



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1150085
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1150085

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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
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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	Maddy-Heaton Unit 1-5
Doc ID	1150085

All Electric Logs Run

CDN
Dual Induction
Micro
Sonic

Form	ACO1 - Well Completion
Operator	Blue Ridge Petroleum Corporation
Well Name	Maddy-Heaton Unit 1-5
Doc ID	1150085

Tops

Name	Top	Datum
Anhydrite	2018	+456
Topeka	3246	-772
Heebner	3420	-946
Toronto	3452	-978
Lansing	3465	-991
BKC	3651	-1177
Granite Wash	3736	-1262
RTD	3750	-1276

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

June 29, 2013

Jonathan Allen
Blue Ridge Petroleum Corporation
PO BOX 1913
ENID, OK 73702-1913

Re: ACO1
API 15-137-20642-00-00
Maddy-Heaton Unit 1-5
NE/4 Sec.05-03S-24W
Norton 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,
Jonathan Allen



DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum Corp.**

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

5-3s-24w Norton,KS

Maddy-Heaton Unit #1-5

Start Date: 2013.04.15 @ 14:25:00

End Date: 2013.04.15 @ 23:00:00

Job Ticket #: 50656 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.04.23 @ 13:54:45



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

ATTN: Jim Musgrove

Job Ticket: 50656

DST#: 1

Test Start: 2013.04.15 @ 14:25:00

GENERAL INFORMATION:

Formation: **LKC A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:31:30

Time Test Ended: 23:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Kreuzer Jr

Unit No: 61

Interval: 3455.00 ft (KB) To 3500.00 ft (KB) (TVD)

Reference Elevations: 2474.00 ft (KB)

Total Depth: 3500.00 ft (KB) (TVD)

2469.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 670.78 psig @ 3459.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.15

End Date: 2013.04.15

Last Calib.: 2013.04.15

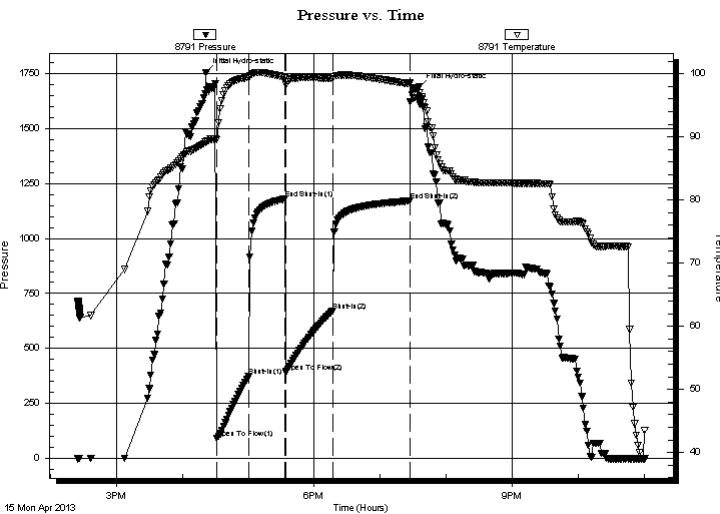
Start Time: 14:25:01

End Time: 23:00:00

Time On Btm: 2013.04.15 @ 16:21:30

Time Off Btm: 2013.04.15 @ 19:35:00

TEST COMMENT: IF: Strong blow , Built to B.O.B in 1 1/2 mins.
IS: Blow back after 1 min. , Built to B.O.B in 22 mins.
FF: Strong blow , Built to B.O.B in 30 secs. GTS in 40 mins.
FS: Blow back after 30 sec. Built to B.O.B in 15 mins. Died to 5 in. over 60 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1755.89	89.22	Initial Hydro-static
10	92.11	89.55	Open To Flow (1)
39	375.19	99.41	Shut-In(1)
72	1180.26	99.44	End Shut-In(1)
73	390.48	98.80	Open To Flow (2)
115	670.78	99.27	Shut-In(2)
185	1170.29	98.40	End Shut-In(2)
194	1688.53	96.21	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1437 Ft of gas in pipe	0.00
120.00	Hgocm-15%g35%o50%m	1.68
465.00	go-50%g50%o	6.52
1395.00	go-30%g70%o	19.57
20.00	go-40%g60%o	0.28

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

Job Ticket: 50656

DST#: 1

ATTN: Jim Musgrove

Test Start: 2013.04.15 @ 14:25:00

Tool Information

Drill Pipe:	Length: 3460.00 ft	Diameter: 3.80 inches	Volume: 48.53 bbl	Tool Weight: 2400.00 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: 65000.00 lb
			<u>Total Volume: 48.53 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3455.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			3440.00	
Hydraulic tool	5.00			3445.00	
Packer	5.00			3450.00	20.00 Bottom Of Top Packer
Packer	5.00			3455.00	
Stubb	1.00			3456.00	
Perforations	3.00			3459.00	
Recorder	0.00	8791	Inside	3459.00	
Recorder	0.00	8651	Outside	3459.00	
Change Over Sub	1.00			3460.00	
Blank Spacing	31.00			3491.00	
Change Over Sub	1.00			3492.00	
Perforations	5.00			3497.00	
Bullnose	3.00			3500.00	45.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

Job Ticket: 50656 **DST#: 1**

ATTN: Jim Musgrove

Test Start: 2013.04.15 @ 14:25:00

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: sec/qt	Cushion Volume: bbl		
Water Loss: 55.82 in ³	Gas Cushion Type:		
Resistivity: 6.20 ohm.m	Gas Cushion Pressure: psig		
Salinity: ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1437 Ft of gas in pipe	0.000
120.00	Hgocm-15%g35%o50%m	1.683
465.00	go-50%g50%o	6.523
1395.00	go-30%g70%o	19.568
20.00	go-40%g60%o	0.281

Total Length: 2000.00 ft Total Volume: 28.055 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8791

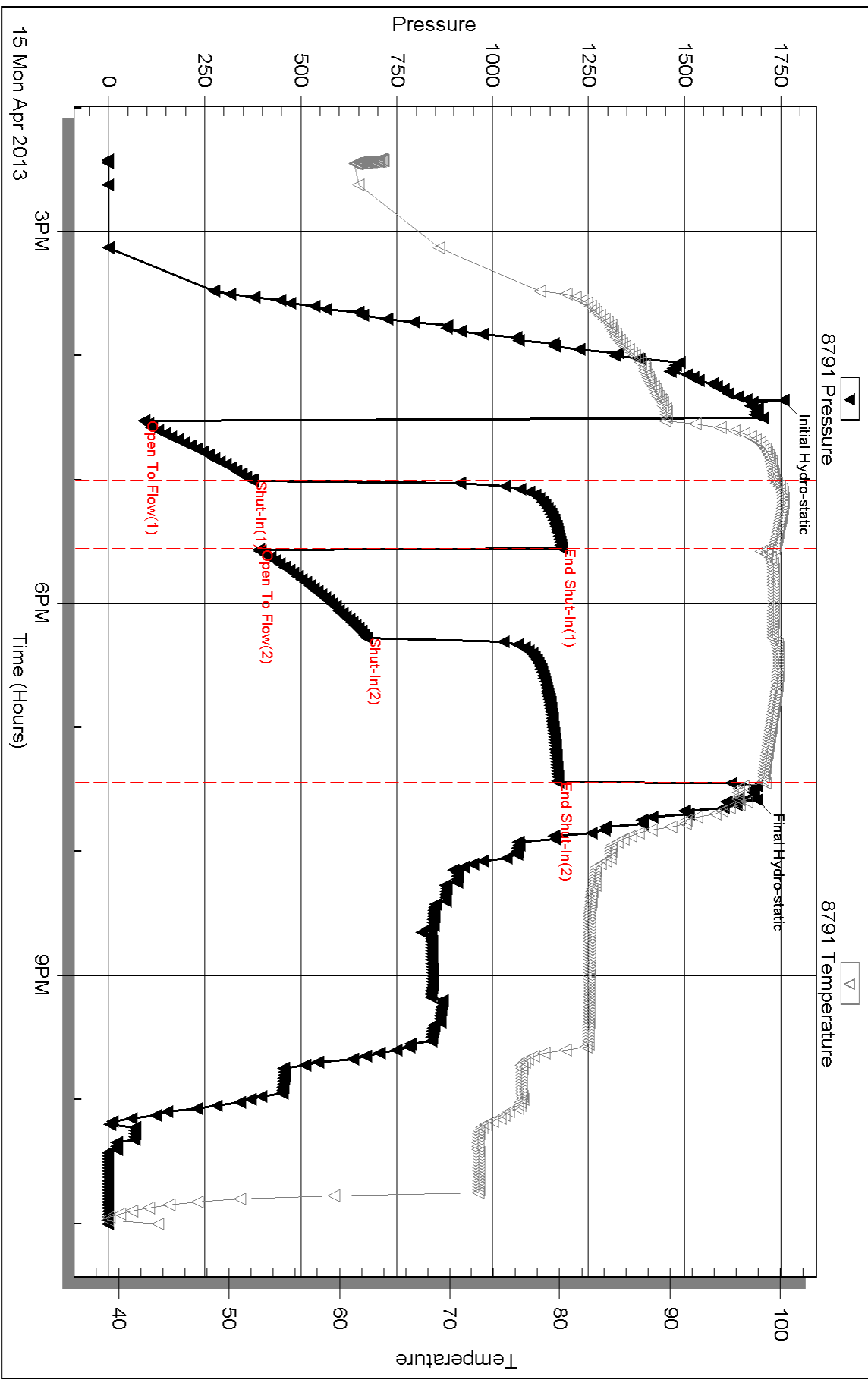
Inside

Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

DST Test Number: 1

Pressure vs. Time

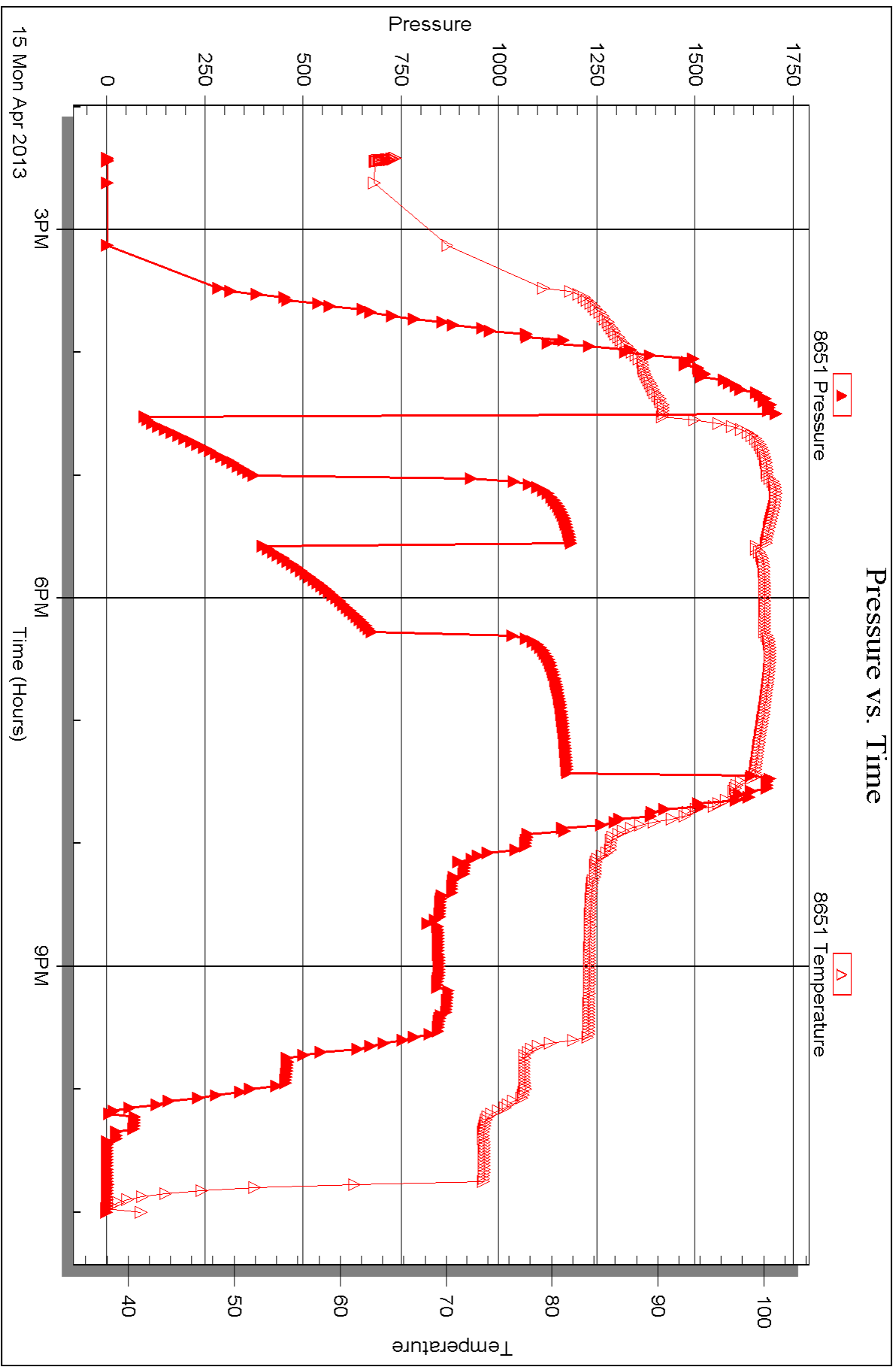


Serial #: 8651

Outside Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum Corp.**

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

5-3s-24w Norton,KS

Maddy-Heaton Unit #1-5

Start Date: 2013.04.16 @ 09:00:00

End Date: 2013.04.16 @ 14:39:00

Job Ticket #: 50657 DST #: 2

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

Printed: 2013.04.23 @ 13:53:49

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

5-3s-24w Norton,KS

DST # 2

LKC D-G

2013.04.16



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

ATTN: Jim Musgrove

Job Ticket: 50657

DST#: 2

Test Start: 2013.04.16 @ 09:00:00

GENERAL INFORMATION:

Formation: **LKC D-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:05:00

Time Test Ended: 14:39:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Kreuzer Jr

Unit No: 61

Interval: 3506.00 ft (KB) To 3547.00 ft (KB) (TVD)

Reference Elevations: 2474.00 ft (KB)

Total Depth: 3547.00 ft (KB) (TVD)

2469.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 35.65 psig @ 3510.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.04.16

End Date:

2013.04.16

Last Calib.: 2013.04.16

Start Time: 09:00:01

End Time:

14:39:00

Time On Btm: 2013.04.16 @ 11:02:30

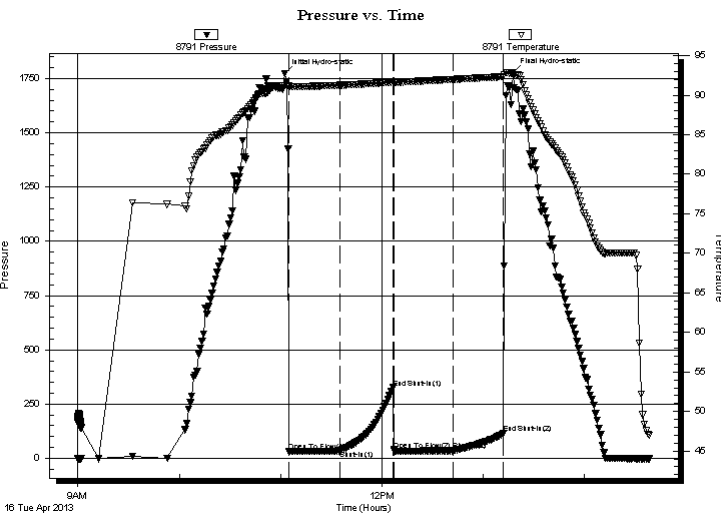
Time Off Btm: 2013.04.16 @ 13:17:30

TEST COMMENT: IF; Weak blow, Surface over 30 mins.

IS: No blow back

FF: No blow,

FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1773.96	91.17	Initial Hydro-static
3	31.18	91.02	Open To Flow (1)
33	35.97	91.24	Shut-In(1)
64	325.07	91.65	End Shut-In(1)
65	39.13	91.51	Open To Flow (2)
100	35.65	91.98	Shut-In(2)
130	113.36	92.33	End Shut-In(2)
135	1778.29	92.56	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	OCM-30%o70%m	0.70

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

ATTN: Jim Musgrove

Job Ticket: 50657

DST#: 2

Test Start: 2013.04.16 @ 09:00:00

Tool Information

Drill Pipe:	Length: 3492.00 ft	Diameter: 3.80 inches	Volume: 48.98 bbl	Tool Weight: 2400.00 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: 48.98 bbl</u>	Tool Chased 2.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3506.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	59.00 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			3491.00	
Hydraulic tool	5.00			3496.00	
Packer	5.00			3501.00	20.00 Bottom Of Top Packer
Packer	5.00			3506.00	
Stubb	1.00			3507.00	
Perforations	3.00			3510.00	
Recorder	0.00	8791	Inside	3510.00	
Recorder	0.00	8651	Outside	3510.00	
Perforations	32.00			3542.00	
Bullnose	3.00			3545.00	39.00 Bottom Packers & Anchor
Total Tool Length:	59.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

Job Ticket: 50657

DST#: 2

ATTN: Jim Musgrove

Test Start: 2013.04.16 @ 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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	OCM-30%o70%m	0.701

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

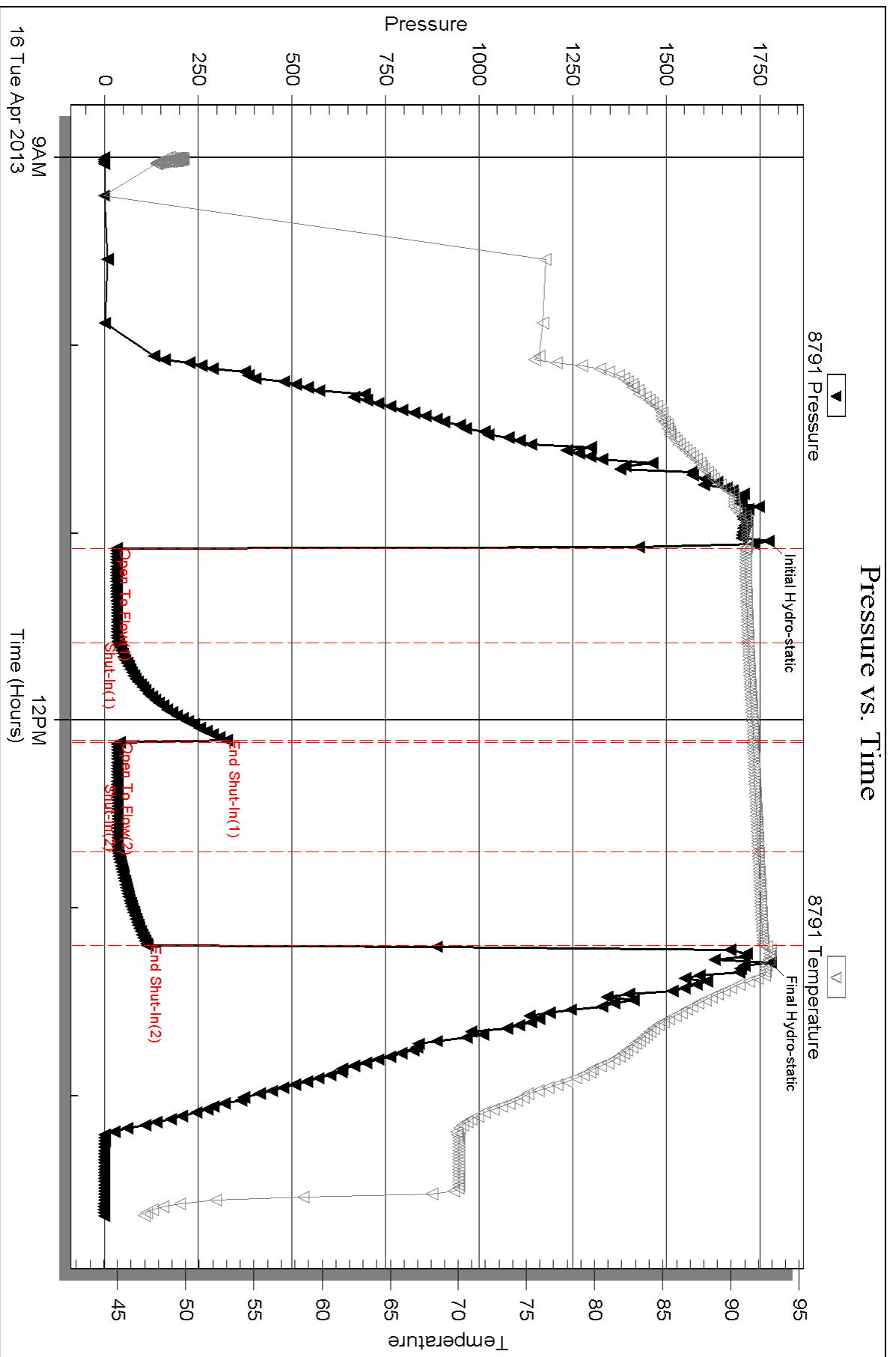
Serial #: 8791

Inside

Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

DST Test Number: 2

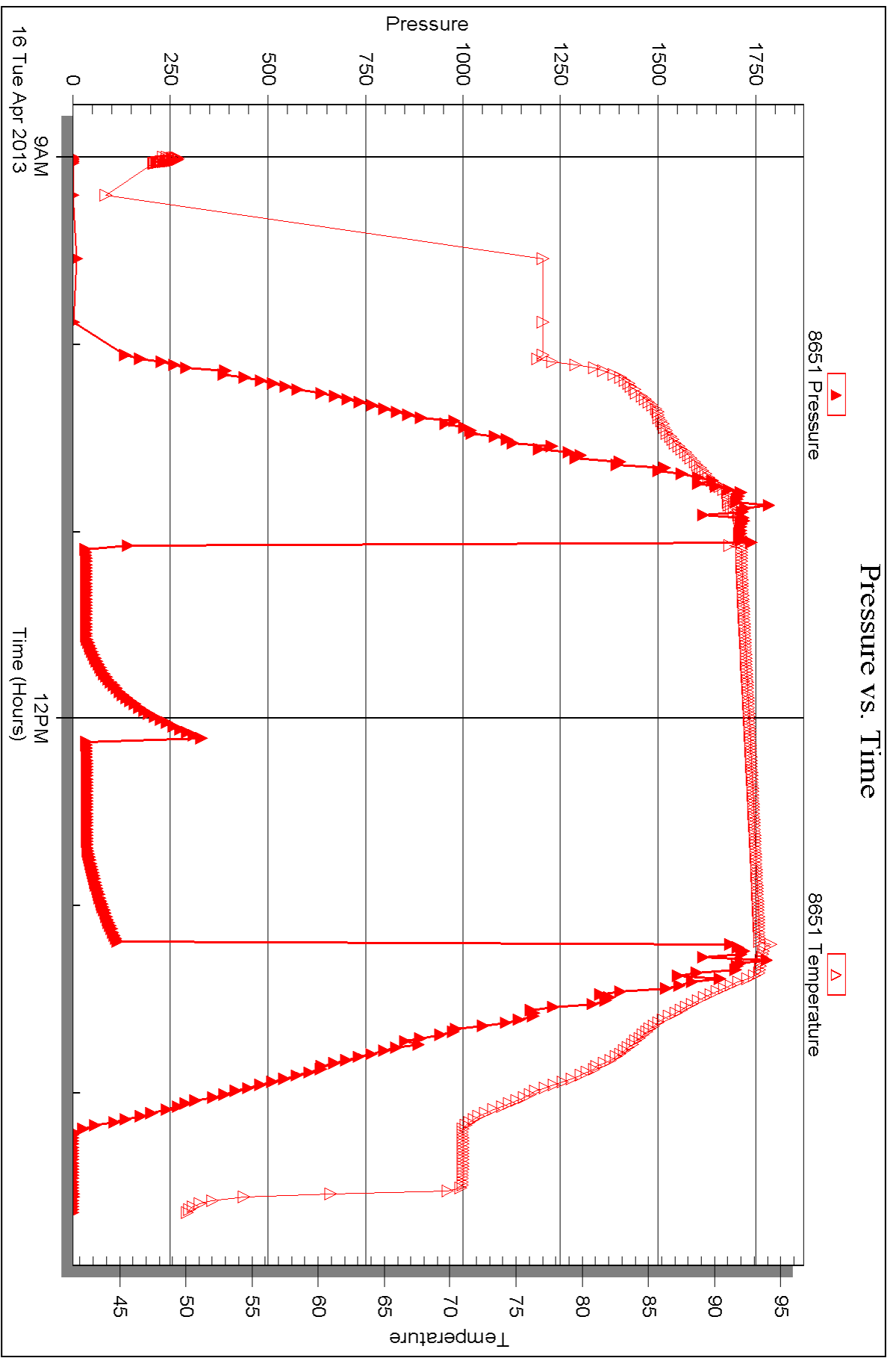


Serial #: 8651

Outside Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 50657

Printed: 2013.04.23 @ 13:53:52



DRILL STEM TEST REPORT

Prepared For: **Blue Ridge Petroleum Corp.**

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

5-3s-24w Norton,KS

Maddy-Heaton Unit #1-5

Start Date: 2013.04.17 @ 03:50:00

End Date: 2013.04.17 @ 12:02:00

Job Ticket #: 50658 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.04.23 @ 13:50:32



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

ATTN: Jim Musgrove

Job Ticket: 50658

DST#: 3

Test Start: 2013.04.17 @ 03:50:00

GENERAL INFORMATION:

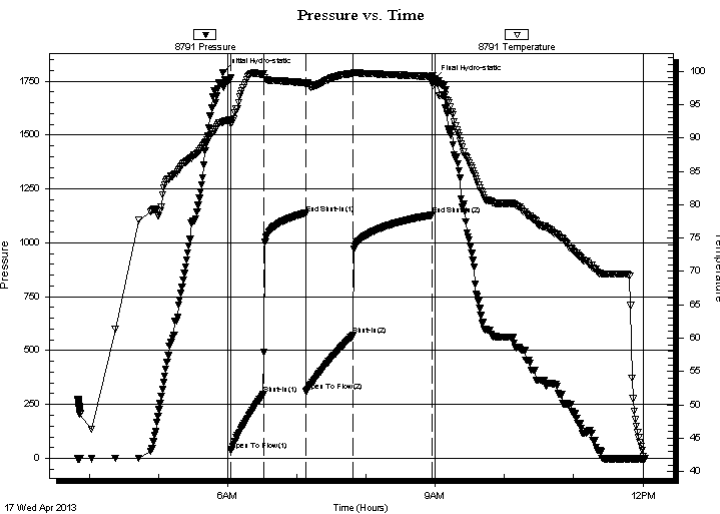
Formation: **LKC H-K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:03:00
 Time Test Ended: 12:02:00
 Interval: **3545.00 ft (KB) To 3646.00 ft (KB) (TVD)**
 Total Depth: 3646.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Chuck Kreuzer Jr
 Unit No: 61
 Reference Elevations: 2474.00 ft (KB)
 2469.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8791

Inside

Press @ Run Depth: 570.09 psig @ 3549.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.04.17 End Date: 2013.04.17 Last Calib.: 2013.04.17
 Start Time: 03:50:01 End Time: 12:02:00 Time On Btm: 2013.04.17 @ 05:56:00
 Time Off Btm: 2013.04.17 @ 08:59:00

TEST COMMENT: IF: Strong blow , Built to B.O.B in 3 mins.
 IS: No blow back
 FF: Strong blow , Built to B.O.B in 3 mins.
 FS: Weak blow back after 20 mins. Built to 1/4 in. over 60 mins.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1790.41	92.35	Initial Hydro-static
7	37.25	92.09	Open To Flow (1)
35	296.69	99.49	Shut-In(1)
72	1134.85	98.28	End Shut-In(1)
72	310.62	98.02	Open To Flow (2)
113	570.09	99.63	Shut-In(2)
181	1128.24	99.18	End Shut-In(2)
183	1758.87	98.47	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
434.00	mcw -5% m95% w	6.09
186.00	gw cm-10% g20% w 70% o	2.61
434.00	gocw m-20% g20% o10% w 50% m	6.09
124.00	gocw m-20% g35% o5% w 40% m	1.74
62.00	gocm-10% g30% o60% m	0.87

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

Job Ticket: 50658

DST#: 3

ATTN: Jim Musgrove

Test Start: 2013.04.17 @ 03:50:00

Tool Information

Drill Pipe:	Length: 3555.00 ft	Diameter: 3.80 inches	Volume: 49.87 bbl	Tool Weight: 2400.00 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
			Total Volume: 49.87 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3545.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	101.00 ft			
Tool Length:	121.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3530.00	
Hydraulic tool	5.00			3535.00	
Packer	5.00			3540.00	20.00 Bottom Of Top Packer
Packer	5.00			3545.00	
Stubb	1.00			3546.00	
Perforations	3.00			3549.00	
Recorder	0.00	8791	Inside	3549.00	
Recorder	0.00	8651	Outside	3549.00	
Change Over Sub	1.00			3550.00	
Blank Spacing	62.00			3612.00	
Change Over Sub	1.00			3613.00	
Perforations	30.00			3643.00	
Bullnose	3.00			3646.00	101.00 Bottom Packers & Anchor

Total Tool Length: 121.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

Maddy-Heaton Unit #1-5

PO Box 1913
Enid OK 73702

5-3s-24w Norton,KS

Job Ticket: 50658

DST#: 3

ATTN: Jim Musgrove

Test Start: 2013.04.17 @ 03:50:00

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:

50000 ppm

Viscosity: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: 0.21 ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
434.00	mcw -5%m95%w	6.088
186.00	gw cm-10%g20%w 70%o	2.609
434.00	gocw m-20%g20%o10%w 50%m	6.088
124.00	gocw m-20%g35%o5%w 40%m	1.739
62.00	gocm-10%g30%o60%m	0.870

Total Length: 1240.00 ft

Total Volume: 17.394 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

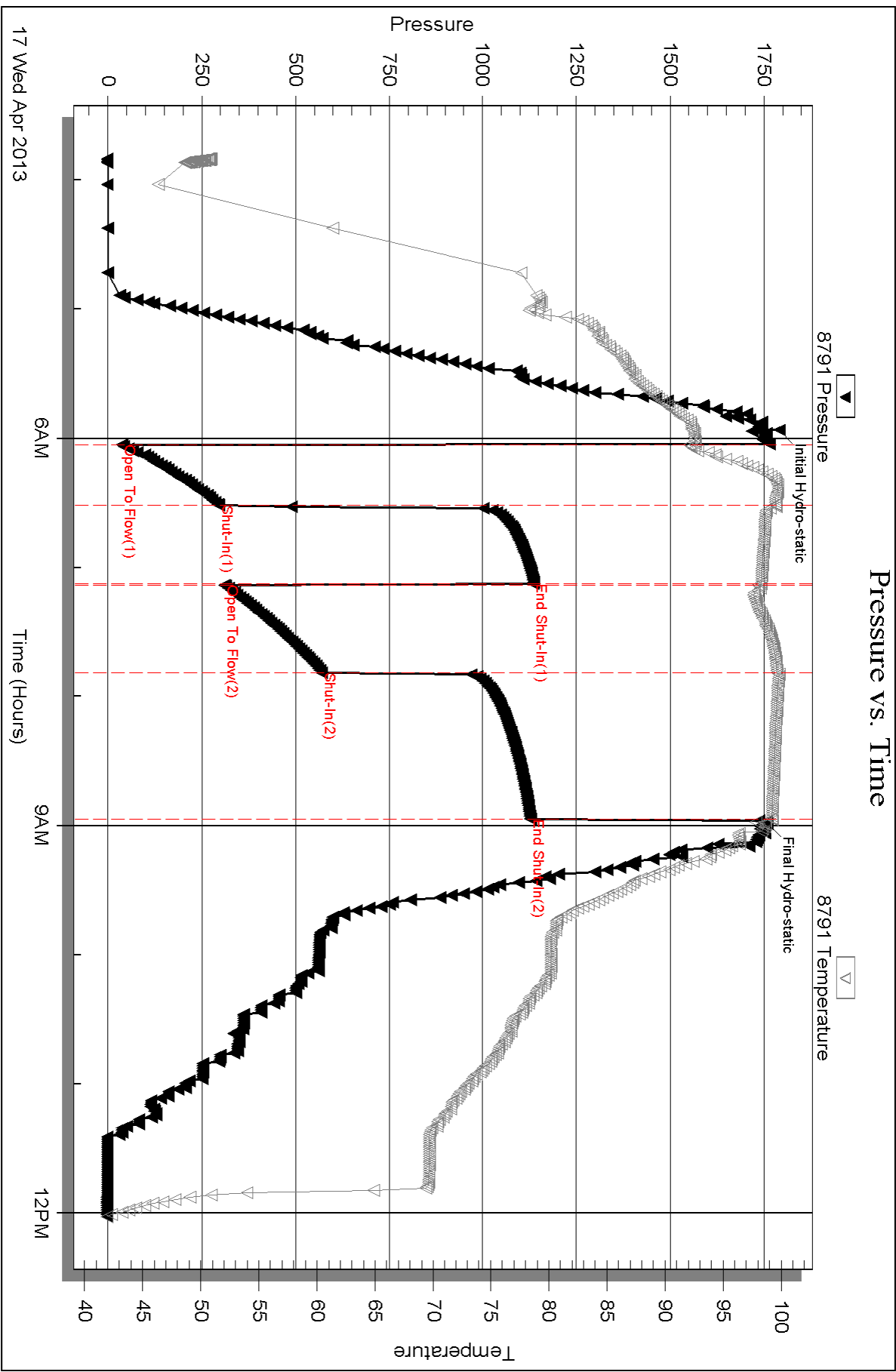
Serial #: 8791

Inside

Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

DST Test Number: 3

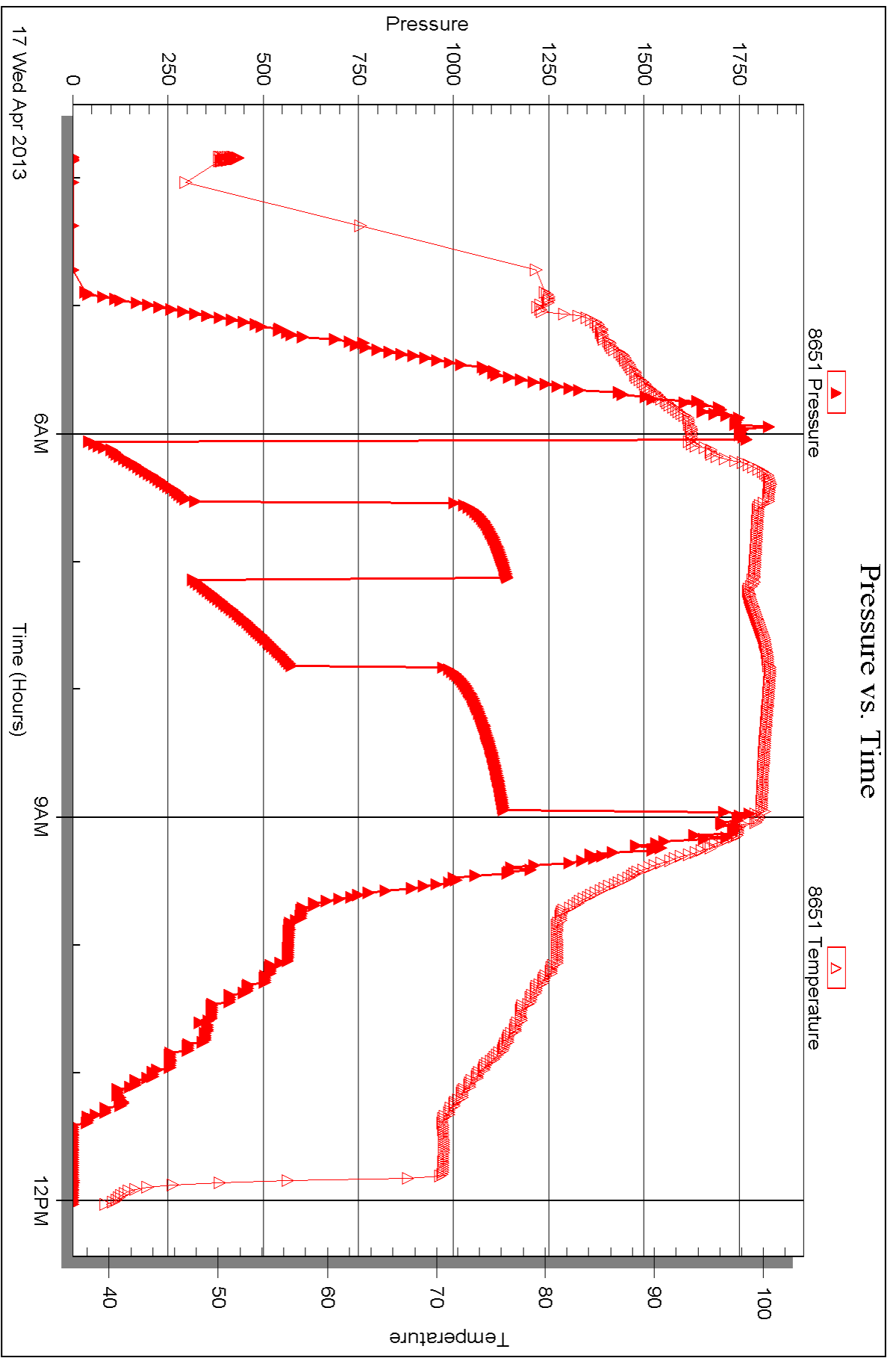


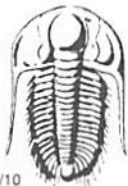
Serial #: 8651

Outside Blue Ridge Petroleum Corp.

5-3s-24w Norton, KS

DST Test Number: 3





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **50656**

Well Name & No. Maddy-Horton unit #1-5 Test No. 1 Date 04-15-13
 Company Blue Ridge Petroleum Corp. Elevation 2474 KB 2469 GL
 Address Po Box 1913 Enid OK 73702
 Co. Rep / Geo. Barry JIM Mugrove Rig L.O.
 Location: Sec. 5 Twp. 3 Rge. 24 Co. Norton State Ks

Interval Tested 3455 3500 Zone Tested LRC-A
 Anchor Length 45 Drill Pipe Run 3460 Mud Wt. 8.8
 Top Packer Depth 3450 Drill Collars Run 0- Vis 56
 Bottom Packer Depth 3455 Wt. Pipe Run 0- WL 6.2
 Total Depth 3500 Chlorides 500 ppm System LCM 2#

Blow Description IF: Strong blow, Built to B.O.B in 1 1/2 mins
ISF: Blow back after 1 min Built to B.O.B in 2 mins
FF: Strong blow Built to B.O.B in 30 secs. Gas to surface 40 mins into flow
FSI: Blow back after 30 secs Built to B.O.B in 15 mins Died back to 5 in. over 60 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>go</u>	<u>40%</u>	<u>60%</u>		
<u>1395</u>	<u>go</u>	<u>30%</u>	<u>70%</u>		
<u>465</u>	<u>go</u>	<u>50%</u>	<u>50%</u>		
<u>120</u>	<u>HPCM</u>	<u>15%</u>	<u>35%</u>		<u>50%</u>
<u>0</u>	<u>1437 ft + gas in pipe</u>				

Rec Total 2000 BHT 99 Gravity 41 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 1756 Test 1150 T-On Location 8:00
 (B) First Initial Flow 92 Jars T-Started 14:25
 (C) First Final Flow 375 Safety Joint T-Open 16:31
 (D) Initial Shut-In 1180 Circ Sub T-Pulled 19:20
 (E) Second Initial Flow 390 Hourly Standby T-Out 23:00

(F) Second Final Flow 679 Mileage 28x2 = 56x2 = 112x1.55
 (G) Final Shut-In 1170 Sampler 173.60
 (H) Final Hydrostatic 1689 Straddle

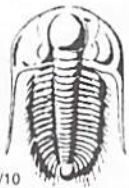
Ruined Shale Packer
 Ruined Packer

Initial Open 30 Extra Packer Extra Copies
 Initial Shut-In 30 Extra Recorder Sub Total 0
 Final Flow 45 Day Standby Total 1323.60
 Final Shut-In 60 Accessibility MP/DST Disc't

Sub Total 1323.60

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. **50657**

4/10

Well Name & No. Madd4-Heaton Unit #1-5 Test No. 2 Date 04-16-13
 Company Blue Ridge Petro Elevation 2474 KB 2469 GL
 Address P.O. Box 1913 Enid OK 73202
 Co. Rep / Geo. JIM Musgrove Rig L-D
 Location: Sec. 5 Twp. 3 Rge. 24 Co. Norton State KS

Interval Tested 3508 3547 Zone Tested LKC-016
 Anchor Length 39 Drill Pipe Run 3492 Mud Wt. 9.0
 Top Packer Depth 3501 Drill Collars Run -0- Vis 54
 Bottom Packer Depth 3506 Wt. Pipe Run -0- WL 6.4
 Total Depth 3547 Chlorides 500 ppm System LCM 2#

Blow Description IF: Weak blow, surface over 30mm
ESI: No blow back
FF: No blow
FSE: No blow back

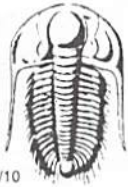
Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>ocm</u>		<u>20</u>		<u>80</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 50 BHT 92 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1774</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>8:30</u>
(B) First Initial Flow <u>31</u>	<input type="checkbox"/> Jars _____	T-Started <u>9:00</u>
(C) First Final Flow <u>36</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>11:05</u>
(D) Initial Shut-In <u>325</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>13:10</u>
(E) Second Initial Flow <u>39</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>14:39</u>
(F) Second Final Flow <u>36</u>	<input checked="" type="checkbox"/> Mileage <u>28x2 = 56x1.55</u> 86.80	Comments _____
(G) Final Shut-In <u>113</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1778</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1236.80</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1236.80</u>	

Approved By _____ Our Representative Chuck Kuyper

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. 50658

Well Name & No. Madd 4 Heaton Unit #1-5 Test No. 3 Date 4-17-2012
 Company Blue Ridge Petro Elevation 2774 KB 2469 GL
 Address P.O. Box 1913 Enid O.K. 73702
 Co. Rep / Geo. Jim Musgrove Rig L.O.
 Location: Sec. 5 Twp. 3 Rge. 24 Co. Norton State Ks

Interval Tested 3545 3646 Zone Tested LKC -H, I, J, K
 Anchor Length 101 Drill Pipe Run 3555 Mud Wt. 9.0
 Top Packer Depth 3540 Drill Collars Run -0- Vis 54
 Bottom Packer Depth 3545 Wt. Pipe Run -0- WL 6.4
 Total Depth 3646 Chlorides 500 ppm System LCM 2#

Blow Description IF: Strong blow, Built to B.O.B in 3 mins.

ISI: No blow back

FF: Strong blow, Built to B.O.B in 3 mins.

FSI: Weak blow back after 20 mins Built to 1/4 in. over 60 mins.

Rec	Feet of	%gas	%oil	%water	%mud
62	gocm	10	30	60	
124	gocm	20	35	5	40
434	gocwm	20	20	10	50
186	gwco	10	70	20	
434	gocwm			95	5

Rec Total 1240 BHT 99.6 Gravity API RW .21 @ 50 ° F Chlorides 50,000 ppm

(A) Initial Hydrostatic 1790 Test 1150 T-On Location 3:30
 (B) First Initial Flow 37 Jars 3:50
 (C) First Final Flow 270 Safety Joint 6:03
 (D) Initial Shut-In 1135 Circ Sub 8:55
 (E) Second Initial Flow 311 Hourly Standby 12:02
 (F) Second Final Flow 570 Mileage 28 x 2 = 56 x 1.55 173.60
 (G) Final Shut-In 1128 ~~Sampler~~ Mileage X4 Load tools
 (H) Final Hydrostatic 1759 Straddle Comments Loaded 1465 at 21:50 on 4/17
 Ruined Shale Packer
 Ruined Packer
 Extra Packer
 Extra Copies
 Extra Recorder
 Sub Total 0
 Total 1323.60
 Day Standby
 Accessibility
 MP/DST Disc't
 Sub Total 1323.60

Approved By _____ Our Representative Chuck Wey

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Office (620) 588-4250
 212 Main St. • P.O. Box 215 • Clarita, KS 67125
 Home (620) 587-3444

GEOLOGIST'S REPORT

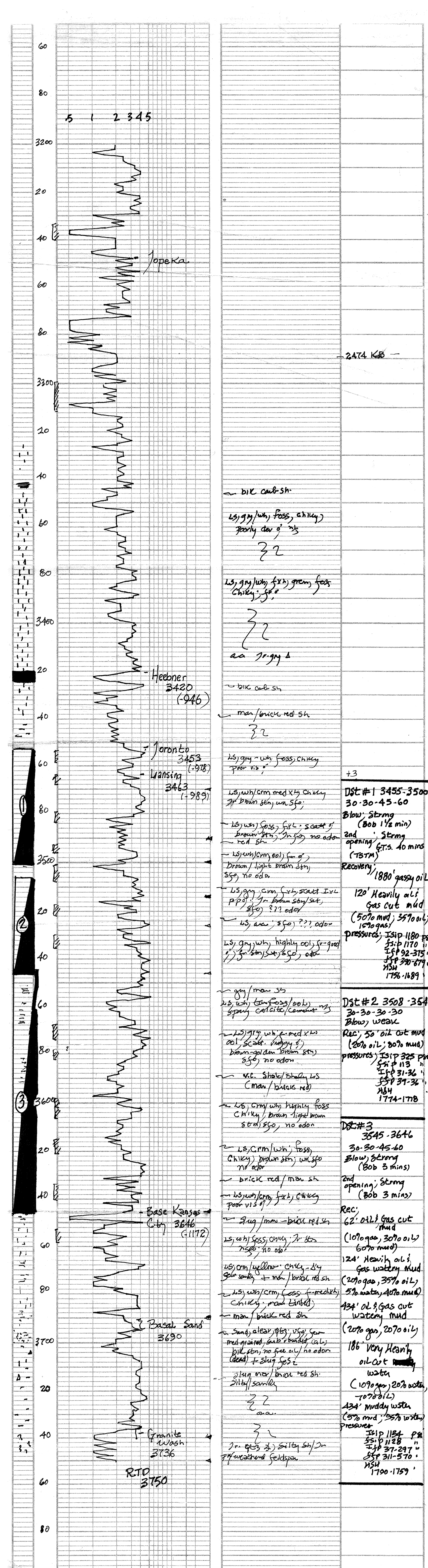
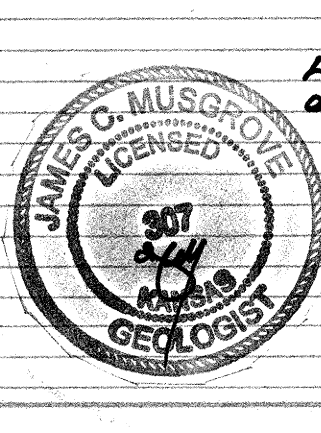
DRILLING TIME AND SAMPLE LOG

COMPANY	Blueridge Petroleum Corp.	ELEVATIONS	
LEASE	Maddy - Heston Unit #1-5	KB	2474
FIELD	Windsor	DF	
LOCATION	SW-1/4 NW-1/4 (40' Full) (2563-F6)	GL	2469
SEC	5 TWP 3 S RGE 24 W	Measurements Are All From	-KB-
COUNTY	Norton STATE Kansas	CASING SURFACE	8391.280
CONTRACTOR	LD Drilling Co. (Fig # 1)	PRODUCTION	5 1/2" UP
SPUD	4-5-2013 COMP 4-18-2013		
RTD	3750 LTD 3740		
MUD UP	TYPE MUD Chemical Displaced		
SAMPLES SAVED FROM	3200		
DRILLING TIME KEPT FROM	3200		
SAMPLES EXAMINED FROM	3300		
GEOLOGICAL SUPERVISION FROM	3400		
GEOLOGIST ON WELL	Jim Musgrove		
FORMATION TOPS	LOG	SAMPLES	
Carbonate	2018	+456	
Base anhydrite	2047	+429	
Topeka	3246	-772	
Heebner	3420	-946	
Toronto	3452	-978	
Wansing	3463	-991	
Base Kansas City	3646	-1172	
Basal Sand	3690	-1216	
Granite Wash	3736	-1262	
RTD	3740	-1266	

REMARKS

5 1/2" Production Casing was Set & Cemented in the Maddy Heston Unit #1-5.

Respectfully submitted:
 James C. Musgrove
 Petroleum Geologist



2474 KB

blk carb sh

ls, gray/wh, foss, cherty
 poorly dev of m's

ls, gray/wh (fx) green, foss
 cherty, sfo

aa gray s

blk carb sh

man/brick red sh

ls, gray-wh, foss, cherty
 poor vis

ls, wh/crm med x sh, cherty
 2nd brown sh, un sfo

ls, wh, foss, fxl, scatt of
 brown sh, un sfo, no odor
 red sh

ls, wh/crm, ool, fxl, sfo
 brown, light brown sh,
 sfo, no odor

ls, gray-crm (fx), scatt fxl
 p.p.o., 2nd brown sh, sat,
 sfo, ??? odor

ls, aa, sfo, ??? odor

ls, gray-wh, highly ool, fr-grat
 2nd brown sh, sat, sfo, odor

gray/man ss

ls, wh (foss/ool)
 spray carbonate, cement m's

ls, gray-wh, med x sh
 ool, scatt, varieg sh,
 brown-golden brown sh,
 sfo, no odor

vic. shale/shaly ls
 (man/brick red)

ls, crm/wh, highly foss
 cherty, brown sh, un sfo,
 no odor

brick red/man sh

ls, wh/crm, fxl, cherty
 poor vis of

slug/man-brick red sh

ls, wh, foss, cherty, 2nd sh
 no odor

ls, crm/yellow, cherty, sly
 few sand, man/brick red sh

ls, wh/crm, foss, f-med cherty
 cherty, man linbed

man/brick red sh

sand, clear, ool, vsg, few
 med grained, sub rounded ool;
 blk sh, no free oil, no odors
 (dead) + slug sfo

slug man/brick red sh
 silty/sandy

aa

fr. ool 2nd silty sh/2nd
 pfw washed feldspar

+3

DST #1 3455-3500

30-30-45-60

Blow Strong (Bob 1 1/2 min)

2nd opening Strong (137M)

Recovery 1880' gassy oil

120' Heavily oil & gas cut mud

(50% mud; 35% oil; 15% gas)

pressures; Isip 1180 psi

Isip 1170 "

Isip 92-375 "

Isip 370-679 "

154

1796-1689 "

DST #2 3508-3547

30-30-30-30

Blow weak

Rec; 50' oil cut mud

(20% oil; 80% mud)

pressures; Isip 325 psi

Isip 113 "

Isip 31-36 "

Isip 31-36 "

154

1774-1778 "

DST #3

3545-3646

30-30-45-60

Blow Strong (Bob 3 mins)

2nd opening Strong (Bob 3 mins)

Rec;

62' oil & gas cut mud

(10% gas, 30% oil, 60% mud)

124' Heavily oil & gas water mud

(20% gas, 35% oil, 5% water, 40% mud)

134' oil & gas cut water mud

(20% gas, 20% oil)

186' Very Heavily oil cut water

(10% gas, 20% water, 70% oil)

134' muddy water (5% mud, 5% water)

pressures

Isip 1184 psi

Isip 1128 "

Isip 37-297 "

Isip 311-570 "

154

1700-1759 "

JOB LOG

SWIFT Services, Inc.

DATE 4-18-13 PAGE NO.

CUSTOMER Blue Ridge Per WELL NO. 1-5 LEASE Maddy-Heaton Unit JOB TYPE 5 1/2 long string TICKET NO. 24047

CHART NO.	TIME	RATE (BPM)	VOLUME (BBB) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1500							on location
								TD 3750 SJ 41
								TP 3737 Inset 3696
								PL mp 40 2051' 5 1/2 x 14"
								centralizers 1-9, 41
								Baskets 39, 40
	1645							Start casing
	1830							Drop Ball Break Circulation
	1930		7					Plug AH 30 sks
	1935	5	12		✓		300	Start Mud Flush
		5	20		✓		300	Start KILL Flush
	1940	5	35		✓		200	Start Cement 145 sks EA-2
	1950							Drop Plug
	1951							wash out Pump + Lines
	1952	0.5						Start Displacing
	2010	6.5	90.1		✓		60 / 1500	land Plug
	2012							Release Dry
	2015							wash up truck Rack MP
	2100							Job complete Thank You Josh, Brian

JOB LOG

SWIFT Services, Inc.

DATE 26 APR 13 PAGE NO.

CUSTOMER BLUE RIDGE PET. WELL NO. 1-2 LEASE MADDY-HEATON JOB TYPE CEMENT PORT COLLAR TICKET NO. 24673

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1200							ON LOCATION
								PORT COLLAR @ 2051
	1224				✓		1000	TEST-HELD
	1227							OPEN PORT COLLAR
	1229	3	127	✓		250		MIX 23DS x 5MD
		3	11	✓		200		DISPLACE CEMENT
								CIRCULATE 20Sx TO PIT
	1325			✓		1000		CLOSE PORT COLLAR - TEST-HELD
								RUN 4 JTS.
	1335	4	20	✓		200		REVERSE CEMENT OUT OF TUBING
	1345							WASH TRUCK
								JOB COMPLETE
								THANKS #115
	1415							JASON JEFF DOUG JOHN