



**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: 38363

DST#: 7

Test Start: 2010.10.03 @ 06:52:15

GENERAL INFORMATION:

Formation: **L**
 Deviated: **No** Whipstock: **ft (KB)** Test Type: **Conventional Bottom Hole**
 Time Tool Opened: **09:22:30** Tester: **Mike Roberts**
 Time Test Ended: **13:45:00** Unit No: **48**
Interval: 4314.00 ft (KB) To 4336.00 ft (KB) (TVD) Reference Elevations: **2806.00 ft (KB)**
 Total Depth: **4336.00 ft (KB) (TVD)** **2799.00 ft (CF)**
 Hole Diameter: **7.88 inches** Hole Condition: **Fair** KB to GR/CF: **7.00 ft**

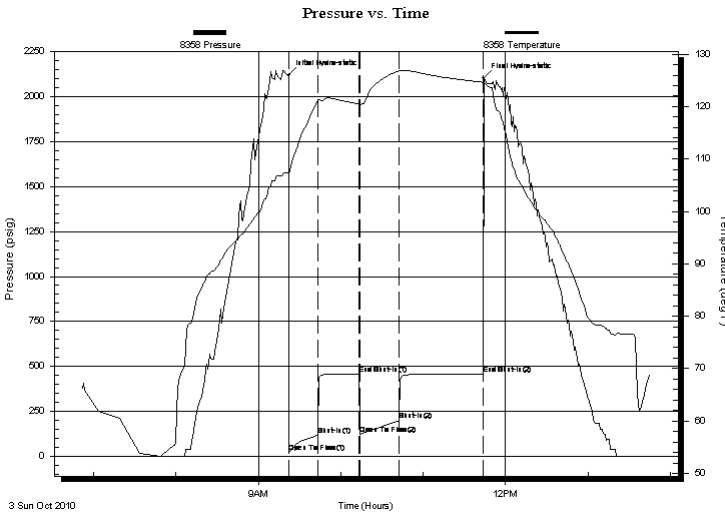
Serial #: 8358

Inside

Press @ Run Depth: **198.23 psig @ 4315.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2010.10.03** End Date: **2010.10.03** Last Calib.: **2010.10.03**
 Start Time: **06:52:15** End Time: **13:45:00** Time On Btm: **2010.10.03 @ 09:22:15**
 Time Off Btm: **2010.10.03 @ 11:44:15**

TEST COMMENT: IF: Built to 5" blow
 IS: No return blow
 FF: BOB in 24 min.
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2122.20	107.40	Initial Hydro-static
1	21.15	106.95	Open To Flow (1)
21	118.88	121.04	Shut-In(1)
52	459.00	120.47	End Shut-In(1)
52	121.72	120.30	Open To Flow (2)
81	198.23	126.79	Shut-In(2)
142	458.23	124.64	End Shut-In(2)
142	2104.38	124.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	sw with oil spots	2.19

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Larson Engineering, Inc.

Splitter-Hilgenberg #1-35

562 W. State Rd.4
Olmitz Ks 67564

35-18-29 Lane Co KS

Job Ticket: 38363

DST#: 7

ATTN: Steve Davis

Test Start: 2010.10.03 @ 06:52:15

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:

30000 ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	sw with oil spots	2.185

Total Length: 248.00 ft Total Volume: 2.185 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .218@73.6=30,000 ppm

