



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-167-23,562-00-00

Company John O Farmer, Inc.
Well Waymaster No. 1
Field Hall-Gurney
County Russell
State Kansas

Location 840' FSL & 2390' FWL
Sec: 2 Twp: 15 S Rge: 13 W

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 1791
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1799
D.F. G.L. 1791

Date 2/20/2009

Run Number One

Type Log CNL / CDL

Depth Driller 3350

Depth Logger 3350

Bottom Logged Interval 3329

Top Logged Interval 2400

Type Fluid In Hole Chemical

Salinity, PPM CL 6,000

Density 9.3

Level Full

Max. Rec. Temp. F 112

Operating Rig Time 4 Hours

Equipment -- Location 10 Hays

Recorded By K. Bange

Witnessed By Brad Hutchison

Borehole Record				Casing Record			
Run No	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	413	8.625	24#	00	413
2	7.875	413	3350				

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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

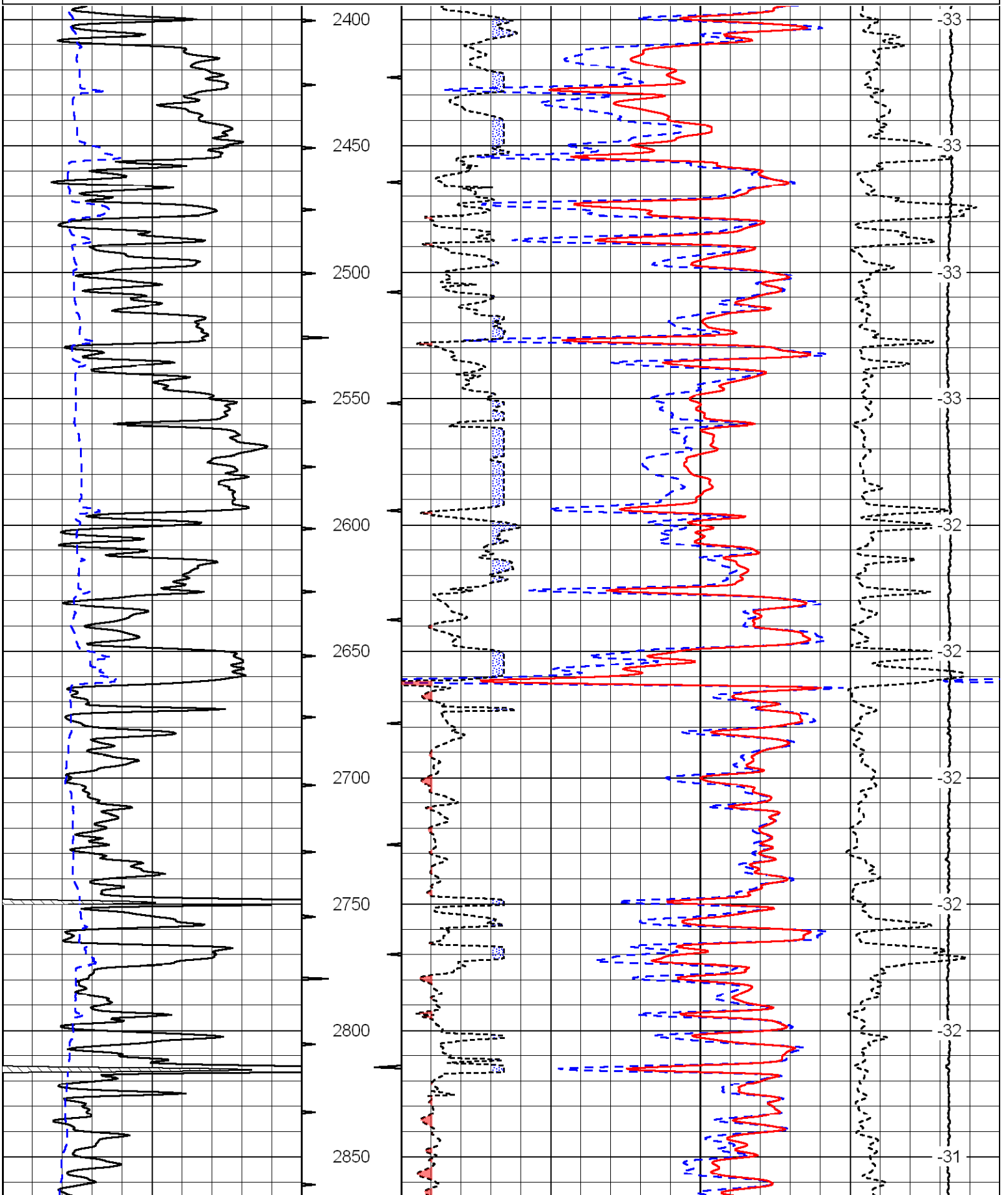
Bunker Hill, S. to stop sign, right follow blacktop (7.8 miles from Bunker Hill), N into

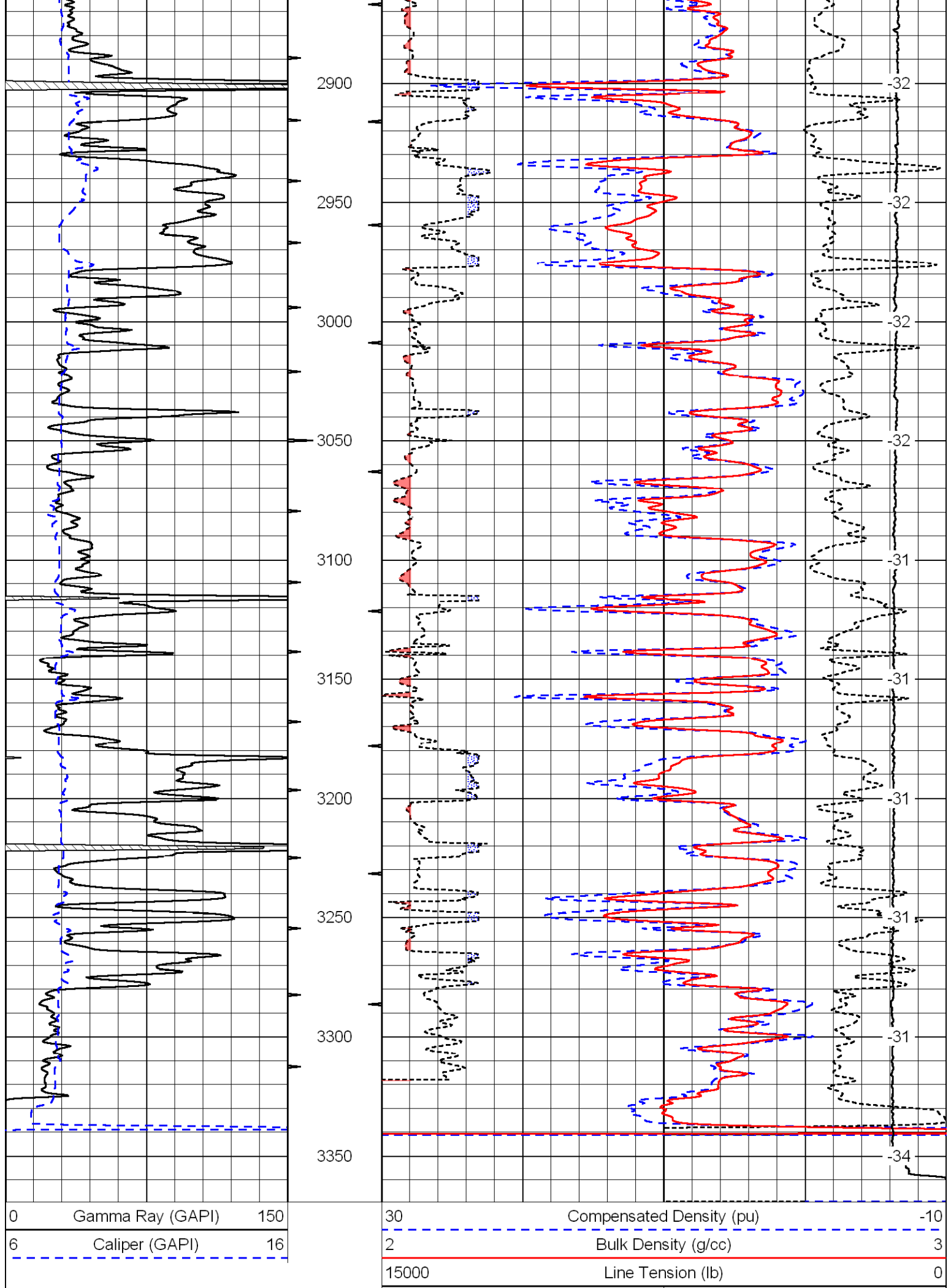
Database File: c:\warrior\data\farmer_waymaster no. 1\farmhd.db
 Dataset Pathname: dil/farm2in
 Presentation Format: cdl
 Dataset Creation: Fri Feb 20 04:00:34 2009
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray (GAPI)	150
6	Caliper (GAPI)	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)





0	Gamma Ray (GAPI)	150
6	Caliper (GAPI)	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\farmer_waymaster no. 1\farmhd.db
 Dataset Pathname: dil/farm2in
 Presentation Format: cndlspec
 Dataset Creation: Fri Feb 20 04:00:34 2009
 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150
6	Caliper (GAPI)	16

30	Compensated Neutron (Limestone) (pu)			-10
30	Compensated Density (2.71 ma) (pu)			-10
2.625	DGA (g/cc)	3.425	-0.25	Correction (g/cc) 0.25
15000	Line Tension (lb)			0

LSPD
(ft/min)

