



DRILL STEM TEST REPORT

Prepared For: **Thomas Garner inc**

305 E 7th
St John, KS 67576

ATTN: Josh Austin

Garner #7

15-25S-13W Stafford,KS

Start Date: 2017.08.28 @ 15:21:56

End Date: 2017.08.29 @ 01:43:41

Job Ticket #: 63620 DST #: 1

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

Printed: 2017.08.31 @ 08:33:49



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Thomas Garner inc
 305 E 7th
 St John, KS 67576
 ATTN: Josh Austin

15-25S-13W Stafford,KS

Garner #7

Job Ticket: 63620

DST#: 1

Test Start: 2017.08.28 @ 15:21:56

GENERAL INFORMATION:

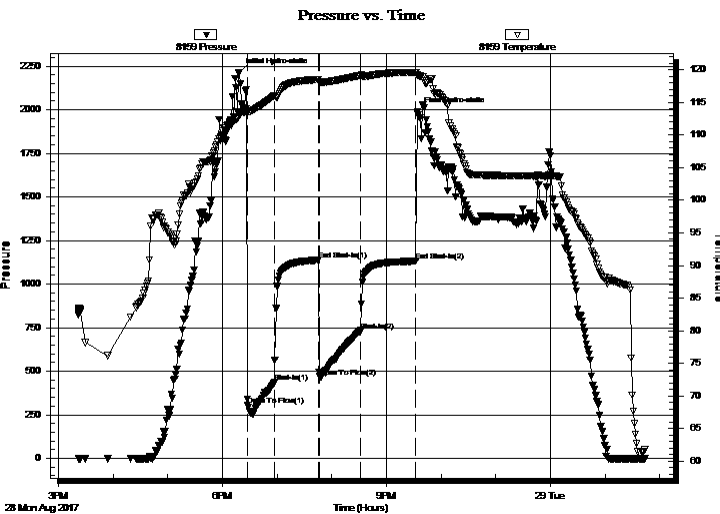
Formation: **Viola**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 18:27:41
 Time Test Ended: 01:43:41
 Interval: **4085.00 ft (KB) To 4133.00 ft (KB) (TVD)**
 Total Depth: 4133.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 1938.00 ft (KB)
 1927.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8159

Inside

Press@RunDepth: 733.01 psig @ 4086.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.08.28 End Date: 2017.08.29 Last Calib.: 2017.08.29
 Start Time: 15:21:57 End Time: 01:43:41 Time On Btm: 2017.08.28 @ 18:18:41
 Time Off Btm: 2017.08.28 @ 21:34:11

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, GTS in 10 minutes, Gauged, & Caught Sample
 IS: 1" Blow Back
 FF: Strong Blow , GTS immediate, BOB in 1 minute, Gauged Gas
 FS: Would Not Bleed Off



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.64	112.93	Initial Hydro-static
9	303.39	113.52	Open To Flow (1)
39	434.76	116.03	Shut-In(1)
87	1137.43	118.48	End Shut-In(1)
88	468.73	118.10	Open To Flow (2)
133	733.01	119.12	Shut-In(2)
194	1131.15	119.58	End Shut-In(2)
196	1989.90	119.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	480 GIP	0.00
60.00	GOCM 20%G 30%O 50%M	0.30
3531.00	GSY Oil 40%G 60%O	48.12

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	22.00	57.74
Last Gas Rate	0.25	10.00	38.71
Max. Gas Rate	0.25	28.00	67.26



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63620

DST#: 1

ATTN: Josh Austin

Test Start: 2017.08.28 @ 15:21:56

Tool Information

Drill Pipe:	Length: 3856.00 ft	Diameter: 3.80 inches	Volume: 54.09 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 55.15 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 66000.00 lb
Depth to Top Packer:	4085.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	74.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Dropped Bar, Reversed Out

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4064.00	
Hydraulic tool	5.00			4069.00	
Jars	5.00			4074.00	
Safety Joint	2.00			4076.00	
Packer	5.00			4081.00	26.00 Bottom Of Top Packer
Packer	4.00			4085.00	
Stubb	1.00			4086.00	
Recorder	0.00	8159	Inside	4086.00	
Recorder	0.00	6806	Outside	4086.00	
Perforations	5.00			4091.00	
Change Over Sub	1.00			4092.00	
Drill Pipe	32.00			4124.00	
Change Over Sub	1.00			4125.00	
Perforations	5.00			4130.00	
Bullnose	3.00			4133.00	48.00 Bottom Packers & Anchor

Total Tool Length: 74.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63620

DST#: 1

ATTN: Josh Austin

Test Start: 2017.08.28 @ 15:21:56

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	480 GIP	0.000
60.00	GOCM 20%G 30%O 50%M	0.295
3531.00	GSY Oil 40%G 60%O	48.119

Total Length: 3591.00 ft Total Volume: 48.414 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 40.8 @ 78 degrees



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63620

DST#: 1

ATTN: Josh Austin

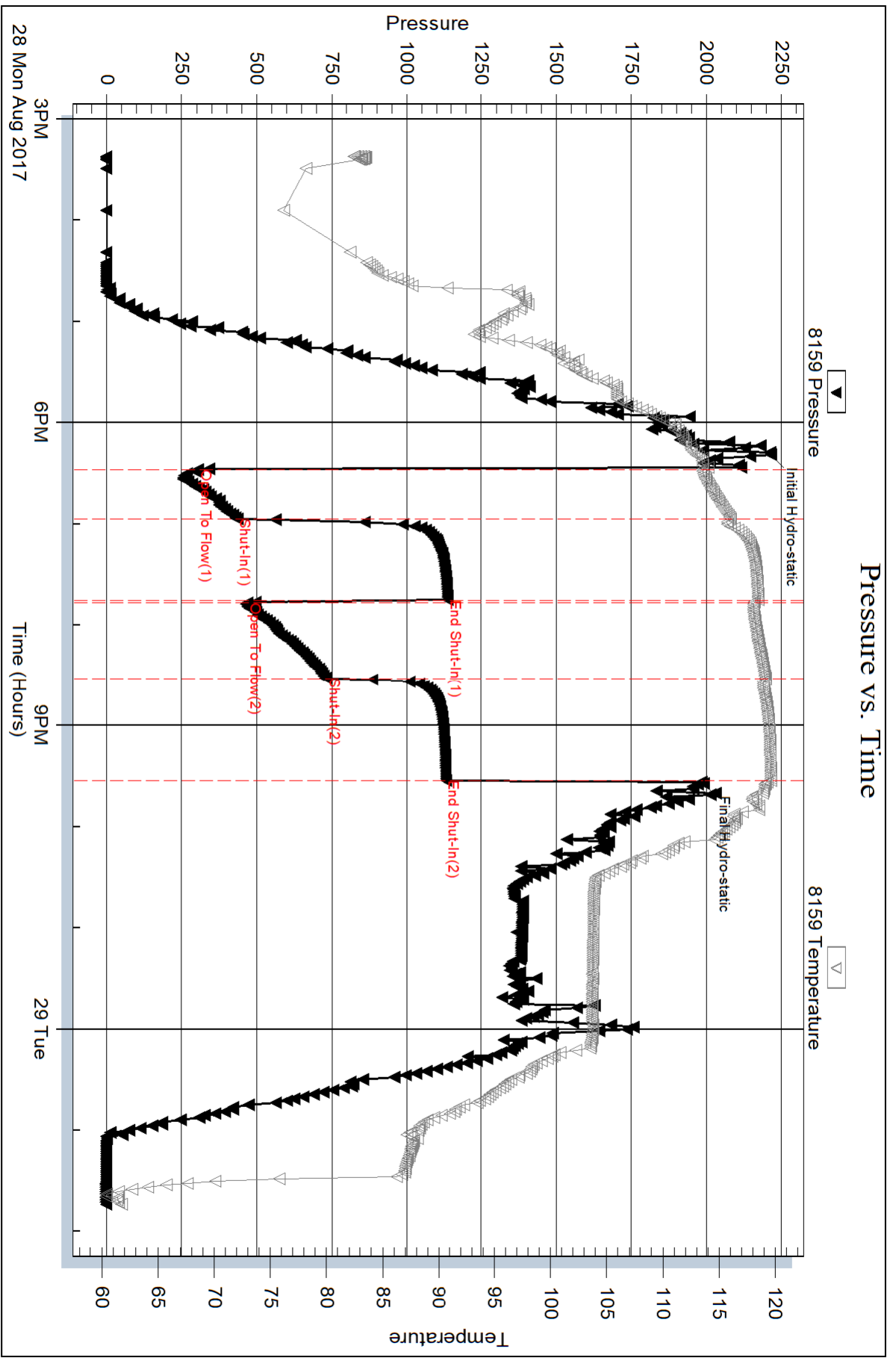
Test Start: 2017.08.28 @ 15:21:56

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	15	0.25	22.00	57.74
1	20	0.25	25.00	62.50
1	30	0.25	28.00	67.26
2	20	0.25	4.00	29.19
2	30	0.25	12.00	41.88
2	40	0.25	10.00	38.71

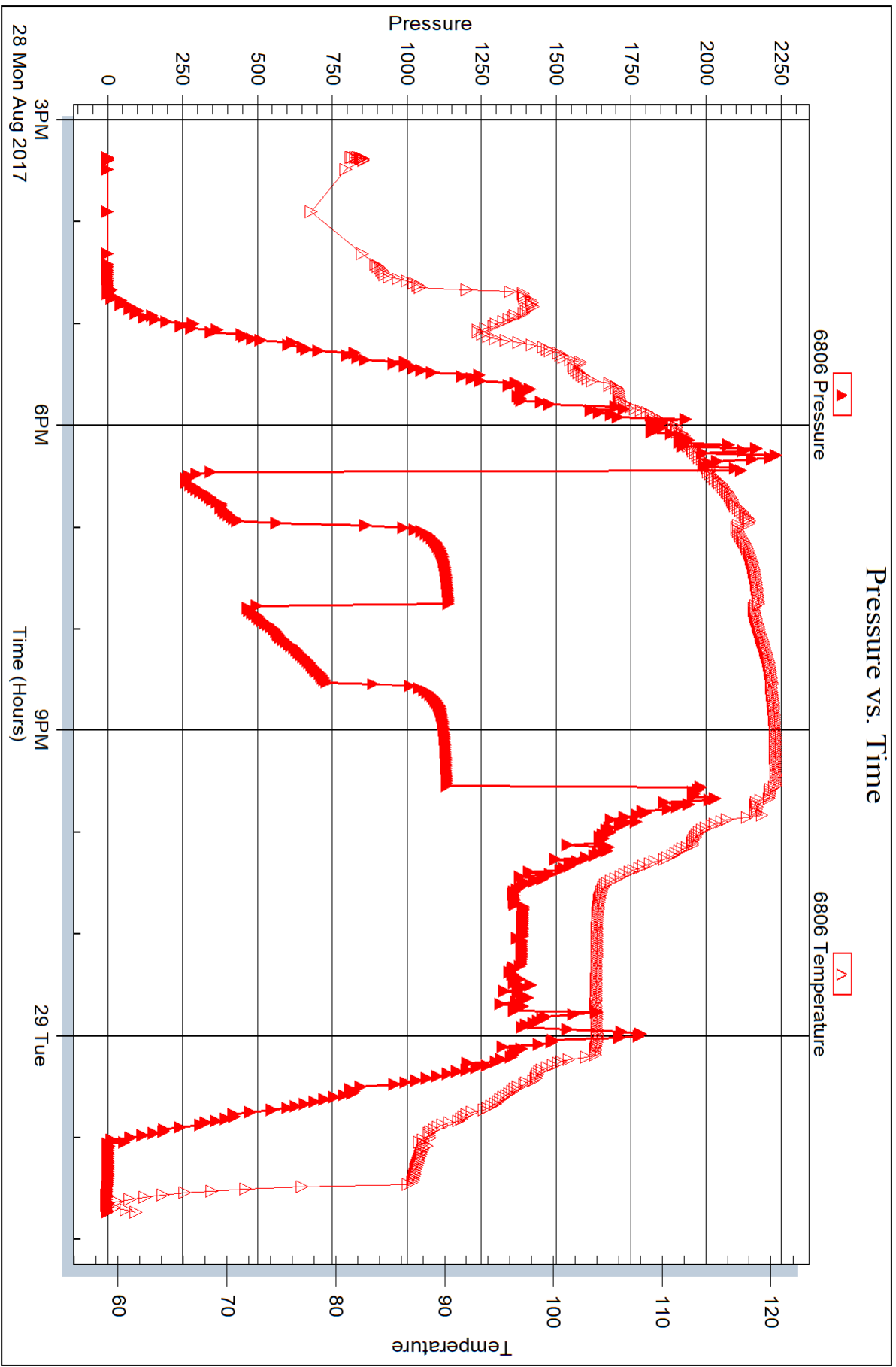


Serial #: 6806

Outside Thomas Garner inc

Garner #7

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 63620

Printed: 2017.08.31 @ 08:33:51



DRILL STEM TEST REPORT

Prepared For: **Thomas Garner inc**

305 E 7th
St John, KS 67576

ATTN: Josh Austin

Garner #7

15-25S-13W Stafford,KS

Start Date: 2017.08.29 @ 15:24:53

End Date: 2017.08.29 @ 21:29:38

Job Ticket #: 63621 DST #: 2

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

Printed: 2017.08.31 @ 08:31:38



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Thomas Garner inc
 305 E 7th
 St John, KS 67576
 ATTN: Josh Austin

15-25S-13W Stafford,KS

Garner #7

Job Ticket: 63621

DST#: 2

Test Start: 2017.08.29 @ 15:24:53

GENERAL INFORMATION:

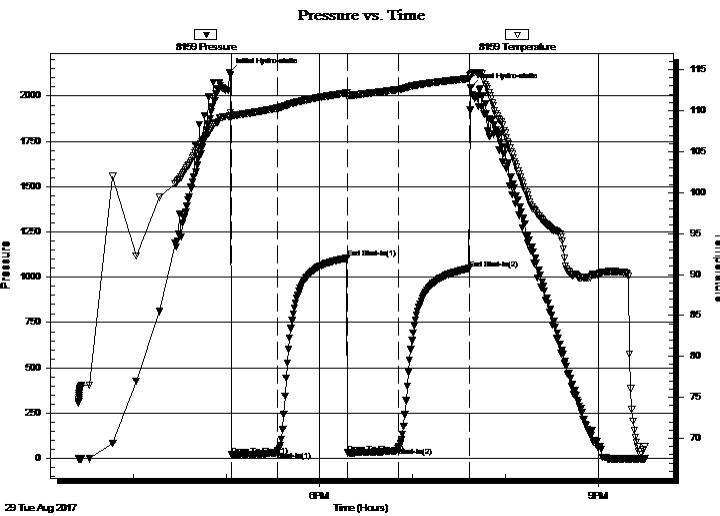
Formation: **Simpson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:03:23
 Time Test Ended: 21:29:38
 Interval: **4182.00 ft (KB) To 4225.00 ft (KB) (TVD)**
 Total Depth: 4225.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 1938.00 ft (KB)
 1927.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8159

Inside

Press@RunDepth: 62.72 psig @ 4183.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.08.29 End Date: 2017.08.29 Last Calib.: 2017.08.29
 Start Time: 15:24:54 End Time: 21:29:38 Time On Btm: 2017.08.29 @ 17:01:53
 Time Off Btm: 2017.08.29 @ 19:37:38

TEST COMMENT: IF: Weak Blow , Built to 1"
 IS: No Blow Back
 FF: Weak Surface Blow
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2130.69	109.35	Initial Hydro-static
2	19.52	109.25	Open To Flow (1)
31	37.40	110.30	Shut-In(1)
76	1105.70	112.15	End Shut-In(1)
77	30.36	111.65	Open To Flow (2)
110	62.72	112.58	Shut-In(2)
155	1048.83	113.91	End Shut-In(2)
156	2046.31	114.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	VSOCM 2%O 98%M	0.05

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63621

DST#: 2

ATTN: Josh Austin

Test Start: 2017.08.29 @ 15:24:53

Tool Information

Drill Pipe:	Length: 3950.00 ft	Diameter: 3.80 inches	Volume: 55.41 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 56.47 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4182.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	43.00 ft				
Tool Length:	69.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4161.00	
Hydraulic tool	5.00			4166.00	
Jars	5.00			4171.00	
Safety Joint	2.00			4173.00	
Packer	5.00			4178.00	26.00 Bottom Of Top Packer
Packer	4.00			4182.00	
Stubb	1.00			4183.00	
Recorder	0.00	8159	Inside	4183.00	
Recorder	0.00	6806	Outside	4183.00	
Perforations	5.00			4188.00	
Change Over Sub	1.00			4189.00	
Drill Pipe	32.00			4221.00	
Change Over Sub	1.00			4222.00	
Bullnose	3.00			4225.00	43.00 Bottom Packers & Anchor

Total Tool Length: 69.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63621

DST#: 2

ATTN: Josh Austin

Test Start: 2017.08.29 @ 15:24:53

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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	VSOCM 2%O 98%M	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

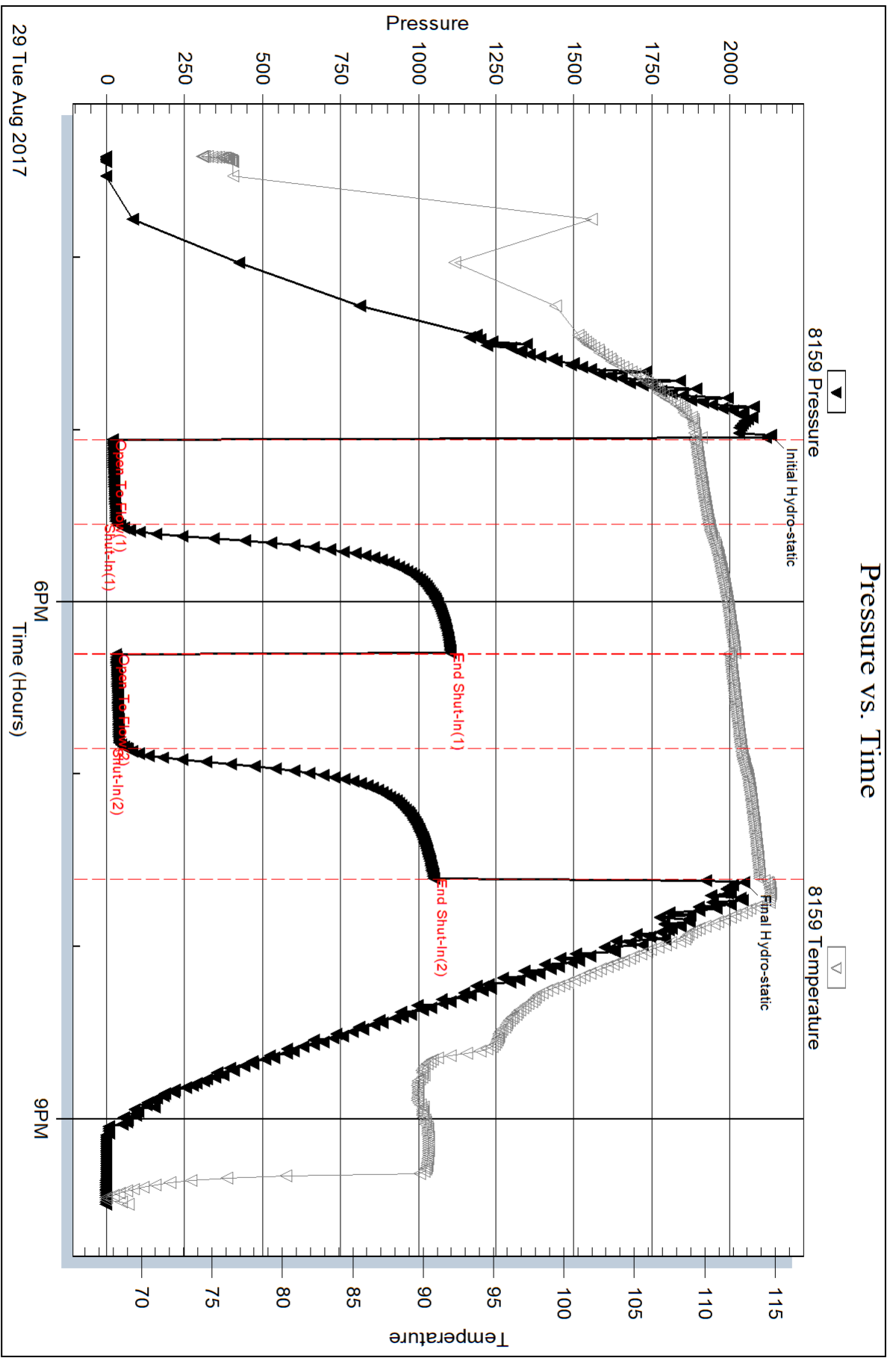
Num Gas Bombs: 0

Serial #:

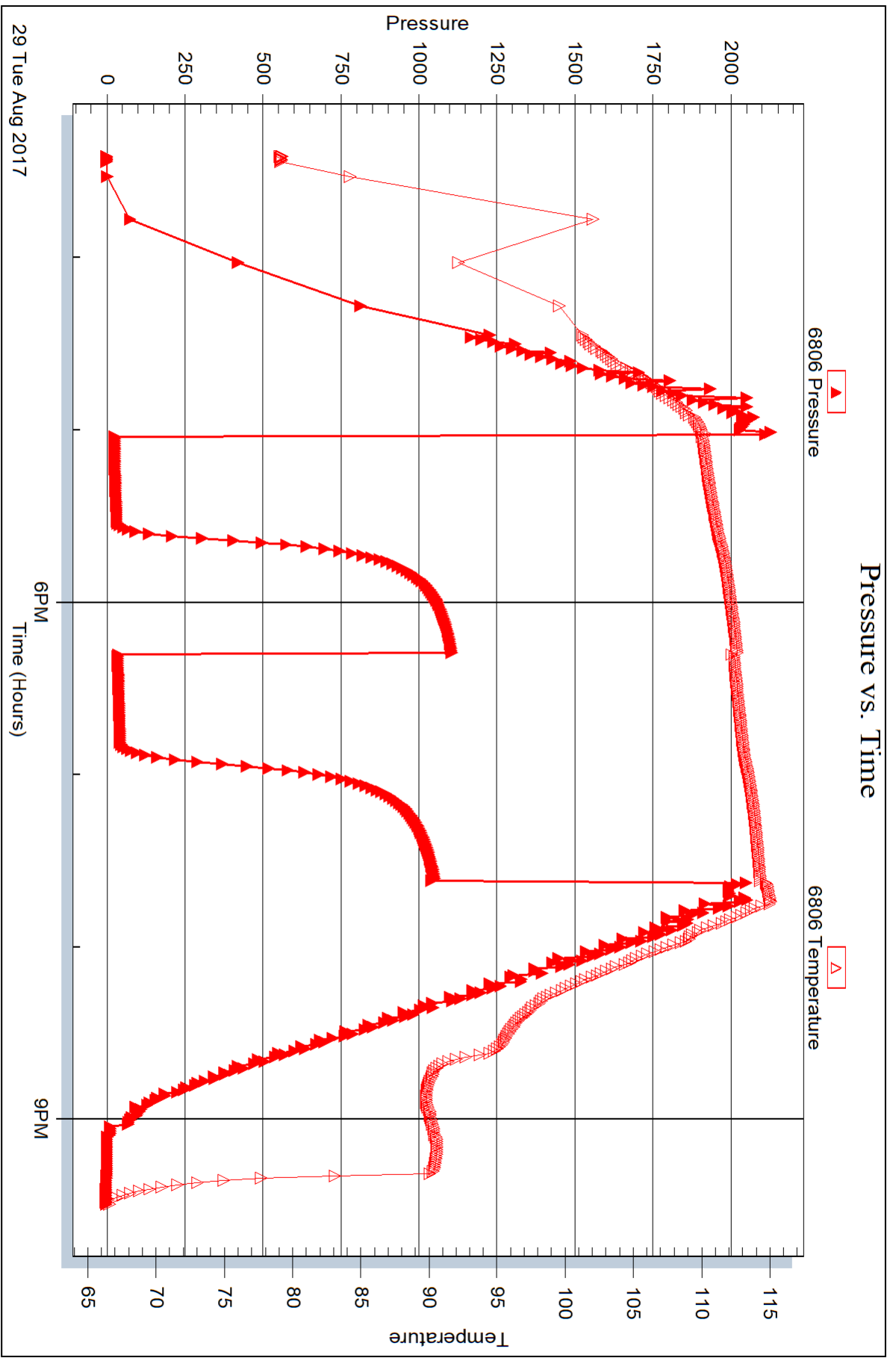
Laboratory Name:

Laboratory Location:

Recovery Comments:



29 Tue Aug 2017



29 Tue Aug 2017



DRILL STEM TEST REPORT

Prepared For: **Thomas Garner inc**

305 E 7th
St John, KS 67576

ATTN: Josh Austin

Garner #7

15-25S-13W Stafford,KS

Start Date: 2017.08.30 @ 06:59:18

End Date: 2017.08.30 @ 14:12:18

Job Ticket #: 63622 DST #: 3

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

Printed: 2017.08.31 @ 08:31:10



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Thomas Garner inc
305 E 7th
St John, KS 67576
ATTN: Josh Austin

15-25S-13W Stafford,KS

Garner #7

Job Ticket: 63622

DST#: 3

Test Start: 2017.08.30 @ 06:59:18

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 09:00:03
 Tester: Leal Cason
 Time Test Ended: 14:12:18
 Unit No: 74
 Interval: **4278.00 ft (KB) To 4284.00 ft (KB) (TVD)**
 Reference Elevations: 1938.00 ft (KB)
 Total Depth: 4284.00 ft (KB) (TVD)
 1927.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 11.00 ft

Serial #: 8159

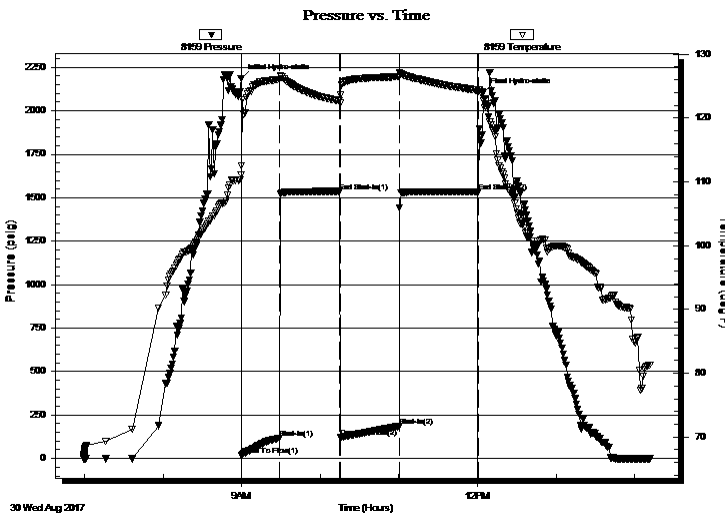
Inside

Press@RunDepth: 185.54 psig @ 4279.00 ft (KB)
 Start Date: 2017.08.30 End Date: 2017.08.30
 Start Time: 06:59:19 End Time: 14:12:18

Capacity: 8000.00 psig
 Last Calib.: 2017.08.30
 Time On Btm: 2017.08.30 @ 08:59:33
 Time Off Btm: 2017.08.30 @ 12:04:33

TEST COMMENT: IF: Fair Blow , Built to 9 1/2"
 IS: No Blow Back
 FF: Fair Blow , Built to 10"
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.07	111.07	Initial Hydro-static
1	18.32	112.51	Open To Flow (1)
30	117.06	126.07	Shut-In(1)
75	1535.94	122.70	End Shut-In(1)
76	120.84	122.33	Open To Flow (2)
121	185.54	126.48	Shut-In(2)
182	1535.26	124.36	End Shut-In(2)
185	2105.14	122.70	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	40 GIP	0.00
330.00	Water	2.67
30.00	OMCW 2%O 10%M 88%W	0.42
70.00	Oil	0.98

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63622

DST#: 3

ATTN: Josh Austin

Test Start: 2017.08.30 @ 06:59:18

Tool Information

Drill Pipe:	Length: 4047.00 ft	Diameter: 3.80 inches	Volume: 56.77 bbl	Tool Weight:	2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 215.00 ft	Diameter: 2.25 inches	Volume: 1.06 bbl	Weight to Pull Loose:	100000.0 lb
			<u>Total Volume: 57.83 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial	68000.00 lb
Depth to Top Packer:	4278.00 ft			Final	69000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	6.00 ft				
Tool Length:	32.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In Tool	5.00			4257.00	
Hydraulic tool	5.00			4262.00	
Jars	5.00			4267.00	
Safety Joint	2.00			4269.00	
Packer	5.00			4274.00	26.00 Bottom Of Top Packer
Packer	4.00			4278.00	
Stubb	1.00			4279.00	
Recorder	0.00	8159	Inside	4279.00	
Recorder	0.00	6806	Outside	4279.00	
Perforations	2.00			4281.00	
Bullnose	3.00			4284.00	6.00 Bottom Packers & Anchor

Total Tool Length: 32.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Thomas Garner inc

15-25S-13W Stafford,KS

305 E 7th
St John, KS 67576

Garner #7

Job Ticket: 63622

DST#: 3

ATTN: Josh Austin

Test Start: 2017.08.30 @ 06:59:18

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

29000 ppm

Viscosity: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 8400.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	40 GIP	0.000
330.00	Water	2.670
30.00	OMCW 2%O 10%M 88%W	0.421
70.00	Oil	0.982

Total Length: 430.00 ft Total Volume: 4.073 bbl

Num Fluid Samples: 0

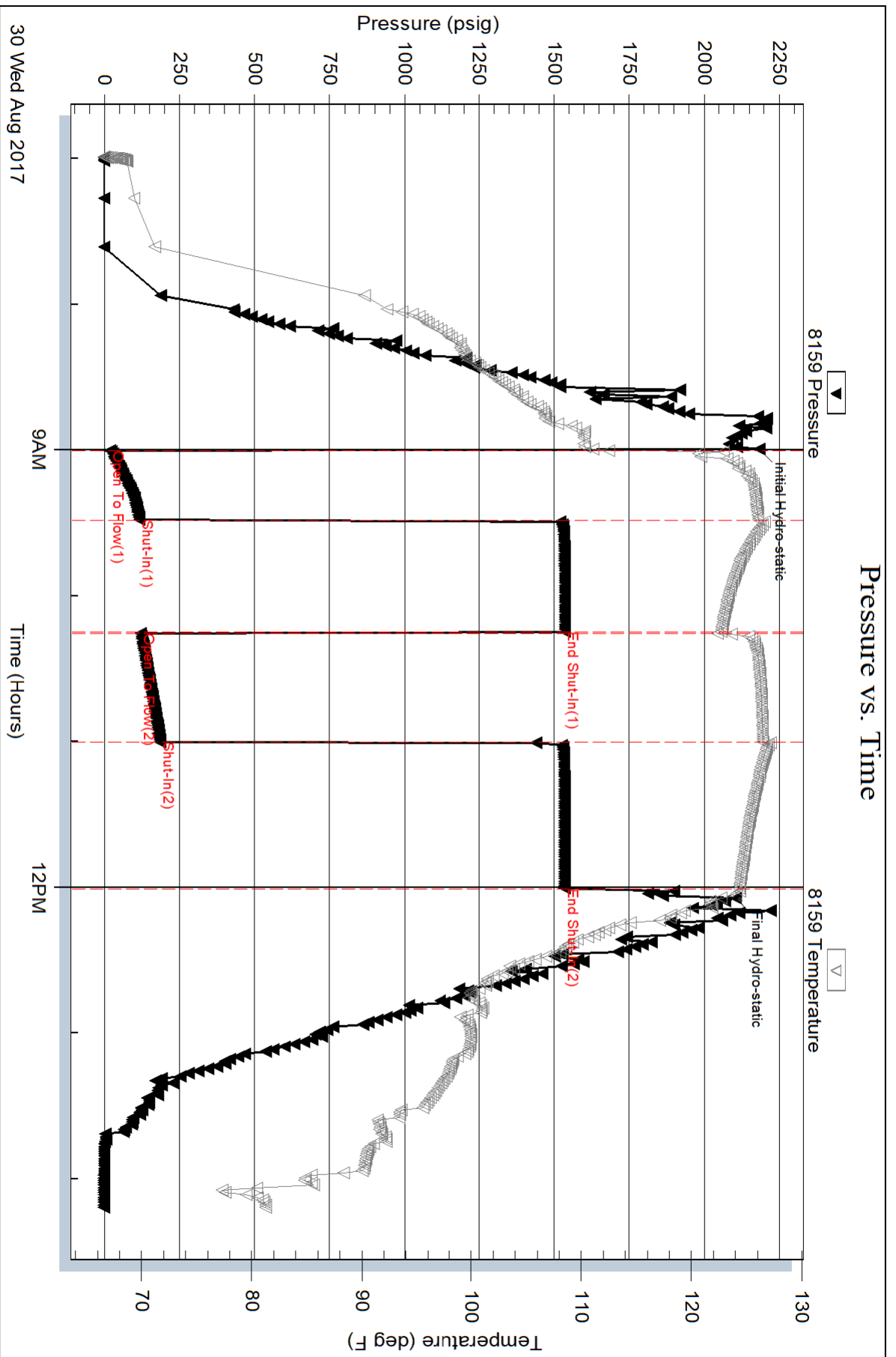
Num Gas Bombs: 0

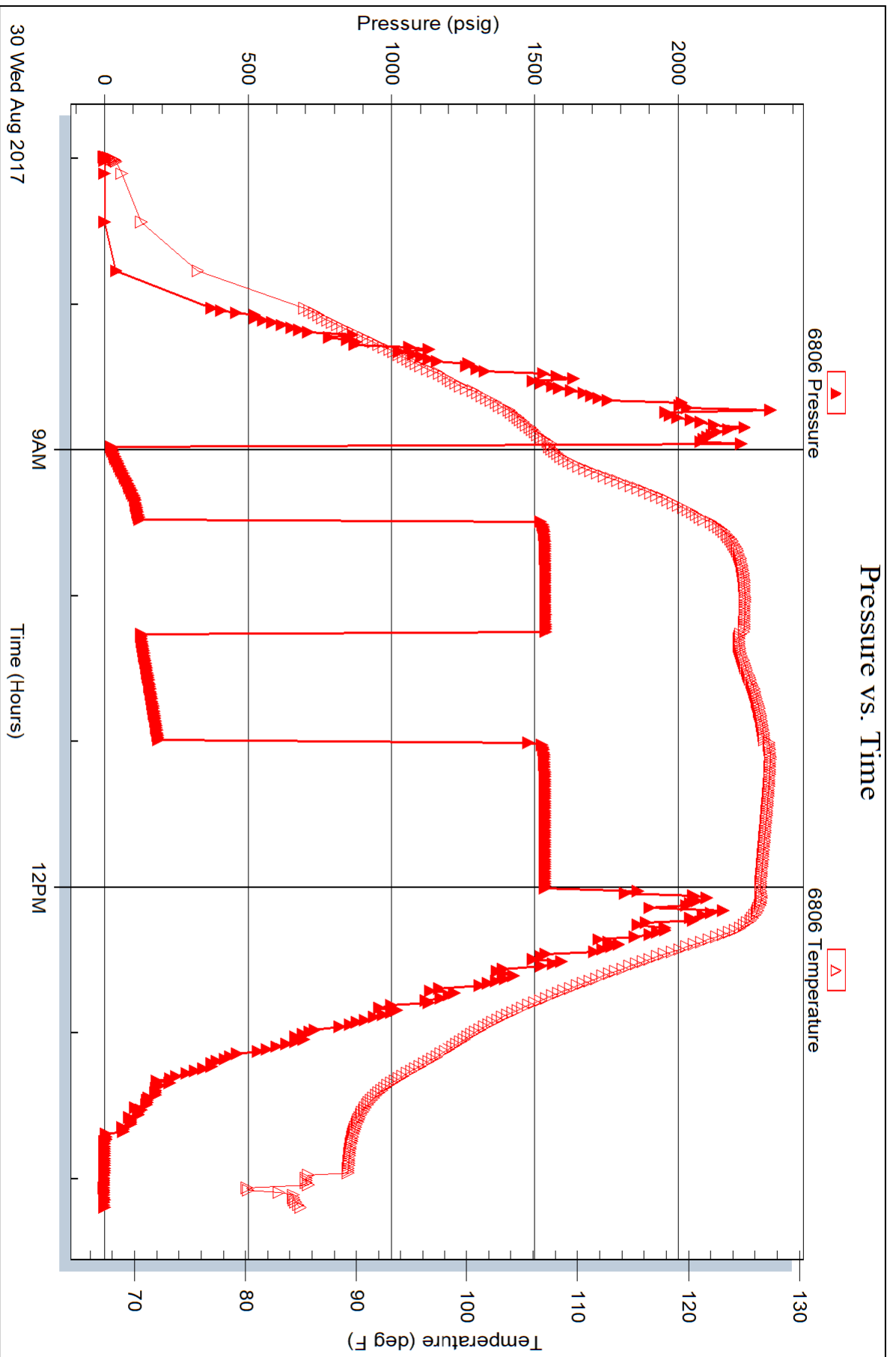
Serial #:

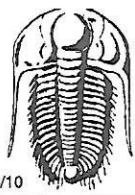
Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 38.6 @ 96 degrees
RW w as .18 @ 90 degrees







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63620**

Well Name & No. Garner 7 Test No. 1 Date 08/28/17
 Company Thomas Garner Inc Elevation 1938 KB 1927 GL
 Address 305 E 7th St. John, KS 67576
 Co. Rep / Geo. Josh Austin Rig Sterling 4
 Location: Sec. 15 Twp. 25S Rge. 13 W Co. Stafford State KS

Interval Tested 4085 - 4133 Zone Tested Viola
 Anchor Length 48 Drill Pipe Run 3856 Mud Wt. 9.4
 Top Packer Depth 4080 Drill Collars Run 215 Vis 61
 Bottom Packer Depth 4085 Wt. Pipe Run 0 WL 9.6
 Total Depth 4133 Chlorides 8400 ppm System LCM 1

Blow Description IF: Strong Blow, BOB in 30 seconds, GTS in 10 minutes, Gauged & caught sample
ISI: Linch Blow Back
FF: Strong Blow, GTS Immediate, BOB in 1 minute, Gauged Gas
FSI: would not bleed off

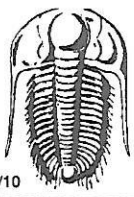
Rec	Feet of	%gas	%oil	%water	%mud
<u>480</u>	<u>GIP</u>				
<u>3531</u>	<u>GSV Oil</u>	<u>40%</u>	<u>60</u>		
<u>60</u>	<u>GOCM</u>	<u>20%</u>	<u>30</u>		<u>50</u>

Rec Total 3591 BHT 119 Gravity 39 API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic <u>2214</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>13:45</u>
(B) First Initial Flow <u>303</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>15:21</u>
(C) First Final Flow <u>435</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>18:27</u>
(D) Initial Shut-In <u>1137</u>	<input checked="" type="checkbox"/> Circ Sub <u>50</u>	T-Pulled <u>21:32</u>
(E) Second Initial Flow <u>469</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>01:43</u>
(F) Second Final Flow <u>733</u>	<input checked="" type="checkbox"/> Mileage <u>(26)</u> 19.50	Comments <u>Dropped Bar, Reversed Out</u>
(G) Final Shut-In <u>1131</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1990</u>	<input type="checkbox"/> Straddle	
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
	<input type="checkbox"/> Accessibility	Total <u>1544.50</u>
	Sub Total <u>1544.50</u>	MP/DST Disc't

Approved By [Signature] Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63621**

Well Name & No. Garner 7 Test No. 2 Date 08/29/17
 Company Thomas Garner Inc Elevation 1938 KB 1927 GL
 Address 305 E. 7th St. John KS 67576
 Co. Rep / Geo. Josh Austin Rig Sterling 4
 Location: Sec. 15 Twp. 25S Rge. 13W Co. Stafford State KS

Interval Tested 4182 - 4225 Zone Tested Simpson
 Anchor Length 43 Drill Pipe Run 3950 Mud Wt. 9.1
 Top Packer Depth 4177 Drill Collars Run 215 Vis 50
 Bottom Packer Depth 4182 Wt. Pipe Run 0 WL 11.2
 Total Depth 4225 Chlorides 10100 ppm System LCM 1

Blow Description IF: weak Blow, Built to 1 inch
IST: NO Blow Back
FF: weak surface Blow
FSI: NO Blow Back

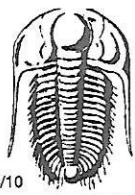
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>VSOCM</u>	<u>2</u>		<u>98</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 114 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic <u>2131</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>14:30</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>15:24</u>
(C) First Final Flow <u>37</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>17:03</u>
(D) Initial Shut-In <u>1106</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>19:36</u>
(E) Second Initial Flow <u>30</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>21:29</u>
(F) Second Final Flow <u>63</u>	<input checked="" type="checkbox"/> Mileage <u>(26.1)</u> 19.50	Comments
(G) Final Shut-In <u>1049</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2046</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1494.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1494.50</u>	

Approved By [Signature] Our Representative [Signature]

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **63622**

Well Name & No. Garner 7 Test No. 3 Date 08/30/17
 Company Thomas Garner Inc Elevation 1938 KB 1927 GL
 Address 305 E 7th St. John, KS 67576
 Co. Rep / Geo. Josh Austin Rig Sterling 4
 Location: Sec. 15 Twp. 25S Rge. 13W Co. Stafford State KS

Interval Tested 4278 - 4284 Zone Tested Arbuckle
 Anchor Length 6 Drill Pipe Run 4047 Mud Wt. 9.1
 Top Packer Depth 4273 Drill Collars Run 215 Vis 50
 Bottom Packer Depth 4278 Wt. Pipe Run 0 WL 11.2
 Total Depth 4284 Chlorides 10100 ppm System LCM 1

Blow Description IF: Fair Blow Built to 9 1/2 inches
ISI: NO Blow Back
FF: Fair Blow, Built to 10 inches
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>GIP</u>				
<u>70</u>	<u>oil</u>				
<u>30</u>	<u>OMCW</u>		<u>2</u>	<u>88</u>	<u>10</u>
<u>330</u>	<u>water</u>				

Rec Total 400 BHT 124 Gravity 36 API RW -18 @ 90 ° F Chlorides 29000 ppm

(A) Initial Hydrostatic <u>2183</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>06:30</u>
(B) First Initial Flow <u>18</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>06:59</u>
(C) First Final Flow <u>117</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>09:00</u>
(D) Initial Shut-In <u>1536</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>12:00</u>
(E) Second Initial Flow <u>121</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>14:12</u>
(F) Second Final Flow <u>175</u>	<input checked="" type="checkbox"/> Mileage <u>(26)</u> 19.50	Comments _____
(G) Final Shut-In <u>1535</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>2105</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>45</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1494.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1494.50</u>	

Approved By [Signature] Our Representative [Signature]

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