



Pioneer Energy Services

Dual Compensated Porosity Log

15-073-24192-00-00

API No.	Company Bear Petroleum, LLC		
	Well Lewis C #4	Ground Level Kelly Bushing	Elevation 1417
	Field Unknown	Log Measured From Kelly Bushing	6 Ft. Above Perm. Datum
	County Greenwood	Drilling Measured From	
	Location 2970' FSL & 2310' FEL		
	State Kansas		
	Sec: 25	Twp: 27S	Rge: 8E
			Other Services DIL MEL
			Elevation K.B. 1423 D.F. G.L. 1417

Date	9/7/2013		
Run Number	One		
Type Log	CNL / CDL		
Depth Driller	2800		
Depth Logger	2799		
Bottom Logged Interval	2778		
Top Logged Interval	1600		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	600		
Density	9.3		
Level	Full		
Max. Rec. Temp. F	106		
Operating Rig Time	4 Hours		
Equipment -- Location	91 Hays		
Recorded By	D. Schmidt		
Witnessed By	Bill Stout		
Borehole Record			
Run No.	Bit	From	To
1	12.25	00	84
2	7.875	84	2800
Casing Record			
	Size	Wgt.	From
	8.625	24#	00
			To
			84

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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.pioneerenergy.com
 785 625 3858
 Beaumont,
 3 East, 1 North,
 North and East into

Database File: c:\warrior\data\bear pet_lewis c #4\bear_090713hd.db
 Dataset Pathname: dil/brstck
 Presentation Format: cdl
 Dataset Creation: Sat Sep 07 16:05:43 2013
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
			Correction
			LSPD

















