



Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-135-25545-00-00

Company Trans Pacific Oil Corporation
Well Schaben "B" Unit #2-12
Field Schaben Pool
County Ness
State Kansas

Location 220' FSL / 1170' FWL

Sec: 12 Twp: 20S Rge: 22W

Other Services
DIL

Permanent Datum Ground Level Elevation 2252
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 2261
D.F. 2252
G.L. 2252

Date 3/18/2013

Run Number One

Type Log CNL / CDL

Depth Driller 4491

Depth Logger 4489

Bottom Logged Interval 4468

Top Logged Interval 3500

Type Fluid In Hole Chemical

Salinity, PPM CL 2000

Density 9.2

Level Full

Max. Rec. Temp. F 121

Operating Rig Time 3 Hours

Equipment -- Location 17 Days

Recorded By R. Barnhart

Witnessed By Frank Mize

Borehole Record

Casing Record

Run No. Bit From To Size Wgt. From To

One 12.25 00 224 8.625 23# 00 224

Two 7.875 224 TD

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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

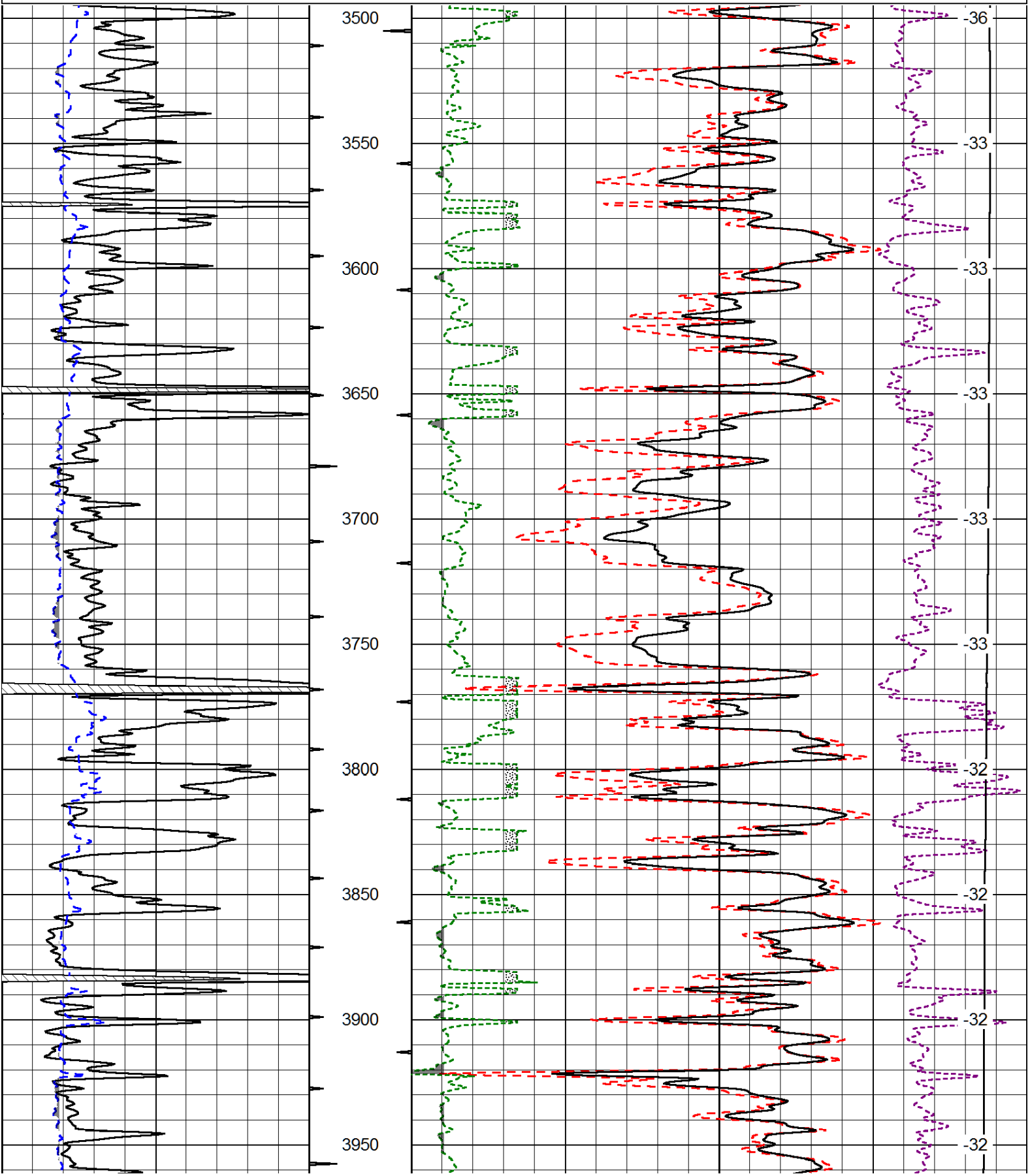
Thank you for using Log-Tech, Inc.
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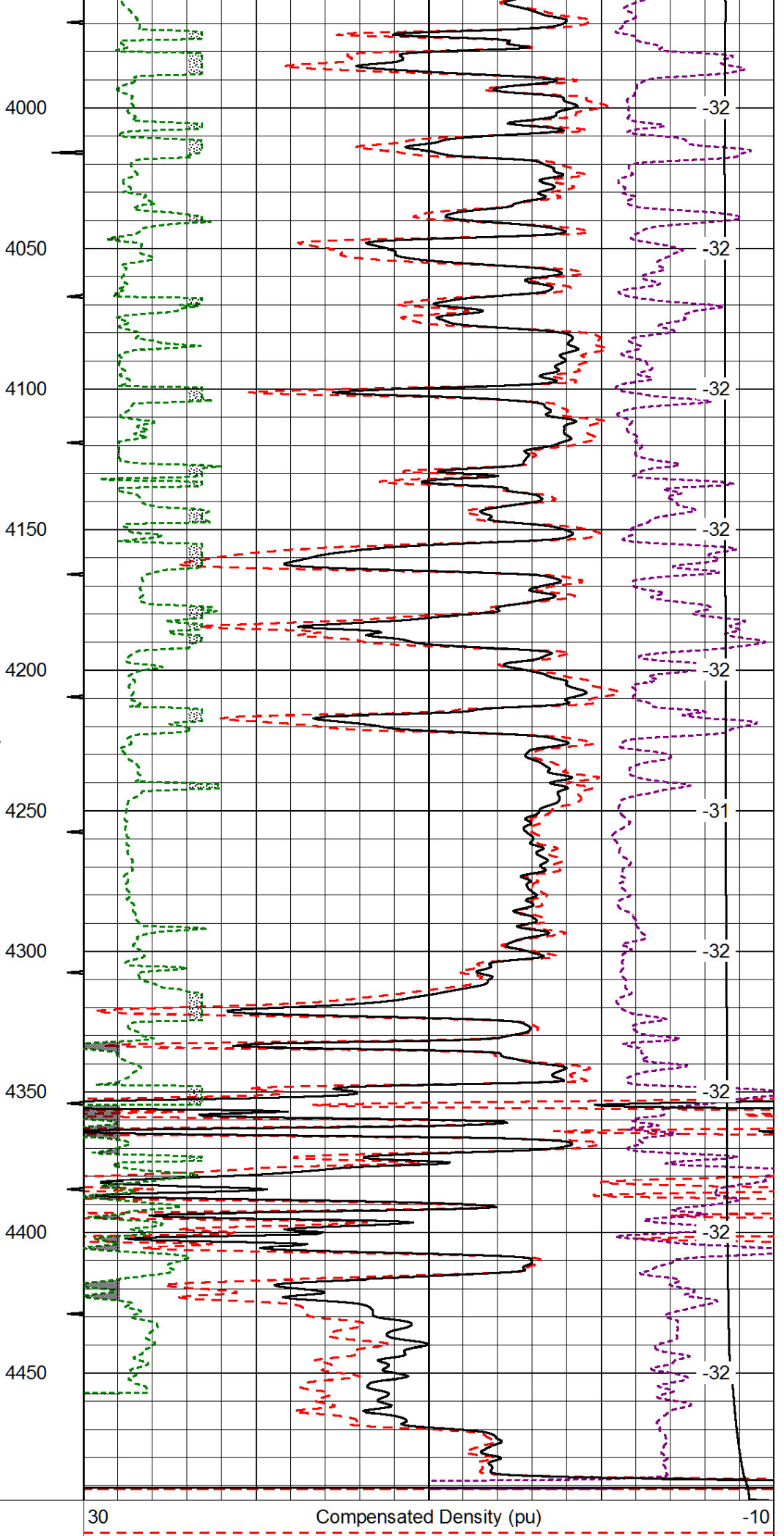
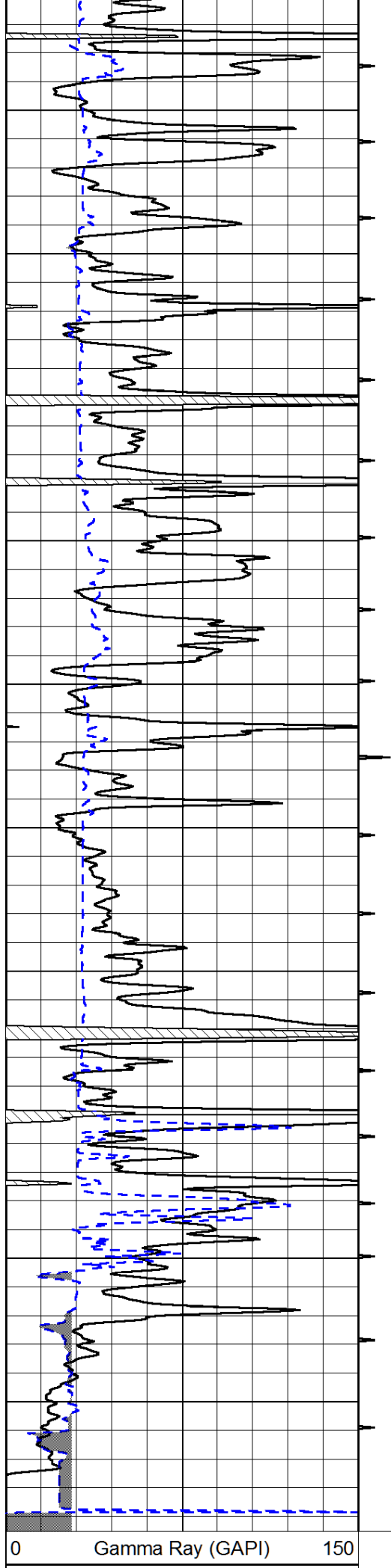
Bazine, KS:
9S, 3/4W, N into

Database File: transpac_hd.db
Dataset Pathname: dil/tnpmain
Presentation Format: cdl
Dataset Creation: Mon Mar 18 01:30:42 2013
Charted by: Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	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)





6	Caliper (in)	16	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: transpac_hd.db Dataset Pathname: dil/tnpmain Presentation Format: cndlspec Dataset Creation: Mon Mar 18 01:30:42 2013 Charted by: Depth in Feet scaled 1:240					
0	Gamma Ray (GAPI)	150	30	CNLS (pu)	-10
6	Caliper (in)	16	30	Compensated Density (2.71 ma) (pu)	-10
			2.625	DGA (g/cc)	3.425
				-0.25	Correction (g/cc)
					0.25
			10000	Line Tension (lb)	0
					LSPD
					(ft/min)

