



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

GAMMA RAY / NEUTRON / CCL

File No. Company **Bobcat Oilfield Services, Inc.**

Well **Stainbrook No. 22W-14**

Field **LaCygne - Cadmus**

County **Linn** State **Kansas**

Location **3321' FSL & 3328' FEL
SE-NW-SE-NW**

Other Services

Sec. 9 Twp. 20S Rge. 23E
 Permanent Datum GL Elevation NA
 Log Measured From GL
 Drilling Measured From GL

Date **09-25-2014**

Run Number **One**

Depth Driller **341.0**

Depth Logger **332.0**

Bottom Logged Interval **331.0**

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. **102** Location **Osawatomie**
 Recorded By **Gary Windisch**
 Witnessed By **Bob Eberhart**

BORE-HOLE RECORD				CASING RECORD			
Run	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	8.75"	0.0	20.0	6.00"	15.0 #	0.0	20.0
Two	5.625"	20.0	341.0	2.875"	6.5 #	0.0	332.0

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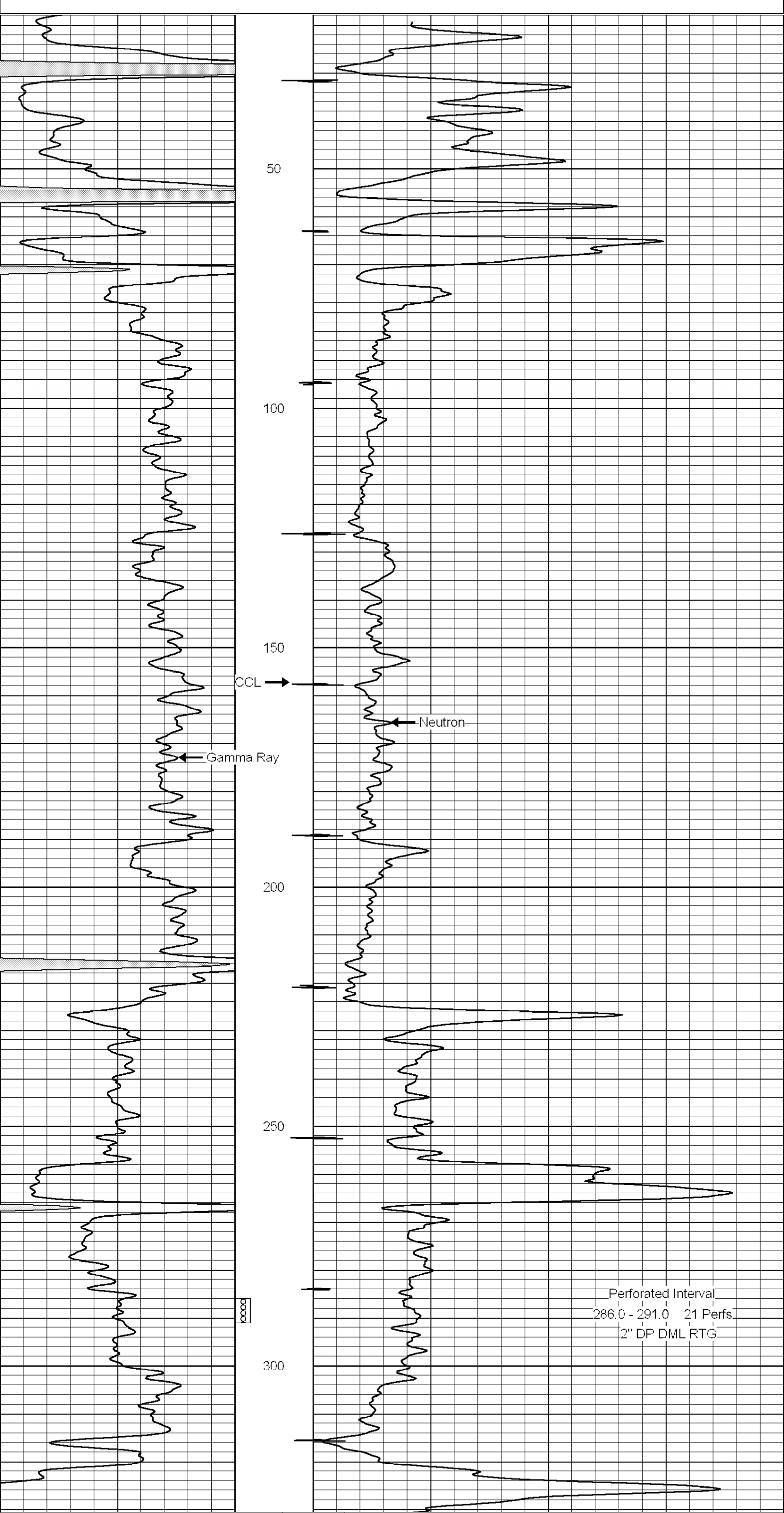
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

Database File: stainbrook22w-14.db
 Dataset Pathname: pass1
 Presentation Format: gr-n-ccl
 Dataset Creation: Mon Aug 25 12:25:40 2014 by Log SCH 111116
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (cps)	150	-1 CCL 1	100	Neutron (cps)	1900
150	Gamma Ray (cps)	300				



Perforated Interval
 286.0 - 291.0 21 Perfs.
 2" DP DML RTG

0	Gamma Ray (cps)	150	-1 CCL 1	100	Neutron (cps)	1900
150	Gamma Ray (cps)	300				