



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

McElvain oil & Gas Properties Inc.

**4 11 23 Trego Ks**

1050 17th St. Ste. 2500  
Denver Co. 80265

**McCall 4-1 #1**

Job Ticket: 042938

**DST#: 1**

ATTN: Herb Denis

Test Start: 2011.12.01 @ 13:50:00

## GENERAL INFORMATION:

Formation: **LKC-A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:17:00

Time Test Ended: 19:47:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Kreuzer Jr.

Unit No: 36

**Interval: 3570.00 ft (KB) To 3596.00 ft (KB) (TVD)**

Reference Elevations: 2317.00 ft (KB)

Total Depth: 3596.00 ft (KB) (TVD)

2312.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

**Serial #: 6752 Inside**

Press @ Run Depth: 155.18 psig @ 3571.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.12.01

End Date:

2011.12.01

Last Calib.: 2011.12.01

Start Time: 13:50:05

End Time:

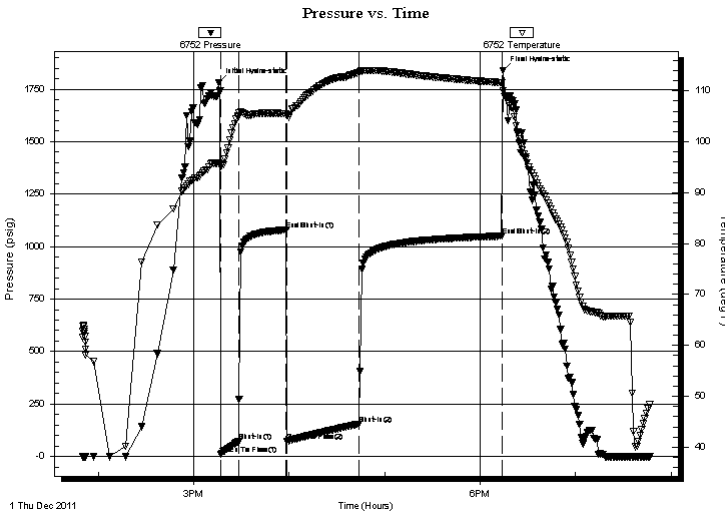
19:46:59

Time On Btm: 2011.12.01 @ 15:15:30

Time Off Btm: 2011.12.01 @ 18:14:30

**TEST COMMENT:** IF: Weak blow, Built to 4 in. over 10 mins.  
IS: No blow back over 30 mins.  
FF: Weak blow, Built to 2 in. over 45 mins.  
FS: No blow back over 90 mins.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1779.95	95.77	Initial Hydro-static
2	11.73	95.20	Open To Flow (1)
13	70.77	105.08	Shut-In(1)
43	1079.67	105.54	End Shut-In(1)
43	73.23	105.16	Open To Flow (2)
88	155.18	113.59	Shut-In(2)
178	1050.15	111.65	End Shut-In(2)
179	1839.48	110.01	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
196.00	sw -100%sw	1.62
0.00	RW-1. @40*=11000	0.00

## Gas Rates

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



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## FLUID SUMMARY

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### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 98.00 lb/gal

Cushion Length:

ft

Water Salinity:

11000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 1.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 2.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
196.00	sw -100%sw	1.620
0.00	RW-1.@40*=11000	0.000

Total Length: 196.00 ft

Total Volume: 1.620 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

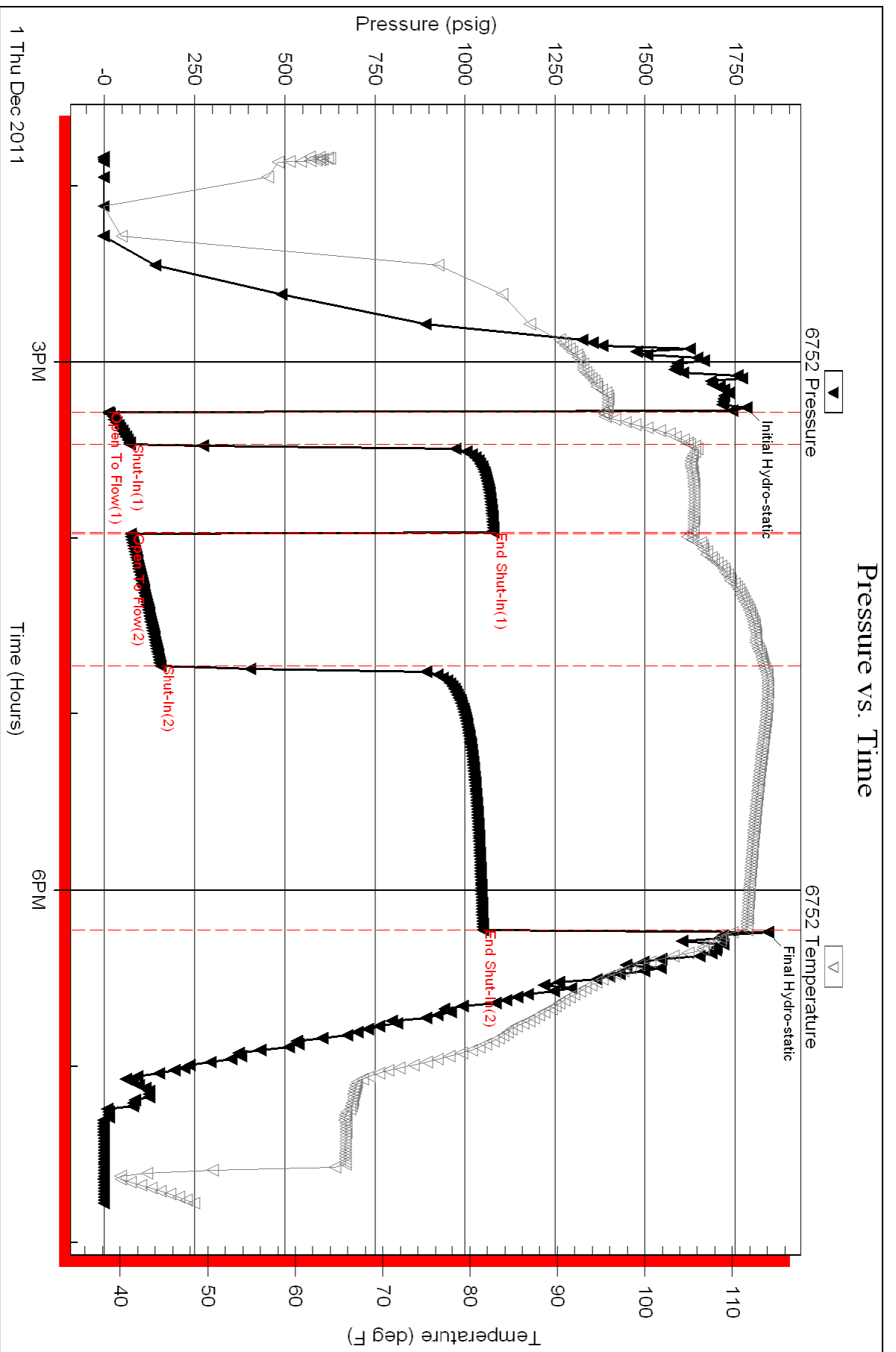
Serial #: 6752

Inside

McElvain oil & Gas Properties Inc.

McCall 4-1 #1

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 042938

Printed: 2011.12.02 @ 10:19:01