Company	JOHN A. ELMORE
Well	STRAN #4
Field	PERU-SEDAN
County	CHAUTAUQUA
State	KANSAS

Date	10-17-2013
Run No.	One
Depth Datum	Ground Level
Drilling Measured From	G.L.
G.L. to Casing Head	0 Ft.
Permanent Datum	G.L.
Elev. Perm. Datum	0 Ft.
Log Measured From	G.L.
Elev. K.B.	0 Ft.
Elev. D.F.	0 Ft.
Elev. G.L.	0 Ft.
Total Depth Driller	1,195
Total Depth Logger	1,195
Bottom Log Interval	1,190
Top Log Interval	300
Casing Driller	0 @ 0
Casing Logger	0
Bit Size	5 7/8"
Type Fluid in Hole	WATER
Dens. / Visc.	N/A / N/A
PH / Fluid Loss	N/A / N/A
Source of Sample	PUMPED
Rm @ Meas. Temp.	N/A @ 0
Rmf @ Meas. Temp.	N/A @ 0
Rmc @ Meas. Temp.	N/A @ 0
Source Rmf / Rmc	N/A / N/A
Rm @ BHT	N/A @ 0
Time Since Circulation	24 HRS
Time Since Stop	24 HRS
Max. Rec. Temp.	0
Equip. Location	3471 / EUREKA
Recorded By	D. LEE
Witnessed By	BRIAN

GAMMA RAY NEUTRON COMPENSATED LOG

Company	JOHN A. ELMORE
Well	STRAN #4
Field	PERU-SEDAN
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State	KANSAS

API No. 15- 019-26385
Other Services
DIL
Elevation
KB 0 Ft.
DF 0 Ft.
GL 0 Ft.

Location
SEC. 6 TWP. 34S RGE. 11E
1320 FSL & 1320 FEW

Date 10-17-2013
Run Number One
Depth Driller 1,195
Depth Logger 1,195
Bottom Log Interval 1,190
Top Log Interval 300
Casing Driller 0 @ 0
Casing Logger 0
Bit Size 5 7/8"
Type Fluid in Hole WATER
Dens. / Visc. N/A / N/A
PH / Fluid Loss N/A / N/A
Source of Sample PUMPED
Rm @ Meas. Temp. N/A @ 0
Rmf @ Meas. Temp. N/A @ 0
Rmc @ Meas. Temp. N/A @ 0
Source Rmf / Rmc N/A / N/A
Rm @ BHT N/A @ 0
Time Since Circulation 24 HRS
Time Since Stop 24 HRS
Max. Rec. Temp. 0
Equip. Location 3471 / EUREKA
Recorded By D. LEE
Witnessed By BRIAN

CASING 0 @ 0
TUBING 0 @ 0

(1) 2 (Full Depth) (1)

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 interpretations, and we shall not 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 forth in our current Price Schedule.

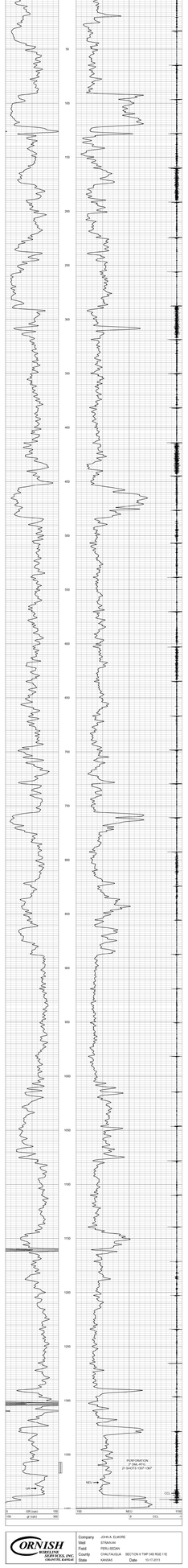
Comments

THANK YOU

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	7.17		GR-TITAN, 169-31 (0377GR4) Tiber / 11/16" Gamma Ray	3.92	1.69	17.99
CCL	5.05		CCL-TITAN, 169-(TITT169) Tiber / 11/16" Coupling (CC)	1.83	1.69	7.50
NEU	0.83		NEU-TITAN, 169-(TITT169_0011) Tiber / 11/16" Neutron	4.33	1.69	20.00

Dataset: strain #4 db: fieldrawthurl1cpass1
Total Length: 9.95 ft
Total Weight: 45.49 lb
O.D: 1.69 in

Database File: a:\strain #4.db
Dataset Pathname: pass1
Presentation Format: gr-ccl-neu
Dataset Creation: Thu Oct 17 11:30:51 2013 by Log Net Cassette 07122
Charted by: Depth in Feet scaled 1:240



Company	JOHN A. ELMORE
Well	STRAN #4
Field	PERU-SEDAN
County	CHAUTAUQUA SECTION 6 TWP 34S RGE 11E
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Date	10-17-2013