



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	LD DRILLING	Company	LD DRILLING
Well	BLANKENSHIP #3-2	Well	BLANKENSHIP #3-2
Field	OTIS-ALBERT	Field	OTIS-ALBERT
County	BARTON	County	BARTON
State	KANSAS	State	KANSAS
Location:	API # : 15-009-25961-00-00 1320' FSL & 1320' FEL SE/4	Other Services CDL/CNL DIL	
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL KELLY BUSHING 5' A.G.L. KELLY BUSHING	Elevation K.B. 1957 D.F. 1955 G.L. 1952	
Date	10/3/14		
Run Number	TVMO		
Depth Driller	3660		
Depth Logger	3658		
Bottom Logged Interval	3656		
Top Log Interval	3220		
Casing Driller	8 5/8" @ 954		
Casing Logger	952		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 8,000 PPM	
Density / Viscosity	9.2/65		
pH / Fluid Loss	10.5/9.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.50 @ 74F		
Rmf @ Meas. Temp	0.38 @ 74F		
Rmc @ Meas. Temp	0.60 @ 74F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.33 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	3802		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	KURT TALBOTT		

<<< Fold Here >>>

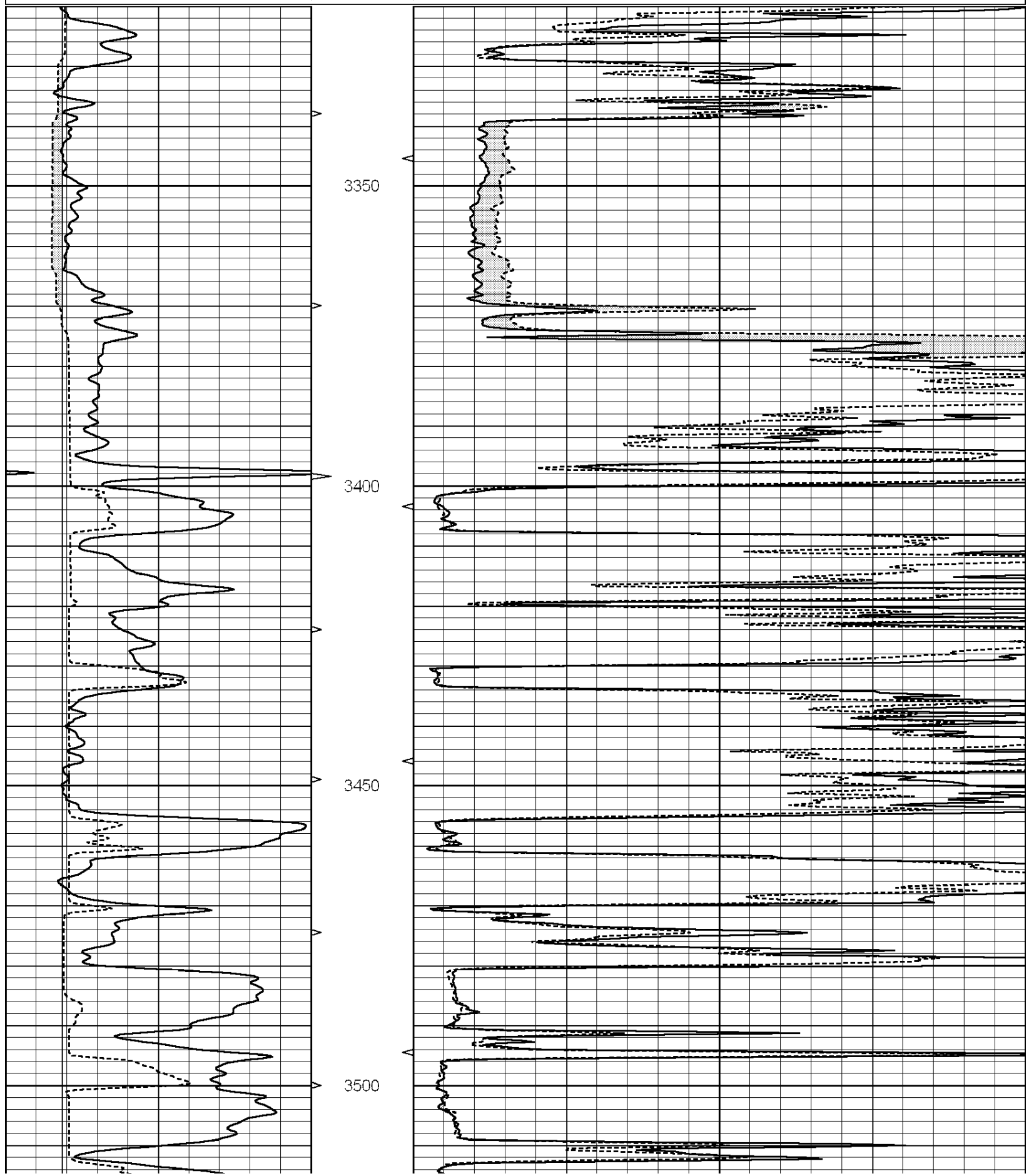
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

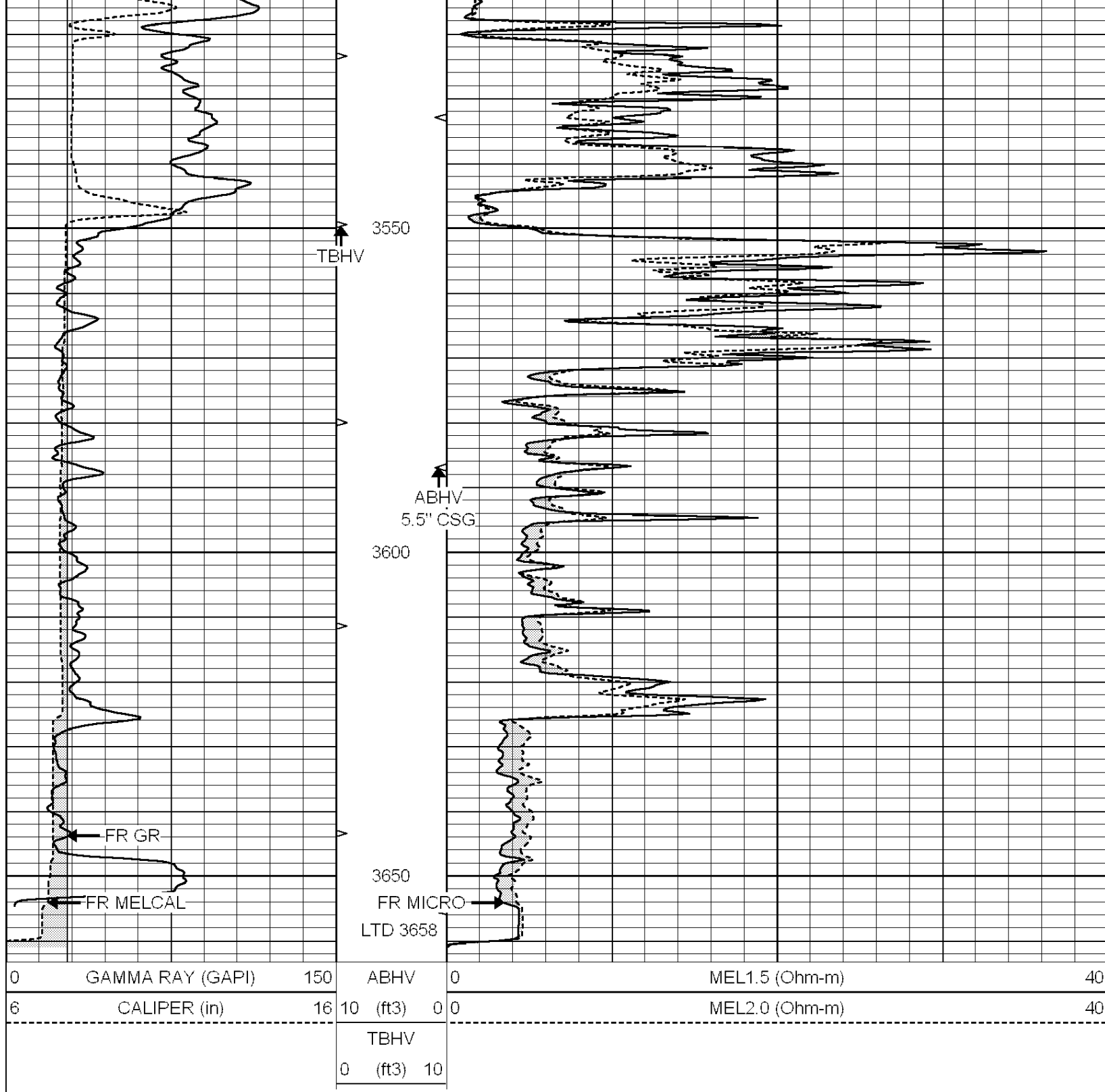
Comments

THANK YOU FOR USING NABORS COMPLETION & PRODUCTION SVCS. (785) 628-6395

DIRECTIONS: HEIZER, KS - 1 MILE WEST TO RD NW90 - 1 3/4 MILES SOUTH WEST INTO

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			

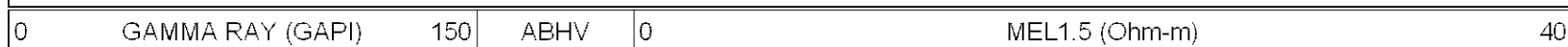


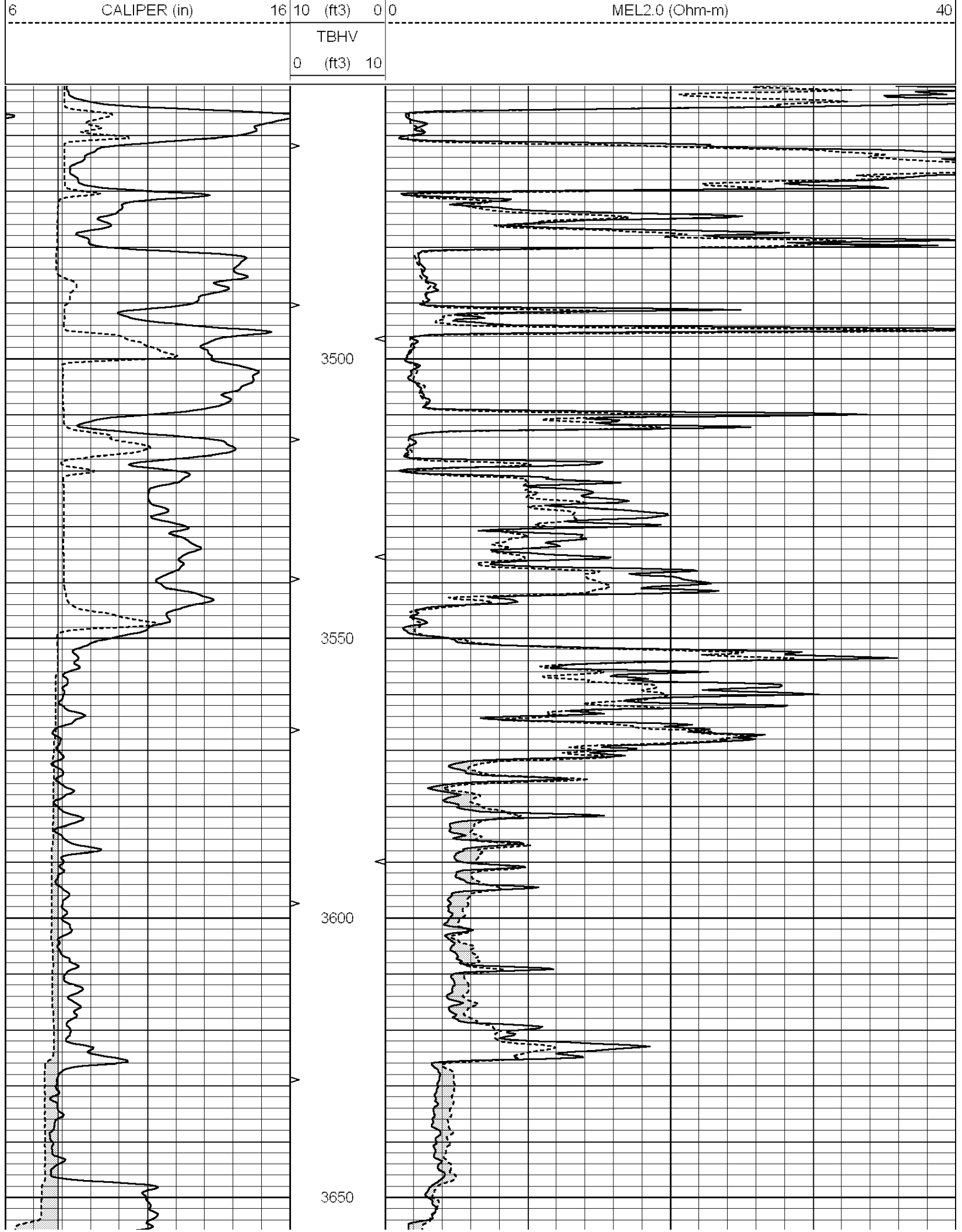


**COMPLETION
& PRODUCTION
SERVICES CO.**

REPEAT SECTION

Database File: 26230ddn.db
 Dataset Pathname: pass4.1
 Presentation Format: _micro
 Dataset Creation: Fri Oct 03 03:05:24 2014 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0 0	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			

Calibration Report			
Database File:		26230ddn.db	
Dataset Pathname:		pass5	
Dataset Creation:		Fri Oct 03 03:08:42 2014 by Log Open-Cased 090629	
MICRO Calibration Report			
Serial Number:		MICRO6	
Tool Model:		PROBE	
Performed:		Thu Oct 02 13:04:43 2014	
Caliper Calibration:		Gain=3.472	Offset=3.300
		Low Cal	High Cal
References		8.500	14.000
Readings		1.316	2.900
1.5" Calibration:		Gain=30.000	Offset=0.000
		Low Cal	High Cal
References		0.000	20.000
Readings		0.004	0.843
2" Calibration:		Gain=38.000	Offset=0.100
		Low Cal	High Cal
References		0.000	20.000
Readings		0.021	0.810
Gamma Ray Calibration Report			
Serial Number:		7	
Tool Model:		Probe1	
Performed:		Fri Jul 18 12:11:13 2014	
Calibrator Value:		1.0	GAPI
Background Reading:		0.0	cps
Calibrator Reading:		1.0	cps
Sensitivity:		0.5000	GAPI/cps