



**GAMMA RAY
NEUTRON
COMPLETION LOG**

Company **TOWN OIL COMPANY, INC.**
Well **HADDOCK #4**
Field **PAOLA-RANTOUL**
County **MIAMI** State **KANSAS**

Location: **AP# : 15-121-29234-00-00**
5115 FSL & 3775 FEL
NW/4NW/4E

Permanent Datum **GL** Elevation **907'EST**
Log Measured From **GL**
Drilling Measured From **GL**

Date **12-4-12**
Run Number **1 NW**
Depth Logger **538-1'**

Top Log Interval **0**
Bottom Logged Interval **538-1'**
Fluid Level **FULL**

Production Casing **2 7/8" @ TD**
Type Fluid **WATER**

Max. Recorded Temp.
Estimated Cement Top
Calculated Cement Top
Amount & Type Cement
Drilling Contractor
Equipment Number **103**

Location **HALL, R**
Recorded By **TOWN, L.**
Witnessed By

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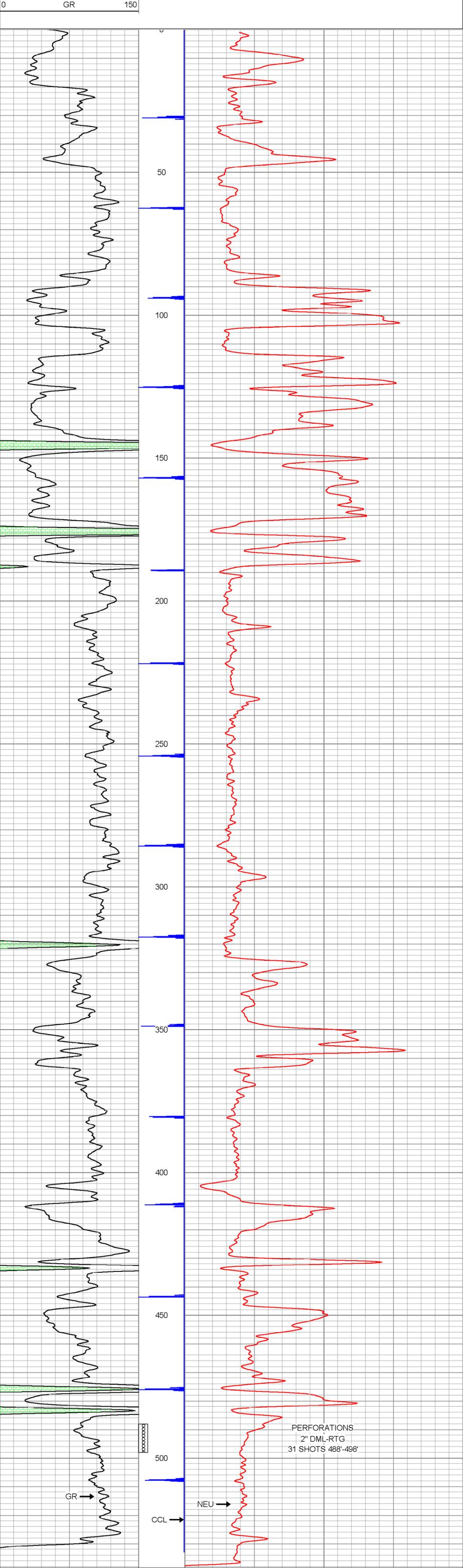
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

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: haddock #4.db; field/well/run1/pass1
Total Length: 10.92 ft
Total Weight: 52.50 lb
O.D.: 1.69 in

Database File: h:\haddock #4.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Tue Dec 04 11:29:34 2012 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240



150 gr 300 3 CCL.05 100 NEU (cps) 1700
0 GR 150



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County **MIAMI** SEC.24 TWP.18S RGE.21E
State **KANSAS** Date **12-4-12**