

1196075

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <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> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Blue Ridge Petroleum Corporation
Well Name	Sauvage 3-11
Doc ID	1196075

All Electric Logs Run

Micro
Sonic
DIL
CDN



DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum Corp**

P.O. Box 1913
Enid, OK 73702

ATTN: Clint Musgrove

Suavage #3-11

11-3s-29w Decatur,KS

Start Date: 2014.03.07 @ 12:37:00

End Date: 2014.03.07 @ 21:38:30

Job Ticket #: 56907 DST #: 1

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

Printed: 2014.03.11 @ 15:52:38



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp

11-3s-29w Decatur, KS

P.O. Box 1913
Enid, OK 73702

Suavage #3-11

Job Ticket: 56907

DST#: 1

ATTN: Clint Musgrove

Test Start: 2014.03.07 @ 12:37:00

GENERAL INFORMATION:

Formation: **LKC-A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:01:30

Time Test Ended: 21:38:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #54

Interval: 3577.00 ft (KB) To 3608.00 ft (KB) (TVD)

Reference Elevations: 2573.00 ft (KB)

Total Depth: 3608.00 ft (KB) (TVD)

2564.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8368

Inside

Press@RunDepth: 73.47 psig @ 3578.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.07 End Date: 2014.03.07

Last Calib.: 2014.03.07

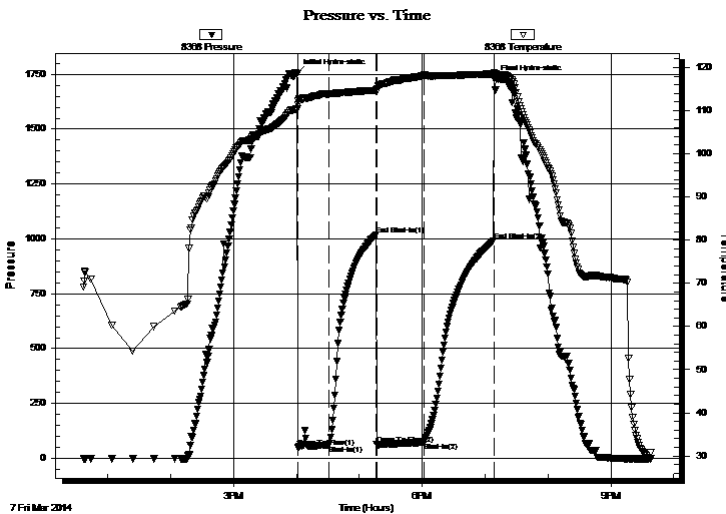
Start Time: 12:37:05 End Time: 21:38:30

Time On Btm: 2014.03.07 @ 16:00:45

Time Off Btm: 2014.03.07 @ 19:08:30

TEST COMMENT: 30 - IF - Surface blow built to 2"
45 - ISI - No Return
45 - FF - got a weak surface blow in 10 min. built to 1"
60 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1755.06	110.36	Initial Hydro-static
1	50.83	111.26	Open To Flow (1)
31	60.01	113.84	Shut-In(1)
75	1019.57	114.73	End Shut-In(1)
76	63.93	114.41	Open To Flow (2)
121	73.47	118.27	Shut-In(2)
188	991.21	118.51	End Shut-In(2)
188	1727.97	118.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
126.00	OCM - 90M - 10o	1.77
5.00	OCM - 65M - 35o	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp

11-3s-29w Decatur,KS

P.O. Box 1913
Enid, OK 73702

Suavage #3-11

Job Ticket: 56907

DST#: 1

ATTN: Clint Musgrove

Test Start: 2014.03.07 @ 12:37:00

Tool Information

Drill Pipe:	Length: 3578.00 ft	Diameter: 3.80 inches	Volume: 50.19 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 50.19 bbl</u>	Tool Chased 15.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3577.00 ft			Final 43000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3563.00	
Hydraulic tool	5.00			3568.00	
Packer	4.00			3572.00	19.00 Bottom Of Top Packer
Packer	5.00			3577.00	
Stubb	1.00			3578.00	
Recorder	0.00	8368	Inside	3578.00	
Recorder	0.00	6741	Inside	3578.00	
Perforations	26.00			3604.00	
Bullnose	4.00			3608.00	31.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp

11-3s-29w Decatur,KS

P.O. Box 1913
Enid, OK 73702

Suavage #3-11

Job Ticket: 56907

DST#: 1

ATTN: Clint Musgrove

Test Start: 2014.03.07 @ 12:37:00

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: 50.00 sec/qt

Cushion Volume: bbl

Water Loss: 5.78 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure: psig

Salinity: 900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
126.00	OCM - 90M - 10o	1.767
5.00	OCM - 65M - 35o	0.070

Total Length: 131.00 ft Total Volume: 1.837 bbl

Num Fluid Samples: 0

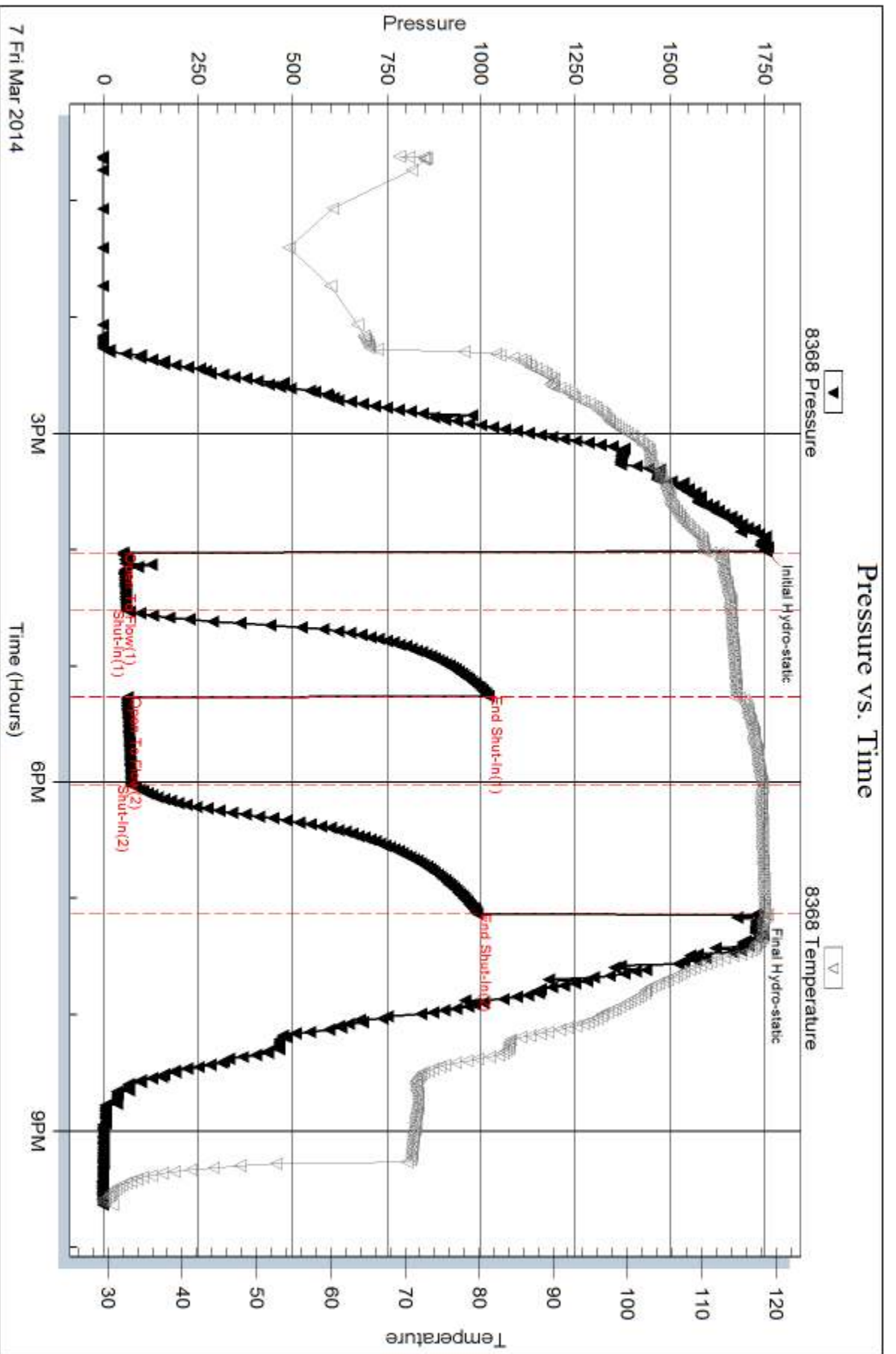
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



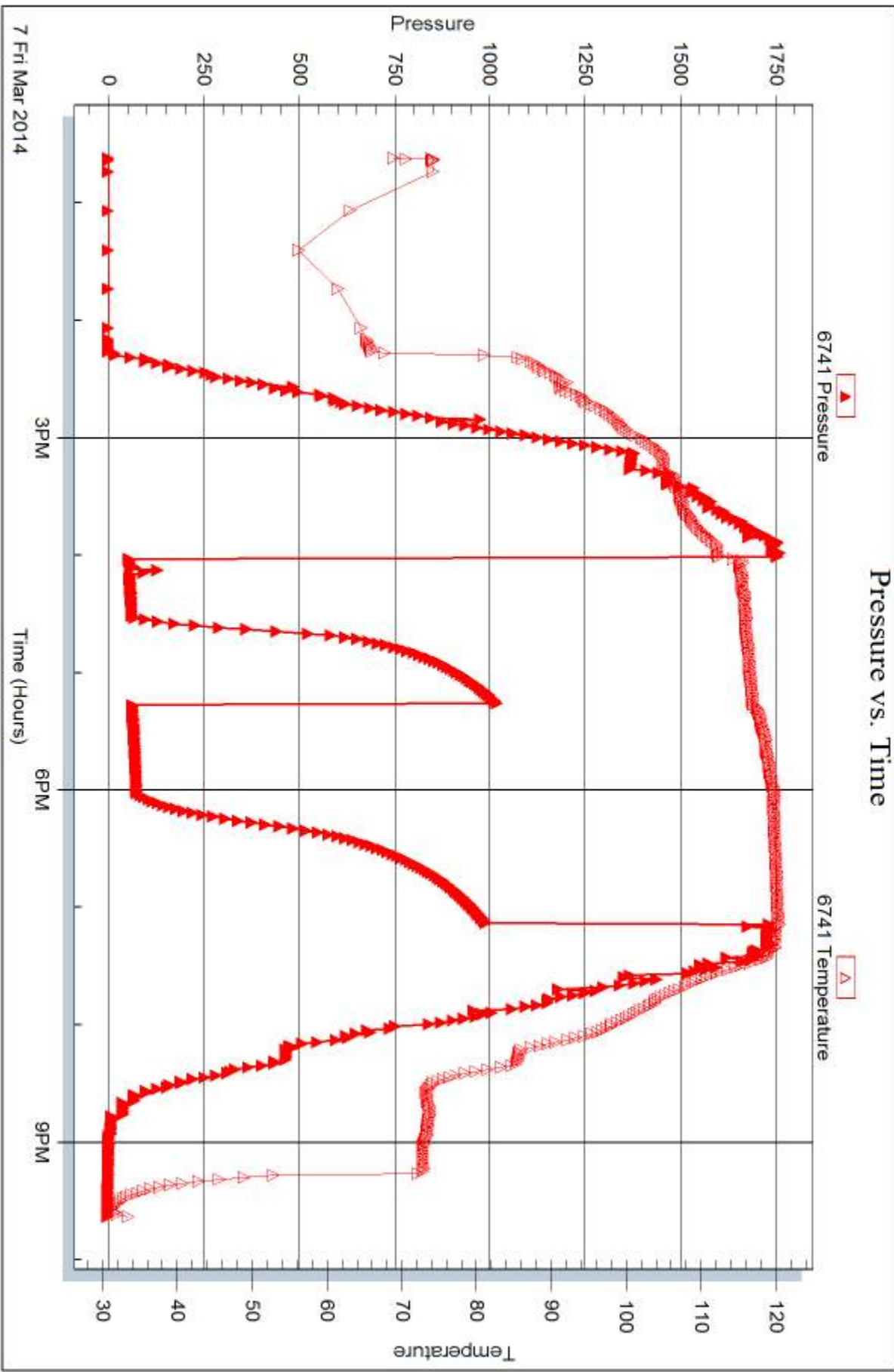
Serial #: 6741

Inside

Blue Ridge Petroleum Corp

Sluavage #3-11

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum Corp**

P.O. Box 1913
Enid, OK 73702

ATTN: Clint Musgrove

Suavage #3-11

11-3s-29w Decatur,KS

Start Date: 2014.03.08 @ 09:00:00

End Date: 2014.03.08 @ 17:00:15

Job Ticket #: 56908 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.03.11 @ 15:52:09



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp

11-3s-29w Decatur, KS

P.O. Box 1913
Enid, OK 73702

Suavage #3-11

Job Ticket: 56908

DST#: 2

ATTN: Clint Musgrove

Test Start: 2014.03.08 @ 09:00:00

GENERAL INFORMATION:

Formation: **LKC-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:51:45

Time Test Ended: 17:00:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #54

Interval: 3608.00 ft (KB) To 3626.00 ft (KB) (TVD)

Reference Elevations: 2573.00 ft (KB)

Total Depth: 3626.00 ft (KB) (TVD)

2564.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8368

Inside

Press@RunDepth: 18.52 psig @ 3609.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.08

End Date:

2014.03.08

Last Calib.:

2014.03.08

Start Time: 09:00:05

End Time:

17:00:14

Time On Btm:

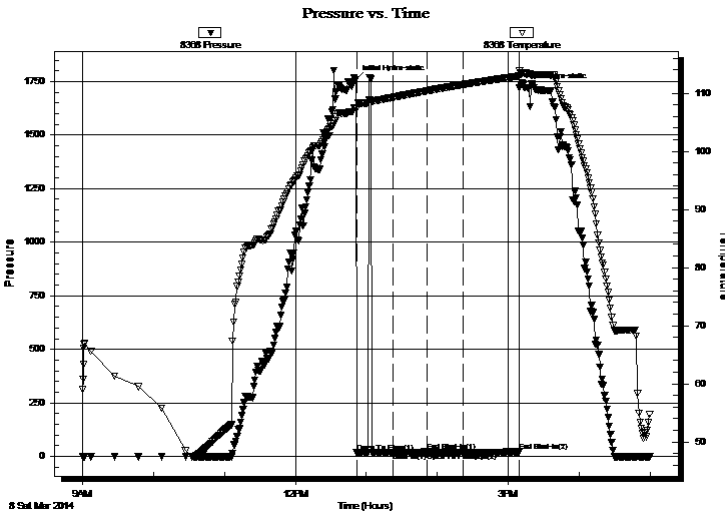
2014.03.08 @ 12:51:15

Time Off Btm:

2014.03.08 @ 15:09:45

TEST COMMENT: 30 - IF - Surface blow built to 1/4" and stayed
30 - ISI - No Return
30 - FF - Blow started with a weak surface blow then died off
45 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1759.74	107.46	Initial Hydro-static
1	17.25	107.38	Open To Flow (1)
32	18.30	109.27	Shut-In(1)
61	21.78	110.38	End Shut-In(1)
61	17.64	110.39	Open To Flow (2)
91	18.52	111.45	Shut-In(2)
139	21.98	112.94	End Shut-In(2)
139	1721.21	113.90	Final Hydro-static

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
10.00	Mud - 100M	0.14

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp

11-3s-29w Decatur,KS

P.O. Box 1913
Enid, OK 73702

Suavage #3-11

Job Ticket: 56908

DST#: 2

ATTN: Clint Musgrove

Test Start: 2014.03.08 @ 09:00:00

GENERAL INFORMATION:

Formation: **LKC-B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:51:45

Time Test Ended: 17:00:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #54

Interval: 3608.00 ft (KB) To 3626.00 ft (KB) (TVD)

Reference Elevations: 2573.00 ft (KB)

Total Depth: 3626.00 ft (KB) (TVD)

2564.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6741

Inside

Press@RunDepth: psig @ 3609.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.08 End Date: 2014.03.08

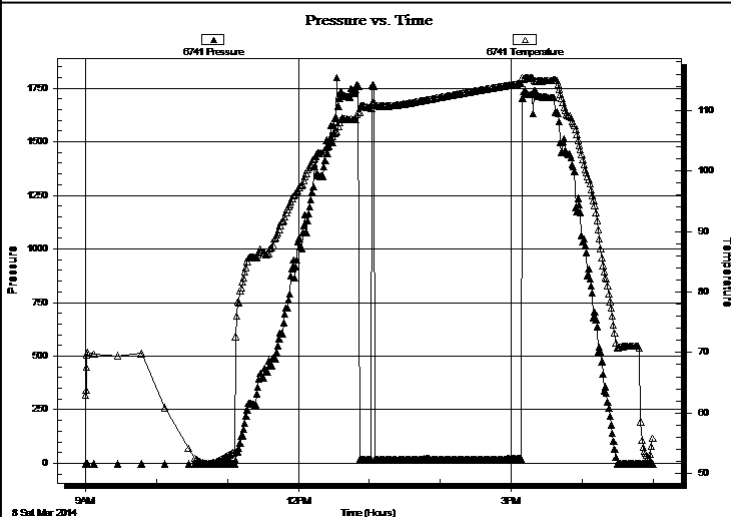
Last Calib.: 2014.03.08

Start Time: 09:00:05 End Time: 17:00:29

Time On Btm:

Time Off Btm:

TEST COMMENT: 30 - IF - Surface blow built to 1/4" and stayed
 30 - ISI - No Return
 30 - FF - Blow started with a weak surface blow then died off
 45 - FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud - 100M	0.14

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp

11-3s-29w Decatur,KS

P.O. Box 1913
Enid, OK 73702

Suavage #3-11

Job Ticket: 56908

DST#: 2

ATTN: Clint Musgrove

Test Start: 2014.03.08 @ 09:00:00

Tool Information

Drill Pipe:	Length: 3608.00 ft	Diameter: 3.80 inches	Volume: 50.61 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose:	60000.00 lb
			<u>Total Volume: 50.61 bbl</u>	Tool Chased	5.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial	40000.00 lb
Depth to Top Packer:	3608.00 ft			Final	40000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	19.00 ft				
Tool Length:	38.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3594.00	
Hydraulic tool	5.00			3599.00	
Packer	4.00			3603.00	19.00 Bottom Of Top Packer
Packer	5.00			3608.00	
Stubb	1.00			3609.00	
Recorder	0.00	8368	Inside	3609.00	
Recorder	0.00	6741	Inside	3609.00	
Perforations	14.00			3623.00	
Bullnose	4.00			3627.00	19.00 Bottom Packers & Anchor
Total Tool Length:	38.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp

11-3s-29w Decatur,KS

P.O. Box 1913
Enid, OK 73702

Suavage #3-11

Job Ticket: 56908

DST#: 2

ATTN: Clint Musgrove

Test Start: 2014.03.08 @ 09:00:00

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: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud - 100M	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

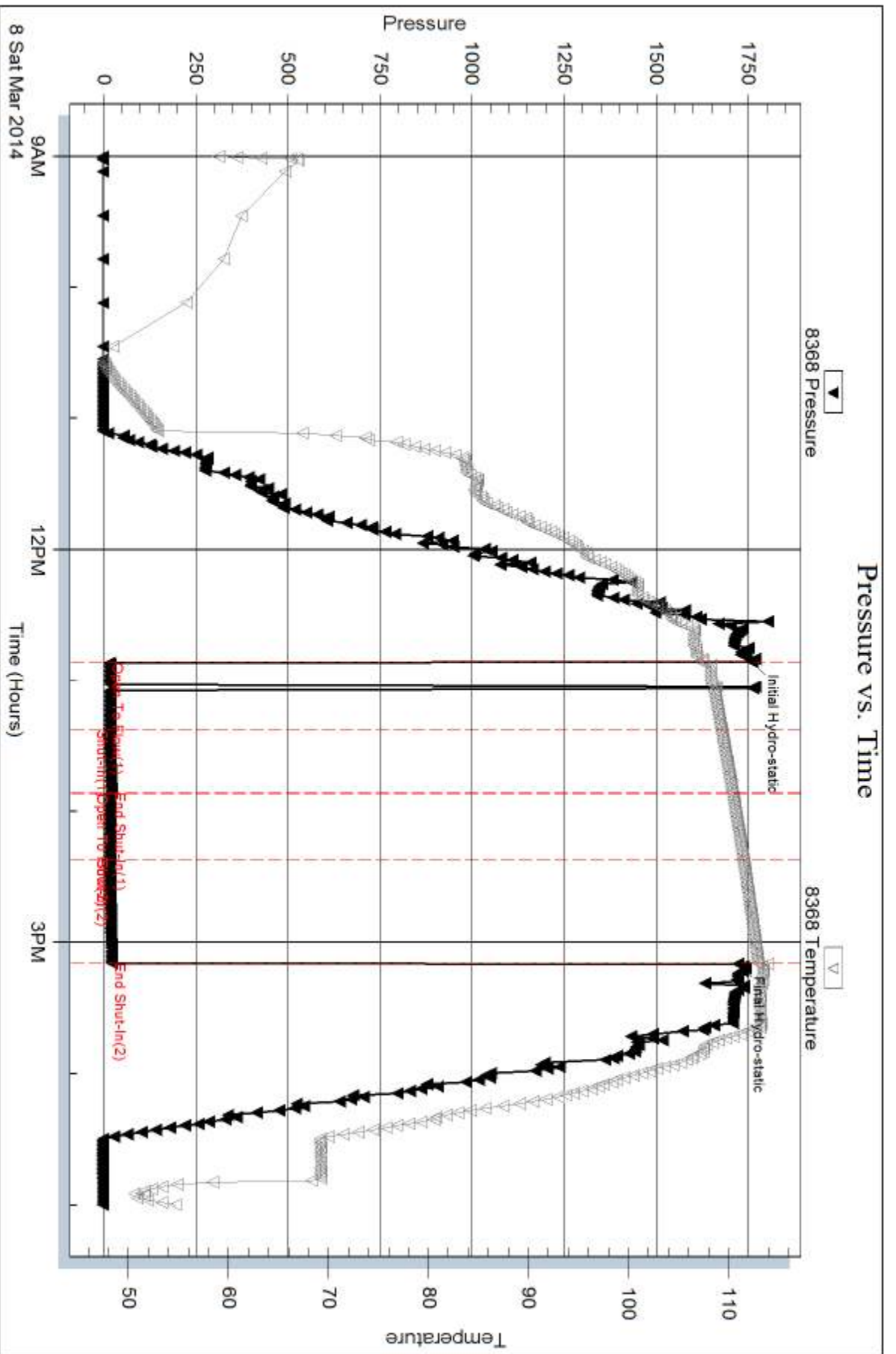
Serial #: 8368

Inside

Blue Ridge Petroleum Corp

Sluavage #3-11

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 56908

Printed: 2014.03.11 @ 15:52:11

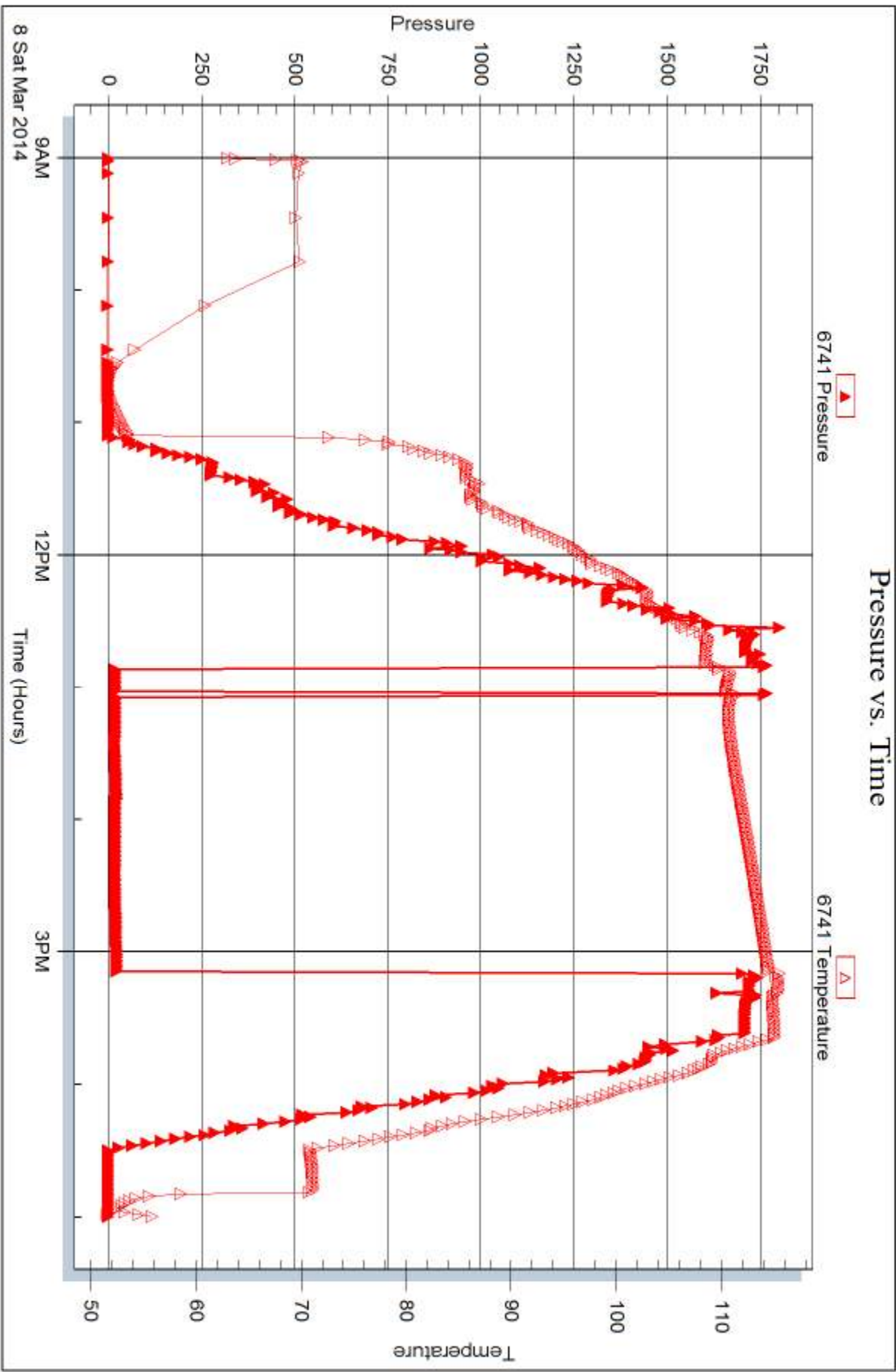
Serial #: 6741

Inside

Blue Ridge Petroleum Corp

Sluavage #3-11

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 56908

Printed: 2014.03.11 @ 15:52:11



DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum Corp**

P.O. Box 1913
Enid, OK 73702

ATTN: Clint Musgrove

Suavage #3-11

11-3s-29w Decatur,KS

Start Date: 2014.03.09 @ 05:45:00

End Date: 2014.03.09 @ 14:03:15

Job Ticket #: 56909 DST #: 3

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

Printed: 2014.03.11 @ 15:51:48



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp

11-3s-29w Decatur, KS

P.O. Box 1913
Enid, OK 73702

Suavage #3-11

Job Ticket: 56909

DST#: 3

ATTN: Clint Musgrove

Test Start: 2014.03.09 @ 05:45:00

GENERAL INFORMATION:

Formation: **LKC D-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:02:15

Time Test Ended: 14:03:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #54

Interval: 3626.00 ft (KB) To 3700.00 ft (KB) (TVD)

Reference Elevations: 2573.00 ft (KB)

Total Depth: 3700.00 ft (KB) (TVD)

2564.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8368

Inside

Press@RunDepth: 372.62 psig @ 3627.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.03.09

End Date: 2014.03.09

Last Calib.: 2014.03.09

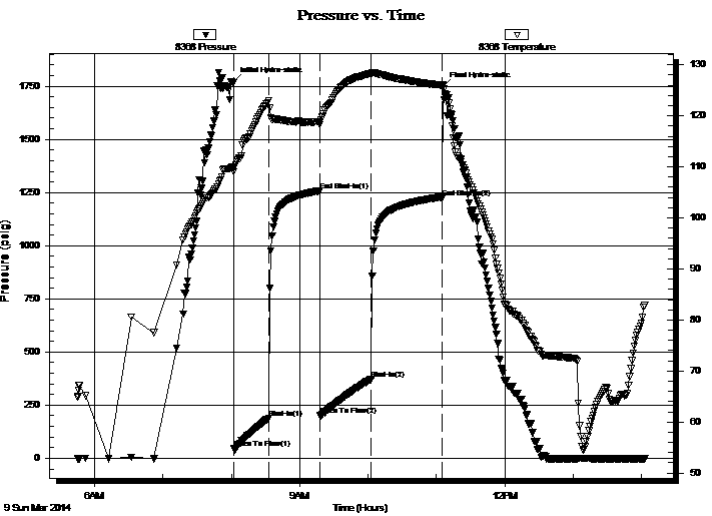
Start Time: 05:45:05

End Time: 14:03:14

Time On Btm: 2014.03.09 @ 08:02:00

Time Off Btm: 2014.03.09 @ 11:05:45

TEST COMMENT: 30 - IF - Surface blow built to bottom of bucket in 10 min.
45 - ISI - No Return
45 - FF - Surface blow built to bottom of bucket in 8 min.
60 - FSI - No Return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1769.30	109.94	Initial Hydro-static
1	45.83	109.09	Open To Flow (1)
31	188.60	122.99	Shut-In(1)
76	1257.74	118.81	End Shut-In(1)
76	202.23	118.20	Open To Flow (2)
121	372.62	128.25	Shut-In(2)
184	1227.11	125.96	End Shut-In(2)
184	1746.65	126.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
382.00	OSWM - 60M - 40W - oil spots	5.36
382.00	OSMW - 30M - 70W - oil spots	5.36

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp

11-3s-29w Decatur,KS

P.O. Box 1913
Enid, OK 73702

Suavage #3-11

Job Ticket: 56909

DST#: 3

ATTN: Clint Musgrove

Test Start: 2014.03.09 @ 05:45:00

Tool Information

Drill Pipe:	Length: 3609.00 ft	Diameter: 3.80 inches	Volume: 50.62 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 50.62 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3626.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	74.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3612.00	
Hydraulic tool	5.00			3617.00	
Packer	4.00			3621.00	19.00 Bottom Of Top Packer
Packer	5.00			3626.00	
Stubb	1.00			3627.00	
Recorder	0.00	8368	Inside	3627.00	
Recorder	0.00	6741	Inside	3627.00	
Perforations	31.00			3658.00	
Change Over Sub	1.00			3659.00	
Drill Pipe	36.00			3695.00	
Change Over Sub	1.00			3696.00	
Bullnose	4.00			3700.00	74.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp

11-3s-29w Decatur,KS

P.O. Box 1913
Enid, OK 73702

Suavage #3-11

Job Ticket: 56909

DST#: 3

ATTN: Clint Musgrove

Test Start: 2014.03.09 @ 05:45:00

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:

80000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
382.00	OSWM - 60M - 40W - oil spots	5.358
382.00	OSMW - 30M - 70W - oil spots	5.358

Total Length: 764.00 ft Total Volume: 10.716 bbl

Num Fluid Samples: 0

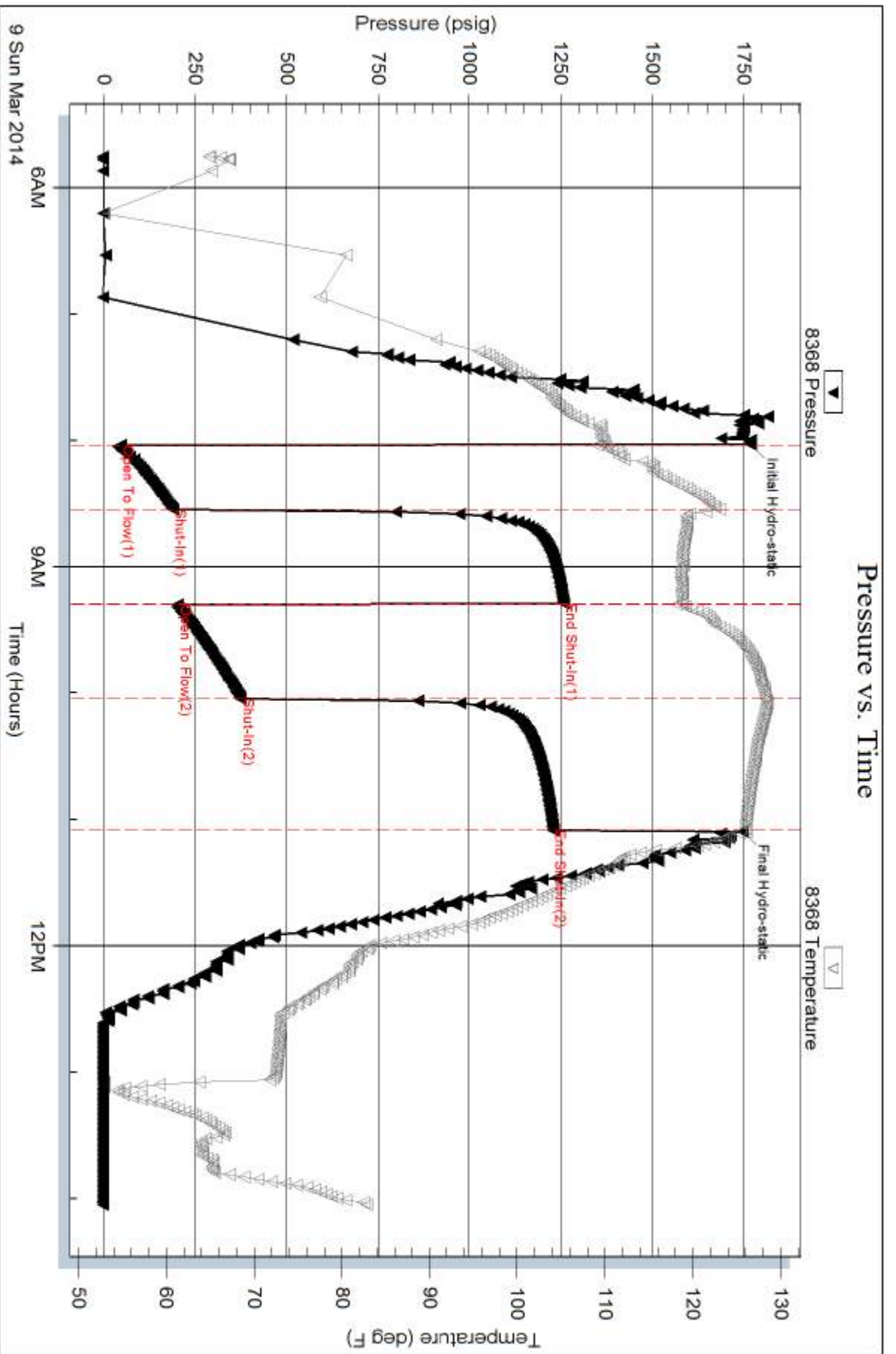
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



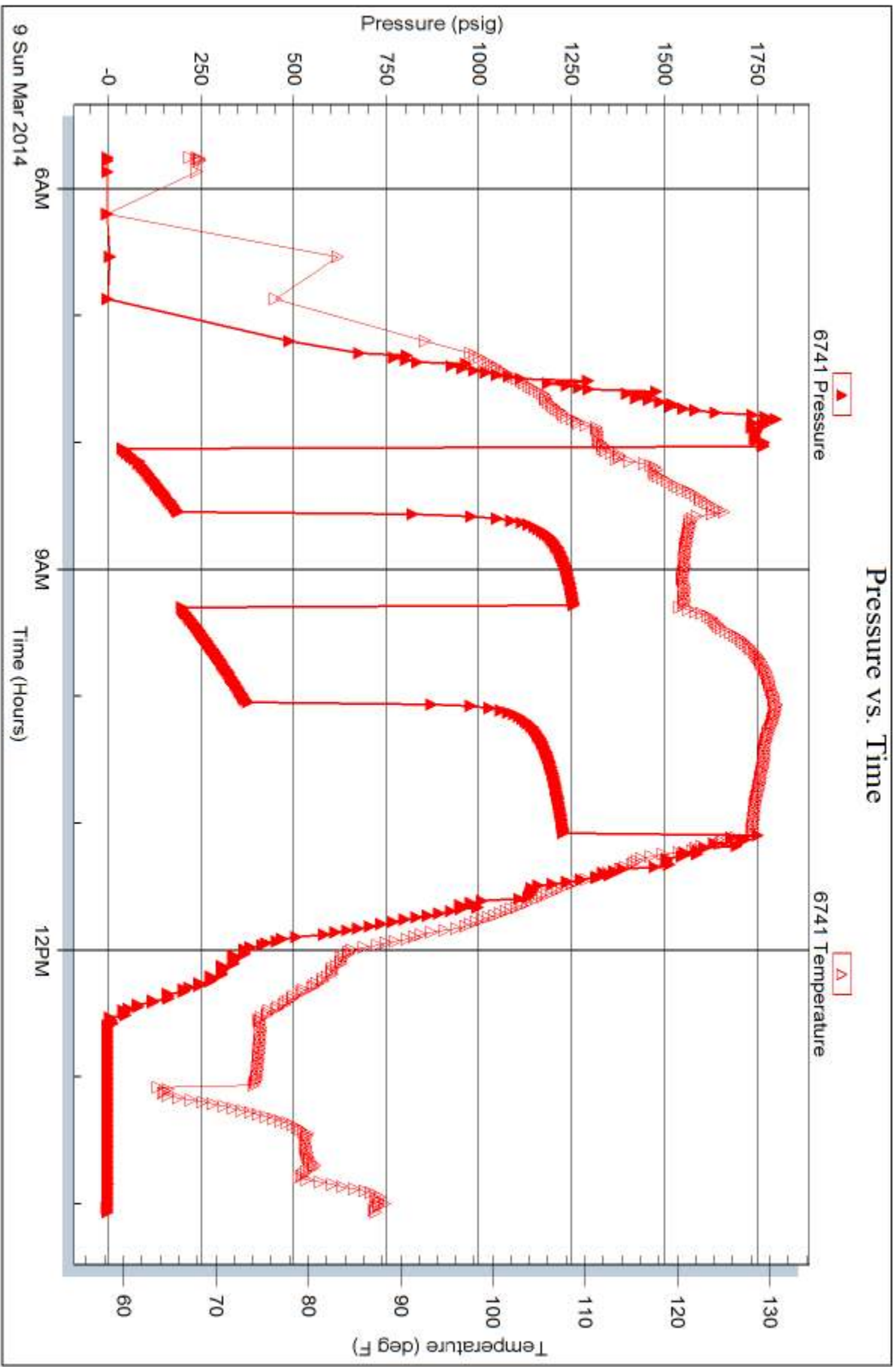
Serial #: 6741

Inside

Blue Ridge Petroleum Corp

Sluavage #3-11

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56907

Well Name & No. Savage #3-11 Test No. 1 Date 3-7-14
 Company Blueridge Petroleum Corp. Elevation 2573 KB 2564 GL
 Address P.O. Box 1913 Enid, OK 73702
 Co. Rep / Geo. Clint Mustgrove Rig Southwind #8
 Location: Sec. 11 Twp. 03S Rge. 29 W Co. Decatur State KS

Interval Tested 3577-3608 Zone Tested LKC-A
 Anchor Length 31' Drill Pipe Run 3570 Mud Wt. 9.1
 Top Packer Depth 3573 Drill Collars Run 0 Vis 50
 Bottom Packer Depth 3577 Wt. Pipe Run 0 WL 5.8
 Total Depth 3608 Chlorides 900 ppm System LCM 2#

Blow Description IF - Surface blow built to 2"
ISI - No Return
FF - 10 min. got a weak surface blow built to 1"
FSL - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>0cm</u>	<u>35</u>		<u>65</u>	
<u>126'</u>	<u>0cm</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 131' BHT 118°F Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1755</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>11:10 am</u>
(B) First Initial Flow <u>50</u>	<input type="checkbox"/> Jars _____	T-Started <u>12:37pm</u>
(C) First Final Flow <u>60</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>4:01pm</u>
(D) Initial Shut-In <u>1,019</u>	<input checked="" type="checkbox"/> Circ Sub _____	T-Pulled <u>7:01pm</u>
(E) Second Initial Flow <u>63</u>	<input checked="" type="checkbox"/> Hourly Standby _____	T-Out <u>9:38</u>
(F) Second Final Flow <u>73</u>	<input checked="" type="checkbox"/> Mileage <u>5 R/T</u> 7.75	Comments <u>based tool 15'</u>
(G) Final Shut-In <u>991</u>	<input type="checkbox"/> Sampler _____	<u>to bottom</u>
(H) Final Hydrostatic <u>1727</u>	<input type="checkbox"/> Straddle _____	<u>Master Pump ←</u>
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby _____	Total <u>1157.75</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1157.75</u>	

Approved By _____ Our Representative [Signature]

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.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56908

Well Name & No. Savage #3-11 Test No. 2 Date 3-8-14
 Company Blueridge Petroleum Corp. Elevation 2573 KB 2564 GL
 Address P.O. Box 1913 Enid, OK 73702
 Co. Rep / Geo. Clint Muskgrave Rig Southwind #8
 Location: Sec. 11 Twp. 3S Rge. 29W Co. Decatur State KS

Interval Tested 3608-3626 Zone Tested LKC-B
 Anchor Length 18' Drill Pipe Run 3608 Mud Wt. 9.1
 Top Packer Depth 3604 Drill Collars Run 0 Vis 50
 Bottom Packer Depth 3608 Wt. Pipe Run 0 WL 5.8
 Total Depth 3626 Chlorides 900 ppm System LCM 2#

Blow Description IF - surface blow built to a 1/4"
ISI - No return
FF - blow started with a weak surface blow then died off
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10'</u>	<u>Mud</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	Feet of	%gas	%oil	%water	%mud

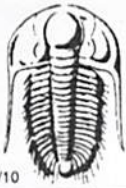
Rec Total 10' BHT 112°F Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1759 Test 1150 T-On Location 8:05am
 (B) First Initial Flow 17 Jars _____ T-Started 9:00am
 (C) First Final Flow 18 Safety Joint _____ T-Open 12:51pm
 (D) Initial Shut-In 21 Circ Sub _____ T-Pulled 3:06pm
 (E) Second Initial Flow 17 Hourly Standby _____ T-Out 5:00pm
 (F) Second Final Flow 18 Mileage 5 R/T 7.75 Comments chased tool
 (G) Final Shut-In 21 Sampler _____ 5ft to bottom
 (H) Final Hydrostatic 1721 Straddle _____ Monster Pump ←

Initial Open 30 Shale Packer _____ Ruined Shale Packer _____
 Initial Shut-In 30 Extra Packer _____ Ruined Packer _____
 Final Flow 30 Extra Recorder _____ Sub Total 0
 Final Shut-In 45 Day Standby _____ Total 1157.75
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1157.75

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 56909

Well Name & No. Savage #3-11 Test No. 3 Date 3-9-14
 Company Blueridge Elevation 2573 KB 2564 GL
 Address P.O. Box 1913 Enid OK 73702
 Co. Rep / Geo. Clint Muskgrave Rig Southwind #8
 Location: Sec. 11 Twp. 3S Rge. 29W Co. Decatur State KS

Interval Tested 3626-3700 Zone Tested LKC-D,E,F
 Anchor Length 74' Drill Pipe Run 3609 Mud Wt. 9.1
 Top Packer Depth 3622 Drill Collars Run 0 Vis 57
 Bottom Packer Depth 3626 Wt. Pipe Run 0 WL 6.0
 Total Depth 3700 Chlorides 1,000 ppm System LCM 2#
 Blow Description IF-Surface blow built to bottom of bucket in 10 min.
ISI-No Return
FF-Surface blow built to bottom of bucket in 8 min.
FSI-No Return

Rec	Feet of	%gas	Spots	%oil	%water	%mud
382'	OSWM			40	60	
382'	OSMW			70	30	

Rec Total 764' BHT 126°F Gravity _____ API RW 128 @ 64 °F Chlorides 80,000 ppm

(A) Initial Hydrostatic 1769 Test 1150 T-On Location 4:45am
 (B) First Initial Flow 45 Jars _____ T-Started 5:45am
 (C) First Final Flow 188 Safety Joint _____ T-Open 8:03am
 (D) Initial Shut-In 1257 Circ Sub N/C T-Pulled 11:03am
 (E) Second Initial Flow 202 Hourly Standby _____ T-Out 2:04pm
 (F) Second Final Flow 372 Mileage 5 R/T 15.50 Comments Chased 5' to bottom
 (G) Final Shut-In 1227 Sampler _____ Monster Pump ←
 (H) Final Hydrostatic 1746 Straddle _____ Ruined Shale Packer _____
 Shale Packer Picked up tool Ruined Packer _____
 Extra Packer 3-10-14 on location Extra Copies _____
 Extra Recorder at 9:00am Sub Total 0
 Day Standby _____ Total 1165.50
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1165.50

Approved By _____ Our Representative Clint Fedor

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.



CONSOLIDATED
Oil Well Services, LLC

266244

TICKET NUMBER 43088

LOCATION _____

FOREMAN Miles Shaw

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

US

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-27-14	1617	Squase # 3-11	11	35	29W	Dekater
CUSTOMER <u>Blue Ridge Petroleum</u>		O-11.5 US South side of town W. side of bridge 1W 15 E. 1/4	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			<u>4567118</u>	<u>Jerrel</u>		
CITY			<u>544</u>	<u>Jeff</u>	<u>Jeremy R</u>	
STATE						
ZIP CODE						

JOB TYPE Surf HOLE SIZE 12 1/4" HOLE DEPTH 223 CASING SIZE & WEIGHT 8 7/8 24 #
 CASING DEPTH 223 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL 1,36 WATER gal/sk _____ CEMENT LEFT In CASING 20
 DISPLACEMENT 13 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and rig upon South wind rig & circulate casing
mix 165 lbs Class A cement with 38 calcium chloride displaced 13 bbls water
Shut in cement to cellar only

Thanks Miles & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1150.00	1150.00 ✓
5406	60	MILEAGE	5.25	315.00 ✓
5407A	7.8 tons	Ten Mileage delivery	1.75	819.00 ✓
11045	1655 lb	Class A cement	18.55	3066.75 ✓
1102	465 #	Calcium chloride	94	437.10 ✓
118B	310 #	Bentonite	.27	83.70 ✓
			Subtotal	5865.55 ✓
			less 10% discount	5278.99 ✓
			Subtotal	5278.99 ✓
			SALES TAX	230.46 ✓
			ESTIMATED TOTAL	5509.45 ✓

completed

Revin 5737

AUTHORIZATION *Donald*

TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

266416

TICKET NUMBER 43048

LOCATION Oakley Co.

FOREMAN Dauen

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

Ks.

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3/10/14	1617	Savage 3-11	11	3	29	Decatur
CUSTOMER Blue Ridge Petroleum						
MAILING ADDRESS						
CITY		STATE	ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
57	Cory		
693	Jake		

JOB TYPE PTA HOLE SIZE _____ HOLE DEPTH 3880 CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2 2300' TUBING _____ OTHER _____
 SLURRY WEIGHT 12.5 To 13 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting Rig up on Southwind #8 Plug as ordered

1st 2300' - 25 SKs
 2nd 1600' - 100 SKs
 3rd 270' - 40 SKs 220 SKs 60/40 4% Gel 1/4" Floseal
 4th 40' - 10 SKs
 Plug Mousehole - 15 SKs
 Plug Rathole - 30 SKs

Thanks Dauen & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5406N	1	PUMP CHARGE	\$1395.00	\$1395.00 ✓
5406	60	MILEAGE	\$5.25	\$315.00 ✓
5407A	9.46	Ton Mileage Delivery	\$1.72	\$993.60 ✓
1131	220 SKs	60/40 Poz mix	\$15.86	\$3489.20 ✓
1118 B	757 #	Bentonite	\$.27	\$204.39 ✓
1107	55 #	Floseal	\$2.92	\$163.35 ✓
4432	1	8 7/8 Wooden Plug	\$100.75	\$100.75 ✓
			SubTotal	\$6661.29 ✓
			Less 10%	\$666.13 ✓
			SubTotal	\$5995.16 ✓
			7.15	SALES TAX
				254.67 ✓
				ESTIMATED
				TOTAL
				6249.83 ✓

completed

Ravin 3737

AUTHORIZATION Dauen

TITLE Tool Pusher

DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this for



Musgrove

Geologist's Report

Company: Blue Ridge Petroleum Corporation
Lease: Sauvage #3-11
Field: Wildcat
Location: SE-NW-SE-SW (756 FSL & 1785 FWL)
Sec: 11 **Twsp:** 3S **Rge:** 29W
County: Decatur **State:** Kansas
GL: 2564 **KB:** 2573

Contractor: Southwind Drilling Rig #8
Spud: 2/27/14 **Comp:** 3/10/14
RTD: 3880 **LTD:** 3859
Mud Up: 3100' **Type Mud:** Chemical/Displaced

Samples Saved From: 3200' to RTD
Drilling Time Kept From: 3200' to RTD
Samples Examined From: 3300' to RTD
Geological Supervision From: 3300' to RTD
Geologist on Well: Clint Musgrove

Surface Casing: 8 5/8" @ 223'
Production: None

Logs: By Nabors: CNL/CDL, DIL, MEL, SONIC

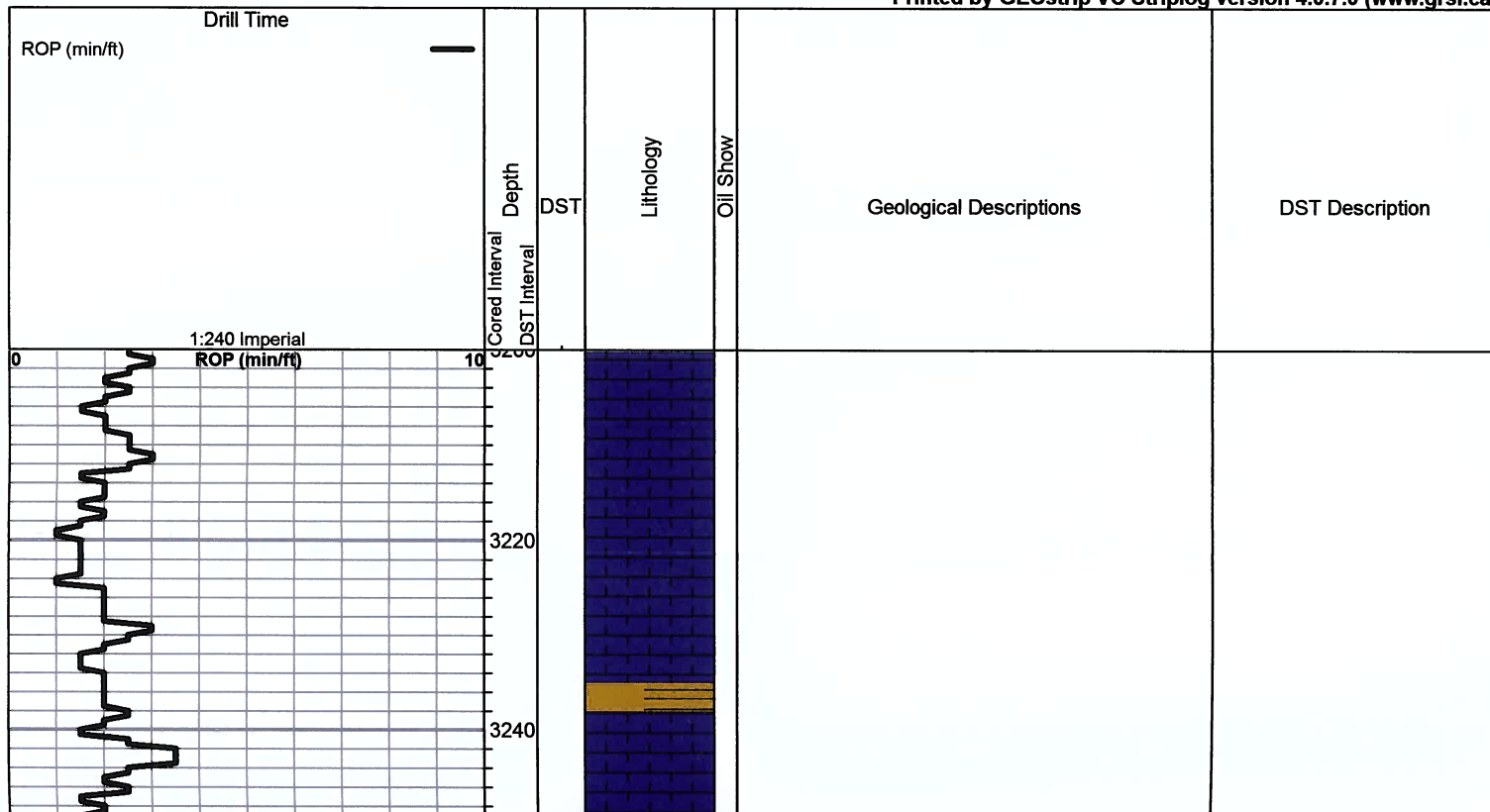
ROCK TYPES

 Lmst fw<7	 shale, gry	 Shcol
 shale, gm	 Carbon Sh	 Ss

OTHER SYMBOLS

DST
 DST Int
 DST alt

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)



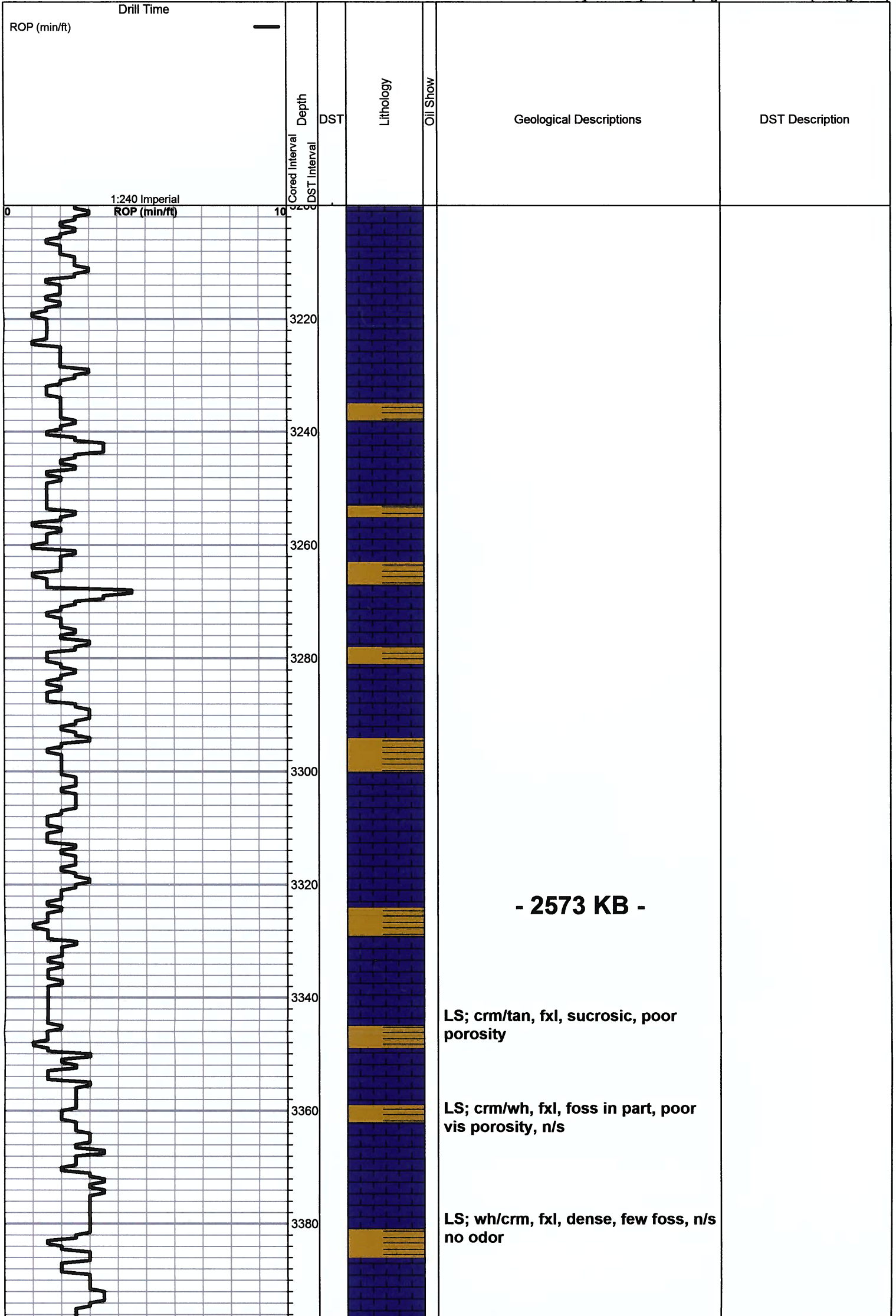
ROCK TYPES

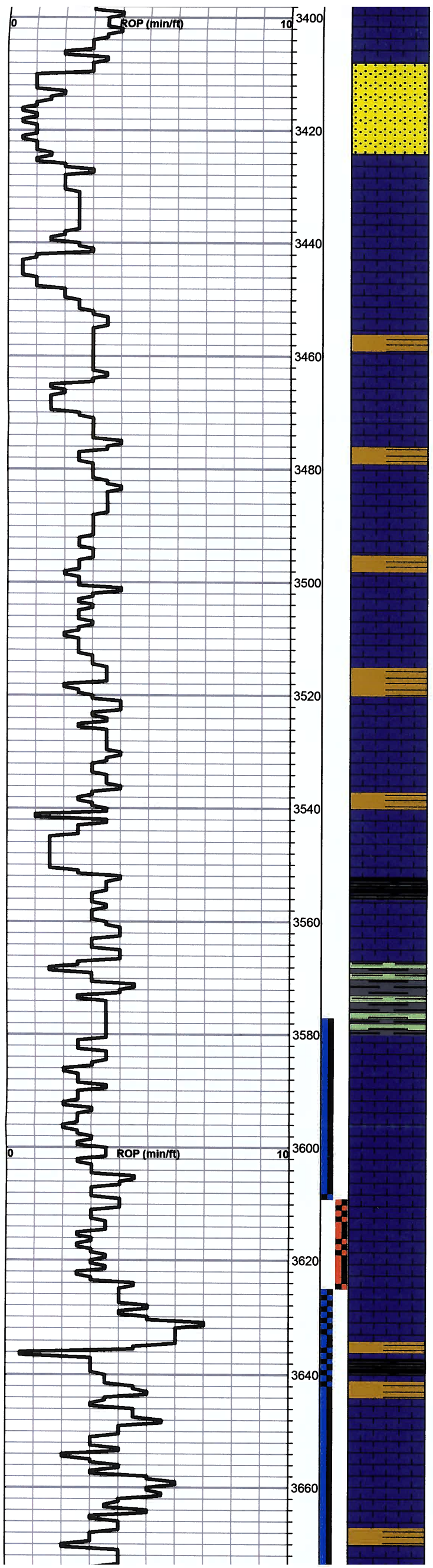
- Lmst fw<7
- shale, gry
- Shcol
- shale, gm
- Carbon Sh
- Ss

OTHER SYMBOLS

- DST**
- DST Int
 - DST alt

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)





Sand; wh, fine graind, sub rounded, poor vis porosity,

Sh. brn/red

LS; crm, fxl, denses, foss, poor porosity

LS; wh/gry, fxl, foss, cherty in part

LS; wh/crm, fxl, poor vis porosity
Tr. suc dol

LS: wh,gry, fxl, chlky, scatt porosity, ft blk stn, n/s

Tr. turq sh

Tr. bk carb sh

LS: crm, fxl, foss, scatt porosity n/s

LS: crm, fxl, chlky, poor porosity, ft blk stn, n/s

Heebner 3552.0 (-979.0) 0.0

black car sh

Sh. gry/green soft

Toronto 3581.0 (-1008.0) 0.0

LS: crm, fxl, scatt porosity, ft blk

Lansing 3590.0 (-1017.0) 0.0
LS: crm, fxl, ft blk stn, sfo when broken, no odor

LS: crm, fxl, good blk stn, sfo w/broken, ft odor w/broken

Poor Sample Quality

LS: crm, fxl, poor porosity, few samples with ft blk stn

LS; crm, gry, fxl, poor porosity n/s

Abundant Red/Gry sh

LS: crm, fxl, ft blk stn, sfo when broken, scatt vis porosity, no odor

LS; crm, fxl, dense, ft blk stn n/s

Poor Sample Quality

**DST #1 3577-3608
30-45-45-60**

Blow: weak surface built to 2 in
2nd Opening: weak surface built to 1 in

Recovery:
5' OCM (35%O, 65% M)
126' OCM (10%O, 90% M)

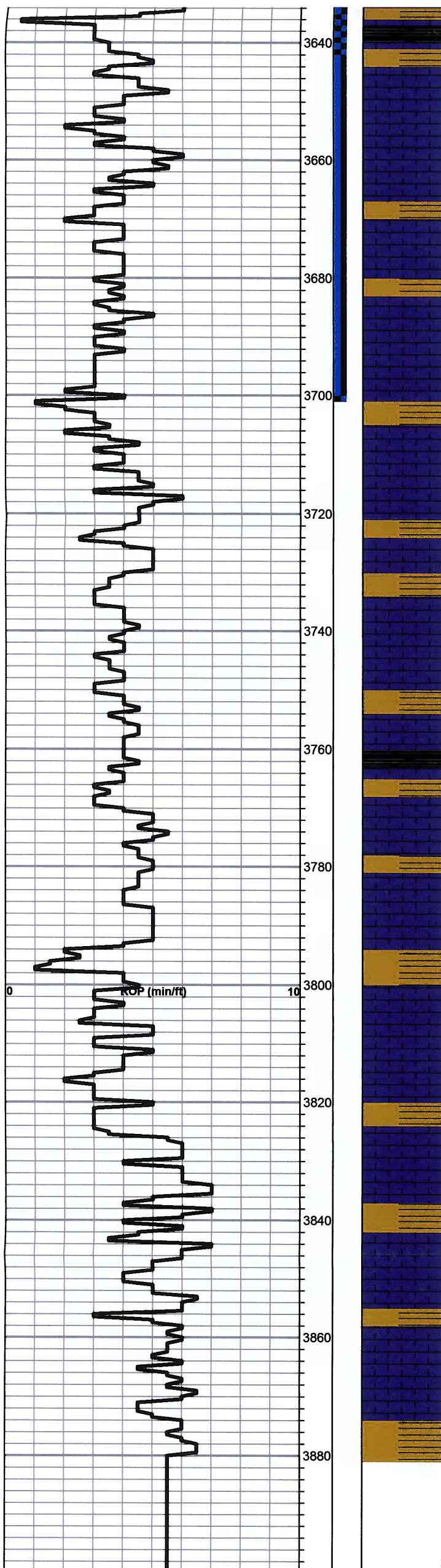
Pressures:
ISIP: 1019 psi
FSIP: 991 psi
IFP: 50-60 psi
FFP: 63-73 psi
HSH: 1755-1727 psi

**DST #2 3608-3626
30-30-30-45**

Blow: surface blow 1/4 in
2nd Opening: weak surface died in 5 min

Recovery:
10' Mud

Pressures:
ISIP: 21 psi
FSIP: 21 psi
IFP: 17-18 psi
FFP: 17-18 psi
HSH: 1759-1721 psi



LS; crm, fxl, tan, poor porosity, no odor

Abundant Red/Gry sh

LS: crm, fxl, ft blk stn, sfo when broken, scatt vis porosity, no odor

LS; crm, fxl, dense, ft blk stn n/s

Poor Sample Quality

Poor Sample Quality

LS: crm, fxl, dense, poor porosity, n/s, no odor

LS; tan, gry, fxl, chlky, poor porosity, n/s

LS: crm, fxl, cherty, poor porosity, n/s

LS: crm, fxl, foss in part, poor porosity/dense

LS: crm, fxl, few ool samples, chlky n/s no odor

Stark 3748.0 (-1175.0) 0.0

LS: crm/tan, fxl, dense, poor vis porosity

Tr. suc dol

LS: crm, tan, foss, cherty, poor vis porosity

LS; wh, gry, poor porosity, chlky

BKC 3793.0 (-1220.0) 0.0

LS; wh/crm, fxl poor vis porosity

AA

LS: crm, fxl, cherty, dense poor vis porosity

AA

LS; crm, fxl, dense, poor porosity

Tr. dol

RTD 3880.0 (-1337.0) 0.0

surface died in 5 min

Recovery:
10' Mud

Pressures:
ISIP: 21 psi
FSIP: 21 psi
IFP: 17-18 psi
FFP: 17-18 psi
HSH: 1759-1721 psi

DST #3 3626-3700
30-45-45-60

Blow: fair BOB 10 mins
2nd Opening: fair BOB 8 mins

Recovery:
382' OSWM (40%W, 60%M w/ oil spots)
382' OSMW (70%W, 30%M w/oil spots)

Pressures:
ISIP: 1257 psi
FSIP: 1227 psi
IFP: 45-188 psi
FFP: 202-372 psi
HSH: 1769-1746 psi