



Pioneer Energy Services

Dual Compensated Porosity Log

API No. 15-065-23843-00-00

Company **H&C Oil Operating, Inc.**
 Well **Gosselin #24-1**
 Field **Mickelson Northeast**
 County **Graham** State **Kansas**

Location **600' FSL & 330' FWL**

Sec: **24** Twp: **8S** Rge: **22W**

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 2147
 Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
 Drilling Measured From Kelly Bushing

Elevation
K.B. 2152
D.F. G.L. 2147

Date 8/17/2012

Run Number One

Type Log CNL / CDL

Depth Driller 3850

Depth Logger 3852

Bottom Logged Interval 3832

Top Logged Interval 3050

Type Fluid In Hole Chemical

Salinity, PPM CL 1000

Density 9.1

Level Full

Max. Rec. Temp. F 117

Operating Rig Time 4 Hours

Equipment -- Location 91 Hays

Recorded By D. Schmidt

Witnessed By Clayton Erickson

Borehole Record		Casing Record				
Run No	Bit From	To	Size	Wgt. 24#	From	To
One	12.25	0	232	8.625	0	232
Two	7.875	232	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 Pioneer Energy Services
 www.pioneeres.com
 785 625 3858
 Bogue (Main St. & P Terr),
 2 1/2 West, 1 1/4 South,
 E into

Database File: h&c_081712hd.db
 Dataset Pathname: dil/hcstack
 Presentation Format: cdl
 Dataset Creation: Sat Aug 18 00:08:56 2012
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density (pu)			-10	
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)











