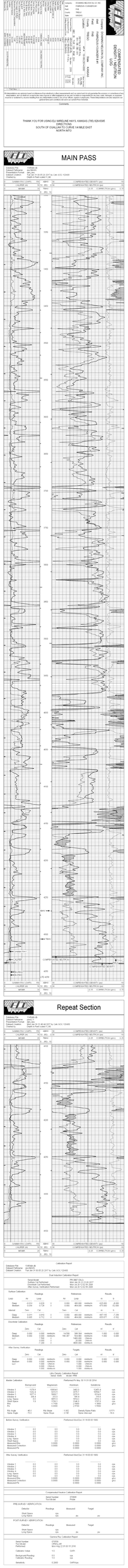

COMPENSATED DENSITY / NEUTRON

Company: EDWARD MELSON OIL CO. INC.
Well: FAREWELL COUNTY #1
Field: WB
County: KEARNY
State: KANSAS
Date: 2/8/2007
Location: 330 FSL 2310 FEL
SEC 12 T23S R37W
Elevation: GL 3000 KB 3010
Drilling Fluid: FRESH WATER
Max Temp: 110 F
Max Rec Speed: 1800 FPH
Logging Unit: 3
Logging Engineer: DOUG
Witnessed By: MR. DAVID MELSON

Depth Control: Depth Control Log Dated 2/7/2007
Log Measured From: KB 10 Above Perm. Datum
Drilling Measured From: KB

Run No. 1 Depth Driller: 5240 Depth Logger: 5241
Bottom Log Interval: 5237 Top Log Interval: 3500
Casing Driller: 8 5/8 @ 1700 Casing Logger: 1700
Bit Size: 7 7/8 Type Fluid in Hole: FRESH WATER
Density: 9.2 Viscosity: 45
Max Rec Temp: 110 Equipment: 10 Miles SOUTH ON HIGHWAY 25 TO CURVE IN MILE EAST NORTH INTO

Recorded By: DOUG
Witnessed By: MR. DAVID MELSON

Run No. 1 Scale: 1 Inch = 10 Feet

Disclaimer: Any opinions based on interpretation of data are offered as such, and represents such an opinion 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 based on our understanding and interpretation of generally accepted standards or practices and are subject to our standard Terms & Conditions.

Comments

THANK YOU FOR USING EU WIRELINE HAYS, KANSAS (785) 628-6395
DOUG
SOUTH OF OAKLAND TO CURVE IN MILE EAST
NORTH INTO

MAIN PASS

Datafame File: 1145246.db
Dataset Pathname: pass/pass1
Presentation Format: dev_km
Dataset Creation: Wed Jan 31 00:05:33 2007 by Calib SOC 123400
Charles Ho
Calibration by: Depth w/ Gail Kubik11.db

GAMMA RAY (CAPI)	0/52	GBAPI	70	COMPENSATED DENSITY (gcm)	-0.25
CALIPER (in)	10	IN.	20.5	COMPENSATED NEUTRON (pu)	0.45
SP/GAIN	20	Millivolts	80	(in.)R CURVE(Ohm-gm/m)	0.75
	0	DEG.	90		

Repeat Section

Datafame File: 1145246.db
Dataset Pathname: pass/rep1
Presentation Format: dev_km
Dataset Creation: Wed Jan 31 21:48:44 2007 by Calib SOC 123400
Charles Ho
Calibration by: Depth w/ Gail Kubik11.db

GAMMA RAY (CAPI)	0/52	GBAPI	70	COMPENSATED DENSITY (gcm)	-0.25
CALIPER (in)	10	IN.	20.5	COMPENSATED NEUTRON (pu)	0.45
SP/GAIN	20	Millivolts	80	(in.)R CURVE(Ohm-gm/m)	0.75
	0	DEG.	90		

Calibration Report

Datafame File: 1145246.db
Dataset Pathname: pass/pass1
Dataset Creation: Tue Jan 31 00:05:33 2007 by Calib SOC 123400

Dual Induction Calibration Report

Serial Model: PRI-MC-DIL-I
Calibration Performed: Mon Jul 31 10:31:00 2006
Downloaded: Mon Jul 31 10:32:18 2006
After Survey Verification Performed: Mon Jul 31 10:32:18 2006

Surface Calibration

	Readings			References			Results	
Limit	Air	Limit		Air	Limit		m	b
Deep	0.014	0.019	0	0.000	464.000	mmhos/m	425.000	-8.000
Medium	0.039	0.728	0	0.000	464.000	mmhos/m	470.000	-10.000
Interval	Zero	Limit		Zero	Limit		m	b
Deep	0.011	0.015	0	0.000	465.000	mmhos/m	467.105	-2.106
Medium	0.035	0.728	0	0.000	464.000	mmhos/m	470.000	-5.895

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Deep	0.000	0.000	mmhos/m	14.500	501.314	mmhos/m	1.000	0.000
Medium	0.000	0.000	mmhos/m	166.381	724.400	mmhos/m	1.000	0.000
LL7		7.500	Ω		1400.000	Ohm-m		
		0.000	Ω		1400.000	Ohm-m		
		0.000	Ω		400.000	Ohm-m		

After Survey Verification

	Readings			Targets			Results	
	Cal			Cal			m	b
Deep	0.000	0.000	mmhos/m	0.000	0.000	mmhos/m	0.000	0.000
Medium	0.000	0.000	mmhos/m	0.000	0.000	mmhos/m	0.000	0.000
LL7		7.500	Ohm-m		7.500	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		

Litho Density Calibration Report

Serial Model: Model 1705
Serial Number: Model 1705

Performed By: 07-10-01 2014

Master Calibration	Background	Magnesium	Aluminum	Sandstone	
Window 1	10763.6	10304.6	2483.0	12457.4	n/a
Window 2	4	4	4	4	n/a
Window 3	0.0	0.0	0.0	0.0	n/a
Window 4	0.0	0.0	0.0	0.0	n/a
Long. Stance	9.0	9.0	9.0	9.0	n/a
Short Stance	9.0	9.0	9.0	9.0	n/a
Measured Correction		0.0000	0.0000	0.0000	
Measured Pe			1.0000	1.0000	

Long. Stance	9.0	9.0	9.0	9.0	n/a
Short Stance	9.0	9.0	9.0	9.0	n/a
Measured Correction		0.0000	0.0000	0.0000	
Measured Pe			1.0000	1.0000	

Long. Stance	9.0	9.0	9.0	9.0	n/a
Short Stance	9.0	9.0	9.0	9.0	n/a
Measured Correction		0.0000	0.0000	0.0000	
Measured Pe			1.0000	1.0000	

Long. Stance	9.0	9.0	9.0	9.0	n/a
Short Stance	9.0	9.0	9.0	9.0	n/a
Measured Correction		0.0000	0.0000	0.0000	
Measured Pe			1.0000	1.0000	

Before Survey Verification

Performed Date/Time: 01-18-00 00:18:00

Window 1	0.0	0.0	0.0	0.0	n/a
Window 2	0.0	0.0	0.0	0.0	n/a
Window 3	0.0	0.0	0.0	0.0	n/a
Window 4	0.0	0.0	0.0	0.0	n/a
Long. Stance	9.0	9.0	9.0	9.0	n/a
Short Stance	9.0	9.0	9.0	9.0	n/a
Measured Correction		0.0000	0.0000	0.0000	
Measured Pe			1.0000	1.0000	

After Survey Verification

Performed Date/Time: 01-18-00 00:18:00

Window 1	0.0	0.0	0.0	0.0	n/a
Window 2	0.0	0.0	0.0	0.0	n/a
Window 3	0.0	0.0	0.0	0.0	n/a
Window 4	0.0	0.0	0.0	0.0	n/a
Long. Stance	9.0	9.0	9.0	9.0	n/a
Short Stance	9.0	9.0	9.0	9.0	n/a
Measured Correction		0.0000	0.0000	0.0000	
Measured Pe			1.0000	1.0000	

Compensated Neutron Calibration Report

Serial Number: 07BNP
Tool Model: Model 1705

PRE-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Long Spacer	n/a		
Short Spacer	n/a	20	20

POST-SURVEY VERIFICATION

Detector	Readings	Measured	Target
Long Spacer	n/a		
Short Spacer	n/a	20	20

Gamma Ray Calibration Report

Serial Number: 07GRW
Tool Model: GPEDL GR
Calibration Date: Wed Jul 25 00:00:00 2006

Calibration Units:	API	GAPI
Background Reading:	0.0	cps
Calibration Reading:	1.0	cps
Sensitivity:	0.2800	GAPI/cps