



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr & Assoc Inc

1-13s-23w Trego

1515 Wynkoop Ste 700
Denver Co 80202

Max Et Al #1-1

Job Ticket: 54256

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2013.07.23 @ 01:00:29

GENERAL INFORMATION:

Formation: **LKC C-E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:56:24

Time Test Ended: 08:13:38

Test Type: Conventional Bottom Hole (Initial)

Tester: Ray Schwager

Unit No: 70

Interval: 3700.00 ft (KB) To 3744.00 ft (KB) (TVD)

Reference Elevations: 2306.00 ft (KB)

Total Depth: 3744.00 ft (KB) (TVD)

2298.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8369 Inside

Press @ Run Depth: 43.16 psig @ 3708.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.07.23

End Date:

2013.07.23

Last Calib.:

2013.07.23

Start Time: 01:00:29

End Time:

08:13:38

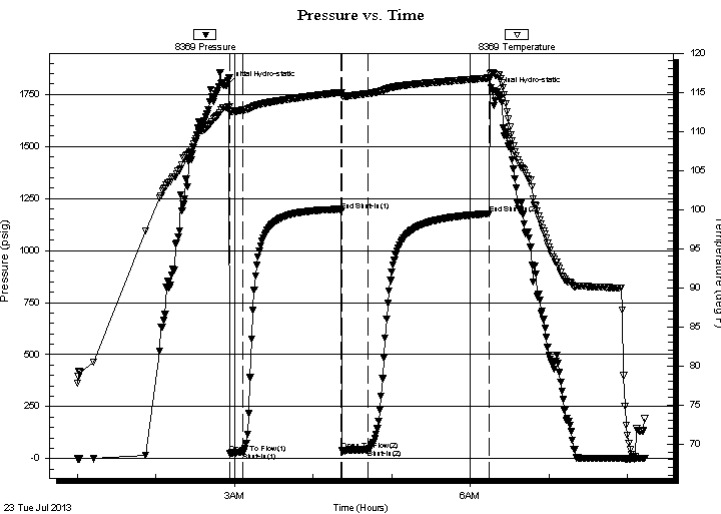
Time On Btm:

2013.07.23 @ 02:53:54

Time Off Btm:

2013.07.23 @ 06:17:23

TEST COMMENT: 10-IFP-w k bl 1/4" to 1" bl
75-ISIP-no bl
20-FFP-no bl , 1st 15 min then surface bl
90-FSIP-no bl



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1791.79	113.07	Initial Hydro-static
3	24.24	112.45	Open To Flow (1)
13	33.27	112.71	Shut-In(1)
88	1192.42	114.98	End Shut-In(1)
88	40.00	114.54	Open To Flow (2)
109	43.16	114.84	Shut-In(2)
201	1177.53	116.82	End Shut-In(2)
204	1763.40	117.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	HOCM 30% O70%M	0.22
5.00	CO	0.07

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 54256

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2013.07.23 @ 01:00:29

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

19 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.77 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	HOCM 30% O 70% M	0.218
5.00	CO	0.070

Total Length: 40.00 ft Total Volume: 0.288 bbl

Num Fluid Samples: 0

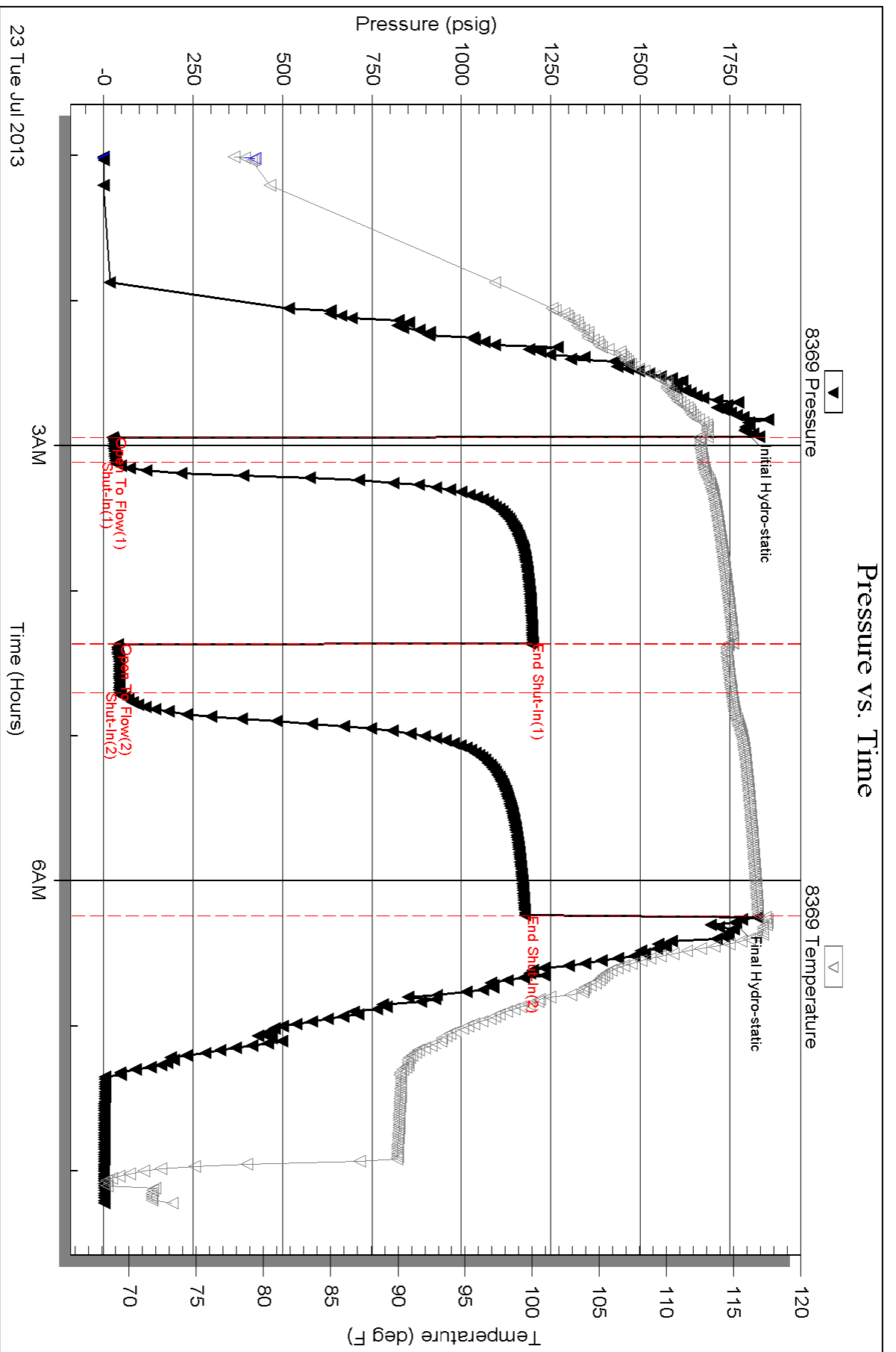
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Sampler Data : PSI 500# 900ML OIL 2100ML Mud



Serial #: 8374

Fluid

Samuel Gary Jr & Assoc Inc

Max EI #1-1

DST Test Number: 1

