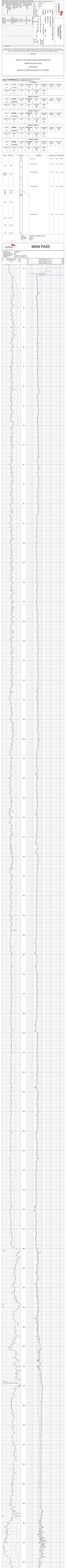


THESE FACTORS ARE CONSIDERED CONFIDENCE SERVICES

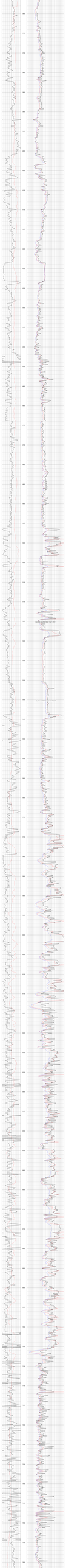
THE INTERPRETATIONS ARE OPINIONS

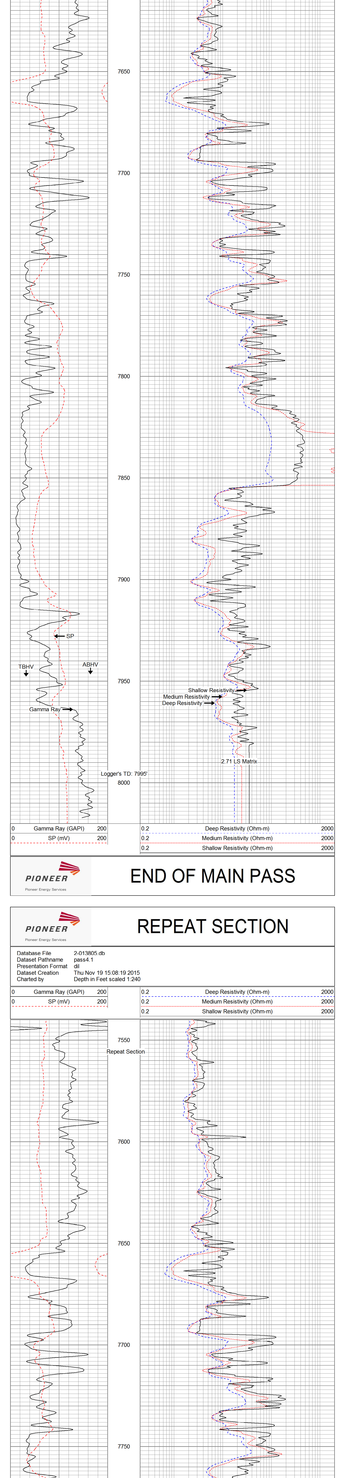
EXPRESSED

AMBIGUITIES ARE CALCULATED TO FIT CARING

Log Variables Blue line = Measured Depth (MD) Red line = True Vertical Depth (TVD)

Hole	17 1/2in	12 1/4in	8 1/2in	6 1/8in
Bit	17.5in	12.25in	8.5in	6.125in
Mud	Spud Mud	Spud Mud	Spud Mud	Spud Mud
Casing	13 3/8in @ 1,000ft	9 5/8in @ 3,000ft	7in @ 5,000ft	4 1/2in @ 6,000ft





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END OF MAIN PASS

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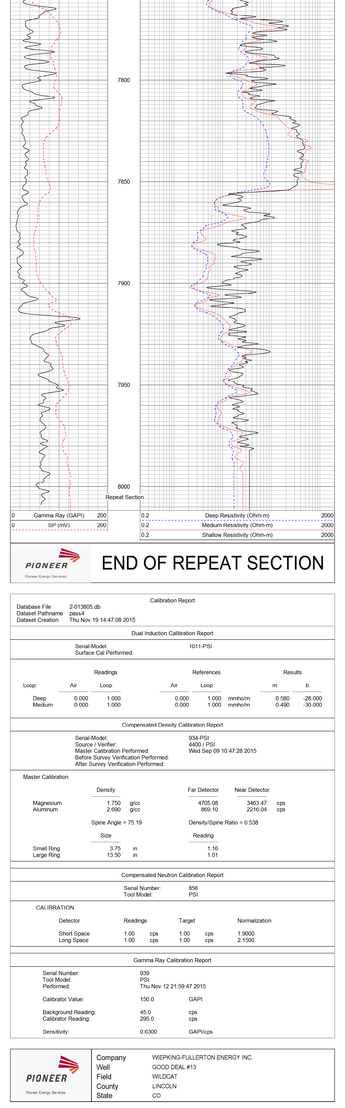
REPEAT SECTION

Database File	2-013805.db
Dataset Pathname	pass4.1
Presentation Format	dti
Dataset Creation	Thu Nov 19 15:08:19 2015
Charted by	Depth in Feet scaled 1:240



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END OF REPEAT SECTION

Calibration Report

Database File	2-013805.db
Dataset Pathname	pass4
Dataset Creation	Thu Nov 19 14:47:08 2015

Dual Induction Calibration Report

Serial-Model: 1011-PSI
Surface Cal Performed:

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.000	1.000		0.000	1.000	mmho/m	0.580	-28.000
Medium	0.000	1.000		0.000	1.000	mmho/m	0.490	-30.000

Compensated Density Calibration Report

Serial-Model: 934-PSI
Source / Verifier: 4800 / PSI
Before Calibration Performed: Wed Sep 09 10:47:28 2015
Before Survey Verification Performed:
After Survey Verification Performed:

Master Calibration

	Density		Far Detector	Near Detector
Magnesium	1.750	g/cc	4705.08	3403.47 cps
Aluminum	2.690	g/cc	869.10	2216.04 cps

Spine Angle = 75.19 Density/Spine Ratio = 0.538

	Size		Reading	
Small Ring	3.75	in	1.16	
Large Ring	13.50	in	1.01	

Compensated Neutron Calibration Report

Serial Number: 856
Tool Model: PSI

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	1.00	cps	1.00	cps	1.9000
Long Space	1.00	cps	1.00	cps	2.1500

Gamma Ray Calibration Report

Serial Number: 939
Tool Model: PSI
Performed: Thu Nov 12 21:59:47 2015

Calibrator Value: 150.0 GAPI

Background Reading: 45.0 cps
Calibrator Reading: 295.0 cps

Sensitivity: 0.6300 GAPI/cps

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Company	WIEPKING-FULLERTON ENERGY INC.
Well	GOOD DEAL #13
Field	WILDCAT
County	LINCOLN
State	CO