

**TRIOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Venture Resources  
2255 s. Wadsworth, Ste. 205  
Lakewood Co. 80227  
ATTN: Gregg Mackey

**Stephen 1-29**  
**Sec29 Twp7 Rge21**  
Job Ticket: 38406      DST#: 6  
Test Start: 2010.09.24 @ 08:50:00

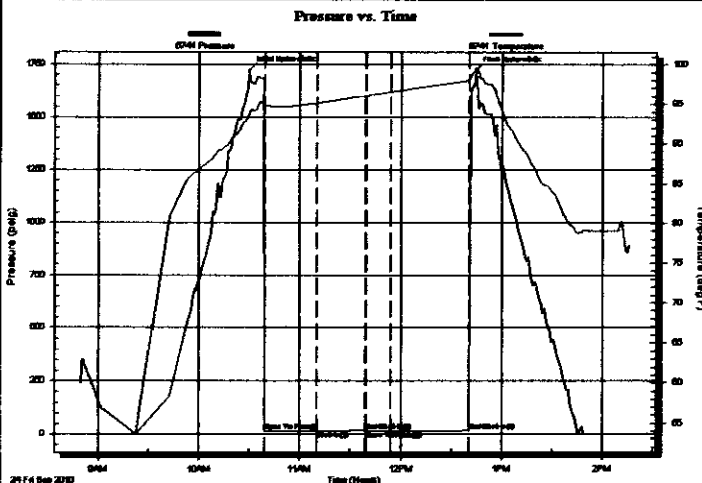
## GENERAL INFORMATION:

Formation: **LKC-G**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 10:39:00  
Time Test Ended: 14:15:30  
Interval: **3485.00 ft (KB) To 3509.00 ft (KB) (TVD)**  
Total Depth: **3284.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Chuck Kreutzer Jr.**  
Unit No: **36**  
Reference Elevations: **2147.00 ft (KB)**  
**2142.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

**Serial #: 6741**      **Inside**  
Press@RunDepth: **15.90 psig @ 3486.00 ft (KB)**  
Start Date: **2010.09.24**      End Date: **2010.09.24**  
Start Time: **08:50:00**      End Time: **14:15:30**  
Capacity: **8000.00 psig**  
Last Calib.: **2010.09.24**  
Time On Btr: **2010.09.24 @ 10:30:00**  
Time Off Btr: **2010.09.24 @ 12:44:30**

**TEST COMMENT:** IF: Weak surface blow, Died in 4 mins.  
IS: No blow back over 45 mins.  
FF: No blow over 15 mins.  
FSI: No blow back over 45 mins.

## PRESSURE SUMMARY



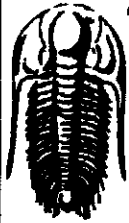
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1722.66	93.66	Initial Hydro-static
9	14.96	94.53	Open To Flow (1)
40	15.54	95.10	Shut-in(1)
69	16.29	96.05	End Shut-in(1)
70	15.36	96.07	Open To Flow (2)
84	15.90	96.55	Shut-in(2)
131	16.19	97.97	End Shut-in(2)
135	1724.53	99.27	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud with oil specs	0.01
0.00	sampler-2000mL mud 250 psi.	0.00

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)



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ATTN: Gregg Mackey

**Stephen 1-29**  
**Sec29 Twp7 Rge21**  
Job Ticket: 38405      **DST#: 5**  
Test Start: 2010.09.23 @ 03:50:00

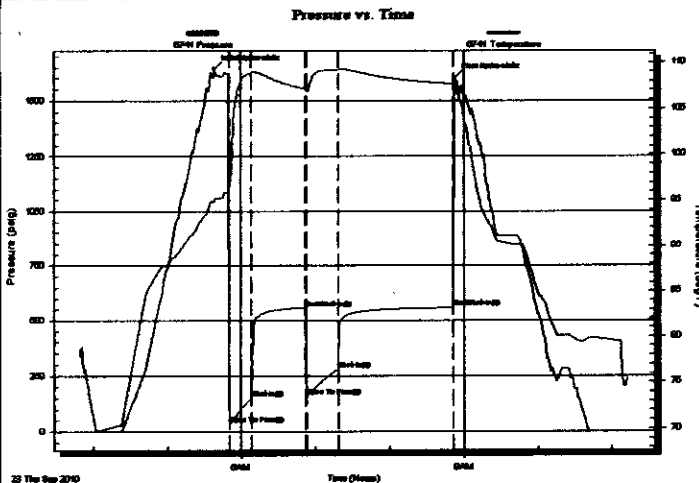
## GENERAL INFORMATION:

Formation: LKC-C  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 05:50:30  
Time Test Ended: 11:12:30  
Interval: 3378.00 ft (KB) To 3402.00 ft (KB) (TVD)  
Total Depth: 3402.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Chuck Kreutzer Jr.  
Unit No: 36  
Reference Elevations: 2147.00 ft (KB)  
2142.00 ft (CF)  
KB to GR/CF: 5.00 ft

**Serial #: 6741**      **Inside**  
Press@RunDepth: 278.48 psig @ 3379.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2010.09.23      End Date: 2010.09.23      Last Calib.: 2010.09.23  
Start Time: 03:50:01      End Time: 11:12:30      Time On Btm: 2010.09.23 @ 05:38:30  
Time Off Btm: 2010.09.23 @ 08:53:00

**TEST COMMENT:** F: Strong blow, B.O.B in 5 mins.  
IS: No blow back over 45 mins.  
FF: Strong blow B.O.B in 5 mins.  
FS: No blow back over 90 mins.

## PRESSURE SUMMARY



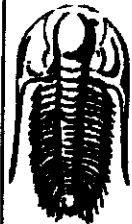
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1645.59	94.83	Initial Hydro-static
12	35.48	96.06	Open To Flow (1)
30	150.78	108.87	Shut-in(1)
74	557.14	107.15	End Shut-in(1)
75	159.65	106.91	Open To Flow (2)
100	278.48	109.25	Shut-in(2)
194	558.80	107.64	End Shut-in(2)
195	1605.02	107.75	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	sampler-2000ml water 50 psi	0.00
310.00	mcw -10% m90%w	4.35
310.00	mcw -40% m60%w	4.35

## Gas Rates

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



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**Stephen 1-29**

2255 s. Wadsworth, Ste. 205  
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**Sec29 Twp7 Rge21**

ATTN: Gregg Mackey

Job Ticket: 38404

DST#: 4

Test Start: 2010.09.22 @ 15:00:00

## GENERAL INFORMATION:

Formation: **LKC-A**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: **16:23:30**

Time Test Ended: **19:47:30**

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Kreutzer Jr.**

Unit No: **36**

Interval: **3348.00 ft (KB) To 3366.00 ft (KB) (TVD)**

Total Depth: **3366.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2147.00 ft (KB)**

**2142.00 ft (CF)**

KB to GR/CF: **5.00 ft**

**Serial #: 6741**

**Inside**

Press@RunDepth: **15.90 psig @ 3349.00 ft (KB)**

Start Date: **2010.09.22**

End Date:

**2010.09.22**

Start Time: **15:00:00**

End Time:

**19:47:30**

Capacity: **8000.00 psig**

Last Calib.: **2010.09.22**

Time On Btm: **2010.09.22 @ 16:16:30**

Time Off Btm: **2010.09.22 @ 18:23:30**

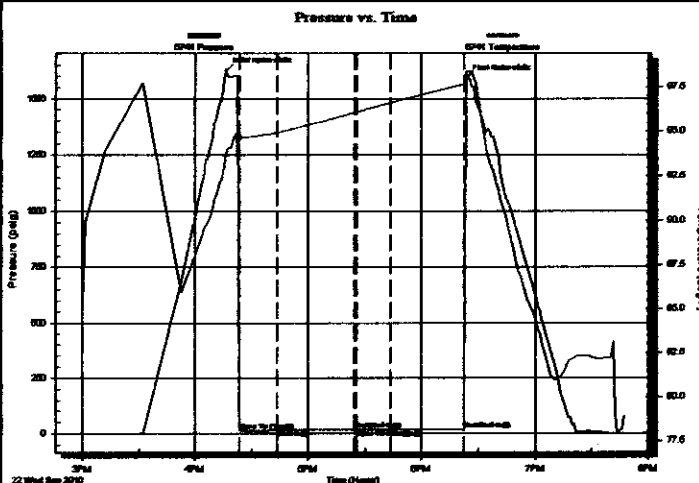
TEST COMMENT: **IF: Weak surface blow, Died in 1 min.**

**IS: No blow back over 45 mins.**

**FF: No blow over 5 mins.**

**FSI: No blow back over 15 mins.**

## PRESSURE SUMMARY



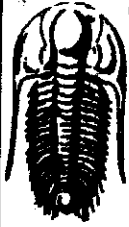
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1625.71	93.73	Initial Hydro-static
7	14.52	94.43	Open To Flow (1)
27	15.58	94.93	Shut-In(1)
68	16.71	96.05	End Shut-In(1)
69	15.53	96.08	Open To Flow (2)
87	15.90	96.60	Shut-In(2)
126	17.07	97.65	End Shut-In(2)
127	1593.40	98.38	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	mud	0.01
0.00	sampler 2000ml. mud	0.00

## Gas Rates

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



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ATTN: Gregg Mackey

Stephen 1-29

Sec29 Twp7 Rge21

Job Ticket: 38403

DST#: 3

Test Start: 2010.09.22 @ 04:05:00

## GENERAL INFORMATION:

Formation: **Toronto**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 06:05:30

Time Test Ended: 09:52:30

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Kreutzer Jr.**

Unit No: **36**

Interval: **3312.00 ft (KB) To 3348.00 ft (KB) (TVD)**

Total Depth: **3348.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2147.00 ft (KB)**

**2142.00 ft (CF)**

KB to GR/CF: **5.00 ft**

Serial #: **6741** Inside

Press@RunDepth: **19.08 psig @ 3313.00 ft (KB)**

Start Date: **2010.09.22**

End Date: **2010.09.22**

Start Time: **04:05:00**

End Time: **09:52:30**

Capacity: **8000.00 psig**

Last Calib.: **2010.09.22**

Time On Btm: **2010.09.22 @ 05:48:30**

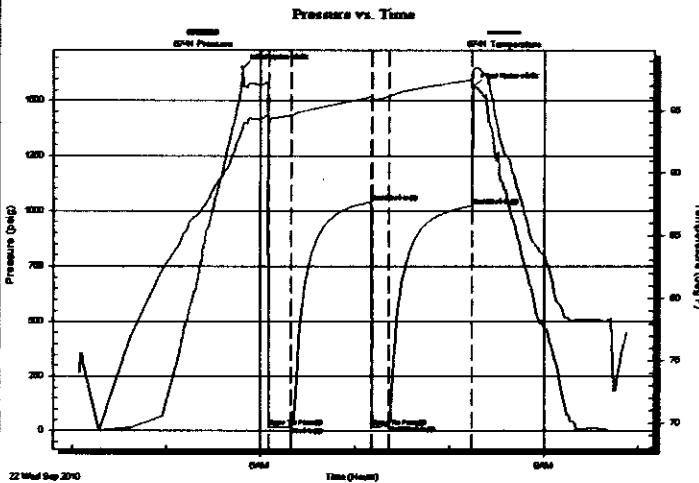
Time Off Btm: **2010.09.22 @ 08:15:00**

TEST COMMENT: **IF: Weak surface blow, Died in 7 mins.**

**IS: No blow back in 45 mins.**

**FF: No blow over 15 mins.**

**FS: No blow back over 45 mins.**



## PRESSURE SUMMARY

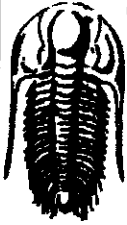
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1651.63	93.56	Initial Hydro-static
17	17.68	94.13	Open To Flow (1)
31	19.08	94.58	Shut-in(1)
82	1039.68	96.07	End Shut-in(1)
83	19.35	95.76	Open To Flow (2)
93	24.36	96.09	End Shut-in(2)
146	1022.14	97.51	End Shut-in(3)
147	1565.53	98.11	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud	0.14
0.00	sampler-200ml. mud 150psi	0.00

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcfd)



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ATTN: Gregg Mackey

**Stephen 1-29**

**Sec29 Twp7 Rge21**

Job Ticket: 38402

**DST#: 2**

Test Start: 2010.09.21 @ 15:35:00

### GENERAL INFORMATION:

Formation: **Lower Topeka**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: **17:17:30**

Time Test Ended: **21:01:00**

Test Type: **Conventional Bottom Hole**

Tester: **Chuck Kreutzer Jr.**

Unit No: **36**

Interval: **3284.00 ft (KB) To 3328.00 ft (KB) (TVD)**

Total Depth: **3328.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2147.00 ft (KB)**

**2142.00 ft (CF)**

KB to GR/CF: **5.00 ft**

**Serial #: 6741** **Inside**

Press@RunDepth: **26.89 psig @ 3285.00 ft (KB)**

Start Date: **2010.09.21**

End Date: **2010.09.21**

Start Time: **15:35:00**

End Time: **21:01:00**

Capacity: **8000.00 psig**

Last Calib.: **2010.09.21**

Time On Btm: **2010.09.21 @ 17:13:30**

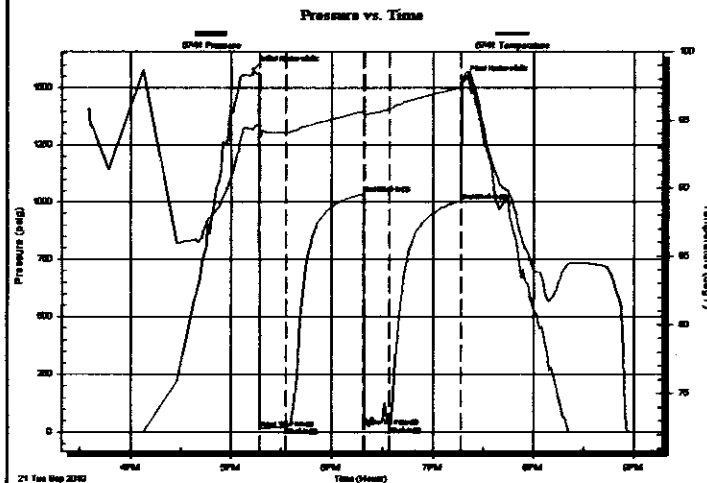
Time Off Btm: **2010.09.21 @ 19:18:00**

**TEST COMMENT:** IF: Weak surface blow over 15 mins.

IS: No blow back over 45 mins.

FF: No blow over 15 mins.

FS: no blow over 45 mins.



### PRESSURE SUMMARY

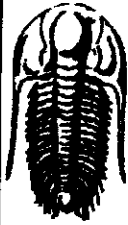
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1580.13	94.31	Initial Hydro-static
4	18.00	93.75	Open To Flow (1)
20	19.71	94.08	Shut-In(1)
66	1036.68	95.67	End Shut-In(1)
66	25.09	95.18	Open To Flow (2)
81	26.89	95.79	Shut-In(2)
124	1004.84	97.41	End Shut-In(2)
125	1538.94	98.08	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
20.00	mud-100%m	0.28
0.00	sampler-2000ml mud 25 psi	0.00

### Gas Rates

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



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**Sec29 Twp7 Rge21**

ATTN: Gregg Mackey

Job Ticket: 38401

**DST#: 1**

Test Start: 2010.09.21 @ 00:45:00

## GENERAL INFORMATION:

Formation: **Topeka**  
 Deviated: **No Whipstock:** ft (KB)  
 Time Tool Opened: 02:42:00  
 Time Test Ended: 07:59:00

Test Type: **Conventional Bottom Hole**  
 Tester: **Chuck Kreutzer Jr.**  
 Unit No: **36**

Interval: **3260.00 ft (KB) To 3284.00 ft (KB) (TVD)**  
 Total Depth: **3284.00 ft (KB) (TVD)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2147.00 ft (KB)**  
**2142.00 ft (CF)**  
 KB to GR/CF: **5.00 ft**

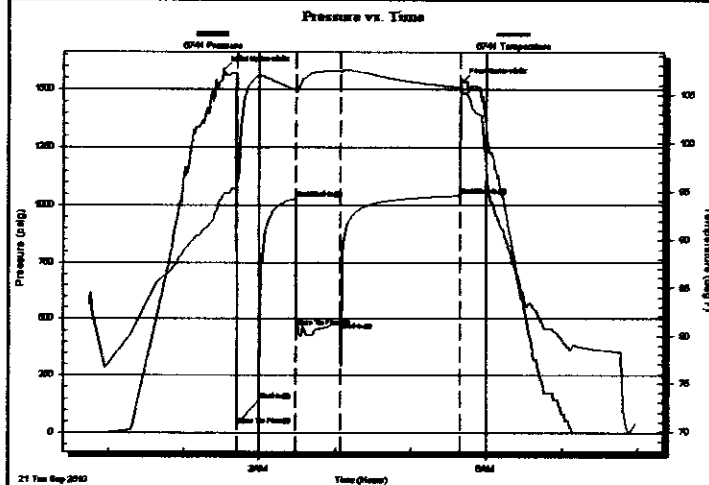
**Serial #: 6741**

**Inside**

Press@RunDepth: **487.22 psig @ 3261.00 ft (KB)**  
 Start Date: **2010.09.21** End Date: **2010.09.21**  
 Start Time: **00:45:00** End Time: **07:59:00**

Capacity: **8000.00 psig**  
 Last Calib.: **2010.09.21**  
 Time On Btrn: **2010.09.21 @ 02:31:30**  
 Time Off Btrn: **2010.09.21 @ 05:40:30**

**TEST COMMENT:** F: Strong blow, B.O.B in 5 mins.  
 FS: Bled off, No blow back over 45 mins.  
 FF: Strong blow, B.O.B in 9 mins.  
 FSI: Bled off, no blow back over 90 mins.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1584.82	94.71	Initial Hydro-static
11	34.41	94.86	Open To Flow (1)
29	140.55	106.84	Shut-In(1)
57	1027.79	105.51	End Shut-In(1)
58	465.24	105.24	Open To Flow (2)
93	487.22	107.46	Shut-In(2)
188	1040.38	105.75	End Shut-In(2)
189	1535.43	105.37	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	sampler 2000ml. salt water 50000 chlorid	0.00
434.00	mcw -20% m 80% w	6.09
124.00	w cm -40% w 80% m	1.74

## Gas Rates

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

*1710*  
*L'OHIE*