



Pioneer Energy Services

Borehole Compensated Sonic Log

API No.

15-193-20,938-00-00

Company **Val Energy, Inc.**

Well **Otto No. 1-26**

Field **Thomas**

County **Thomas** State **Kansas**

Location **1063' FNL & 1513' FWL**

Sec: **21** Twp: **8s** Rge: **35w**

Other Services
CNL/CDL
MEL/DIL

Elevation

K.B. 3316
D.F.
G.L. 3306

Permanent Datum **Ground Level** Elevation **3306**

Log Measured From **Kelly Bushing** 10 Ft. Above Perm. Datum

Drilling Measured From **Kelly Bushing**

Date **12/3/2014**

Run Number **Two**

Type Log **BHC Sonic**

Depth Driller **4917**

Depth Logger **4923**

Bottom Logged Interval **4912**

Top Logged Interval **250**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **7000**

Density **9.4**

Level **Full**

Max. Rec. Temp. F **125**

Operating Rig Time **5 Hours**

Equipment -- Location **108 | Hays**

Recorded By **D. Fischer**

Witnessed By **John Goldsmith**

Borehole Record

Casing Record

Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	256	8.625	23#	00	256
Two	7.875	256	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

Levant I-70 Exit, 1/2 North, 4 West to 9 rd., 1 1/2 South, East Into.

Database File: val_otto_1-21hd.db
 Dataset Pathname: DIL/valstck
 Presentation Format: sonic
 Dataset Creation: Wed Dec 03 11:00:23 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		15000	LTEN (lb)	0

LSPD











































