



## DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr. Associates, Inc**

1515 Wynkoop Ste 700  
Denver CO 80202

ATTN: Clayton Camozzi

**20-12-16, Ellis, Ks**

**Chrisler ET AL 1-20**

Start Date: 2011.08.12 @ 12:55:55

End Date: 2011.08.12 @ 17:16:25

Job Ticket #: 44286                      DST #: 1

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr. Associates, Inc

**Chrisler ET AL 1-20**

1515 Wynkoop Ste 700  
Denver CO 80202

**20-12-16, Ellis, Ks**

ATTN: Clayton Camozzi

Job Ticket: 44286

**DST#: 1**

Test Start: 2011.08.12 @ 12:55:55

## GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:33:25

Time Test Ended: 17:16:25

Test Type: Conventional Straddle

Tester: Brett Dickinson

Unit No: 47

**Interval: 2920.00 ft (KB) To 2954.00 ft (KB) (TVD)**

Reference Elevations: 1992.00 ft (KB)

Total Depth: 3019.00 ft (KB) (TVD)

1984.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

**Serial #: 6753 Outside**

Press @ Run Depth: psig @ 2921.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.08.12 End Date: 2011.08.12

Last Calib.: 2011.08.12

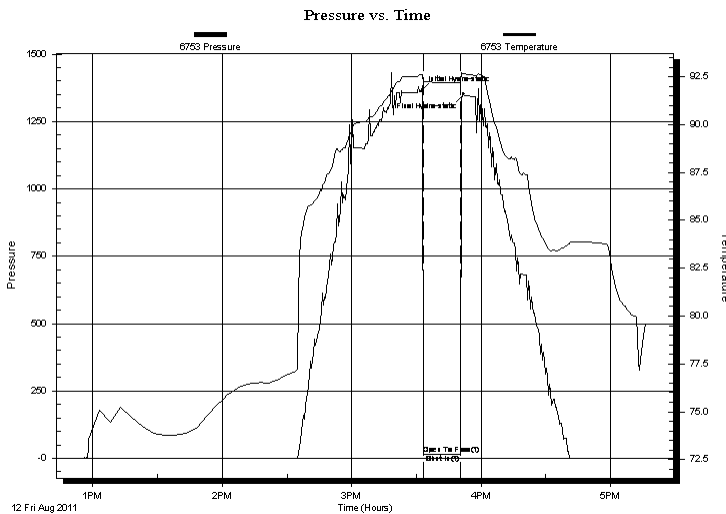
Start Time: 12:56:00 End Time: 17:16:24

Time On Btm: 2011.08.12 @ 15:32:25

Time Off Btm: 2011.08.12 @ 15:51:55

**TEST COMMENT:** Did not get to bottom  
25ft off bottom

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1364.56	92.60	Initial Hydro-static
1	13.87	92.22	Open To Flow (1)
18	13.73	92.18	Shut-In(1)
20	1350.19	92.67	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	Mud	0.00

## Gas Rates

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









**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Samuel Gary Jr. Associates, Inc

**Chrisler ET AL 1-20**

1515 Wynkoop Ste 700  
Denver CO 80202

**20-12-16, Ellis, Ks**

Job Ticket: 44286

**DST#: 1**

ATTN: Clayton Camozzi

Test Start: 2011.08.12 @ 12:55:55

## Tool Information

Drill Pipe:	Length: 2857.00 ft	Diameter: 3.80 inches	Volume: 40.08 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 2.70 inches	Volume: - bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: - bbl</u>	Tool Chased ft
Drill Pipe Above KB:	2.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	2920.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	2954.00 ft			
Interval between Packers:	34.00 ft			
Tool Length:	138.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			2886.00	
Drill Pipe	5.00			2891.00	
Recorder	0.00	8650	Fluid	2891.00	
Shut In Tool	5.00			2896.00	
Sampler	3.00			2899.00	
Hydraulic tool	5.00			2904.00	
Jars	5.00			2909.00	
Safety Joint	2.00			2911.00	
Packer	4.00			2915.00	35.00 Bottom Of Top Packer
Packer	5.00			2920.00	
Stubb	1.00			2921.00	
Recorder	0.00	8319	Inside	2921.00	
Recorder	0.00	6753	Outside	2921.00	
Perforations	29.00			2950.00	
Blank Off Sub	4.00			2954.00	34.00 Tool Interval
Packer	4.00			2958.00	
Stubb	1.00			2959.00	
Recorder	0.00	8369	Below	2959.00	
Perforations	1.00			2960.00	
Change Over Sub	1.00			2961.00	
Blank Spacing	62.00			3023.00	69.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>138.00</b>				



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Samuel Gary Jr. Associates, Inc

**Chrisler ET AL 1-20**

1515 Wynkoop Ste 700  
Denver CO 80202

**20-12-16, Ellis, Ks**

Job Ticket: 44286

**DST#: 1**

ATTN: Clayton Camozzi

Test Start: 2011.08.12 @ 12:55:55

## 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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Mud	0.005

Total Length: 1.00 ft      Total Volume: 0.005 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

