PSI
PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
MICROLOG

Company	
Well	
Field	
County	
State/Prv	

Company	Mull Drilling Company Inc.		
Well	Jettie 1-34		
Field	Cavalry		
County	Kiowa	State/Province	Colorado
Location	658' FNL & 1621' FWL NE NW Sec. 34, Twp. 18S, Rge. 45W	Other Services	High Res. Induction
		Elevation	K.B. 3917 D.F. 3916 G.L. 3907
Permanent Datum	GL	Elevation	3907
Log Measured From	KB		
Drilling Measured From	KB		

Date	May 15, 2011		
Run Number	1		
Depth Driller	4907		
Depth Logger	4896		
Bottom Logged Interval	4876		
Top Log Interval	2200		
Casing Driller	347		
Casing Logger	Not Logged		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.3 / 16		
pH / Fluid Loss	10.5 / 7.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.74 @ 65 F		
Rmf @ Meas. Temp	2.86 @ 65 F		
Rmc @ Meas. Temp	4.73 @ 65 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.14 @ 139 F		
Time Circulation Stopped	0100		
Time Logger on Bottom	0650		
Maximum Recorded Temperature	139 F		
Equipment Number	52		
Location	Brighton, CO		
Recorded By	Randy Conley		
Witnessed By	Phil Askey		

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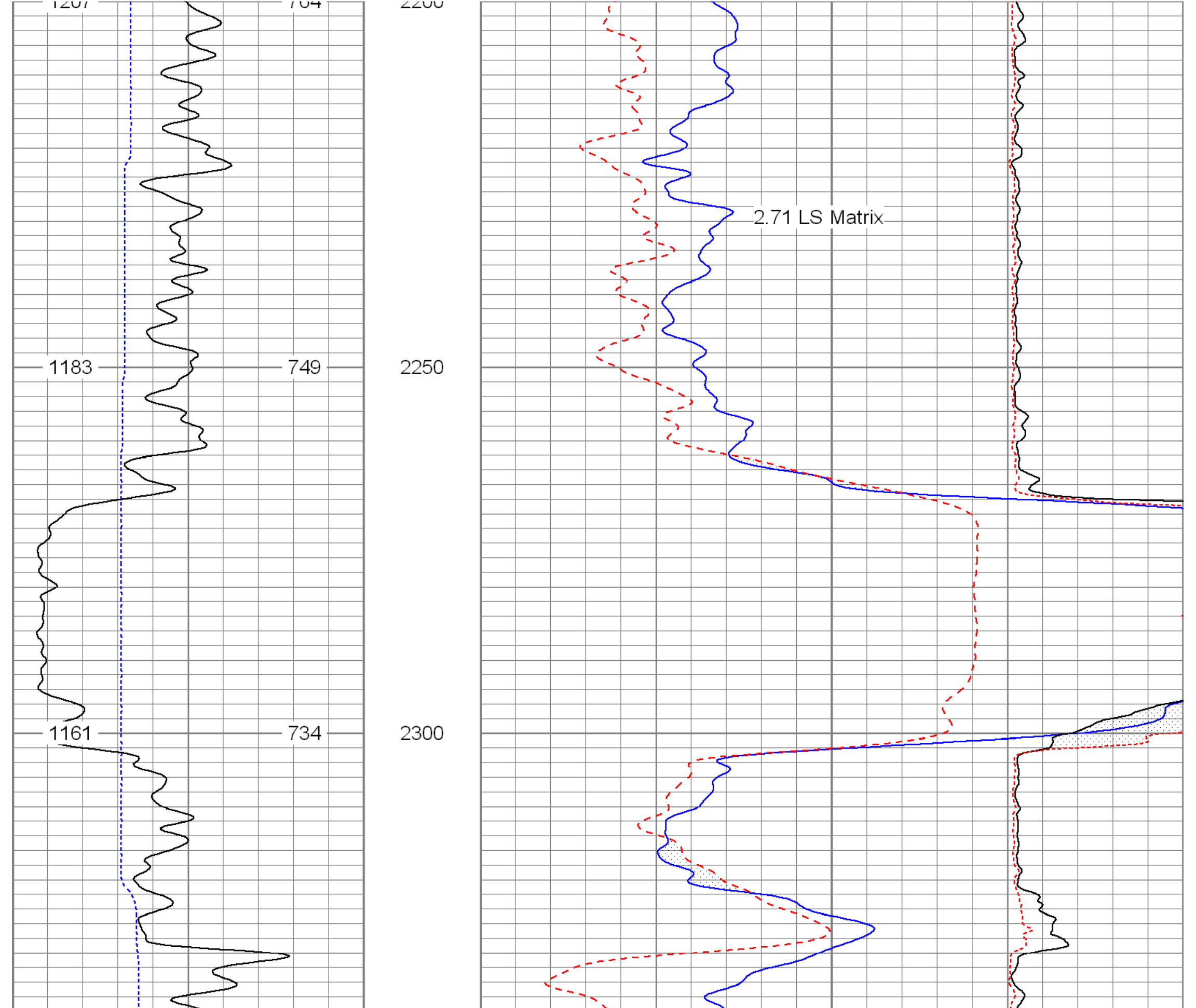
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

Annular volume calculated for 5.5" casing
Murfin Drilling Rig 20
Thank you for using Phoenix Surveys!!
API #: 05-061-06852-00

Database File: 117.db
Dataset Pathname: final
Presentation Format: noble
Dataset Creation: Sun May 15 07:51:36 2011
Charted by: Depth in Feet scaled 1:240

6	Caliper (in)	16		30	Density Porosity (pu)		-10
0	Gamma Ray (GAPI)	200		30	Neutron Porosity (pu)		-10
						-75 Microinverse (1") (Ohm-m)	75
						-75 Micronormal (2") (Ohm-m)	75



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