



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

GAMMA RAY / NEUTRON / CCL

File No.

Company **Kansas Resources Exploration**

Well **Harbison No. KR-48**

Field **Paola - Rantoul**

County **Miami** State **Kansas**

Location **3465 FSL & 165' FEL**

Sec. **6** Twp. **17s** Rge. **22e**

Permanent Datum **GL** Elevation **1096'**

Log Measured From **GL** Elevation **K.B. NA**

Drilling Measured From **GL** D.F. **NA**

Date **05-14-2014**

Run Number **One**

Depth Driller **790.0**

Depth Logger **776.5**

Bottom Logged Interval **775.5**

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 **Osawatimie**

MIDWEST SURVEYS

LOGGING - PERFORATING - CONSULTING SERVICES

P.O. Box 66, Oswaltowne, KS 68064

913 / 755 - 2128

GAMMA RAY / NEUTRON / CCL

File No.		Company Kansas Resources Exploration					
		Well Harbison No. KR-48					
		Field Paola - Rantoul					
		County Miami State Kansas					
Location		3465' FSL & 165' FEL SE-NE-SE-NE			Other Services Perforate		
Sec. 6		Twp. 17S		Rge. 22e			
Permanent Datum		GL		Elevation 1096'			
Log Measured From		GL		K.B. NA D.F. NA			
Drilling Measured From		GL		G.L. 1096'			
Date	05-14-2014						
Run Number	One						
Depth Driller	790.0						
Depth Logger	776.5						
Bottom Logged Interval	775.5						
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	Oswaltowne					
Recorded By	Gary Windisch						
Witnessed By	Brad Kramer						
BORE-HOLE RECORD		CASING RECORD					
Run No.	BIT	FROM	TO	SIZE	WGHT.	FROM	TO
One	9.875"	0.0	22.75	7.00"	14.0#	0.0	22.75
Two	5.875"	22.75	790.0	2.875"	6.5 #	0.0	777.70

API # 15-121-29,904

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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

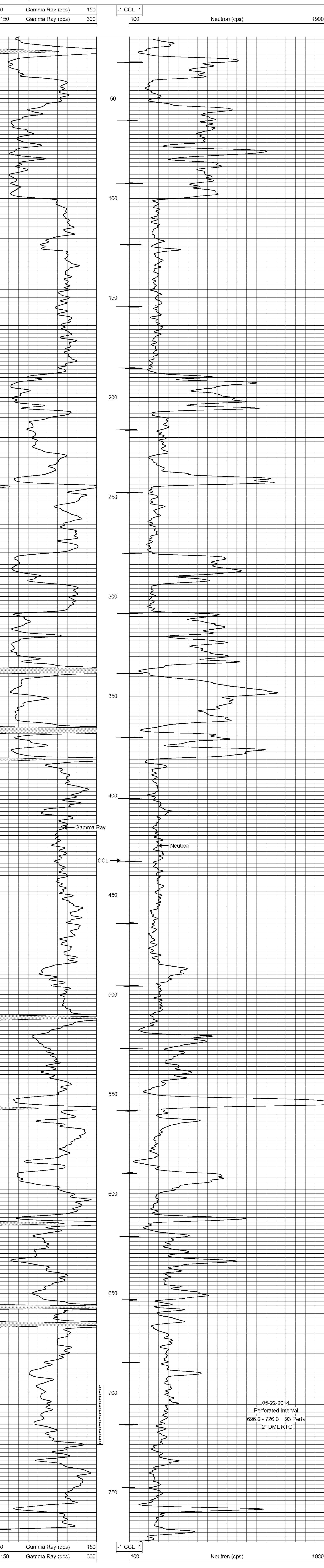
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on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

Database File: harbison48kr.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Wed May 14 15:36:10 2014 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240



05-22-2014
Perforated Interval
696.0 - 726.0 93 Perfs
2" DML RTG