



# COMPENSATED DENSITY SIDEWALL NEUTRON LOG

Company	LONG & WARE OIL
Well	PETERSON A # 1&W 201
Field	WAYSIDE - HAVANA
County	MONTGOMERY
State	KANSAS
Location:	SEC 7 TWP 34S RGE 14E 3645 FSL & 2340' FEL
APF #:	15-125-3284-000
Other Services	DIL
Permanent Datum	GL
Log Measurement From	GL
Dilling Measured From	GL
Date	7-12-2013
Run Number	ONE
Depth (ft)	787
Depth (m)	240
Top of Interval	787
Bottom of Interval	787
Caseing Driller	8.58" @ 20'
Caseing Logger	8.58" @ 20'
Bit Size	6.34"
Type Fluid in Hole	OREM-GEL
Density / Viscosity	
Source of Sample	
Run @ Mass Temp	
Run @ Mass Temp	
Source of Run / Run	
Run @ Bit Length Shaped	
Time Correction Error	
Maximum Recorded Temperature	
Equipment Number	OW2
Location	HOWNEY OK
Recorded By	LOWERY
Witnessed By	MR LONG
	MR WARE

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All interpretations are opinions based on 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.

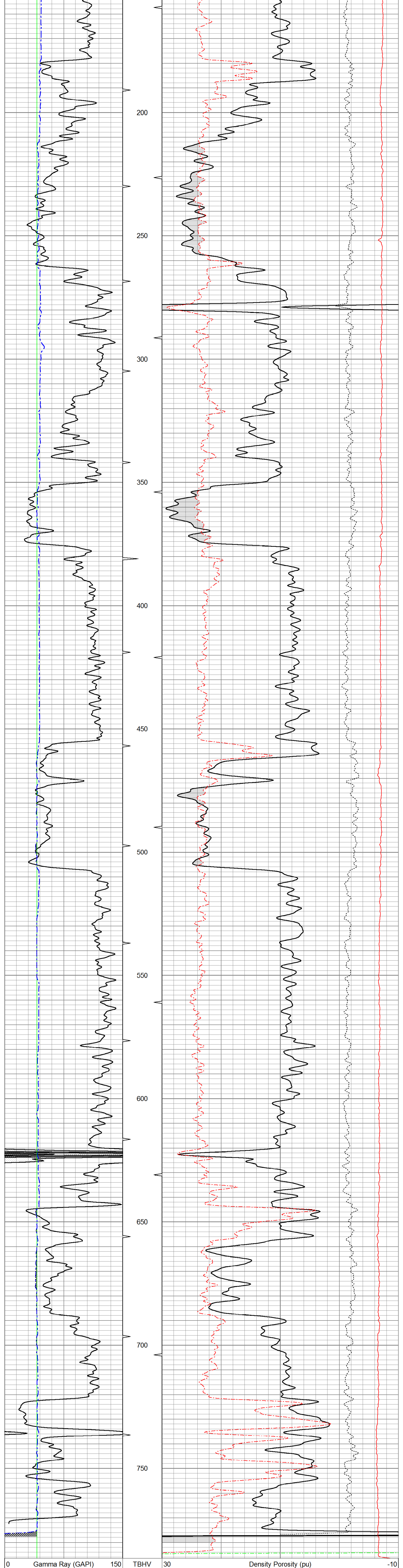
Comments

OW2-8409  
MATRIX LIMESTONE 2.71 G/CC  
ABHV COMPUTED WITH 4 1/2" CASING

CREW : KIDD

## 5" CDL/SWN SECTION

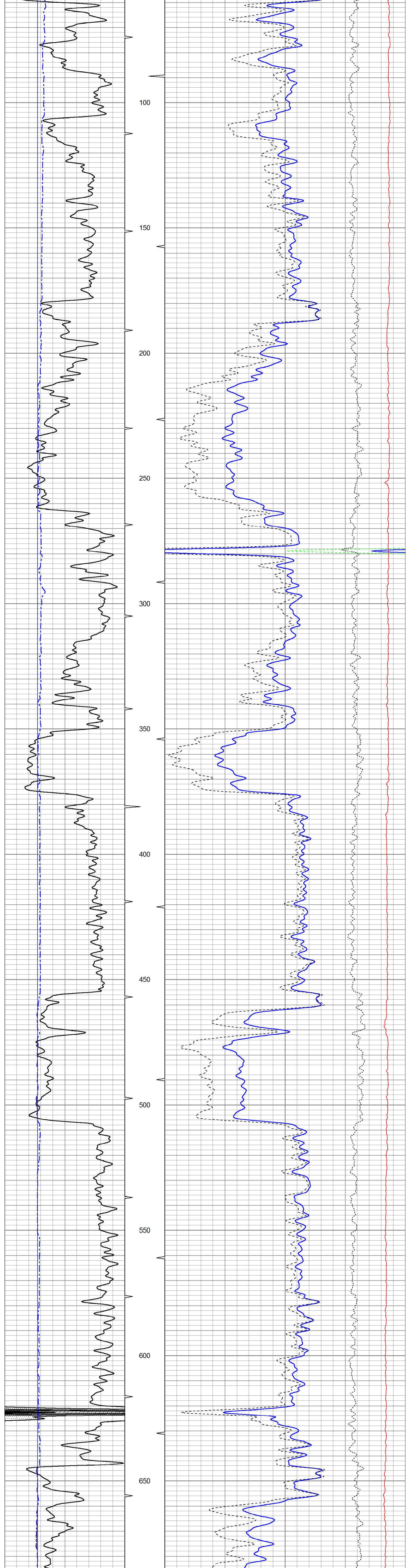
Database File:	ow2-8408 john & long db
Dataset Pathname:	CDL/pass1.3
Presentation Format:	neu4nnc
Dataset Creation:	Fri Jul 12 20:46:22 2013 by Calc SOC 120430
Charted by:	Depth in Feet scaled 1.240



0	Gamma Ray (GAPI)	150	TBHV	30	Density Porosity (pu)	-10
4	Bit size (in)	14	ABHV	30	Neutron Porosity (pu)	-10
4	Density Caliper (in)	14			-0.5 Correction (g/cc)	0.5
					5000 Line Tension (lb)	0

## 5" CDL SECTION

Database File:	ow2-8408 john & long db
Dataset Pathname:	CDL/pass1.2
Presentation Format:	bulk4nnc
Dataset Creation:	Fri Jul 12 20:46:15 2013 by Calc SOC 120430
Charted by:	Depth in Feet scaled 1.240



0	Gamma Ray (GAPI)	150	TBHV	2	Bulk Density (g/cc)	3
4	Bit size (in)	14	ABHV	30	Density porosity (pu)	-10
4	Density Caliper (in)	14			-0.5 Correction (g/cc)	0.5
					5000 Line Tension (lb)	0

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
GR	16.06		Cable-Head Isolation Sub	1.42	3.00	20.00
			Gamma-Oilex3006 (3006) Gamma Ray Section	2.81	3.50	75.00
LSD	10.44		Density-Oilex3006 (280) Density Section	6.29	4.00	200.00
DCAL	10.15					
SSD	9.98					
SCAL	2.54		Neutron-Sidewall3015 (3015) Sidewall Neutron Section	7.81	4.00	150.00
NEU	2.15					
SWN	2.15					

Dataset: ow2-8408 john & long db: field/well/CDL/pass1  
 Total Length: 18.33 ft  
 Total Weight: 445.00 lb  
 O.D. 4.00 in