ORNISH
WIRELINE
SERVICES, INC.
CHANUTE, KANSAS

GAMMA RAY NEUTRON CEMENT BOND COMPLETION LOG

Company	G & J OIL COMPANY, INC.
Well	MEADOWS #12-16
Field	WAYSIDE-HAVANA
County	MONTGOMERY State KANSAS
Location:	API #: 15-125-32288-00-00 2475' FNL & 3475' FWL SW SE SW NE SEC 1 TWP 34S RGE 14E
Other Services	

Permanent Datum	GL	Elevation	887'EST.
Log Measured From	GL		
Drilling Measured From	GL		

Elevation
K.B.
D.F.
G.L. 887'EST.

Company	G & J OIL COMPANY, INC.		
Well	MEADOWS #12-16		
Field	WAYSIDE-HAVANA		
County	MONTGOMERY		
State	KANSAS		
Date	10-17-12		
Run Number	1 NW		
Depth Driller			
Depth Logger	693.4'		
Top Log Interval	0		
Bottom Logged Interval	693.4'		
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	NUNNELEY, G.		

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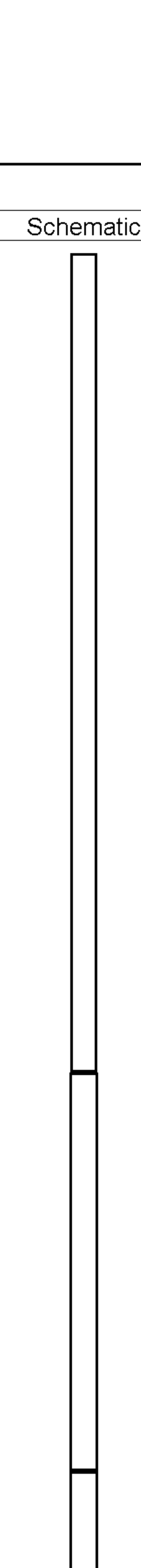
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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)
TEMP	17.42
WVF3FT	15.33
WVFCAL	15.33
WVF5FT	14.33
WVFTEMP	10.92
WVFSYNC	10.92
GR	7.59
CCL	5.05
NEU	0.63

Schematic



Description	Len (ft)	OD (in)	Wt (lb)
CBLTEKCO-168 1x2 w Temp (Del) (010) Tekco 400 Deg F 1 11/16" Dual Receiver with Temp	9.75	1.69	50.00
GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray	4.75	1.69	20.00
CCL-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL	1.83	1.69	7.50
NEU-TITAN (TIT801) TITAN 1 11/16" Neutron	4.33	1.69	25.00

Dataset: meadows #12-16.db: field/well/run1/pass1
Total Length: 20.67 ft
Total Weight: 102.50 lb
O.D. 1.69 in

Database File: h:\meadows #12-16.db
Dataset Pathname: pass1
Presentation Format: scbl_dr
Dataset Creation: Wed Oct 17 13:11:56 2012 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

PERFORATION
2" DML RTG
13 SHOTS @ 644'-650'
20 SHOTS @ 654'-664'

Database File: h:\meadows #12-16.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Wed Oct 17 13:11:56 2012 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

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State	KANSAS Date 10-17-12