ORNISH
WIRELINE SERVICES, INC
CHANUTE, KANSAS

GAMMA RAY NEUTRON COMPLETION LOG

Company EXKA, LLC
Well MANNSCHRECK #15
Field PARMELY
County COFFEY State KANSAS

Location: API #: 15-031-23567-00-00
1477' FNL & 2100' FEL
NE NW SW NE
SEC 32 TWP 22S RGE 17E

Other Services

Permanent Datum GL Elevation 1040'EST.
Log Measured From GL
Drilling Measured From GL

Elevation
K.B.
D.F.
G.L. 1040'EST.

Date
Company EXKA, LLC
Well MANNSCHRECK #15
Field PARMELY
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Date	7-1-13		
Run Number	1 NW		
Depth Driller	1025'		
Depth Logger	1022.1'		
Top Log Interval	0		
Bottom Logged Interval	1022.1'		
Fluid Level	FULL		
Type Fluid	WATER		
Production Casing	2 7/8" @ TD	@	@
Max. Recorded Temp.			
Esimated Cement Top			
Calculated Cement Top			
Amount & Type Cement			
Amount & Type Admix			
Drilling Contractor			
Equipment Number	103		
Location			
Recorded By	SOLOMON, B.		
Witnessed By	DVORACHEK, H.		

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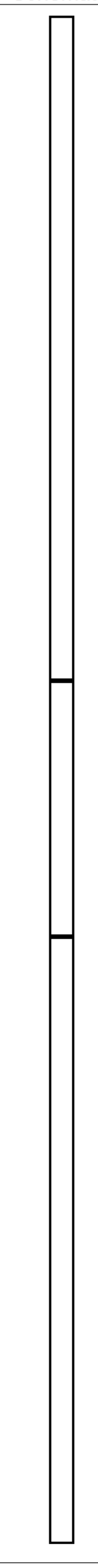
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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



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

Dataset: mannscreck # 15.db: field/well/run1/pass1
Total Length: 10.92 ft
Total Weight: 52.50 lb
O.D.: 1.69 in

Database File: e:\mannscreck # 15.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Mon Jul 01 08:15:26 2013 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

PERFORATION
2" DML-RTG
13 SHOTS @ 973' - 979'
2 SPF

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