



Dual Compensated
Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-065-23,600-00-00

Company H & C Oil Operating, Inc.
Well Walters No.32-1
Field Wildcat
County Graham
State Kansas

Location 1650' FSL & 660' FEL

Sec: 32 Twp: 6S Rge: 23W

Other Services
DIL
MEL/BHCS

Permanent Datum Ground Level Elevation 2476
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2481
D.F. 2476
G.L. 2476

Date 12/12/2009

Run Number One

Type Log CNL / CDL

Depth Driller 3972

Depth Logger 3975

Bottom Logged Interval 3954

Top Logged Interval 3400

Type Fluid In Hole Chemical

Salinity, PPM CL 1,800

Density 9.4

Level Full

Max. Rec. Temp. F 118

Operating Rig Time 4 Hours

Equipment -- Location 17 Hays

Recorded By C. Desaire

Witnessed By Marc Downing

Run No	Bit	Borehole Record		Casing Record	
		From	To	From	To
1	12.25	00	294	8.625	24#
2	7.875	294	3972		

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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

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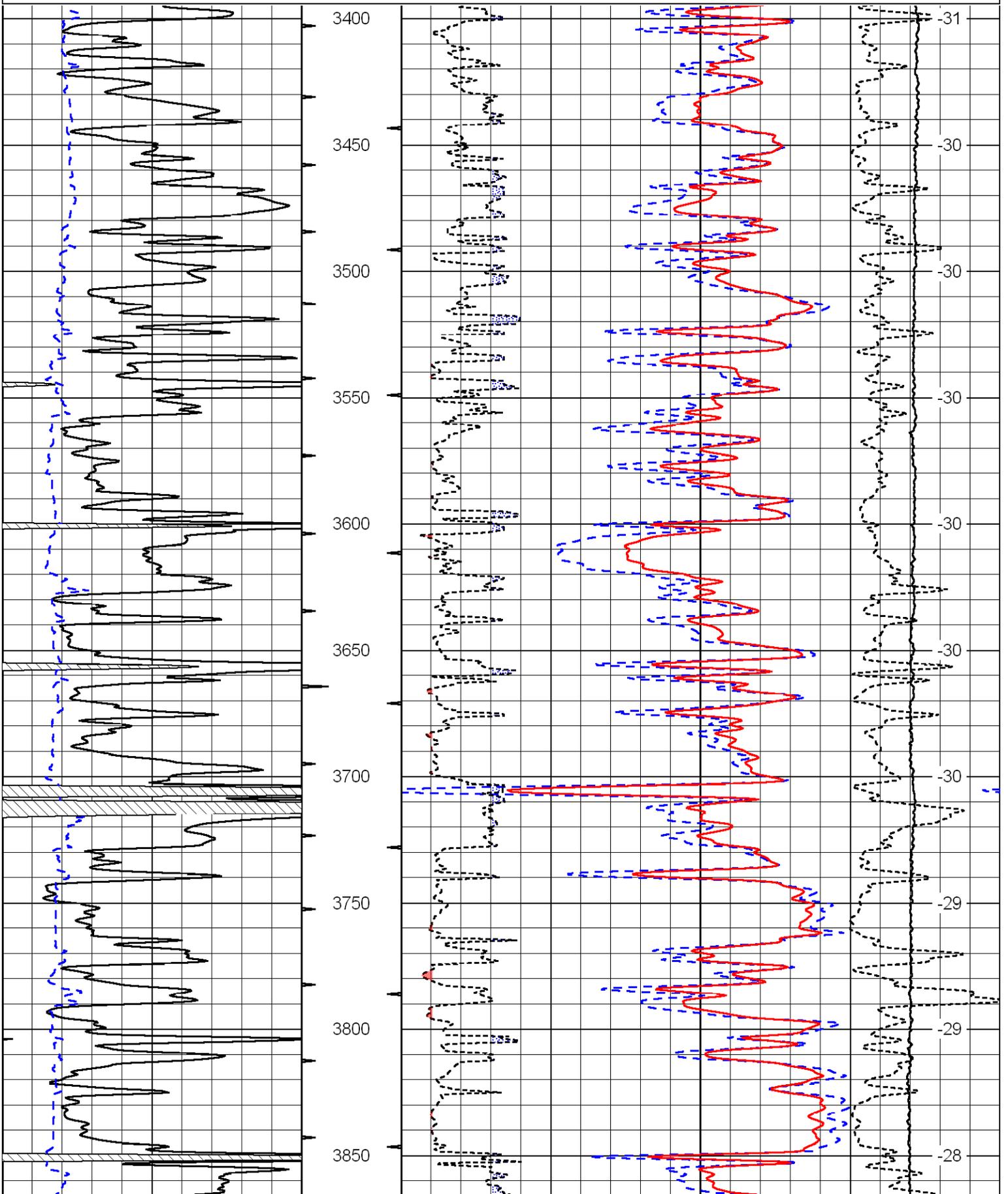
Hill City, 8 N to Y Rd,
3 1/4 W, N Into

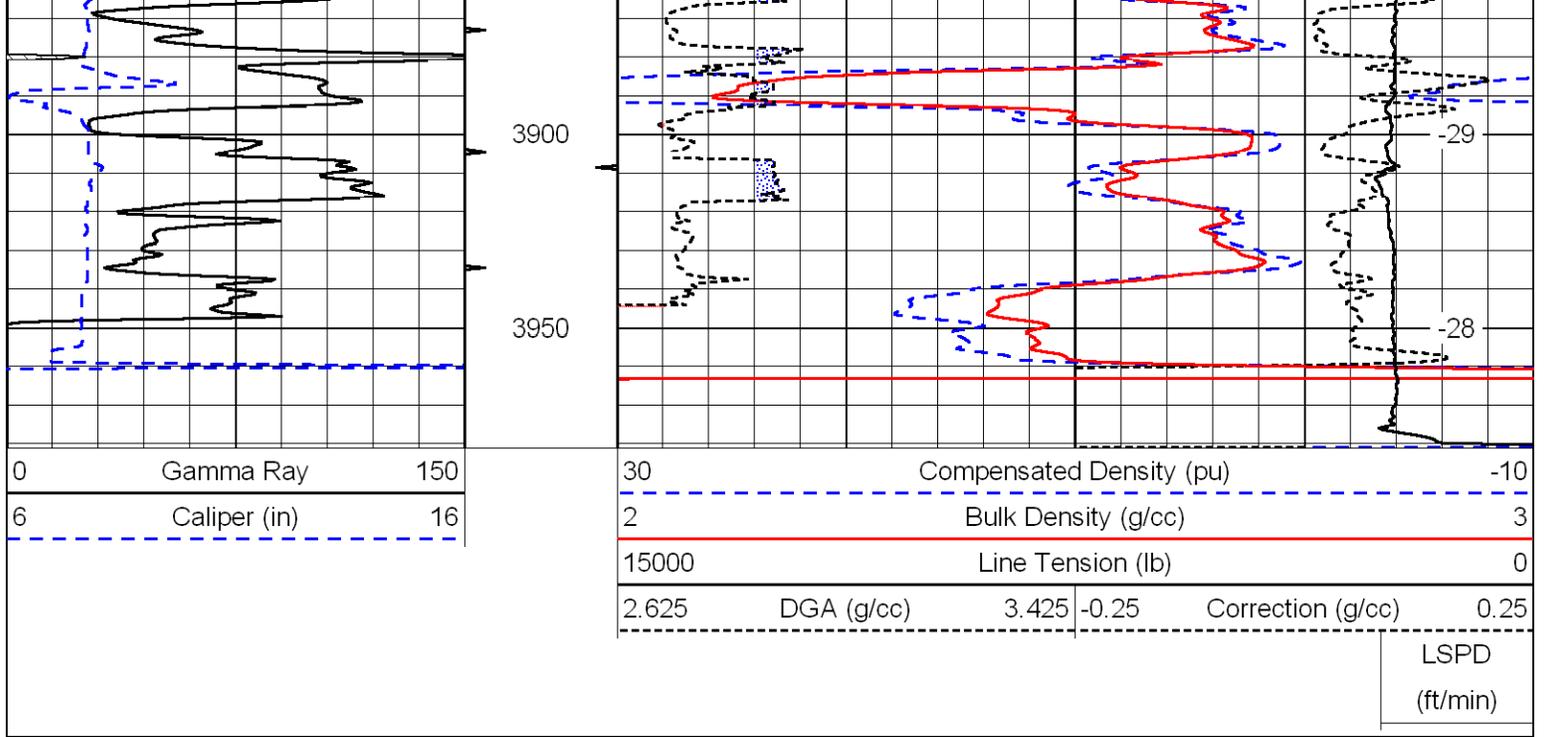
Database File: c:\warrior\data\h&c_walters#32-1\h&coilhd.db
Dataset Pathname: dil/hcstk
Presentation Format: cdl
Dataset Creation: Sat Dec 12 16:08:31 2009
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (in)	16

30	Compensated Density (pu)			-10	
2	Bulk Density (g/cc)			3	
15000	Line Tension (lb)			0	
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc)	0.25

LSPD
(ft/min)





Database File: c:\warrior\data\h&c_walters#32-1\h&coilhd.db
 Dataset Pathname: dil/hcstk
 Presentation Format: cndlspec
 Dataset Creation: Sat Dec 12 16:08:31 2009
 Charted by: Depth in Feet scaled 1:240

