



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1215774
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: _____

1215774

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
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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	Thompson-Smith 4-11
Doc ID	1215774

All Electric Logs Run

Micro
Sonic
CDN
Dual Induction



CONSOLIDATED
Oil Well Services, LLC

268806

TICKET NUMBER 46967
LOCATION Oakley, K.
FOREMAN Damen

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/12/14	1617	Thompson-Smith 4-11	11	3	29	Decatur
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Blue Ridge Petroleum			731	Cory		
MAILING ADDRESS			693	Cody		
CITY						
STATE						
ZIP CODE						

Ko-

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 221 CASING SIZE & WEIGHT 8 7/8, 24"
 CASING DEPTH 221 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 12.8 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting Rig up on South wind Run Casing Break Circulate
With Rig Pump Hookup to Pump Truck mix 165 sks Cem 36cc 26 Gal
Washup Pump & Lines Displace with 12.8 bbl water Shut in Rig Down
Cement Did Circulate

Approx 5 bbl To Pit

Thanks Damen & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
			\$1150.00	\$1150.00
5401S	1	PUMP CHARGE	\$5.35	\$315.00
5406	60	MILEAGE	\$1.75	\$84.00
5407A	7.76	Ton Mileage Delivery		
1104S	165 sks	Class "A" Cement	\$18.55	\$3060.75
1102	465 "	Calcium Chloride	\$.94	\$437.70
1108B	310 "	Bentonite	\$.22	\$83.70
			Sub Total	\$5861.35
			Less 10%	\$586.14
			Sub Total	\$5275.21
			SALES TAX	230.46
			ESTIMATED TOTAL	\$5505.67

Rev'n 3757

AUTHORIZATION Damen 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 f



268982

TICKET NUMBER 46972
 LOCATION Oakley K.
 FOREMAN Dauen

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

FIELD TICKET & TREATMENT REPORT
CEMENT

K6.

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/20/14	1617	Thompson-Smith 4-11	11	3	29	Donatur
CUSTOMER Blue Ridge Petroleum		Oberlin S to Bridge 1/2 W S into				
MAILING ADDRESS		TRUCK #		DRIVER	TRUCK #	DRIVER
		731		Cory		
		693		Steven		
CITY	STATE	ZIP CODE				

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 3850' CASING SIZE & WEIGHT 5 1/2 14"
 CASING DEPTH 3845' DRILL PIPE _____ TUBING _____ OTHER P.C. 22 86
 SLURRY WEIGHT 14 3 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING Shoe Joint 42.14
 DISPLACEMENT 92.78 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting Rig up on Southwind #8 Run Casing + Float Equipment
Turbos # 1-2-5-6-7-38 Baskets # 35-36 Top of Port Collar Top of #37 Circulate
1 hr. Pump 20 bbl KCL water then mix mud Flush Followed by Plugging Mousehole 20 SKS Cement
+ Patch 30 SKS Cement 125 SKS of OWC Cement Down Casing Wash up pump + Lines Displace
with 92.78 bbl Water Land Plug @ 1200' Lift 700' Float Did Hold. Rig Down

Thanks Dauen + Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	\$ 3175.00	\$ 3175.00
5406	60	MILEAGE	\$ 5.25	\$ 315.00
5407A	8.23	Ton Mileage Delivery	\$ 1.75	\$ 864.60
1126	175 SKS	OWC	\$ 23.70	\$ 4147.50
1110A	875 #	Kalseal	\$.56	\$ 490.00
1144G	500 gal	mud Flush	\$ 1.00	\$ 500.00
1142A	2 gal	KCL	\$ 41.10	\$ 82.20
4104	2	5 1/2 Baskets (w)	\$ 290.00	\$ 580.00
4136	6	5 1/2 Turbolizers (w)	\$ 75.75	\$ 454.50
4159	1	5 1/2 AFLL Float Shoe (w)	\$ 433.75	\$ 433.75
4454	1	5 1/2 Latch Down Plug Assy (w)	\$ 567.00	\$ 567.00
4285	1	5 1/2 Port Collar (I) SR # 1404510	\$ 2178.75	\$ 2178.75
			SubTotal	\$ 13788.30
			Less 10%	\$ 1378.83
			SubTotal	\$ 12409.47
			SALES TAX	607.07
			ESTIMATED TOTAL	13016.54

completed

Ravin 3737

AUTHORIZATION [Signature] 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.

JOB LOG

SWIFT Services, Inc.

DATE 6-30-14 PAGE NO. 1

CUSTOMER Blue Ridge Petroleum WELL NO. #4-11 LEASE Thompson-Smith JOB TYPE Part Collar TICKET NO. 26644

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1330							on loc setup Trks
								wait on water 2 7/8" x 5 1/2" P.C. 2286'
	1445						1000	Test CSG CSG to 1000 Psi
	1515	1.5	4				1200	Open P.C. Take rate & check for Blow Blowout rubber / Switch Rubbers
	1535	1.25	0				1000	Start Cement
	1615	3	95				650	Circ Cement / Raise weight
		3	100%				650	End Cement / Start Displacement
	1620		12				300	Cement Displaced
	1625						1000	Close P.C. Test CSG
	1635	3	0					Run 5' jts Reverse out
	1642		20					Hole Clean
								Circ 25 sks to pit
								Thank you Nick, David E & Rob



Geologist's Report

Company: Blueridge Petroleum Corporation
Lease: Thompson-Smith #4-11
Field: Pollnow Southeast
Location: NW-SW-NE-NE (782 FNL & 1233 FEL)
Sec: 11 **Twsp:** 3S **Rge:** 29W
County: Decatur **State:** Kansas
GL: 2563' **KB:** 2572'

Contractor: Southwind Drilling Rig #8
Spud: 6/12/14 **Comp:** 6/19/14
RTD: 3850' **LTD:** 3850'
Mud Up: 3200' **Type Mud:** Chemical/Displaced

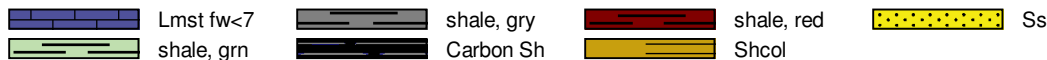
Samples Saved From: 3400' to RTD
Drilling Time Kept From: 3400' to RTD
Samples Examined From: 3400' to RTD
Geological Supervision From: 3400' to RTD
Geologist on Well: Clint Musgrove

Surface Casing: 8 5/8" @ 221'
Production: 5 1/2" @ 3849

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

Well Comparison 25

ROCK TYPES

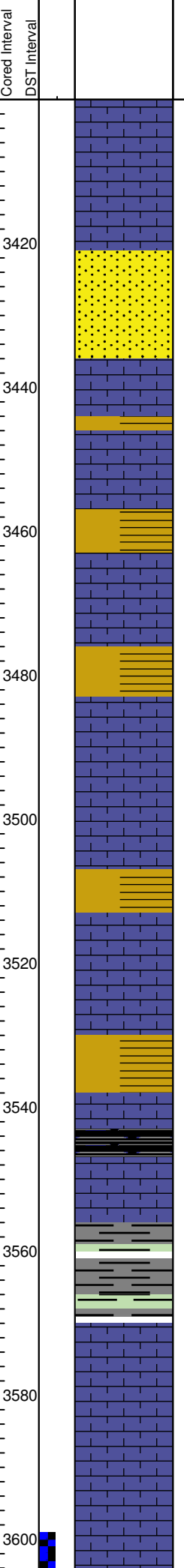
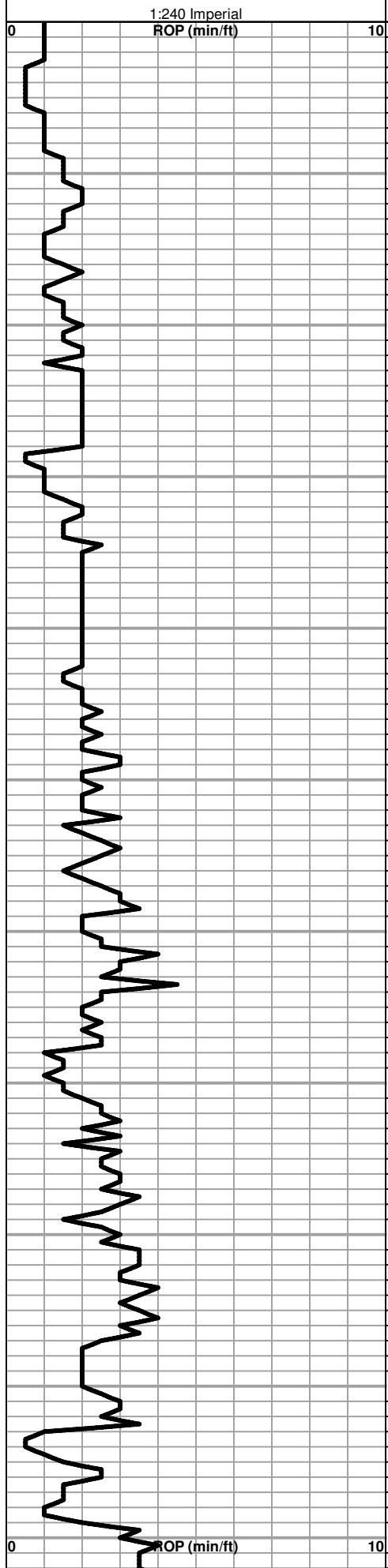


OTHER SYMBOLS

DST
 DST Int
 DST alt

Printed by GEOstrip VC Striplog version 4.0.8.7 (www.grsi.ca)

ROP (min/ft)	Drill Time	Depth	DST	Lithology	Dil Show	Geological Descriptions	DST Description
	—						



LS; wh, crm, ool in part, n/s no odor

LS; wh/crm, fxl, dense n/s

Sand, wh, f grain, well sorted poor porosity, n/s

Red sh

LS; wh, fxl, foss in part, poor vis porosity

AA

LS; wh/gry, fxl, foss, cherty, n/s

LS; crm/tan, f-med xln, dense, sucrosic, cherty, n/s

LS; wh/crm, fxl, ool, foss, chlky in part, scatt ixl porosity, blk/gry stn, sfo (dead) no odor

LS; wh/crm, fxl, chlky, poor vis porosity, tr bk stn ns

Heebner 3545.0 (-973.0) -972.0
Blk carb sh

Shale- gry soft

aa

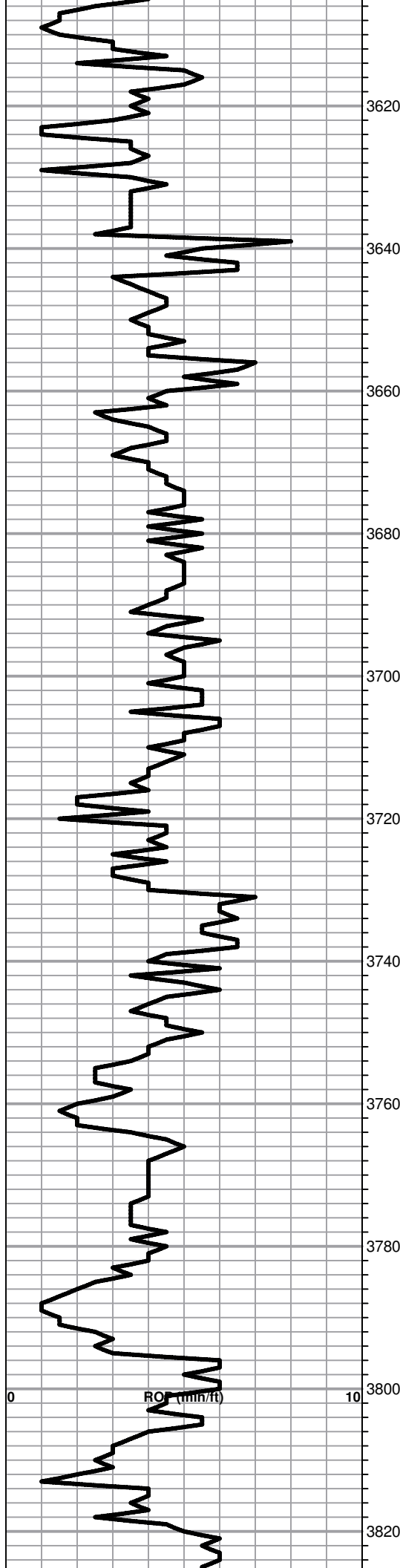
Toronto 3580.0 (-1008.0) - 1014.0
LS; crm/wh, finely oom, fair porosity, chlky, n/s

Lansing 3590.0 (-1018.0) - 1014.0
LS; wh, ook, fxl, scatt vuggy oom porosity, n/s

DST #1 3600-3620
30-30-45-60
Blow: BOB 15 mins min
2nd Opening: BOB 17 mins

Recovery:
346' GIP
94' clean oil
63' OCMW (30%O, 35%M, 35%W)
63' OCMW (5%O, 10% M, 85%W)

Pressures:
ISIP: 741 psi
FSIP: 740 psi
IFP: 16-52 psi
FFP: 57-104 psi



gry/green sh

● LS; wh/gry, fxl, ool, fair to good ixl vuggy porosity, ft stn, sfo, ft odor

● LS; crm/wh,fxl, chlky, ft brn/brk stn, sfo, no odor

Tr red sh

○ LS; crm, fxl, cherty, heavy blk stn

Abundant maroon sh soft

Tr. gry sh soft

● LS; crm, fxl, cherty, fair to poor porosity, sfo, no odor

● LS; crm, fxl, cherty, ft sfo, no odor, poor vis porosity

Sh, VC soft

LS; crm, fxl, opaque chert, n/s

LS; crm, fxl, cherty, poor vis porosity, n/s

Tr. red sh soft

Stark 3738.0 (-1166.0) -1167.0

LS; crm, fxl, cherty, chalky, ft brn stn n/s, poor vis porosity

LS; crm, fxl, foss, cherty, very ft blk stn, nsfo

LS; crm, fxl, abundant opaque chert, dense

Tr red sh soft

BKC 3784.0 (-1212.0) -1214.0

LS; crm, fxl, cherty, dense

Sh, red/gry soft

LS; crm, fxl, dense, n/s, no odor

LS; crm, fxl, ft blk stn, nsfo, poor vis porosity

Abundant maroon sh soft

HSH: 1710-1712 psi

DST #2 3620-3650
Packer Fail

DST #3 3617-3750
30-30-30-45
Blow: little to no blow
2nd Opening: weak surface

Recovery:
68' MW (90%W, 10% M)

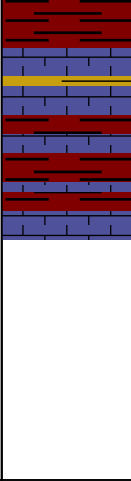
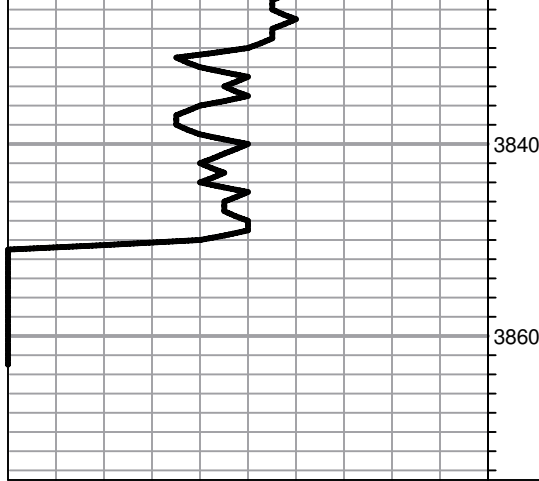
Pressures:
ISIP: 772 psi
FSIP: 773 psi
IFP: 16-34 psi
FFP: 42-47 psi
HSH: 1705-1707 psi

DST #4 3658-3700
30-30-30-45

Blow: weak surface
2nd open: no blow

Recovery:
3' Mud

Pressures:
ISIP: 956 psi
FSIP: 1135 psi
IFP: 12-14 psi
FFP: 13-15 psi
HSH: 1769-1712 psi



Abundant Red sh soft

**LS; crm/tan, fxl, poor vis porosity,
n/s**

RTD 3850.0 (-1278.0) -1278.0



DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

Thompson-Smith #4-11

11-3S-29W Decatur,KS

Start Date: 2014.06.16 @ 12:51:00

End Date: 2014.06.16 @ 19:56:30

Job Ticket #: 58315 DST #: 1

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

Printed: 2014.06.27 @ 09:19:30

Blue Ridge Petroleum Corp.

11-3S-29W Decatur,KS

Thompson-Smith #4-11

DST # 1

LKC - 'B'

2014.06.16



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

ATTN: Jim Musgrove

Job Ticket: 58315

DST#: 1

Test Start: 2014.06.16 @ 12:51:00

GENERAL INFORMATION:

Formation: **LKC - 'B'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:15:45

Time Test Ended: 19:56:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher/Blake H

Unit No: #54

Interval: 3600.00 ft (KB) To 3620.00 ft (KB) (TVD)

Reference Elevations: 2572.00 ft (KB)

Total Depth: 3620.00 ft (KB) (TVD)

2563.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6753

Inside

Press@RunDepth: 104.32 psig @ 3601.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.16

End Date: 2014.06.16

Last Calib.: 2014.06.16

Start Time: 12:51:05

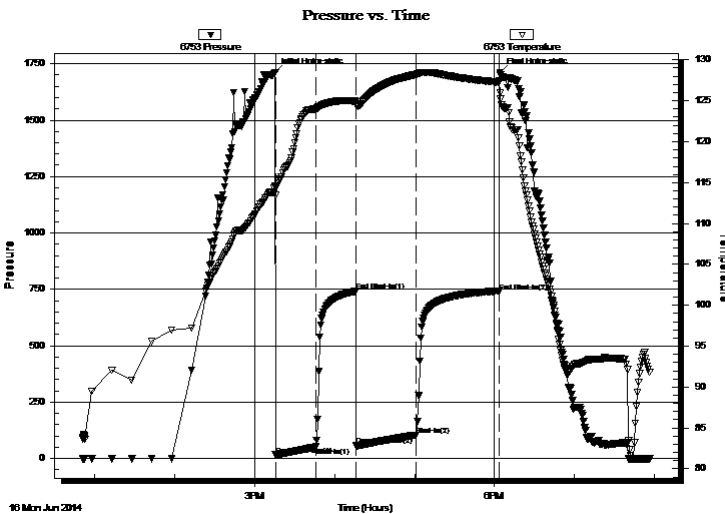
End Time: 19:56:29

Time On Btm: 2014.06.16 @ 15:15:30

Time Off Btm: 2014.06.16 @ 18:04:15

TEST COMMENT: 30 - IF - Surface blow built to bottom of bucket in 15 mins
30 - ISI - Return built to 1/4"
45 - FF - Surface blow built to bottom of bucket in 17 mins
60 - FSI - Return built to 1"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.78	114.65	Initial Hydro-static
1	16.01	113.44	Open To Flow (1)
31	51.75	124.02	Shut-In(1)
61	741.32	124.93	End Shut-In(1)
61	57.47	124.51	Open To Flow (2)
106	104.32	128.23	Shut-In(2)
168	739.92	127.28	End Shut-In(2)
169	1711.71	125.96	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	OCMW - 10M - 85W - 5o	0.88
63.00	OCWM - 35M - 35W - 30o	0.88
94.00	Free Oil - 100o	1.32
0.00	346 - GIP	0.00

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58315 **DST#: 1**

ATTN: Jim Musgrove

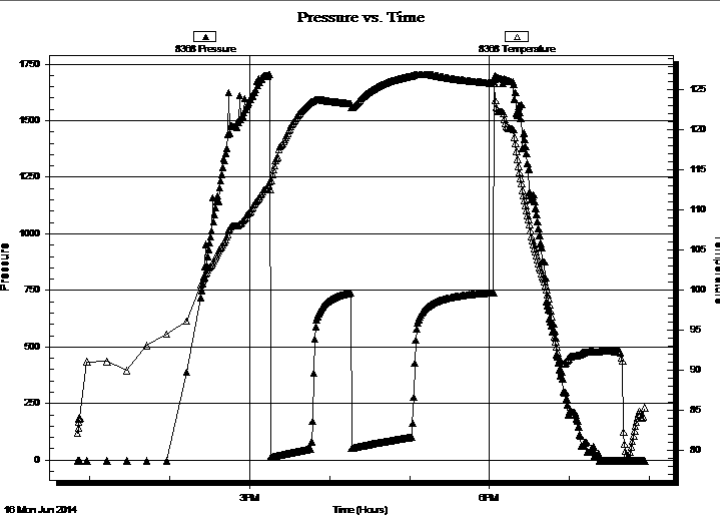
Test Start: 2014.06.16 @ 12:51:00

GENERAL INFORMATION:

Formation: **LKC - 'B'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:15:45
 Time Test Ended: 19:56:30
 Interval: **3600.00 ft (KB) To 3620.00 ft (KB) (TVD)**
 Total Depth: 3620.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Royal Fisher/Blake H
 Unit No: #54
 Reference Elevations: 2572.00 ft (KB)
 2563.00 ft (CF)
 KB to GR/CF: 9.00 ft

Serial #: 8368 Inside
 Press@RunDepth: psig @ 3601.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.06.16 End Date: 2014.06.16 Last Calib.: 2014.06.16
 Start Time: 12:51:05 End Time: 19:56:29 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30 - IF - Surface blow built to bottom of bucket in 15 mins
 30 - ISI - Return built to 1/4"
 45 - FF - Surface blow built to bottom of bucket in 17 mins
 60 - FSI - Return built to 1"



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

Recovery		
Length (ft)	Description	Volume (bbl)
63.00	OCMW - 10M - 85W - 5o	0.88
63.00	OCWM - 35M - 35W - 30o	0.88
94.00	Free Oil - 100o	1.32
0.00	346 - GIP	0.00

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

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58315

DST#: 1

ATTN: Jim Musgrove

Test Start: 2014.06.16 @ 12:51:00

Tool Information

Drill Pipe:	Length: 3602.02 ft	Diameter: 3.80 inches	Volume: 50.53 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: 72000.00 lb
			<u>Total Volume: 50.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.02 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3600.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	20.00 ft			
Tool Length:	39.00 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			3586.00	
Hydraulic tool	5.00			3591.00	
Packer	4.00			3595.00	19.00 Bottom Of Top Packer
Packer	5.00			3600.00	
Stubb	1.00			3601.00	
Recorder	0.00	8368	Inside	3601.00	
Recorder	0.00	6753	Inside	3601.00	
Perforations	15.00			3616.00	
Bullnose	4.00			3620.00	20.00 Bottom Packers & Anchor
Total Tool Length:	39.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58315

DST#: 1

ATTN: Jim Musgrove

Test Start: 2014.06.16 @ 12:51:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 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 bbbl
63.00	OCMW - 10M - 85W - 5o	0.884
63.00	OCWM - 35M - 35W - 30o	0.884
94.00	Free Oil - 100o	1.319
0.00	346 - GIP	0.000

Total Length: 220.00 ft

Total Volume: 3.087 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

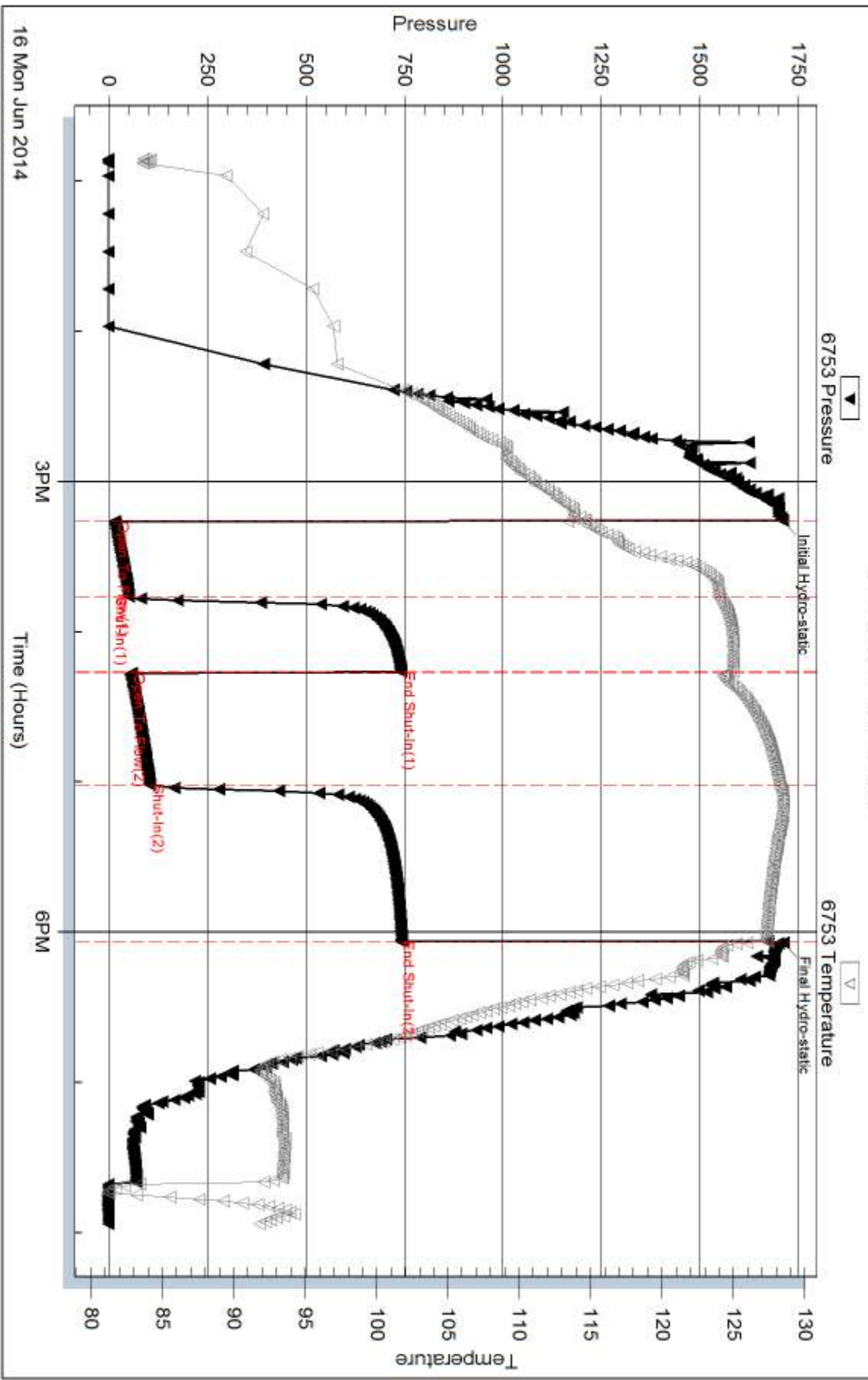
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



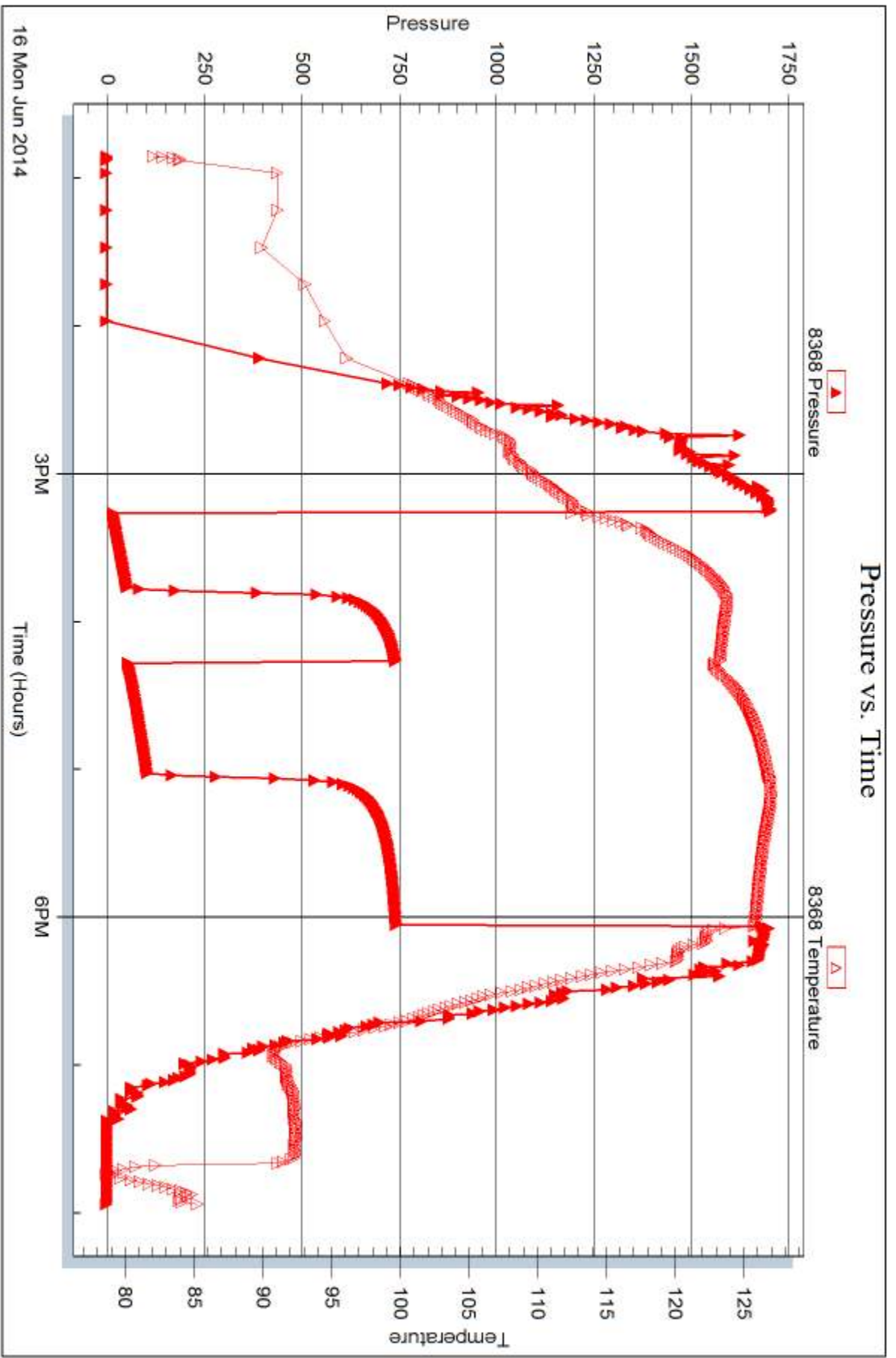
Serial #: 8368

Inside

Blue Ridge Petroleum Corp.

Thompson-Smith #4-11

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 58315

Printed: 2014.06.27 @ 09:19:31



DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

Thompson-Smith #4-11

11-3S-29W Decatur,KS

Start Date: 2014.06.17 @ 04:18:05

End Date: 2014.06.17 @ 11:12:44

Job Ticket #: 58316 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2014.06.27 @ 09:18:51



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58316

DST#: 2

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 04:18:05

GENERAL INFORMATION:

Formation: **LKC - "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:20:45

Time Test Ended: 11:12:44

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: #54

Interval: 3620.00 ft (KB) To 3650.00 ft (KB) (TVD)

Reference Elevations: 2572.00 ft (KB)

Total Depth: 3650.00 ft (KB) (TVD)

2563.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8368

Inside

Press@RunDepth: 35.86 psig @ 3621.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.17

End Date:

2014.06.17

Last Calib.:

2014.06.17

Start Time: 04:18:05

End Time:

11:12:44

Time On Btm:

2014.06.17 @ 06:20:00

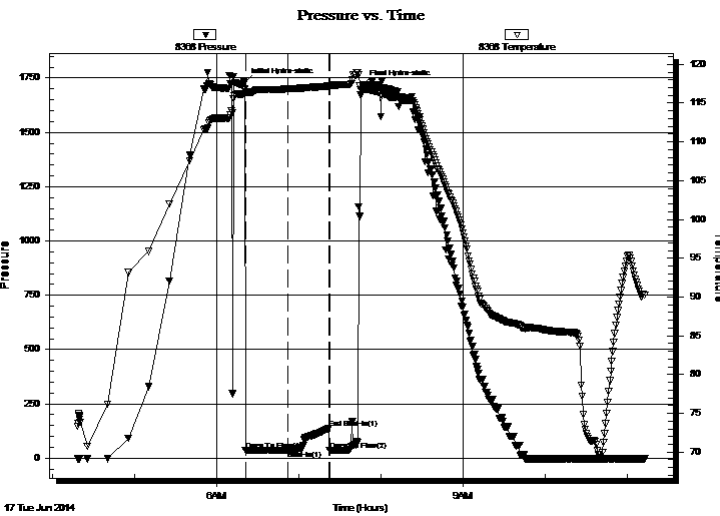
Time Off Btm:

2014.06.17 @ 07:46:45

TEST COMMENT: 30 - IF - Started with weak surface blow died after 15 minutes.

30 - ISI - No return

Packer failure at the end of the second Flow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1729.60	116.77	Initial Hydro-static
1	34.61	116.44	Open To Flow (1)
32	35.86	116.85	Shut-In(1)
62	139.03	117.20	End Shut-In(1)
63	36.00	117.15	Open To Flow (2)
87	1721.21	116.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

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

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58316

DST#: 2

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 04:18:05

Tool Information

Drill Pipe:	Length: 3634.04 ft	Diameter: 3.80 inches	Volume: 50.98 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: 72000.00 lb
			<u>Total Volume: 50.98 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	33.04 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3620.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	30.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Packer Failure

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3606.00	
Hydraulic tool	5.00			3611.00	
Packer	4.00			3615.00	19.00 Bottom Of Top Packer
Packer	5.00			3620.00	
Stubb	1.00			3621.00	
Recorder	0.00	8368	Inside	3621.00	
Recorder	0.00	6753	Inside	3621.00	
Perforations	25.00			3646.00	
Bullnose	4.00			3650.00	30.00 Bottom Packers & Anchor
Total Tool Length:	49.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58316

DST#: 2

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 04:18:05

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 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 bbbl

Total Length: ft

Total Volume: bbl

Num Fluid Samples: 0

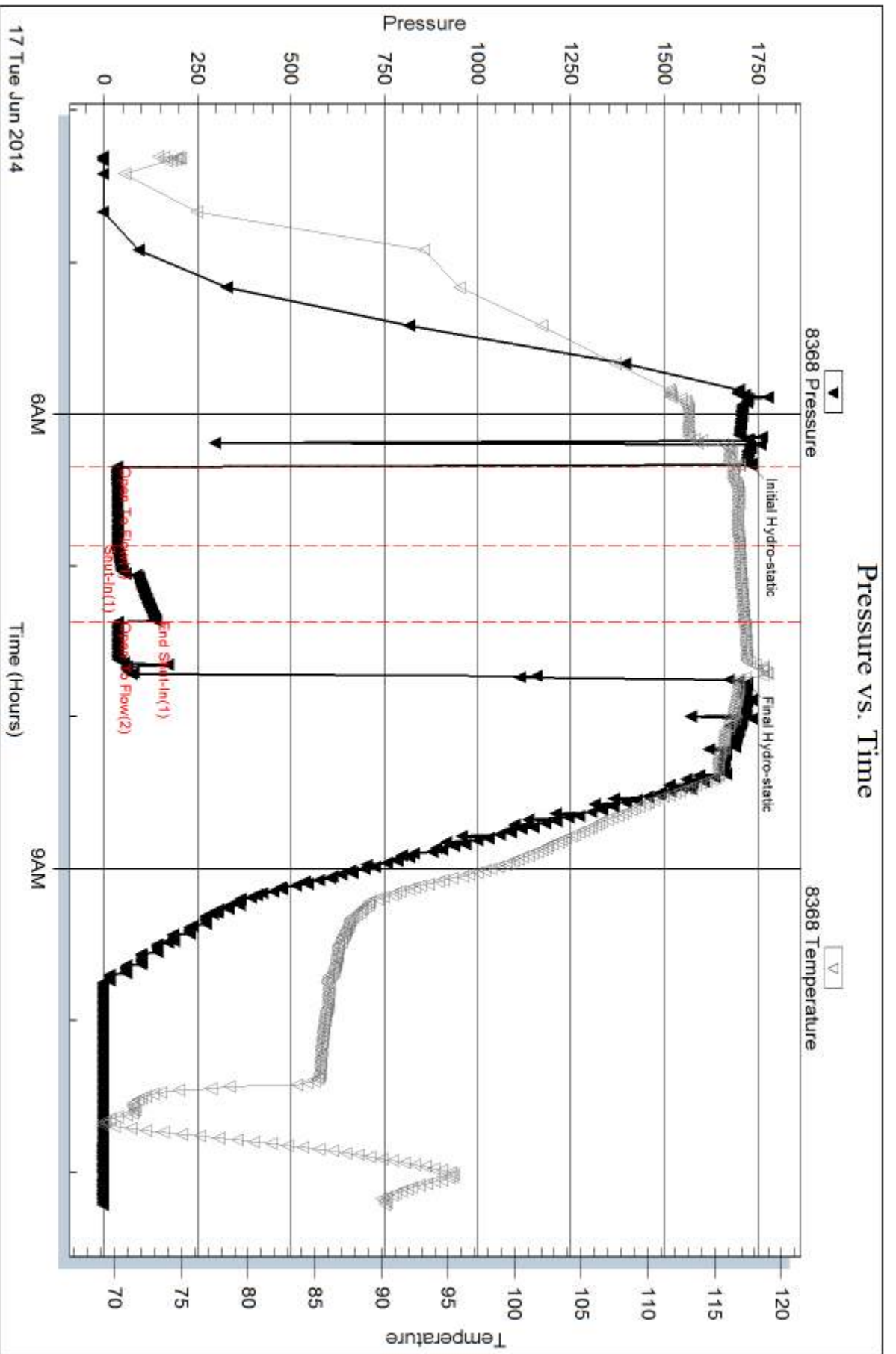
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



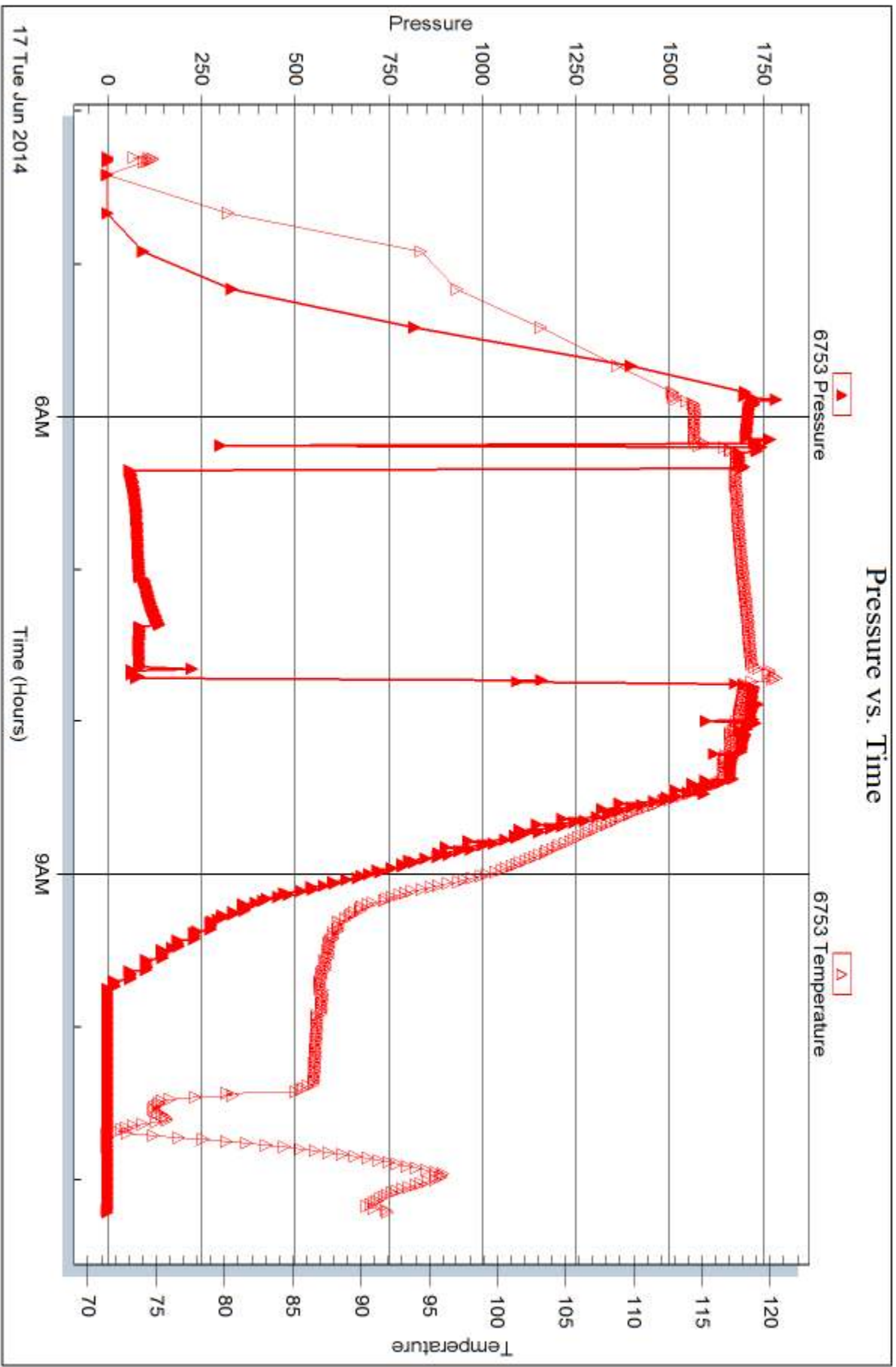
Serial #: 6753

Inside

Blue Ridge Petroleum Corp.

Thompson-Smith #4-11

DST Test Number: 2





DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

Thompson-Smith #4-11

11-3S-29W Decatur,KS

Start Date: 2014.06.17 @ 20:58:00

End Date: 2014.06.18 @ 02:52:30

Job Ticket #: 58317 DST #: 3

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

Printed: 2014.06.27 @ 09:18:21



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58317

DST#: 3

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 20:58:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:53:30

Time Test Ended: 02:52:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: 54

Interval: 3617.00 ft (KB) To 3650.00 ft (KB) (TVD)

Reference Elevations: 2572.00 ft (KB)

Total Depth: 3650.00 ft (KB) (TVD)

2563.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6753

Inside

Press@RunDepth: 47.49 psig @ 3618.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.17

End Date:

2014.06.18

Last Calib.:

2014.06.18

Start Time:

20:58:05

End Time:

02:52:29

Time On Btm:

2014.06.17 @ 22:53:15

Time Off Btm:

2014.06.18 @ 01:11:45

TEST COMMENT:

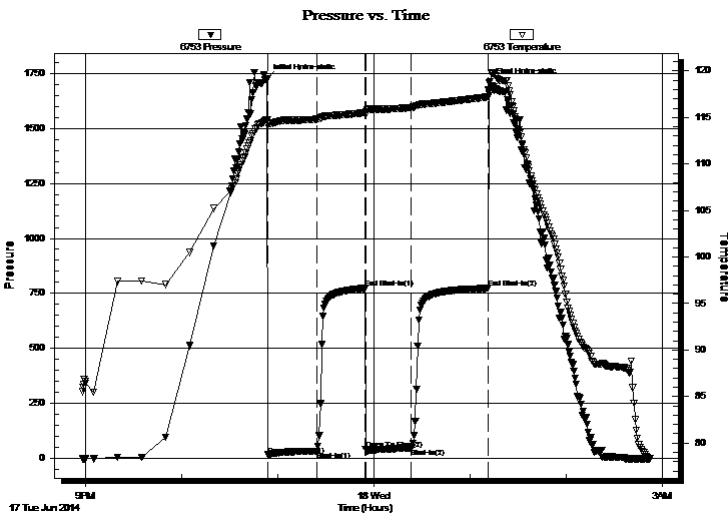
30 - IF - Bubbled w hen set tool, then no surface blow

30 - ISI - No Return

30 - FF - Weak surface blow started ten minutes into and built to 1 1/2"

45 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1725.51	114.75	Initial Hydro-static
1	16.47	114.10	Open To Flow (1)
31	34.05	114.82	Shut-In(1)
61	772.95	115.52	End Shut-In(1)
62	42.99	115.34	Open To Flow (2)
90	47.49	116.08	Shut-In(2)
138	773.23	117.23	End Shut-In(2)
139	1707.09	117.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
68.00	MW - 10M - 90W	0.95

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

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58317

DST#: 3

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 20:58:00

Tool Information

Drill Pipe:	Length: 3602.67 ft	Diameter: 3.80 inches	Volume: 50.54 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: 80000.00 lb
			<u>Total Volume: 50.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.67 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3617.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	33.00 ft			
Tool Length:	52.00 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			3603.00	
Hydraulic tool	5.00			3608.00	
Packer	4.00			3612.00	19.00 Bottom Of Top Packer
Packer	5.00			3617.00	
Stubb	1.00			3618.00	
Recorder	0.00	8368	Inside	3618.00	
Recorder	0.00	6753	Inside	3618.00	
Perforations	28.00			3646.00	
Bullnose	4.00			3650.00	33.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58317

DST#: 3

ATTN: Jim Musgrove

Test Start: 2014.06.17 @ 20:58:00

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:

41000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 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
68.00	MW - 10M - 90W	0.954

Total Length: 68.00 ft Total Volume: 0.954 bbl

Num Fluid Samples: 0

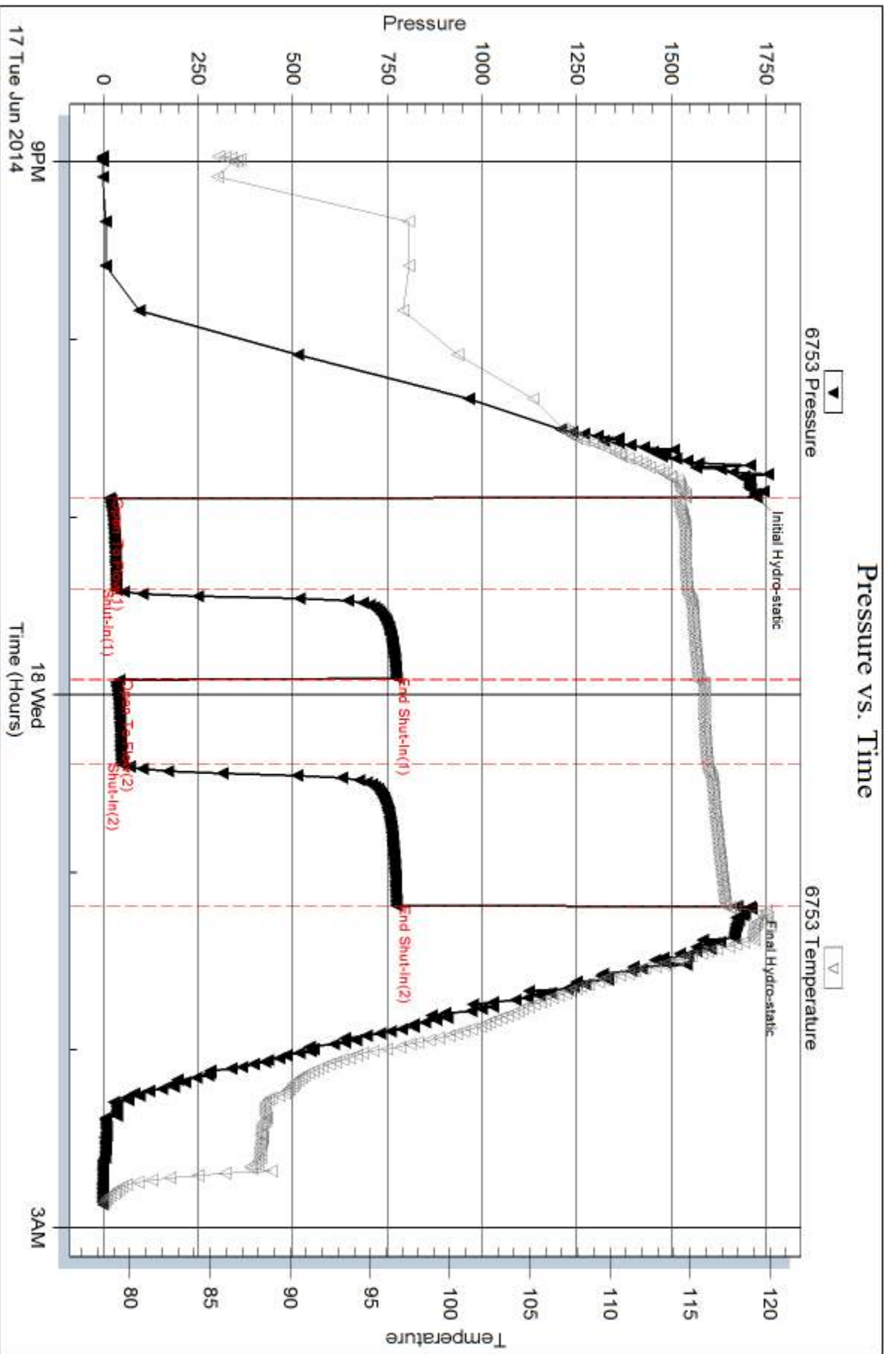
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



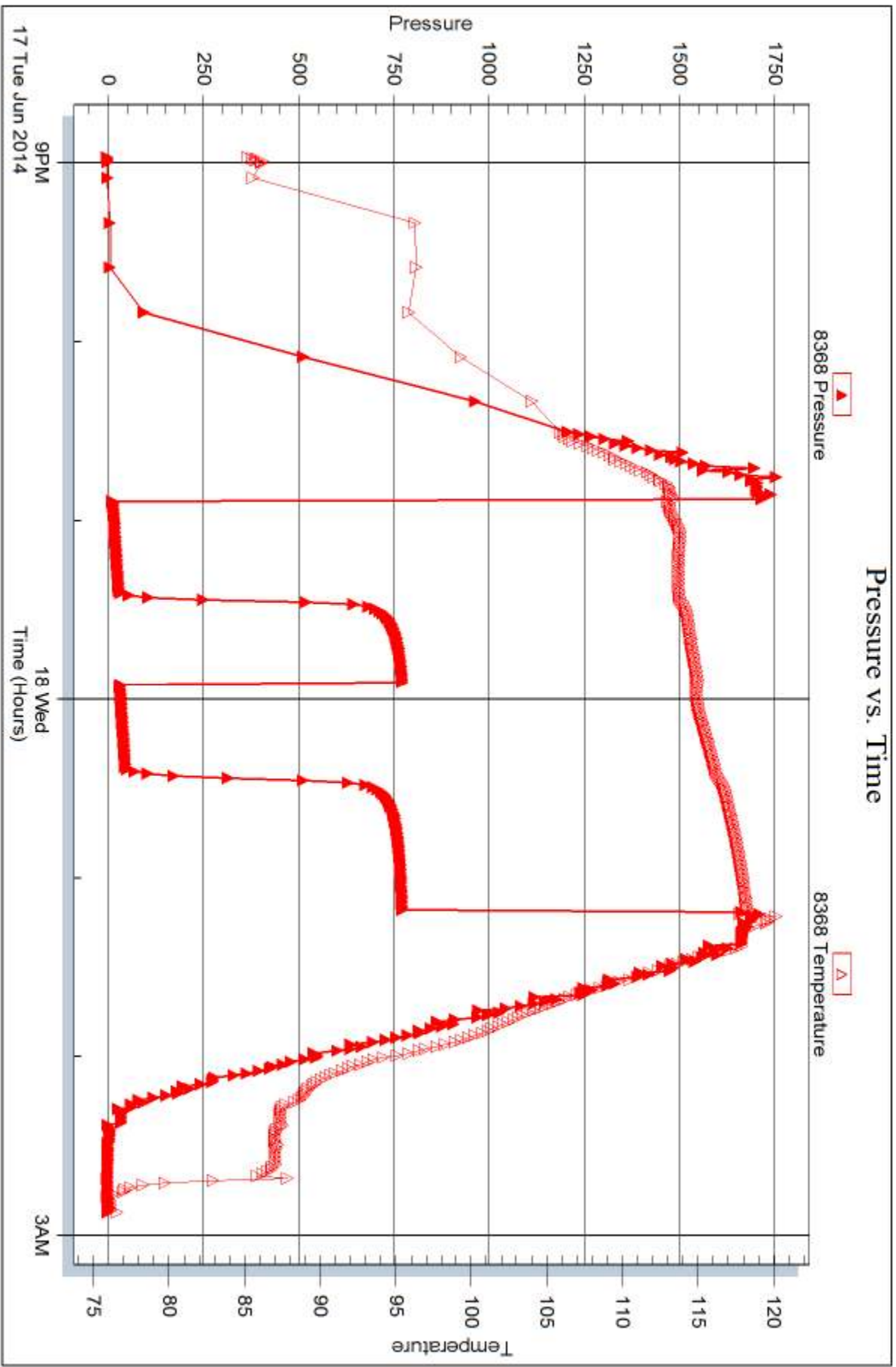
Serial #: 8368

Inside

Blue Ridge Petroleum Corp.

Thompson-Smith #4-11

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 58317

Printed: 2014.06.27 @ 09:18:23



DRILL STEM TEST REPORT

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

PO Box 1913
Enid OK 73702

ATTN: Jim Musgrove

Thompson-Smith #4-11

11-3S-29W Decatur,KS

Start Date: 2014.06.18 @ 14:13:05

End Date: 2014.06.18 @ 23:23:30

Job Ticket #: 58318 DST #: 4

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

Printed: 2014.06.27 @ 09:16:12



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

ATTN: Jim Musgrove

Job Ticket: 58318

DST#: 4

Test Start: 2014.06.18 @ 14:13:05

GENERAL INFORMATION:

Formation: **LKC "E-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:31:15

Time Test Ended: 23:23:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Royal Fisher

Unit No: 54

Interval: 3658.00 ft (KB) To 3700.00 ft (KB) (TVD)

Reference Elevations: 2572.00 ft (KB)

Total Depth: 3700.00 ft (KB) (TVD)

2563.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 6753

Inside

Press@RunDepth: 15.70 psig @ 3659.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.18

End Date:

2014.06.18

Last Calib.:

2014.06.18

Start Time:

14:13:05

End Time:

23:23:30

Time On Btm:

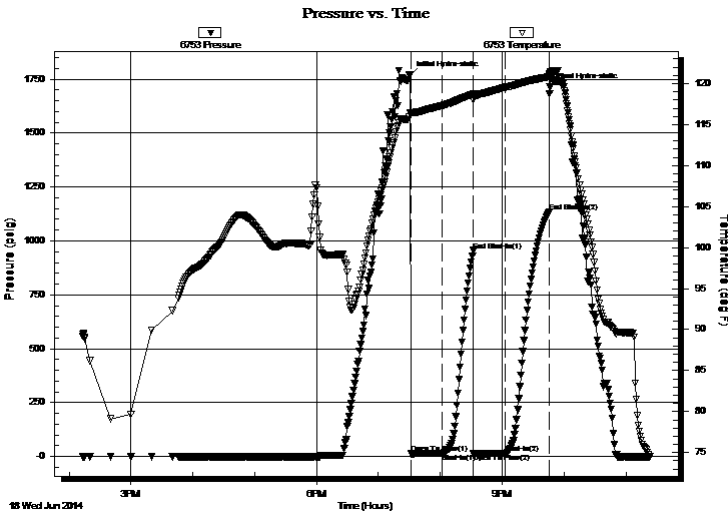
2014.06.18 @ 19:30:45

Time Off Btm:

2014.06.18 @ 21:46:14

TEST COMMENT: 30 - IF - Weak surface blow
30 - ISI - No Return
30 - FF - No surface blow
45 - FSI - No Return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1769.01	116.40	Initial Hydro-static
1	12.97	116.25	Open To Flow (1)
32	14.44	117.30	Shut-In(1)
62	956.07	118.69	End Shut-In(1)
62	13.38	118.05	Open To Flow (2)
93	15.70	119.53	Shut-In(2)
135	1135.10	120.83	End Shut-In(2)
136	1712.85	121.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	MUD - 100M	0.04

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

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58318

DST#: 4

ATTN: Jim Musgrove

Test Start: 2014.06.18 @ 14:13:05

Tool Information

Drill Pipe:	Length: 3665.63 ft	Diameter: 3.80 inches	Volume: 51.42 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: 70000.00 lb
			<u>Total Volume: 51.42 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	26.63 ft			String Weight: Initial 51000.00 lb
Depth to Top Packer:	3658.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	42.00 ft			
Tool Length:	61.00 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			3644.00	
Hydraulic tool	5.00			3649.00	
Packer	4.00			3653.00	19.00 Bottom Of Top Packer
Packer	5.00			3658.00	
Stubb	1.00			3659.00	
Recorder	0.00	8368	Inside	3659.00	
Recorder	0.00	6753	Inside	3659.00	
Perforations	37.00			3696.00	
Bullnose	4.00			3700.00	42.00 Bottom Packers & Anchor
Total Tool Length:	61.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Blue Ridge Petroleum Corp.

11-3S-29W Decatur, KS

PO Box 1913
Enid OK 73702

Thompson-Smith #4-11

Job Ticket: 58318

DST#: 4

ATTN: Jim Musgrove

Test Start: 2014.06.18 @ 14:13:05

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	MUD - 100M	0.042

Total Length: 3.00 ft Total Volume: 0.042 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

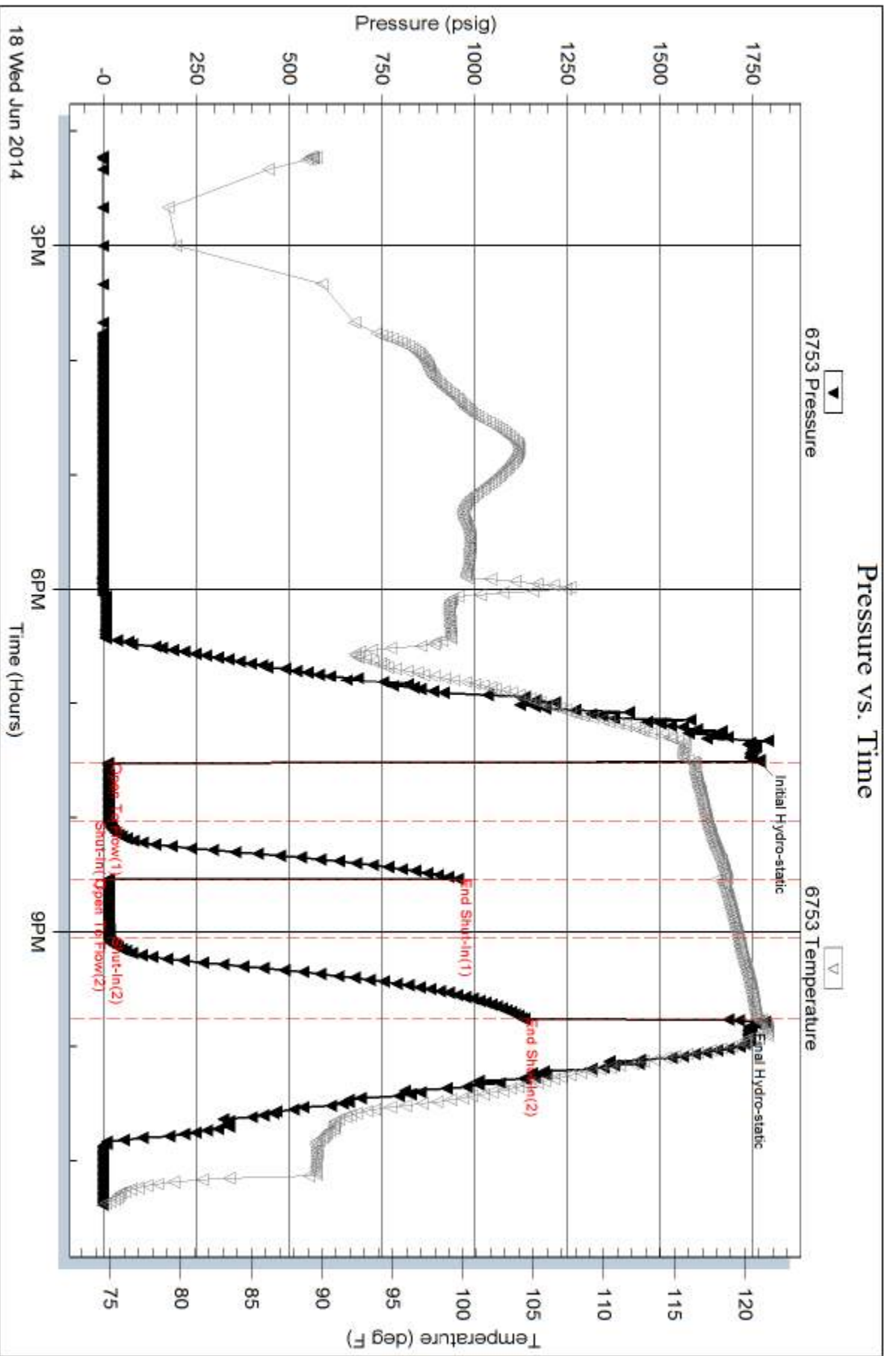
Serial #: 6753

Inside

Blue Ridge Petroleum Corp.

Thompson-Smith #4-11

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 58318

Printed: 2014.06.27 @ 09:16:14

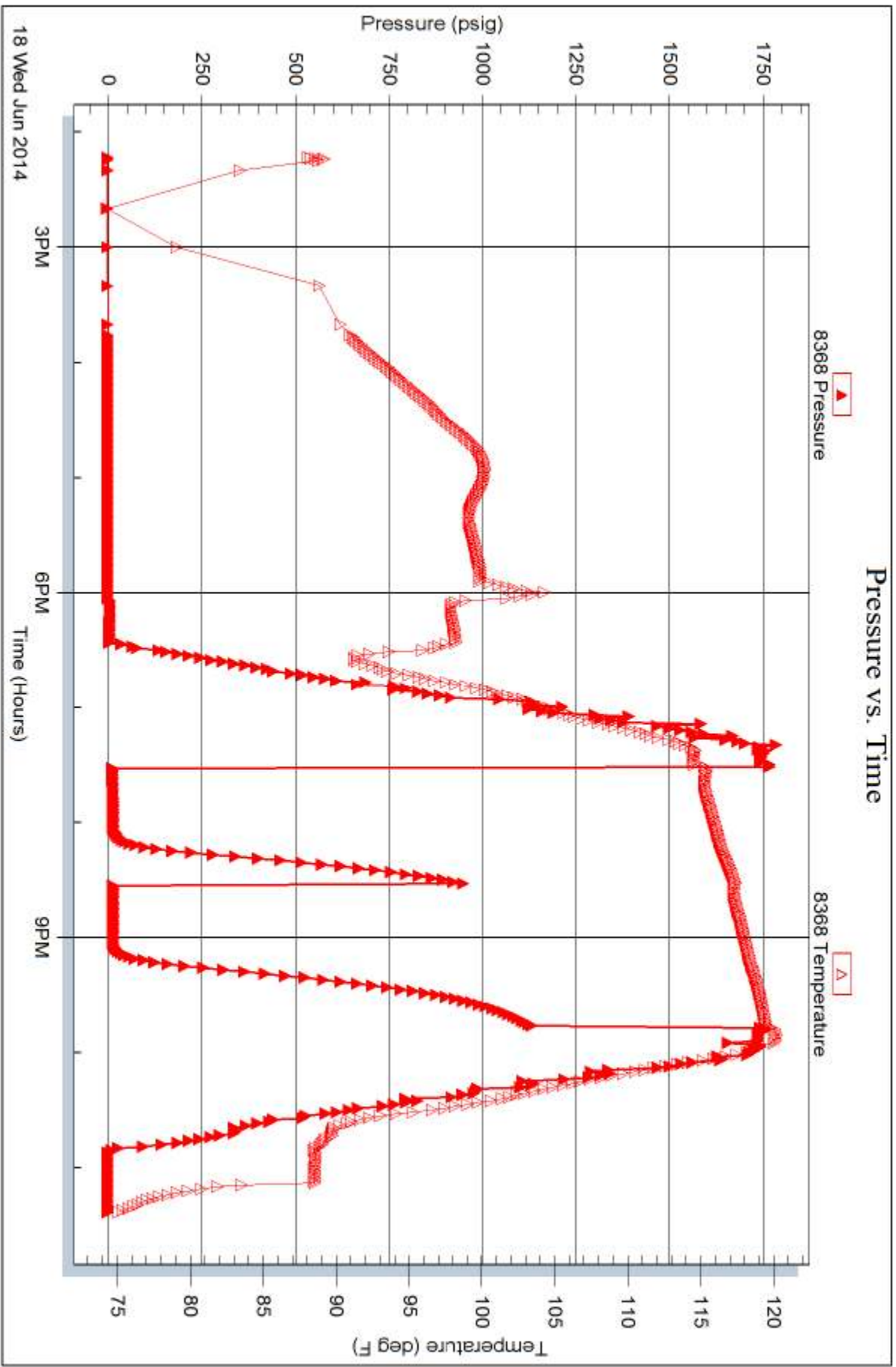
Serial #: 8368

Inside

Blue Ridge Petroleum Corp.

Thompson-Smith #4-11

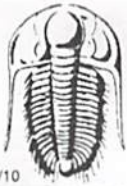
DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 58318

Printed: 2014.06.27 @ 09:16:14



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **58315**

4/10

Well Name & No. Smith Thompson-Smith #4-11 Test No. 1 Date 6-16-14
 Company Blue Ridge Pet. Corp. Elevation 2572 KB 2563 GL
 Address P.O. Box 913 Enid OK
 Co. Rep / Geo. Jim Musgrove Rig Southwind #8
 Location: Sec. 11 Twp. 3S Rge. 29W Co. Decatur State KS

Interval Tested 3600-3620 Zone Tested LKC-B'
 Anchor Length 20' Drill Pipe Run 3602.02' Mud Wt. 8.9
 Top Packer Depth ~~3595~~ 3595 Drill Collars Run 0 Vis 52
 Bottom Packer Depth ~~3600~~ 3600 Wt. Pipe Run 0 WL 8.0
 Total Depth 3620 Chlorides 900 ppm System LCM 2#
 Blow Description IF-Surface blow built to bottom of bucket in 15mins.
ISI-Return built to 1/4"
FF-Surface blow built to bottom of bucket in 17mins.
FSI-Return built to 1"

Rec	Feet of	%gas	%oil	%water	%mud
63	CCMW	5	85	10	
63	CCMW	30	35	35	
94	Free Oil	100			
	346' GIP	100			

Rec Total 220' BHT 127°F Gravity 31 API RW @ °F Chlorides ppm

(A) Initial Hydrostatic 1709 Test 1150 T-On Location 11:16am
 (B) First Initial Flow 16 Jars T-Started 12:51pm
 (C) First Final Flow 51 Safety Joint T-Open 3:16pm
 (D) Initial Shut-In 741 Circ Sub N/C T-Pulled ~~7:57pm~~ 6:01pm
 (E) Second Initial Flow 57 Hourly Standby T-Out 7:57pm
 (F) Second Final Flow 104 Mileage 3 R/T 4.65 Comments
 (G) Final Shut-In 740 Sampler
 (H) Final Hydrostatic 1711 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Extra Recorder Sub Total 0
 Day Standby Total 1154.65
 Accessibility MP/DST Disc't
 Sub Total 1154.65

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. **58316**

Well Name & No. Thompson-Smith #4-11 Test No. 2 Date 6/17/14
 Company Blue Ridge Pet. Corp. Elevation 2572 KB 2563 GL
 Address P.O. Box 1913 ENID OK
 Co. Rep / Geo. Jim Musgrove Clint Musgrove Rig Southwind #8
 Location: Sec. 11 Twp. 3S Rge. 29W Co. DECATUR State KS

Interval Tested 3620-3650 Zone Tested LKC - "A"
 Anchor Length 30' Drill Pipe Run 3634.04 Mud Wt. 8.9
 Top Packer Depth 3615' Drill Collars Run 0 Vis 52
 Bottom Packer Depth 3620' Wt. Pipe Run 0 WL 8.0
 Total Depth 3650' Chlorides 900 ppm System LCM 2[#]
 Blow Description IF - STARTED W/ WEAK SURFACE BLOW DIED AFTER 15 MINUTES.
ISI - NO RETURN
PACKER FAILURE @ THE END OF SECOND FLOW

Rec	Feet of	%gas	%oil	%water	%mud
	<u>Packer Failure</u>				

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

(A) Initial Hydrostatic Test 950 T-On Location 3:45 AM
 (B) First Initial Flow Jars _____ T-Started 4:18 AM
 (C) First Final Flow Safety Joint _____ T-Open 6:21 am
 (D) Initial Shut-In Circ Sub N/C T-Pulled 7:50
 (E) Second Initial Flow Hourly Standby _____ T-Out 11:13
 (F) Second Final Flow Mileage 3 R/T 4.65 Comments 5 chased tool
 (G) Final Shut-In Sampler _____ 8ft, set tool 3 times
 (H) Final Hydrostatic Straddle _____ 3rd set, packer failure on
 Shale Packer _____ Ruined Shale Packer second open
 Extra Packer _____ Ruined Packer _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 954.65
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In _____ Sub Total 954.65

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. 58317

Well Name & No. THOMPSON - SMITH #4-11 Test No. 3 Date 6/17/14
 Company BLUE RIDGE PETRO CORP Elevation 2572 KB 2563 GL
 Address PO BOX 1913 ENDO OK
 Co. Rep / Geo. CLINT MWSGRUBE Rig SOUTHWIND #8
 Location: Sec. 11 Twp. 3S Rge. 29 W Co. DECATUR State KS

Interval Tested 3617 - 3650 Zone Tested LKC "C"
 Anchor Length 33' Drill Pipe Run 3602.67 Mud Wt. 9.0
 Top Packer Depth 3612' Drill Collars Run 0 Vis 51
 Bottom Packer Depth 3617' Wt. Pipe Run 0 WL 9.6
 Total Depth 3650' Chlorides 1000 ppm System LCM 2#
 Blow Description IF - BUBBLED WHEN SET TOOL, THEN NO SURFACE BLOW
ISI - NO RETURN
EF - WEAK SURFACE BLOW STARTED IN 10 MINUTES BUILT TO 1.5"
PSI - NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>68</u>	<u>MW</u>		<u>90</u>	<u>10</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 68 BHT 117 Gravity _____ API RW .164 @ 76 °F Chlorides 41000 ppm

(A) Initial Hydrostatic 1225 Test 1150 T-On Location 8:30 pm
 (B) First Initial Flow 16 Jars _____ T-Started 8:58 pm
 (C) First Final Flow 34 Safety Joint _____ T-Open 10:54 pm
 (D) Initial Shut-In 772 Circ Sub N/C T-Pulled 109 AM
 (E) Second Initial Flow 42 Hourly Standby _____ T-Out 2:53 AM
 (F) Second Final Flow 47 Mileage 3 R/T 4.65 Comments _____
 (G) Final Shut-In 773 Sampler _____
 (H) Final Hydrostatic 1707 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 30 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1154.65
 Final Flow 30 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 45 Sub Total 1154.65

Approved By _____

Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **58318**

4/10

Well Name & No. THOMPSON-SMITH #4-11 Test No. 4 Date 6/18/14
 Company BLUE RIDGE PETRO CORP Elevation 2572 KB 2563 GL
 Address PO BOX 1913 ENID OK 73702
 Co. Rep / Geo. CLINT MUSGROVE Rig SOUTHWIND #8
 Location: Sec. 11 Twp. 3S Rge. 29W Co. DECATUR State KS

Interval Tested 3658-3700 Zone Tested LKC-E-F
 Anchor Length 42' Drill Pipe Run 3665.63 Mud Wt. 9.1
 Top Packer Depth 3653' Drill Collars Run 0 Vis 60+
 Bottom Packer Depth 3658' Wt. Pipe Run 0 WL 7.8
 Total Depth 3700' Chlorides 1400 ppm System LCM 2#
 Blow Description IF - WEAK SURFACE BLOW
IS1 - NO RETURN
FF - NO SURFACE BLOW
FS1 - NO RETURN

Rec	Feet of	%gas	%oil	%water	%mud
<u>3</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 3 BHT 120 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1769 Test 1150 T-On Location 12:50 PM
 (B) First Initial Flow 12 Jars _____ T-Started 2:13 PM
 (C) First Final Flow 14 Safety Joint _____ T-Open 7:31 PM
 (D) Initial Shut-In 950 Circ Sub N/C T-Pulled 9:46 AM
 (E) Second Initial Flow 13 Hourly Standby 1 TO 530 1.5h 150 T-Out 11:24 PM
 (F) Second Final Flow 15 Mileage 3 R/T 9.30 Comments Big broke down from
around 1:00pm to 5:30pm
picked up tools at 12:00pm 6-19-14
 (G) Final Shut-In 1135 Sampler _____ Ruined Shale Packer left location
 (H) Final Hydrostatic 1712 Straddle _____ Ruined Packer 12:55pm
 Shale Packer DUAL 500 Extra Copies _____
 Extra Packer _____ Sub Total 0
 Extra Recorder _____ Total 1809.30
 Day Standby _____ MP/DST Disc't _____
 Accessibility _____ Sub Total 1809.30

Approved By _____ Our Representative Royal Foster

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