ORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

GAMMA RAY NEUTRON COMPLETION LOG

Company	McFADDEN OIL CO.
Well	LANTZ #4A
Field	MORAN
County	ALLEN
State	KANSAS

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API #: 15-001-30594-00-00

Location: 900' FSL & 4565' FEL
S/2 NE SW SW
SEC 36 TWP 24S RGE 20E

Other Services

Permanent Datum	G.L.	Elevation 1102'EST.	Elevation
Log Measured From	G.L.		K.B.
Drilling Measured From	G.L.		D.F.
			G.L. 1102'EST.

Date	1-16-2013		
Run Number	1-NEW WELL		
Depth Driller			
Depth Logger	843.9'		
Top Log Interval	SURFACE		
Bottom Logged Interval	843.9'		
Fluid Level	FULL		
Type Fluid	WATER		
Production Casing	2 7/8" @ 850'	@	@
Max. Recorded Temp.			
Estimated Cement Top			
Calculated Cement Top			
Amount & Type Cement			
Amount & Type Admix			
Drilling Contractor	COMPANY TOOLS		
Equipment Number	107		
Location			
Recorded By	UDEN, D.		
Witnessed By	McFADDEN, L.		

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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.

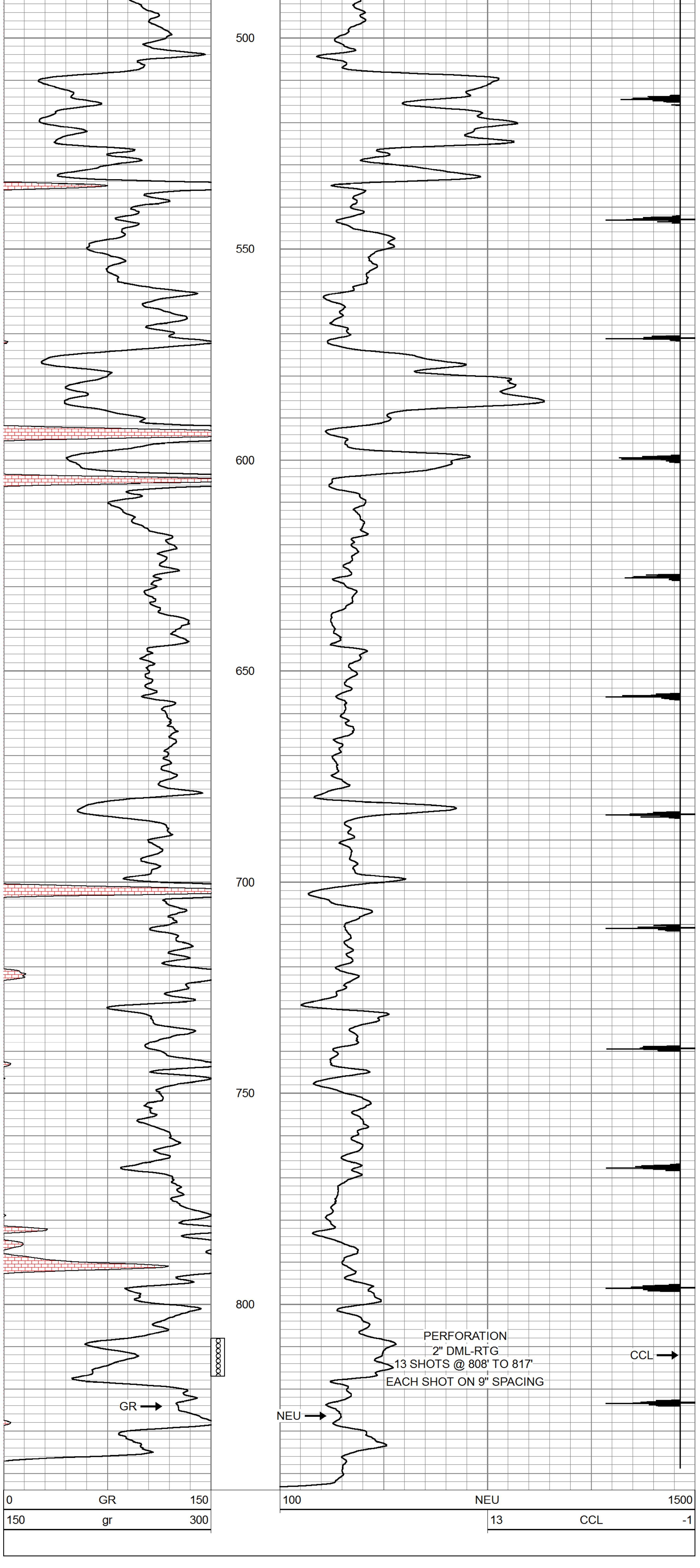
Comments

THANK YOU

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			GR-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_169 (TIT169_001) Titan 1 11/16" Neutron	4.33	1.69	20.00
NEU	0.63					

Dataset: lantz #4a.db: field/well/run1/pass1
Total Length: 10.92 ft
Total Weight: 47.50 lb
O.D. 1.69 in

Database File: p:\logs\mcfadden oil company\lantz #4a\lantz #4a.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Wed Jan 16 10:49:41 2013 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240



PERFORATION
2" DML-RTG
13 SHOTS @ 808' TO 817'
EACH SHOT ON 9" SPACING

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State	KANSAS Date 1-16-2013