge: **34w**

Elevation

Permanent Datum **Ground Level** Elevation **2929**

Log Measured From **Kelly Bushing** 13 Ft. Above Perm. Datum

K.B. 2942
D.F. 2929
G.L. 2929

Drilling Measured From **Kelly Bushing**

Date

12/22/2014

Run Number

Two

Type Log

BHC Sonic

Depth Driller

4950

Depth Logger

4951

Bottom Logged Interval

4940

Top Logged Interval

1750

Type Fluid In Hole

Chemical

Salinity, PPM CL

1400

Density

9.2

Level

Full

Max. Rec. Temp. F

126

Operating Rig Time

5 Hours

Equipment -- Location

108 Hays

Recorded By

D. Fischer

Witnessed By

J. Long

Run No

Bit

From

To

Size

Wgt.

From

To

One

12.25

00

1768

8.625

23#

00

1768

Two

7.875

1768

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

Scott City Ks., South to Tennis Rd., West to Big Lowe Rd., South to Miller Rd.,
2 West, 1/2 North, East Into.

Database File: american_warrior_six_m_1-23hd.db
Dataset Pathname: DIL/amstck
Presentation Format: sonic
Dataset Creation: Mon Dec 22 02:53:25 2014
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	Sonic Int	140	Delta Time (usec/ft)	40
150	Gamma Ray	300	5	0	Sonic Porosity	-10
6	dCAL (GAPI)	16			LTEN (lb)	0
						LSPD





























