



**TRILOBITE  
TESTING, INC**

### DRILL STEM TEST REPORT

Eagle Creek  
150 N. Main st. 905  
Wichita Ks 67202  
ATTN: Gary Gensch

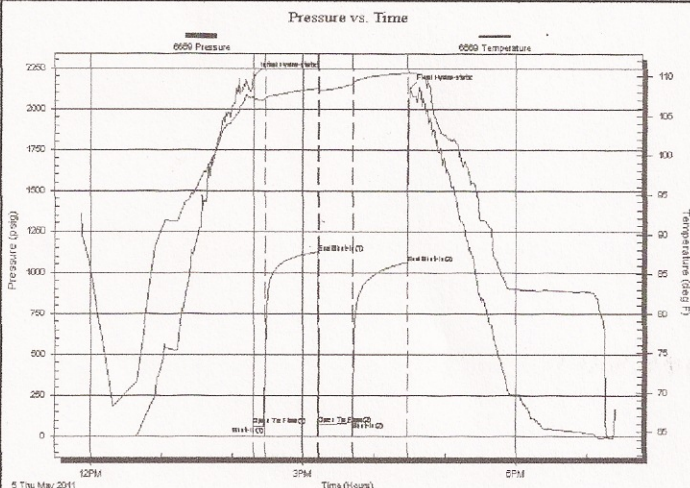
#1-28 Bontrager  
28-195-34w Scott ks  
Job Ticket: 41212      DST#: 1  
Test Start: 2011.05.05 @ 11:52:15

**GENERAL INFORMATION:**

Formation: **LKCH**  
 Deviated: **No Whipstock**      ft (KB)  
 Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: **14:18:30**  
 Tester: **Mike Roberts**  
 Time Test Ended: **19:24:30**  
 Unit No: **48**  
 Interval: **4226.00 ft (KB) To 4304.00 ft (KB) (TVD)**  
 Reference Elevations: **3105.00 ft (KB)**  
 Total Depth: **4304.00 ft (KB) (TVD)**  
**3095.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair**  
 KB to GR/CF: **10.00 ft**

**Serial #: 6669      Outside**  
 Press@RunDepth: **90.06 psig @ 4299.00 ft (KB)**  
 Capacity: **8000.00 psig**  
 Start Date: **2011.05.05**      End Date: **2011.05.05**  
 Last Calib.: **2011.05.05**  
 Start Time: **11:52:15**      End Time: **19:24:30**  
 Time On Btm: **2011.05.05 @ 14:18:15**  
 Time Off Btm: **2011.05.05 @ 16:30:00**

**TEST COMMENT:** IF: Built to 2" blow  
 IS: No return blow  
 FF: Built to 1/8" blow died in 17 min  
 FS: NO return blow



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2200.06	107.72	Initial Hydro-static
1	67.92	107.35	Open To Flow (1)
10	62.96	107.11	Shut-In(1)
55	1120.64	108.49	End Shut-In(1)
55	73.36	108.23	Open To Flow (2)
84	90.06	109.09	Shut-In(2)
131	1058.41	110.40	End Shut-In(2)
132	2125.29	110.39	Final Hydro-static

**Recovery**

Length (ft)	Description	Volume (bbl)
90.00	Mud with oil spots	1.26

**Gas Rates**

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Eagle Creek

#1-28 Bontrager

150 N. Main st. 905  
Wichita Ks 67202

28-195-34w Scott ks

Job Ticket: 041213

DST#: 2

ATTN: Gary Gensch

Test Start: 2011.09.07 @ 08:10:15

## GENERAL INFORMATION:

Formation: FT Scott-pawnee

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:23:15

Time Test Ended: 14:40:00

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4576.00 ft (KB) To 4629.00 ft (KB) (TVD)

Total Depth: 4304.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3105.00 ft (KB)

3095.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6669 Outside

Press@RunDepth: 57.94 psig @ 4624.00 ft (KB)

Start Date: 2011.09.07

End Date:

2011.09.07

Start Time: 08:10:15

End Time:

14:40:00

Capacity: 8000.00 psig

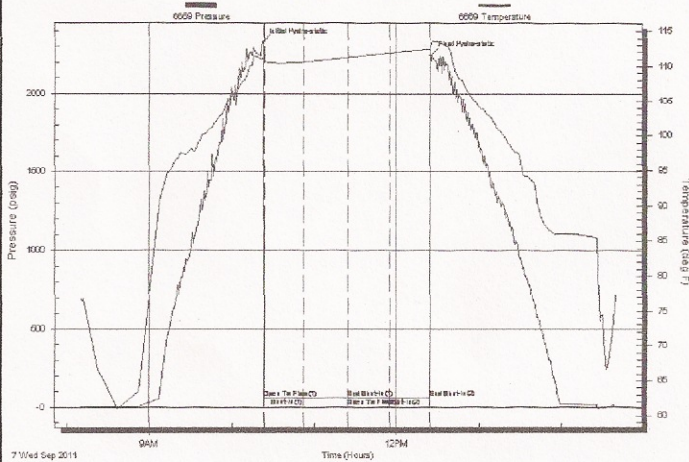
Last Calib.: 2011.09.07

Time On Btm: 2011.09.07 @ 10:23:00

Time Off Btm: 2011.09.07 @ 12:25:00

TEST COMMENT: IF:Weak surface blow Died in 15min  
IS:No return  
FF:No blow  
FS:No return

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2329.03	111.48	Initial Hydro-static
1	60.48	110.77	Open To Flow (1)
30	59.72	110.64	Shut-In(1)
62	62.09	111.29	End Shut-In(1)
62	59.57	111.30	Open To Flow (2)
92	57.94	111.93	Shut-In(2)
122	58.05	112.51	End Shut-In(2)
122	2247.07	113.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	M	0.07

## Gas Rates

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