



Dual Compensated
Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-109-20,932-00-00

Company Shakespeare Oil Company, Inc.
Well Otley No. 3-14
Field
County Logan State Kansas

Location 1,180' FNL & 2,230' FEL

Sec: 14 Twp: 14S Rge: 32W

Other Services
DIL
MEI/BHCS

Permanent Datum Ground Level Elevation 2814
Log Measured From Kelly Bushing 5 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2819
D.F.
G.L. 2814

Date 7/30/2010

Run Number One

Type Log CNL / CDL

Depth Driller 4499

Depth Logger 4492

Bottom Logged Interval 4471

Top Logged Interval 3500

Type Fluid In Hole Chemical

Salinity, PPM CL 4400

Density 9.0

Level Full

Max. Rec. Temp. F 121

Operating Rig Time 4 Hours

Equipment -- Location 10 Days

Recorded By J. Long

Witnessed By Tim Priest

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	218	8.625	24#	00	218
2	7.875	218	4499				

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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

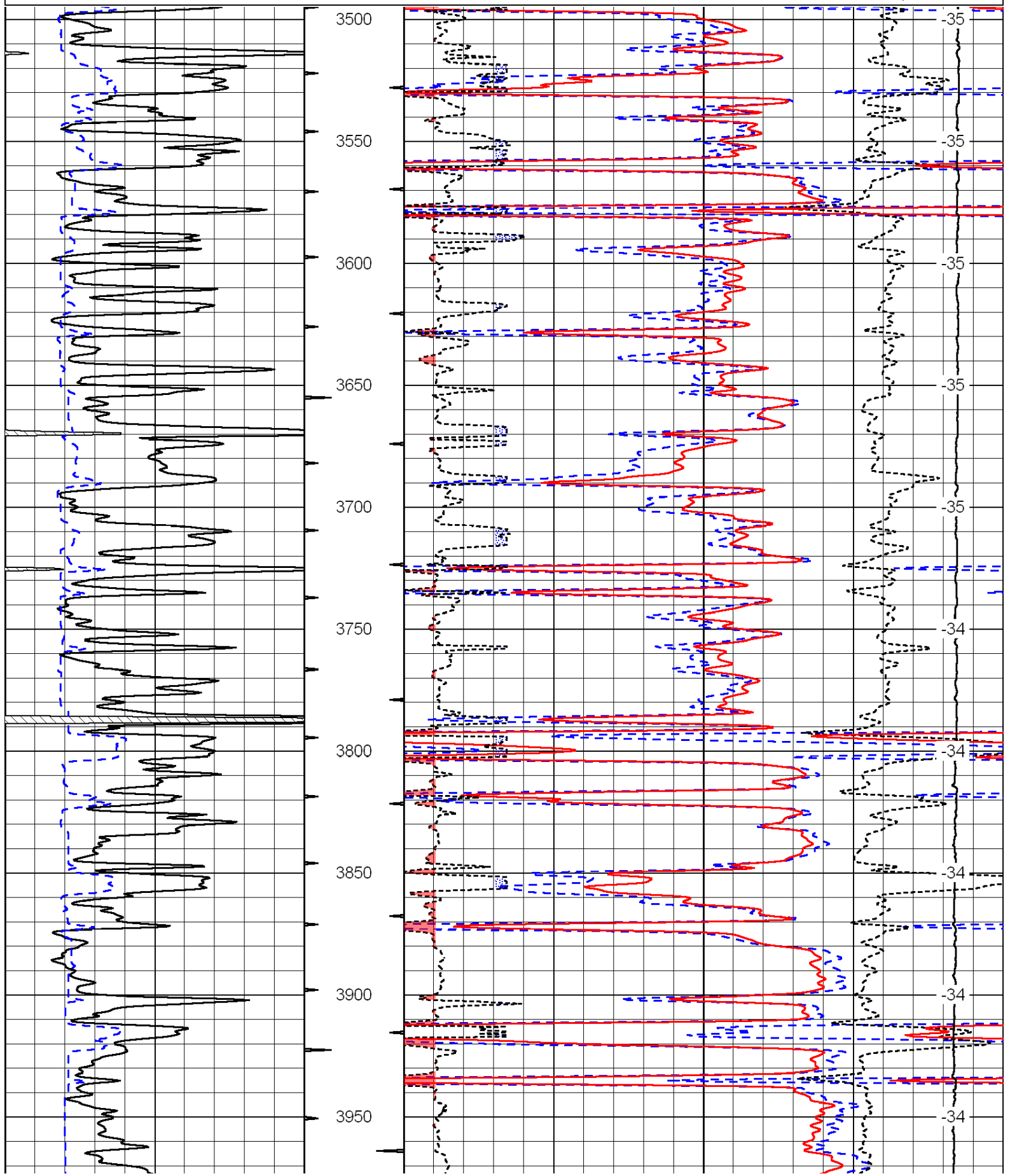
Thank you for using Log-Tech, Inc.
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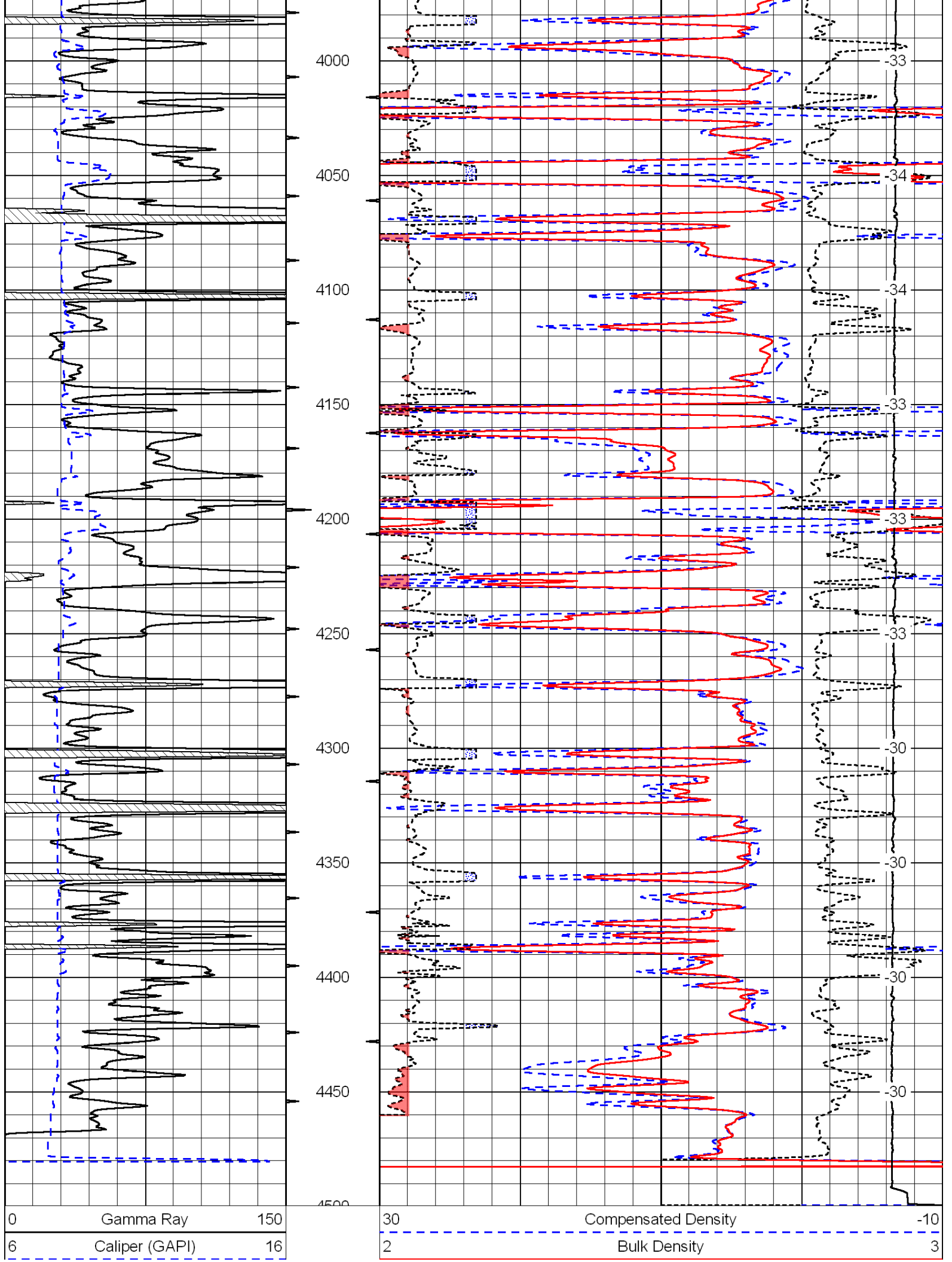
Oakley, South to Monument Rock Sign, 1 East, 1 North, West and South Into

Database File: c:\warrior\data\shakespeare_otley no. 3-14\shakehd.db
 Dataset Pathname: dil/shkpstck
 Presentation Format: cdl
 Dataset Creation: Sat Jul 31 00:50:36 2010
 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			





15000	Line Tension			0
2.625	DGA	3.425	-0.25	Correction 0.25
				LSPD

Database File: c:\warrior\data\shakespeare_ottley no. 3-14\shakehd.db
 Dataset Pathname: dil/shkpstck
 Presentation Format: cndlspec
 Dataset Creation: Sat Jul 31 00:50:36 2010
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	30	Compensated Neutron (Limestone)			-10
6	Caliper (GAPI)	16	30	Compensated Density (2.71 ma)			-10
			2.625	DGA	3.425	-0.25	Correction 0.25
			15000	Line Tension			0
							LSPD

