





1139742

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

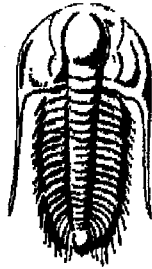
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Stelbar Oil Corporation, Inc.
Well Name	Bird 1-7
Doc ID	1139742

All Electric Logs Run

Compensated Sonic w/Integrated Transit Time
Compact Photo Density Compensated Neutron Microresistivity Log
Array Induction Shallow Focused Electric Log
Microresistivity Log



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N. Waterfront Pkwy  
#200  
Wichita, KS 67206

ATTN: Dave Goldak

### **Bird #1-7**

#### **S7-29s-41w Stanton, KS**

Start Date: 2013.04.14 @ 18:51:00

End Date: 2013.04.15 @ 02:24:39

Job Ticket #: 51734                      DST #: 1

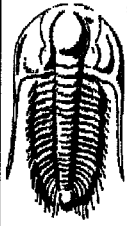
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.04.23 @ 08:48:36

Stelbar Oil Corp. S7-29s-41w Stanton, KS Bird #1-7 DST # 1 Lower Morrow 2013.04.14



**TRILOBITE**  
TESTING, INC.

# DRILL STEM TEST REPORT

Stelbar Oil Corp.  
1625 N. Waterfront Pkwy  
#200  
Wichita, KS 67206  
ATTN: Dave Goldak

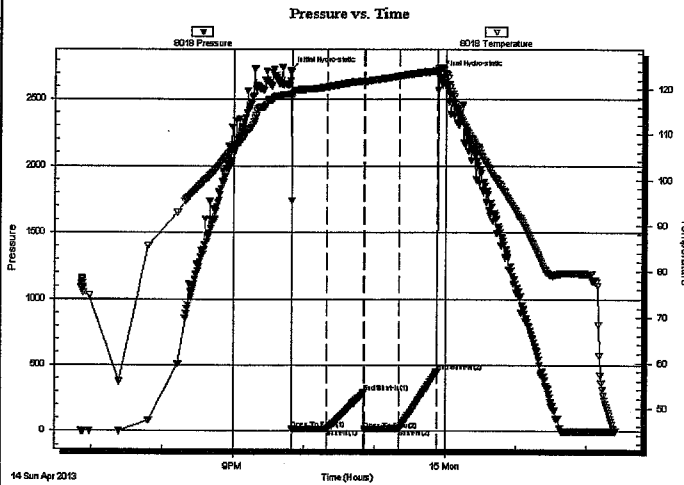
**S7-29s-41w Stanton, KS**  
**Bird #1-7**  
Job Ticket: 51734      DST#: 1  
Test Start: 2013.04.14 @ 18:51:00

## GENERAL INFORMATION:

Formation: **Lower Morrow**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 21:49:40  
Time Test Ended: 02:24:39  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Chuck Smith  
Unit No: 62  
Interval: **5336.00 ft (KB) To 5352.00 ft (KB) (TVD)**  
Total Depth: 5352.00 ft (KB) (TVD)  
Reference Elevations: 3435.00 ft (KB)  
3422.00 ft (CF)  
Hole Diameter: 7.88 inches Hole Condition: Good  
KB to GR/CF: 13.00 ft

**Serial #: 8018**      **Inside**  
Press@RunDepth: 18.29 psig @ 5339.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.04.14      End Date: 2013.04.15      Last Calib.: 2013.04.15  
Start Time: 18:51:02      End Time: 02:24:40      Time On Btm: 2013.04.14 @ 21:48:00  
Time Off Btm: 2013.04.14 @ 23:53:50

**TEST COMMENT:** 4 1/2" Blow.  
No return.  
5" Immediate blow built to 11".  
No return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2721.84	118.90	Initial Hydro-static
2	16.24	118.09	Open To Flow (1)
32	19.38	120.51	Shut-In (1)
63	295.57	121.90	End Shut-In (1)
63	11.08	121.70	Open To Flow (2)
93	18.29	122.92	Shut-In (2)
125	448.77	124.10	End Shut-In (2)
126	2696.79	124.72	Final Hydro-static

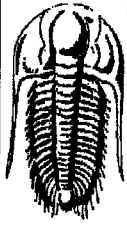
## Recovery

Length (ft)	Description	Volume (bbl)
30.00	M 100m	0.15

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stelbar Oil Corp.

**S7-29s-41w Stanton, KS**

1625 N. Waterfront Pkwy  
#200  
Wichita, KS 67206  
ATTN: Dave Goldak

**Bird #1-7**

Job Ticket: 51734

**DST#: 1**

Test Start: 2013.04.14 @ 18:51:00

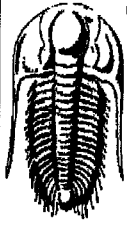
### Tool Information

Drill Pipe:	Length: 5027.00 ft	Diameter: 3.80 inches	Volume: 70.52 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 72.00 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.50 ft			String Weight: Initial 85000.00 lb
Depth to Top Packer:	5336.00 ft			Final 85000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	45.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5307.50	
Shut In Tool	5.00			5312.50	
Sampler	2.00			5314.50	
Hydraulic tool	5.00			5319.50	
Jars	5.00			5324.50	
Safety Joint	2.50			5327.00	
Packer	5.00			5332.00	29.50 Bottom Of Top Packer
Packer	4.00			5336.00	
Stubb	1.00			5337.00	
Perforations	2.00			5339.00	
Recorder	0.00	8018	Inside	5339.00	
Recorder	0.00	6751	Outside	5339.00	
Perforations	10.00			5349.00	
Bullnose	3.00			5352.00	16.00 Bottom Packers & Anchor

**Total Tool Length: 45.50**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stelbar Oil Corp.

**S7-29s-41w Stanton, KS**

1625 N. Waterfront Pkwy

**Bird #1-7**

#200

Job Ticket: 51734

**DST#: 1**

Wichita, KS 67206

Test Start: 2013.04.14 @ 18:51:00

ATTN: Dave Goldak

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1800.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	M 100m	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler 240 psi 2000ml mud



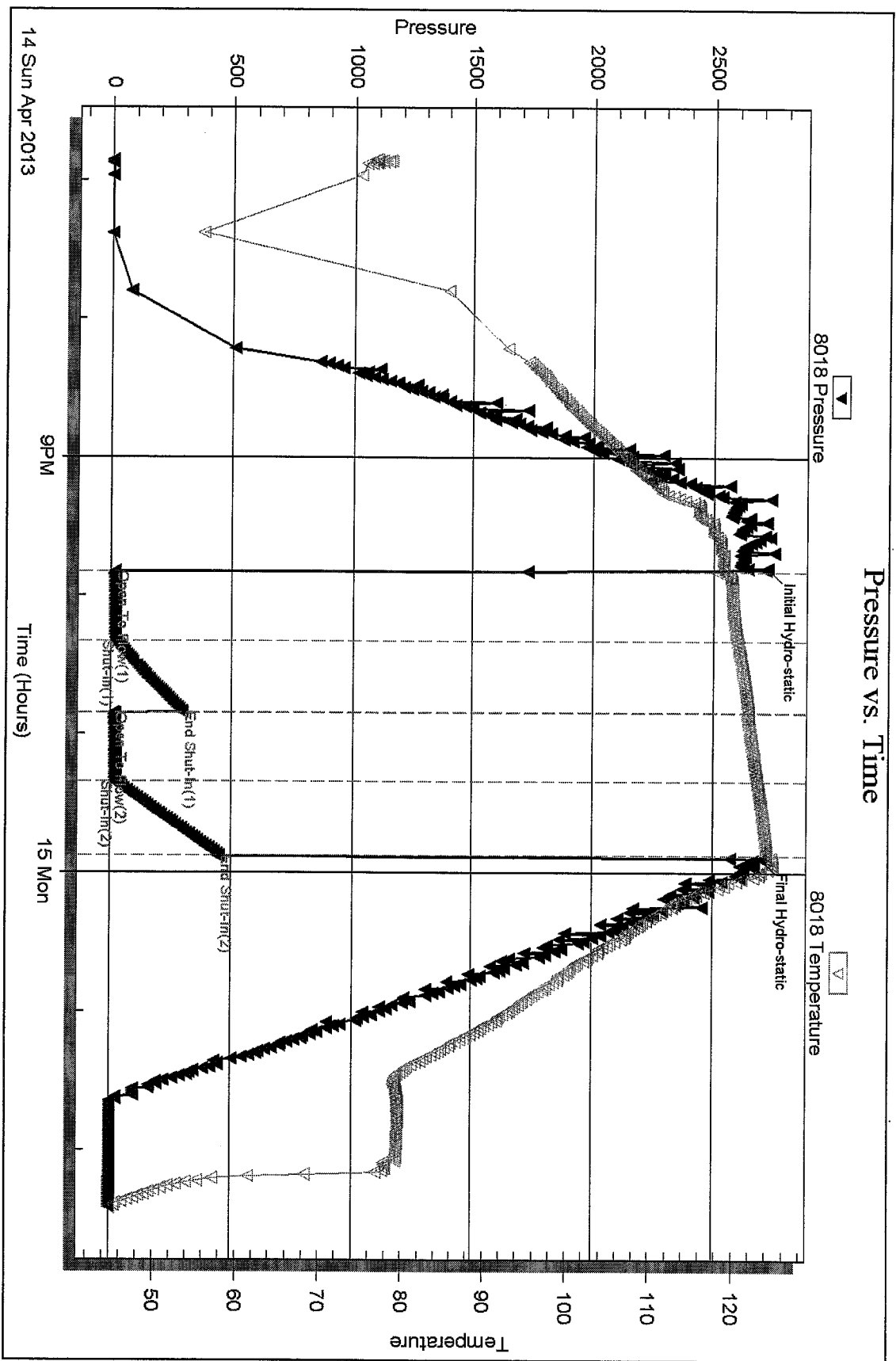
Serial #: 8018

Inside

Stelbar Oil Corp.

Bird #1-7

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 51734

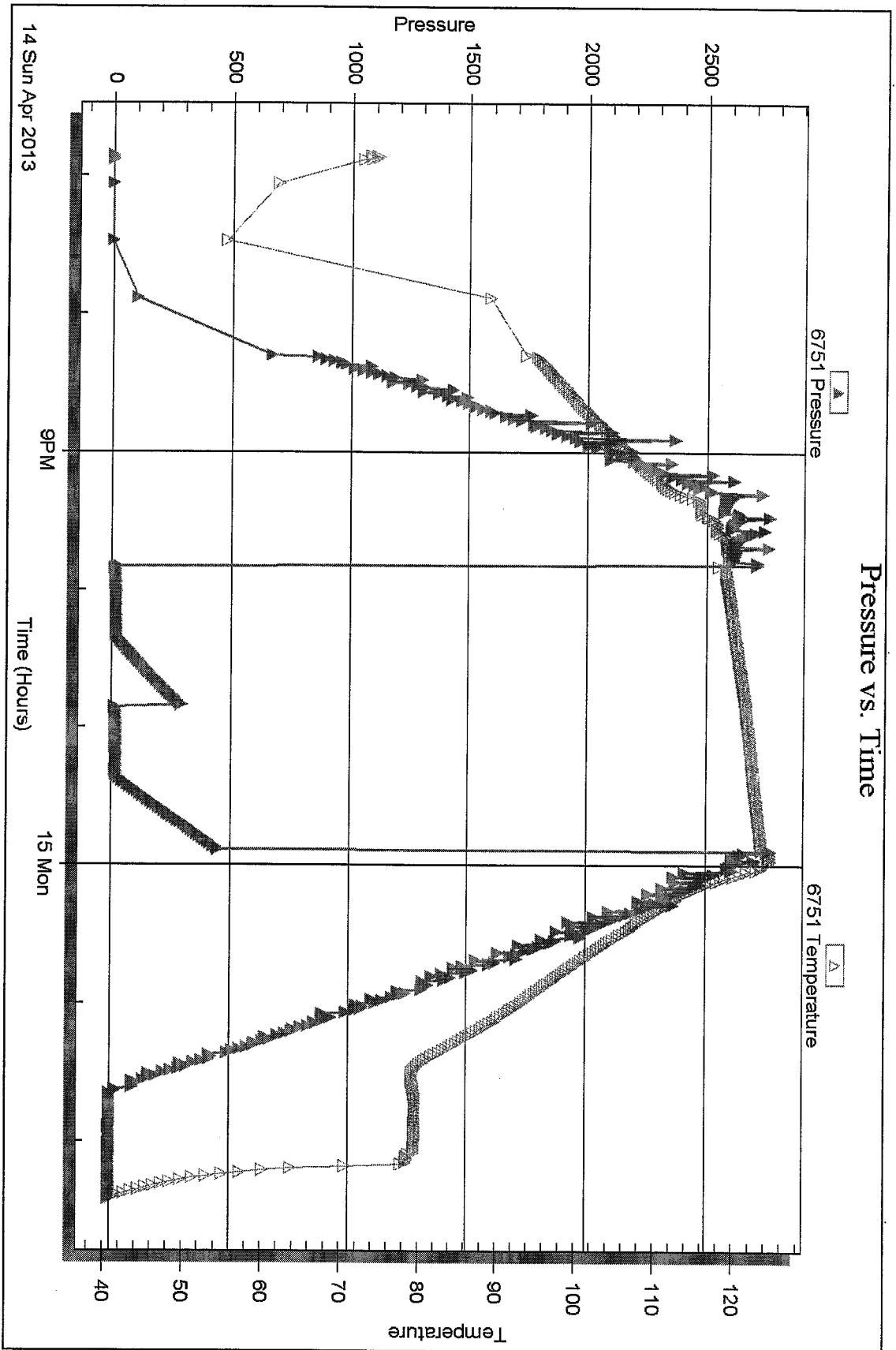
Printed: 2013.04.23 @ 08:48:39

Serial #: 6751

Outside Stelbar Oil Corp.

Bird #1-7

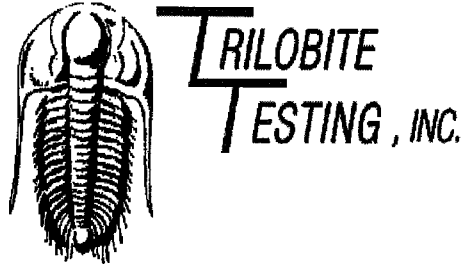
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 51734

Printed: 2013.04.23 @ 08:48:40



## DRILL STEM TEST REPORT

Prepared For: **Stelbar Oil Corp.**

1625 N. Waterfront Pkwy  
#200  
Wichita, KS 67206

ATTN: Dave Goldak

### **Bird #1-7**

### **S7-29s-41w Stanton, KS**

Start Date: 2013.04.15 @ 12:24:00

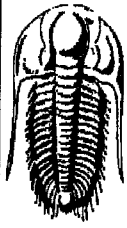
End Date: 2013.04.15 @ 19:51:50

Job Ticket #: 51735                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.04.23 @ 08:47:48

Stelbar Oil Corp. S7-29s-41w Stanton, KS Bird #1-7 DST # 2 Upper Keyes Sand 2013.04.15



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Stelbar Oil Corp.  
 1625 N. Waterfront Pkwy  
 #200  
 Wichita, KS 67206  
 ATTN: Dave Goldak

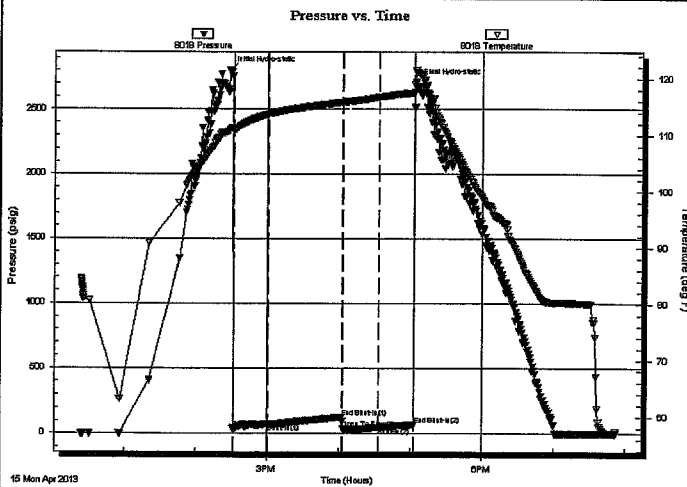
**S7-29s-41w Stanton, KS**  
**Bird #1-7**  
 Job Ticket: 51735      **DST#: 2**  
 Test Start: 2013.04.15 @ 12:24:00

## GENERAL INFORMATION:

Formation: **Upper Keyes Sand**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:30:50  
 Time Test Ended: 19:51:50  
 Interval: **5346.00 ft (KB) To 5438.00 ft (KB) (TVD)**  
 Total Depth: 5438.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Chuck Smith  
 Unit No: 62  
 Reference Elevations: 3435.00 ft (KB)  
 3422.00 ft (CF)  
 KB to GR/CF: 13.00 ft

**Serial #: 8018**      **Inside**  
 Press@RunDepth: 48.65 psig @ 5350.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2013.04.15      End Date: 2013.04.15      Last Calib.: 2013.04.15  
 Start Time: 12:24:02      End Time: 19:51:49      Time On Btm: 2013.04.15 @ 14:28:20  
 Time Off Btm: 2013.04.15 @ 17:04:09

**TEST COMMENT:** 1" Blow.  
 No return.  
 2" Blow.  
 No return.      Tool seems to have plugged about 16:19.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2803.07	111.05	Initial Hydro-static
3	36.54	110.76	Open To Flow (1)
32	78.54	113.74	Shut-In(1)
94	128.99	115.86	End Shut-In(1)
95	37.75	115.82	Open To Flow (2)
125	48.65	116.77	Shut-In(2)
155	68.88	117.59	End Shut-In(2)
156	2711.03	121.57	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	M 100m	0.07

\* Recovery from multiple tests

## Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stelbar Oil Corp.  
1625 N. Waterfront Pkwy  
#200  
Wichita, KS 67206  
ATTN: Dave Goldak

**S7-29s-41w Stanton, KS**

**Bird #1-7**

Job Ticket: 51735

**DST#: 2**

Test Start: 2013.04.15 @ 12:24:00

### Tool Information

Drill Pipe:	Length: 5033.00 ft	Diameter: 3.80 inches	Volume: 70.60 bbl	Tool Weight: 2300.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 300.00 ft	Diameter: 2.25 inches	Volume: 1.48 bbl	Weight to Pull Loose: 100000.0 lb
			<u>Total Volume: 72.08 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.50 ft			String Weight: Initial 88000.00 lb
Depth to Top Packer:	5346.00 ft			Final 88000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	92.00 ft			
Tool Length:	121.50 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			5317.50	
Shut In Tool	5.00			5322.50	
Sampler	2.00			5324.50	
Hydraulic tool	5.00			5329.50	
Jars	5.00			5334.50	
Safety Joint	2.50			5337.00	
Packer	5.00			5342.00	29.50 Bottom Of Top Packer
Packer	4.00			5346.00	
Stubb	1.00			5347.00	
Perforations	3.00			5350.00	
Recorder	0.00	8018	Inside	5350.00	
Recorder	0.00	6751	Outside	5350.00	
Perforations	20.00			5370.00	
Change Over Sub	1.00			5371.00	
Drill Pipe	63.00			5434.00	
Change Over Sub	1.00			5435.00	
Bullnose	3.00			5438.00	92.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>121.50</b>				



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Stelbar Oil Corp.

**S7-29s-41w Stanton, KS**

1625 N. Waterfront Pkwy  
#200  
Wichita, KS 67206  
ATTN: Dave Goldak

**Bird #1-7**

Job Ticket: 51735

**DST#: 2**

Test Start: 2013.04.15 @ 12:24:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	M 100m	0.074

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler 15psi 2000ml mud

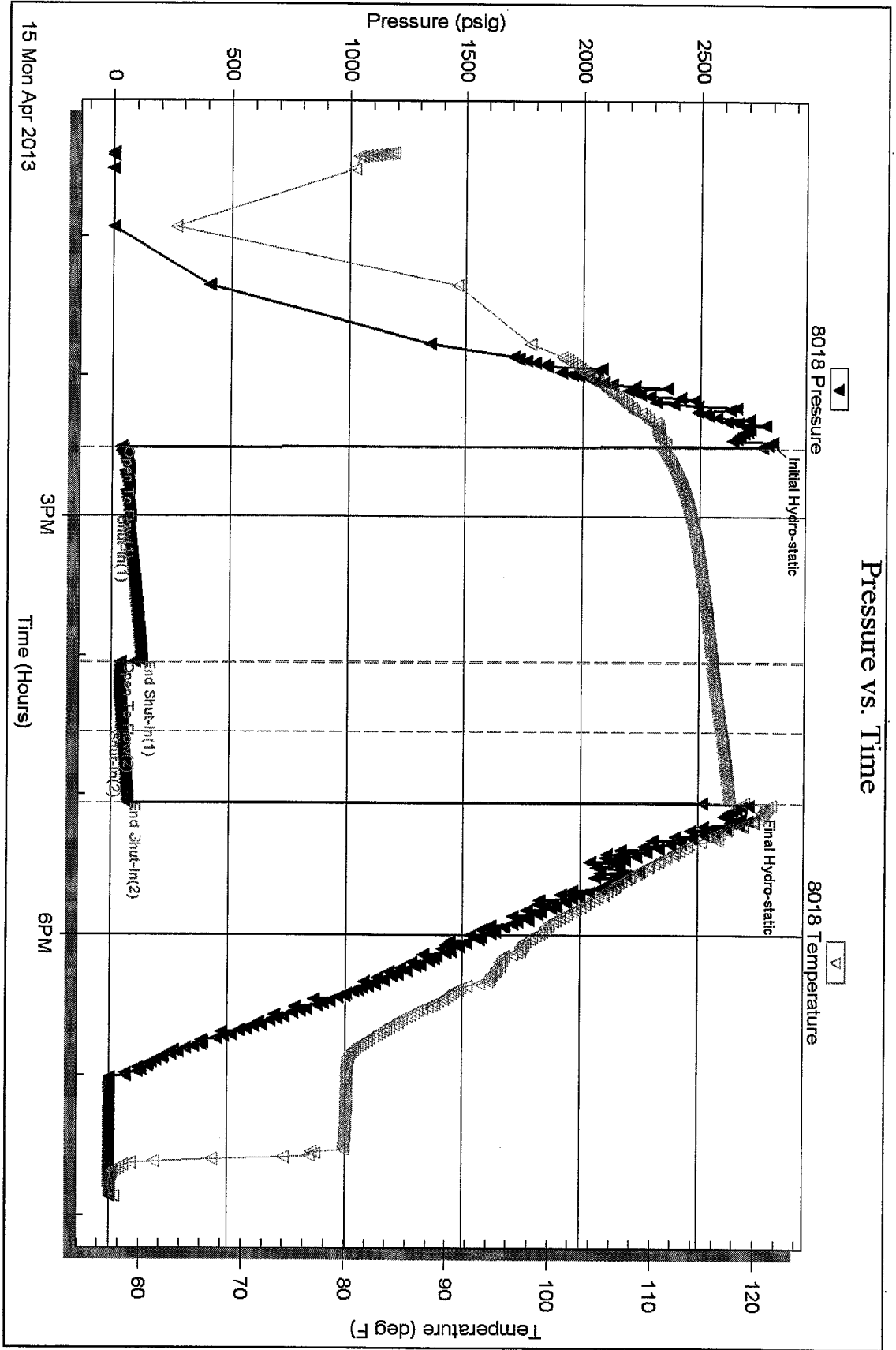
Serial #: 8018

Inside

Stelbar Oil Corp.

Bld #4-7

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 51735

Printed: 2013.04.23 @ 08:47:51

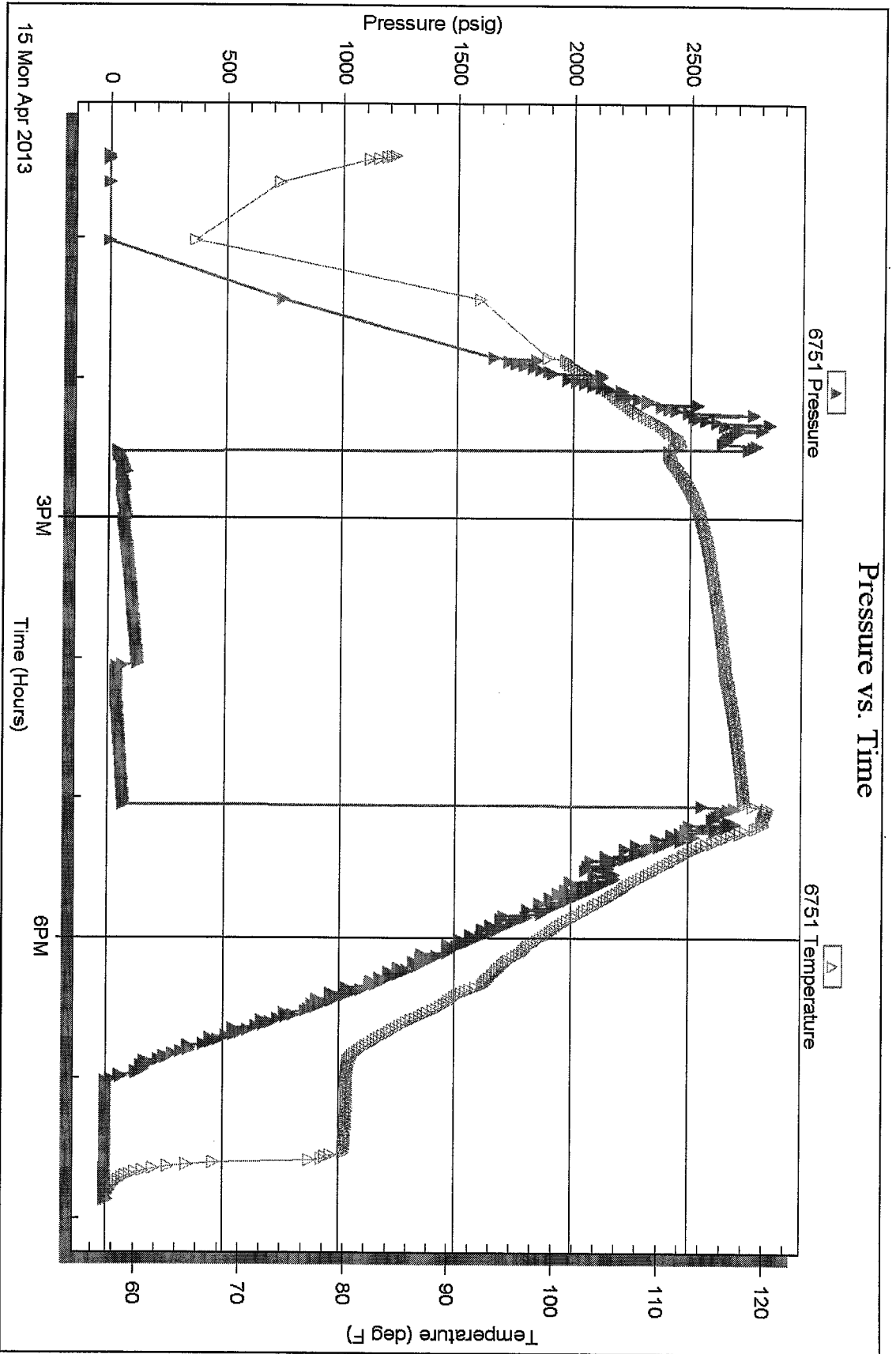


Serial #: 6751

Outside Stellar Oil Corp.

Blrd #1-7

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 51735

Printed: 2013.04.23 @ 08:47:51



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 51734

4/10

Well Name & No.	<u>Bird #1-7</u>	Test No.	<u>1</u>	Date	<u>4-14-13</u>
Company	<u>Stelbac Oil Corp.</u>	Elevation	<u>3435</u>	KB	<u>3422</u> GL
Address	<u>1625 N. Waterfront Pkwy. #200 Wichita, KS 67206</u>				
Co. Rep / Geo.	<u>Dave Goldak</u>	Rig	<u>Sterling #5</u>		
Location: Sec.	<u>7</u>	Twp.	<u>29s</u>	Rge.	<u>4W</u>
		Co.	<u>Stanton</u>	State	<u>KS</u>

Interval Tested	<u>5336-5352</u>	Zone Tested	<u>Lower Morrow</u>
Anchor Length	<u>16</u>	Drill Pipe Run	<u>5027</u>
Top Packer Depth	<u>5332</u>	Drill Collars Run	<u>300</u>
Bottom Packer Depth	<u>5336</u>	Wt. Pipe Run	<u>0</u>
Total Depth	<u>5352</u>	Chlorides	<u>1800</u> ppm System
Blow Description	<u>4 1/2" Blow.</u>		
	<u>No return.</u>		
	<u>5' Immediate blow built to 11".</u>		
	<u>No return.</u>		

Rec	Feet of	%gas	%oil	%water	%mud
Rec <u>30</u>	Feet of <u>M</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total	<u>30</u>	BHT	<u>124</u>	Gravity	<u>—</u>	API RW	<u>@</u>	°F Chlorides	<u>—</u>	ppm
(A) Initial Hydrostatic	<u>2722</u>	<input checked="" type="checkbox"/> Test	<u>1350</u>	T-On Location	<u>18:15</u>					
(B) First Initial Flow	<u>16</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>18:51</u>					
(C) First Final Flow	<u>19</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>21:50</u>					
(D) Initial Shut-In	<u>296</u>	<input checked="" type="checkbox"/> Circ Sub	<u>NIC</u>	T-Pulled	<u>23:53</u>					
(E) Second Initial Flow	<u>11</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>2:25</u>					
(F) Second Final Flow	<u>18</u>	<input checked="" type="checkbox"/> Mileage	<u>233 RT</u>	361.15	Comments					
(G) Final Shut-In	<u>449</u>	<input checked="" type="checkbox"/> Sampler	<u>250</u>							
(H) Final Hydrostatic	<u>2697</u>	<input type="checkbox"/> Straddle								
Initial Oper	<u>30</u>	<input type="checkbox"/> Shale Packer								
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Packer								
Final Flow	<u>30</u>	<input type="checkbox"/> Extra Recorder								
Final Shut-In	<u>30</u>	<input type="checkbox"/> Day Standby								
		<input type="checkbox"/> Accessibility								
Sub Total	<u>2286.15</u>		MP/DST Disc't							

Approved By D. Goldak Our Representative Chuck Smith

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test. Tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 51734 Date 4-14-13  
 Company Name Stelbar Oil Corp  
 Lease Bird #1-7 Test No. 1  
 County Stanton, Ks Sec. 7 Twp. 29 Rng. 41

### SAMPLER RECOVERY

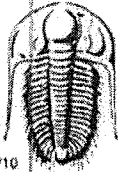
### PIT MUD ANALYSIS

Gas	_____ ML	Chlorides	_____ ppm.
Oil	_____ ML	Resistivity	_____ ohms @ _____ F
Mud	<u>2000</u> ML	Viscosity	<u>50</u>
Water	_____ ML	Mud Weight	<u>9.1</u>
Other	_____ ML	Filtrate	<u>8.4</u>
Pressure	<u>240 PSI</u>	Other	<u>8<sup>z</sup> LCM</u>
Total	<u>2000</u> ML		

### SAMPLER ANALYSIS

### PIPE RECOVERY

Resistivity	_____ ohms @ _____ F	<b>TOP</b>	
Chlorides	<u>1800</u> ppm.	Resistivity	_____ ohms @ _____ F
		Chlorides	_____ ppm.
Gravity	_____ corrected @60F	<b>MIDDLE</b>	
		Resistivity	_____ ohms @ _____ F
		Chlorides	_____ ppm.
		<b>BOTTOM</b>	
		Resistivity	_____ ohms @ _____ F
		Chlorides	_____ ppm.



# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 51735

Well Name & No. Bird #1-7 Test No. 2 Date 4-15-13  
 Company Stelbar Oil Corp. Elevation 3435 KB 3422 GL  
 Address 1625 N. Waterfront Pkwy. #200 Wichita, KS 67206  
 Co. Rep / Geo. Dave Goldak Rig Sterling #5  
 Location: Sec. 7 Twp. 29s Rge. 4W Co. Stanton State KS

Interval Tested 5346 - 5438 Zone Tested Upper Keyes Sand  
 Anchor Length 92 Drill Pipe Run 5033 Mud Wt. 9.2  
 Top Packer Depth 5342 Drill Collars Run 300 Vis 55  
 Bottom Packer Depth 5346 Wt. Pipe Run 0 WL 8.4  
 Total Depth 5438 Chlorides 2600 ppm System LCM 8"

Blow Description 1" Blow.  
No return.  
2" Blow. Tool seems to have plugged @ 16:19  
No return.

Rec	Feet of	%gas	%oil	%water	%mud
15	m			100	

Rec Total 15 BHT 118 Gravity — API RW @ °F Chlorides — ppm

(A) Initial Hydrostatic <u>2803</u>	<input checked="" type="checkbox"/> Test <u>1350</u>	T-On Location <u>12:15</u>
(B) First Initial Flow <u>37</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>12:24</u>
(C) First Final Flow <u>79</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>14:31</u>
(D) Initial Shut-In <u>129</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>17:03</u>
(E) Second Initial Flow <u>38</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>19:52</u>
(F) Second Final Flow <u>49</u>	<input checked="" type="checkbox"/> Mileage <u>361.15</u>	Comments
(G) Final Shut-In <u>69</u>	<input checked="" type="checkbox"/> Sampler <u>250</u>	
(H) Final Hydrostatic <u>2711</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>2286.15</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>2286.15</u>	

Approved By [Signature] Our Representative Chuck Smith

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements of opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING, INC.

P.O. Box 362 • Hays, Kansas 67601

## FLUID SAMPLER DATA

Ticket No. 51735 Date 4-15-13  
 Company Name Stelbar Oil Corp.  
 Lease Bird #1-7 Test No. 2  
 County Stanton, KS Sec. 7 Twp. 29s Rng. 4W

### SAMPLER RECOVERY

Gas \_\_\_\_\_ ML  
 Oil \_\_\_\_\_ ML  
 Mud 2000 ML  
 Water \_\_\_\_\_ ML  
 Other \_\_\_\_\_ ML  
 Pressure 15 PSI ML  
 Total 2000 ML

### PIT MUD ANALYSIS

Chlorides 2600 ppm.  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Viscosity 9.255  
 Mud Weight 9.2  
 Filtrate 8.4  
 Other 8<sup>±</sup> LCM

### SAMPLER ANALYSIS

Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides 2600 ppm.  
 Gravity - corrected @60F

### PIPE RECOVERY

**TOP**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
**MIDDLE**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.  
**BOTTOM**  
 Resistivity \_\_\_\_\_ ohms @ \_\_\_\_\_ F  
 Chlorides \_\_\_\_\_ ppm.



PAGE 1 of 1	CUST NO 1003965	INVOICE DATE 04/18/2013
INVOICE NUMBER <b>1717 - 91168172</b>		

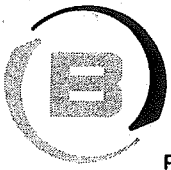
**Liberal** (620) 624-2277  
 B STELBAR OIL CORPORATION INC  
 I 1625 N WATERFRONT PKWY STE 200  
 L WICHITA  
 L KS US 67206  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Bird #1-7  
 O LOCATION  
 B COUNTY Stanton  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40586547	27462		Net - 30 days	05/18/2013

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 04/17/2013 to 04/17/2013</b>				
0040586547				
171704107A Cement-New Well Casing/Pi 04/17/2013 PTA				
60/40 POZ	160.00	EA	9.60	1,536.00 T
Cement Gel	276.00	EA	0.20	55.20 T
Heavy Equipment Mileage	150.00	MI	5.60	840.00
Blending & Mixing Service Charge	160.00	BAG	1.12	179.20
"Proppant & Bulk Del. Chgs., per ton mil	517.50	EA	1.28	662.40
Depth Charge; 1001'-2000'	1.00	EA	1,200.00	1,200.00
"Unit Mileage Chg (PU, cars one way)"	75.00	MI	3.40	255.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	140.00	140.00

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	4,867.80
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	116.16
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	4,983.96
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.  
Liberal, Kansas 67905  
Phone 620-624-2277

FIELD SERVICE TICKET  
1717 04107 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <b>4-17-13</b> DISTRICT <b>1717</b>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <b>Stelbar</b>		LEASE <b>Bird #17</b> WELL NO.:							
ADDRESS		COUNTY <b>Stanton</b> STATE <b>Ks</b>							
CITY STATE		SERVICE CREW <b>J Grijalva, J Garcia</b>							
AUTHORIZED BY <b>J Bennett JRB</b>		JOB TYPE: <b>242-PTA</b>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<b>34726</b>	<b>3</b>						<b>4-17-13</b>	<input checked="" type="checkbox"/>	<b>5:00</b>
<b>27462</b>	<b>3</b>					ARRIVED AT JOB		<input checked="" type="checkbox"/>	<b>9:00</b>
<b>34354</b>	<b>3</b>					START OPERATION		<input checked="" type="checkbox"/>	<b>11:00</b>
<b>19578</b>	<b>5</b>					FINISH OPERATION		<input checked="" type="checkbox"/>	<b>1:00</b>
						RELEASED		<input checked="" type="checkbox"/>	<b>2:00</b>
						MILES FROM STATION TO WELL	<b>75 mi</b>		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Alan Lopez  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT	
<b>C1103</b>	<b>60/40 Poz</b>	<input checked="" type="checkbox"/> sb	<b>1620</b>		<b>1920 00</b>	
<b>CC200</b>	<b>Cement Grd</b>	<input checked="" type="checkbox"/> lb	<b>2760</b>		<b>69 00</b>	
<b>E101</b>	<b>Heavy Equipment Mileage</b>	mi	<b>150</b>		<b>1050 00</b>	
<b>CE240</b>	<b>Blending &amp; Mixity Service</b>	sq	<b>60</b>		<b>224 00</b>	
<b>E113</b>	<b>Proppant &amp; Bulk Delivery</b>	ton	<b>518</b>		<b>828 00</b>	
<b>CE202</b>	<b>Pump Depth: 1001-2000'</b>	hr	<b>1</b>		<b>1500 00</b>	
<b>E100</b>	<b>Unit Mileage</b>	mi	<b>75</b>		<b>318 75</b>	
<b>S003</b>	<b>Service Supervisor</b>	en	<b>1</b>		<b>175 00</b>	
					<b>SUB TOTAL</b>	<b>4867.80</b>

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
<b>TOTAL</b>	

SERVICE REPRESENTATIVE <u>Alan Lopez</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Alan Lopez</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	

Customer	Steel bar	Lease No.		Date	4-17-13
Lease	Bird #	Well #	F-7	Service Receipt	04107
Casing	Depth	County	Stanton	State	KS
Job Type	242-PTA	Formation		Legal Description	7-29-41

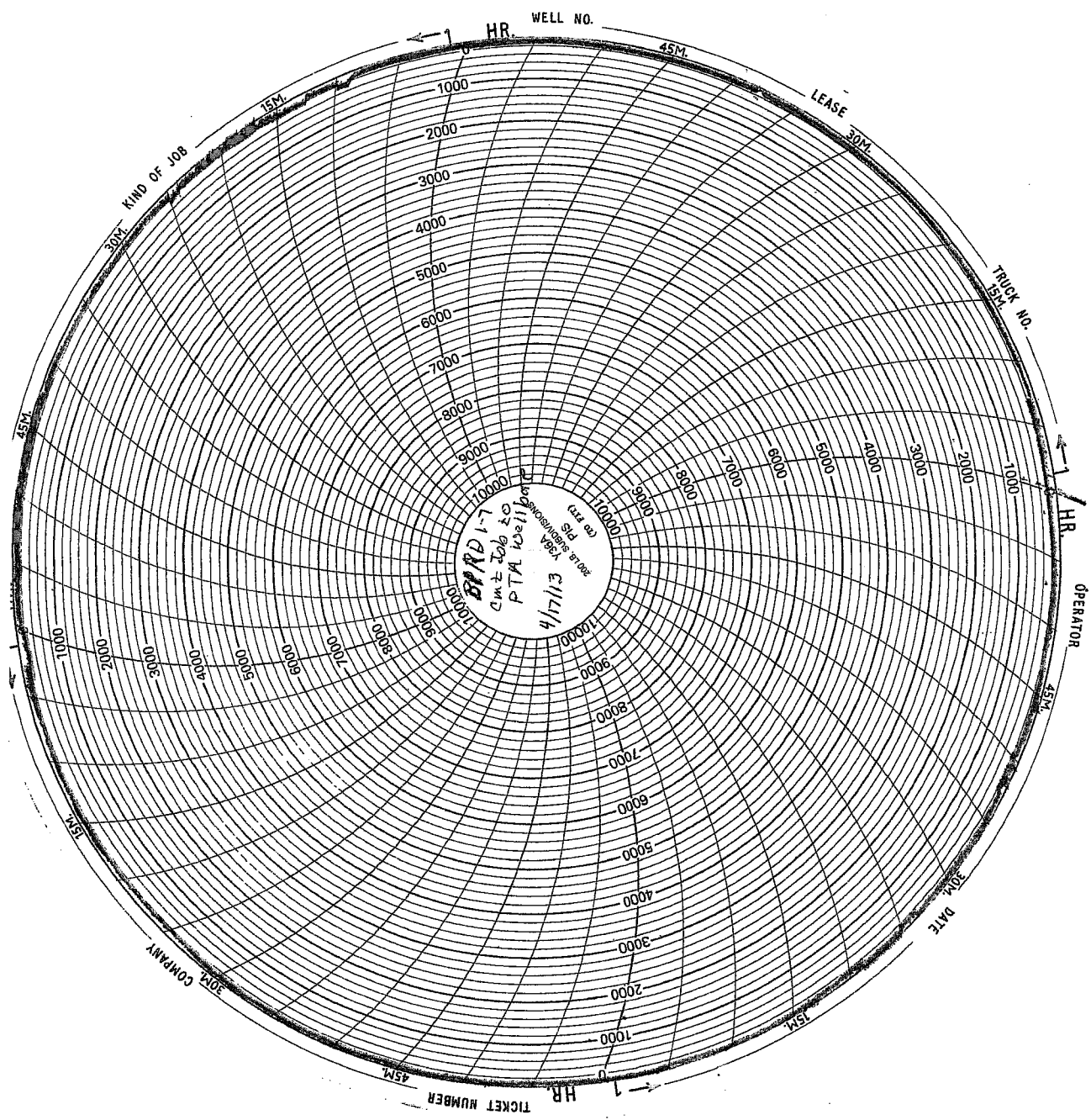
Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size	Shots/Ft		Lead
Depth	Depth	From	To	Tail in
Volume	Volume	From	To	
Max Press	Max Press	From	To	
Well Connection	Annulus Vol.	From	To	
Plug Depth	Packer Depth	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
9:00					on loc-site assessment
9:05					spot trucks rig up
					safety meeting / ISA
					pressure test 2000#
11:00					circ @ 1650'
11:00	100		13.3	3	mix o pump 50 sk 60/40 poz
					@ 13.5 pps - 1.50 ft <sup>3</sup> /sk
11:05	100		20	3	disp balanced plug
11:40					circ @ 690'
11:45	100		10.6	3	mix o pump 40 sk
11:45	100		6.5	3	disp balanced plug
12:15					circ @ 60'
12:20	100		5.3	3	mix o pump 20 sk
12:25					erc cont to surface
12:45			8	2	plug rat hole w/ 30 sk
1:15			5.3	2	plug mouse hole w/ 20 sk
					job complete

Service Units	34720	27462	14354-19578		
Driver Names	A Overa	T Gryn	T Guerra		

Allen Customer Representative     
 T Bennett Station Manager     
 A Overa Cementer





WELL NO.

LEASE

TRUCK No.

OPERATOR

DATE

TICKET NUMBER

KIND OF JOB

WAD-1-7  
Cm + Job to  
PTA Well  
4/17/13  
PTA Well

1000  
2000  
3000  
4000  
5000  
6000  
7000  
8000  
9000  
10000

100000  
10000  
9000  
8000  
7000  
6000  
5000  
4000  
3000  
2000  
1000

10000  
9000  
8000  
7000  
6000  
5000  
4000  
3000  
2000  
1000

30M COMPANY



PAGE 1 of 1	CUST NO 003965	INVOICE DATE 04/11/2013
INVOICE NUMBER <b>1717 - 91163450</b>		

**Liberal** (620) 624-2277  
 B STELBAR OIL CORPORATION INC  
 I 1625 N WATERFRONT PKWY STE 200  
 L WICHITA  
 L KS US 67206  
 T  
 O **ATTN:** ACCOUNTS PAYABLE

J **LEASE NAME** Bird #1-7  
 O **LOCATION**  
 B **COUNTY** Stanton  
 S **STATE** KS  
 I **JOB DESCRIPTION** Cement-New Well Casing/Pi  
 T **JOB CONTACT**  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40584437	19842		Net - 30 days	05/11/2013

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 04/10/2013 to 04/10/2013</b>				
0040584437				
171704135A Cement-New Well Casing/Pi 04/10/2013 8 5/8" Surface				
A-Con' Blend	400.00	EA	12.18	4,872.98 T
Premium Plus Cement	200.00	EA	10.68	2,135.21 T
Calcium Chloride	1,504.00	EA	0.69	1,034.33 T
Celloflake	151.00	EA	2.42	365.93 T
C-51	76.00	EA	16.37	1,244.45 T
"Guide Shoe - Regular, 8 5/8" (Blue)"	1.00	EA	248.89	248.89
"Flapper Ins. Fit. Vlv., 8 5/8" (Blue)	1.00	EA	183.39	183.39
"Cmt Basket, Canvas 8 5/8"	1.00	EA	687.72	687.72
Antelope Strd Bow Cent. 8 5/8 X 12 1/4	4.00	EA	94.97	379.88
"Top Rubber Cmt Plug, 8 5/8""	1.00	EA	147.37	147.37
Heavy Equipment Mileage	225.00	MI	4.58	1,031.58
Blending & Mixing Service Charge	600.00	BAG	0.92	550.18
"Proppant & Bulk Del. Chgs., per ton mil	2,115.00	EA	1.05	2,216.42
Depth Charge; 1001'-2000'	1.00	EA	982.46	982.46
Plug Container Util. Chg.	1.00	EA	163.74	163.74
"Unit Mileage Chg (PU, cars one way)"	75.00	MI	2.78	208.77
"Service Supervisor, first 8 hrs on loc.	1.00	EA	114.62	114.62

<b>PLEASE REMIT TO:</b>	<b>SEND OTHER CORRESPONDENCE TO:</b>	<b>SUB TOTAL</b>	<b>16,567.92</b>
<b>BASIC ENERGY SERVICES, LP</b>	<b>BASIC ENERGY SERVICES, LP</b>	<b>TAX</b>	<b>704.66</b>
<b>PO BOX 841903</b>	<b>801 CHERRY ST, STE 2100</b>	<b>INVOICE TOTAL</b>	<b>17,272.58</b>
<b>DALLAS, TX 75284-1903</b>	<b>FORT WORTH, TX 76102</b>		



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.  
Liberal, Kansas 67905  
Phone 620-624-2277

FIELD SERVICE TICKET  
1717 04135 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 4-10-13 DISTRICT 1717		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER Stelbar		LEASE Bird WELL NO. 1-7							
ADDRESS		COUNTY Stanton STATE KS							
CITY STATE		SERVICE CREW Ruben, Kirby, Carlos, Royce, Juan G							
AUTHORIZED BY Tyce Davis JRB		JOB TYPE: 7-42 Surface							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
78940					4.5	4-10-13		PM	1600
21755					4.5	ARRIVED AT JOB		PM	1800
30463-37547					4.5	START OPERATION		PM	1900
38117-19883					4.5	FINISH OPERATION		PM	2005
38750					2	RELEASED		PM	2030
19842-					2.5	MILES FROM STATION TO WELL			7.5

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: *Alan Lofth*  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL101	A-con' Blend	SK	400		7440 00
CL110	Premium Plus Cement	SK	200		3260 00
CC109	Calcium Chloride	Lb	1504		1579 20
CC102	Celloflake	Lb	151		558 70
CC130	C-SI	Lb	76		1900 00
CF253	Guide Shoe-Regular, 8 5/8 (Blue)	ea	1		380 00
CF1453	Flapper Type Insert Flat Valves 8 5/8	ea	1		280 00
CF4505	Cement Baskets, Canvas, 8 5/8	ea	1		1050 00
CF4405	Economizer Hinged, Welded Standard	ea	4		580 00
CF105	Top Rubber Cement Plug 8 5/8	ea	1		225 00
EE2401	Heavy Equipment M. Lege	Mi	225		1575 00
EE13CE240	Blending and Mixing Service	SK	600		840 00
EE200E113	Proppant and Bulk Delivery Charges	TM	2115		3384 00
CE300	Depth Charge 1001-2000	4hrs	1		1500 00
EE00CE504	Plug Container Utilization	job	1		250 00
SD03E100	Unit Mileage charge pick up	Mi	7.5		318 75
5003	Service Supervisor, first 8 hrs.	ea	1		175 00

CHEMICAL / ACID DATA:			

SUB TOTAL 116567.92

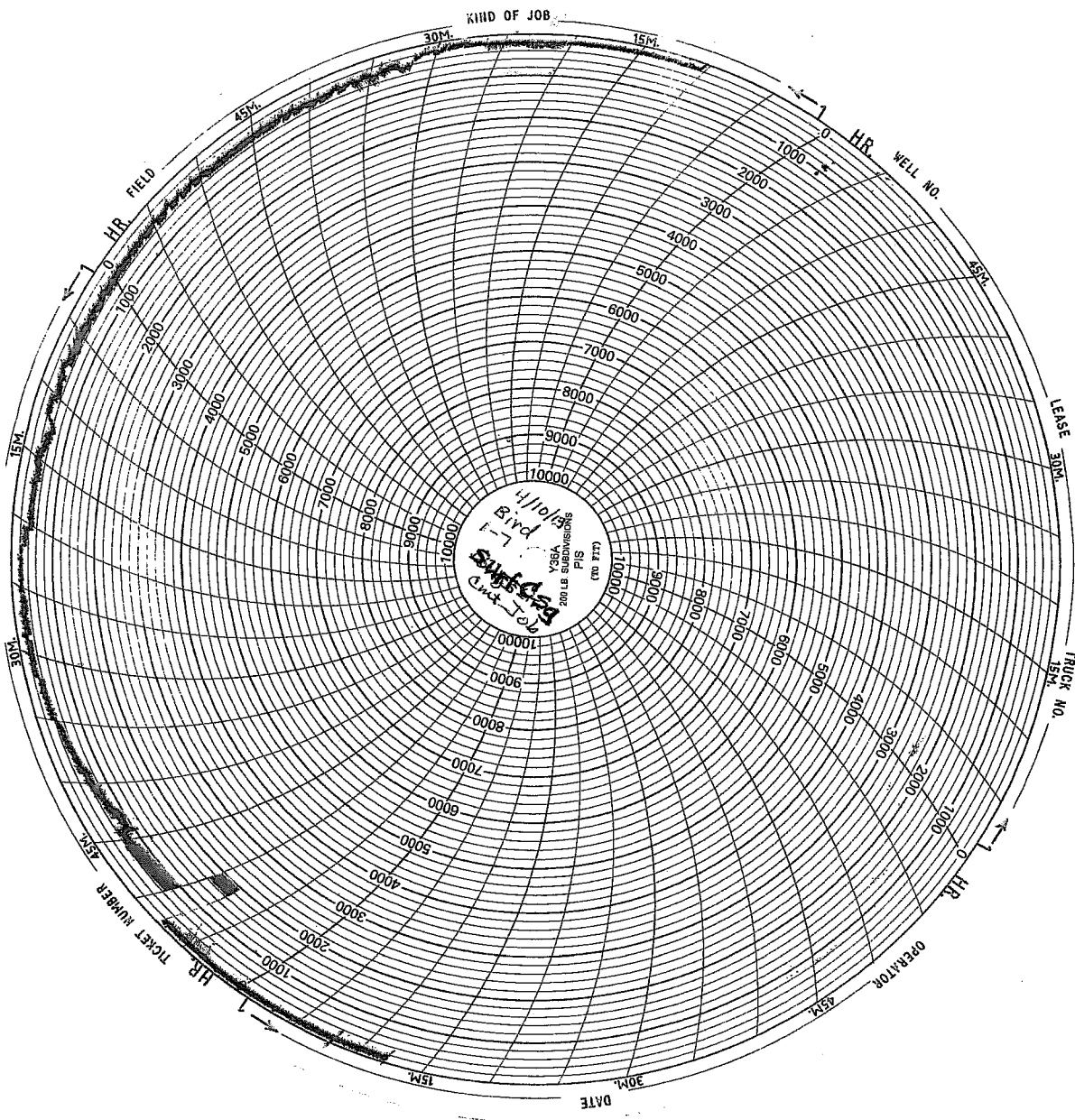
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE *Alan Lofth*

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *Alan Lofth*  
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO. \_\_\_\_\_





# GEOLOGIC REPORT

## DAVID J. GOLDAK

WICHITA, KANSAS  
Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: Bird #1-7  
Location: Section 7 - T29S - R41W  
License Number: API: 15-187-21221  
Spud Date: 04 / 09 / 2013  
Surface Coordinates: 341' FSL and 347' FEL  
(Approx. SE - SE - SE)  
Region: Stanton Co., KS  
Drilling Completed: 04 / 16 / 2013  
Bottom Hole Coordinates:  
Ground Elevation (ft): 3422' K.B. Elevation (ft): 3435'  
Logged Interval (ft): 3500' To: 5600' Total Depth (ft): 5600'  
Formation: Miss St Louis  
Type of Drilling Fluid: Chemical - Mud-Co

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

### OPERATOR

Company: Stelbar Oil Corporation  
Address: 1625 N. Waterfront Pkwy., Suite 200  
Wichita, Kansas 67206-6602

### GEOLOGIST

Name: David J. Goldak  
Company: D. J. GOLDAK, INC.  
Address: 155 N. Market, Suite 710  
Wichita, Kansas 67202

### General Info

CONTRACTOR: Sterling Drilling, Rig #5

#### BIT RECORD:

No.	Size	Make	Jets	Out	Feet	Hours
A	12-1/4	JZ-HA00TC-RR	3-16s	1624	1624	20.50
1	7-7/8	Smith-MI616-PDC	3-15s	5600	3976	59.75

SURVEYS: 1624' - 1.00, 5352' - 1.25, 5600' - 0.75

#### GENERAL DRILLING & PUMP INFORMATION:

Pumping 62 S/M, 8.0 B/M, with 950-1000 psi at the standpipe.  
Drilling with 10,000-14,000 lbs on bit, at 100 RPM.

## Daily Status

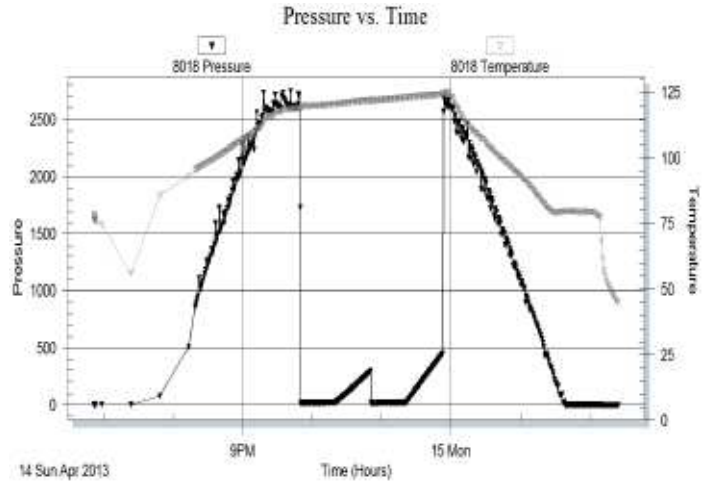
04/09/13 - Spud at 5:00 AM; 42' Drilling at 7:00 AM  
 04/10/13 - 1,555' Drilling; Set 8-5/8" csg at 1,619'  
 04/11/13 - 1,624' Drilling plug  
 04/12/13 - 3,410' Drilling; Displace mud at 3,102'  
 04/13/13 - 4,460' Drilling; Wiper trip to surf csg at 5,000'  
 04/14/13 - 5,098' Drilling; DST #1 @ 5,352'  
 04/15/13 - 5,365' Drilling; DST #2 @ 5,438'  
 04/16/13 - 5,600' TOH for logs

**DST #1: 5,336' - 5,352' (Lower Morrow Sand)**  
 30" - 30" - 30" - 30"

**IF:** Weak blow, building to 4-1/2 inches  
**ISI:** No blow back  
**FF:** Good blow building to 11 inches  
**FSI:** No blow back

**RECOVERY:** 30' Total Fluid, consisting of:  
 30' Mud (100% Mud)  
**Sampler:** 2000 ml Mud @ 240 psi

SIP: 296-449; FP: 16-19, 11-18; HP: 2722-2697; BHT: 124

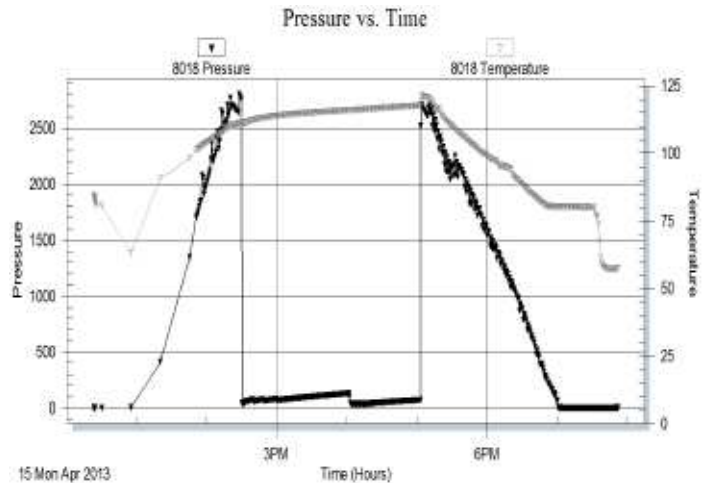


**DST #2: 5,346' - 5,438' (Upper Keyes Sand)**  
 30" - 60" - 30" - 30"

**IF:** Weak blow, building to 1 inch  
**ISI:** No blow back  
**FF:** Weak blow building to 2 inches  
**FSI:** No blow back

**RECOVERY:** 15' Total Fluid, consisting of:  
 15' Mud (100% Mud)  
**Sampler:** 2000 ml Mud @ 15 psi

SIP: 129-69; FP: 37-79, 38-49; HP: 2803-2711; BHT: 118



## ROCK TYPES

	Anhy
	Bent
	Brec
	Cht
	Clyst
	Coal
	Congl
	Dol

	Gyp
	Igne
	Lmst
	Meta
	Mrlst
	Salt
	Shale
	Shcol

	Shgy
	Sltst
	Ss
	Till
	Carb sh
	Dol
	Dtd
	Gry sh

	Sandylms
	Shale
	Sltstn
	Shlyslts
	Slttysh
	Lms

### ACCESSORIES

#### MINERAL

- Anhy
- Arggrn
- Arg
- Bent
- Bit
- Brecfrag
- Calc
- Carb
- Chtdk
- Chtlt
- Dol
- Feldspar
- Ferrpel
- Ferr
- Glau
- Gyp
- Hvymin
- Kaol
- Marl
- Minxl
- Nodule
- Phos
- Pyr



- Salt
- Sandy
- Silt
- Sil
- Sulphur
- Tuff
- Chlorite
- Dol
- Sand
- Silty

#### FOSSIL

- Algae
- Amph
- Belm
- Bioclst
- Brach
- Bryozoa
- Cephal
- Coral
- Crin
- Echin
- Fish
- Foram



- Fossil
- Gastro
- Oolite
- Ostra
- Pelec
- Pellet
- Pisolite
- Plant
- Strom
- Fuss
- Oomold

#### STRINGER

- Anhy
- Arg
- Bent
- Coal
- Dol
- Gyp
- Ls
- Mrst
- Sltstrg
- Ssstrg
- Carbsh



- Clystn
- Dol
- Grysh
- Gryslt
- Lms
- Sandylms
- Sh
- Sltstn

#### TEXTURE

- Boundst
- Chalky
- Cryxln
- Earthy
- Finexln
- Grainst
- Lithogr
- Microxln
- Mudst
- Packst
- Wackest

### OTHER SYMBOLS

#### INTERVALS

- Core
- Dst
- Dst

#### EVENTS

- Rft
- Sidewall
- Conn

#### POROSITY TYPE

- Earthy
- Fenest
- Fracture
- Inter
- Moldic
- Organic
- Pinpoint
- Vuggy

#### SORTING

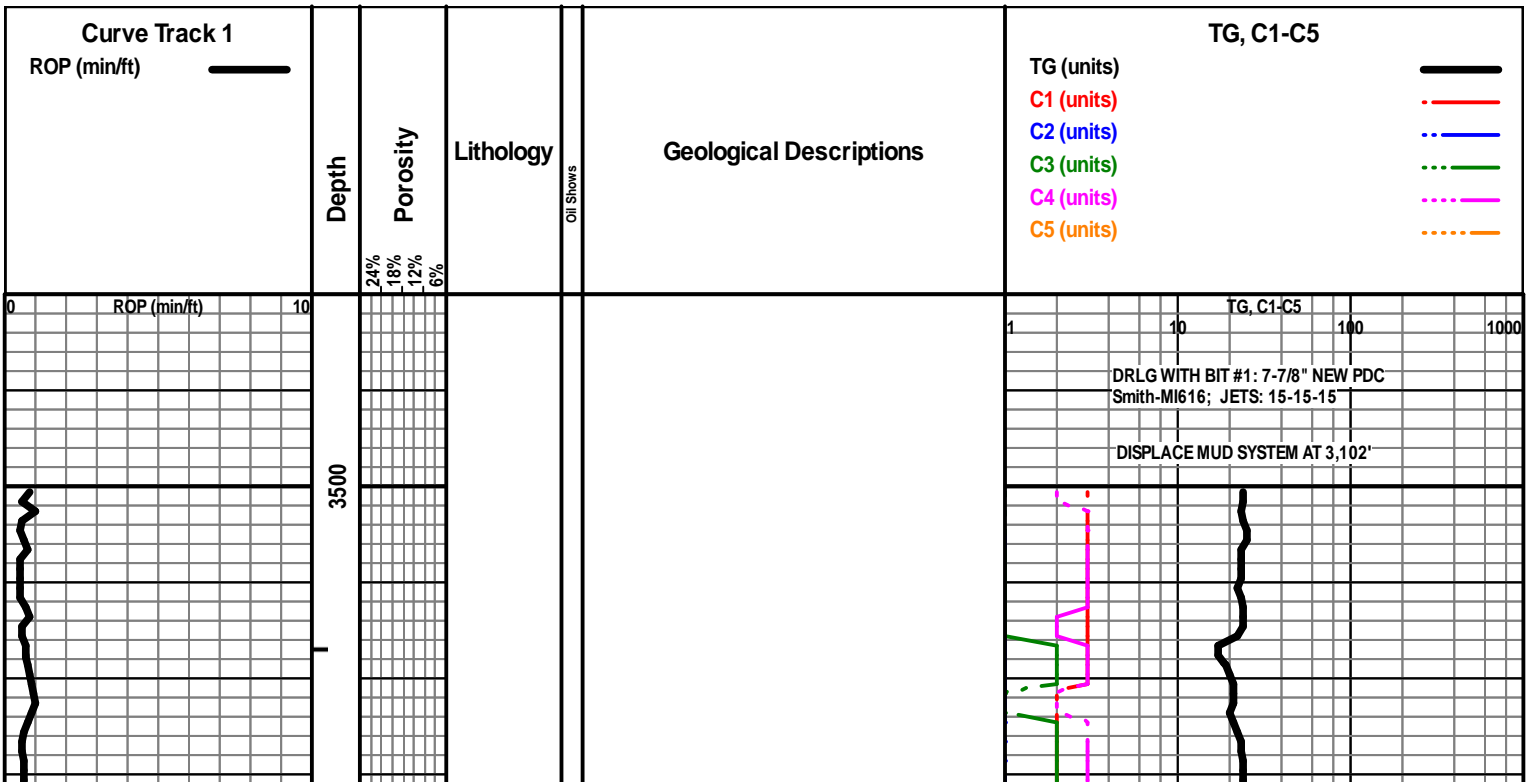
- Well
- Moderate
- Poor

#### ROUNDING

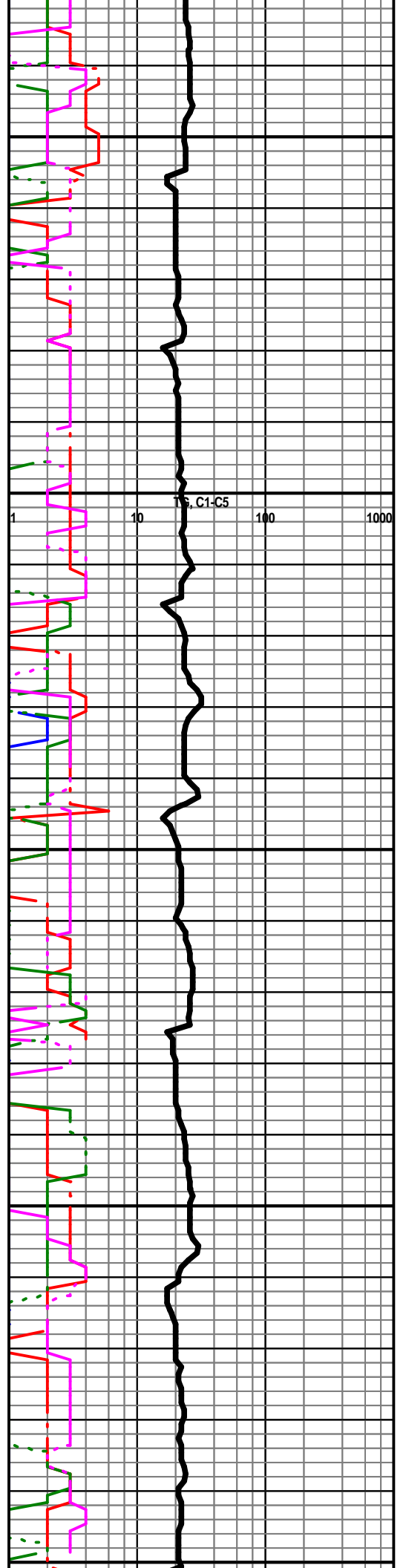
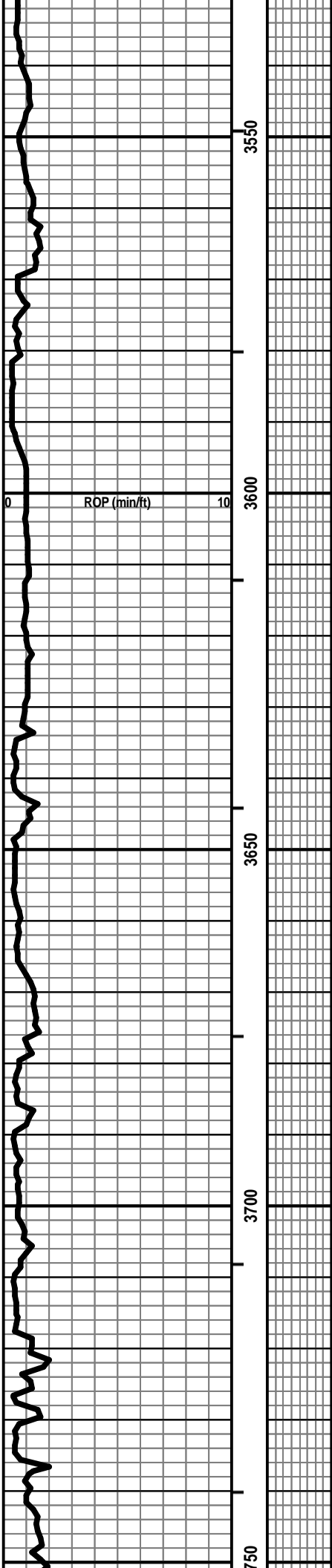
- Rounded
- Subrnd
- Subang
- Angular

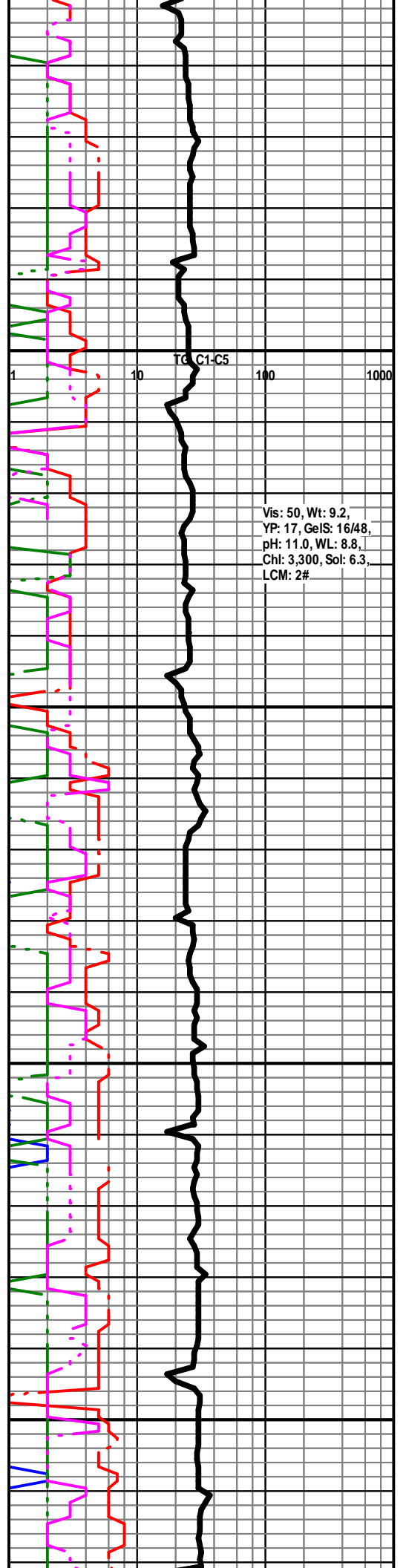
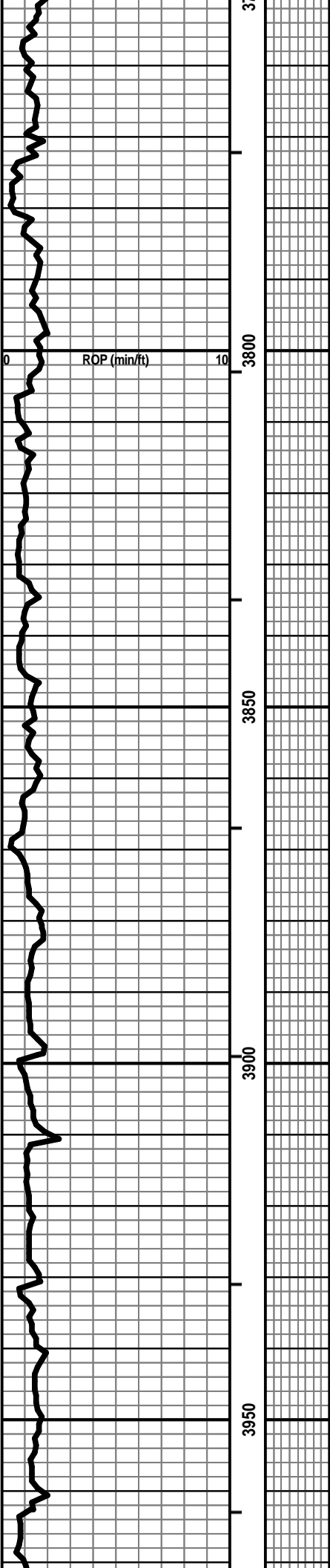
#### OIL SHOWS

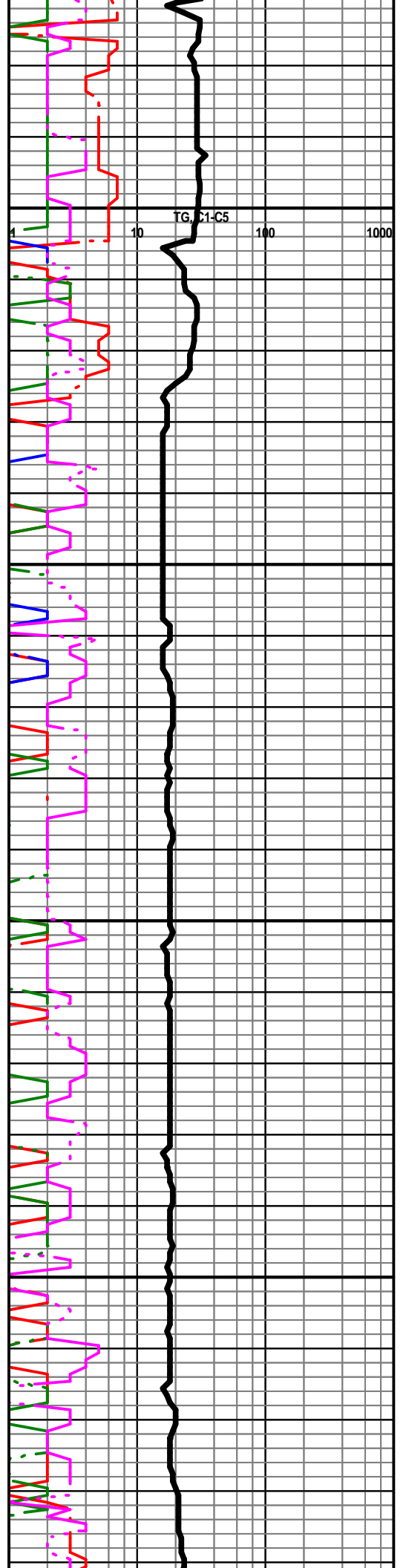
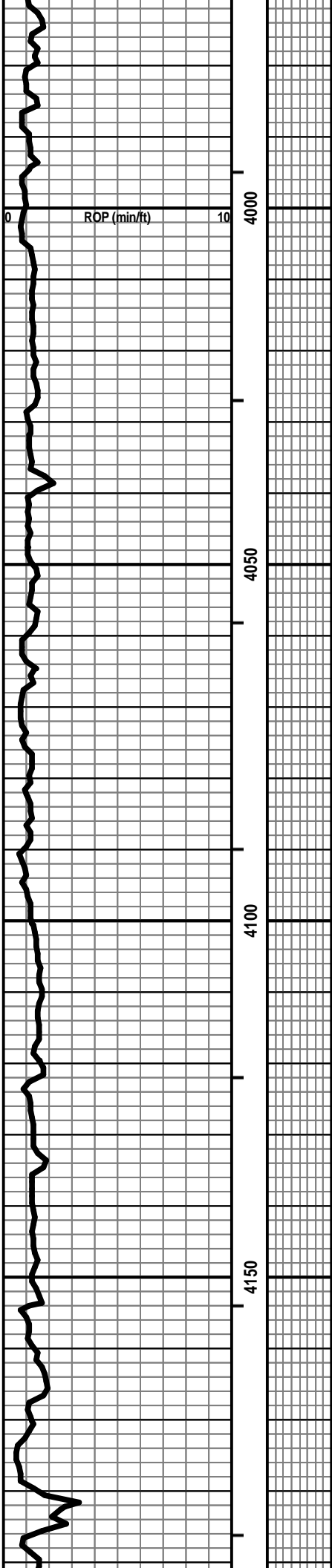
- Even
- Spotted
- Ques
- Dead
- Gas show

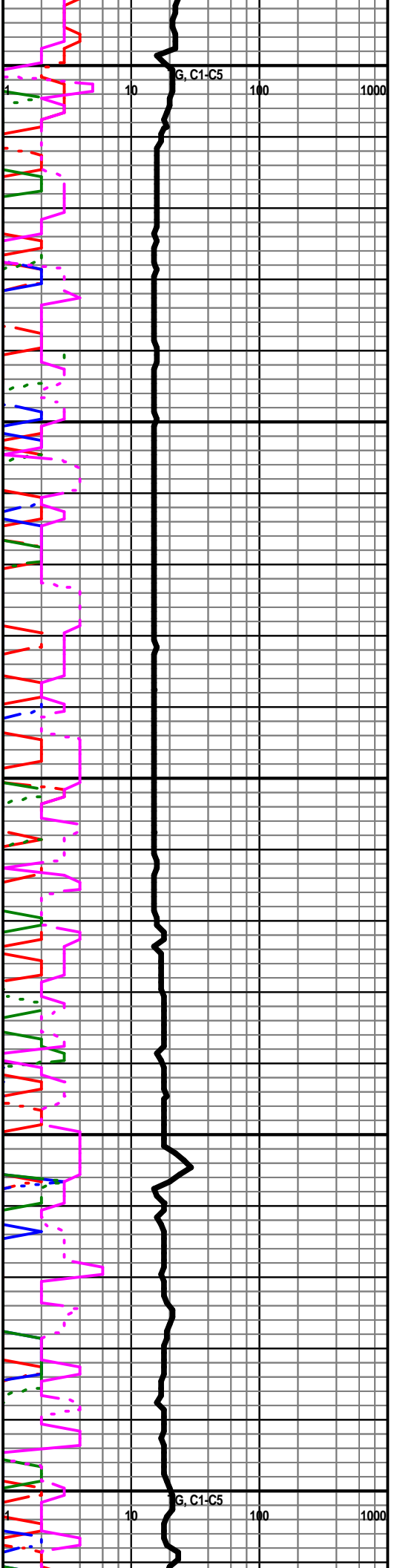
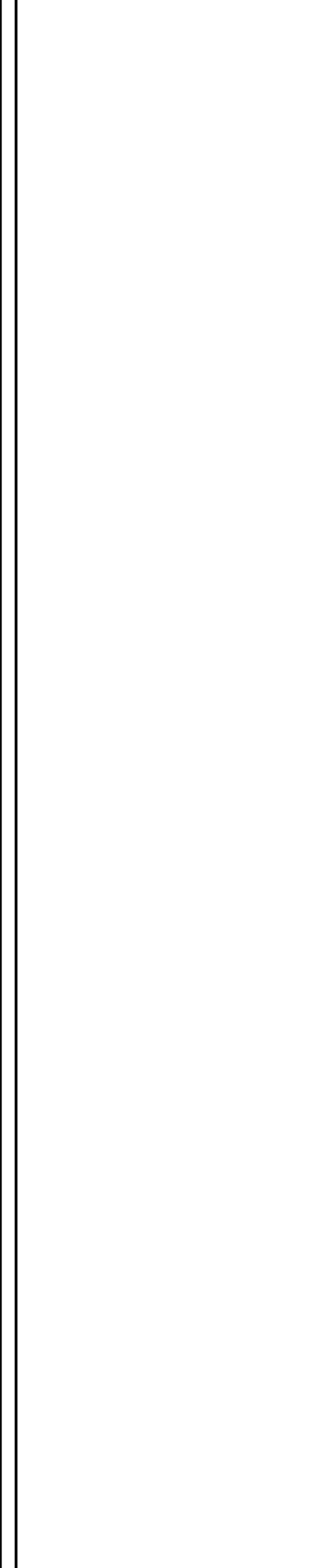
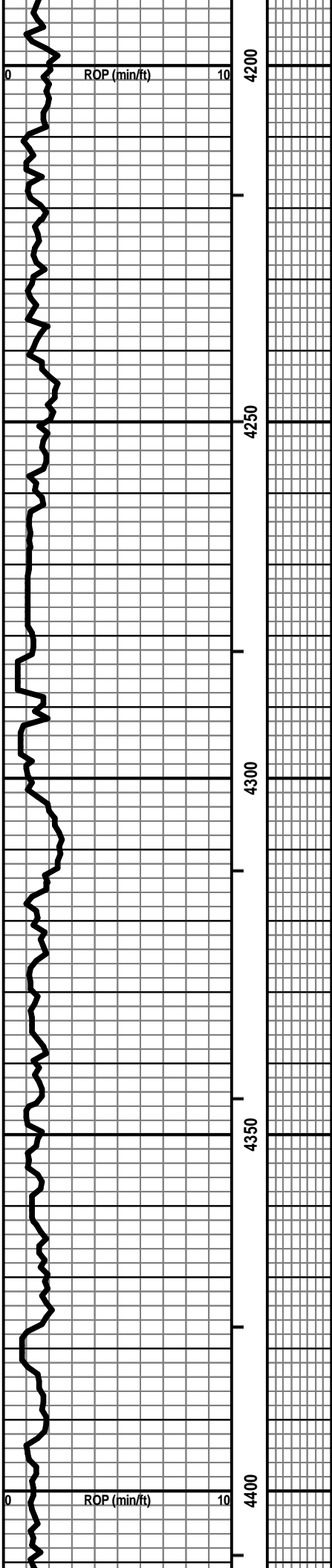


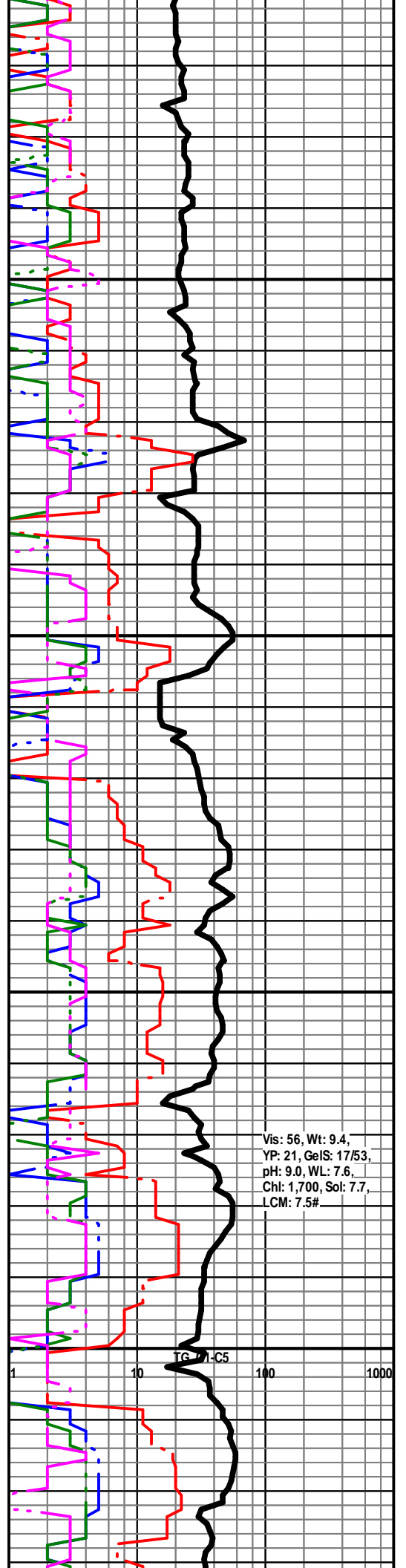
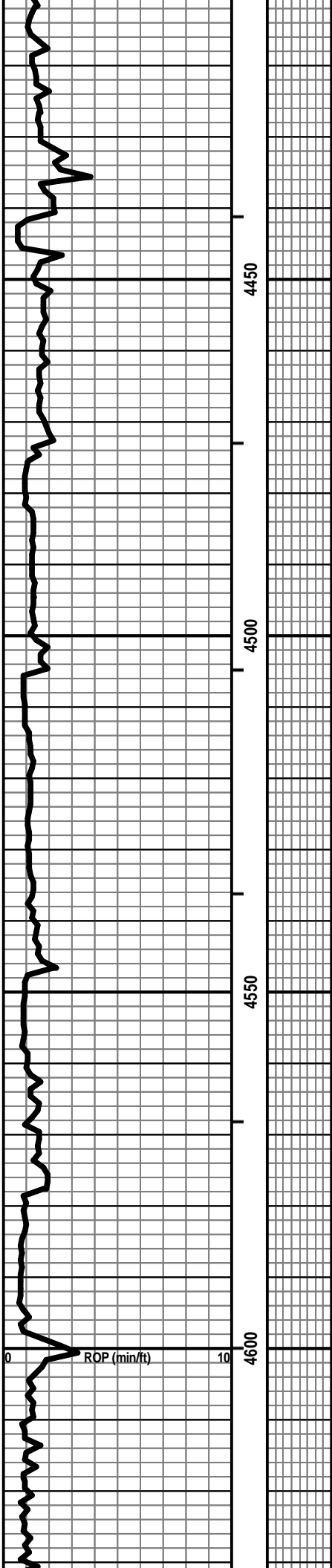


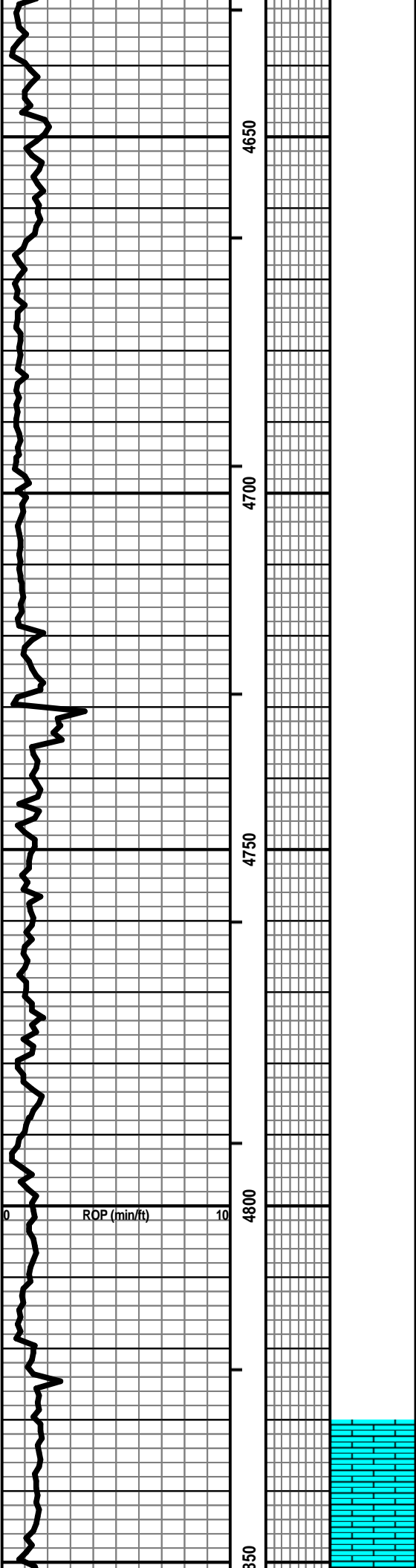




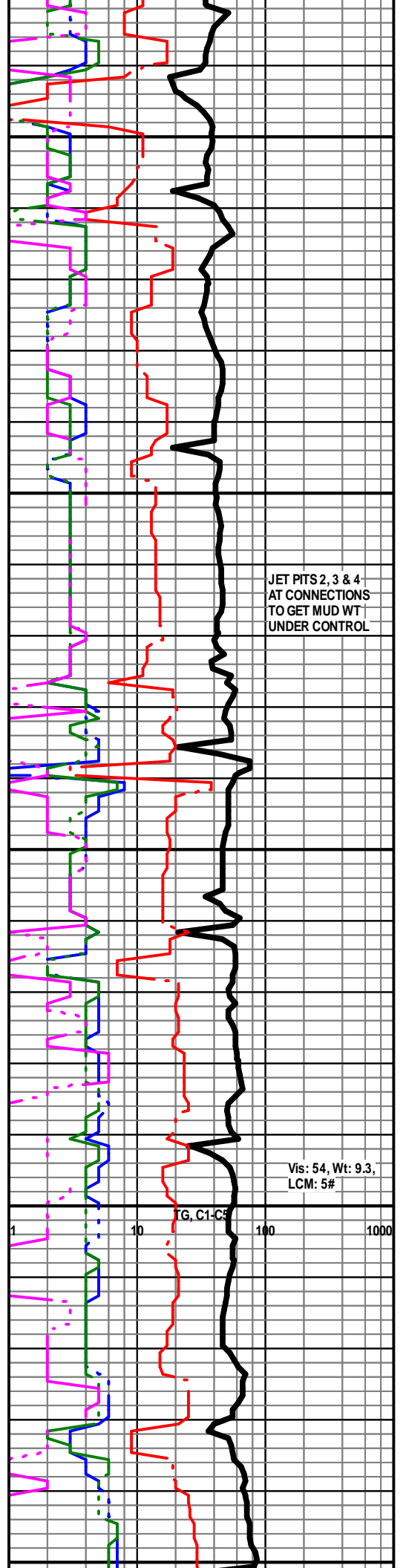








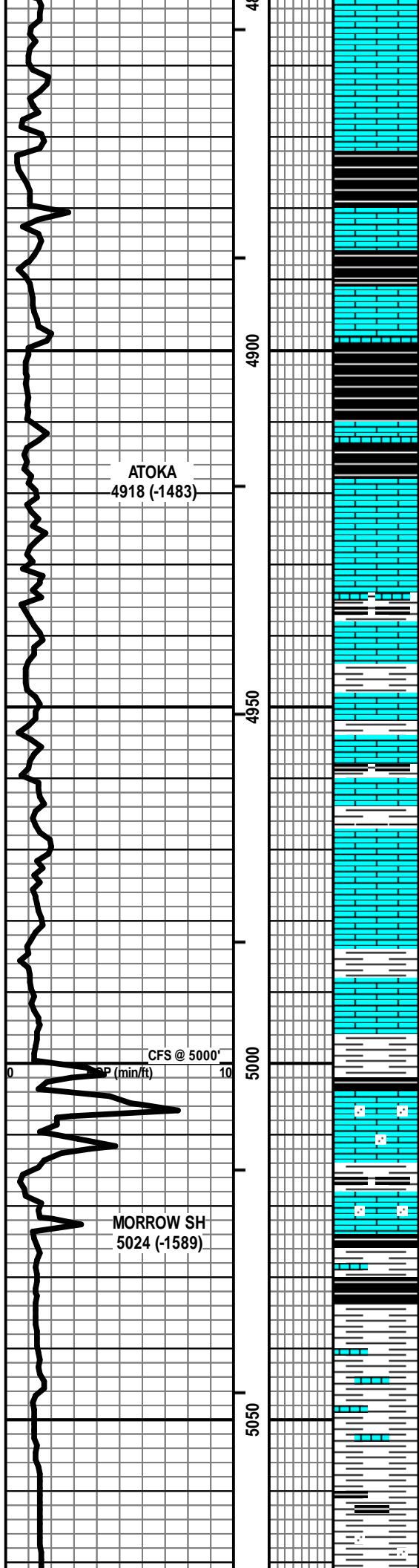
LS - TAN / GY / SCAT BRN, MOT IN PT, F XLN, FOSS IN PT, PRED DNS, NS



JET PITS 2, 3 & 4  
AT CONNECTIONS  
TO GET MUD WT  
UNDER CONTROL

Vis: 54, Wt: 9.3,  
LCM: 5#

IG, C1-C2



LS - GY / BRN / TAN, MOT IN PT, F XLN, SL FOSS, PRED DNS, NS

LS - TAN / GY / SCAT CRM, MOT IN PT, VF / F XLN, SUBCHKY IN PT, PRED DNS, NS W / SH - BLK, CARB

SH - BLK, CARB W / LS - TAN / GY / SCAT CRM, MOT IN PT, VF / F XLN, PRED DNS, NS

LS - GY / BRN / SCAT TAN, MOT IN PT, VF / F XLN, PRED DNS, NS W / SCAT SH - DK GY / BLK

LS - GY / BRN / SCAT TAN, MOT IN PT, VF / F XLN, PRED DNS, NS W / SH - DK GY / BLK

LS - CRM / TAN / BRN, MOT IN PT, PRED F XLN, PRED DNS, NS W / SH - DK GY / BLK

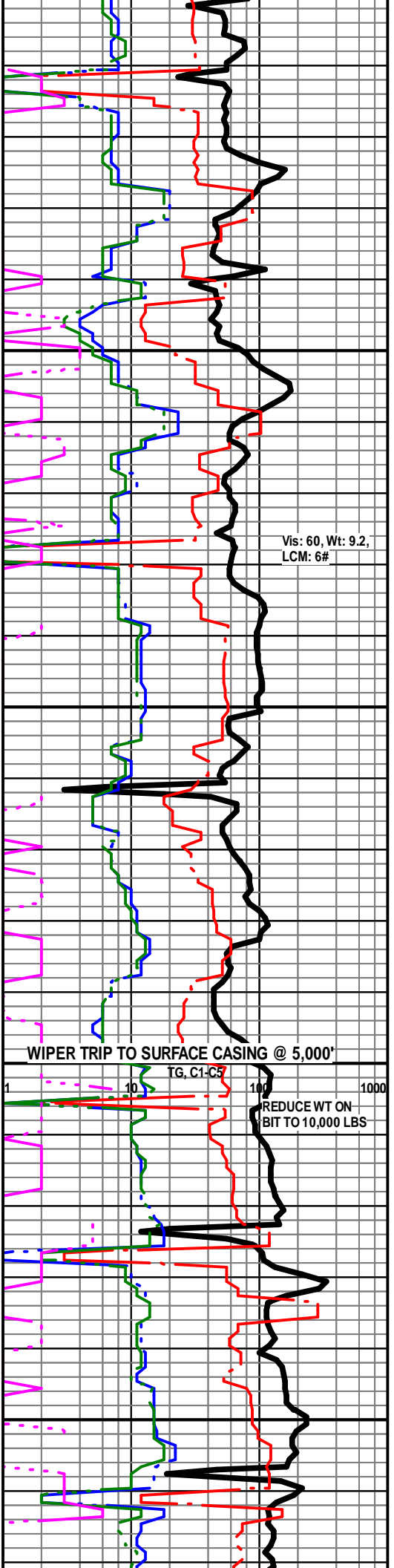
LS - CRM / TAN / BRN, MOT IN PT, PRED F XLN, PRED DNS, NS W / SH - DK GY / BLK

LS - GY / TAN / BRN, MOT IN PT, F XLN, AREN IN PT, VF QTZ GR, PRED DNS, NS W / SH - DK GY / BLK, CARB IN PT

LS - ASABOVE, PRED DNS, NS W / SH - DK GY / BLK, CARB IN PT

SH - DK GY / BLK, CARB IN PT W / SCAT LS - GY, VF / F XLN, ARGIL / DNS, NS

SH - ASABOVE W / TR SS - WHT / CRM / GY, VF QTZ GR, CALC, SCAT GLAUC, NO VIS POR, NS



ATOKA  
4918 (-1483)

MORROW SH  
5024 (-1589)

CFS @ 5000'  
0 10  
P (min/ft)

WIPER TRIP TO SURFACE CASING @ 5,000'

Vis: 60, Wt: 9.2,  
LCM: 6#

REDUCE WT ON  
BIT TO 10,000 LBS

TG, C1-C9

Vis: 52, Wt: 9.2,  
LCM: 7#

SS - LT / SCAT MED GY, VF / F QTZ GR, SA / SR, F SRTG,  
SL / V CALC, ARGIL IN PT, MIC IN PT, TR GLAUC, P / F  
INTGR POR, TR GB IN PT, NSO, NO ODOR, NO STN, NO  
FLOUR, NO CUT

PRED SH - MED / DK GY / BLK W/ SCAT SS - AS  
ABOVE, NS

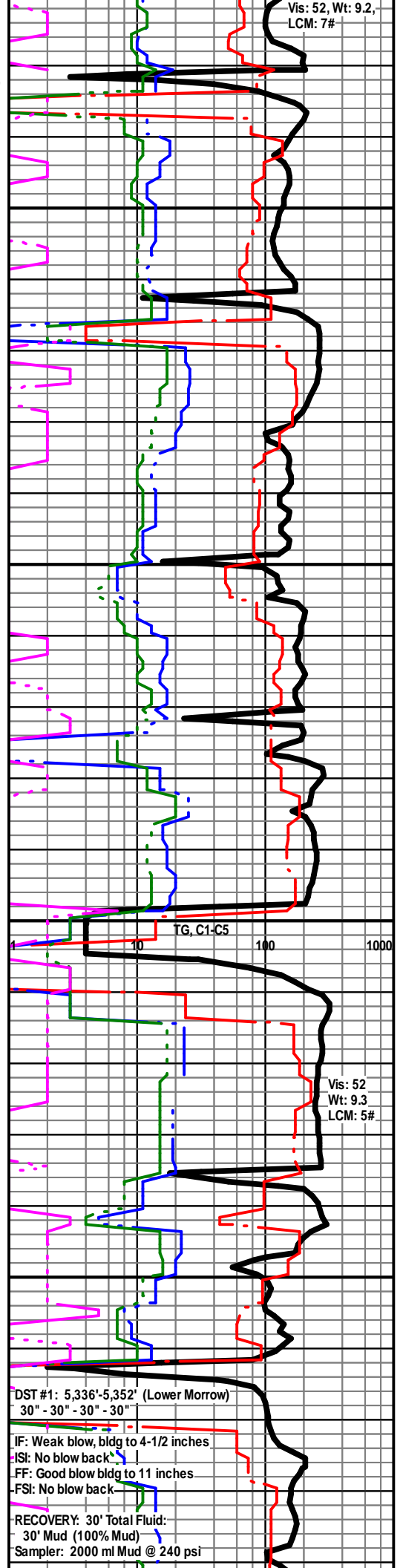
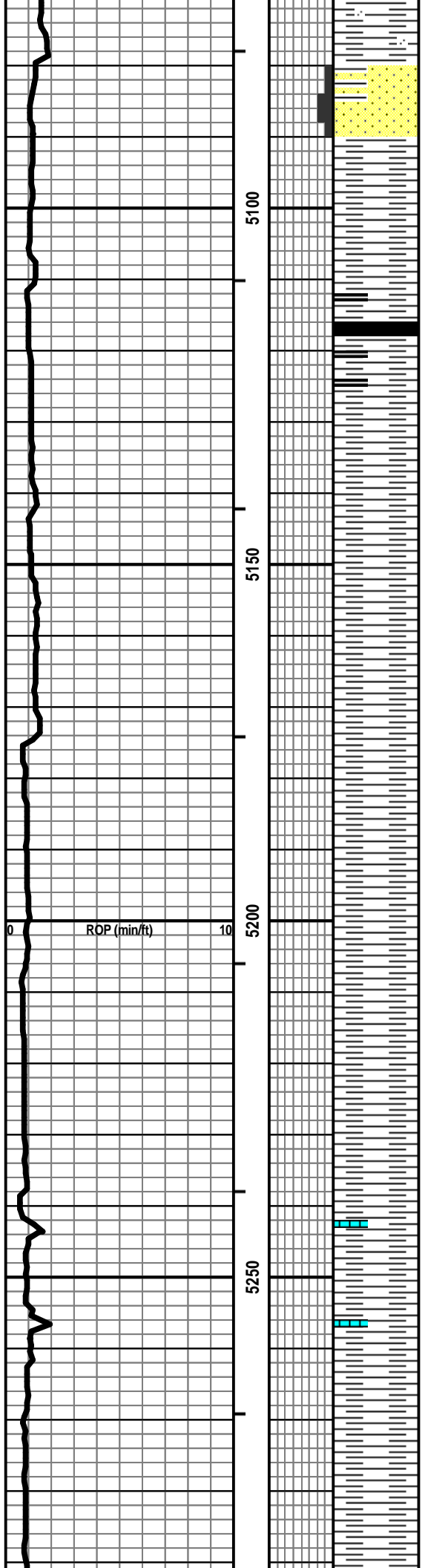
SH - MED / DK GY / BLK, CALC IN PT W/ TR COAL

SH - DK GY / BLK

SH - MED / DK GY / BLK

SH - MED / DK GY / BLK

SH - DK GY / BLK, SL CALC



TG, C1-C5

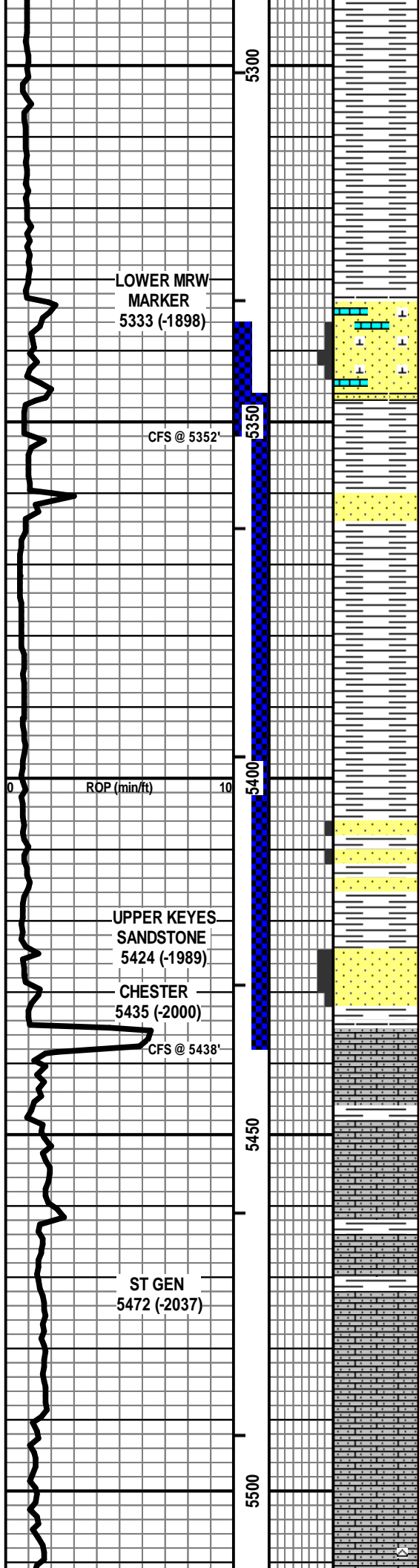
Vis: 52  
Wt: 9.3  
LCM: 5#

DST #1: 5,336'-5,352' (Lower Morrow)  
30" - 30" - 30" - 30"

- IF: Weak blow, bldg to 4-1/2 inches
- IS: No blow back
- FF: Good blow bldg to 11 inches
- FSI: No blow back

RECOVERY: 30' Total Fluid:  
30' Mud (100% Mud)  
Sampler: 2000 ml Mud @ 240 psi





SH - DK GY / BLK

SS - GY / SCAT TAN, MOT, F / VC QTZ GR, P SRTD, SA / SR, V CALC, LS FRAG IN PT, SCAT GLAUC, P / SCAT F INTGR POR, SL / F SGB, NSFO, NO ODOR, NO STN, TR VP FLOUR, NO CUT W / SCAT UNCONS QTZ, VC GR

SH - DK GY / BLK W / SS - LT / MED GY, VF / F QTZ GR, F / W SRTD, SA / SR, CALC CEM, MOD CHL, SCAT GLAUC, NO VIS POR, NS

PRED SH - DK GY / BLK W / SCAT SS - AS ABOVE

SH - DK GY / BLK W / MOD AMT SS - LT / MED GY, VF / F QTZ GR, F / W SRTD, SA / SR, CALC CEM, MOD CHL, SCAT GLAUC, P / NO VIS POR, TR GB IN PT, NSO, NO ODOR, NO STN, NO FLOUR, NO CUT

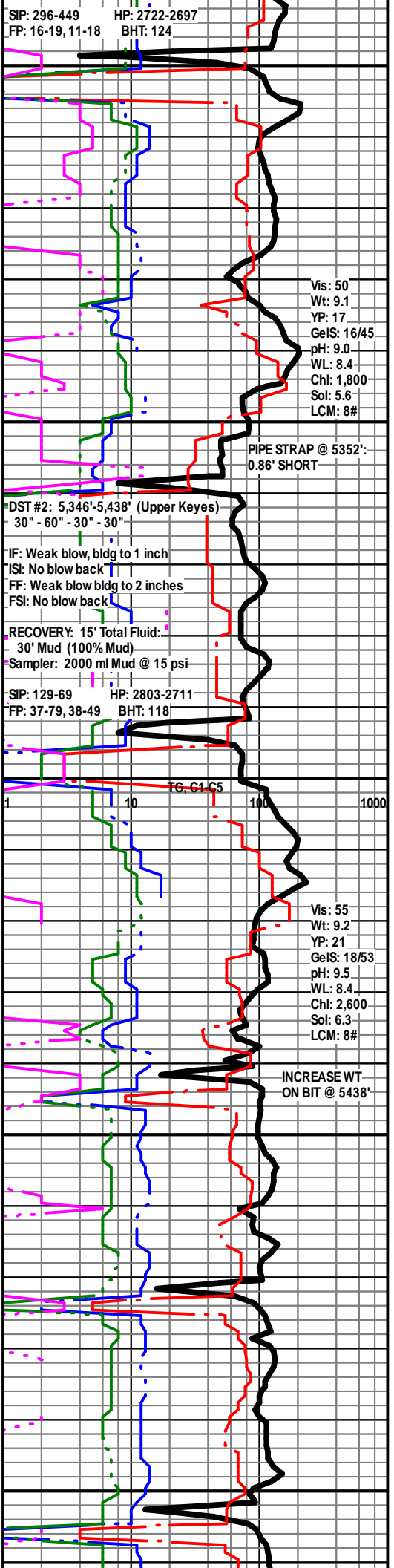
SS - LT GY, VF / F / SCAT M + C QTZ GR, W / P SRTD, SA / R, CALC CEM, TR LS FRAG, GLAUC, SCAT CHL, P / G INTGR POR, SL / F SGB, SL / SCAT F SFO, NO ODOR, SCAT SPTY STN, SPTY G FLOUR, P / G CUT

LS - GY / CRM, VF XLN, AREN, VF QTZ GR, PRED DNS, NS

LS - GY / RED / SCAT CRM, VF XLN, AREN, VF QTZ GR, PRED DNS, NS

LS - AS ABOVE W / LS - WHT / CRM, VF XLN, OOL, AREN, VF QTZ GR, SUBCHKY, PRED DNS, NS

LS - WHT / CRM, VF XLN, OOL, AREN, VF QTZ GR, SUBCHKY, PRED DNS, NS



SIP: 296-449 HP: 2722-2697  
FP: 16-19, 11-18 BHT: 124

Vis: 50  
Wt: 9.1  
YP: 17  
GelS: 16/45  
pH: 9.0  
WL: 8.4  
Chl: 1,800  
Sol: 5.6  
LCM: 8#

DST #2: 5,346-5,438' (Upper Keyes)  
30" - 60" - 30" - 30"

IF: Weak blow, bldg to 1 inch  
IS: No blow back  
FF: Weak blow bldg to 2 inches  
FSI: No blow back

RECOVERY: 15' Total Fluid:  
30' Mud (100% Mud)  
Sampler: 2000 ml Mud @ 15 psi

SIP: 129-69 HP: 2803-2711  
FP: 37-79, 38-49 BHT: 118

PIPE STRAP @ 5352' - 0.86' SHORT

1 10 100 1000  
TG, C1-C5

Vis: 55  
Wt: 9.2  
YP: 21  
GelS: 18/53  
pH: 9.5  
WL: 8.4  
Chl: 2,600  
Sol: 6.3  
LCM: 8#

INCREASE WT ON BIT @ 5438'

ST LOUIS  
5515 (-2080)

LS - ASABOVE W/LS - CRM / TAN, VF / F XLN, OOL IN PT, CHKY IN PT, PRED DNS, NS W/ SCAT CHT - ORG / GY

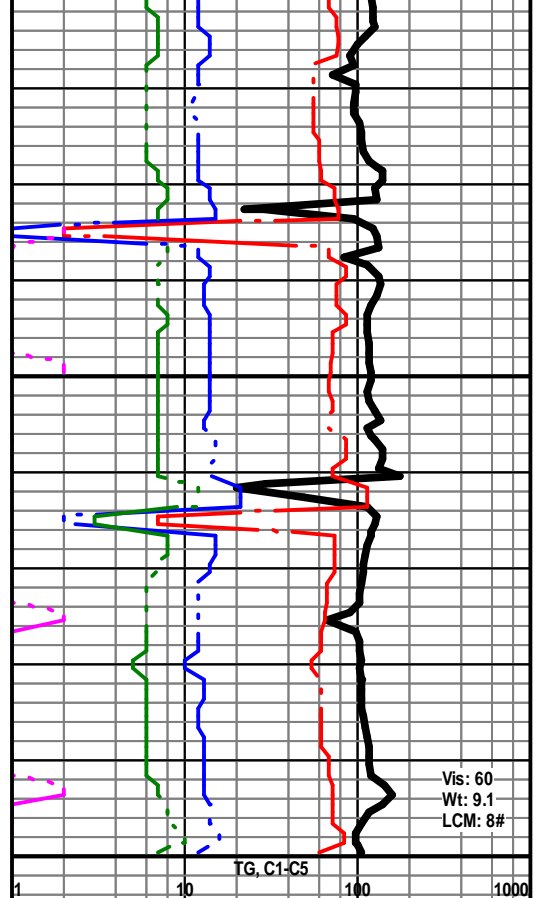
LS - CRM / TAN, VF / F XLN, OOL IN PT, CHKY IN PT, PRED DNS, NS W/ TR CHT - ORG / GY

LS - CRM / TAN, VF / F XLN, OOL IN PT, CHKY IN PT, PRED DNS, NS

LS - CRM / TAN, VF / F XLN, OOL IN PT, CHKY IN PT, PRED DNS, NS

LS - CRM / TAN, VF / F XLN, OOL IN PT, CHKY IN PT, PRED DNS, NS W/ TR CHT

TOTAL DEPTH 5600 (-2165)



ROP (min/ft) 0 10

5550

5600

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

May 17, 2013

William H. Blagrave  
Stelbar Oil Corporation, Inc.  
1625 N WATERFRONT PKWY  
WICHITA, KS 67206-6602

Re: ACO1  
API 15-187-21221-00-00  
Bird 1-7  
SE/4 Sec.07-29S-41W  
Stanton County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
William H. Blagrave