



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Larson Engineering

**Cramer 2-22**

562 W St. Rd 4  
Olmitz Ks, 67564

**22/17s/30w**

Job Ticket: 40214

**DST#: 3**

ATTN: Vern Schrag

Test Start: 2010.09.16 @ 06:59:00

## GENERAL INFORMATION:

Formation: **LKC 'L'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:46:30

Time Test Ended: 12:06:54

Test Type: Conventional Bottom Hole

Tester: Chuck Smith

Unit No: 37

**Interval: 4244.00 ft (KB) To 4260.00 ft (KB) (TVD)**

Reference Elevations: 2867.00 ft (KB)

Total Depth: 4260.00 ft (KB) (TVD)

2862.00 ft (CF)

Hole Diameter: 7.78 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 8357**

**Inside**

Press @ Run Depth: 16.60 psig @ 4247.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.09.16

End Date: 2010.09.16

Last Calib.: 2010.09.16

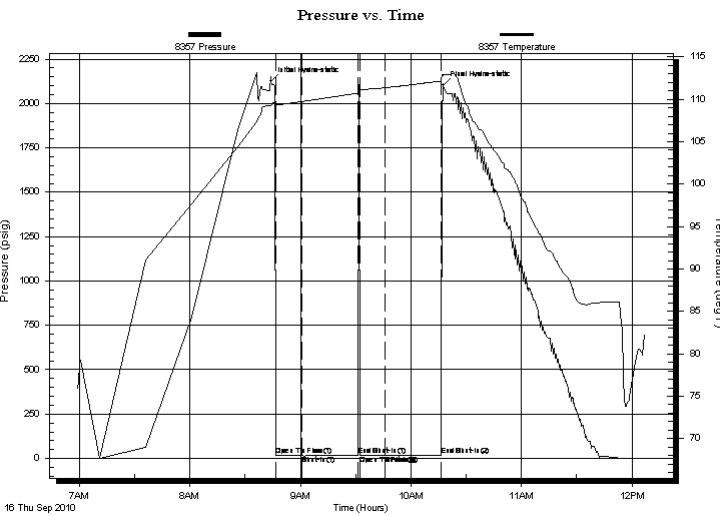
Start Time: 06:59:05

End Time: 12:06:53

Time On Btm: 2010.09.16 @ 08:44:06

Time Off Btm: 2010.09.16 @ 10:17:36

**TEST COMMENT:** IF: no blow.  
IS: no return.  
FF: no blow.  
FS: no return.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2125.74	109.29	Initial Hydro-static
3	15.30	108.70	Open To Flow (1)
17	15.64	109.75	Shut-In(1)
47	15.95	110.73	End Shut-In(1)
48	15.70	110.38	Open To Flow (2)
62	16.60	111.37	Shut-In(2)
93	17.96	112.16	End Shut-In(2)
94	2101.79	112.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud w ith spots of oil in tool. 100%M	0.00

## Gas Rates

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2900.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud with spots of oil in tool. 100%M	0.005

Total Length: 1.00 ft      Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

