

DRILL STEM TEST REPORT

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

1515 Wynkoop Ste 700
Denver, CO 80202

ATTN: Chris Mitchell

Truan #1-12

12-15s-16w Ellis, KS

Start Date: 2013.09.09 @ 00:00:00

End Date:

Job Ticket #: 54435

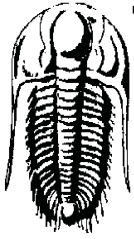
DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2013.09.13 @ 11:46:00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr. & Associates, Inc

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Denver, CO 80202

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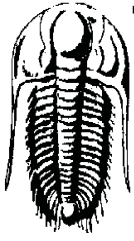
Tool Information

Drill Pipe:	Length: 3158.00 ft	Diameter: 3.75 inches	Volume: 43.14 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.75 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 43.14 bbl</u>	Tool Chased 15.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3170.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	59.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	5.00			3141.00	
Shut In Tool	5.00			3146.00	
Sampler	2.00			3148.00	
Hydraulic tool	5.00			3153.00	
Jars	5.00			3158.00	
Safety Joint	2.00			3160.00	
Packer	5.00			3165.00	34.00 Bottom Of Top Packer
Packer	5.00			3170.00	
Stubb	1.00			3171.00	
Recorder	0.00	6799	Inside	3171.00	
Recorder	0.00	8648	Inside	3171.00	
Perforations	22.00			3193.00	
Change Over Sub	1.00			3194.00	
Drill Pipe	31.00			3225.00	
Change Over Sub	1.00			3226.00	
Bullnose	3.00			3229.00	59.00 Bottom Packers & Anchor
Total Tool Length:	93.00				



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Truan #1-12

Job Ticket: 54435

DST#: 1

ATTN: Chris Mitchell

Test Start: 2013.09.09 @ 00:00:00

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: 64.00 sec/qt

Cushion Volume: bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 4300.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

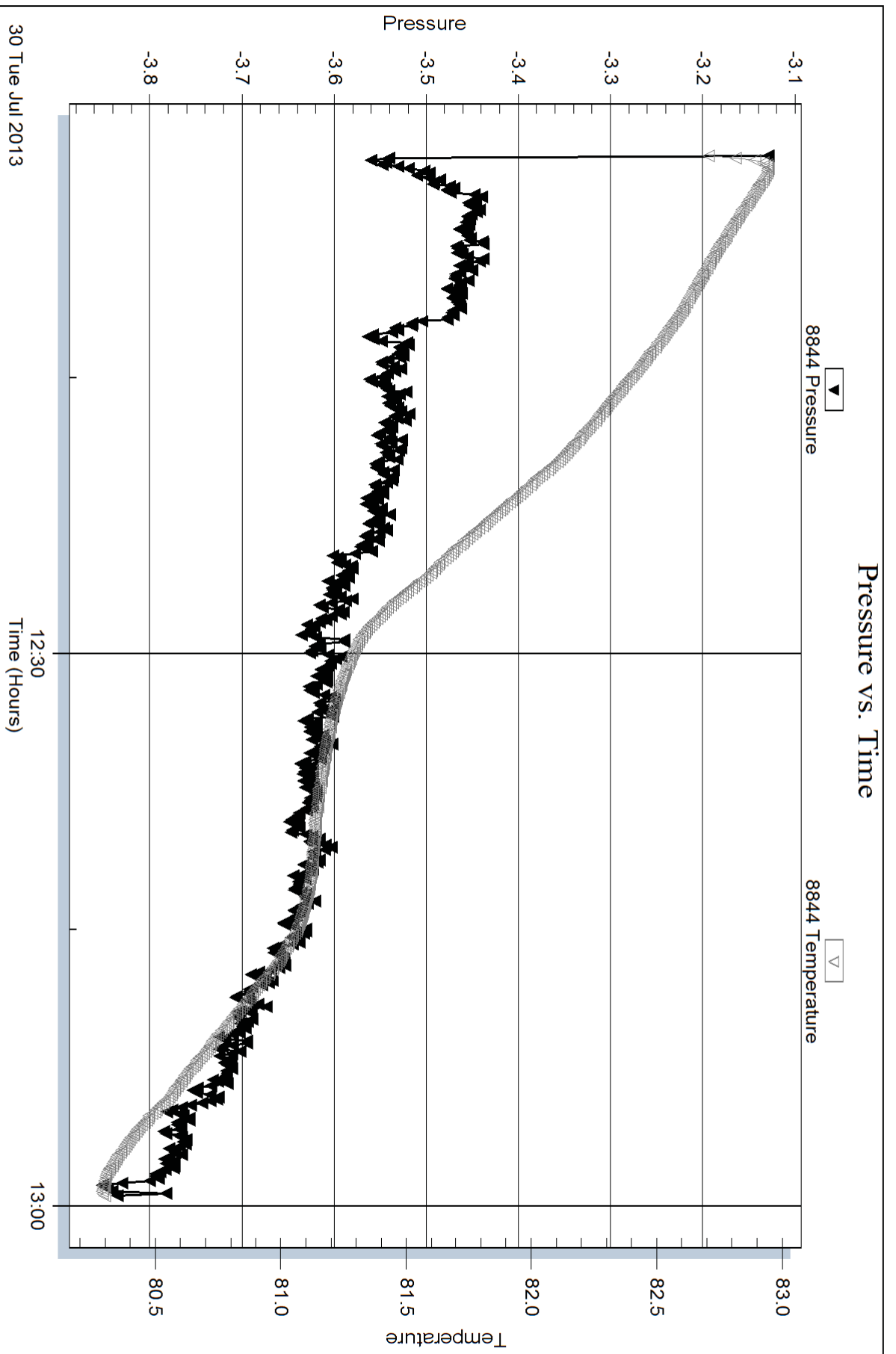
Length ft	Description	Volume bbl
	no recorders attached	

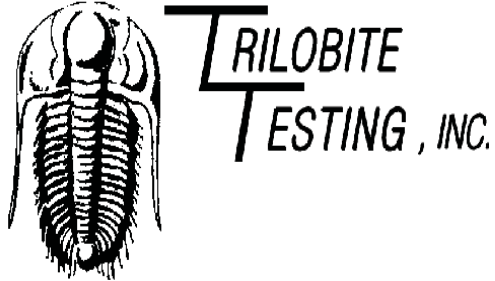
Total Length: ft Total Volume: bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





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Start Date: 2013.09.09 @ 00:00:00

End Date:

Job Ticket #: 54436

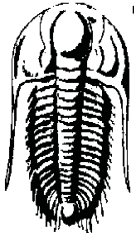
DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

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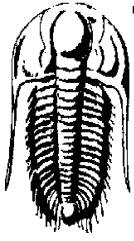
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