



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

**22-11s-25w, Trego KS**

1515 Wynkoop Dr. STE 800  
Denver CO, 80202

**Walt LivingTrust1-22**

Job Ticket: 54035

**DST#: 4**

ATTN: Chris Mitchell

Test Start: 2014.04.28 @ 04:52:00

## GENERAL INFORMATION:

Formation: **LKC "K-L"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:48:45

Time Test Ended: 13:56:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 73

**Interval: 4031.00 ft (KB) To 4087.00 ft (KB) (TVD)**

Reference Elevations: 2512.00 ft (KB)

Total Depth: 4087.00 ft (KB) (TVD)

2504.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8648 Inside**

Press@RunDepth: 99.96 psig @ 4068.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.28

End Date:

2014.04.28

Last Calib.:

2014.04.28

Start Time: 04:52:05

End Time:

13:56:45

Time On Btm:

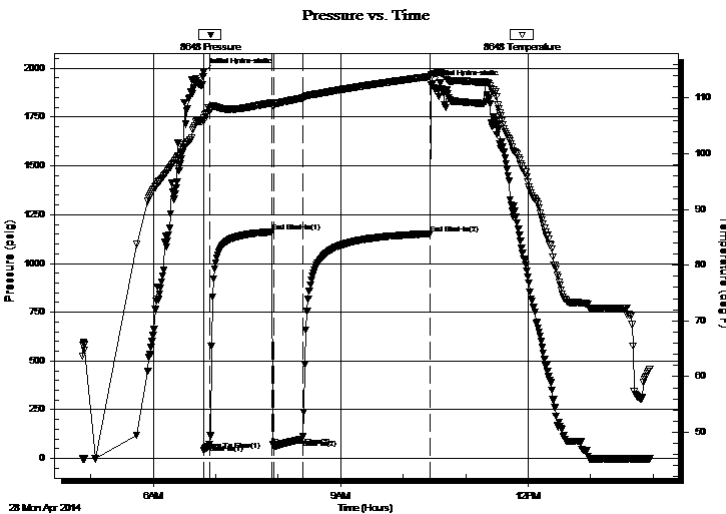
2014.04.28 @ 06:48:30

Time Off Btm:

2014.04.28 @ 10:26:45

TEST COMMENT: 05 - IF- 3" blow  
60 - IS- No return  
30 - FF- 4" blow  
120 - FS- No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1979.27	106.40	Initial Hydro-static
1	40.38	105.89	Open To Flow (1)
6	73.18	107.91	Shut-In(1)
66	1161.77	109.17	End Shut-In(1)
67	60.88	108.92	Open To Flow (2)
95	99.96	110.00	Shut-In(2)
218	1152.16	113.85	End Shut-In(2)
219	1916.21	114.24	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	MCOW, 40%M, 40%O, 20%W	1.47
20.00	GO, 5%G, 95%O	0.28
0.00	93' of G.I.P.	0.00

\* Recovery from multiple tests

## Gas Rates

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



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Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 73

Interval: **4031.00 ft (KB) To 4087.00 ft (KB) (TVD)**

Total Depth: 4087.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2512.00 ft (KB)

2504.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 8958** Fluid

Press@RunDepth: psig @ 3996.00 ft (KB)

Start Date: 2014.04.28

End Date: 2014.04.28

Capacity: 8000.00 psig

Last Calib.: 2014.04.28

Start Time: 04:52:05

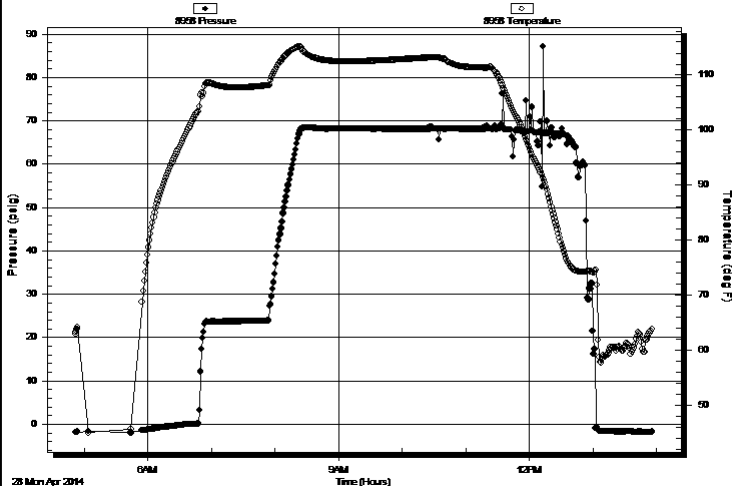
End Time: 13:56:30

Time On Btm:

Time Off Btm:

TEST COMMENT: 05 - IF- 3" blow  
60 - IS- No return  
30 - FF- 4" blow  
120 - FS- No return

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	MCOW, 40%M, 40%O, 20%W	1.47
20.00	GO, 5%G, 95%O	0.28
0.00	93' of G.I.P.	0.00

\* Recovery from multiple tests

## Gas Rates

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



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**FLUID SUMMARY**

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Job Ticket: 54035

**DST#: 4**

ATTN: Chris Mitchell

Test Start: 2014.04.28 @ 04:52:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

57000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
124.00	MCOW, 40%M, 40%O, 20%W	1.466
20.00	GO, 5%G, 95%O	0.281
0.00	93' of G.I.P.	0.000

Total Length: 144.00 ft      Total Volume: 1.747 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler: 400ML Water, 1600ML OIL, PSI: 130

Chlorides: .16 @ 60 Degrees= 57000

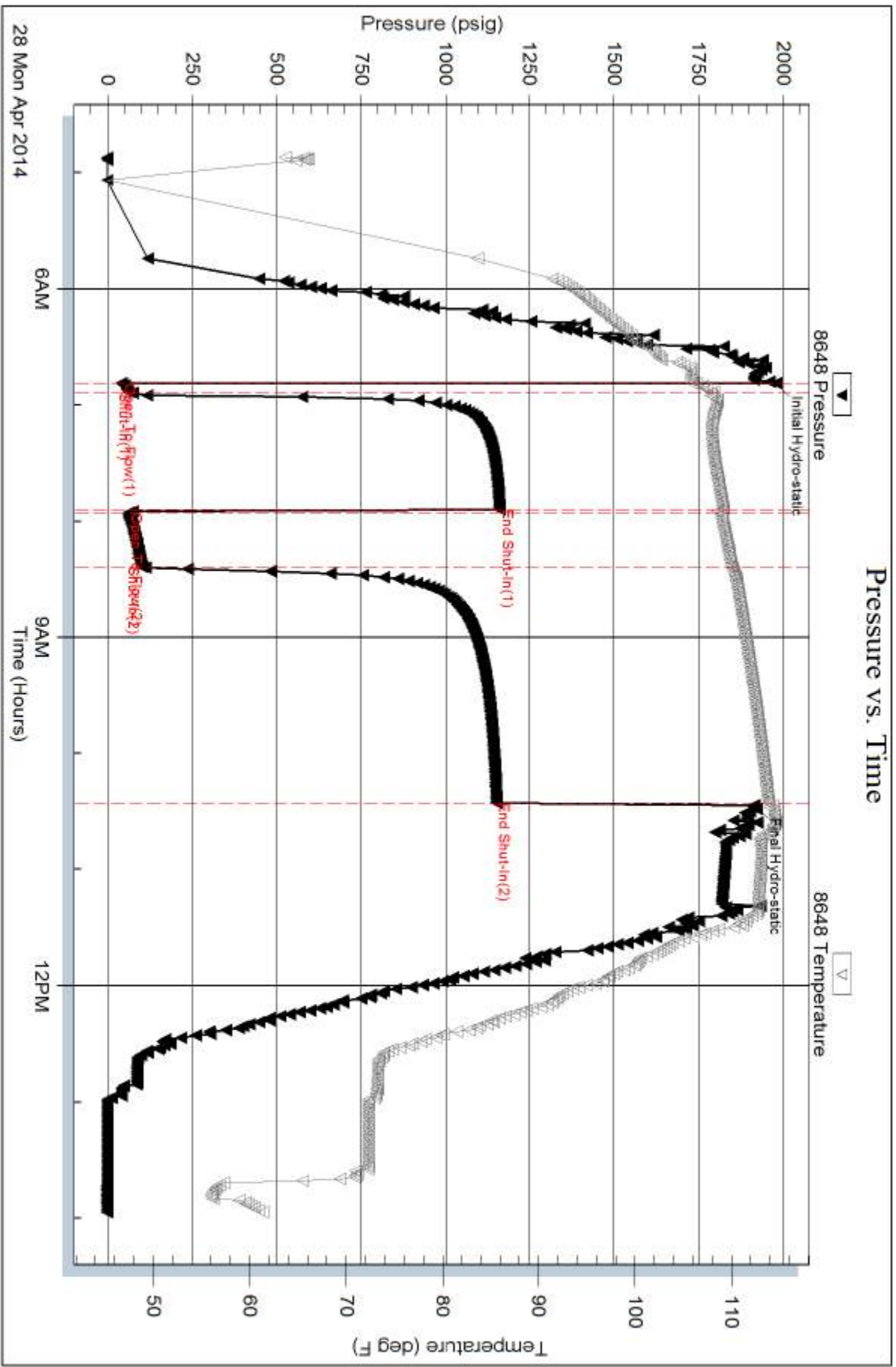
Serial #: 8648

Inside

Samuel Gary Jr. & Associates

Wall LivingTrust1-22

DST Test Number: 4



Serial #: 8958

Fluid

Samuel Gary Jr. & Associates

Well: LivingTrust1-22

DST Test Number: 4

