



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Assoc Inc

Schiller #1-23

1515 Wynkoop, Ste 700
Denver Co 80202

23-17s-12w Barton

ATTN: Clayton Camozzi

Job Ticket: 36812

DST#: 1

Test Start: 2010.07.28 @ 01:17:40

GENERAL INFORMATION:

Formation: **LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:32:35

Time Test Ended: 06:32:04

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 47

Interval: 3070.00 ft (KB) To 3120.00 ft (KB) (TVD)

Reference Elevations: 1874.00 ft (KB)

Total Depth: 3120.00 ft (KB) (TVD)

1866.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8369 Outside

Press @ Run Depth: 21.52 psig @ 3082.02 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.07.28

End Date:

2010.07.28

Last Calib.:

2010.07.28

Start Time: 01:17:40

End Time:

06:32:04

Time On Btm:

2010.07.28 @ 02:29:35

Time Off Btm:

2010.07.28 @ 05:07:35

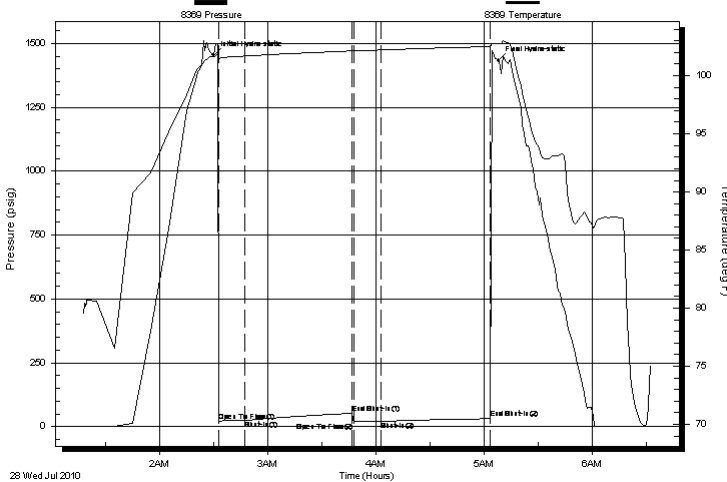
TEST COMMENT: IFP-surface bl died in 5min

FFP-no bl

Times 15-60-15-60

no bl on shut-in

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1453.36	101.64	Initial Hydro-static
3	22.09	101.49	Open To Flow (1)
18	24.62	101.69	Shut-In(1)
77	52.11	102.13	End Shut-In(1)
78	18.01	102.13	Open To Flow (2)
93	21.52	102.21	Shut-In(2)
154	31.43	102.52	End Shut-In(2)
158	1432.61	102.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/show of oil	0.07

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: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w/show of oil	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

