



## DRILL STEM TEST REPORT

Prepared For: **Stratakan Exploration**

204 West Mill St.  
Plainville, KS. 67663

ATTN: Chris Bean

### **Bradley Unit #36-1**

### **36-17s-11w Barton,KS**

Start Date: 2014.10.26 @ 10:39:00

End Date: 2014.10.26 @ 17:53:00

Job Ticket #: 60286                      DST #: 1

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.31 @ 10:29:08



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Stratakan Exploration  
 204 West Mill St.  
 Plainville, KS. 67663  
 ATTN: Chris Bean

**36-17s-11w Barton,KS**

**Bradley Unit #36-1**

Job Ticket: 60286

**DST#: 1**

Test Start: 2014.10.26 @ 10:39:00

## GENERAL INFORMATION:

Formation: **LKC A-F**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:33:30  
 Time Test Ended: 17:53:00  
 Interval: **2972.00 ft (KB) To 3072.00 ft (KB) (TVD)**  
 Total Depth: 3072.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Dustin Ellis  
 Unit No: S2  
 Reference Elevations: 1821.00 ft (KB)  
 1815.00 ft (CF)  
 KB to GR/CF: 6.00 ft

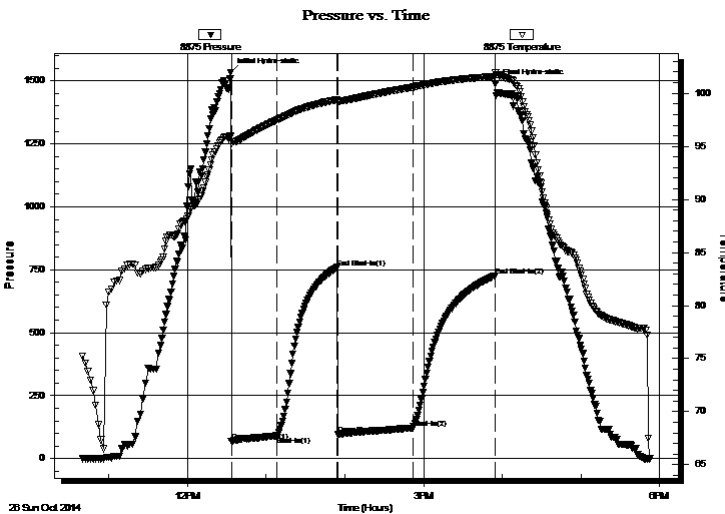
## Serial #: 8875

**Outside**

Press@RunDepth: 121.63 psig @ 3067.70 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2014.10.26 End Date: 2014.10.26 Last Calib.: 2014.10.27  
 Start Time: 10:40:00 End Time: 17:53:00 Time On Btm: 2014.10.26 @ 12:33:00  
 Time Off Btm: 2014.10.26 @ 15:55:00

**TEST COMMENT:** 1st Open 45 minutes BOB in 36 minutes.  
 1st Shut in 45 minutes No blow back  
 2nd Open 60 minutes BOB in 8 minutes.  
 2nd Shut in 60 minutes No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1533.75	95.96	Initial Hydro-static
1	67.88	95.24	Open To Flow (1)
36	91.00	97.49	Shut-In(1)
81	759.37	99.39	End Shut-In(1)
82	96.28	99.24	Open To Flow (2)
139	121.63	100.58	Shut-In(2)
202	726.59	101.57	End Shut-In(2)
202	1488.22	101.97	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
125.00	VSOCM 99%Mud 1%Oil	1.75

## Gas Rates

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





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stratakan Exploration

**36-17s-11w Barton,KS**

204 West Mill St.  
Plainville, KS. 67663

**Bradley Unit #36-1**

Job Ticket: 60286

**DST#: 1**

ATTN: Chris Bean

Test Start: 2014.10.26 @ 10:39:00

## Tool Information

Drill Pipe:	Length: 2959.00 ft	Diameter: 3.80 inches	Volume: 41.51 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 38000.00 lb
			<u>Total Volume: 41.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 34000.00 lb
Depth to Top Packer:	2972.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	100.70 ft			
Tool Length:	128.70 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			2949.00	
Hydraulic tool	5.00			2954.00	
Jars	6.00			2960.00	
Safety Joint	2.00			2962.00	
Top Packer	5.00			2967.00	
Packer	5.00			2972.00	28.00 Bottom Of Top Packer
Anchor	5.00			2977.00	
Change Over Sub	0.75			2977.75	
Drill Pipe	62.20			3039.95	
Change Over Sub	0.75			3040.70	
Anchor	27.00			3067.70	
Recorder	0.00	6839	Inside	3067.70	
Recorder	0.00	8875	Outside	3067.70	
Bull Plug	5.00			3072.70	100.70 Anchor Tool

**Total Tool Length: 128.70**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stratakan Exploration

**36-17s-11w Barton,KS**

204 West Mill St.  
Plainville, KS. 67663

**Bradley Unit #36-1**

Job Ticket: 60286

**DST#: 1**

ATTN: Chris Bean

Test Start: 2014.10.26 @ 10:39:00

## 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: 46.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	VSOCM 99%Mud 1%Oil	1.753

Total Length: 125.00 ft      Total Volume: 1.753 bbl

Num Fluid Samples: 0

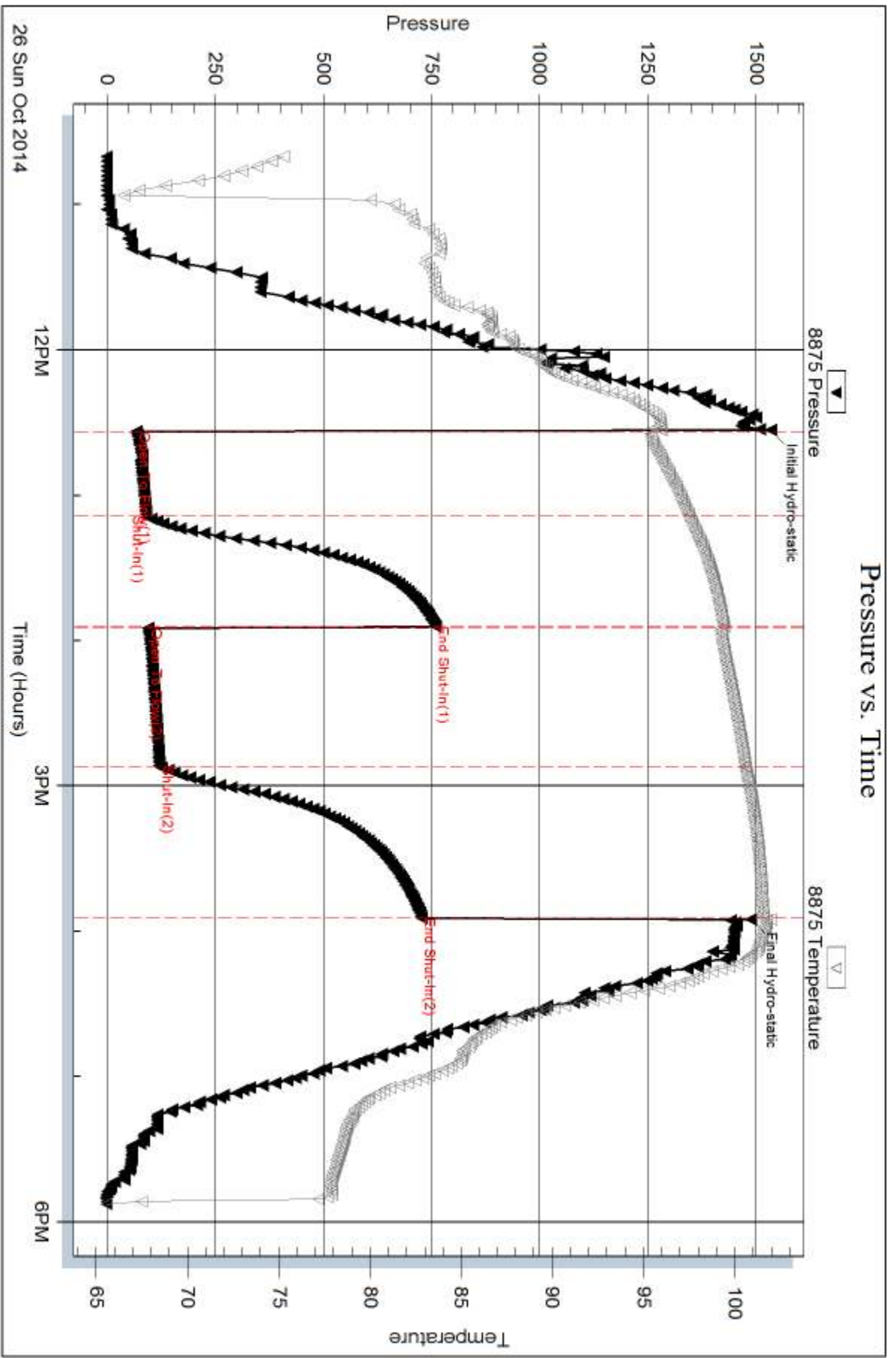
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



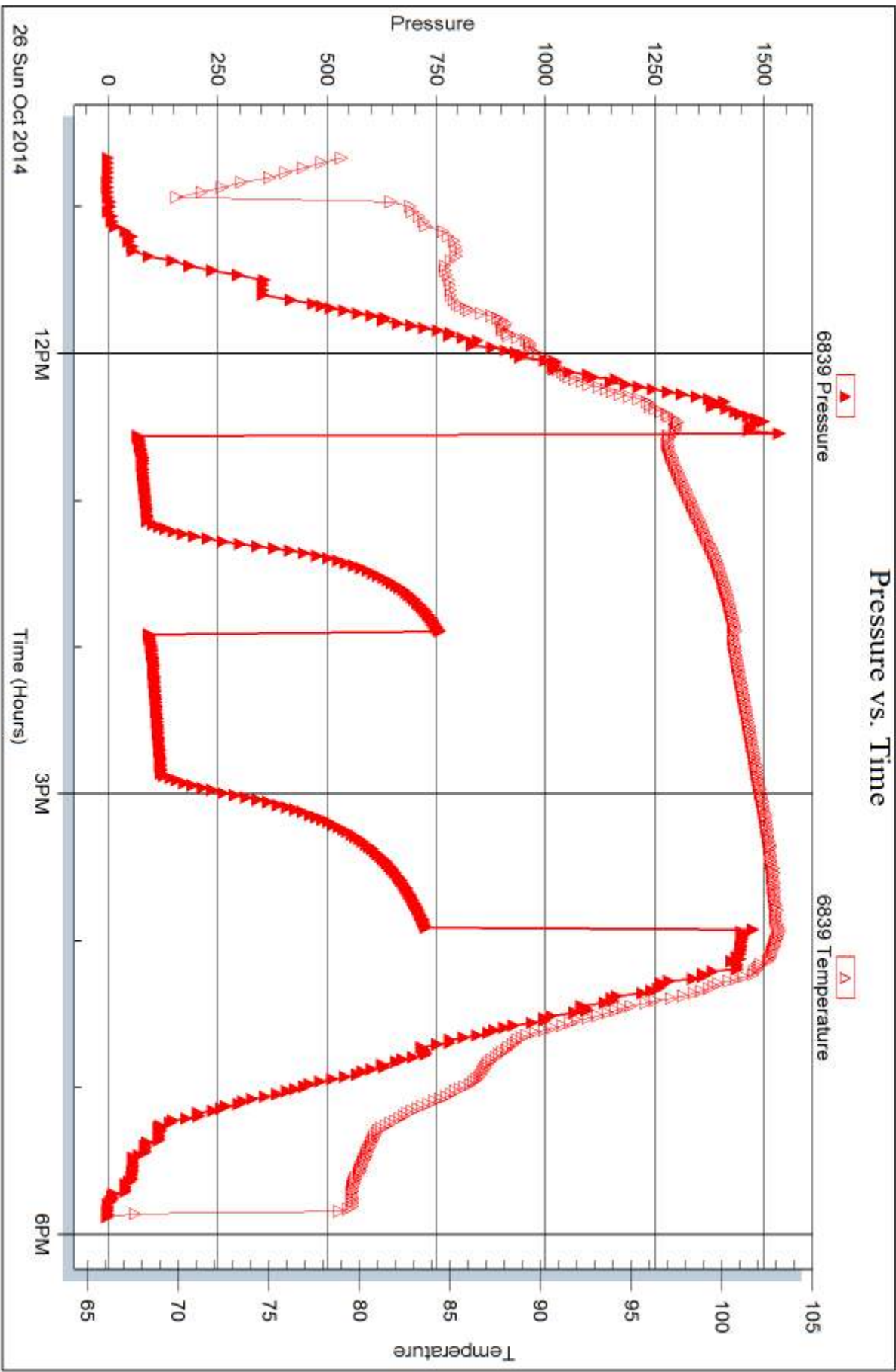
Serial #: 6839

Inside

Stratakan Exploration

Bradley Unit #36-1

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Stratakan Exploration**

204 West Mill St.  
Plainville, KS. 67663

ATTN: Chris Bean

### **Bradley Unit #36-1**

### **36-17s-11w Barton,KS**

Start Date: 2014.10.27 @ 08:44:00

End Date: 2014.10.27 @ 15:07:30

Job Ticket #: 60287                      DST #: 2

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.31 @ 10:28:39





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Stratakan Exploration  
 204 West Mill St.  
 Plainville, KS. 67663  
 ATTN: Chris Bean

**36-17s-11w Barton,KS**

**Bradley Unit #36-1**

Job Ticket: 60287

**DST#: 2**

Test Start: 2014.10.27 @ 08:44:00

## GENERAL INFORMATION:

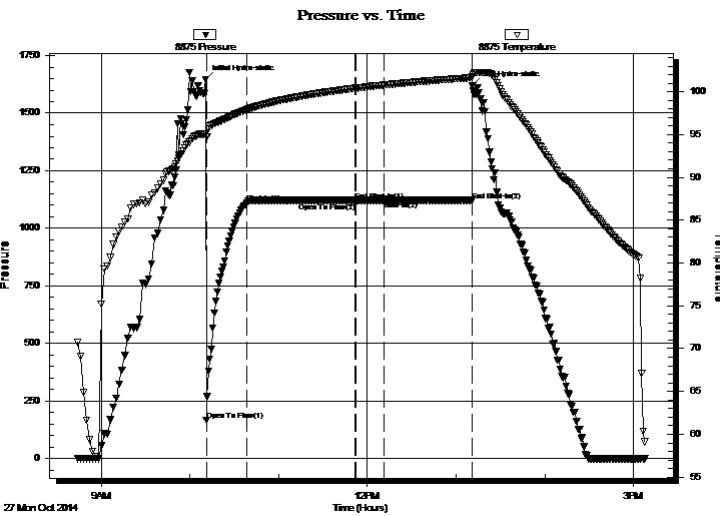
Formation: **Arbuckle**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:11:00  
 Time Test Ended: 15:07:30  
 Interval: **3244.00 ft (KB) To 3260.00 ft (KB) (TVD)**  
 Total Depth: 3260.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Dustin Ellis  
 Unit No: S2  
 Reference Elevations: 1821.00 ft (KB)  
 1815.00 ft (CF)  
 KB to GR/CF: 6.00 ft

## Serial #: 8875

**Outside**

Press@RunDepth: 1121.20 psig @ 3255.00 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2014.10.27 End Date: 2014.10.27 Last Calib.: 2014.10.28  
 Start Time: 08:44:00 End Time: 15:07:30 Time On Btm: 2014.10.27 @ 10:10:30  
 Time Off Btm: 2014.10.27 @ 13:11:00

TEST COMMENT: 1st Open 30 minutes BOB in 1.5 minutes.  
 1st Shut in 60 minutes No blow back  
 2nd Open 30 minutes BOB in 3 minutes.  
 2nd Shut in 60 minutes No blow back.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1645.35	95.05	Initial Hydro-static
1	167.61	94.73	Open To Flow (1)
28	1108.71	97.92	Shut-In(1)
101	1121.22	100.41	End Shut-In(1)
102	1112.98	100.42	Open To Flow (2)
121	1121.20	100.79	Shut-In(2)
181	1121.24	101.64	End Shut-In(2)
181	1620.19	101.75	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2500.00	Muddy water 5% mud 95% w ater	35.07

## Gas Rates

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Stratakan Exploration  
 204 West Mill St.  
 Plainville, KS. 67663  
 ATTN: Chris Bean

**36-17s-11w Barton,KS**

**Bradley Unit #36-1**

Job Ticket: 60287

**DST#: 2**

Test Start: 2014.10.27 @ 08:44:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:11:00

Time Test Ended: 15:07:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Ellis

Unit No: S2

**Interval: 3244.00 ft (KB) To 3260.00 ft (KB) (TVD)**

Reference Elevations: 1821.00 ft (KB)

Total Depth: 3260.00 ft (KB) (TVD)

1815.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

**Serial #: 6839 Inside**

Press@RunDepth: psig @ 3255.00 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.10.27

End Date:

2014.10.27

Last Calib.:

2014.10.28

Start Time: 08:44:00

End Time:

15:07:30

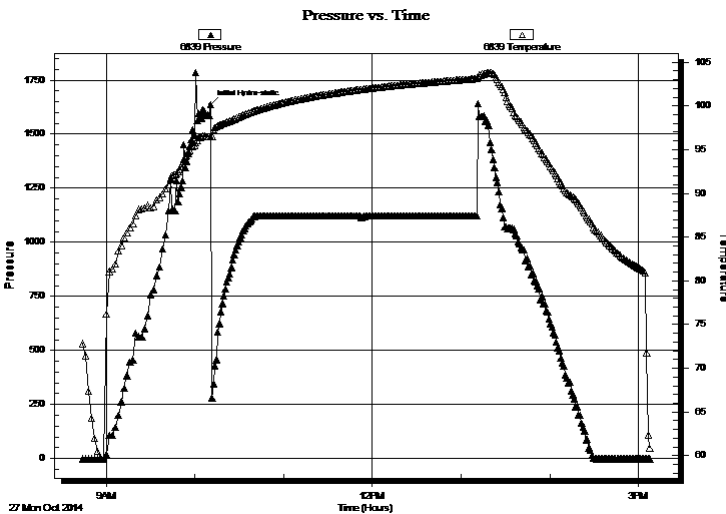
Time On Btm:

2014.10.27 @ 10:10:30

Time Off Btm:

**TEST COMMENT:** 1st Open 30 minutes BOB in 1.5 minutes.  
 1st Shut in 60 minutes No blow back  
 2nd Open 30 minutes BOB in 3 minutes.  
 2nd Shut in 60 minutes No blow back.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1637.58	96.47	Initial Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
2500.00	Muddy water 5% mud 95% w ater	35.07

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stratakan Exploration

**36-17s-11w Barton,KS**

204 West Mill St.  
Plainville, KS. 67663

**Bradley Unit #36-1**

Job Ticket: 60287

**DST#: 2**

ATTN: Chris Bean

Test Start: 2014.10.27 @ 08:44:00

## Tool Information

Drill Pipe:	Length: 3233.00 ft	Diameter: 3.80 inches	Volume: 45.35 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 45.35 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3244.00 ft			Final 44000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	16.00 ft			
Tool Length:	44.00 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			3221.00	
Hydraulic tool	5.00			3226.00	
Jars	6.00			3232.00	
Safety Joint	2.00			3234.00	
Top Packer	5.00			3239.00	
Packer	5.00			3244.00	28.00 Bottom Of Top Packer
Perforations	11.00			3255.00	
Recorder	0.00	6839	Inside	3255.00	
Recorder	0.00	8875	Outside	3255.00	
Bull Plug	5.00			3260.00	16.00 Anchor Tool
<b>Total Tool Length:</b>	<b>44.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stratakan Exploration

**36-17s-11w Barton,KS**

204 West Mill St.  
Plainville, KS. 67663

**Bradley Unit #36-1**

Job Ticket: 60287

**DST#: 2**

ATTN: Chris Bean

Test Start: 2014.10.27 @ 08:44:00

## 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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2500.00	Muddy w ater 5%mud 95%w ater	35.068

Total Length: 2500.00 ft      Total Volume: 35.068 bbl

Num Fluid Samples: 0

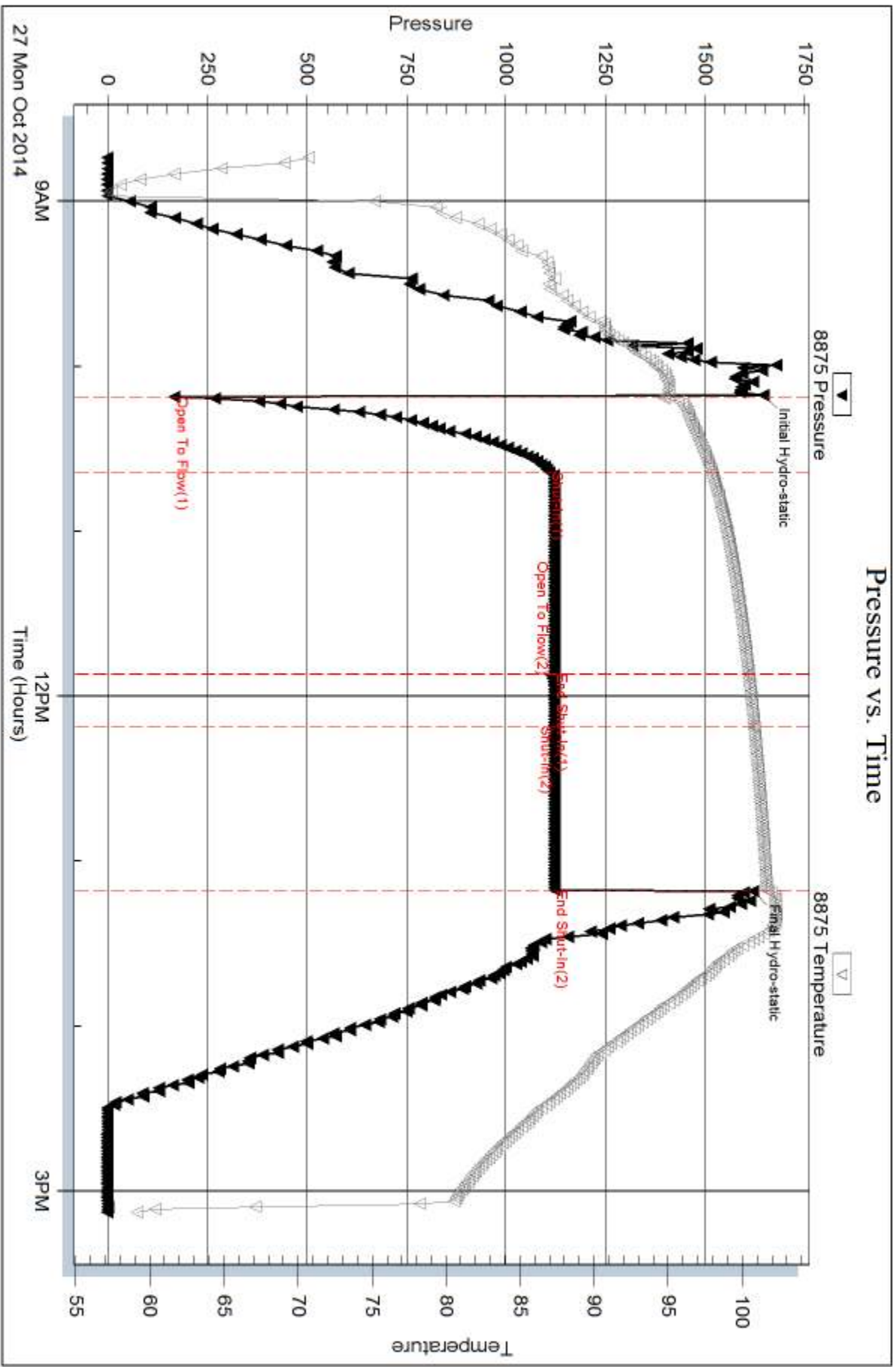
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



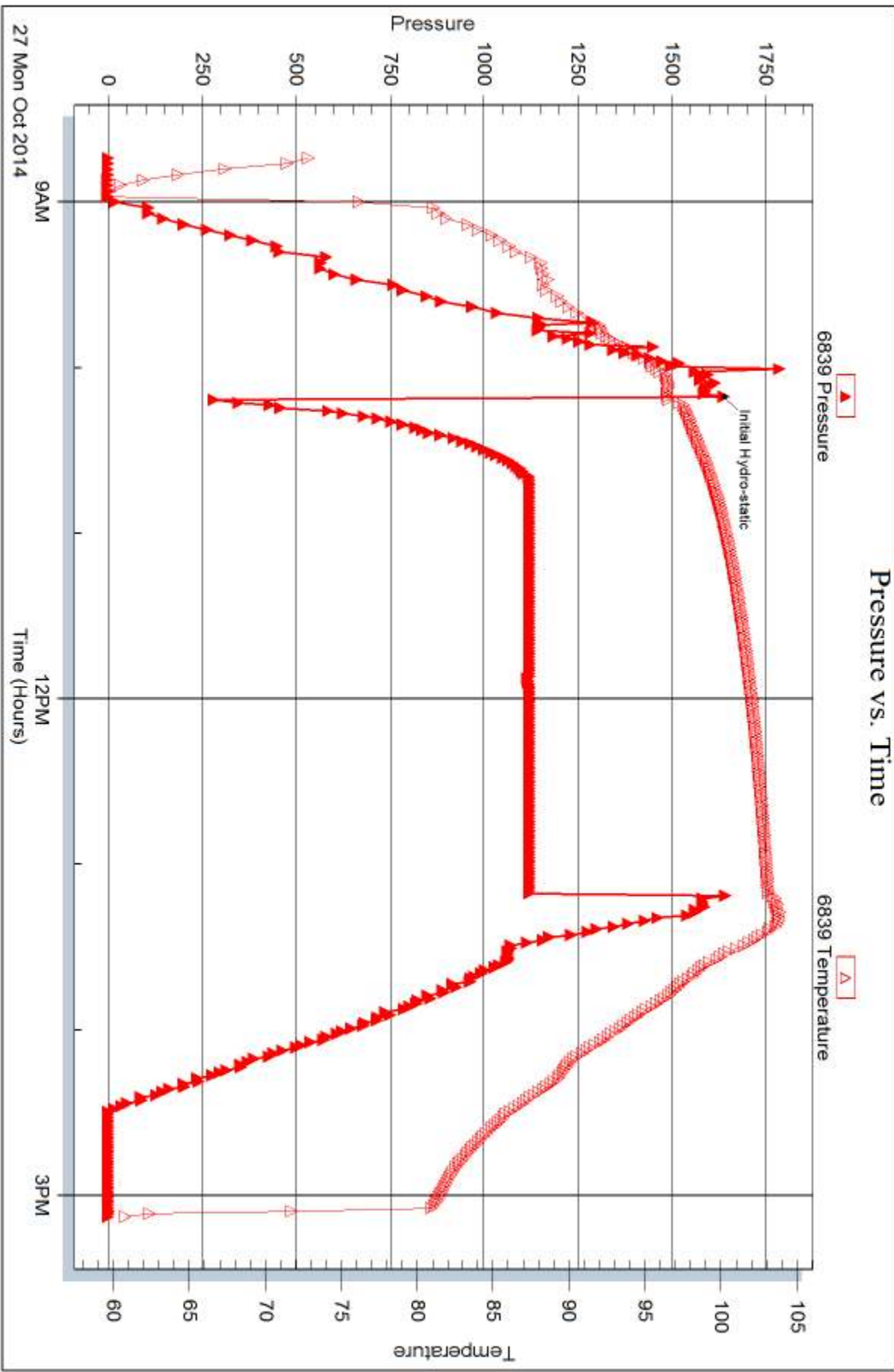
Serial #: 6839

Inside

Stratakan Exploration

Bradley Unit #36-1

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 60287

Printed: 2014, 10, 31 @ 10:28:40



## DRILL STEM TEST REPORT

Prepared For: **Stratakan Exploration**

204 West Mill St.  
Plainville, KS. 67663

ATTN: Chris Bean

### **Bradley Unit #36-1**

### **36-17s-11w Barton,KS**

Start Date: 2014.10.28 @ 22:10:00

End Date: 2014.10.29 @ 05:00:30

Job Ticket #: 60288                      DST #: 3

Trilobite Testing, Inc  
1515 Commerce Parkway Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.10.31 @ 10:17:13



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Stratakan Exploration  
 204 West Mill St.  
 Plainville, KS. 67663  
 ATTN: Chris Bean

**36-17s-11w Barton,KS**

**Bradley Unit #36-1**

Job Ticket: 60288

**DST#: 3**

Test Start: 2014.10.28 @ 22:10:00

## GENERAL INFORMATION:

Formation: **LKC J**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:03:30  
 Time Test Ended: 05:00:30  
 Interval: **3155.00 ft (KB) To 3185.00 ft (KB) (TVD)**  
 Total Depth: 3276.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Initial)  
 Tester: Dustin Ellis  
 Unit No: S2  
 Reference Elevations: 1821.00 ft (KB)  
 1815.00 ft (CF)  
 KB to GR/CF: 6.00 ft

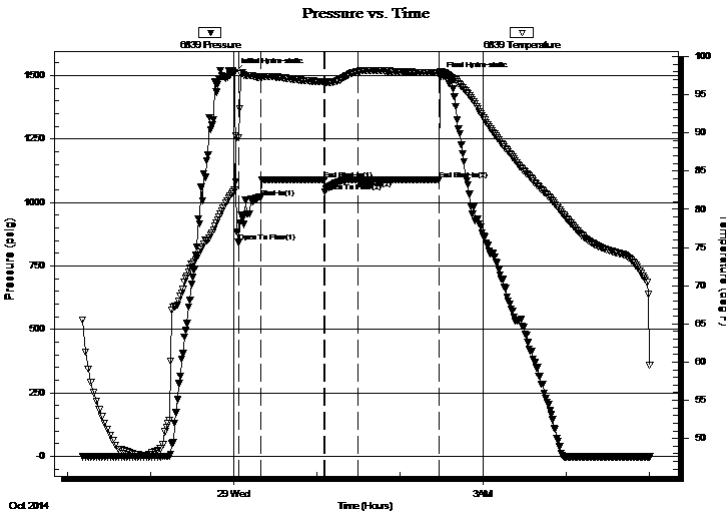
## Serial #: 6839

Inside

Press@RunDepth: 1088.88 psig @ 3184.00 ft (KB) Capacity: 5000.00 psig  
 Start Date: 2014.10.28 End Date: 2014.10.29 Last Calib.: 2014.10.29  
 Start Time: 22:11:00 End Time: 05:00:30 Time On Btm: 2014.10.29 @ 00:00:30  
 Time Off Btm: 2014.10.29 @ 02:29:00

TEST COMMENT: 1st Open 20 minutes BOB in 45 seconds.  
 1st Shut in 45 minutes No blow back  
 2nd Open 20 minutes BOB in 1 minute  
 2nd Shut in 60 minutes No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1512.22	82.49	Initial Hydro-static
3	843.08	89.39	Open To Flow (1)
20	1018.72	97.28	Shut-In(1)
65	1088.98	96.69	End Shut-In(1)
66	1042.69	96.67	Open To Flow (2)
90	1088.88	98.07	Shut-In(2)
148	1088.71	97.87	End Shut-In(2)
149	1496.46	97.96	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1008.00	Mud 100%	14.14
1372.00	Water 100%	19.25

## Gas Rates

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





**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Stratakan Exploration  
 204 West Mill St.  
 Plainville, KS. 67663  
 ATTN: Chris Bean

**36-17s-11w Barton,KS**

**Bradley Unit #36-1**

Job Ticket: 60288

**DST#: 3**

Test Start: 2014.10.28 @ 22:10:00

## GENERAL INFORMATION:

Formation: **LKC J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:03:30

Time Test Ended: 05:00:30

Test Type: Conventional Straddle (Initial)

Tester: Dustin Ellis

Unit No: S2

**Interval: 3155.00 ft (KB) To 3185.00 ft (KB) (TVD)**

Reference Elevations: 1821.00 ft (KB)

Total Depth: 3276.00 ft (KB) (TVD)

1815.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 6.00 ft

**Serial #: 8875 Below (Straddle)**

Press@RunDepth: psig @ 3281.74 ft (KB)

Capacity: 5000.00 psig

Start Date: 2014.10.28

End Date:

2014.10.29

Last Calib.:

2014.10.29

Start Time: 22:11:00

End Time:

05:00:30

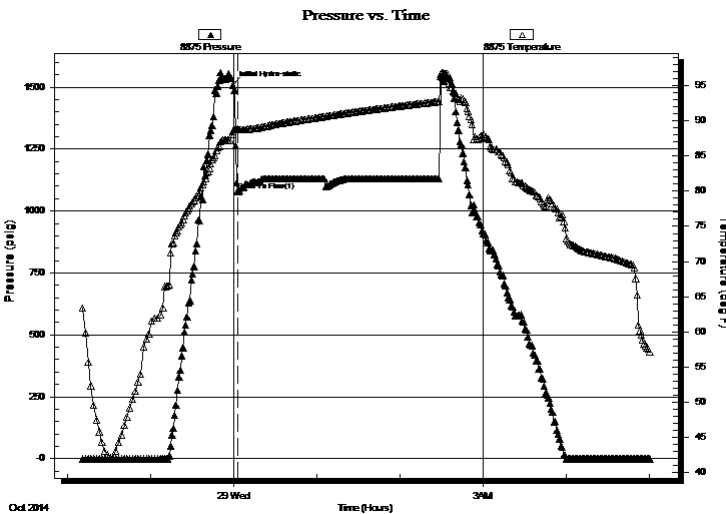
Time On Btm:

2014.10.28 @ 23:59:30

Time Off Btm:

**TEST COMMENT:** 1st Open 20 minutes BOB in 45 seconds.  
 1st Shut in 45 minutes No blow back  
 2nd Open 20 minutes BOB in 1 minute  
 2nd Shut in 60 minutes No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1508.26	88.53	Initial Hydro-static
4	1082.00	88.76	Open To Flow (1)

## Recovery

Length (ft)	Description	Volume (bbl)
1008.00	Mud 100%	14.14
1372.00	Water 100%	19.25

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Stratakan Exploration

**36-17s-11w Barton,KS**

204 West Mill St.  
Plainville, KS. 67663

**Bradley Unit #36-1**

Job Ticket: 60288

**DST#: 3**

ATTN: Chris Bean

Test Start: 2014.10.28 @ 22:10:00

## Tool Information

Drill Pipe:	Length: 3144.00 ft	Diameter: 3.80 inches	Volume: 44.10 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 46000.00 lb
			<u>Total Volume: 44.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3155.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	3286.74 ft			
Interval between Packers:	131.74 ft			
Tool Length:	154.74 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			3137.00	
Hydraulic tool	5.00			3142.00	
Jars	6.00			3148.00	
Safety Joint	2.00			3150.00	
Packer	5.00			3155.00	23.00 Bottom Of Top Packer
Anchor	28.00			3183.00	
Recorder	1.00	6839	Inside	3184.00	
Blank Off Sub	1.00			3185.00	
change Over Sub	0.75			3185.75	
packer	5.00			3190.75	
Anchor	27.00			3217.75	
Drill Pipe	62.24		Inside	3279.99	
change Over Sub	0.75			3280.74	
Recorder	1.00	8875	Below	3281.74	
Bull Plug	5.00			3286.74	131.74 Anchor Tool

**Total Tool Length: 154.74**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Stratakan Exploration

**36-17s-11w Barton,KS**

204 West Mill St.  
Plainville, KS. 67663

**Bradley Unit #36-1**

Job Ticket: 60288

**DST#: 3**

ATTN: Chris Bean

Test Start: 2014.10.28 @ 22:10:00

## 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: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1008.00	Mud 100%	14.140
1372.00	Water 100%	19.246

Total Length: 2380.00 ft      Total Volume: 33.386 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6839

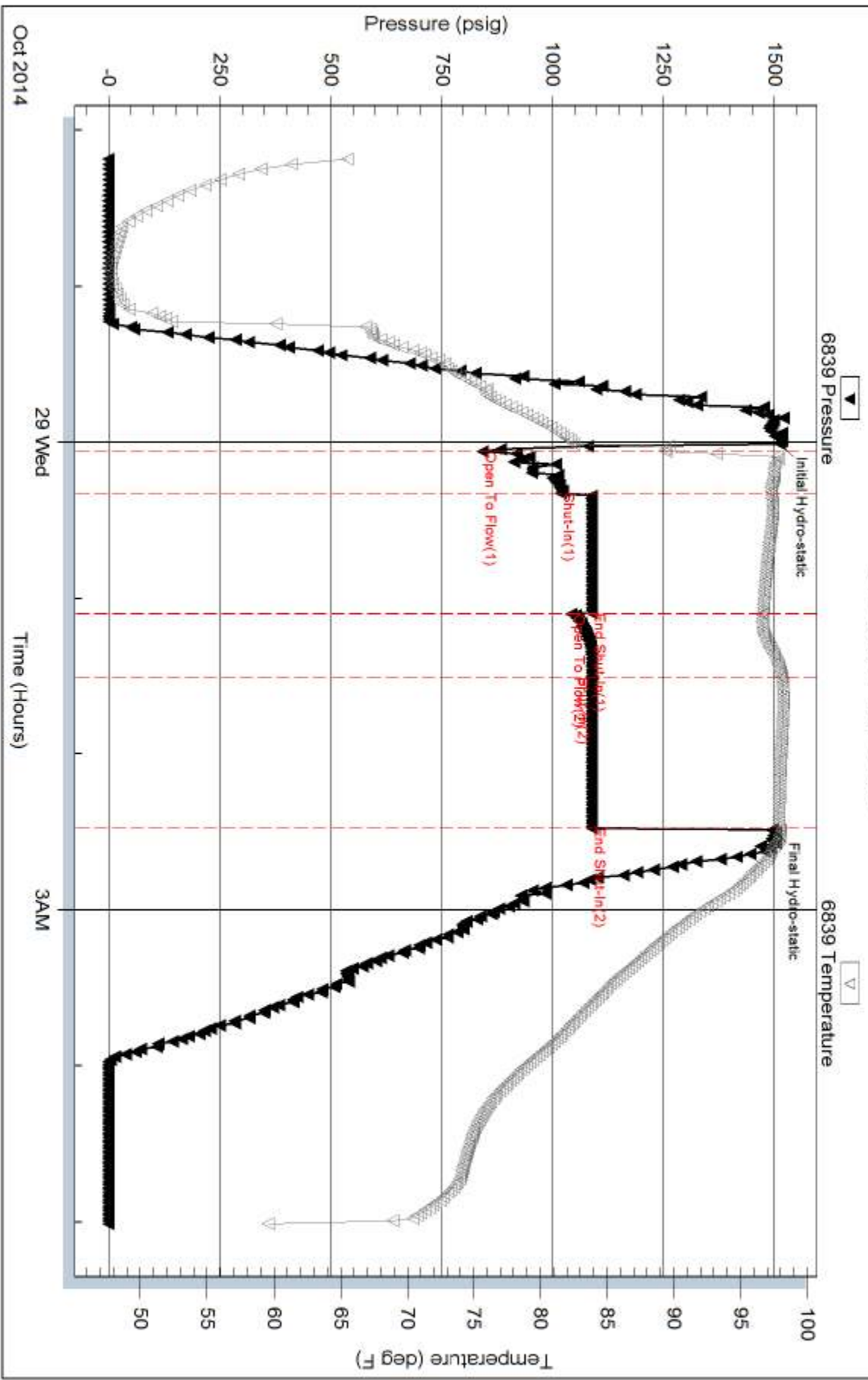
Inside

Stratakan Exploration

Bradley Unit #36-1

DST Test Number: 3

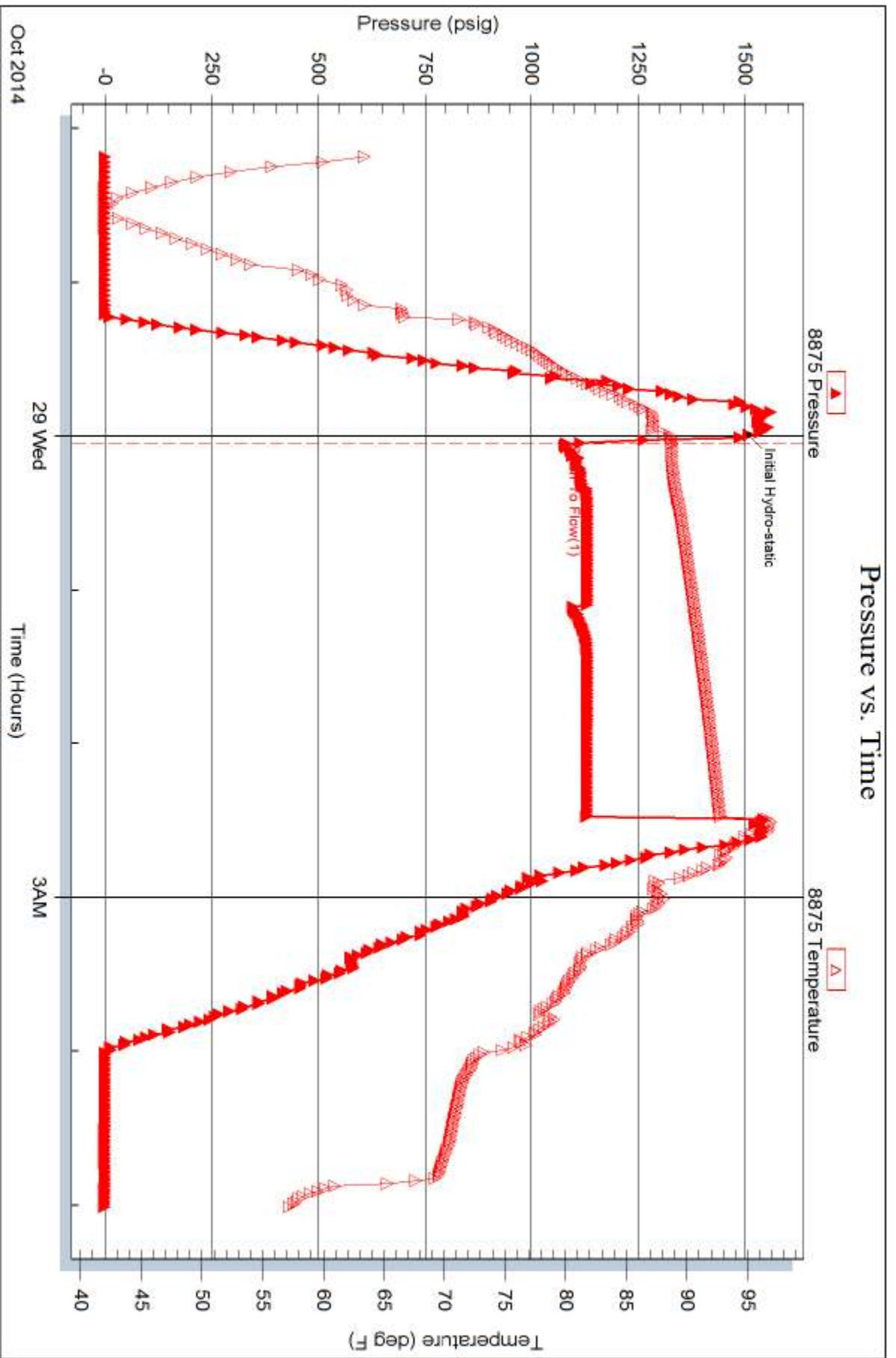
### Pressure vs. Time

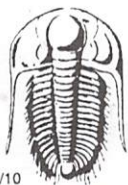


Trilobite Testing, Inc

Ref. No: 60288

Printed: 2014, 10:31 @ 10:17:14





# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 60286

4/10

Well Name & No. Bradley Unit 36-1 Test No. 1 Date 10-26-14  
 Company Stratcan Exploration Elevation 1815 KB 1821 GL  
 Address 204 West Mill St. Plainville KS 67663  
 Co. Rep / Geo. Chris Bean Rig White Knight Rig #1  
 Location: Sec. 36 Twp. 17s Rge. 11w Co. Barton State KS

Interval Tested 2972-3072 Zone Tested Kansing A-F  
 Anchor Length 100 Drill Pipe Run 2959 Mud Wt. 9.1  
 Top Packer Depth 2965 Drill Collars Run 0 Vis 46  
 Bottom Packer Depth 2972 Wt. Pipe Run 20000 WL 8  
 Total Depth 3072 Chlorides 4000 ppm System LCM 1

Blow Description 1st open - BOB in 36 minutes.  
1st shut-in - No blow back.  
2nd open - BOB in 8 minutes.  
2nd shut-in - No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
<u>125</u>	<u>oil cut mud</u>	<u>1</u>		<u>99</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 \_\_\_\_\_ BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 1533  Test 1150 T-On Location 9:30pm  
 (B) First Initial Flow 67  Jars 250 T-Started 10:39pm  
 (C) First Final Flow 91  Safety Joint 75 T-Open 12:22am  
 (D) Initial Shut-In 125  Circ Sub \_\_\_\_\_ T-Pulled 3:52am  
 (E) Second Initial Flow 96  Hourly Standby \_\_\_\_\_ T-Out \_\_\_\_\_  
 (F) Second Final Flow 121  Mileage 50 77.50 Comments \_\_\_\_\_  
 (G) Final Shut-In 1726  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 14180  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_

Initial Open 45  Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Initial Shut-In 45  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Final Flow 60  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Shut-In 60  Day Standby \_\_\_\_\_ Total 1552.50  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1552.50

Approved By \_\_\_\_\_ Our Representative Dustin Ellis

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. 60287

Well Name & No. Bradley Unit 36-1 Test No. 2 Date 10-27-14  
 Company Stratakan Exploration Elevation 1815 KB 1821 GL  
 Address 204 West Mill St. Plainville KS 67663  
 Co. Rep / Geo. Chris Bean Rig White Knight  
 Location: Sec. 36 Twp. 17S Rge. 11W Co. Barton State KS

Interval Tested 3244-3260 Zone Tested Arbuckle  
 Anchor Length 16 Drill Pipe Run 3223 Mud Wt. 9.1  
 Top Packer Depth 3239 Drill Collars Run 0 Vis 44  
 Bottom Packer Depth 3244 Wt. Pipe Run 20000 WL 10.8  
 Total Depth 3260 Chlorides 6000 ppm System LCM 1

Blow Description 1st open - BOB in 1.5 minutes.  
1st shut in - No blow back.  
2nd open - BOB in 3 min.  
2nd shut in - No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2500</u>	<u>Muddy water</u>		<u>95</u>	<u>5</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 2500 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic \_\_\_\_\_  Test 1150 T-On Location 8:15 pm  
 (B) First Initial Flow \_\_\_\_\_  Jars 250 T-Started 8:43 pm  
 (C) First Final Flow \_\_\_\_\_  Safety Joint 75 T-Open 10:10 pm  
 (D) Initial Shut-In \_\_\_\_\_  Circ Sub \_\_\_\_\_ T-Pulled 1:10 pm  
 (E) Second Initial Flow \_\_\_\_\_  Hourly Standby \_\_\_\_\_ T-Out \_\_\_\_\_  
 (F) Second Final Flow \_\_\_\_\_  Mileage 50 77.50 Comments \_\_\_\_\_  
 (G) Final Shut-In \_\_\_\_\_  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic \_\_\_\_\_  Straddle \_\_\_\_\_  Ruined Shalé Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Initial Shut-In 60  Day Standby \_\_\_\_\_ Total 1552.50  
 Final Flow 30  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 60 Sub Total 1552.50

Approved By \_\_\_\_\_ Our Representative Dustin Ellis  
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# TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

## Test Ticket

NO. 60288

Well Name & No. Bradley Unit 36-1 Test No. 3 Date 10-28-14  
 Company Stratakan Exploration Elevation 1815 KB 1821 GL  
 Address 204 West Mill St. Plainville KS 67663  
 Co. Rep / Geo. Chlis Bean Rig White Knight Rig 1  
 Location: Sec. 36 Twp. 17s Rge. 11w Co. Barren State KS

Interval Tested 3155 - 3185 Zone Tested Lansing J  
 Anchor Length 30 Drill Pipe Run 3144 Mud Wt. 9  
 Top Packer Depth 3155 Drill Collars Run 0 Vis 66  
 Bottom Packer Depth 3185 Wt. Pipe Run 2000 WL 8  
 Total Depth 3276 Chlorides 4000 ppm System LCM 1

Blow Description 1st open - BOB in 45 seconds.  
1st shut in - No blow back.  
2nd open - BOB in 1 minute.  
2nd shut in - No blow back.

Rec	Feet of	%gas	%oil	%water	%mud
<u>1008</u>	<u>mud</u>				<u>100</u>
<u>1372</u>	<u>water</u>			<u>100</u>	

Rec Total 2380 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ ° F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>1512</u>	<input type="checkbox"/> Test <u>950</u>	T-On Location <u>9:45pm</u>
(B) First Initial Flow <u>843</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>10:10pm</u>
(C) First Final Flow <u>1018</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>11:59pm</u>
(D) Initial Shut-In <u>1088</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>2:24am</u>
(E) Second Initial Flow <u>1042</u>	<input type="checkbox"/> Hourly Standby _____	T-Out _____
(F) Second Final Flow <u>1088</u>	<input type="checkbox"/> Mileage <u>50</u> 77.50	Comments _____
(G) Final Shut-In <u>1098</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1496</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Open <u>20</u>	<input checked="" type="checkbox"/> Extra Recorder <u>200</u>	Sub Total <u>0</u>
Initial Shut-In <u>45</u>	<input type="checkbox"/> Day Standby _____	Total <u>2152.50</u>
Final Flow <u>28</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
Final Shut-In <u>60</u>	Sub Total <u>2152.50</u>	

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