



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates, Inc.

6/2s/36w Rawlins KS

1515 Wynkoop STE 700
Denver, CO 80202

Krueger Trust #1-6

ATTN: Clayton Camozzi

Job Ticket: 60060

DST#: 4

Test Start: 2014.08.21 @ 23:05:00

GENERAL INFORMATION:

Formation: **LKC "A"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:06:30
 Time Test Ended: 06:59:00
 Interval: **4250.00 ft (KB) To 4272.00 ft (KB) (TVD)**
 Total Depth: 4272.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 3321.00 ft (KB)
 3316.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8791

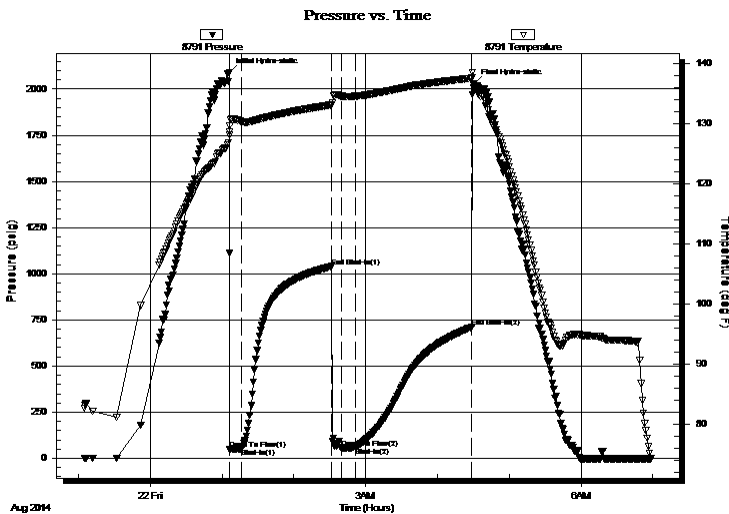
Inside

Press @ Run Depth: 58.62 psig @ 4251.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.08.21 End Date: 2014.08.22 Last Calib.: 2014.08.22
 Start Time: 23:05:05 End Time: 06:58:59 Time On Btm: 2014.08.22 @ 01:06:00
 Time Off Btm: 2014.08.22 @ 04:30:30

TEST COMMENT: 10 - IF: 2 1/4" surge blow at open, built to 3"
 75 - IS: No blow back
 20 - FF: No blow
 90 - FS: No blow back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2090.58	128.14	Initial Hydro-static
1	47.54	129.76	Open To Flow (1)
10	51.79	130.42	Shut-In(1)
86	1039.21	133.19	End Shut-In(1)
94	56.05	134.63	Open To Flow (2)
105	58.62	134.63	Shut-In(2)
203	711.52	137.63	End Shut-In(2)
205	2029.85	135.97	Final Hydro-static



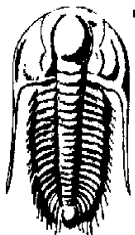
Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 88% _m , 9% _o , 3% _g	0.30
30.00	OCM 73% _m , 27% _o	0.15

Gas Rates

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

* Recovery from multiple tests



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Job Ticket: 60060 **DST#: 4**

ATTN: Clayton Camozzi

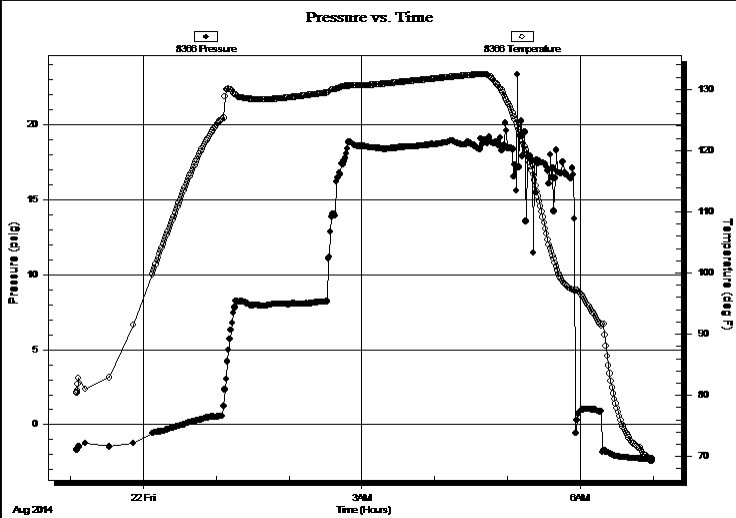
Test Start: 2014.08.21 @ 23:05:00

GENERAL INFORMATION:

Formation: LKC "A"	Test Type: Conventional Bottom Hole (Reset)
Deviated: No Whipstock: ft (KB)	Tester: James Winder
Time Tool Opened: 01:06:30	Unit No: 57
Time Test Ended: 06:59:00	Reference Elevations: 3321.00 ft (KB)
Interval: 4250.00 ft (KB) To 4272.00 ft (KB) (TVD)	3316.00 ft (CF)
Total Depth: 4272.00 ft (KB) (TVD)	KB to GR/CF: 5.00 ft
Hole Diameter: 7.88 inches	Hole Condition: Fair

Serial #: 8366 Fluid	Press @ Run Depth: psig @ 4161.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2014.08.21	End Date: 2014.08.22	Last Calib.: 2014.08.22
Start Time: 23:05:05	End Time: 06:59:29	Time On Btm:
		Time Off Btm:

TEST COMMENT:
 10 - IF: 2 1/4" surge blow at open, built to 3"
 75 - IS: No blow back
 20 - FF: No blow
 90 - FS: No blow back



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

Recovery		
Length (ft)	Description	Volume (bbl)
60.00	OCM 88% _m , 9% _o , 3% _g	0.30
30.00	OCM 73% _m , 27% _o	0.15

* Recovery from multiple tests

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates, Inc.

6/2s/36w Rawlins KS

1515 Wynkoop STE 700
Denver, CO 80202

Krueger Trust #1-6

Job Ticket: 60060

DST#: 4

ATTN: Clayton Camozzi

Test Start: 2014.08.21 @ 23:05:00

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:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	OCM 88% <i>m</i> , 9% <i>o</i> , 3% <i>g</i>	0.295
30.00	OCM 73% <i>m</i> , 27% <i>o</i>	0.148

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler = 135 psi, 2300 mL GMCO 47%*o*, 28%*m*, 25%*g*

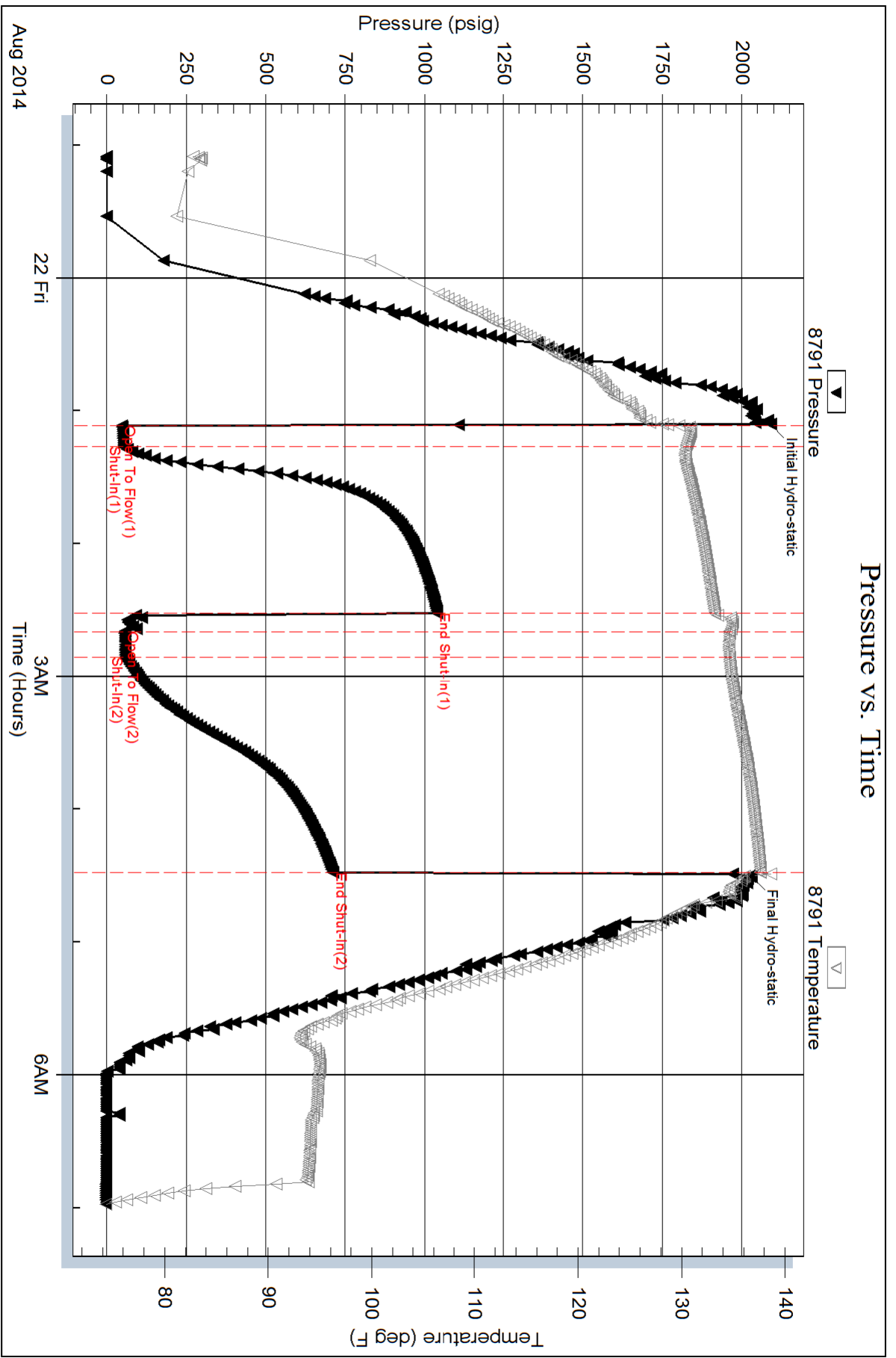
Serial #: 8791

Inside

Samuel Gary Jr & Associates, Inc.

Krueger Trust #1-6

DST Test Number: 4



Triobite Testing, Inc

Ref. No: 60060

Printed: 2014.08.22 @ 07:48:06

Serial #: 8366

Fluid

Samuel Gary Jr & Associates, Inc.

Krueger Trust #1-6

DST Test Number: 4

