CORNISH WIRELINE SERVICES, INC.
CHANUTE, KANSAS

GAMMA RAY NEUTRON COMPLETION LOG

Company	QUEST DEVELOPMENT COMPANY
Well	MANNSCHRECK #5
Field	PARMELY
County	COFFEY
State	KANSAS

Company QUEST DEVELOPMENT COMPANY
Well MANNSCHRECK #5
Field PARMELY
County COFFEY State KANSAS

Location: API #: 15-031-22816-00-00
1160' FNL & 750' FEL
SE SW NE NE
SEC 32 TWP 22S RGE 17E

Other Services

Permanent Datum GL Elevation 1041'EST
Log Measured From GL
Drilling Measured From GL

Elevation
K.B.
D.F.
G.L. 1041'EST.

Date	4-13-11		
Run Number	1 NW		
Depth Driller			
Depth Logger	1012.7'		
Top Log Interval	0		
Bottom Logged Interval	1012.7'		
Fluid Level	FULL		
Type Fluid	WATER		
Production Casing	2 7/8" @ TD	@	@
Max. Recorded Temp.			
Estimated Cement Top			
Calculated Cement Top			
Amount & Type Cement			
Amount & Type Admix			
Drilling Contractor			
Equipment Number	109		
Location			
Recorded By	SANBORN, G.		
Witnessed By	DVORACHEK, H.		

<<< Fold Here >>>

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

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray	4.75	1.69	20.00
GR	7.59					
			CCL-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL	1.83	1.69	7.50
CCL	5.05					
			NEU-TITAN (TIT801) TITAN 1 11/16" Neutron	4.33	1.69	25.00
NEU	0.63					

Dataset: mannschreck #5.db: field/well/run1/pass1
Total Length: 10.92 ft
Total Weight: 52.50 lb
O.D. 1.69 in

Database File: g:\mannschreck #5.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Wed Apr 13 09:32:29 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

CORNISH WIRELINE SERVICES, INC.
CHANUTE, KANSAS

Company	QUEST DEVELOPMENT COMPANY
Well	MANNSCHRECK #5
Field	PARMELY
County	COFFEY SEC. 32 TWP. 22E RGE. 17E
State	KANSAS Date 4-13-11