



Pioneer Energy Services

Dual Compensated Porosity Log

15-051-26,426-00-00

API No.	Company E&B Natural Resources Management		
	Well Marshal A No. 43WD		
	Field Bemis-Shutts		
	County Eljis	State Kansas	
	Location	SW NE NE NW/4 350' FNL & 2,290' FWL	
	Sec: 31	Twp: 11S	Rge: 17W
Permanent Datum	Ground Level	Elevation 2122	Other Services
Log Measured From	Kelly Bushing	5 Ft. Above Perm. Datum	DIL
Drilling Measured From	Kelly Bushing		MEL
Date	12/14/2012	Elevation	K.B. 2127
Run Number	One		D.F. 2122
Type Log	CNL / CDL		G.L. 2122
Depth Driller	3745		
Depth Logger	3742		
Bottom Logged Interval	3721		
Top Logged Interval	3000		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	4000		
Density	8.5		
Level	Full		
Max. Rec. Temp. F	113		
Operating Rig Time	4 Hours		
Equipment -- Location	108 Hays		
Recorded By	J. Long		
Witnessed By	Bob O'Dell		

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	290	8.625	24#	00	290
2	7.875	290	3745				

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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

Hays, North to Buckeye Road, 3 East to 180th Road, 3 North, 1/2 East, 3/4 North Into

0	Gamma Ray	150
8	Caliper (GAPI)	18

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



















