Company STELBAR OIL CORP. INC.
Well STELBAR 1-12
Field DE NOVA
County WASHINGTON State COLORADO

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Pioneer Energy Services

CEMENT BOND LOG WITH GAMMA RAY

Company **STELBAR OIL CORP. INC.**
Well **STELBAR 1-12**
Field **DE NOVA**
County **WASHINGTON** State **COLORADO**

Location: API # : 05121098020000
SEC 12 TWP 2S RGE 49W

Other Services
NONE

Permanent Datum GL Elevation 4332'
Log Measured From KB 7'
Drilling Measured From KB

Elevation
K.B. 4339'
D.F. 4338'
G.L. 4332'

Date of Service	7-29-15		
Run Number	ONE		
Depth Driller or PBTD	2882'		
Depth Logger	1000'		
Bottom Log Interval	1000'		
Top Log Interval	SURFACE		
Open Hole Size	N/A		
Type Fluid	FSW		
Fluid Level	SURFACE		
Fluid Density	N/A		
Max. Recorded Temperature	N/A		
Max. Wellhead Pressure	N/A		
Wellhead Connection	N/A		
Estimated Cement Top	SEE LOG		
Unit Number	P-75		
Wireline Size	9/32"		
Location	FORT MORGAN		
Recorded By	C BURNS	W DOLPH	
Witnessed By	MR. DILKA		

	Size	Wt/Ft	Top	Bottom
Tubing Record				
Surface Casing	4.5"	10.5#		
Production Casing				
Liner Record				

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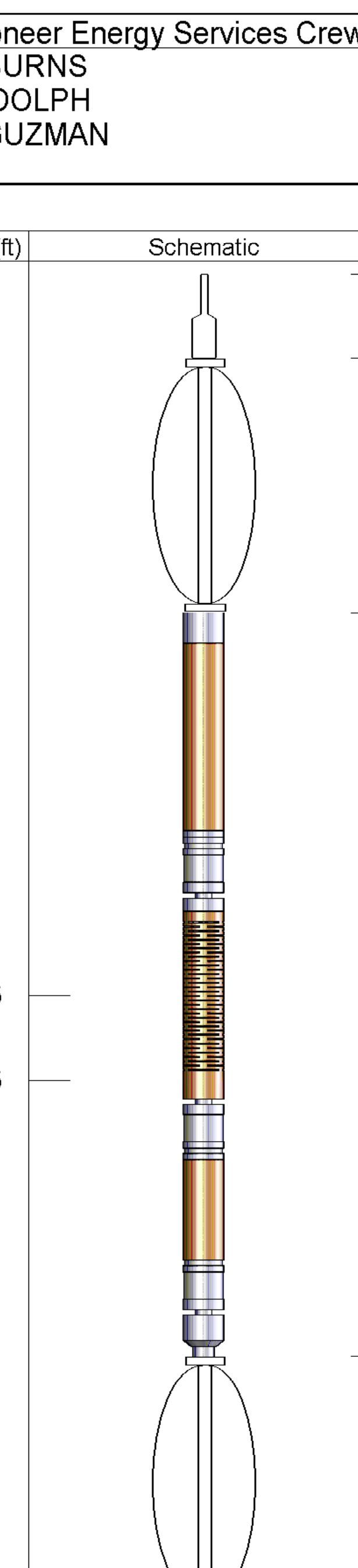
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

Comments
N/A DENOTES NOT AVAILABLE OR NON-APPLICABLE.

THANK YOU FOR USING PIONEER Energy SERVICES

Your Pioneer Energy Services Crew	Tool Data - Services	Serial Number
Engineer: C BURNS Operator: W DOLPH Operator: B GUZMAN Operator:	CBL CCL GAMMA RAY	

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STNDRD Standard Cable Head	1.00	1.69	10.00
			SDSCENT Centralizer for testing	3.00	3.25	20.00
WVF3 WVF5	11.75 10.75		CBL-Probe (050215) Probe 2.75" Dual Receiver Bond	8.75	2.75	60.00
			SDSCENT Centralizer for testing	3.00	3.25	20.00
CCL GR	3.75 2.67		GR-Probe (11205) Probe 2.75" 4 Channel Pulse	4.50	2.75	30.00

Dataset: stelbar_1-12_7292015_rbt.db: field/well/run1/pass10
Total Length: 20.25 ft
Total Weight: 140.00 lb
O.D.: 3.25 in

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MAIN LOG

0 PSI APPLIED AT SURFACE

Database File: stelbar_1-12_7292015_rbt.db
Dataset Pathname: pass10.2
Presentation Format: cbl_dr
Dataset Creation: Wed Jul 29 16:30:55 2015 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240

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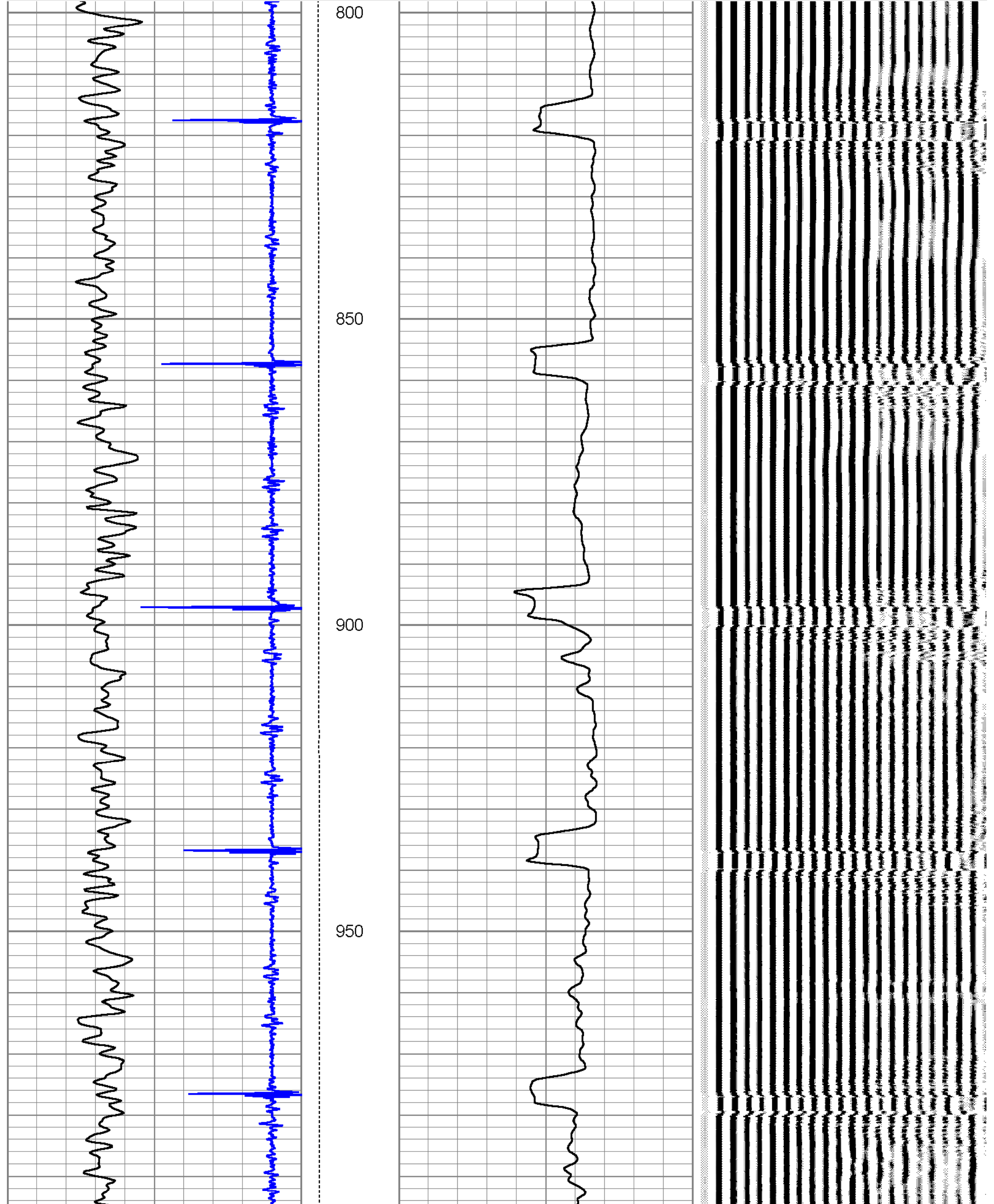
REPEAT LOG

0 PSI APPLIED AT SURFACE

Database File: stelbar_1-12_7292015_rbt.db
Dataset Pathname: pass8.1
Presentation Format: cbl_dr
Dataset Creation: Wed Jul 29 16:33:06 2015 by Calc 7.0 B1
Charted by: Depth in Feet scaled 1:240



Calibration Report

Database File: stelbar_1-12_7292015_rbt.db
Dataset Pathname: pass10
Dataset Creation: Wed Jul 29 16:05:23 2015 by Log 7.0 B1

Gamma Ray Calibration Report

Serial Number:	11205	
Tool Model:	Probe	
Performed:	Wed Jul 29 14:27:36 2015	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	050215		
Tool Model:	Probe		
Performed:	Wed Jul 29 15:56:18 2015		
Depth:	414.9	ft	
Casing Diameter:	4.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	1	0.4	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	0.0110352	0.0198486	V
Reading in Free Pipe:	1.7084	2.31189	V
Gain:	47.2475	35.2507	
Offset:	0.478617	-0.299679	

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