



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Larson Engineering, Inc.  
 562 W. State Rd.4  
 Olmitz Ks 67564  
 ATTN: Steve Davis

**Splitter-Hilgenberg #1-35**  
**35-18-29 Lane Co KS**  
 Job Ticket: 38359 **DST#: 3**  
 Test Start: 2010.09.30 @ 08:52:15

## GENERAL INFORMATION:

Formation: **J**  
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**  
 Time Tool Opened: 10:56:15 Tester: **Mike Roberts**  
 Time Test Ended: 14:56:15 Unit No: **48**  
**Interval: 4245.00 ft (KB) To 4264.00 ft (KB) (TVD)** Reference Elevations: **2806.00 ft (KB)**  
 Total Depth: **4264.00 ft (KB) (TVD)** **2799.00 ft (CF)**  
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **7.00 ft**

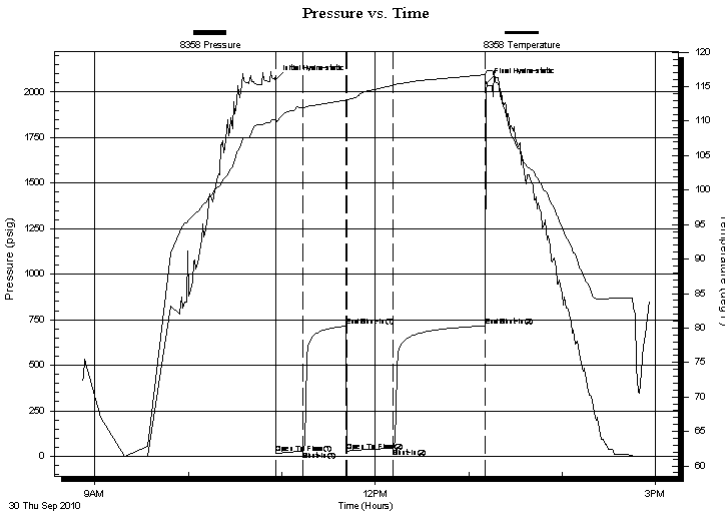
## Serial #: 8358

**Inside**

Press @ Run Depth: **44.98 psig @ 4246.00 ft (KB)** Capacity: **8000.00 psig**  
 Start Date: **2010.09.30** End Date: **2010.09.30** Last Calib.: **2010.09.30**  
 Start Time: **08:52:15** End Time: **14:56:15** Time On Btm: **2010.09.30 @ 10:56:00**  
 Time Off Btm: **2010.09.30 @ 13:11:30**

TEST COMMENT: IF: Built to 1/8" blow  
 IS: No return blow  
 FF: Weak surface blow  
 FS: No return blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2070.22	110.33	Initial Hydro-static
1	16.34	109.66	Open To Flow (1)
18	28.38	112.00	Shut-In(1)
45	715.30	113.05	End Shut-In(1)
46	29.45	112.90	Open To Flow (2)
76	44.98	115.21	Shut-In(2)
135	716.46	116.76	End Shut-In(2)
136	2051.56	117.29	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
60.00	m 100% m w ith oil spots	0.30

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



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## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	m 100% m w ith oil spots	0.295

Total Length: 60.00 ft      Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

