Company	G & J OIL COMPANY, INC.
Well	MEADOWS #13-17
Field	WAYSIDE-HAVANA
County	MONTGOMERY
State	KANSAS
Date	10-17-12
Location	SEC 17 TWP 34S RGE 14E
Elevation	KB 0 DF 0 GL 0
Log Measured From	KB 0 Above Perm. Datum
Drilling Measured From	KB
Date 1	10-17-12
Run No. 1	ONE
Depth Driller	1200
Depth Logger	1200
Bottom Log Interval	1196
Top Log Interval	0
Casing Driller	8.625 @ 0
Casing Logger	
Bit Size	7.875
Type Fluid in Hole	GEL CHEM
Density / Viscosity	9.0 / 50
pH / Fluid Loss	10.0 / 6.0
Source of Sample	FLOWLINE
Rm @ Meas. Temp.	.08 @ 75
Rmf @ Meas. Temp.	.06 @ 75
Rmc @ Meas. Temp.	.11 @ 75
Source Rmf / Rmc	MEASURED / CALCULATED
Rm @ BHT	.05 @ 100
Time Since Circulation	9 HRS
Time Since Stop Circ.	1 HR
Max. Rec. Temp.	100
Equipment / Location	34 / HAYS
Recorded By	J. WILLIAMS
Witnessed By	MR. BOB GREENWOOD

ORNISH
GEOPHYSICAL
INTERPRETATION
Well Site Services

GAMMA RAY CEMENT BOND COMPLETION LOG

G & J OIL COMPANY, INC.
MEADOWS #13-17
WAYSIDE-HAVANA
MONTGOMERY COUNTY, KANSAS

Comments

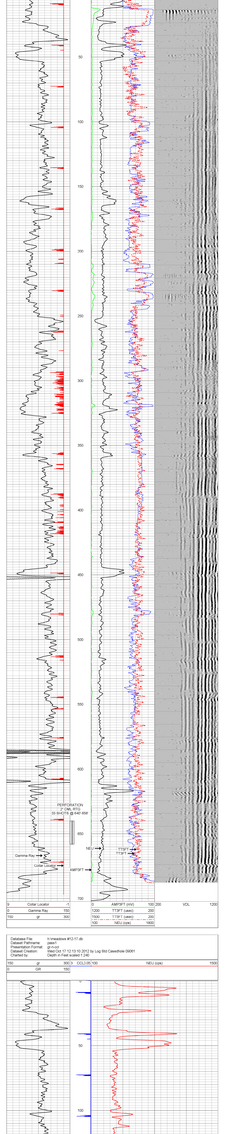
THANK YOU

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 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.

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
TEMP	17.42					
WVFSPT	15.33		GBLTEMX2(1169.1)Z w/ Temp (Dist) (STD) Tiles:1H0.5Ga:1 1H1HF Gas Resistant with Temp	9.75	1.69	50.00
WVFCAL	15.33					
WVFSPT	14.33					
WVFTEMP	10.92					
WVFSYNC	10.92					
GR	7.59		GR:TITAN(.1MA:2TITAN_SPI) Tiles:1 1H1HF Gamma Ray	4.75	1.69	20.00
CCL	5.05		CCL:TITAN(.1MA:2TITAN) Tiles:1 1H1HF Digital CCL	1.63	1.69	7.50
NEU	0.63		NEU:TITAN(:5TITAN1) TITAN:1 1H1HF Neutron	4.33	1.69	25.00

Sensor: Integrated #13-17 db: fieldtest8run1pass1
Total Length: 23.67 ft
Total Weight: 153.00 lb
Tool Zero: 1.00 ft

Database File: h:\ornishdata\#13-17.db
Dataset Pathname: pass1
Dataset Creation: Wed Oct 17 13:10:30 2012 by Log Bird Cased-hole GWR1
Charted by: Depth in Feet scaled 1:240



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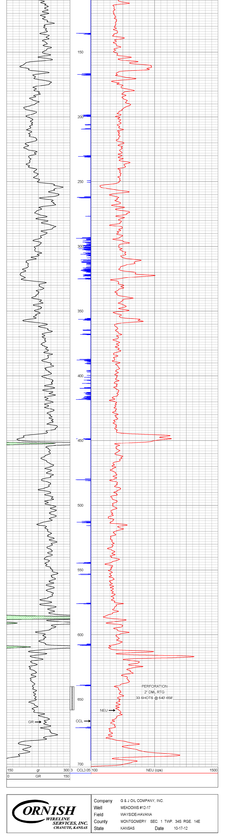

ORNISH
GEOPHYSICAL
INTERPRETATION
WELL SITE SERVICES
CHANUTE, KANSAS

Company	G & J OIL COMPANY, INC
Well	MEADOWS #13-17
Field	WAYSIDE-HAVANA
County	MONTGOMERY SEC 17 TWP 34S RGE 14E
State	KANSAS Date 10-17-12