



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

GAMMA RAY / NEUTRON / CCL

File No.	Company		DE Exploration, Inc.	
	Well		Garberg No. A-14	
	Field		Black	
	County		Miami	
			State	
			Kansas	
	Location		5115' FSL & 2425' FEL NW-NW-NW-NE	
	Sec. 4		Twp. 19s Rge. 24e	
	Permanent Datum		GL	
	Log Measured From		GL	
Drilling Measured From		GL		
Date		09-05-2012		
Run Number		One		
Depth Driller		480.0		
Depth Logger		408.4		
Bottom Logged Interval		407.4		
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		
Recorded By		Steve Windisch		
Witnessed By		Doug Evans		
RUN		BORE-HOLE RECORD		
No.		BIT		
One		12.25"		
Two		6.75"		

API # 15-121-29,077	
Other Services	
Perforate	
Elevation	
K.B. NA	
D.F. NA	
G.L. NA	

Date	
09-05-2012	
Run Number	
One	
Depth Driller	
480.0	
Depth Logger	
408.4	
Bottom Logged Interval	
407.4	
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	
Recorded By	
Steve Windisch	
Witnessed By	
Doug Evans	
BORE-HOLE RECORD	
CASING RECORD	
TO	
21.0	
FROM	
0.0	
SIZE	
8.625"	
WGT.	
0.0	
FROM	
0.0	
TO	
436.6	
Baffle	
Set	
At	
409.5	

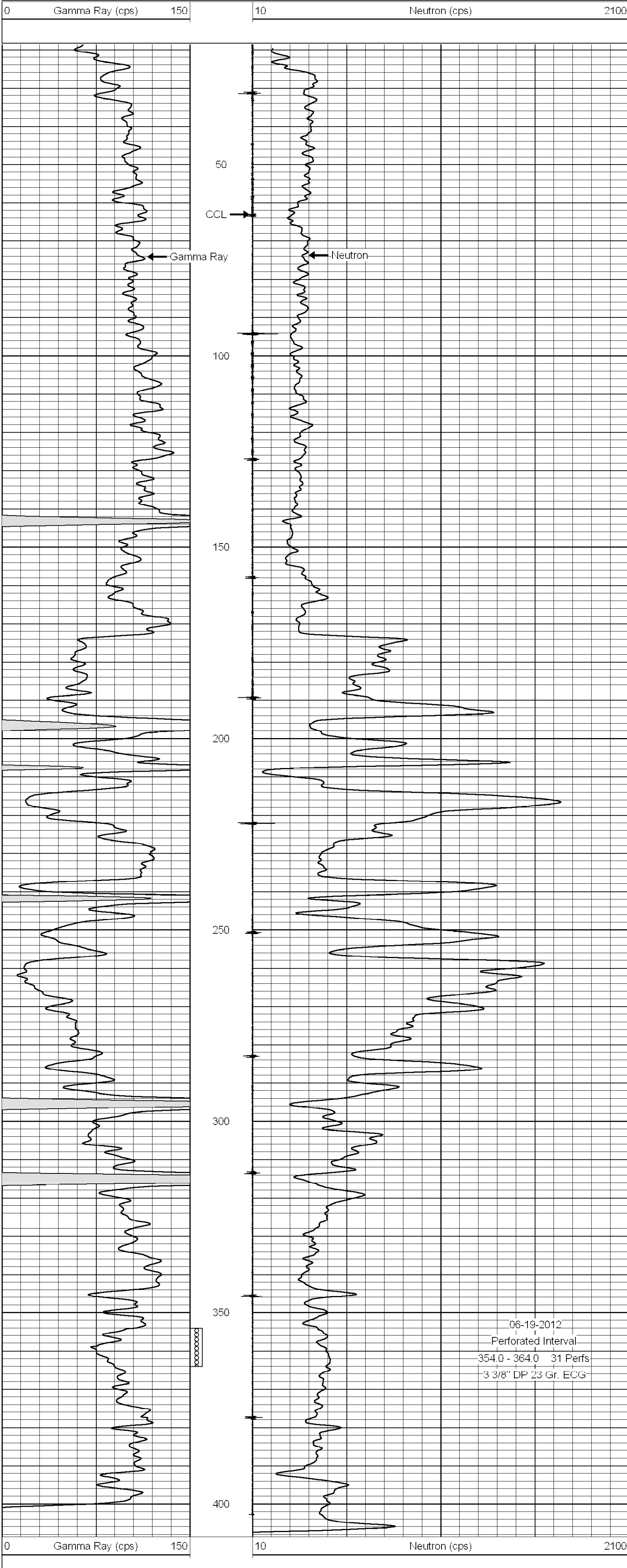
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 :
Town Oilfield Services, Inc.

Database File: garberg14a.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue Jun 05 14:47:20 2012 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240



06-19-2012
Perforated Interval
354.0 - 364.0 31 Perfs
3 3/8" DP 23 Gr. ECG