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

GAMMA RAY / NEUTRON / CCL

File No.

API# 15-059-27,095

Company	Haas Petroleum, LLC.
Well	Ferrell No. 21i- HP
Field	Paola / Rantoul
County	Franklin
State	Kansas

Location
2330' FNL & 3190' FWL
SE-SW-SW-NE
Sec. 18 Twp. 18s Rge. 21e

Other Services

Permanent Datum	GL	Elevation	1012'
Log Measured From	GL		
Drilling Measured From	GL		

Elevation
K.B. NA
D.F. NA
G.L. 1012'

Date		02-04-2016			
Run Number		One			
Depth Driller		735.0			
Depth Logger		714.8			
Bottom Logged Interval		713.8			
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.	Location	102	Osawatomie		
Recorded By		Gary Windisch			
Witnessed By		John Haas			

RUN	BORE-HOLE RECORD			CASING RECORD			
No.	BIT	FROM	TO	SIZE	WGT.	FROM	TO
One	9.875"	0.0	20.0	7.00"	17.0 #	0.0	20.0
Two	5.625"	20.0	735.0	2.875"	6.5 #	0.0	716.0

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Comments

Drilling Contractor :
Skyy Drilling, LLC.
Rig #6

Database File: ferrell 21ihp.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Thu Feb 04 11:34:07 2016 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240