



**MIDWEST SURVEYS**  
 LOGGING - PERFORATING - CONSULTING SERVICES  
 P. O. Box 68, Osawatomie, KS 66064  
 913 / 755 - 2128

**GAMMA RAY / NEUTRON / CCL**

File No.

Company: Bradley Oil Company  
 Well: Gillespie No. 1-4  
 Field: Longanecker Southeast  
 County: Johnson State: Kansas

Location: 3489 FSL & 1882 FEL  
 SW/NE-SW/NE

Sec. 30  
 Permian Datum  
 Log Measured From  
 Drilling Measured From

Type: 14S  
 Rge: 22e  
 Elevation: NA  
 K.B. NA  
 D.F. NA  
 G.L. NA

Other Services: Perforate

Date: 11-18-2013

Run Number: One

Depth Driller: 953.0

Depth Logger: 946.8

Bottom Logged Interval: 945.8

Top Log Interval: 20.0

Fluid Level: Full

Type Fluid: Water  
 Density / Viscosity: NA  
 Salinity - PPM Cl: NA  
 Max Recorded Temp: NA  
 Estimated Cement Top: 0.0  
 Equipment No.: 107  
 Location: Osawatomie  
 Recorded By: Steve Mindisch  
 Witnessed By: Joe Thyer

BORE-HOLE RECORD

RUN	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	45.0	7.00"	17.0#	0.0	45.0
Two	3.925"	45.0	953.0	2.875"	6.5#	0.0	949.0

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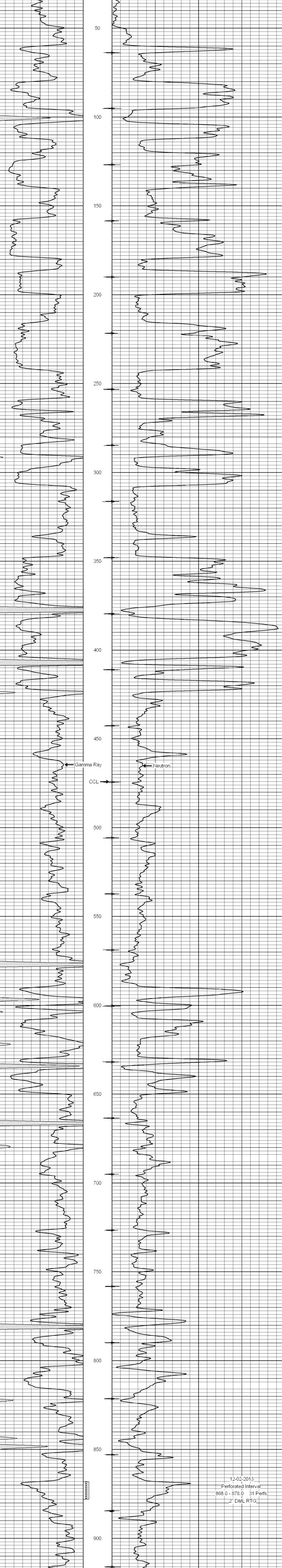
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Drilling Contractor :  
 Hat Drilling

Database File: gillespie4i.db  
 Dataset Pathname: pass1  
 Presentation Format: gr-n-ccl  
 Dataset Creation: Mon Nov 18 12:51:27 2013 by Log SCH 111116  
 Charted by: Depth in Feet scaled 1:240

0 Gamma Ray (cps) 150  
 150 Gamma Ray (cps) 300  
 -1 CCL 1  
 10 Neutron (cps) 2100



12-02-2013  
 Perforated Interval  
 868.0 - 878.0 31 Perfs  
 2" DML RTG

0 Gamma Ray (cps) 150  
 150 Gamma Ray (cps) 300  
 -1 CCL 1  
 10 Neutron (cps) 2100