

correctness of all
es, or expenses
so subject to our

	Company	MAI OIL OPERATIONS, INC.	Company	MAI OIL OPERATIONS, INC.
	Well	STEINLE #2	Well	STEINLE #2
	Field	GORHAM	Field	GORHAM
	County	RUSSELL	County	RUSSELL
	State	KANSAS	State	KANSAS
	Location:	APR # : 15-167-2405-0000 59Y FILL, 8 65Z P.W.L. SE - NW - NE - NW	Oilfield Services: DUMEL	
Date	Pennest Drilling From	SEC 2 TWP 14S R9E 15W GORQUINN LEE KELLY BUSHING & A.G.L.	Elevation	1903 K.B. 1911 O.L. 1903
Run Number	Drilling Measured From	11/01/18		
Depth Chatter		CONE		
Depth Logger		3440		
Total Log Interval		3360		
Total Log Interval		2300		
Casing Diameter		8.66"/26"		
Casing Logger		939		
Bur Size		7-7/8"		
Run In Made		CHC/DONES 6.000 PPM		
Current Viscosity		9.44CS		
pH / Fluid Loss		8.01/0.4		
Source of Sample		FLOWLINE		
Run @ Max Temp		7:00@190°F		
Run @ Min Temp		2:40@190°F		
Source of Run / Runs		IMPROVEMENT		
Run @ Bit		441 @ 11F		
Time Circulation Begon		1 HOURS		
Time Circulation Stoped		10:00 A.M		
Equipment Number		925339		
Location		HAYS, KANSAS		
Recorded By		JEFF LIEBERERS		
Witnessed By		WATL IREDA		

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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 of 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 incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395

DIRECTIONS

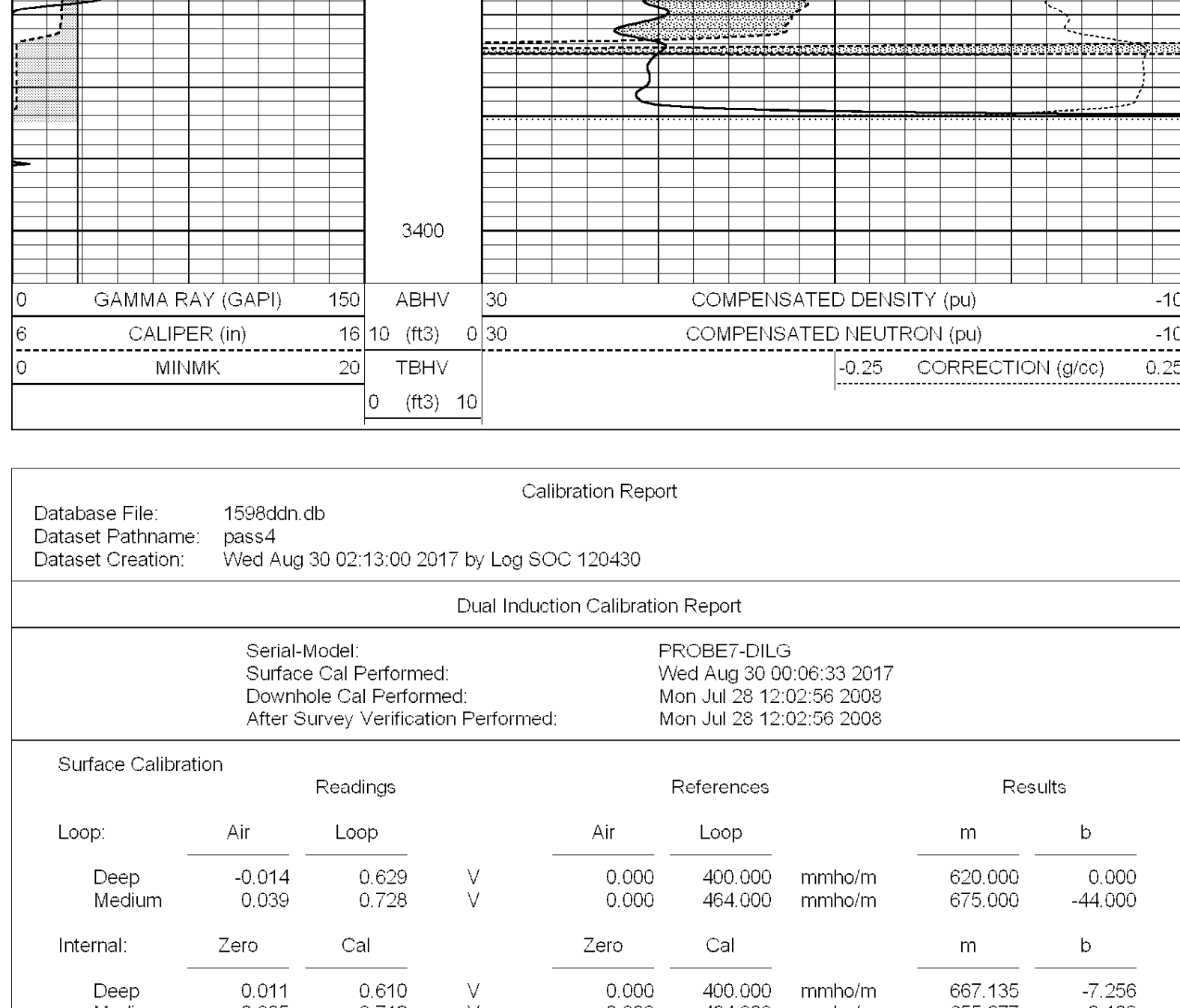
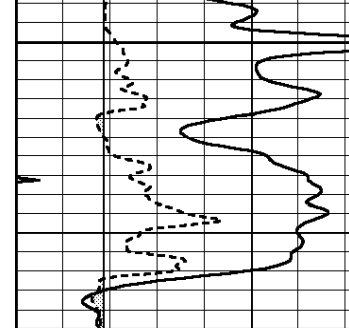
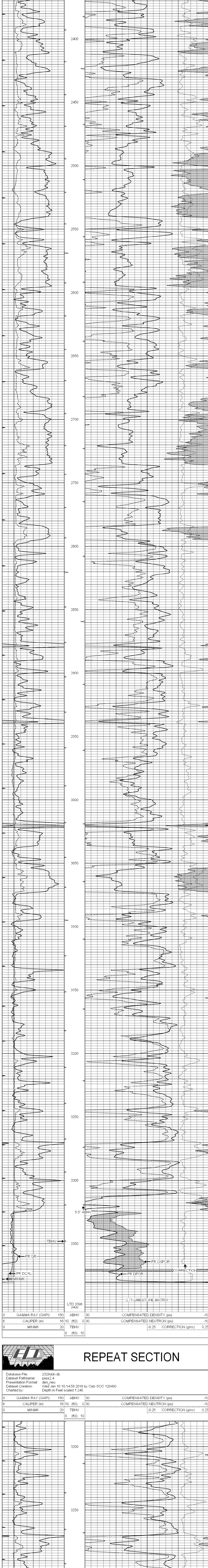
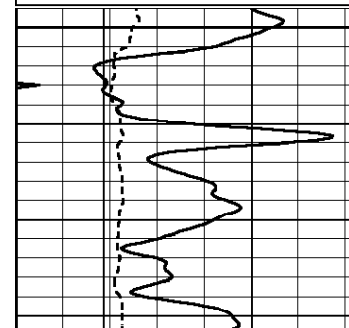
L70 + BALTA EXIT 4DN, 41 WML C INTO

FJO & BALTA EXH. 172N., 172W., S. INTO

MAIN SECTION

18 by Calc SOC 120430
40

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	ft(3)	0	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TEHV			
			ft(3)	10		



Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.617	-3.102
Downhole Calibration			Readings		References		Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000

166.367	504.4
V	1400.0
V	20

	-0.00	V	60,000	mm/m
	-7,200		400,000	mm/m
After Survey Verification				
	Readings		Targets	Results
	Zero	Cal	Zero	Cal
			m'	b'

Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m	1.000	1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		
Litho Density Calibration Report Serial: 002 Model: PRB								
Master Calibration	Performed Mon Aug 21 11:27:42 2017							
	Background	Magnesium	Aluminum	Sandstone				
Window 1	837.1	10632.5	2945.1	12110.1	cps			

Window 2	772.0	9117.4	2570.1	10197.3	cps
Window 3	631.7	4669.0	1481.9	5042.9	cps
Window 4	187.0	187.5	185.9	189.9	cps
Long Space	0.0	8345.4	1798.1	9425.3	cps
Short Space	1.1	1927.9	1285.9	2050.2	cps
Rho		1.7100	2.5960	1.3800	g/cc
Pe		0.0000	2.5700	1.5500	
Rib Angle	: 45.2	Rib Slope	: 1.008	Density/Spine Ratio	: 0.558
Spine Angle	: 75.2	Spine Slope	: 3.790	Spine Intercept	: -19.6
Before Survey Verification			Performed Wed Dec 31 18:00:00 1969		

Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	
After Survey Verification			Performed Wed Dec 31 18:00:00 1969		

Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho	0.0000	0.0000	0.0000	0.0000	g/cc
Measured Correction	0.0000	0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	

Compensated Neutron Calibration Report			
Serial Number:		070908	
Tool Model:		Probe	
PRE-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
POST-SURVEY VERIFICATION			

Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
Gamma Ray Calibration Report			
Serial Number:	070558		
Tool Model:	OPEN_GR		
Performed:	Wed May 31 00:09:32 2017		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	

Background reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.2800	GAP/1cps