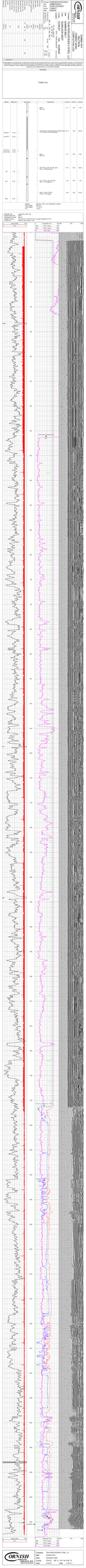

CORNISH WIRELINE SERVICES, INC.
CHANUTE, KANSAS

GAMMA RAY
NEUTRON
CEMENT BOND
COMPLETION LOG

Company TEAM RESOURCES/B-C
Well GAMMON #20-1
Field DONELSON WEST
County COWLEY
State KANSAS

Company TEAM RESOURCES/B-C STEEL, LLC
Well GAMMON #20-1
Field DONELSON WEST
County COWLEY State KANSAS

Location: API # : 15-035-24400-00-00
970' FSL & 985' FWL
SW NE SW SW
SEC 20 TWP 34S RGE 7E

Other Services

Permanent Datum G.L. Elevation 1307'
Log Measured From G.L.
Drilling Measured From K.B.

Elevation
K.B. 1312'
D.F. 1311'
G.L. 1307'

Date	6-30-2011		
Run Number	1-NEWWELL		
Depth Driller	2650'		
Depth Logger	2631'		
Top Log Interval	SURFACE		
Bottom Logged Interval	2631'		
Fluid Level	FULL		
Type Fluid	WATER		
Production Casing	4.5" @ T.D.	@	@
Max. Recorded Temp.			
Estimated Cement Top			
Calculated Cement Top	1763'		
Amount & Type Cement			
Amount & Type Admix			
Drilling Contractor			
Equipment Number	107		
Location			
Recorded By	UDEN, D.		
Witnessed By	TAYLOR, 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

Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		tekco tekco cent.	2.17	1.69	5.00
WVF3FT WVF5FT	17.50 16.50	CBLTEKCO-TEKCO2RCVR (TEKCO169) 1 11/16" TEKCO 2 RCVR DELWARE	9.75	1.69	50.00
WVFCAL WVFSYNC	13.08 13.08	tekco tekco cent.	2.17	1.69	5.00
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: gammon #20-1.db: field/well/run1/pass1
Total Length: 25.00 ft
Total Weight: 112.50 lb
O.D. 1.69 in

Database File: g:\gammon #20-1.db
Dataset Pathname: pass1
Presentation Format: scbl_dr
Dataset Creation: Thu Jun 30 11:54:48 2011 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	
9	CCL	-1	
0	Amplitude (mV)	150	
1200	TT3FT (usec)	200	
1500	TT5FT (usec)	200	
50	NEU (cps)	900	
200	VDL	1200	

0	Gamma Ray	150	
9	CCL	-1	
0	Amplitude (mV)	150	
1200	TT3FT (usec)	200	
1500	TT5FT (usec)	200	
50	NEU (cps)	900	
200	VDL	1200	

CORNISH WIRELINE SERVICES, INC.
CHANUTE, KANSAS

Company TEAM RESOURCES/B-C STEEL, LLC
Well GAMMON #20-1
Field DONELSON WEST
County COWLEY SEC. 20 TWP. 34S RGE. 7E
State KANSAS Date 6-30-2011