



# Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-065-23,551-00-00

Company **H&C Oil Operating, Inc.**  
 Well **Tien No. 28 - 1**  
 Field **Wildcat**  
 County **Graham** State **Kansas**

Location **NW - SW - SE - SW  
610' FSL & 1550' FWL**

Sec: **28** Twp: **6 S** Rge: **23 W**

Other Services  
DIL  
MEL/BHCS

Permanent Datum **Ground Level** Elevation **2453**  
 Log Measured From **Kelly Bushing** 5 Ft. Above Perm. Datum  
 Drilling Measured From **Kelly Bushing**

K.B. 2458  
 D.F. G.L. 2453

Date **7/7/2009**

Run Number **One**

Type Log **CNL / CDL**

Depth Driller **3963**

Depth Logger **3966**

Bottom Logged Interval **3945**

Top Logged Interval **3350**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **1,300**

Density **9.1**

Level **Full**

Max. Rec. Temp. F **116**

Operating Rig Time **4-1/2 Hours**

Equipment -- Location **15 Hays**

Recorded By **B. Becker**

Witnessed By **Clayton Ericson**

Run No	Bit	Borehole Record		Casing Record	
		From	To	From	To
1	12.25	00	258	8.625	24#
2	7.875	258	3963		

<<< Fold Here >>>

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

Thank you for using Log-Tech, Inc.  
(785) 625-3858

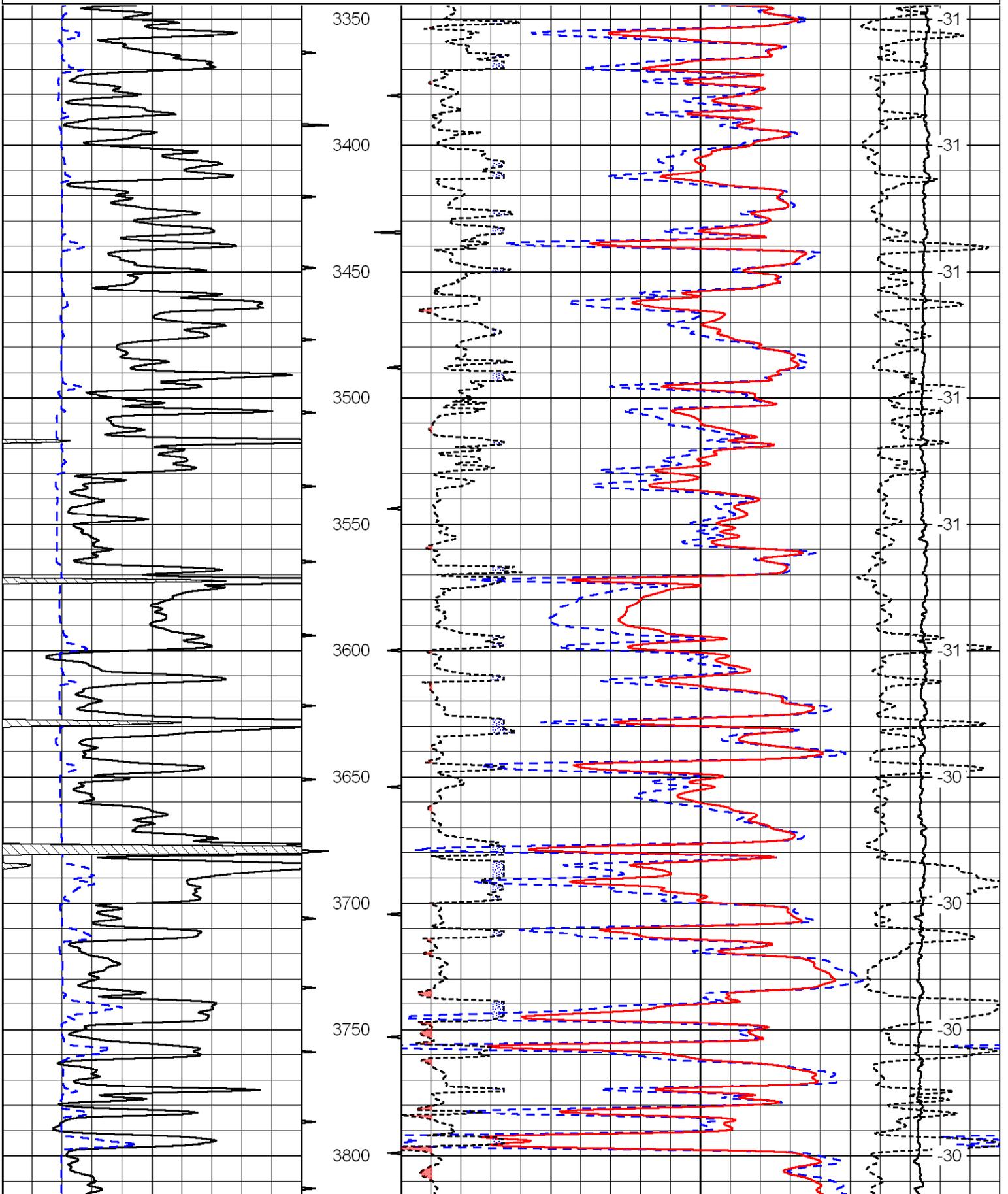
Hill City, Ks; North to Y Rd; West to 230th Rd;  
1 North to Z Rd; 1-1/2 East to location

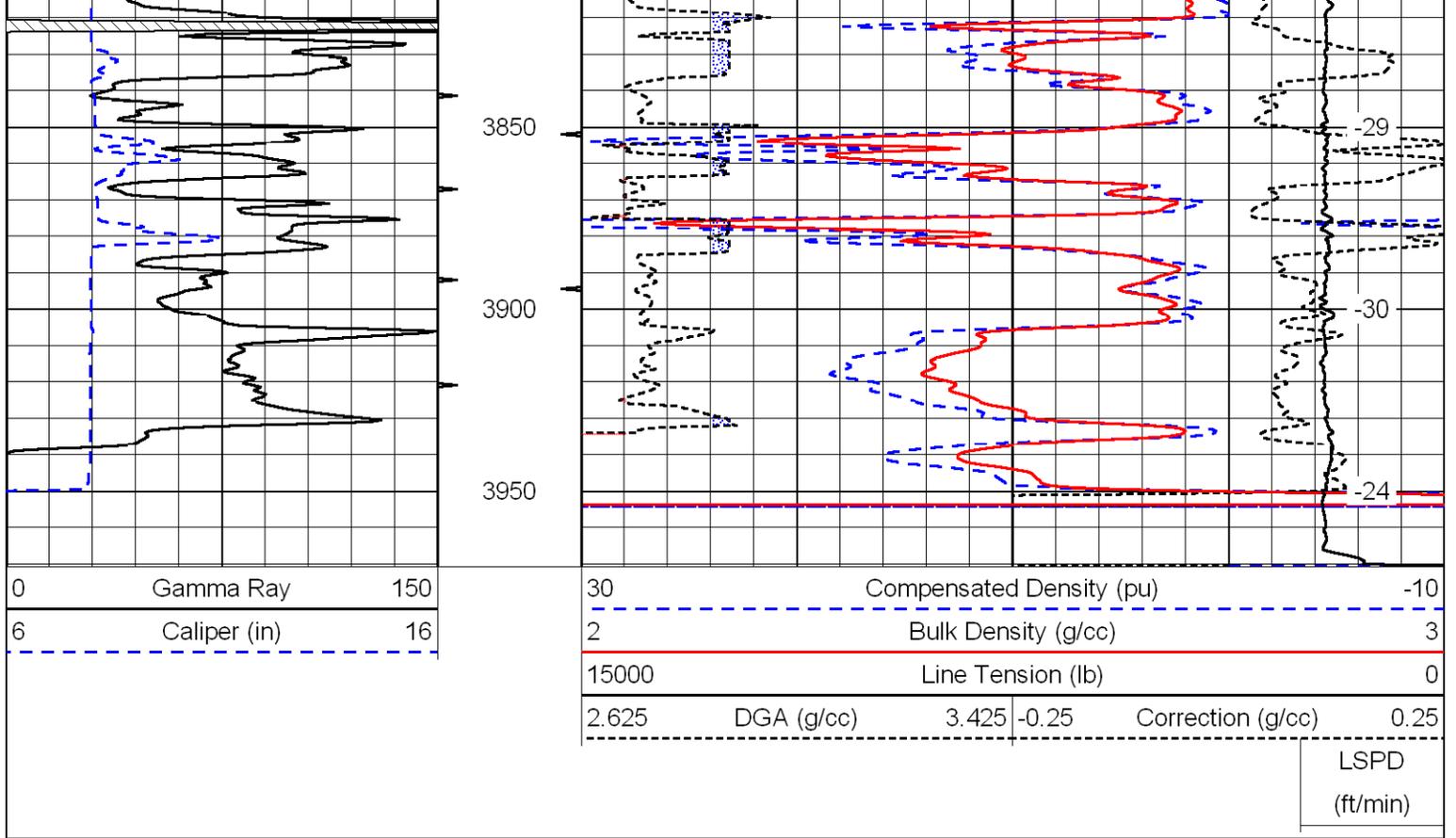
Database File: c:\warrior\data\h&c\_tien no. 28 - 1\h&chd.db  
 Dataset Pathname: DIL/stack  
 Presentation Format: cdl  
 Dataset Creation: Tue Jul 07 16:49:08 2009  
 Charted by: Depth in Feet scaled 1:600

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\_tien no. 28 - 1\h&chd.db  
 Dataset Pathname: DIL/stack  
 Presentation Format: cndlspec  
 Dataset Creation: Tue Jul 07 16:49:08 2009  
 Charted by: Depth in Feet scaled 1:240

