



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates
 1515 Wynkoop Dr. STE 800
 Denver CO, 80202
 ATTN: Chris Mitchell

22-11s-25w, Trego KS

Walt LivingTrust1-22

Job Ticket: 54033 **DST#: 2**
 Test Start: 2014.04.26 @ 06:16:00

GENERAL INFORMATION:

Formation: **LKC "A"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 08:18:30
 Time Test Ended: 14:33:30
 Interval: **3831.00 ft (KB) To 3861.00 ft (KB) (TVD)**
 Total Depth: 3881.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Straddle (Reset)
 Tester: Cody Bloedorn
 Unit No: 73
 Reference Elevations: 2512.00 ft (KB)
 2504.00 ft (CF)
 KB to GR/CF: 8.00 ft

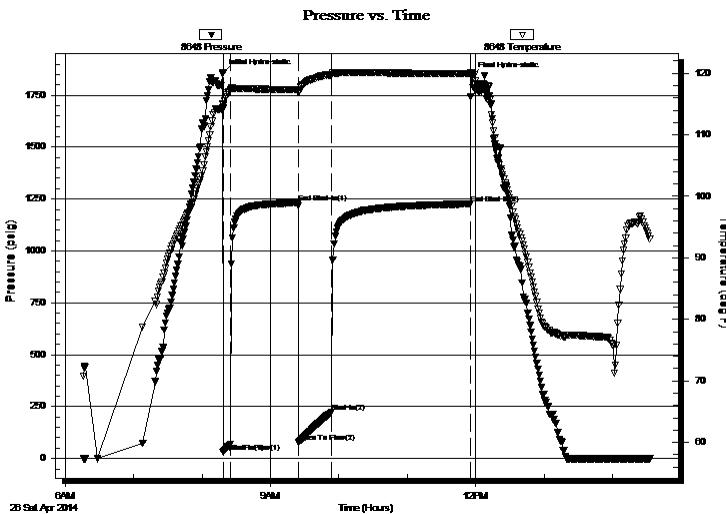
Serial #: 8648

Inside

Press @ RunDepth: 222.73 psig @ 3832.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.04.26 End Date: 2014.04.26 Last Calib.: 2014.04.26
 Start Time: 06:16:05 End Time: 14:33:29 Time On Btm: 2014.04.26 @ 08:18:15
 Time Off Btm: 2014.04.26 @ 11:56:45

TEST COMMENT: 05 - IF- 7" blow
 60 - IS- No return
 30 - FF- B.O.B. in 10 minutes
 120 - FS- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1853.00	114.97	Initial Hydro-static
1	30.38	114.33	Open To Flow (1)
7	71.48	117.29	Shut-In(1)
67	1231.76	117.34	End Shut-In(1)
67	78.00	116.86	Open To Flow (2)
96	222.73	119.74	Shut-In(2)
218	1226.40	119.91	End Shut-In(2)
219	1841.82	119.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	MW - Oil spots, 2%M, 98%W	4.08
129.00	MW- Oil spots, 50%M, 50%W	1.81

* Recovery from multiple tests

Gas Rates

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



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ATTN: Chris Mitchell

Job Ticket: 54033

DST#: 2

Test Start: 2014.04.26 @ 06:16:00

GENERAL INFORMATION:

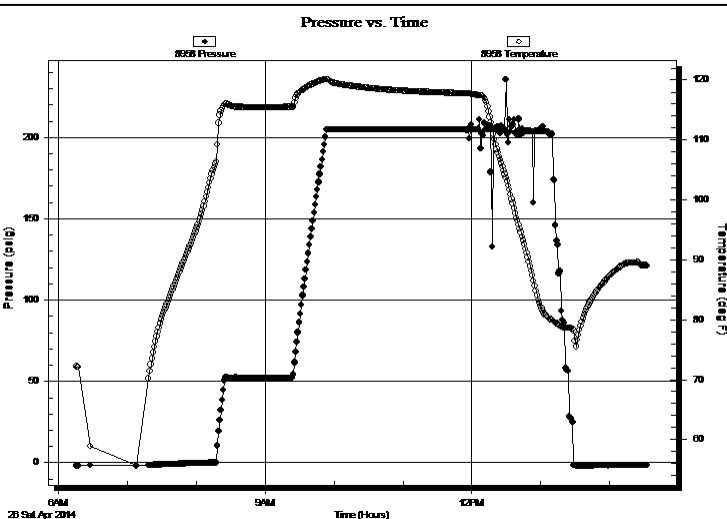
Formation: LKC "A"			
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Straddle (Reset)	
Time Tool Opened: 08:18:30		Tester: Cody Bloedorn	
Time Test Ended: 14:33:30		Unit No: 73	
Interval: 3831.00 ft (KB) To 3861.00 ft (KB) (TVD)		Reference Elevations: 2512.00 ft (KB)	
Total Depth: 3881.00 ft (KB) (TVD)		2504.00 ft (CF)	
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 8.00 ft	

Serial #: 8958

Fluid

Press@RunDepth: psig @	3796.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2014.04.26	End Date: 2014.04.26	Last Calib.: 2014.04.26
Start Time: 06:16:05	End Time: 14:32:59	Time On Btm:
		Time Off Btm:

TEST COMMENT: 05 - IF- 7" blow
60 - IS- No return
30 - FF- B.O.B. in 10 minutes
120 - FS- No return



PRESSURE SUMMARY

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

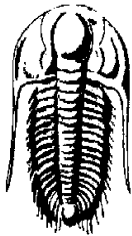
Recovery

Length (ft)	Description	Volume (bbl)
310.00	MW - Oil spots, 2%M, 98%W	4.08
129.00	MW- Oil spots, 50%M, 50%W	1.81

Gas Rates

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

* Recovery from multiple tests



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1515 Wynkoop Dr. STE 800
Denver CO, 80202

Walt LivingTrust1-22

ATTN: Chris Mitchell

Job Ticket: 54033

DST#: 2

Test Start: 2014.04.26 @ 06:16:00

GENERAL INFORMATION:

Formation: **LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:18:30

Time Test Ended: 14:33:30

Interval: 3831.00 ft (KB) To 3861.00 ft (KB) (TVD)

Total Depth: 3881.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle (Reset)

Tester: Cody Bloedorn

Unit No: 73

Reference Elevations: 2512.00 ft (KB)

2504.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8652 Below (Straddle)

Press @ Run Depth: psig @ 3880.00 ft (KB)

Start Date: 2014.04.26

End Date:

2014.04.26

Start Time: 06:16:01

End Time:

14:33:00

Capacity: 8000.00 psig

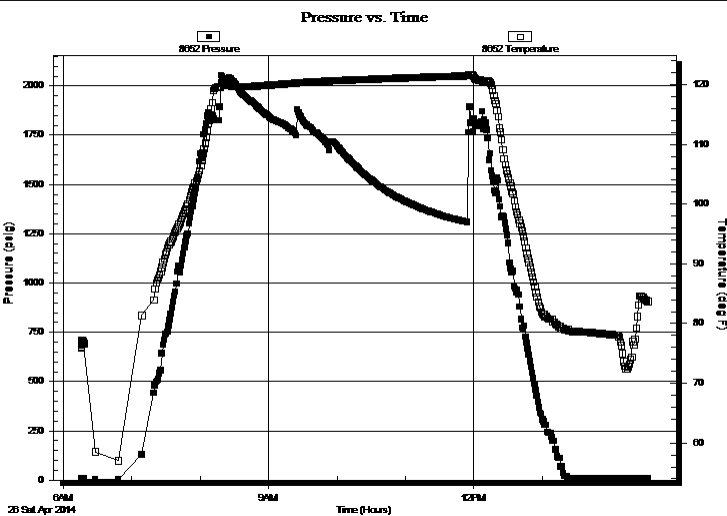
Last Calib.:

2014.04.26

Time On Btm:

Time Off Btm:

TEST COMMENT: 05 - IF- 7" blow
60 - IS- No return
30 - FF- B.O.B. in 10 minutes
120 - FS- No return



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
310.00	MW - Oil spots, 2%M, 98%W	4.08
129.00	MW- Oil spots, 50%M, 50%W	1.81

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

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Denver CO, 80202

Walt LivingTrust1-22

Job Ticket: 54033

DST#: 2

ATTN: Chris Mitchell

Test Start: 2014.04.26 @ 06:16:00

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:

33000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
310.00	MW - Oil spots, 2%M, 98%W	4.075
129.00	MW- Oil spots, 50%M, 50%W	1.810

Total Length: 439.00 ft Total Volume: 5.885 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

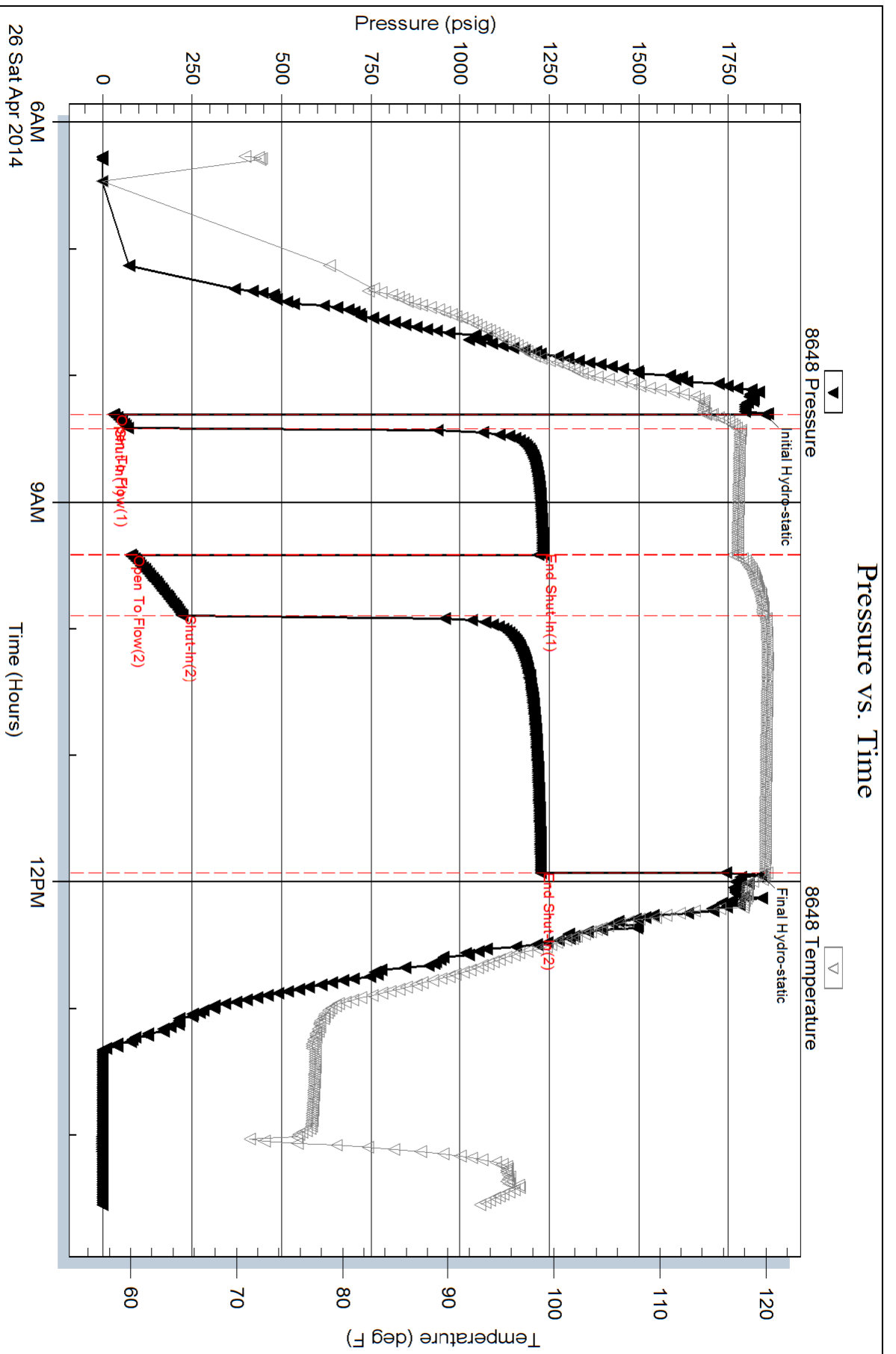
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Chlorides: .25 @ 60 Degrees = 33000

Sampler: 2000ML water, Spots of oil PSI 310



Serial #: 8958

Fluid

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Walt LivingTrust1-22

DST Test Number: 2

