



DRILL STEM TEST REPORT

Prepared For: **JRG Petroleum**

PO Box 149
Medicine Lodge, KS 67104

ATTN: DJ Rebel

Tom #1

31-31s-12w Barber,KS

Start Date: 2016.04.20 @ 21:51:07

End Date: 2016.04.21 @ 03:36:37

Job Ticket #: 57988 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

JRG Petroleum
PO Box 149
Medicine Lodge, KS 67104
ATTN: DJ Rebel

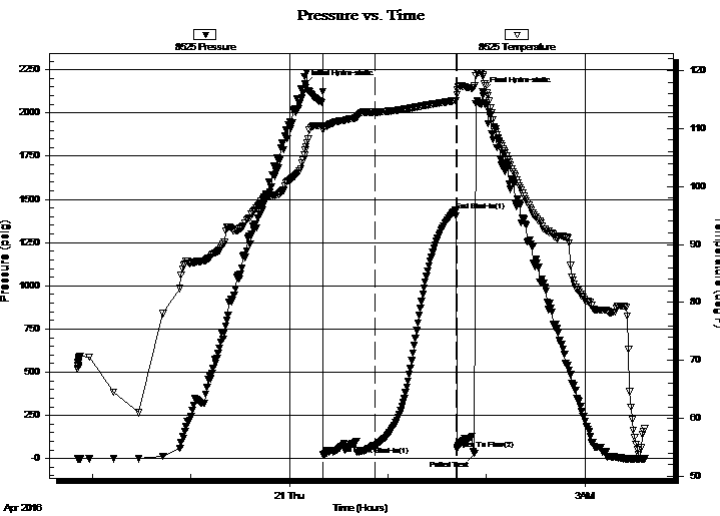
31-31s-12w Barber, KS
Tom #1
Job Ticket: 57988 **DST#: 1**
Test Start: 2016.04.20 @ 21:51:07

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:20:37
Time Test Ended: 03:36:37
Interval: **4497.00 ft (KB) To 4531.00 ft (KB) (TVD)**
Total Depth: 4531.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Reference Elevations: 1548.00 ft (KB)
1543.00 ft (CF)
KB to GR/CF: 5.00 ft
Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74

Serial #: 8525 Inside
Press@RunDepth: 73.22 psig @ 4498.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2016.04.20 End Date: 2016.04.21 Last Calib.: 2016.04.21
Start Time: 21:51:08 End Time: 03:36:37 Time On Btm: 2016.04.21 @ 00:09:37
Time Off Btm: 2016.04.21 @ 01:57:37

TEST COMMENT: IF: Weak 1/4 inch Blow
IS: No Blow Back
FF: Weak Surface Blow, Pulled @ 10 minutes



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.17	106.25	Initial Hydro-static
11	25.02	109.83	Open To Flow (1)
43	73.22	112.82	Shut-In(1)
92	1436.33	114.83	End Shut-In(1)
93	56.02	115.84	Open To Flow (2)
104	30.69	117.32	Pulled Test
108	2124.81	119.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	55 GIP	0.00
5.00	Mud	0.02

Gas Rates

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



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TOOL DIAGRAM

JRG Petroleum
PO Box 149
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ATTN: DJ Rebel

31-31s-12w Barber,KS
Tom #1
Job Ticket: 57988 **DST#: 1**
Test Start: 2016.04.20 @ 21:51:07

Tool Information

Drill Pipe:	Length: 4368.00 ft	Diameter: 3.80 inches	Volume: 61.27 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: 121.00 ft	Diameter: 2.25 inches	Volume: 0.60 bbl	Weight to Pull Loose:	lb
			<u>Total Volume: 61.87 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial	60000.00 lb
Depth to Top Packer:	4497.00 ft			Final	lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	60.00 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			4476.00	
Hydraulic tool	5.00			4481.00	
Jars	5.00			4486.00	
Safety Joint	2.00			4488.00	
Packer	5.00			4493.00	26.00 Bottom Of Top Packer
Packer	4.00			4497.00	
Stubb	1.00			4498.00	
Recorder	0.00	8525	Inside	4498.00	
Recorder	0.00	6806	Outside	4498.00	
Perforations	30.00			4528.00	
Bullnose	3.00			4531.00	34.00 Bottom Packers & Anchor

Total Tool Length: 60.00



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FLUID SUMMARY

JRG Petroleum

31-31s-12w Barber,KS

PO Box 149
Medicine Lodge, KS 67104

Tom #1

Job Ticket: 57988

DST#: 1

ATTN: DJ Rebel

Test Start: 2016.04.20 @ 21:51:07

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	55 GIP	0.000
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

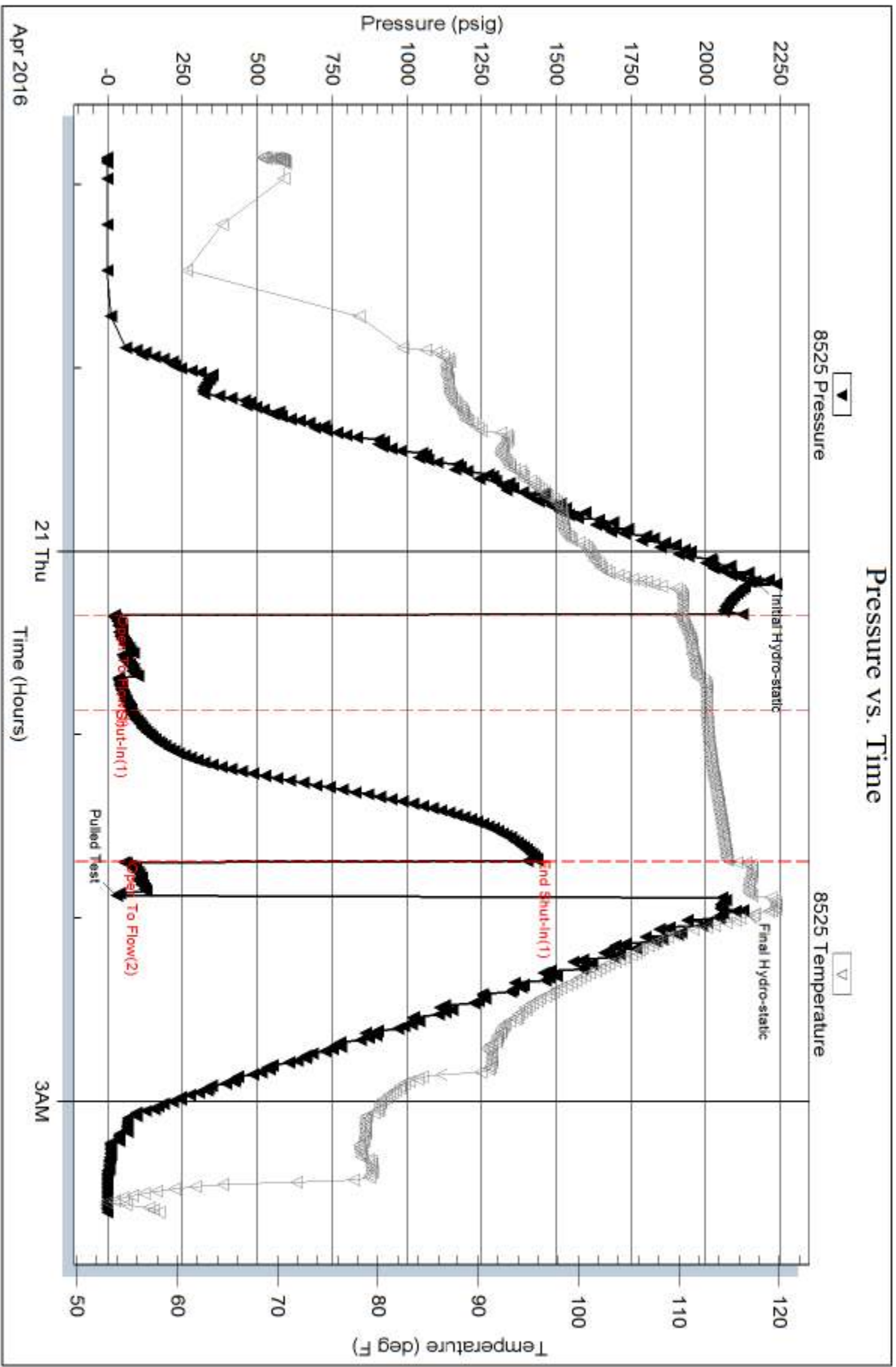
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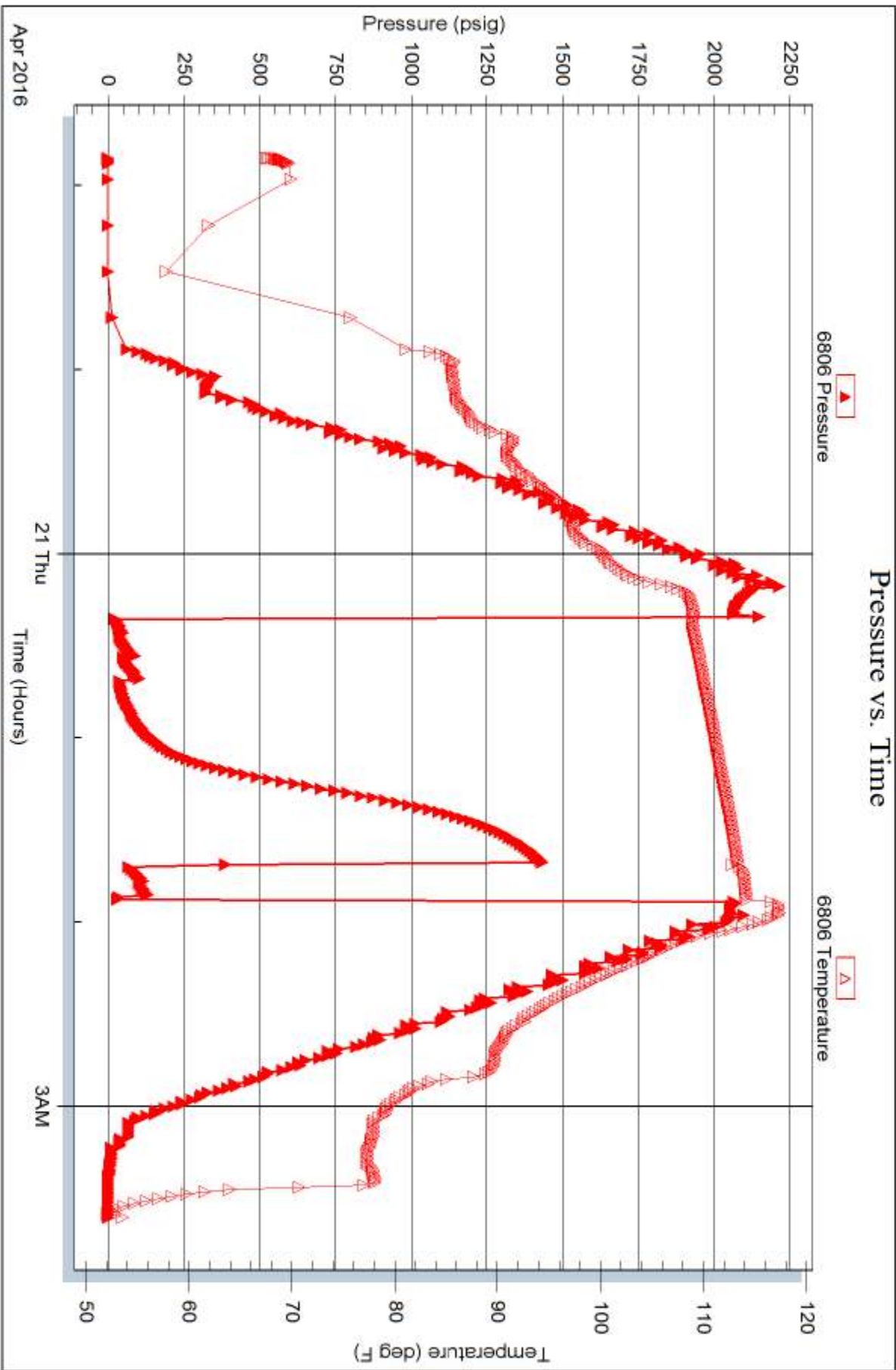
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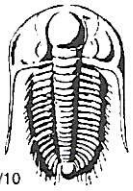
JRG Petroleum

Tom #1

DST Test Number: 1







TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 57988

Well Name & No. TOM 1 Test No. 1 Date 04/20/16
 Company JR G Petroleum Elevation 1548 KB 1543 GL
 Address PO Box 149 Medicine Lodge, KS 67104
 Co. Rep / Geo. DJ Rebel Rig WW 4
 Location: Sec. 31 Twp. 31S Rge. 12W Co. Barber State KS

Interval Tested 4497 - 4531 Zone Tested Simpson
 Anchor Length 34 Drill Pipe Run 4368 Mud Wt. 8.6
 Top Packer Depth 4492 Drill Collars Run 121 Vis 58
 Bottom Packer Depth 4497 Wt. Pipe Run 0 WL 9.6
 Total Depth 4531 Chlorides 6000 ppm System LCM 10

Blow Description IF: weak 1/4 inch BLOW
ISI: NO BLOW BACK
FF: weak surface blow, pulled @ 10 minutes

Rec	Feet of	%gas	%oil	%water	%mud
<u>55</u>	<u>GIP</u>				
<u>5</u>	<u>Mud</u>				

Rec Total 5 BHT 120 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm

(A) Initial Hydrostatic <u>2166</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>20:45</u>
(B) First Initial Flow <u>25</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>21:51</u>
(C) First Final Flow <u>73</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>00:20</u>
(D) Initial Shut-In <u>1436</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>01:52</u>
(E) Second Initial Flow <u>56</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>03:36</u>
(F) Second Final Flow <u>30</u>	<input checked="" type="checkbox"/> Mileage <u>30</u> <u>60</u>	Comments
(G) Final Shut-In <u>N/A</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2125</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>10</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>N/A</u>	<input type="checkbox"/> Day Standby	Total <u>1535.00</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1535.00</u>	

Approved By [Signature]

Our Representative [Signature]

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