Company	DOWNING-NELSON OIL COMPANY INC.
Well	YOUNGER NO. 1-2
Field	WILDCAT
County	TREGO
State	KANSAS

SONIC LOG

Company	DOWNING-NELSON OIL COMPANY INC.		
Well	YOUNGER NO. 1-2		
Field	WILDCAT		
County	TREGO	State	KANSAS

Location: API # : 15-195-23012-00-00

582' FWL & 1224' FWL

SEC 2 TWP 14S RGE 22W

Other Services
CNL/CDL
DIL/MEL

Permanent Datum	GROUND LEVEL	Elevation	2317
Log Measured From	KELLY BUSHING 8' A.G.L		
Drilling Measured From	KELLY BUSHING		

Elevation
K.B. 2325
D.F. 2323
G.L. 2317

Date	11/12/16	
Run Number	TWO	
Depth Driller	4304	
Depth Logger	4307	
Bottom Logged Interval	4297	
Top Log Interval	200	
Casing Driller	8 5/8" @ 245'	
Casing Logger	246'	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6000 PPM
Density / Viscosity	9.3/54	
pH / Fluid Loss	10.0/6.8	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	.85@66F	
Rmf @ Meas. Temp	.64@66F	
Rmc @ Meas. Temp	1.02@66F	
Source of Rmf / Rmc	MEASUREMENT	
Rm @ BHT	.47@119F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom		
Maximum Recorded Temperature	119F	
Equipment Number	3802	
Location	HAYS, KANSAS	
Recorded By	JUSTIN HENRICKSON	
Witnessed By	MARC DOWNING	

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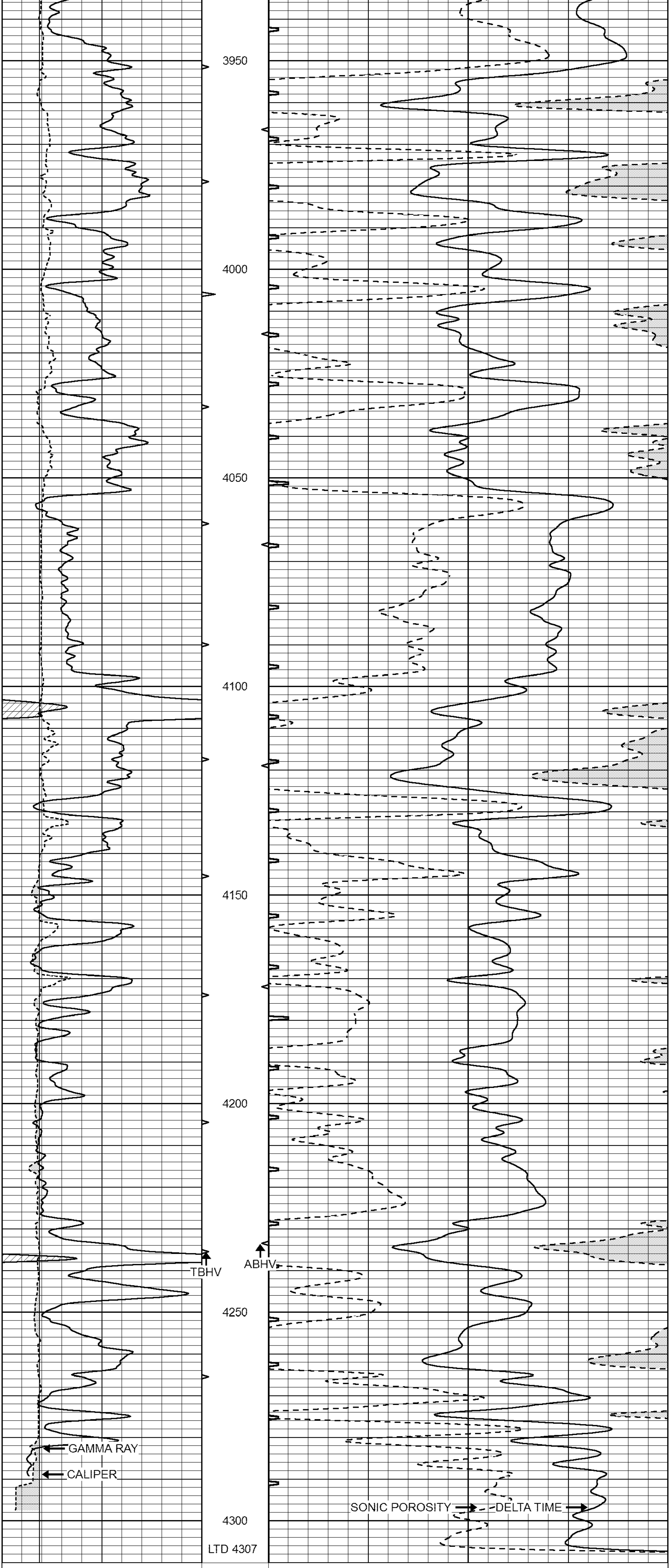
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
OGALLAH EXIT I70
SOUTH TO FIRST SET OF CURVES, SOUTH AND WEST INTO IN MIDDLE OF CURVE

MAIN PASS

Database File	78027ddn8.db
Dataset Pathname	pass6.2
Presentation Format	_slt
Dataset Creation	Sat Nov 12 12:04:59 2016
Charted by	Depth in Feet scaled 1:240

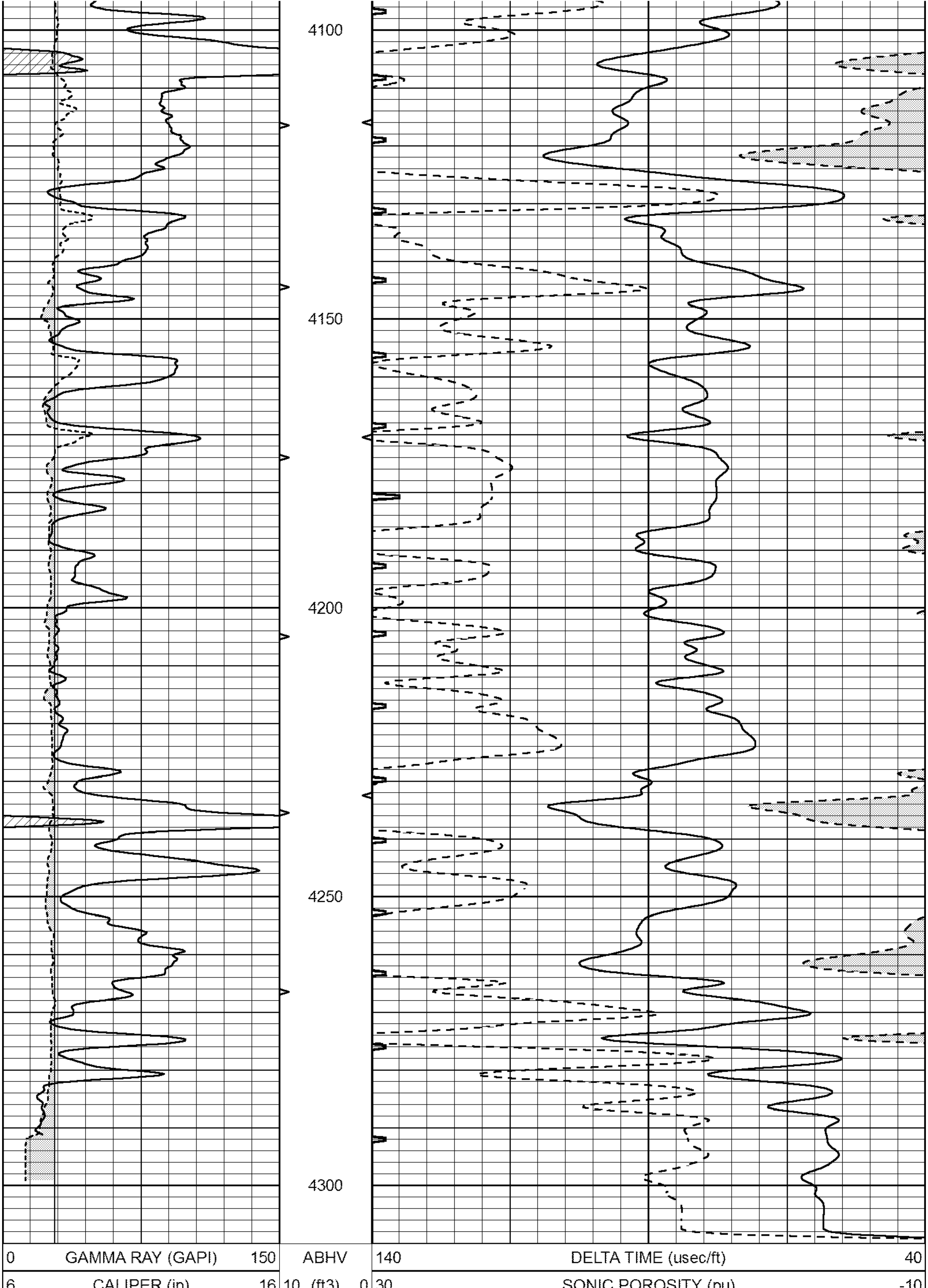


0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			

REPEAT SECTION

Database File	78027ddn8.db
Dataset Pathname	pass5.1
Presentation Format	_slt
Dataset Creation	Sat Nov 12 11:04:13 2016
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			



0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
6	CALIPER (in)	16	10 (ft3) 0	30	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
			0 (ft3) 10			