

MICRO LOG

Company NORSTAR PETROLEUM, INC.
 Well DOWNEY #1-36
 Field LANE
 County LANE
 State KANSAS
 Location: 754 FSL & 2065 FEL
 API #: 15-101-22800-0000

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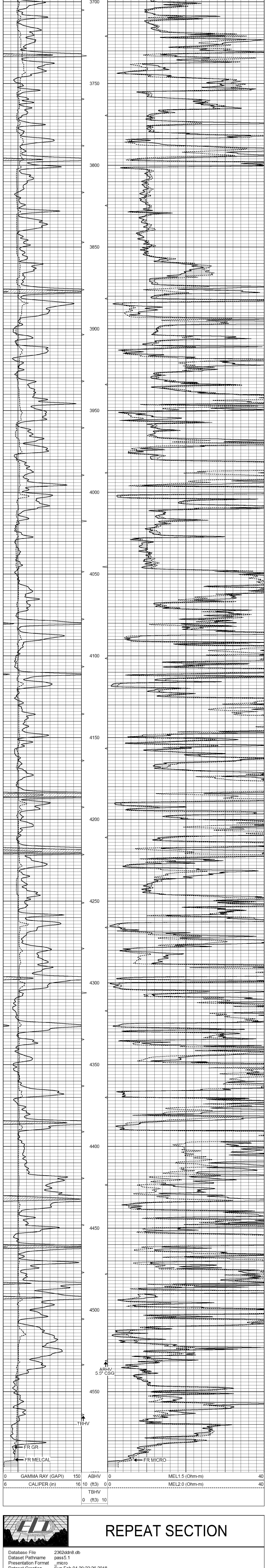
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
 BEELER, KS. - WEST TO LANE/NESS COUNTY LINE RD. - 2 SOUTH
 WEST & NORTH INTO

MAIN SECTION

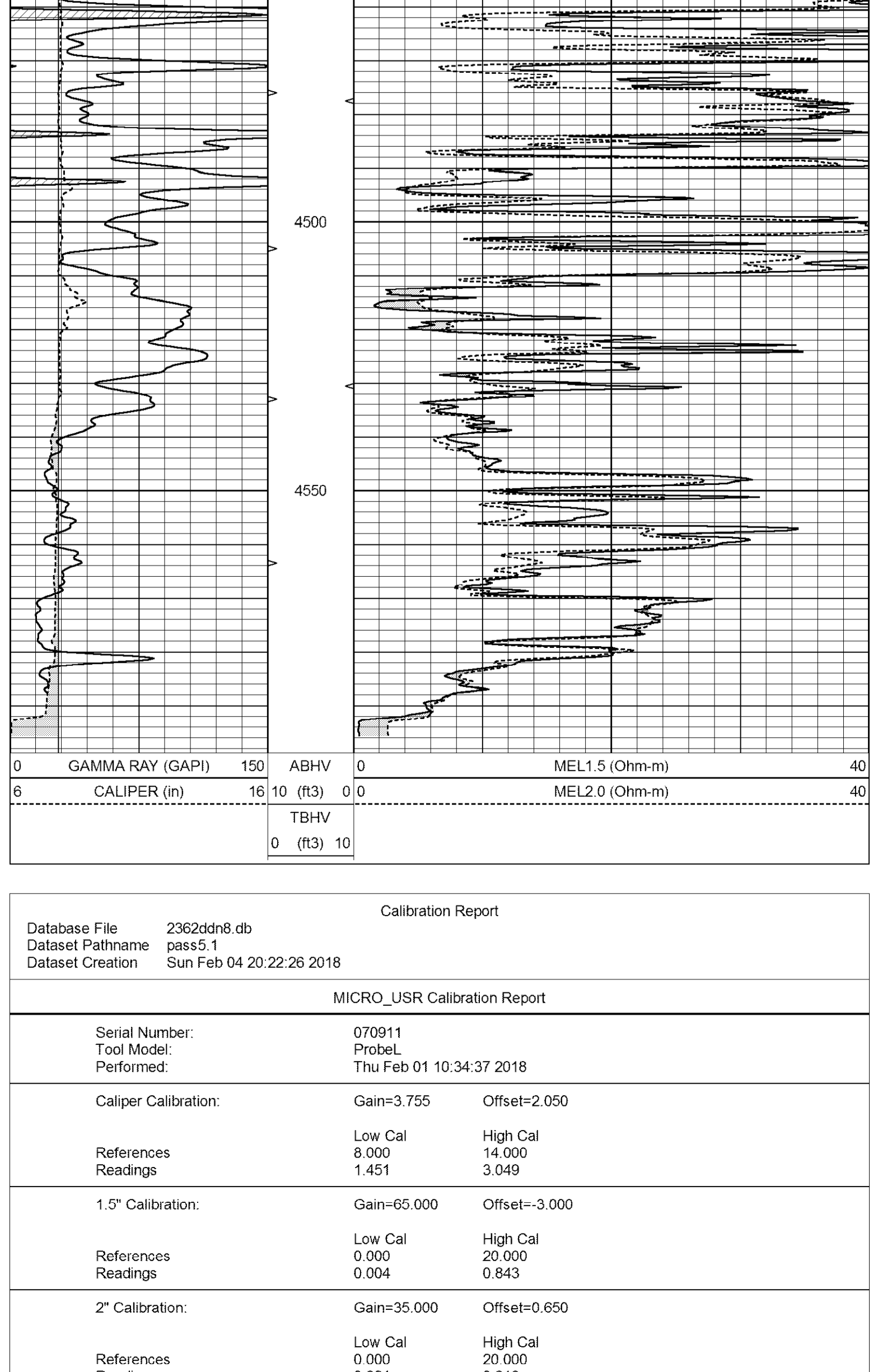
Database File 2362ddn8.db
 Dataset Pathname pass5.1
 Presentation Format micro
 Dataset Creation Sun Feb 04 20:32:28 2018
 Charted by Depth in Feet scaled 1:240



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

REPEAT SECTION

Database File 2362ddn8.db
 Dataset Pathname pass5.1
 Presentation Format micro
 Dataset Creation Sun Feb 04 20:22:26 2018
 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 (ft) 0 0 MEL2.0 (Ohm-m) 40
 TBHV 0 (ft) 10

Calibration Report

Database File 2362ddn8.db
 Dataset Pathname pass5.1
 Dataset Creation Sun Feb 04 20:22:26 2018

MICRO_USR Calibration Report

Serial Number: 070911
 Tool Model: Probel
 Performed: Thu Feb 01 10:34:37 2018

Caliper Calibration: Gain=3.755 Offset=2.050
 Low Cal 8.000 High Cal 14.000
 References 1.451 Readings 3.049

1.5" Calibration: Gain=65.000 Offset=-3.000
 Low Cal 0.000 High Cal 20.000
 References 0.004 Readings 0.843

2" Calibration: Gain=35.000 Offset=0.650
 Low Cal 0.000 High Cal 20.000
 References 0.021 Readings 0.810

Microlog Calibration Report

Serial-Model-Performed: 070911-Probel Sat Apr 11 01:13:01 2015

	Readings		References		Results		
	Zero	Cal	Zero	Cal	m	b	
Normal	0.0002	0.4836	0.0000	10.0000	Ohm-m	20.6908	-0.0051
Inverse	0.0018	0.6297	0.0000	10.0000	Ohm-m	15.9263	-0.0282
Caliper	0.0000	1.0000	0.0000	1.0000	In	1.0000	0.0000

Gamma Ray Calibration Report

Serial Number: 7
 Tool Model: Probe1
 Performed: Wed Jun 29 11:10:58 2016

Calibrator Value: 1.0 GAPJ
 Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.4300 GAPJ/cps