



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1086410  
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: \_\_\_\_\_

1086410

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Blue Ridge Petroleum Corporation
Well Name	Roesener 1-19
Doc ID	1086410

All Electric Logs Run

Micro
CDN
DIL
Sonic

Form	ACO1 - Well Completion
Operator	Blue Ridge Petroleum Corporation
Well Name	Roesener 1-19
Doc ID	1086410

Tops

Name	Top	Datum
Heebner	4242	-1689
Toronto	4260	-1707
Lansing	4363	-1810
Stark Shale	4678	-2125
BKC	4811	-2258
Marmaton	4844	-2291
Pawnee	4897	-2344
Ft. Scott	4932	-2379
Cherokee Shale	4942	-2389
Morrow Shale	5044	-2491
Mississippi	5091	-2538

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  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

July 09, 2012

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

Re: ACO1  
API 15-057-20805-00-00  
Roesener 1-19  
SW/4 Sec.19-27S-24W  
Ford 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

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer Blue Ridge Petroleum Corporation	Lease No. Roesener	Well # 1-19	Date 5-26-12
Field Order # 6331	Station Pratt, Kansas	Casing 8 5/8" 24 Lb.	Depth 260 Feet
Type Job C.N.W. - Surface	County Ford	State Kansas	Legal Description 19-27S-24W

PIPE DATA		PERFORATING DATA		CEMENT USED	TREATMENT RESUME		
Casing Size 8 5/8" 24 Lb./ft.	Tubing Size	Shots/Ft	200 sacks	60/40 Poz with	RATE	PRESS	ISIP
Depth 260 Feet	Depth	From	To	28 Gal. 38 Calcium Chloride	Max	25 Lb.	5 Min. cell plate
Volume 16.5 Bbl.	Volume	From	To	14.8 Lb./Gal.	Min	5.18 Gal./sk.	10 Min. 1.2 CU. FT./sk.
Max Press 300 P.S.I.	Max Press	From	To		Avg		15 Min.
Well Connection Plug container	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 250 feet	Packer Depth	From	To	Flush 16 Bbl. Fresh Water	Gas Volume		Total Load

Customer Representative	Station Manager David Scott	Treater Clarence R. Messick			
Service Units	37,216	19,903	19,905	19,960	21,010
Driver Names	Messick	Mattal	Phye		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00					Trucks on location and hold safety meeting.
					6 Joints new 24 Lb./ft. 8 5/8" casing in well and rig circulating upon arrival.
10:35	200				Start Fresh water Pre-Flush.
					Start mixing 200 sacks 60/40 Poz Cement.
					Stop pumping. Shut in well. Release Wooden Plug. Open Well.
10:52	250				Start Fresh Water Displacement.
10:55	300				Plugdown. Shut in well.
					Circulated 10 sacks cement to the pit.
					Wash up pump truck.
11:30					Job Complete.
					Thank You.
					Clarence, Mike, Dale

# QUALITY WELL SERVICE, INC.

5543

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410  
Office / Fax 620-672-3663

Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

Date	6-5-12	Sec.	19	Twp.	27	Range	24	County	Ford	State	KS	On Location		Finish	12:30pm
Lease	Roeseher		Well No.	1-19		Location	Dodge city KS 3 S 1 1/2 E N:10								
Contractor	Southwind Drilling					Owner	To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.								
Type Job	Rotary Plug					Hole Size	T.D.		Charge To	Blue Ridge Petroleum					
Csg.						Depth									
Tbg. Size						Depth									
Tool						Depth									
Cement Left in Csg.						Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.								
Meas Line						Displace	Cement Amount Ordered 250 of 60/40 4% gel 1/4# Flo								
<b>EQUIPMENT</b>															
Pumptrk	No.	8	David		Common	150									
Bulktrk	No.	3	Mike		Poz. Mix	100									
Bulktrk	No.				Gel.	9									
Pickup	No.		Heath		Calcium										
<b>JOB SERVICES &amp; REMARKS</b>															
Rat Hole	30sx					Hulls									
Mouse Hole	20sx					Salt									
Centralizers						Flowseal	62.5								
Baskets						Kol-Seal									
D/V or Port Collar						Mud CLR 48									
1st plug @	1650' - 50sx					CFL-117 or CD110 CAF 38									
2nd plug @	960 - 80sx					Sand									
3rd plug @	300 - 50sx					Handling	259								
4th plug @	60 - 20sx					Mileage	75								
<b>FLOAT EQUIPMENT</b>															
Guide Shoe															
Centralizer															
Baskets															
AFU Inserts															
Float Shoe															
Latch Down															
<del>Rotary Plug</del>															
Pumptrk Charge Rotary Plug															
Mileage 75															
														Tax	
														Discount	
														Total Charge	
X Signature <i>A. J. Kelly</i>															

**OPERATOR**

Company: Blue Ridge Petroleum Corporation  
 Address: P.O. Box 1913  
 Enid, OK 73702

Contact Geologist:  
 Contact Phone Nbr: 580-242-3732  
 Well Name: Roesener #1-19  
 Location: 8 5/8" @ 260'  
 Pool:  
 State: Kansas, Ford Co.

API: 15-057-20805-0000  
 Field: Wildcat  
 Country: USA



**PETROLEUM  
 CORPORATION**  
 Claflin, Kansas

Scale 1:240 Imperial

Well Name: Roesener #1-19  
 Surface Location: 8 5/8" @ 260'  
 Bottom Location:  
 API: 15-057-20805-0000  
 License Number:  
 Spud Date: 5/3/2012 Time: 3:34 PM  
 Region: Se-Se-Nw-Sw 19-27s-24w  
 Drilling Completed: 6/5/2012 Time: 8:50 PM  
 Surface Coordinates: 1364' From South Line & 1250' From West Line  
 Bottom Hole Coordinates:  
 Ground Elevation: 2541.00ft  
 K.B. Elevation: 2553.00ft  
 Logged Interval: 3900.00ft To: 5200.00ft  
 Total Depth: 5200.00ft  
 Formation: Pawnee  
 Drilling Fluid Type: Chemical Mud was displaced at 3768'

**SURFACE CO-ORDINATES**

Well Type: Vertical  
 Longitude: Latitude:  
 N/S Co-ord: 1364' From South Line  
 E/W Co-ord: 1250' From West Line

**LOGGED BY**

Company: Musgrove Petroleum Corp.  
 Address: 212 Main St.  
 Claflin, KS 67525  
 Phone Nbr: 620-546-3960  
 Logged By: Geologist Name: Josh Austin

**CONTRACTOR**

Contractor: Southwind Drilling  
 Rig #: 70  
 Rig Type:  
 Spud Date: 5/3/2012 Time: 3:34 PM  
 TD Date: 6/5/2012 Time: 8:50 PM  
 Rig Release: Time:

**ELEVATIONS**

K.B. Elevation: 2553.00ft Ground Elevation: 2541.00ft

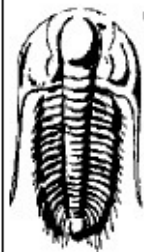


**NOTES**

On the basis of the low structural position, negative results on the drill stem test and after reviewing the electric logs, it was recommended by all parties involved in the Roesener #1-19 to be plugged and abandoned at the rotary total depth.

# Blue Ridge Petroleum Corporation well comparison sheet

DRILLING WELL					COMPARISON WELL			
Roesener 1-19					Spohr 1-24			
2553 KB					2575 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Heebner	4244	-1691	4242	-1689	4268	-1693	2	4
Toronto	4262	-1709	4260	-1707	4285	-1710	1	3
Lansing	4358	-1805	4363	-1810	4385	-1810	5	0
Stark Shale	4681	-2128	4678	-2125	4695	-2120	-8	-5
Base KC	4812	-2259	4811	-2258	4825	-2250	-9	-8
Marmaton	4837	-2284	4844	-2291	4855	-2280	-4	-11
Pawnee	4896	-2343	4897	-2344	4905	-2330	-13	-14
Ft. Scott	4933	-2380	4932	-2379	4940	-2365	-15	-14
Cherokee Sh.	4943	-2390	4942	-2389	4953	-2378	-12	-11
Morrow Shale	5048	-2495	5044	-2491	5056	-2481	-14	-10
Mississippi	5089	-2536	5091	-2538	5096	-2521	-15	-17
RTD	5200	-2647			5220	-2645	-2	
LTD	5198	-2645			5226	-2651	6	



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

19/27/24

P.O. Box 1913 Enid Ok. 73702+1913

**Roesener #1-19**

Job Ticket: 47631

DST#: 1

ATTN: Josh Austin

Test Start: 2012.06.02 @ 02:45:00

### GENERAL INFORMATION:

Formation: Pawnee

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:41:00

Time Test Ended: 10:48:39

Interval: 4892.00 ft (KB) To 4910.00 ft (KB) (TVD)

Total Depth: 4910.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Harley Davidson

Unit No: 58

Reference Elevations: 2553.00 ft (KB)

2541.00 ft (CF)

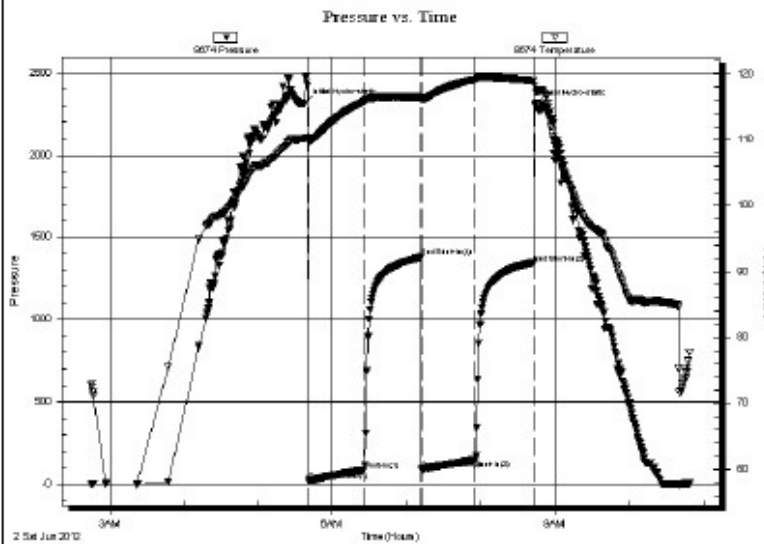
KB to GR/CF: 12.00 ft

Serial #: 8674

Outside

Press@RunDepth: 147.27 psig @ 4893.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.06.02 End Date: 2012.06.02 Last Calib.: 2012.06.02  
 Start Time: 02:45:05 End Time: 10:48:40 Time On Btn: 2012.06.02 @ 05:37:40  
 Time Off Btn: 2012.06.02 @ 08:43:30

**TEST COMMENT:** IF- Weak building blow 6" into bucket.  
 IS- No blow back.  
 FF- Weak building blow 6" into bucket.  
 FS- No blow back.



### PRESSURE SUMMARY

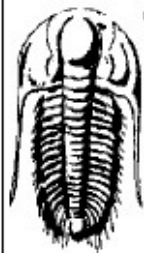
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2311.21	110.18	Initial Hydro-static
4	21.27	109.77	Open To Flow (1)
48	85.90	115.78	Shut-In(1)
94	1377.68	116.46	End Shut-In(1)
95	91.07	116.08	Open To Flow (2)
138	147.27	119.14	Shut-In(2)
185	1344.67	118.99	End Shut-In(2)
186	2304.73	118.21	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
280.00	100% w ater trace of mud and oil	3.93

### Gas Rates

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



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.

19/27/24

P.O. Box 1913 Enid Ok. 73702+1913

**Roesener #1-19**

Job Ticket: 47632

DST#: 2

ATTN: Josh Austin

Test Start: 2012.06.03 @ 11:15:00

### GENERAL INFORMATION:

Formation: **Morrow / Miss**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:43:40

Time Test Ended: 18:34:50

Test Type: Conventional Bottom Hole (Initial)

Tester: Harley Davidson

Unit No: 58

Interval: 5036.00 ft (KB) To 5110.00 ft (KB) (TVD)

Reference Elevations: 2553.00 ft (KB)

Total Depth: 5110.00 ft (KB) (TVD)

2541.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 12.00 ft

**Serial #: 8674**

**Outside**

Press@RunDepth: 29.03 psig @ 5037.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.03

End Date: 2012.06.03

Last Calib.: 2012.06.03

Start Time: 11:15:05

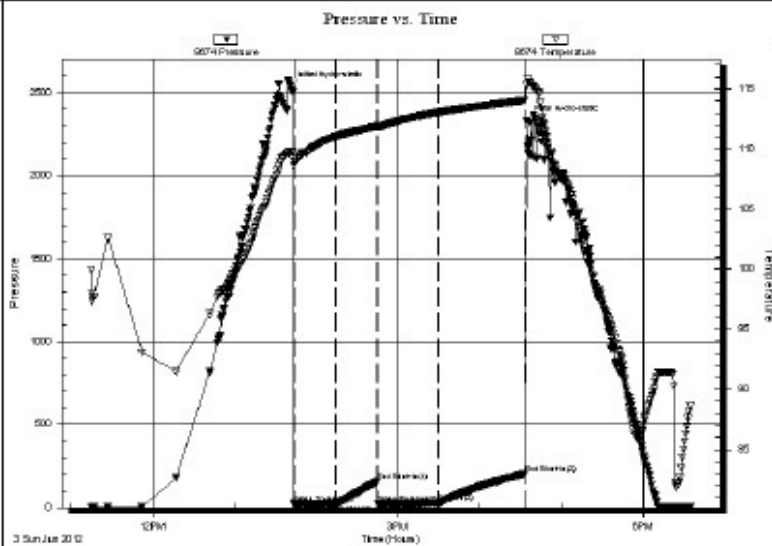
End Time: 18:34:50

Time On Btn: 2012.06.03 @ 13:41:00

Time Off Btn: 2012.06.03 @ 16:24:20



TEST COMMENT: IF- Good building blow 10" into bucket.  
 IS- No blow back.  
 FF- Good building blow BOB 14min.  
 FS- No blow back.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2538.13	109.70	Initial Hydro-static
3	24.11	109.02	Open To Flow (1)
34	26.11	111.00	Shut-In(1)
64	156.64	111.87	End Shut-In(1)
65	22.47	111.81	Open To Flow (2)
109	29.03	113.05	Shut-In(2)
173	202.90	114.04	End Shut-In(2)
174	2333.85	115.31	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
0.00	310 GIP	0.00
50.00	5%oil 5%gas 90%mud	0.70

**Gas Rates**

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



**TRILOBITE TESTING, INC**

**DRILL STEM TEST REPORT**

Blue Ridge Petroleum Corp.

19/27/24

P.O. Box 1913 Enid Ok. 73702+1913

**Roesener #1-19**

ATTN: Josh Austin

Job Ticket: 47633

DST#: 3

Test Start: 2012.06.04 @ 07:45:00

**GENERAL INFORMATION:**

Formation: Miss/St. Louis

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:52:50

Time Test Ended: 14:01:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Harley Davidson

Unit No: 58

Interval: 5110.00 ft (KB) To 5150.00 ft (KB) (TVD)

Total Depth: 5150.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2553.00 ft (KB)

2541.00 ft (CF)

KB to GR/CF: 12.00 ft

**Serial #: 8674**

Outside

Press@RunDepth: 31.39 psig @ 5111.00 ft (KB)

Start Date: 2012.06.04 End Date: 2012.06.04

Start Time: 07:45:05 End Time: 14:01:29

Capacity: 8000.00 psig

Last Calib.: 2012.06.04

Time On Btm: 2012.06.04 @ 09:51:30

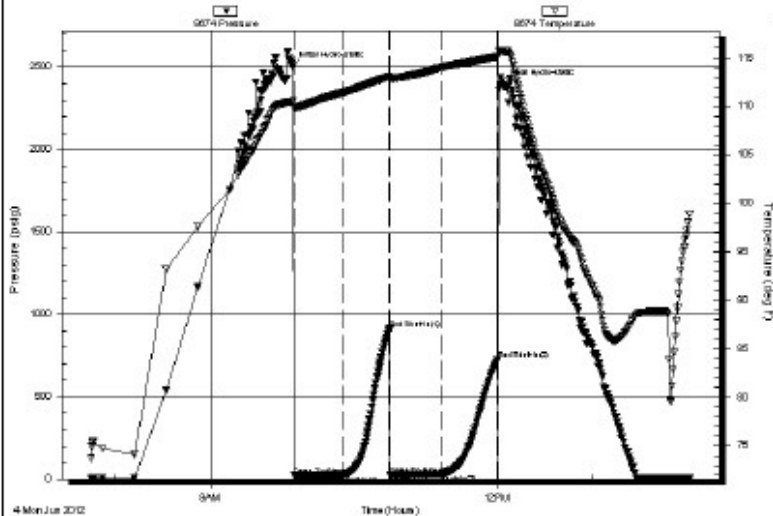
Time Off Btm: 2012.06.04 @ 12:04:09

TEST COMMENT: IF- Weak surface blow .

IS- No blow back.

FF- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2505.69	110.51	Initial Hydro-static
2	21.49	109.81	Open To Flow (1)
32	27.28	111.40	Shut-In(1)
62	908.88	113.05	End Shut-In(1)
62	26.20	112.75	Open To Flow (2)
94	31.39	114.00	Shut-In(2)
130	722.36	115.14	End Shut-In(2)
133	2391.20	115.69	Final Hydro-static









Recovery

Length (ft)	Description	Volume (bbl)
30.00	5% w water 95% mud trace oil and gas	0.42

Gas Rates

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

ROCK TYPES

 Dolsec	 Lmst fw7>	 shale, gry	 Ss
 sdy lmst	 shale, grn	 Carbon Sh	 Sltst

ACCESSORIES

MINERAL

- ▲ Chert, dark
- △ Chert White

STRINGER


-  Dolomite
-  Siltstone

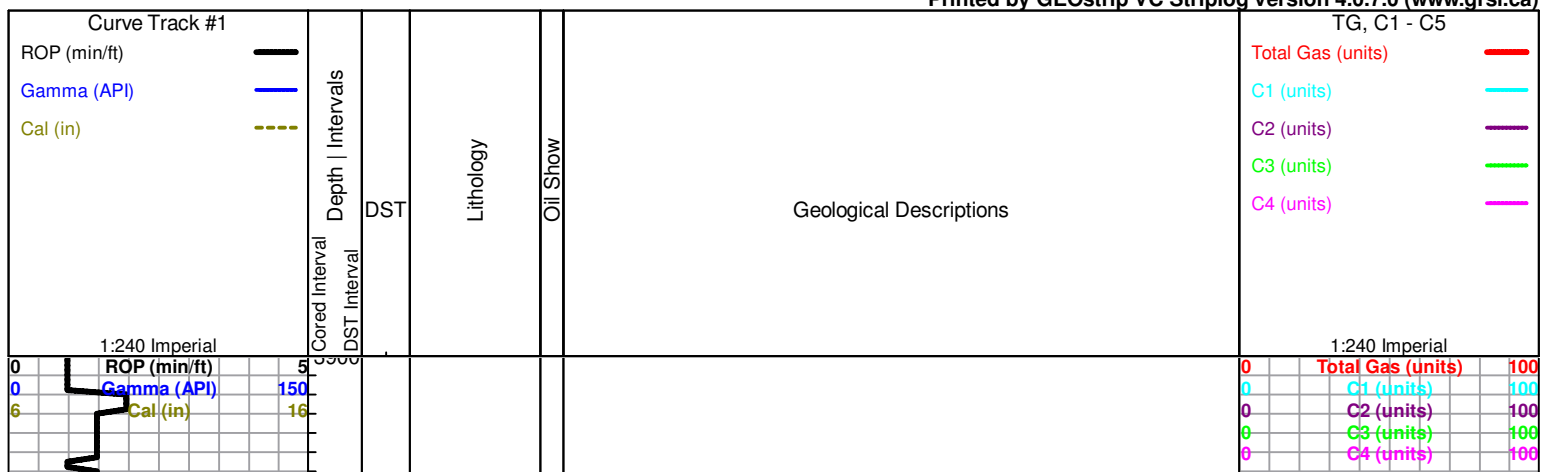
TEXTURE

- C Chalky

OTHER SYMBOLS

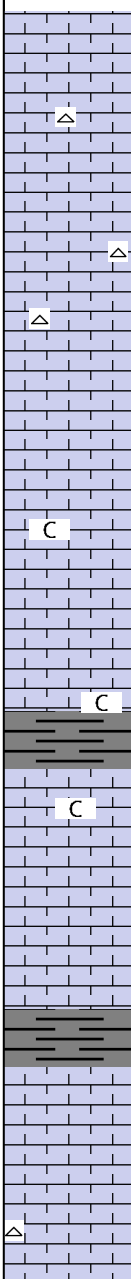
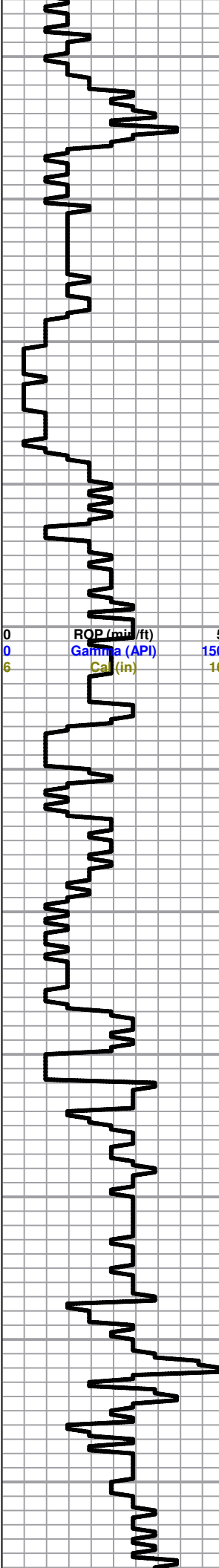
DST

-  DST Int
-  DST alt
-  Core
-  tail pipe



3920  
3940  
3960  
3980  
4000  
4020  
4040  
4060  
4080  
4100  
4120

ROP (mi./ft) 5  
Gamma (API) 150  
Cal (in) 16



wet and dry samples started

Limestone; cream-buff, fine-medium xln, chalky, dense, few granular pieces, no shows plus white-grey chert

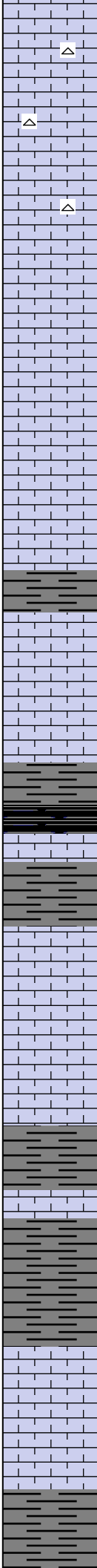
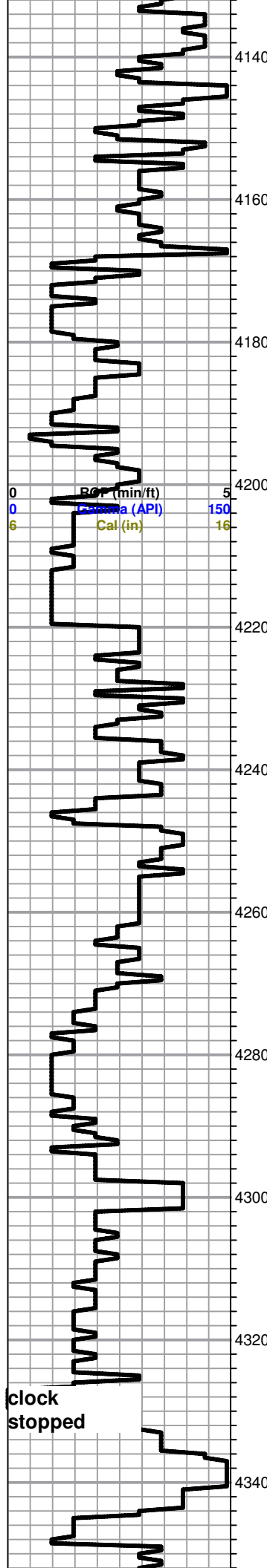
Limestone; cream-buff, sub oomoldic, chalky, fair porosity, slightly granular (barren) Plus white-lt. grey boney Chert

Limestone; cream, fine xln, chalky, finely oolitic, few scattered porosity, plus white Chalk, no shows

Limestone; white-cream, fine xln, chalky

Limestone; grey-cream, chalky, few granular pieces, fossiliferous in part, dense, no visible

Total Gas (units) 100  
C1 (units) 100  
C2 (units) 100  
C3 (units) 100  
C4 (units) 100



porosity, plus white Chert

Limestone; as above

Limestone; cream-grey, fine xln, chalky, dense, slightly fossiliferous, poor visible porosity, no shows

grey-green-maroon, shale

**HEEBNER 4244 (-1691)**  
 Black Carboniferous Shale

**TORONTO 4262 (-1709)**  
 Limestone; cream, fine xln, chalky, sparry calcite xln, slightly granular in part

black-grey, soft, Shale

Limestone; cream-white fine xln, chalky, plus white chalk  
 abundant shale variety of colors

grey/greyish green-maroon shale

Limestone; cream-white, fine xln, chalky, dense

grey-green, soft; Shale

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

### LANSING 4358 (-1805)

Limestone; cream-lt. grey, fine xln, dense, chalky in part  
plus Limestone; grey, highly oolitic, dense, poor visible porosity, no shows

as above plus Chert, lt.grey-smokey grey, boney

Limestone; cream-tan, fine xln, fossiliferous, chalky in part, dense, few loose fossil fragments, plus white-cream, boney Chert

Limestone; buff-grey, fine xln, dense, slightly fossiliferous, poorly developed porosity, no shows

Limestone; cream, fine-medium xln, finely oolitic, few scattered porosity, plus smokey grey-black Chert

Limestone; as above

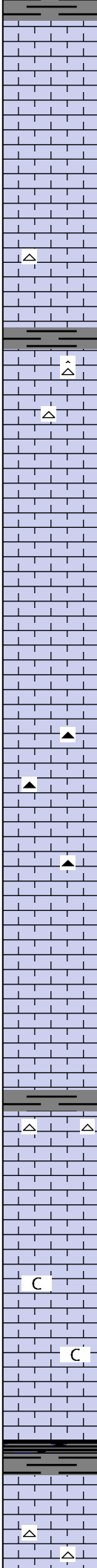
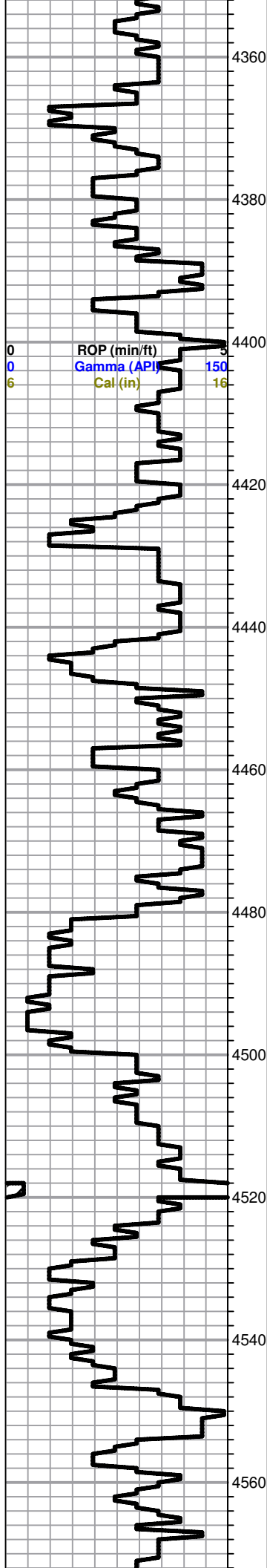
Limestone; cream-buff, fine xln, sucrosic in part, dolomitic, no shows

Limestone; cream-lt. grey, fine xln, dense, slightly fossiliferous, chalky in part, plus grey boney Chert

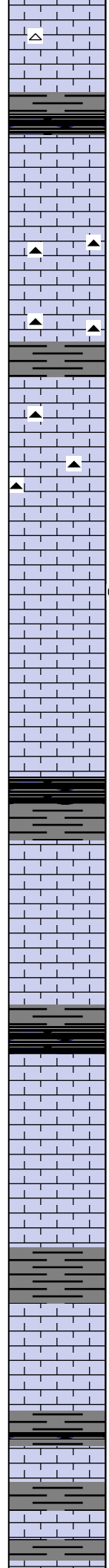
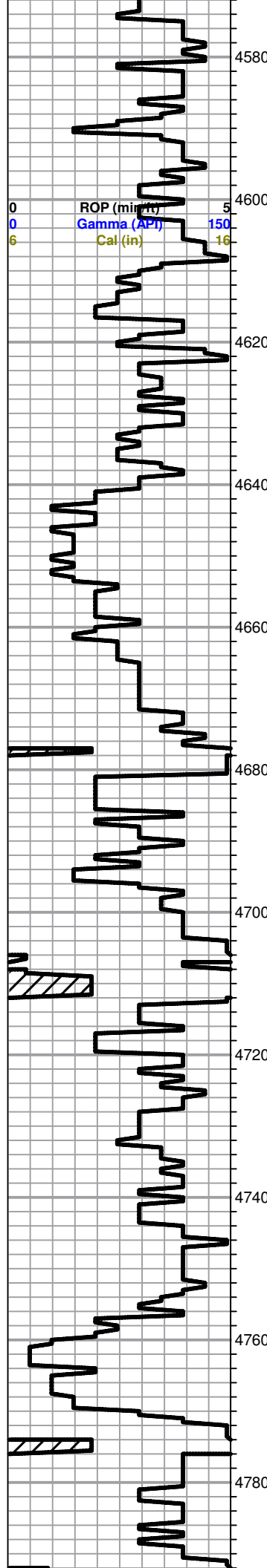
Limestone; cream, highly fossiliferous in part, poorly developed porosity, plus white Chalk

black-dark grey shale

Limestone; cream, fine xln, chalky,



0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



fossiliferous in part, poor porosity, white chalk, plus Chert; amber, boney

dark grey shale  
plus black carboniferous shale

Limestone; cream-tan, highly fossiliferous-oolitic, chalky, fair porosity, plus Chert; grey-amber-dark grey

Limestone; cream-buff, fine xln, fossiliferous in part, dense, few mottled pieces, trace inter xln type porosity, no shows  
plus Chert; black-dark grey

Limestone; cream, oolitic, sub oomoldic, scattered porosity, questionable trace black stain, NSFO, no odor

**STARK SHALE 4681 (-2128)**  
black carboniferous shale

Limestone; grey-tan, fine xln, chalky, fossiliferous in part, poorly developed porosity, no shows

**HUSHPUCKNEY SHALE**  
black carboniferous shale

Limestone; cream-buff-grey, fine-medium xln, chalky in part, slightly cherty, poor porosity

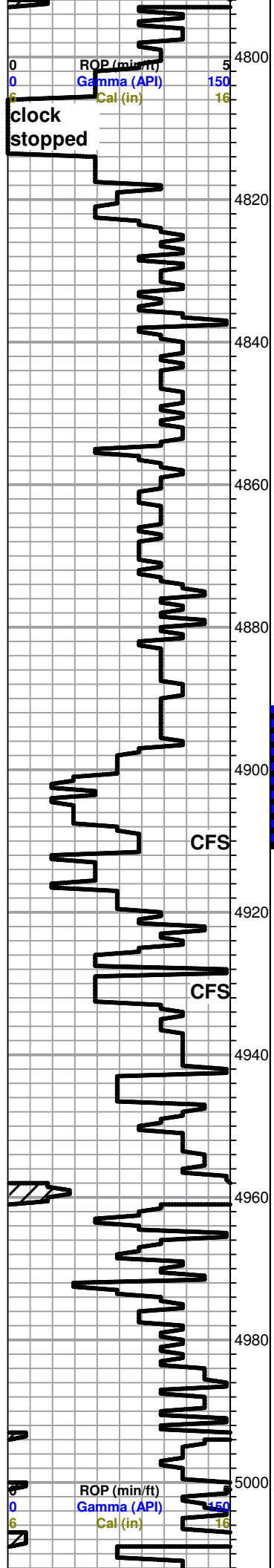
Limestone; cream-lt. grey, highly oolitic, dense, poorly developed porosity, cherty, no shows  
Shale; dark grey-green

Limestone; cream, highly oolitic, chalky, few sub oomoldic, few scattered porosity, no shows

Limestone; cream-grey, fine xln, chalky in part, dense, poor visible porosity, shaley

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100





**BASE KANSAS CITY 4812 (-2259)**

grey-green shale, silty in part, slightly micaceous

grey-greyish green, soft, gummy, Shale

Limestone; cream, fine xln, chalky, slighty oolitic, plus white chalk

**MARMATON 4837 (-2284)**

Limestone; cream-grey, fine xln, fossiliferous/oolitic, chalky, sparry calcite in porosity, no shows

Limestone; as above

Limestone; cream-lt. grey, fine xln, chalky, dense, cherty in part, no visible porosity, Chert; grey-amber boney, slightly oolitic/fossiliferous

black carboniferous shale

**PAWNEE 4896 (-2343)**

Limestone; cream, fine xln, oolitic, inter xln porosity, trace golden brown stain, lt. SFO, faint odor

Limestone; cream-tan, fine xln, dense, cherty, poor visible porosity, no shows

black carboniferous shale

**FT. SCOTT 4933 (-2380)**

Limestone; grey-buff, fine xln, dense, fossiliferous/oolitic, cherty, no visible porosity, plus Chert; lt. grey boney fossiliferous

**CHEROKEE SHALE 4943 (-2390)**

black carboniferous shale

Limestone; cream, fine xln, chalky, dense, plus white-lt. grey boney Chert

black carboniferous shale

Limestone; cream, fine xln, chalky, poorly developed porosity, slightly fossiliferous, dense

Limestone; cream-tan, fine xln, dense, few granular pieces, chalky in part, plus white chalk

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

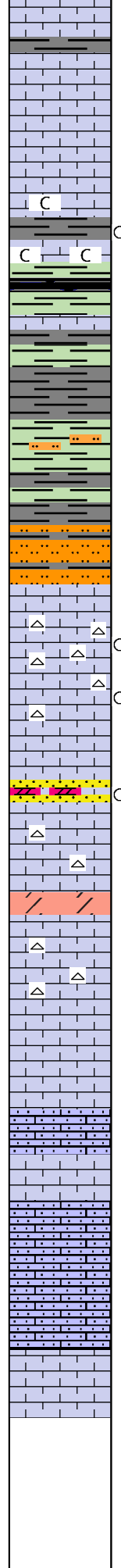
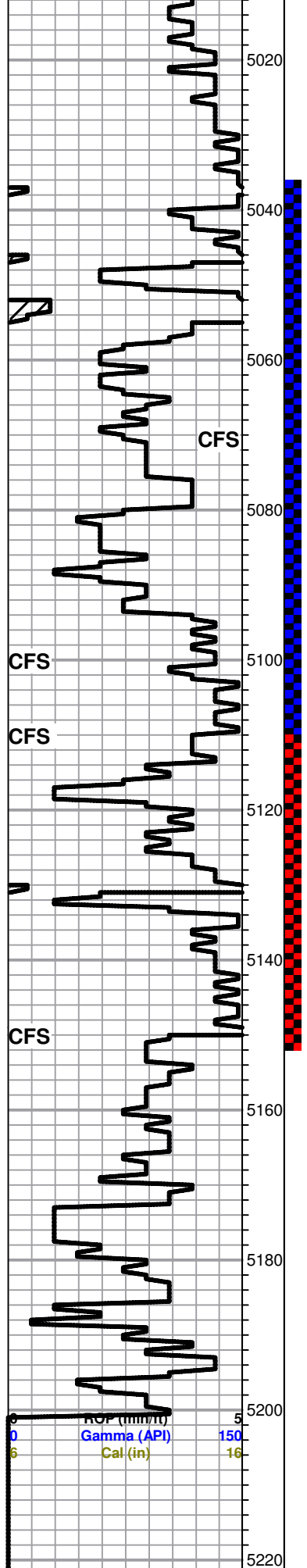
**DST #1 4892-4910**  
45-45-45-45

**Blow; built to 6"**  
Final built to 6"  
no blow back

**Recovery;**  
280' sli muddy water  
with oil scum

**Pressures:**  
ISIP 1378  
FSIP 1345  
IFP 21-86  
FFP 91-147  
HSH 2311-2305

0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100



Limestone; cream-tan-buff, fine xln, dense, cherty, poor visible porosity, no shows

Limestone; cream-white, very chalky, trace brown stain, trace spotty free oil, faint odor

**MORROW SHALE 5048 (-2495)**

Shale; black-green-greyish green-purple, soft/gummy

grey-greyish green shale

plus white-cream, gummy very fine grained, calcareous, silty shale

Sandstone; clear-white, very fine grained, sub angular, dense, poor porosity, no staining, NSFO, questionable trace gas bubbles

**MISSISSIPPI 5089 (-2536)**

Limestone; cream, fine xln, dense, cherty, poorly developed porosity, trace stain, trace spotty free oil, no odor, few gas bubbles, Plus white-cream, boney Chert

trace Sand; very fine grained, sub angular, sub rounded, friable, fair inter granular porosity, brown spotty stain, SFO, faint odor

Limestone; cream fine-medium xln, chalky, slightly oolitic plus white Chalk

plus trace Dolomite; cream-tan, fine xln, sucrosic, poor visible porosity, no shows

Limestone; cream-white, fine-medium xln, chalky, plus white-lt. grey Chert

Limestone; cream, oolitic, chalky, granular in part, few sandy pieces, no shows

Limestone; cream-white, fine-medium xln, few granular/sandy, slightly oolitic in part, plus white Chalk, scattered sandy Limestone, no shows

Limestone; as above, chalky, dense, plus white-lt grey Chert

**ROTARY TOTAL DEPTH 5200 (-2647)**

**DST #2 5036-5110**  
30-30-45-60

**Blow; built to 10"**  
**Final; BOB in 14 min**  
**no blow back**

**Recovery;**  
**310' GIP**  
**50' sli OCM**  
**(5%gas 5%oil 90% mud)**

**Pressures;**  
**ISIP 157**  
**FSIP 202**  
**IFP 24-26**  
**FFP 22-29**  
**HSH 2538-2334**

**DST #3 5110-5150**  
30-30-30-30

**Blow; weak surface**

**Recovery;**  
**30' sli ocwm**  
**(trace oil, 5%w, 95%m)**

**Pressurcse;**  
**ISIP 909**  
**FSIP 722**  
**IFP 27-27**  
**FFP 26-31**  
**HSH 2506-2391**

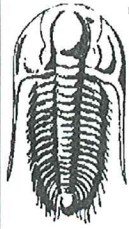
0	Total Gas (units)	100
0	C1 (units)	100
0	C2 (units)	100
0	C3 (units)	100
0	C4 (units)	100

ROP (min/ft) 5  
Gamma (API) 150  
Cal (in) 16

5240

5260

5280



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.  
P.O. Box 1913 Enid Ok. 73702+1913  
ATTN: Josh Austin

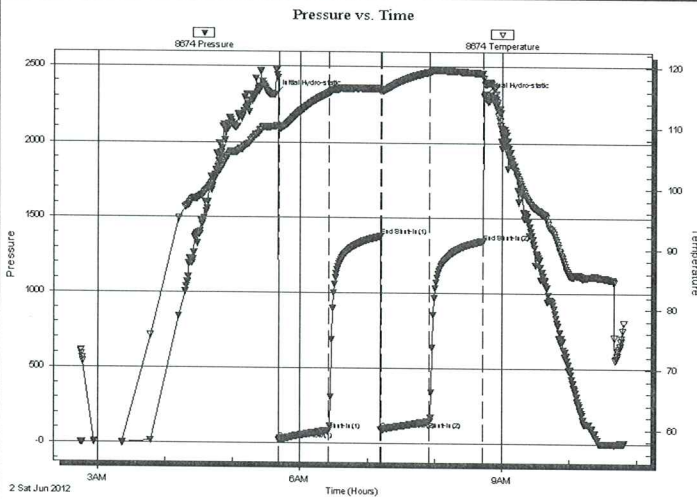
**19/27/24**  
**Roesener #1-19**  
Job Ticket: 47631      **DST#: 1**  
Test Start: 2012.06.02 @ 02:45:00

## GENERAL INFORMATION:

Formation: **Pawnee**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 05:41:00  
Time Test Ended: 10:48:39  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Harley Davidson  
Unit No: 58  
Interval: **4892.00 ft (KB) To 4910.00 ft (KB) (TVD)**  
Reference Elevations: 2553.00 ft (KB)  
Total Depth: 4910.00 ft (KB) (TVD)  
2541.00 ft (CF)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
KB to GR/CF: 12.00 ft

**Serial #: 8674      Outside**  
Press@RunDepth: 147.27 psig @ 4893.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.06.02      End Date: 2012.06.02      Last Calib.: 2012.06.02  
Start Time: 02:45:05      End Time: 10:48:40      Time On Btm: 2012.06.02 @ 05:37:40  
Time Off Btm: 2012.06.02 @ 08:43:30

TEST COMMENT: IF- Weak building blow 6" into bucket.  
IS- No blow back.  
FF- Weak building blow 6" into bucket.  
FSI- No blow back.



## PRESSURE SUMMARY

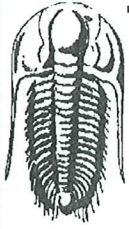
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2311.21	110.18	Initial Hydro-static
4	21.27	109.77	Open To Flow (1)
48	85.90	115.78	Shut-In(1)
94	1377.68	116.46	End Shut-In(1)
95	91.07	116.08	Open To Flow (2)
138	147.27	119.14	Shut-In(2)
185	1344.67	118.99	End Shut-In(2)
186	2304.73	118.21	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
280.00	100% water trace of mud and oil	3.93

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Blue Ridge Petroleum Corp.

19/27/24

P.O. Box 1913 Enid Ok. 73702+1913

**Roesener #1-19**

Job Ticket: 47631

**DST#: 1**

ATTN: Josh Austin

Test Start: 2012.06.02 @ 02:45:00

## 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:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.76 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
280.00	100% water trace of mud and oil	3.928

Total Length: 280.00 ft      Total Volume: 3.928 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Water CHL. .25@75= 25000

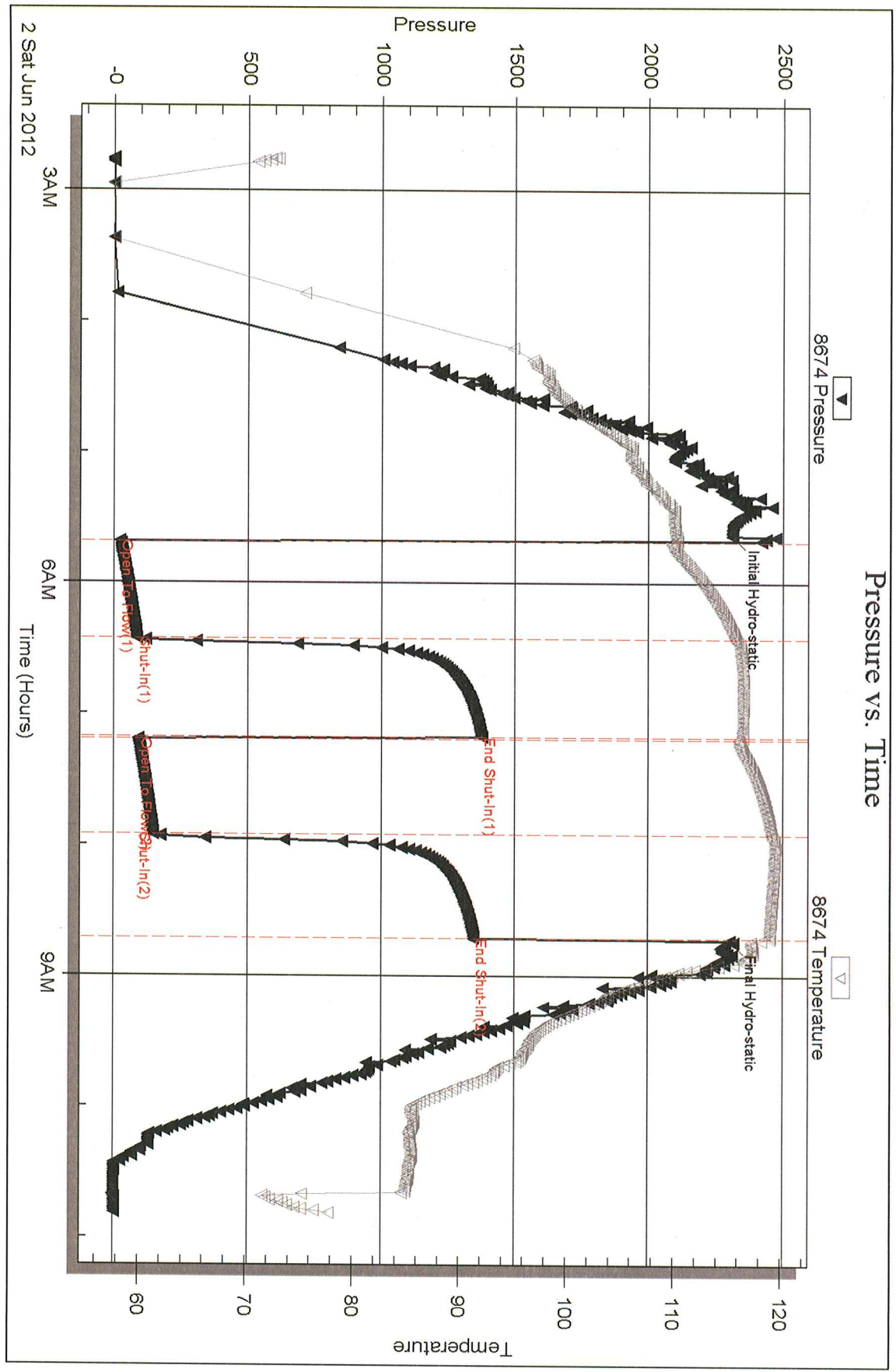


Serial #: 8674

Outside Blue Ridge Petroleum Corp.

Rossener #1-19

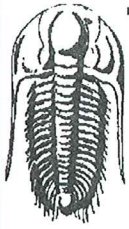
DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47631

Printed: 2012.06.04 @ 07:59:59



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.  
P.O. Box 1913 Enid Ok. 73702+1913  
ATTN: Josh Austin

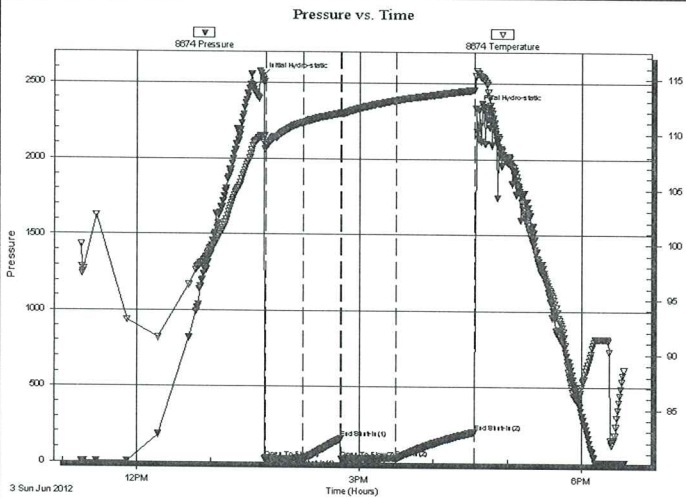
**19/27/24**  
**Roesener #1-19**  
Job Ticket: 47632      **DST#: 2**  
Test Start: 2012.06.03 @ 11:15:00

## GENERAL INFORMATION:

Formation: **Morrow/Miss**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 13:43:40  
Time Test Ended: 18:34:50  
Interval: **5036.00 ft (KB) To 5110.00 ft (KB) (TVD)**  
Total Depth: 5110.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Harley Davidson  
Unit No: 58  
Reference Elevations: 2553.00 ft (KB)  
2541.00 ft (CF)  
KB to GR/CF: 12.00 ft

**Serial #: 8674      Outside**  
Press@RunDepth: 29.03 psig @ 5037.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.06.03      End Date: 2012.06.03      Last Calib.: 2012.06.03  
Start Time: 11:15:05      End Time: 18:34:50      Time On Btm: 2012.06.03 @ 13:41:00  
Time Off Btm: 2012.06.03 @ 16:34:20

TEST COMMENT: IF- Good building blow 10" into bucket.  
IS- No blow back.  
FF- Good building blow BOB 14min.  
FSI- No blow back.



## PRESSURE SUMMARY

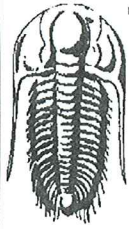
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2538.13	109.70	Initial Hydro-static
3	24.11	109.02	Open To Flow (1)
34	26.11	111.00	Shut-In(1)
64	156.64	111.87	End Shut-In(1)
65	22.47	111.81	Open To Flow (2)
109	29.03	113.05	Shut-In(2)
173	202.90	114.04	End Shut-In(2)
174	2333.85	115.31	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	310 GIP	0.00
50.00	5%oil 5%gas 90%mud	0.70

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Blue Ridge Petroleum Corp.

19/27/24

P.O. Box 1913 Enid Ok. 73702+1913

**Roesener #1-19**

Job Ticket: 47632

**DST#: 2**

ATTN: Josh Austin

Test Start: 2012.06.03 @ 11:15:00

### 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: 8.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	310 GIP	0.000
50.00	5%oil 5%gas 90%mud	0.701

Total Length: 50.00 ft      Total Volume: 0.701 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

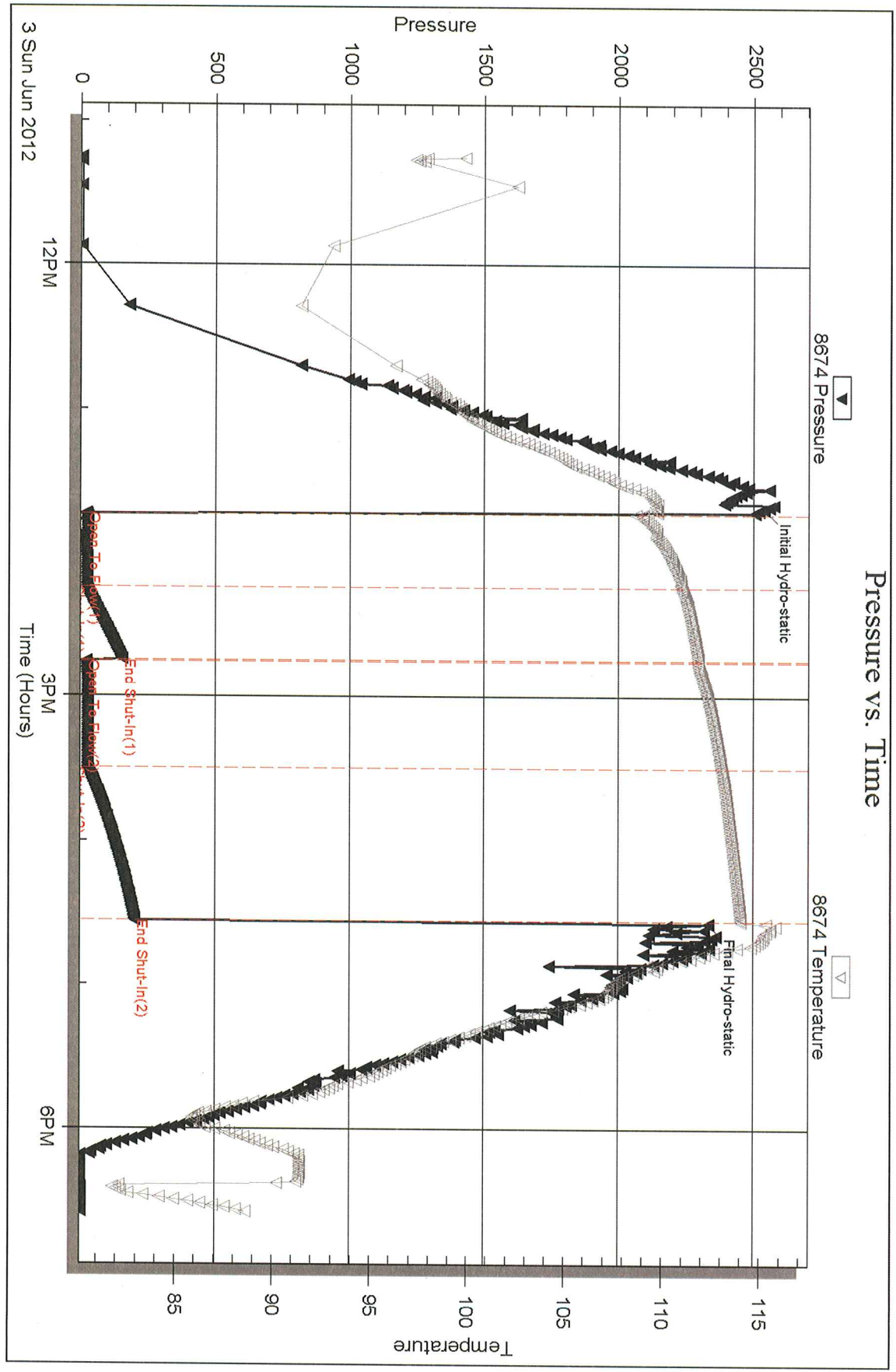
Serial #:

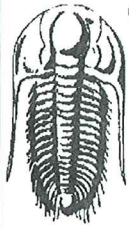
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Blue Ridge Petroleum Corp.  
P.O. Box 1913 Enid Ok. 73702+1913  
ATTN: Josh Austin

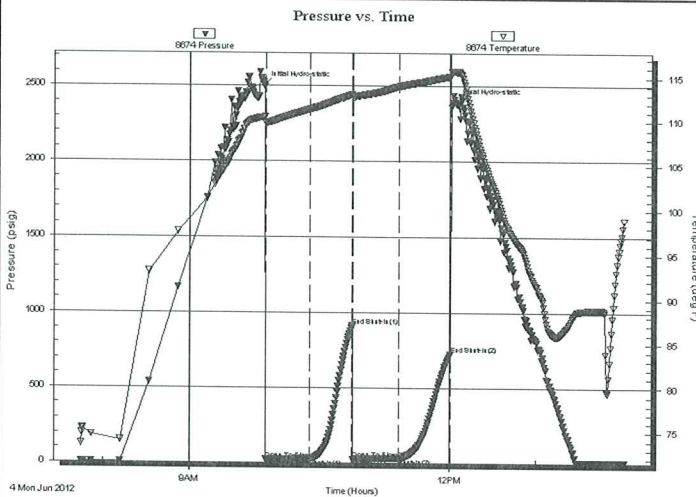
19/27/24  
**Roesener #1-19**  
Job Ticket: 47633      DST#: 3  
Test Start: 2012.06.04 @ 07:45:00

### GENERAL INFORMATION:

Formation: **Miss/St. Louis**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 09:52:50  
Time Test Ended: 14:01:30  
Interval: **5110.00 ft (KB) To 5150.00 ft (KB) (TVD)**  
Total Depth: 5150.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Harley Davidson  
Unit No: 58  
Reference Elevations: 2553.00 ft (KB)  
2541.00 ft (CF)  
KB to GR/CF: 12.00 ft

**Serial #: 8674      Outside**  
Press@RunDepth: 31.39 psig @ 5111.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2012.06.04      End Date: 2012.06.04      Last Calib.: 2012.06.04  
Start Time: 07:45:05      End Time: 14:01:29      Time On Btm: 2012.06.04 @ 09:51:30  
Time Off Btm: 2012.06.04 @ 12:04:09

TEST COMMENT: IF- Weak surface blow.  
IS- No blow back.  
FF- No blow.  
FSI- No blow back.



### PRESSURE SUMMARY

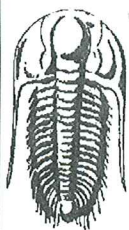
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2505.69	110.51	Initial Hydro-static
2	21.49	109.81	Open To Flow (1)
32	27.28	111.40	Shut-In(1)
62	908.88	113.05	End Shut-In(1)
62	26.20	112.75	Open To Flow (2)
94	31.39	114.00	Shut-In(2)
130	722.36	115.14	End Shut-In(2)
133	2391.20	115.69	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
30.00	5% w ater 95% mud trace oil and gas	0.42

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Blue Ridge Petroleum Corp.

19/27/24

P.O. Box 1913 Enid Ok. 73702+1913

**Roesener #1-19**

Job Ticket: 47633

**DST#: 3**

ATTN: Josh Austin

Test Start: 2012.06.04 @ 07:45:00

### 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:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	5% w ater 95% mud trace oil and gas	0.421

Total Length: 30.00 ft      Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

