

ENSATED DENSITY
NEUTRON

		LOG	
Company Werth Exploration Trust Well Walz-Stat #1 Field Trico County Graham		State Kansas	
Location:		API #: 15 065 23785	
SEC 36 T14P 10S RGE 21W Permanent Datum Log Measured From Drilling Measured From 12-19-11		783 FSL & 4950' FEL Ground Level K 6.0 ASL Elevation 2091' Elevation K.B. 2097 D.F. 2096 G.L. 2091	
Other Services DTL MLC BCS			
Sopped Bottom Cased Temperature ber		4.0 @ 326ft 5.0 @ 343 6.4 @ 355ft Calculated 2.35 @ 1212ft 8.30 p.m. 11.00 p.m. 112 1045 L. Smith	
M.M. Roger Mosses			
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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 of any interpretation, and we shall not, except in the case of gross or willful negligence, be in any part liable or responsible for any loss, costs, expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are subject to our general terms and conditions set out in our current Price Schedule.			
Comments			

The figure displays two side-by-side plots of well logs. The left plot shows GR (GAPI), DCAL (in), BOREID (in), and TBHV (ft3) against depth. The right plot shows NPOR (pu), DPOR (pu), and ABHV (ft3) against depth. Both plots have depth markers at 3550, 3600, and 3650. Below the plots are summary tables for various parameters.

0	GR (GAPI)	150
6	DCAL (in)	16
6	BOREID (in)	16
TBHV (ft3)		

30	NPOR (pu)	-10
30	DPOR (pu)	-10
70	DPOR (pu)	30

-0.25	RHOC (g/cc)	0.25
8000	LTEN (lb)	0
ABHV (ft3)		

Surface Calibration							
Readings				References		Results	
Loop	Air	Loop	Air	Loop		m	h

Medium	0.005	0.739	V	0.000	400.000	mmho/m	544.703	-2.736
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.002	0.639	V	0.000	350.000	mmho/m	549.404	-1.046
Medium	0.005	0.740	V	0.000	550.000	mmho/m	747.594	-3.573

Downhole Calibration								
Readings				References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	-0.345	349.695	mmho/m	-0.034	349.806	mmho/m	0.999	0.312
Medium	-0.369	400.389	mmho/m	-0.133	400.602	mmho/m	1.000	0.236
Shallow	2.474	0.009	V	500.000	2.000	Ohm-m	180.022	0.263

After Survey Verification								
Readings				Targets			Results	
Internal:	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.345	349.695	mmho/m	0.999	0.312
Medium	0.000	0.000	mmho/m	-0.369	400.389	mmho/m	1.000	0.236
Shallow	0.000	0.000	Ohm-m	500.000	2.000	Ohm-m	1.000	0.000

Compensated Density Calibration Report	
Serial-Model:	2388DHT-DHT
Source / Verifier:	/
Master Calibration Performed:	Wed Nov 30 13:35:48 2011
Before Survey Verification Performed:	
After Survey Verification Performed:	

Master Calibration				
	Density		Far Detector	Near Detector
Magnesium	1.750	g/cc	688.93	303.28 cps
Aluminum	2.670	g/cc	128.53	194.02 cps
Spine Angle = 75.10			Density/Spine Ratio = 0.530	
	Size		Reading	
Small Ring	8.15	in	5771.32	
Large Ring	14.00	in	10165.20	
Before Survey Verification				
	Target		Measured	

	Target	Measured
	g/cc	g/cc
	g/cc	g/cc
	g/cc	g/cc
After Survey Verification		
	Target	Measured
	g/cc	g/cc
	g/cc	g/cc
	g/cc	g/cc
Gamma Ray Calibration Report		
Serial Number:	2000	

Serial Number:	5108
Tool Model:	PROBE
Performed:	Wed Nov 30 13:40:27 2011

Calibrator Value:		1	NAPI			
Calibrator Reading:		1	cps			
Sensitivity:		1	NAPI/cps			

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
NEU	37.96		None	0.75	1.50	5.00
			NEU-PROBE (5108) Probe	4.92	3.63	85.00
GR	32.57		GR-P2000 (2000)	3.67	3.25	40.00

LSD	23.78		CDL-DHT (2388DHT) Digital High Temp CDL Tool	9.69	4.00	201.00
DCAL	23.49					
SSD	23.24					
HEADVOLT	21.47					
CILD	10.60		DIL-G (5375) Gearbit	21.47	4.00	345.00

SP	10.60						
CILM	6.89						
RLL3	1.70						
Dataset: wtvalzstar#1oh.db: field/well/run1/pass1.1 Total Length: 40.49 ft Total Weight: 676.00 lb O.D. 4.00 in							