



MIDWEST SURVEYS
LOGGING - PERFORATING - CONSULTING SERVICES
P.O. Box 68, Osawatomie, KS 66064
913 / 755 - 2428

GAMMA RAY / NEUTRON / CCL

THE

Company **Midstates Energy Operating, LLC.**

Well Mark Leac

Field Norwood

County Franklin State Kansas

Location

1618 FSL & 3/4 FEL	Perforate
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SW-SE-NE-SE

Sec. 20	Two	15s	Rae	20e
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Permanent Datum	GL	Eleva
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Log Measured From GL

Drilling Measured From GL

	11-21-2017	

One	
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180.0	
200.0	

7.99	
7.99	

100.0	100.0
70.2	70.2
20.0	20.0

[illegible]

Water	
1 cm	

NA		
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		Z ^A	
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	NA	

	0.0	
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Location	104	Osawatomi	
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	Gary Wmndisch	
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T J Ballou

BORE-HOLE RECORD	CASE

FROM	TO	SIZE	WGT.
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0.0	22.5	7.00"	17.0
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22.5	780.0	2.875"	6.5
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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

Comments

Drilling Contractor :
Evans Energy & Development, Inc.

Database File:	mark leach 2i.db
Dataset Pathname:	pass1
Presentation Format:	gr-n-ccl
Dataset Creation:	Tue Nov 21 10:52:01 2017 by Log SCH 111116

