ORNISH WIRELINE SERVICES, INC.
CHANUTE, KANSAS

GAMMA RAY
NEUTRON
SONIC CEMENT BOND
COMPLETION LOG

Company LEON C. SMITHERMAN
Well MBF # 5-1
Field COMBS
County COWLEY
State KANSAS

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Location: API #: 15-035-24623-00-00
330' FSL & 330' FEL
SEC 5 TWP 30S RGE 5E

Other Services

Permanent Datum G.L. Elevation 1305'
Log Measured From K.B.
Drilling Measured From K.B. 8' A.G.L.

Elevation
K.B. 1313'
D.F.
G.L. 1305'

Date	11-26-2014		
Run Number	1-NEW WELL		
Depth Driller	3100'		
Depth Logger	3084.9'		
Top Log Interval	SURFACE		
Bottom Logged Interval	3084.9'		
Fluid Level	FULL		
Type Fluid	WATER		
Production Casing	5.5" @ T.D.	@	@
Max. Recorded Temp.			
Estimated Cement Top			
Calculated Cement Top	1390'		
Amount & Type Cement			
Amount & Type Admix			
Drilling Contractor	GULICK DRILLING		
Equipment Number	107		
Location			
Recorded By	UDEN, D.		
Witnessed By	REED, G.		

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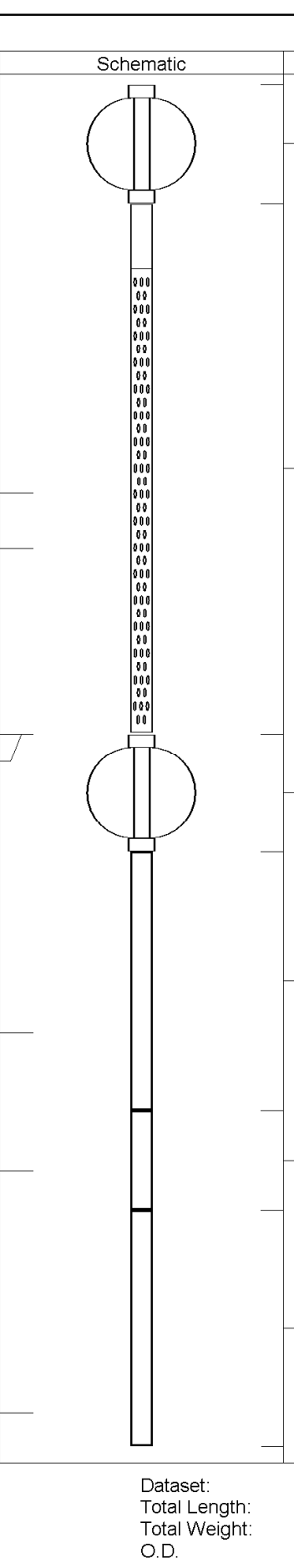
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

-5' TO MATCH TUCKER OHL"S
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_169 (TIT169_001) Titan 1 11/16" Neutron	4.33	1.69	20.00

Dataset: mbf #5-1.db: field/well/run1/pass1
Total Length: 25.00 ft
Total Weight: 107.50 lb
O.D. 1.69 in

Database File: mbf #5-1.db
Dataset Pathname: pass1
Presentation Format: scbl_dr
Dataset Creation: Wed Nov 26 11:56:26 2014 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240

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Company LEON C. SMITHERMAN
Well MBF # 5-1
Field COMBS
County COWLEY SEC. 5 TWP. 30S RGE. 5E
State KANSAS Date 11-26-2014