Company KANSAS PRODUCTION COMPANY
Well WILLIAMSON #M-4
Field PERU-SEDAN
County CHAUTAUQUA
State KANSAS

ORNISH
WIRELINE SERVICES, INC.
CHANUTE, KANSAS

GAMMA RAY NEUTRON COMPLETION LOG

Company KANSAS PRODUCTION COMPANY
Well WILLIAMSON #M-4
Field PERU-SEDAN
County CHAUTAUQUA State KANSAS

Location: API # : 15-019-27068-00-00
220' FSL & 1980' FEL
S/2 S/2 SW SE
SEC 25 TWP 33S RGE 10E

Other Services

Permanent Datum G.L. Elevation 873'EST.
Log Measured From G.L.
Drilling Measured From G.L.

Elevation
K.B.
D.F.
G.L. 873'EST.

Date	9-20-2011	9-26-11	
Run Number	1 NW	2 NW	
Depth Driller			
Depth Logger	1340.2'	1325.4'	
Top Log Interval		0	
Bottom Logged Interval	1340.2'	1325.4'	
Fluid Level	DRY	FULL	
Type Fluid	NONE	WATER	
Production Casing	4.5" @ T.D.	4.5" @ TD	@
Max. Recorded Temp.			
Estimated Cement Top			
Calculated Cement Top			
Amount & Type Cement			
Amount & Type Admix			
Drilling Contractor	PENSE		
Equipment Number	107	109	
Location			
Recorded By	UDEN, D.	SANBORN, G.	
Witnessed By	McCANN, M.	McCANN, M.	

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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

THANK YOU

Database File: g:\williamson #m-4.db
Dataset Pathname: pass2
Presentation Format: scbl_dr
Dataset Creation: Mon Sep 26 11:03:03 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

PERFORATION
3 1/8" SLICK TAG GUN
20 SHOTS @ 1248'-1258'
9-26-11

Database File: g:\williamson #m-4.db
Dataset Pathname: pass2
Presentation Format: gr-n-ccl
Dataset Creation: Mon Sep 26 11:03:03 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

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