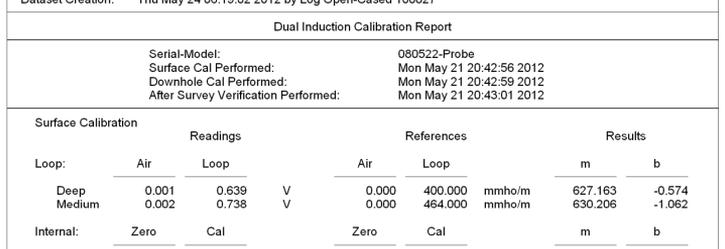
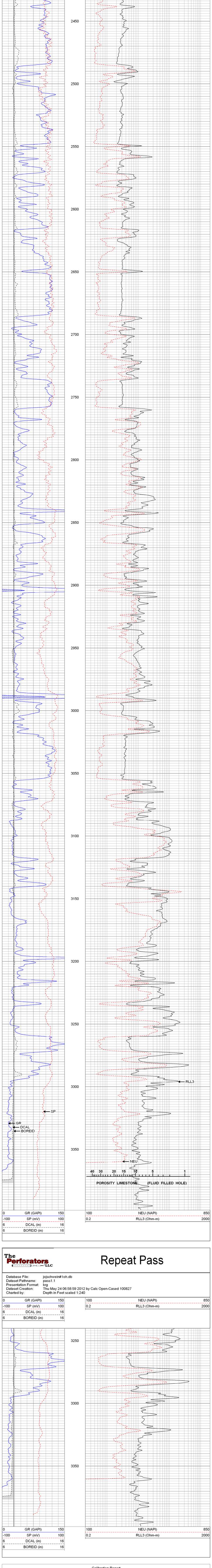


Company	Jason Oil Company	State	Kansas
Well	J. Schwein #1	County	Russell
Field	Trapp	Location:	1987 TSP & 1987 FVIL
County	Russell	API #:	15 167 23804
State	Kansas	SEC 25	TWP 15S R6E 14W
Location:	1987 TSP & 1987 FVIL	Ground Level	1441
Permanent Station	KB 8 & AGL	Elevation	1863
Log Measured From	KB 8 & AGL	K 4 187'	
Drilling Measured From	KB 8 & AGL	DT 187'	
Run Number	5-24-12	GL 1863'	
Date	5-24-12	ChemReferences	
Depth Logger	3407	CONL	
Bottom Logged Material	3355	DIL	
Casein Driller	4887		
Casein Logger	4887		
Bit Size	7 7/8"		
Type Fluid in Hole	Chemical		
Density / Viscosity	9.247		
pH / Fluid Loss	9.0/6		
Source of Sample	11628382897		
Run @ Mass Temp	11628382897		
Run @ Mass Temp	11628382897		
Source of Fluid / Time	11628382897		
Run @ BHRT	11628382897		
Time Calculation Stopped	6:30 a.m.		
Time Logger on Station	111deg'		
Maximum Recorded Temperature	111deg'		
Equipment Number	T145		
Location	L Smith		
Recorded By	M. Herb Dennis		
Witnessed By	M. Jim Schoeninger		

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**  
S of Russell on 281 to Millburger sign, 1 1/4 E, N into.  
Thank you for using The Perforators LLC  
Hays, KS 785-621-4604



### Calibration Report

Database File: jojschwein#1oh.db  
 Dataset Pathname: pass1  
 Dataset Creation: Thu May 24 06:19:02 2012 by Log Open-Cased 100827

#### Dual Induction Calibration Report

Serial-Model: 080522-Probe  
 Surface Cal Performed: Mon May 21 20:42:56 2012  
 Downhole Cal Performed: Mon May 21 20:42:59 2012  
 After Survey Verification Performed: Mon May 21 20:43:01 2012

Surface Calibration		Readings		References		Results	
Loop:		Air	Loop	Air	Loop	m	b
Deep	Medium	0.001	0.639	0.000	400.000	mmho/m	627.163
		0.002	0.738	0.000	464.000	mmho/m	630.206
Internal:	Zero	Cal		Zero	Cal	m	b
Deep	Medium	0.001	0.638	0.000	400.000	mmho/m	628.131
		0.002	0.738	0.000	464.000	mmho/m	630.237

#### Downhole Calibration

Readings		References		Results		
	Zero	Cal	Zero	Cal	m'	b'
Deep	0.283	399.724	0.142	399.525	1.000	-0.142
Medium	0.315	464.258	0.131	464.108	1.000	-0.185
LL3		7.287		750.000		
		-0.000		12.000		
		-7.425		3745.000		

#### Compensated Density Calibration Report

Serial-Model: 2501DHT-DHT  
 Source / Verifier: /  
 Master Calibration Performed: Thu May 24 05:04:22 2012

#### Master Calibration

	Density	Far Detector	Near Detector
Magnesium	1.750 g/cc	744.27	293.58 cps
Aluminum	2.680 g/cc	138.48	189.15 cps
Spine Angle = 75.35		Density/Spine Ratio = 0.535	
Size		Reading	
Small Ring	8.05 in	6064.22	
Large Ring	14.00 in	10296.80	

#### Gamma Ray Calibration Report

Serial Number: 2001  
 Tool Model: OH  
 Performed: Thu May 24 05:04:30 2012  
 Calibrator Value: 1.0 GAPI  
 Background Reading: 0.0 cps  
 Calibrator Reading: 1.0 cps  
 Sensitivity: 0.2300 GAPI/cps

#### Neutron Calibration Report

Serial Number: 5108  
 Tool Model: FR3  
 Performed: Fri Apr 20 16:12:38 2012  
 Calibrator Value: 1 NAPI  
 Calibrator Reading: 1 cps  
 Sensitivity: 1 NAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
NEU	37.85	[Schematic Diagram]	None	0.75	1.50	5.00
			NEU-PROBE (5108) Probe	4.92	3.63	85.00
GR	32.32		GR-OH (2001) 2001	3.56	3.25	40.00
LSD	23.78					
DCAL	23.49					
SSD	23.24					
HEADVOLT	21.47					
CILD	10.80					
SP	10.80					
CILM	6.89					
RLL3	1.70					

Dataset: jojschwein#1oh.db: field/well/run1/pass1  
 Total Length: 40.39 ft  
 Total Weight: 676.00 lb  
 O.D.: 4.00 in