



Dual Compensated
Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-109-20,912-00-00

Company MAK-J Energy Operating Company, L.L.C.
Well BH Berggren No. 13-5
Field
County Logan State Kansas
Location 707' FSL & 707' FWL
Sec: 5 Twp: 14S Rge: 32W
Other Services
DIL
MEI/BHCS

Permanent Datum Ground Level Elevation 2870
Log Measured From Kelly Bushing 11 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing
K.B. 2881
D.F. 2870
G.L. 2870

Date 6/6/2010
Run Number One
Type Log CNL / CDL
Depth Driller 4220
Depth Logger 4220
Bottom Logged Interval 4199
Top Logged Interval 3400
Type Fluid In Hole Chemical
Salinity, PPM CL 5300
Density 9.3
Level Full
Max. Rec. Temp. F 120
Operating Rig Time 4 1/2 Hours
Equipment -- Location 10 Hays
Recorded By J. Long
Witnessed By Justin Carter

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	352	8.625	24#	00	352
2	7.875	352	4220				

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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

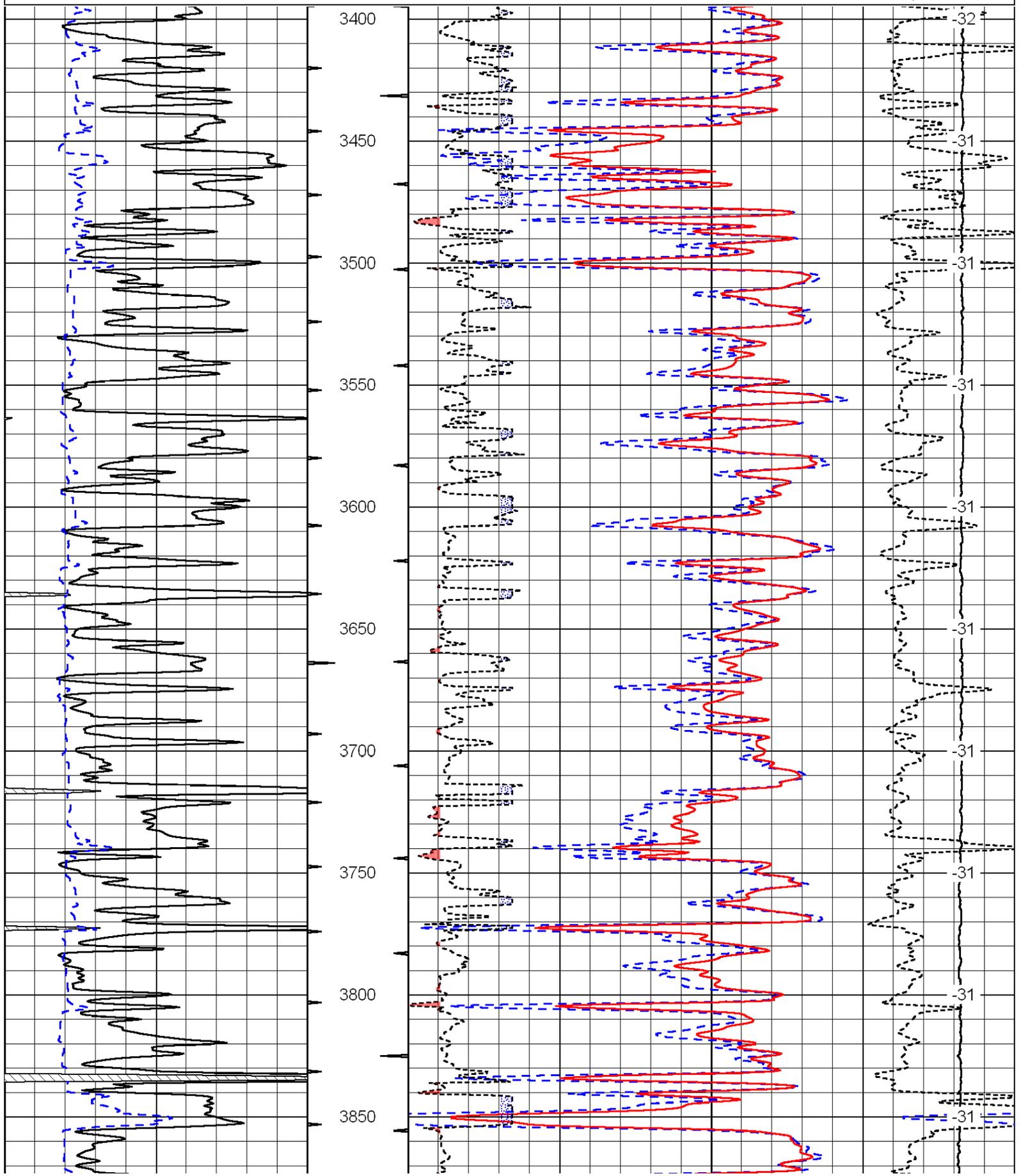
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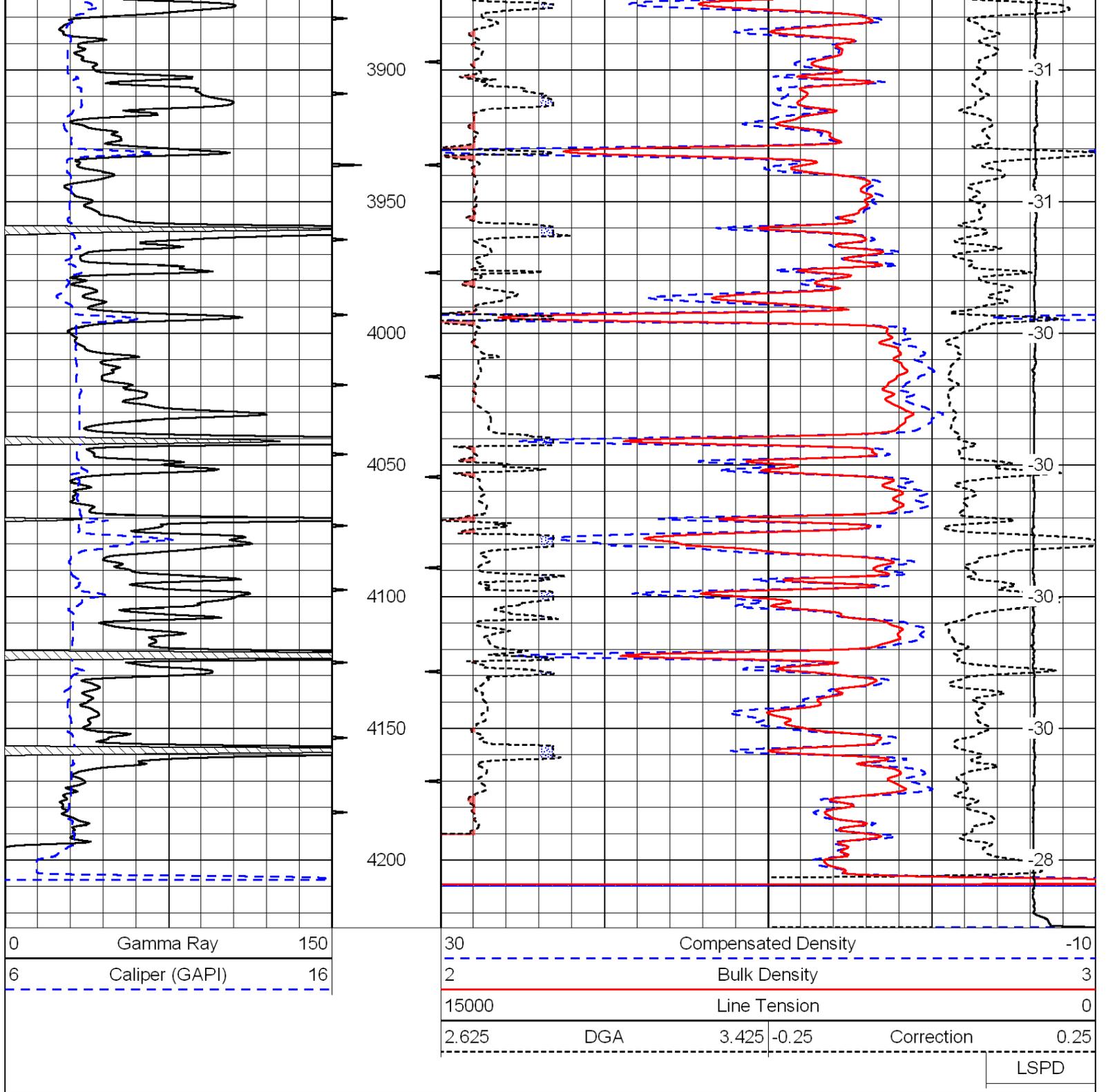
Oakley, 17 South to Mustang Rd, 3 West, 1 South, East Into at Tank Batteries

Database File: c:\warrior\data\mak-j_bh berggren no. 13-5\makhd.db
Dataset Pathname: dil/makjstck
Presentation Format: cdl
Dataset Creation: Sun Jun 06 11:45:45 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			





Database File: c:\warrior\data\mak-j_bh berkgren no. 13-5\makhd.db
 Dataset Pathname: dil/makjstck
 Presentation Format: cndlspec
 Dataset Creation: Sun Jun 06 11:45:45 2010
 Charted by: Depth in Feet scaled 1:240

