



Pioneer Energy Services

Dual Compensated Porosity Log

API No.	15-065-24,094-00-00		
Company	H&C Oil Operating, Inc.		
Well	Berland Trust No.35-1		
Field	Wildcat		
County	Graham	State	Kansas
Location	1900' FNL & 1200' FEL		
Sec: 35	Twp: 8S	Rge: 21W	Other Services DIL/MEL
Permanent Datum	Ground Level	Elevation 2122	Elevation
Log Measured From	Kelly Bushing	7 Ft. Above Perm. Datum	K.B. 2129
Drilling Measured From	Kelly Bushing		D.F. G.I.L. 2122

Date	1/15/2015						
Run Number	One						
Type Log	CNL / CDL						
Depth Driller	3815						
Depth Logger	3813						
Bottom Logged Interval	3792						
Top Logged Interval	3000						
Type Fluid In Hole	Chemical						
Salinity, PPM CL	1,600						
Density	9.3						
Level	Full						
Max. Rec. Temp. F	111						
Operating Rig Time	3 1/2 Hours						
Equipment -- Location	51	Hays					
Recorded By	C. Desaire						
Witnessed By	Marc Downing						
Borehole Record							
Run No	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	219	8.625	23#	00	219
Two	7.875	219					
Casing Record							

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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

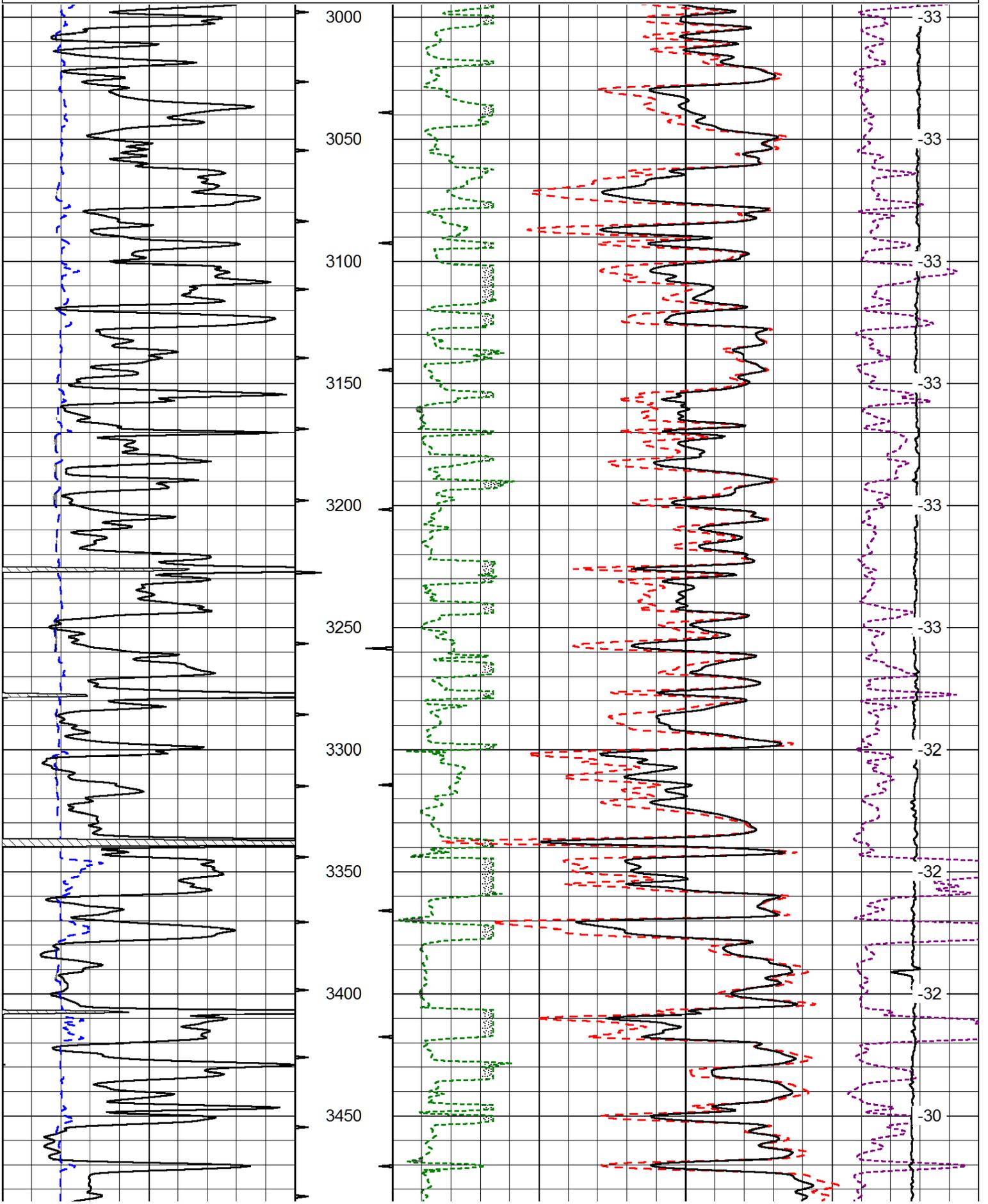
Thank you for using Log-Tech, Inc.
(785) 625-3858

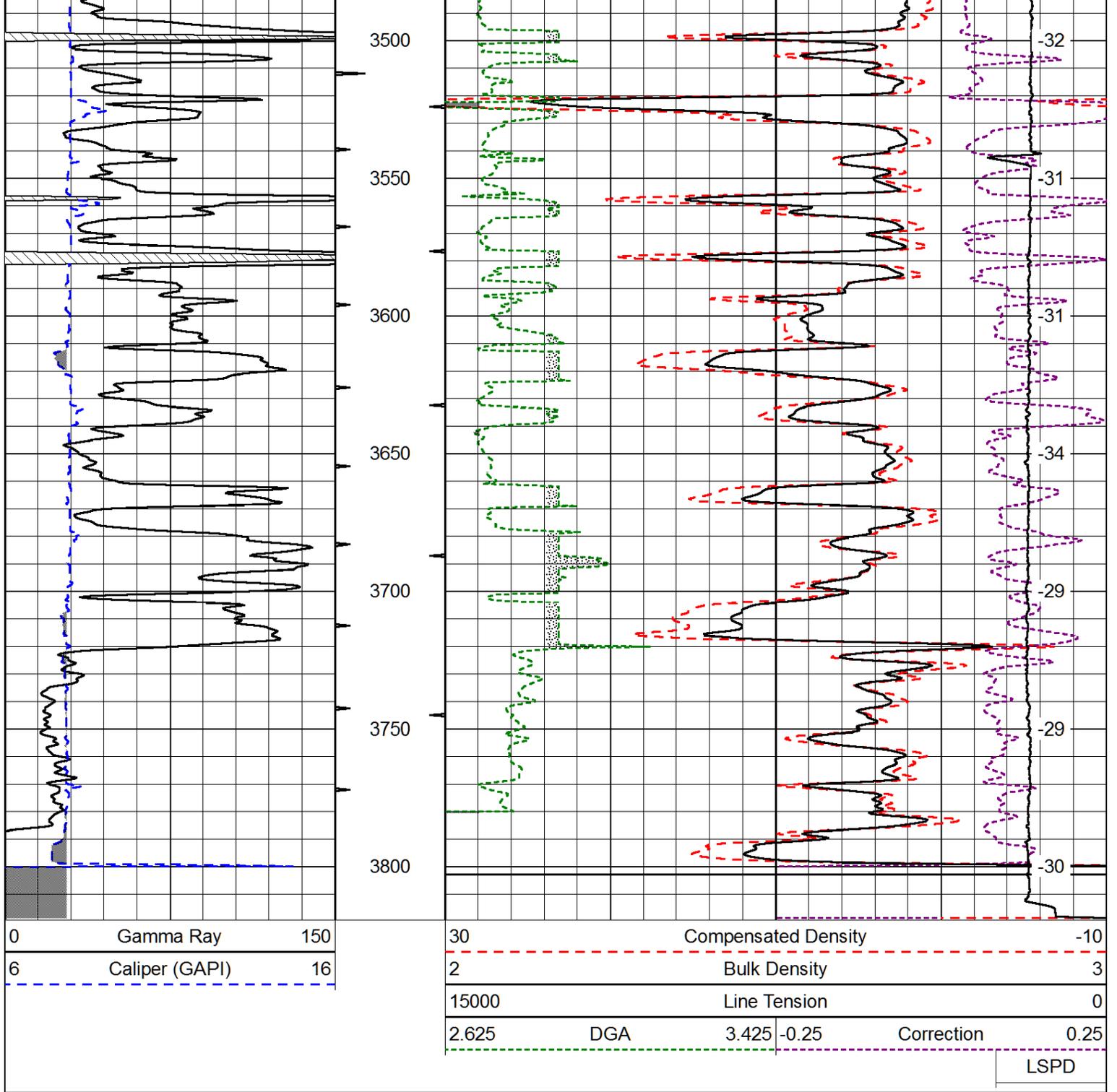
Damar KS, W on K18 to 390 Ave,
1 S, 100' W, S Into

Database File: hchd.db
 Dataset Pathname: dil/hcstk
 Presentation Format: cdl
 Dataset Creation: Thu Jan 15 01:34:33 2015
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
			Correction
			0.25
LSPD			





Database File: hchd.db
 Dataset Pathname: dil/hcstk
 Presentation Format: cndlspec
 Dataset Creation: Thu Jan 15 01:34:33 2015
 Charted by: Depth in Feet scaled 1:240

