

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1232008
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____

1232008

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	SCOTT CLARK, JR. GST TRUST 2-25
Doc ID	1232008

All Electric Logs Run

Sonic Cement Bond Log
Computer Processed Interpretation
fracfinder
Microresistivity
Borehole Compensated Sonic log
DIL
CDL/CNL

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	SCOTT CLARK, JR. GST TRUST 2-25
Doc ID	1232008

Tops

Name	Top	Datum
Herrington	1971	+64
Winfield	2023	+12
Towanda	2088	-53
Fort Riley	2132	-97
B/Florence	2226	-191
Kinney LS	2240	-205
Wrefold	2274	-239
Council Grove	2293	-258
Crouse	2334.5	-299.5
Neva	2472	-437
Red Eagle	2535	-500
Onaga Shale	2686	-651
Wabaunsee	2710	-675
Root Shale	2762	-727
Stotler	2827	-792
Tarkio	2884	-849
Howard	3026	-991
Severy Shale	3092	-1057
Topeka	3102	-1067
Heebner	3362	-1327
Toronto	3380	-1345
Douglas Shale	3390	-1355
Brown Lime	3452	-1417
LKC	3465	-1430

Form	ACO1 - Well Completion
Operator	F. G. Holl Company L.L.C.
Well Name	SCOTT CLARK, JR. GST TRUST 2-25
Doc ID	1232008

Tops

Name	Top	Datum
Drum	3592	1557
BKC	3691	-1656
Arbuckle	3764	-1729
RTD	3950	-1915

Mud-Co / Service Mud Inc.

Operator **FG Holl** County **Pawnee** State **Kansas** Pump **6** X **15** X **60** SPM Casing Program **8 5/8** " @ **1039** ft.
 Well **Scott Clark Jr GST Trust #2-25** Location _____ GPM **8.76** BPM _____ " @ _____ ft.
 Contractor **Duke Drilling #2** Sec **25** TWP **20S** RNG **16W** D.P. **4.5** in. **216** FT/MIN R.A. _____ " @ _____ ft.
 Stockpoint **Hays, Kansa:** Date **10/25/2014** Engineer **Jason Whiting** Collar **6.25** in. **450** ft. **393** FT/MIN R.A. Total Depth **3850'** ft.

DATE	DEPTH	WEIGHT	VISCOSITY			GELS	pH	FILTRATION/FILTRATION ANALYSIS					SAND	RETORT			L.C.M.	Pump Press. PSI	CUMULATIVE COST	REMARKS AND TREATMENT
			Sec API @_F	PV @_F	Yp			10 sec / 10 min.	Strip Meter	ml API	Cake 32nds	Pres. #/BBL		Cl ppm	Ca ppm	%				
10/24	0																			Rig up.
10/28	966	10.9	39				7.0	N/C				5,000	Hvy		18.3		81.7	Tr		Drlg.
10/29	1039					W	A	T	E											Repari. Displaced w/ Starch @ 1825'
10/30	2015	8.9	44	12	14	10/41	7.0	14.4	2		24.5m	1,600		2.9		97.1				CFS DST #1 @ 2015'
10/31	2340	9.3	40	10	12	9/28	7.0	16.0	2		57m	2,380		3.8		96.2				TOH w/ bit DST #2 @ 2340'
11/1	2616	9.7	38	12	10	7/29	7.0	16.0	2		65m	2,260		6.1		93.9				Drlg. Displaced w/ chemical @ 2640'
11/2	3264	9.2	43	14	10	7/28	9.0	8.8	1		4,800	20		6.2		93.8				Drlg. DST #3 @ 3760'
11/3	3599	9.5	46	14	12	8/38	9.0	8.8	1		4,000	30		8.3		91.7				Drlg. DST #4 @ 3770'
11/4	3760	9.5	48	15	11	7/29	10.0	8.8	1		3,800	20		8.3		91.7				TIH w/ bit DST #5 @ 3780' misrun PF
11/5	3780	9.5	44	12	11	7/34	9.5	10.4	1		5,200	20		8.2		91.8				TIH w/ bit DST #6 @ 3780'
11/6	3790	9.3	61	19	15	8/33	10.5	7.6	1		4,600	20		6.9		93.1				TOH w/ DST 7 DST #7 @ 3790'
11/7	3820	9.1	47	14	13	8/33	10.5	7.2	1		4,600	20		5.5		94.5				CFS DST #8 @ 3805'
11/8	3825	9.2	73	21	19	11/53	10.0	7.2	1		5,200	20		6.1		93.9				TIH w/ bit DST #9 @ 3820'
11/9	3850																			LDDP DST #10 @ 3825'
																			FINAL: Ran 10 DST's, Logs OK, Ran 5 1/2 csg	
																			Reserve Pit, Chl content ppm: 24,600 ppm Estimated Volume: 850 bbls	

MUD-CO / SERVICE MUD INC.

100 S. Main Suite #310
Wichita, Ks. 67202
316/264-2814 Fax: 316/264-5024

DRILLING MUD RECAP

Materials	Sacks	Amount	Materials	Sacks	Amount	Amount
C/S HULLS	18		SUPER LIG	13	371.80	
CAUSTIC SODA	21					
DESCO	1					
DRILL PAK	4					
LIME	3					
MIL-GUARD	1					
PREMIUM GEL	372					
SALT CLAY	1					
SODA ASH	19					
STARCH	56					
						Total Mud Cost
						Trucking Cost
						Trucking Surcharge
						Taxes
						TOTAL COST



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita,KS 67206-2563

ATTN: Renee Husted

Scott Clark Jr #2-25

25-20s-16w Pawnee,KS

Start Date: 2014.10.30 @ 14:03:00

End Date: 2014.10.30 @ 20:41:30

Job Ticket #: 60391 DST #: 1

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.12 @ 09:48:53

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

Scott Clark Jr #2-25

DST # 1

Herrington Krider

2014.10.30



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 60391

DST#: 1

ATTN: Renee Husted

Test Start: 2014.10.30 @ 14:03:00

GENERAL INFORMATION:

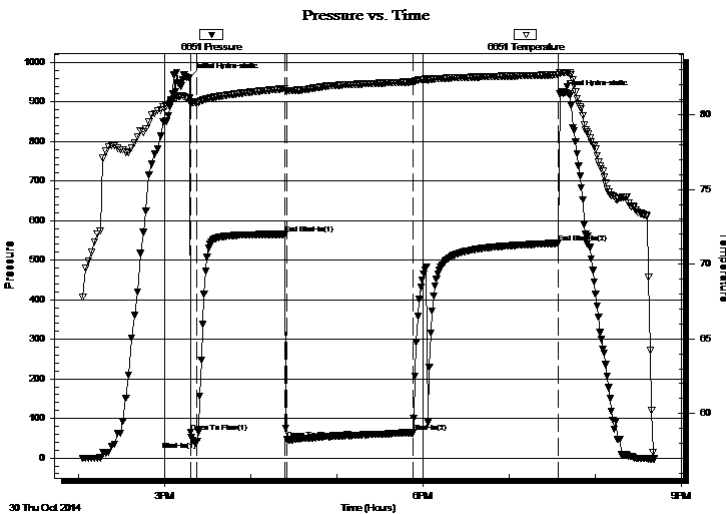
Formation: **Herrington Krider**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 15:18:00 Tester: Gene Budig
 Time Test Ended: 20:41:30 Unit No: S4
 Interval: **1945.00 ft (KB) To 2015.00 ft (KB) (TVD)** Reference Elevations: 2035.00 ft (KB)
 Total Depth: 2015.00 ft (KB) (TVD) 2027.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6651

Outside

Press@RunDepth: 63.99 psig @ 2011.96 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.30 End Date: 2014.10.30 Last Calib.: 2014.10.30
 Start Time: 14:03:00 End Time: 20:41:30 Time On Btm: 2014.10.30 @ 15:17:30
 Time Off Btm: 2014.10.30 @ 19:35:30

TEST COMMENT: IFP 5 Good blow BOB in 1 minute
 ISI 60 No blow back
 FFP 90 Strong blow BOB in 1 second GTS in 3 minutes
 FSI 100 After 8 minutes reversed tool to opening to catch gas sample then shut tool back in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	961.05	81.10	Initial Hydro-static
1	64.73	80.72	Open To Flow (1)
5	42.47	80.83	Shut-In(1)
66	565.62	81.74	End Shut-In(1)
68	47.19	81.60	Open To Flow (2)
156	63.99	82.20	Shut-In(2)
257	543.03	82.67	End Shut-In(2)
258	919.82	82.79	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Drilling mud	1.26

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	20.00	13.65
Last Gas Rate	0.13	52.50	26.54
Max. Gas Rate	0.13	52.50	26.54



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 60391

DST#: 1

ATTN: Renee Husted

Test Start: 2014.10.30 @ 14:03:00

GENERAL INFORMATION:

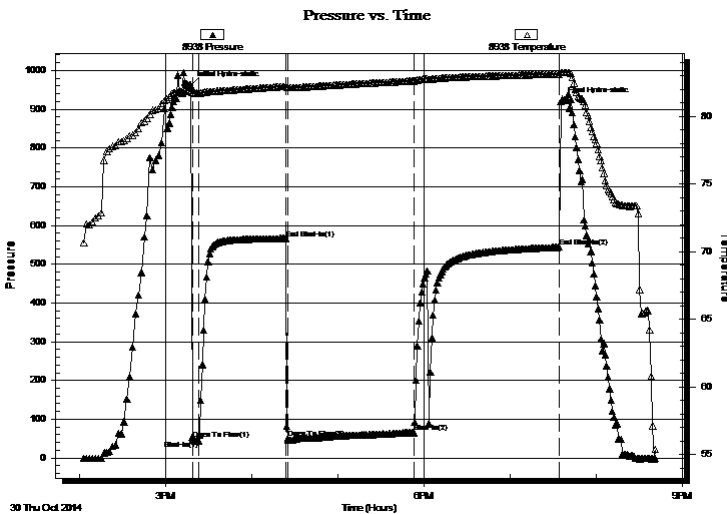
Formation: **Herrington Krider**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 15:18:00
 Time Test Ended: 20:41:30
 Interval: **1945.00 ft (KB) To 2015.00 ft (KB) (TVD)**
 Total Depth: 2015.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Gene Budig
 Unit No: S4
 Reference Elevations: 2035.00 ft (KB)
 2027.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8938

Inside

Press@RunDepth: 543.91 psig @ 2010.96 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.10.30 End Date: 2014.10.30 Last Calib.: 2014.10.30
 Start Time: 14:03:00 End Time: 20:41:30 Time On Btm: 2014.10.30 @ 15:17:30
 Time Off Btm: 2014.10.30 @ 19:35:30

TEST COMMENT: IFP 5 Good blow BOB in 1 minute
 ISI 60 No blow back
 FFP 90 Strong blow BOB in 1 second GTS in 3 minutes
 FSI 100 After 8 minutes reversed tool to opening to catch gas sample then shut tool back in



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	961.91	81.95	Initial Hydro-static
2	47.74	81.75	Open To Flow (1)
6	44.94	81.71	Shut-In(1)
66	566.34	82.22	End Shut-In(1)
68	51.51	82.12	Open To Flow (2)
156	65.16	82.62	Shut-In(2)
257	543.91	83.12	End Shut-In(2)
258	920.69	83.25	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Drilling mud	1.26

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	20.00	13.65
Last Gas Rate	0.13	52.50	26.54
Max. Gas Rate	0.13	52.50	26.54



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 60391

DST#: 1

ATTN: Renee Hustead

Test Start: 2014.10.30 @ 14:03:00

Tool Information

Drill Pipe:	Length: 1930.00 ft	Diameter: 3.80 inches	Volume: 27.07 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 27.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	1945.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	69.96 ft			
Tool Length:	97.96 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			1922.00	
Hydraulic Tool	5.00			1927.00	
Jars	6.00			1933.00	
Safety Joint	2.00			1935.00	
Top Packer	5.00			1940.00	
Packer	5.00			1945.00	28.00 Bottom Of Top Packer
Anchor	5.00			1950.00	
Change Over Sub	0.75			1950.75	
Drill Pipe	31.46			1982.21	
Change Over Sub	0.75			1982.96	
Anchor	27.00			2009.96	
Recorder	1.00	8938	Inside	2010.96	
Recorder	1.00	6651	Outside	2011.96	
Bull Plug	3.00			2014.96	69.96 Anchor Tool

Total Tool Length: 97.96



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 60391

DST#: 1

ATTN: Renee Husted

Test Start: 2014.10.30 @ 14:03:00

Mud and Cushion Information

Mud Type:		Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	44.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	14.34 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	24500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Drilling mud	1.262

Total Length: 90.00 ft Total Volume: 1.262 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 60391

DST#: 1

ATTN: Renee Husted

Test Start: 2014.10.30 @ 14:03:00

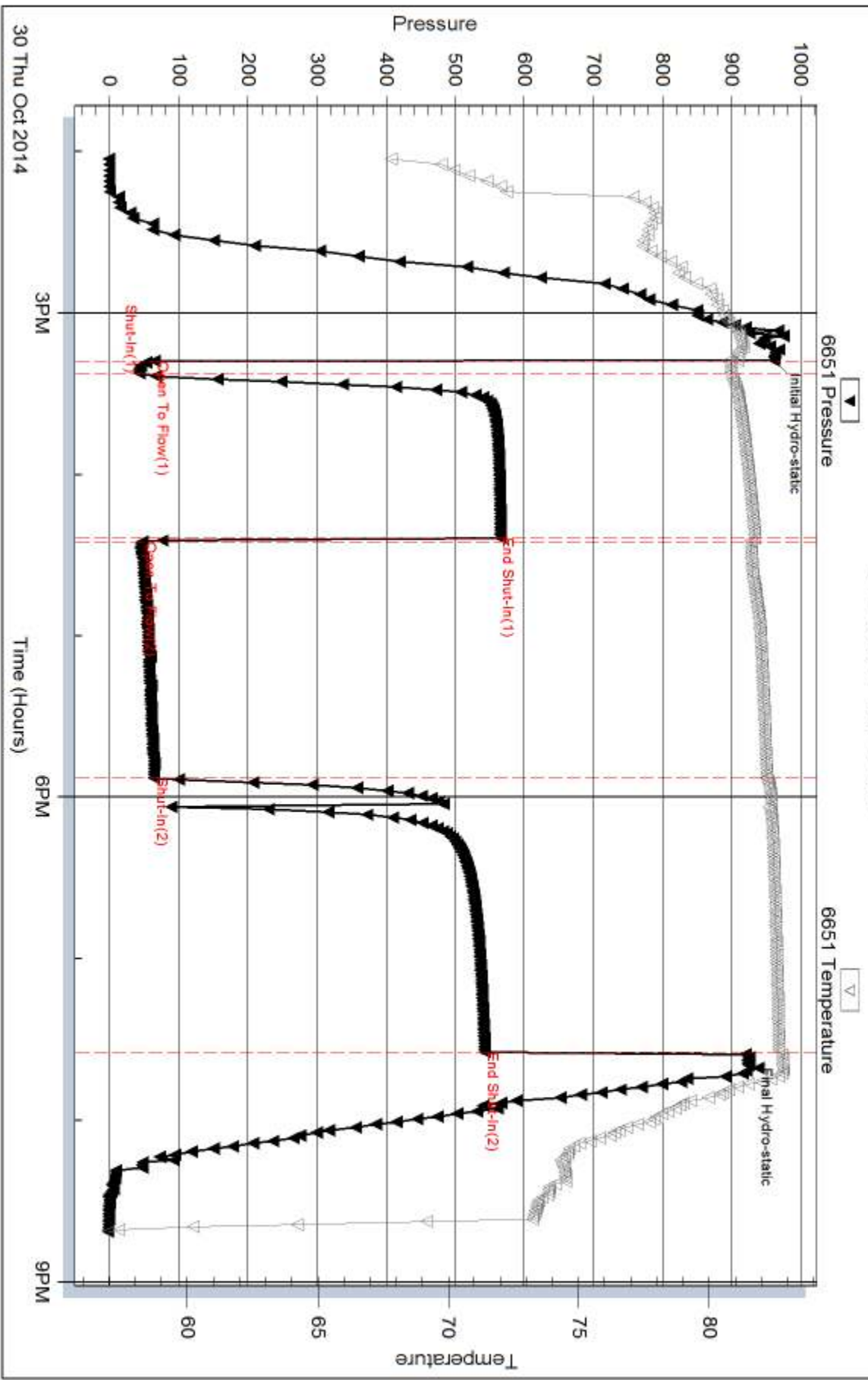
Gas Rates Information

Temperature: 2 (deg F)
Relative Density: 0.65
Z Factor: 0.8

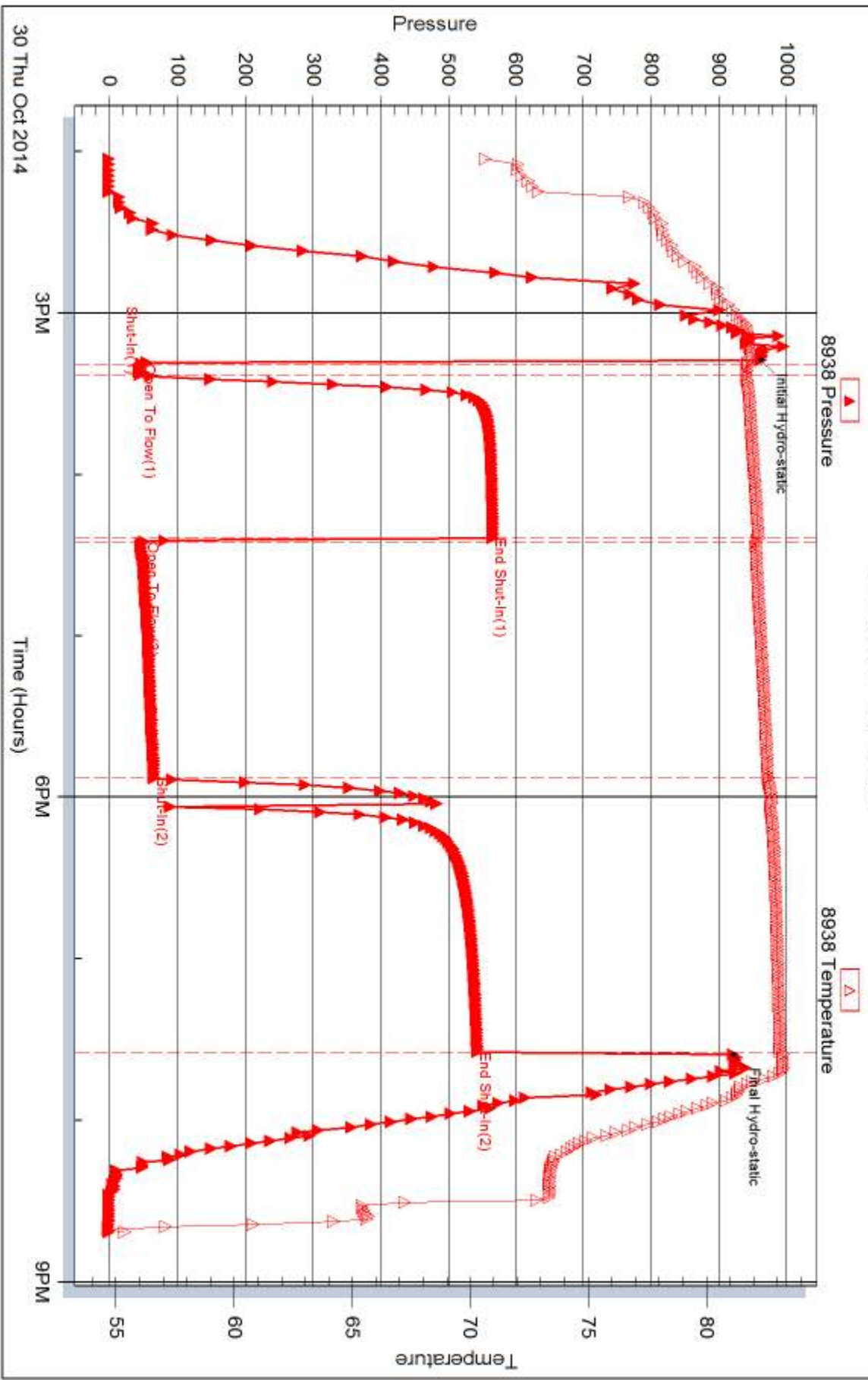
Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	5	0.13	20.00	13.65
2	10	0.13	27.00	16.43
2	20	0.13	49.00	25.15
2	30	0.13	52.50	26.54
2	40	0.13	52.50	26.54
2	50	0.13	52.50	26.54
2	60	0.13	52.50	26.54
2	70	0.13	52.50	26.54
2	80	0.13	52.50	26.54
2	90	0.13	52.50	26.54

Pressure vs. Time



Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita,KS 67206-2563

ATTN: Renee Husted

Scott Clark Jr #2-25

25-20s-16w Pawnee,KS

Start Date: 2014.10.31 @ 12:46:00

End Date: 2014.10.31 @ 16:39:30

Job Ticket #: 60392 DST #: 2

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.12 @ 10:00:17



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 60392

DST#: 2

ATTN: Renee Husted

Test Start: 2014.10.31 @ 12:46:00

GENERAL INFORMATION:

Formation: **Crouse**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:46:00

Time Test Ended: 16:39:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: S4

Interval: 2292.00 ft (KB) To 2240.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 2340.00 ft (KB) (TVD)

2027.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6651 Outside

Press@RunDepth: 95.50 psig @ 2336.61 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.31

End Date:

2014.10.31

Last Calib.: 2014.10.31

Start Time: 12:46:00

End Time:

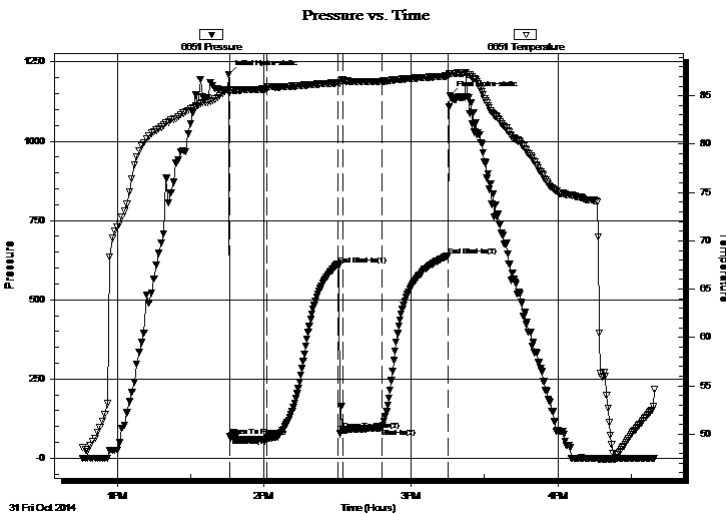
16:39:30

Time On Btm: 2014.10.31 @ 13:45:30

Time Off Btm: 2014.10.31 @ 15:16:00

TEST COMMENT: IFP 15 Weak surface blow
ISI 30 No blow back
FFP 15 Weak surface blow
FSI 30 No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1210.34	85.58	Initial Hydro-static
1	67.98	85.31	Open To Flow (1)
16	64.59	85.70	Shut-In(1)
45	611.31	86.34	End Shut-In(1)
47	89.46	86.65	Open To Flow (2)
63	95.50	86.50	Shut-In(2)
90	638.57	87.03	End Shut-In(2)
91	1142.90	87.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	125 Slightly gas cut mud	1.75

Gas Rates

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



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 60392

DST#: 2

ATTN: Renee Husted

Test Start: 2014.10.31 @ 12:46:00

GENERAL INFORMATION:

Formation: **Crouse**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:46:00

Time Test Ended: 16:39:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Gene Budig

Unit No: S4

Interval: 2292.00 ft (KB) To 2240.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 2340.00 ft (KB) (TVD)

2027.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8938 Inside

Press@RunDepth: 636.68 psig @ 2335.61 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.10.31

End Date:

2014.10.31

Last Calib.: 2014.10.31

Start Time: 12:46:00

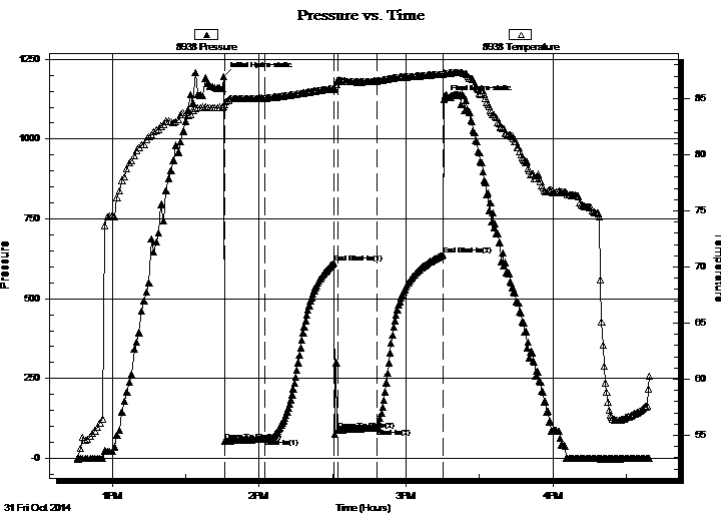
End Time:

16:39:30

Time On Btm: 2014.10.31 @ 13:45:30

Time Off Btm: 2014.10.31 @ 15:15:30

TEST COMMENT: IFP 15 Weak surface blow
ISI 30 No blow back
FFP 15 Weak surface blow
FSI 30 No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1195.45	84.27	Initial Hydro-static
1	54.11	84.45	Open To Flow (1)
17	62.59	85.04	Shut-In(1)
45	611.95	85.90	End Shut-In(1)
47	88.68	86.58	Open To Flow (2)
63	95.25	86.58	Shut-In(2)
90	636.68	87.18	End Shut-In(2)
90	1125.01	87.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	125 Slightly gas cut mud	1.75

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 60392

DST#: 2

ATTN: Renee Hustead

Test Start: 2014.10.31 @ 12:46:00

Tool Information

Drill Pipe:	Length: 2276.00 ft	Diameter: 3.80 inches	Volume: 31.93 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 3.80 inches	Volume: 0.00 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 31.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	2292.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	47.61 ft			
Tool Length:	75.61 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			2269.00	
Hydraulic Tool	5.00			2274.00	
Jars	6.00			2280.00	
Safety Joint	2.00			2282.00	
Top Packer	5.00			2287.00	
Packer	5.00			2292.00	28.00 Bottom Of Top Packer
Anchor	5.00			2297.00	
Change Over Sub	0.75			2297.75	
Drill Pipe	31.11			2328.86	
Change Over Sub	0.75			2329.61	
Anchor	5.00			2334.61	
Recorder	1.00	8938	Inside	2335.61	
Recorder	1.00	6651	Outside	2336.61	
Bull Plug	3.00			2339.61	47.61 Anchor Tool

Total Tool Length: 75.61



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 60392

DST#: 2

ATTN: Renee Husted

Test Start: 2014.10.31 @ 12:46:00

Mud and Cushion Information

Mud Type:		Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	40.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	15.94 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	57000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	125 Slightly gas cut mud	1.753

Total Length: 125.00 ft Total Volume: 1.753 bbl

Num Fluid Samples: 0

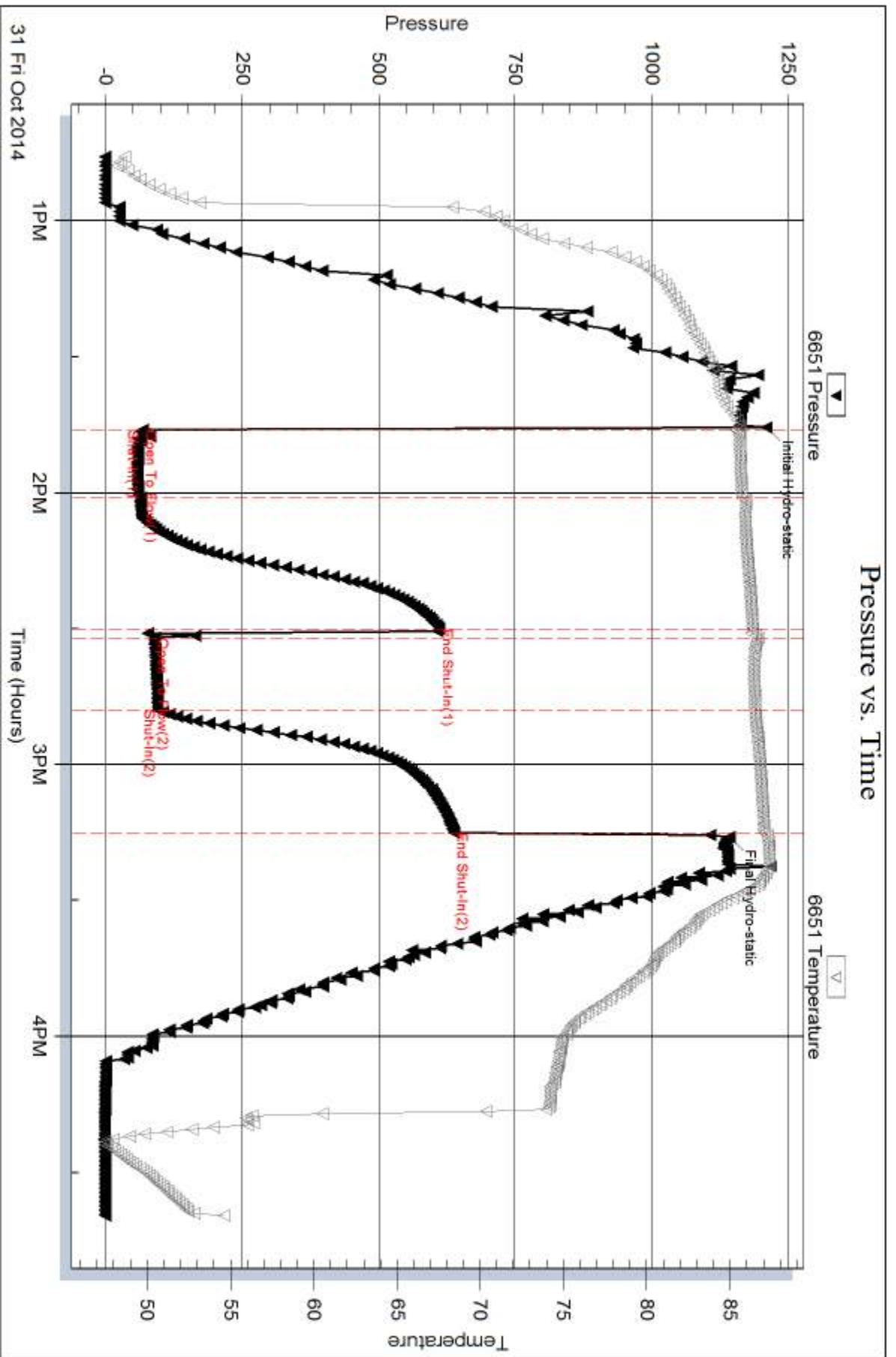
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



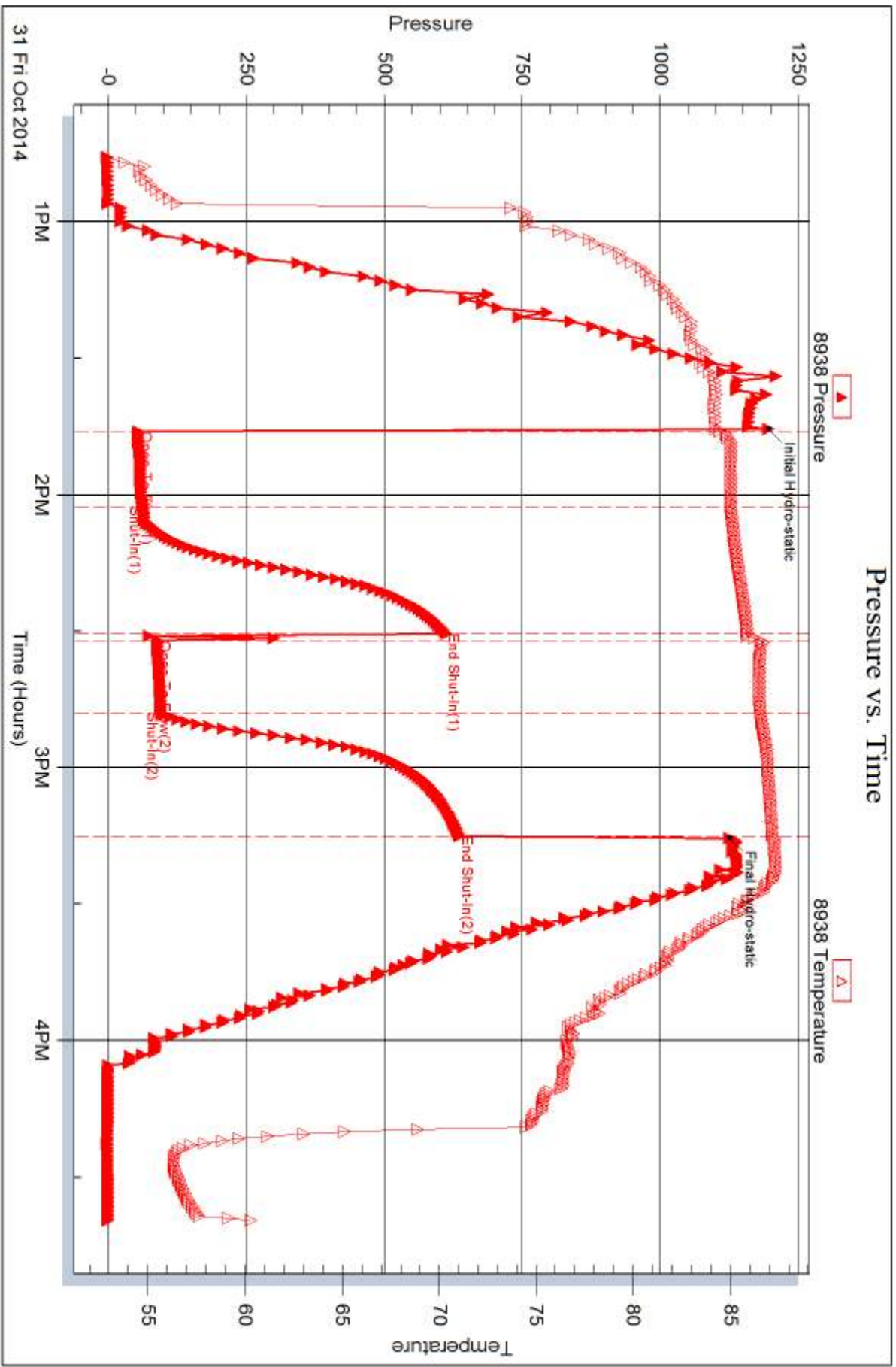
Serial #: 8938

Inside

F.G.Holl Company L.L.C.

Scott Clark Jr #2-25

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 60392

Printed: 2014.11.12 @ 10:00:18



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita,KS 67206-2563

ATTN: Renee Husted

Scott Clark Jr #2-25

25-20s-16w Pawnee,KS

Start Date: 2014.11.04 @ 04:16:12

End Date: 2014.11.04 @ 10:00:57

Job Ticket #: 59876 DST #: 3

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.12 @ 09:59:55



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59876

DST#: 3

ATTN: Renee Husted

Test Start: 2014.11.04 @ 04:16:12

GENERAL INFORMATION:

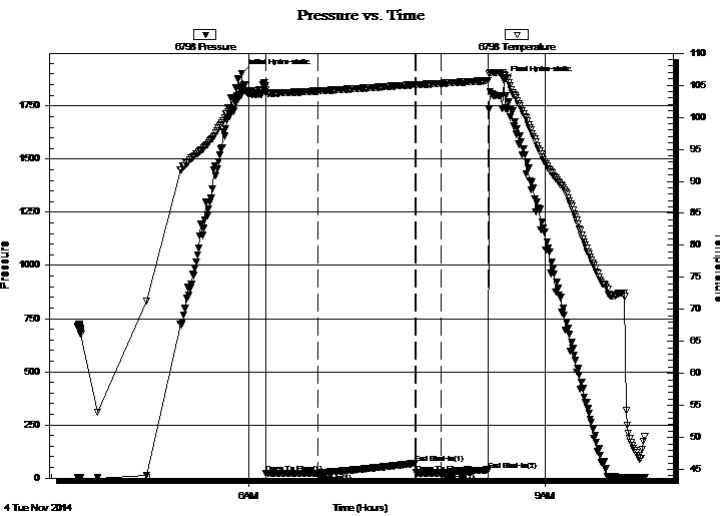
Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 06:10:42
 Time Test Ended: 10:00:57
 Interval: **3685.00 ft (KB) To 3760.00 ft (KB) (TVD)**
 Total Depth: 3760.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Leal Cason
 Unit No: 74
 Reference Elevations: 2035.00 ft (KB)
 2027.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press@RunDepth: 25.52 psig @ 3686.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.04 End Date: 2014.11.04 Last Calib.: 2014.11.04
 Start Time: 04:16:13 End Time: 10:00:57 Time On Btm: 2014.11.04 @ 05:55:57
 Time Off Btm: 2014.11.04 @ 08:34:57

TEST COMMENT: IF: Weak 1" Blow
 IS: No Blow Back
 FF: Weak Surface Blow, Dead @ 4 minutes
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1903.34	103.57	Initial Hydro-static
15	21.59	103.81	Open To Flow (1)
47	23.96	104.10	Shut-In(1)
105	69.74	105.08	End Shut-In(1)
106	24.71	105.07	Open To Flow (2)
121	25.52	105.30	Shut-In(2)
150	38.86	105.72	End Shut-In(2)
159	1871.08	106.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.14

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59876

DST#: 3

ATTN: Renee Husted

Test Start: 2014.11.04 @ 04:16:12

Tool Information

Drill Pipe:	Length: 3665.00 ft	Diameter: 3.80 inches	Volume: 51.41 bbl	Tool Weight:	2000.00 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: 0.00 ft	Diameter: 3.80 inches	Volume: 0.00 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 51.41 bbl</u>	Tool Chased	ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	59000.00 lb
Depth to Top Packer:	3685.00 ft			Final	59000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	75.00 ft				
Tool Length:	101.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3664.00	
Hydraulic tool	5.00			3669.00	
Jars	5.00			3674.00	
Safety Joint	2.00			3676.00	
Packer	5.00			3681.00	26.00 Bottom Of Top Packer
Packer	4.00			3685.00	
Stubb	1.00			3686.00	
Recorder	0.00	6798	Inside	3686.00	
Recorder	0.00	8367	Outside	3686.00	
Perforations	2.00			3688.00	
Change Over Sub	1.00			3689.00	
Drill Pipe	62.00			3751.00	
Change Over Sub	1.00			3752.00	
Perforations	5.00			3757.00	
Bullnose	3.00			3760.00	75.00 Bottom Packers & Anchor

Total Tool Length: 101.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59876

DST#: 3

ATTN: Renee Hustead

Test Start: 2014.11.04 @ 04:16:12

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: 40.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 15.93 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 57000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud	0.140

Total Length: 10.00 ft Total Volume: 0.140 bbl

Num Fluid Samples: 0

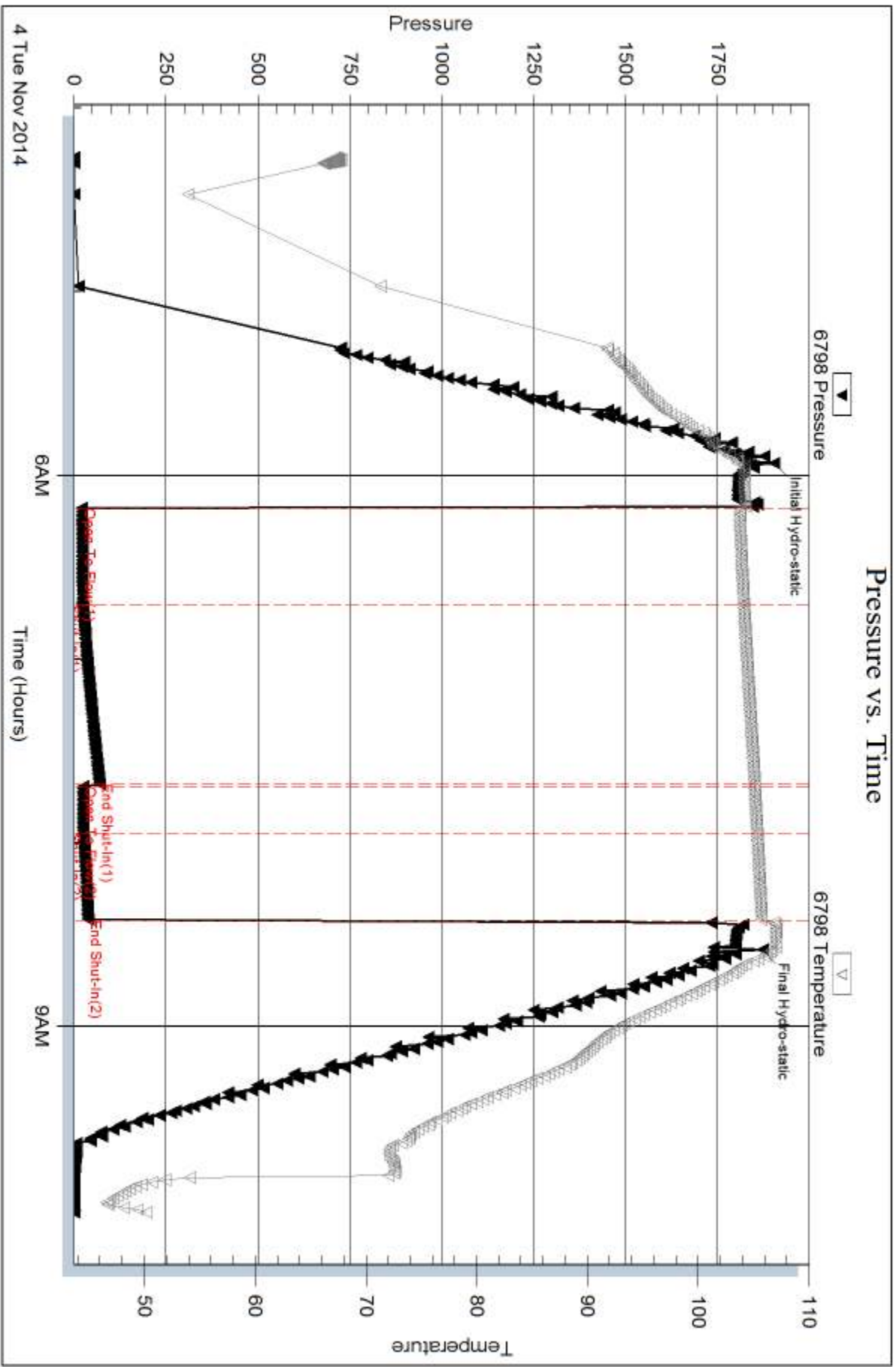
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

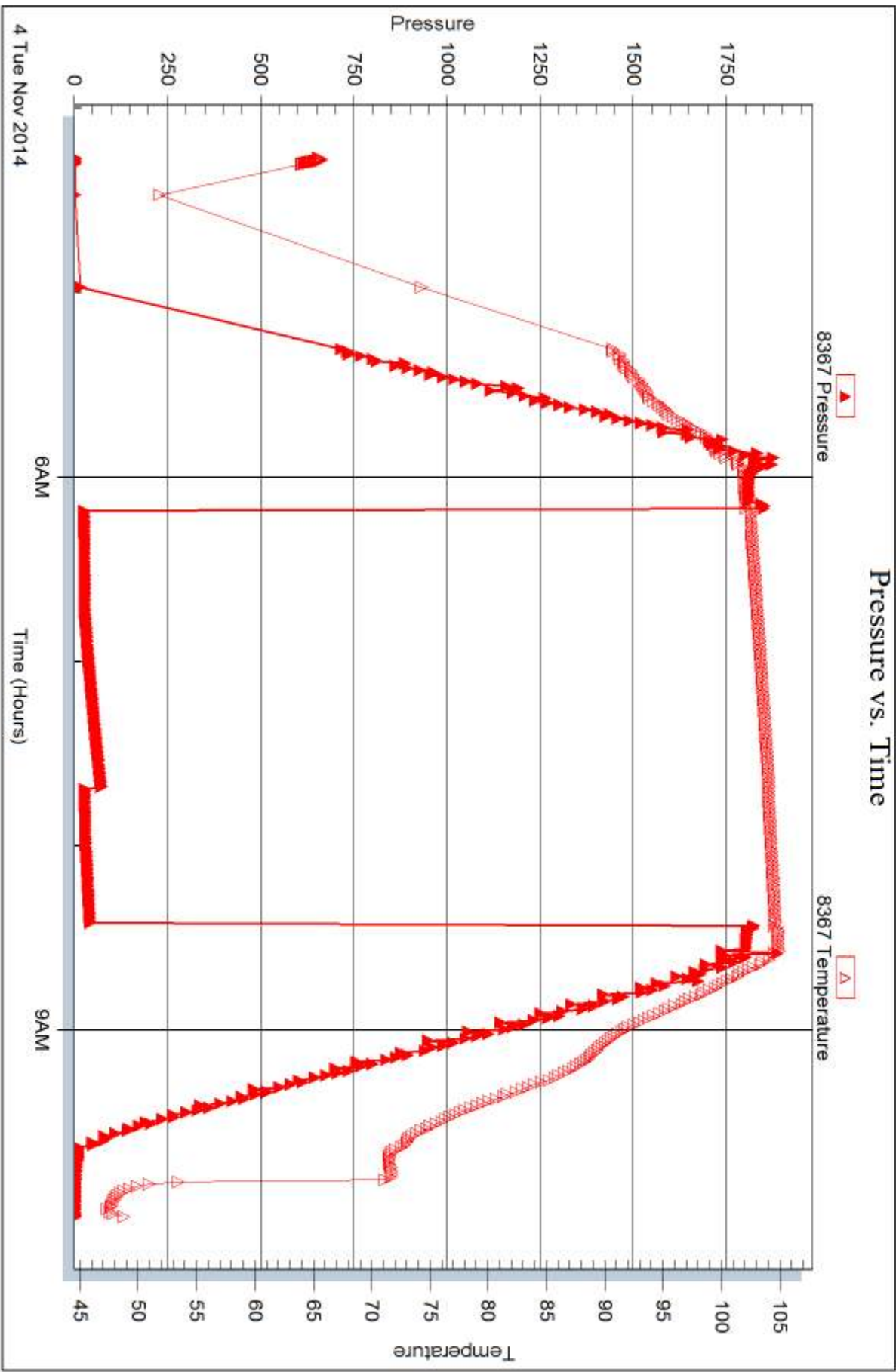


Serial #: 8367

Outside F.G.Holl Company L.L.C.

Scott Clark Jr #2-25

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 59876

Printed: 2014.11.12 @ 09:59:56



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, KS 67206-2563

ATTN: Renee Husted

Scott Clark Jr #2-25

25-20s-16w Pawnee,KS

Start Date: 2014.11.04 @ 16:20:28

End Date: 2014.11.05 @ 00:56:13

Job Ticket #: 59877 DST #: 4

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.12 @ 09:59:34



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee, KS

9431 East Central Suite 100
Wichita, KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59877

DST#: 4

ATTN: Renee Husted

Test Start: 2014.11.04 @ 16:20:28

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:10:58

Time Test Ended: 00:56:13

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 3762.00 ft (KB) To 3770.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3770.00 ft (KB) (TVD)

2027.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press@RunDepth: 259.12 psig @ 3763.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.04

End Date:

2014.11.05

Last Calib.:

2014.11.05

Start Time: 16:20:29

End Time:

00:56:13

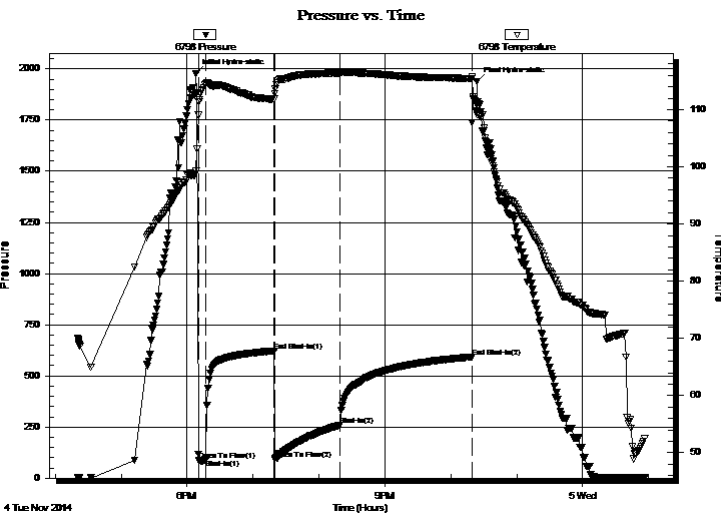
Time On Btm:

2014.11.04 @ 18:08:13

Time Off Btm:

2014.11.04 @ 22:23:28

TEST COMMENT: IF: Strong Blow, BOB in 1 minute
IS: 3" Blow Back
FF: Strong Blow, BOB in 1 minute
FS: Blow Back Built to 10 inches, GTS 110 minutes into Shut In



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1978.27	99.21	Initial Hydro-static
3	88.81	111.40	Open To Flow (1)
9	91.14	114.55	Shut-In(1)
71	620.73	111.86	End Shut-In(1)
72	92.55	112.80	Open To Flow (2)
131	259.12	116.41	Shut-In(2)
251	592.02	115.44	End Shut-In(2)
256	1939.35	111.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	GTS	0.00
124.00	Water	1.74
62.00	SOMCW 5%O 5%M 90%W	0.87
422.00	GCO 20%G 80%O	5.92

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59877

DST#: 4

ATTN: Renee Husted

Test Start: 2014.11.04 @ 16:20:28

Tool Information

Drill Pipe:	Length: 3755.00 ft	Diameter: 3.80 inches	Volume: 52.67 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 3.80 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 52.67 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3762.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	29.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		
Tool Comments:				

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

Shut In Tool	5.00			3746.00	
Hydraulic tool	5.00			3751.00	
Jars	5.00			3756.00	
Safety Joint	2.00			3758.00	
Packer	4.00			3762.00	21.00 Bottom Of Top Packer
Stubb	1.00			3763.00	
Recorder	0.00	6798	Inside	3763.00	
Recorder	0.00	8367	Outside	3763.00	
Perforations	4.00			3767.00	
Bullnose	3.00			3770.00	8.00 Anchor Tool
Total Tool Length:	29.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59877

DST#: 4

ATTN: Renee Husted

Test Start: 2014.11.04 @ 16:20:28

Mud and Cushion Information

Mud Type:		Cushion Type:		Oil API:	38.4 deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	38000 ppm
Viscosity:	40.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	15.93 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	57000.00 ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	GTS	0.000
124.00	Water	1.739
62.00	SOMCW 5%O 5%M 90%W	0.870
422.00	GCO 20%G 80%O	5.920

Total Length: 608.00 ft Total Volume: 8.529 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

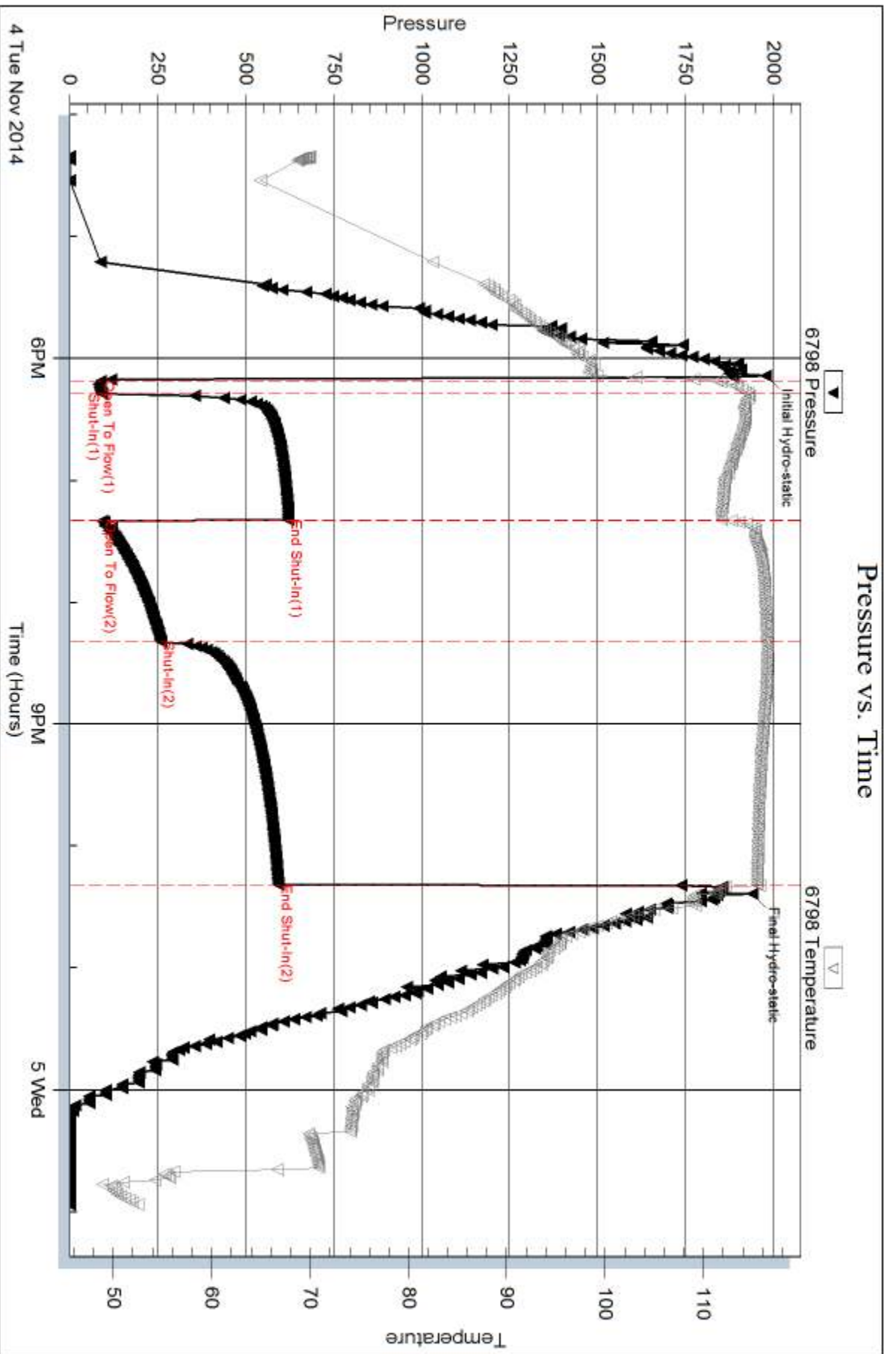
Serial #:

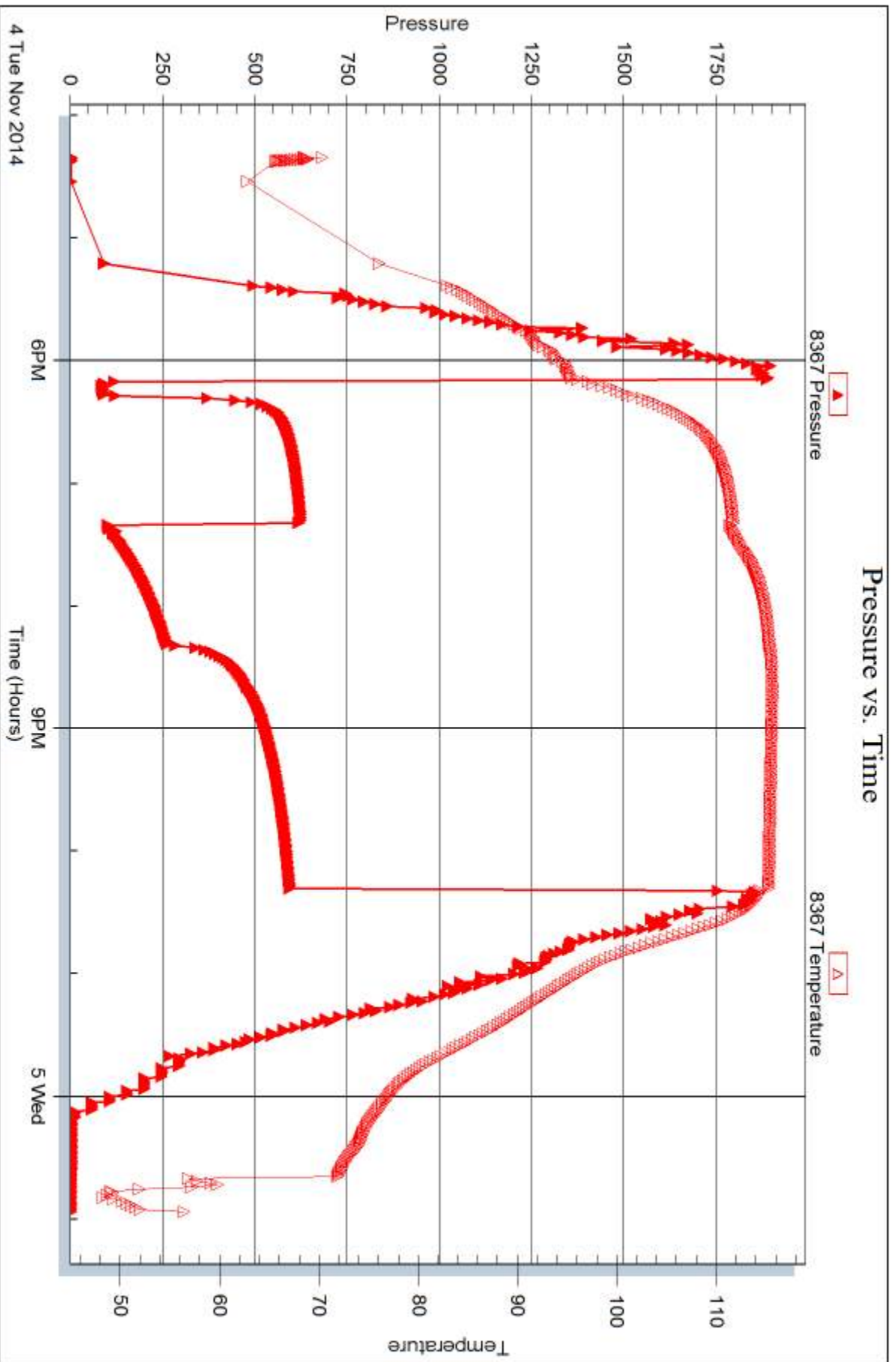
Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .27 @ 59 degrees

Gravity Was 37.6 @ 52 degrees







DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita,KS 67206-2563

ATTN: Renee Husted

Scott Clark Jr #2-25

25-20s-16w Pawnee,KS

Start Date: 2014.11.05 @ 08:00:53

End Date: 2014.11.05 @ 11:41:53

Job Ticket #: 59878 DST #: 5

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.12 @ 09:59:08



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59878

DST#: 5

ATTN: Renee Husted

Test Start: 2014.11.05 @ 08:00:53

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:58:08

Time Test Ended: 11:41:53

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 3772.00 ft (KB) To 3780.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3780.00 ft (KB) (TVD)

2027.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press@RunDepth: psig @ 3773.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.05

End Date: 2014.11.05

Last Calib.: 2014.11.05

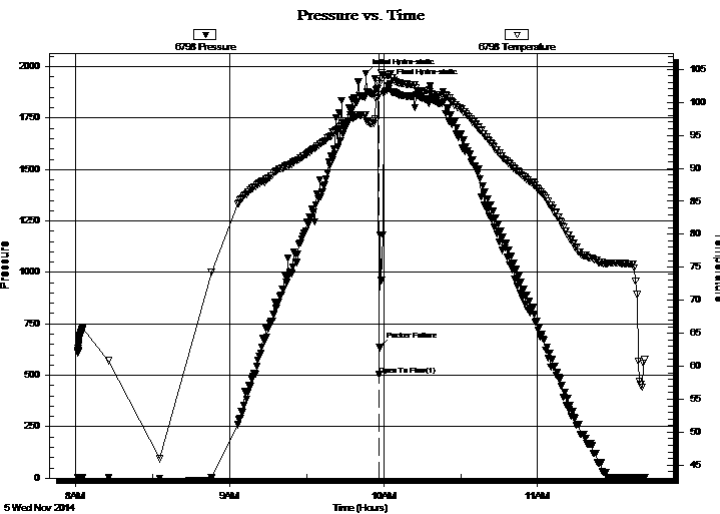
Start Time: 08:00:54

End Time: 11:41:53

Time On Btm: 2014.11.05 @ 09:53:08

Time Off Btm: 2014.11.05 @ 10:02:38

TEST COMMENT: IF: Packer Failure, Tried to Reset, Failed Again, Pulled Test



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1967.94	98.16	Initial Hydro-static
5	502.73	101.21	Open To Flow (1)
6	634.86	102.85	Packer Failure
10	1918.18	104.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
450.00	Drig Mud	6.31

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59878

DST#: 5

ATTN: Renee Husted

Test Start: 2014.11.05 @ 08:00:53

Tool Information

Drill Pipe:	Length: 3755.00 ft	Diameter: 3.80 inches	Volume: 52.67 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 40000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 3.80 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 52.67 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3772.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	29.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3756.00	
Hydraulic tool	5.00			3761.00	
Jars	5.00			3766.00	
Safety Joint	2.00			3768.00	
Packer	4.00			3772.00	21.00 Bottom Of Top Packer
Stubb	1.00			3773.00	
Recorder	0.00	6798	Inside	3773.00	
Recorder	0.00	8367	Outside	3773.00	
Perforations	4.00			3777.00	
Bullnose	3.00			3780.00	8.00 Anchor Tool
Total Tool Length:	29.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59878

DST#: 5

ATTN: Renee Husted

Test Start: 2014.11.05 @ 08:00:53

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: 40.00 sec/qt

Cushion Volume: bbl

Water Loss: 15.93 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 57000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
450.00	Drig Mud	6.312

Total Length: 450.00 ft Total Volume: 6.312 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6798

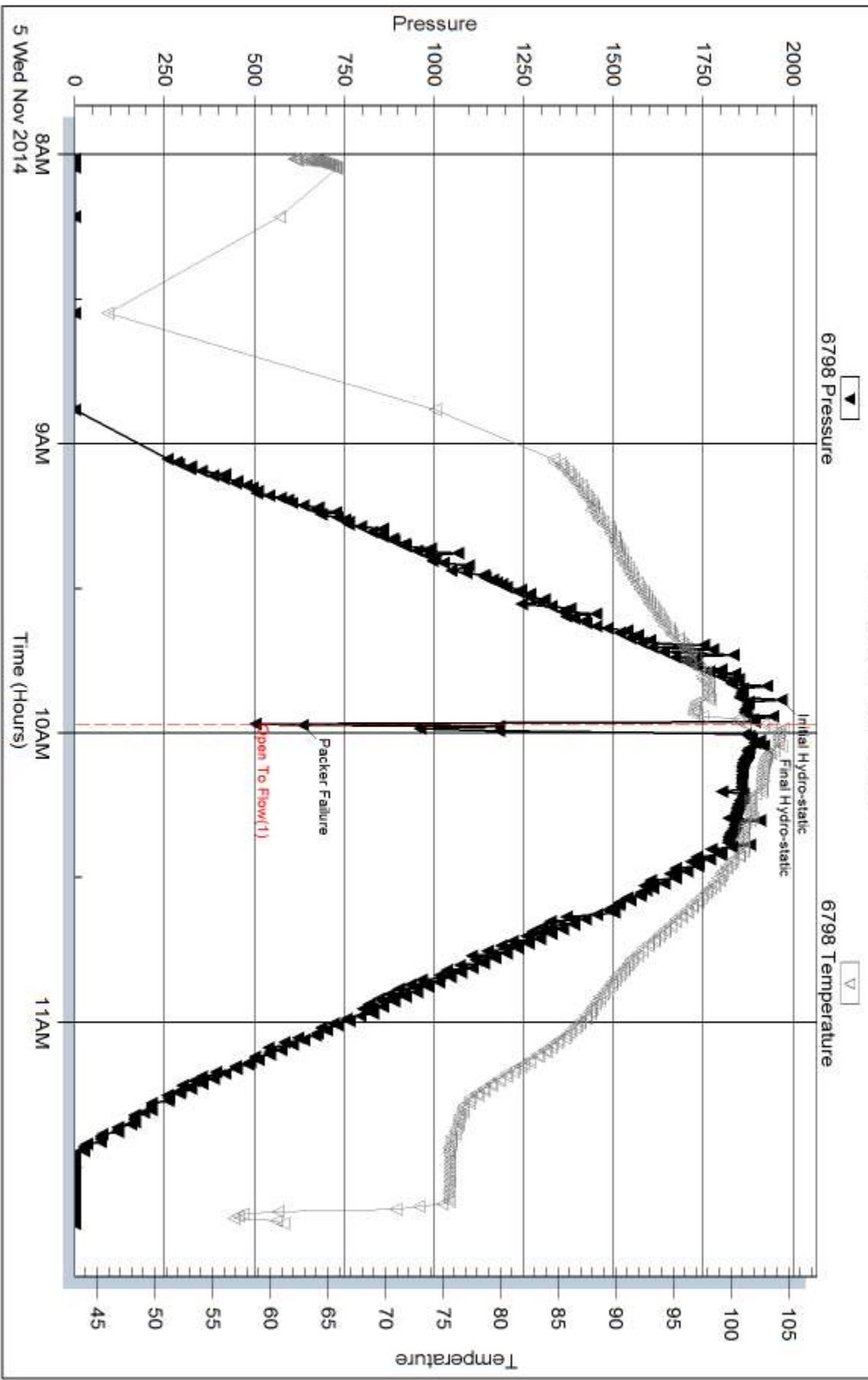
Inside

F.G.Holl Company L.L.C.

Scott Clark Jr #2-25

DST Test Number: 5

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 59878

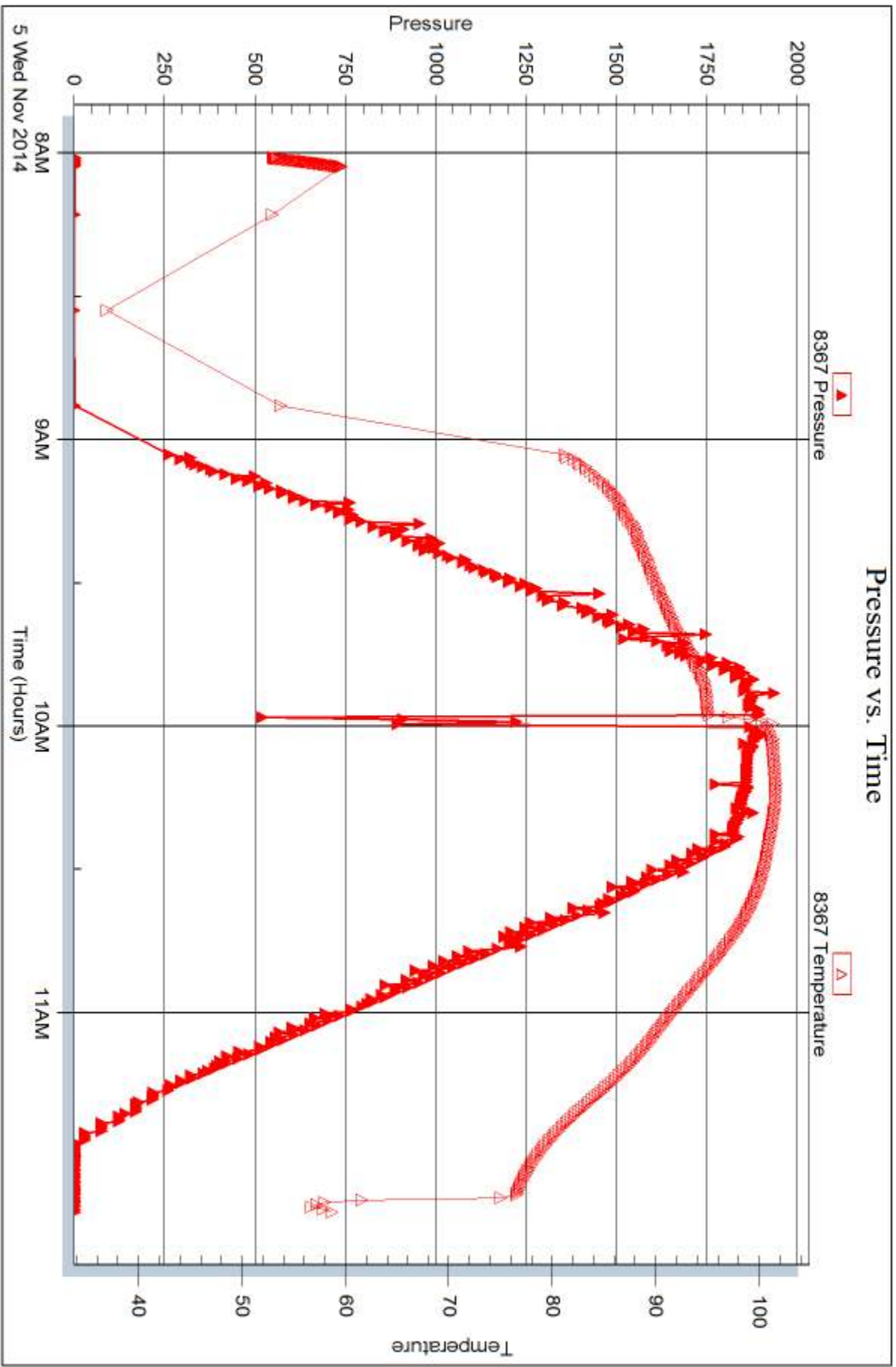
Printed: 2014.11.12 @ 09:59:09

Serial #: 8367

Outside F.G.Holl Company L.L.C.

Scott Clark Jr #2-25

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 59878

Printed: 2014.11.12 @ 09:59:09



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita,KS 67206-2563

ATTN: Renee Husted

Scott Clark Jr #2-25

25-20s-16w Pawnee,KS

Start Date: 2014.11.05 @ 12:00:21

End Date: 2014.11.05 @ 18:40:06

Job Ticket #: 59879 DST #: 6

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.12 @ 09:58:44



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59879

DST#: 6

ATTN: Renee Husted

Test Start: 2014.11.05 @ 12:00:21

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:14:21

Time Test Ended: 18:40:06

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 3769.00 ft (KB) To 3780.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3780.00 ft (KB) (TVD)

2027.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press@RunDepth: 330.91 psig @ 3770.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.05

End Date:

2014.11.05

Last Calib.:

2014.11.05

Start Time: 12:00:22

End Time:

18:40:06

Time On Btm:

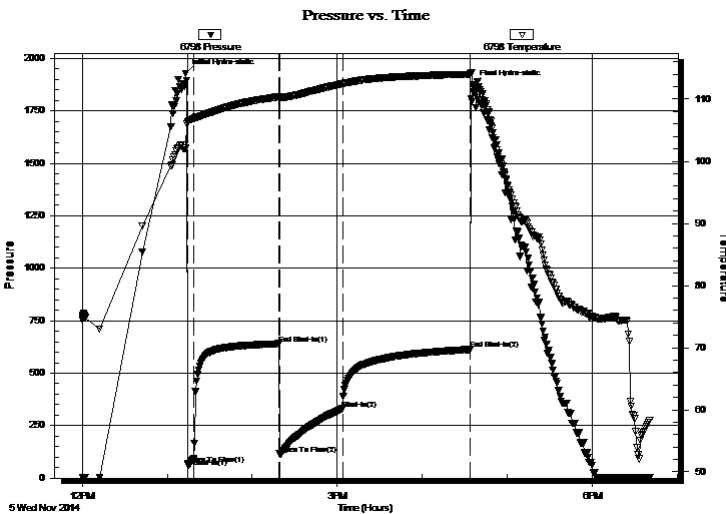
2014.11.05 @ 13:13:06

Time Off Btm:

2014.11.05 @ 16:35:51

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes
IS: Weak Surface Blow Back
FF: Strong Blow , BOB in 3 minutes
FS: 1" Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1928.83	102.12	Initial Hydro-static
2	67.94	106.14	Open To Flow (1)
6	92.48	106.83	Shut-In(1)
66	640.43	110.38	End Shut-In(1)
67	112.32	110.22	Open To Flow (2)
111	330.91	112.45	Shut-In(2)
201	613.11	114.01	End Shut-In(2)
203	1876.71	111.23	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	650 GIP	0.00
434.00	Water	6.09
248.00	OMCW 8%O 10%M 82%W	3.48
30.00	GWOCM 5%G 20%W 30%O 45%M	0.42

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59879

DST#: 6

ATTN: Renee Husted

Test Start: 2014.11.05 @ 12:00:21

Tool Information

Drill Pipe:	Length: 3755.00 ft	Diameter: 3.80 inches	Volume: 52.67 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 3.80 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 52.67 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3769.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	32.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3753.00	
Hydraulic tool	5.00			3758.00	
Jars	5.00			3763.00	
Safety Joint	2.00			3765.00	
Packer	4.00			3769.00	21.00 Bottom Of Top Packer
Stubb	1.00			3770.00	
Recorder	0.00	6798	Inside	3770.00	
Recorder	0.00	8367	Outside	3770.00	
Perforations	7.00			3777.00	
Bullnose	3.00			3780.00	11.00 Anchor Tool
Total Tool Length:	32.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59879

DST#: 6

ATTN: Renee Hustead

Test Start: 2014.11.05 @ 12:00:21

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 40.00 sec/qt
Water Loss: 15.93 in³
Resistivity: ohm.m
Salinity: 57000.00 ppm
Filter Cake: inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 40000 ppm

Recovery Information

Recovery Table

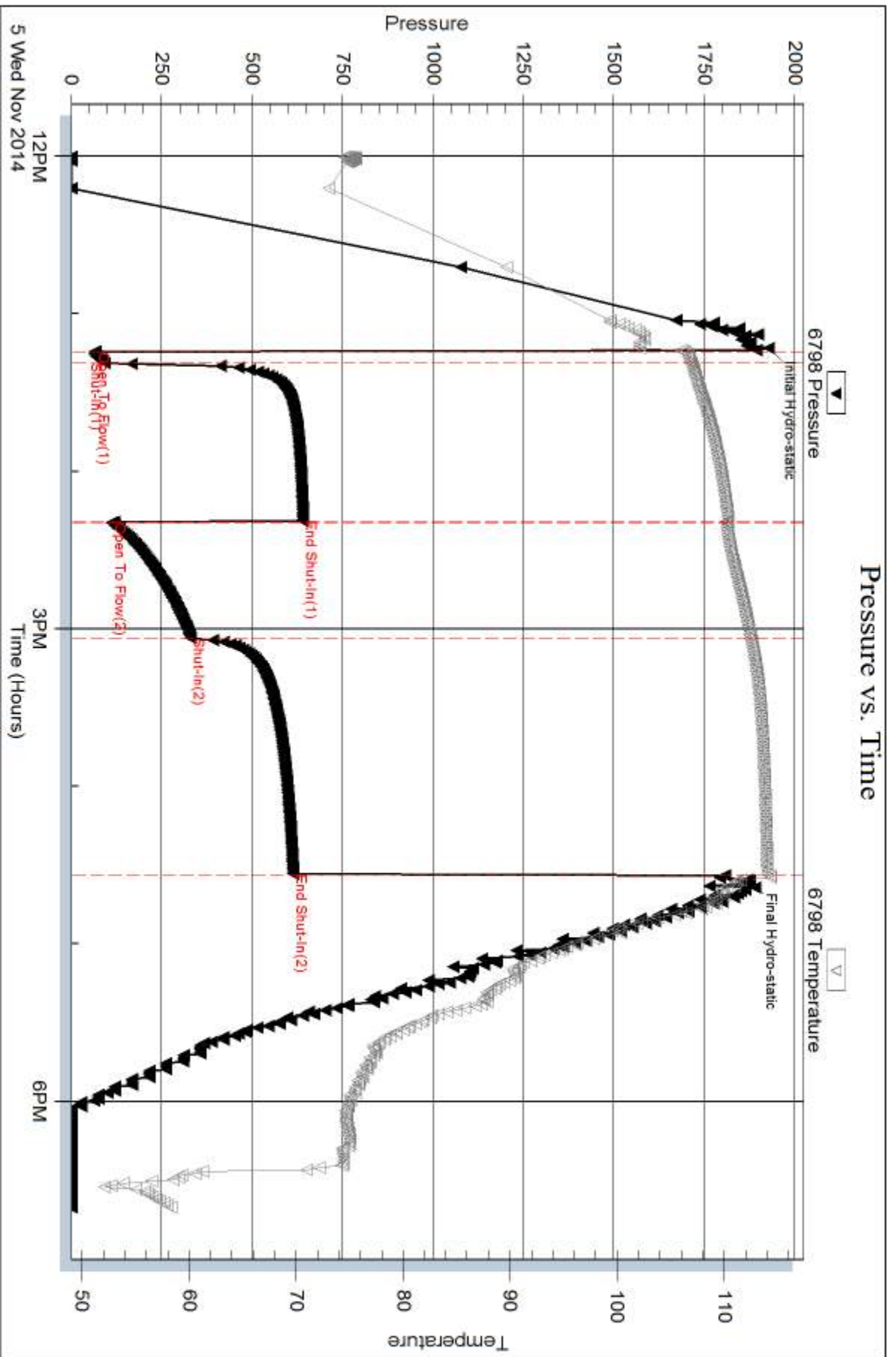
Length ft	Description	Volume bbl
0.00	650 GIP	0.000
434.00	Water	6.088
248.00	OMCW 8%O 10%M 82%W	3.479
30.00	GWOCM 5%G 20%W 30%O 45%M	0.421

Total Length: 712.00 ft Total Volume: 9.988 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: RW w as .2 @ 63 degrees

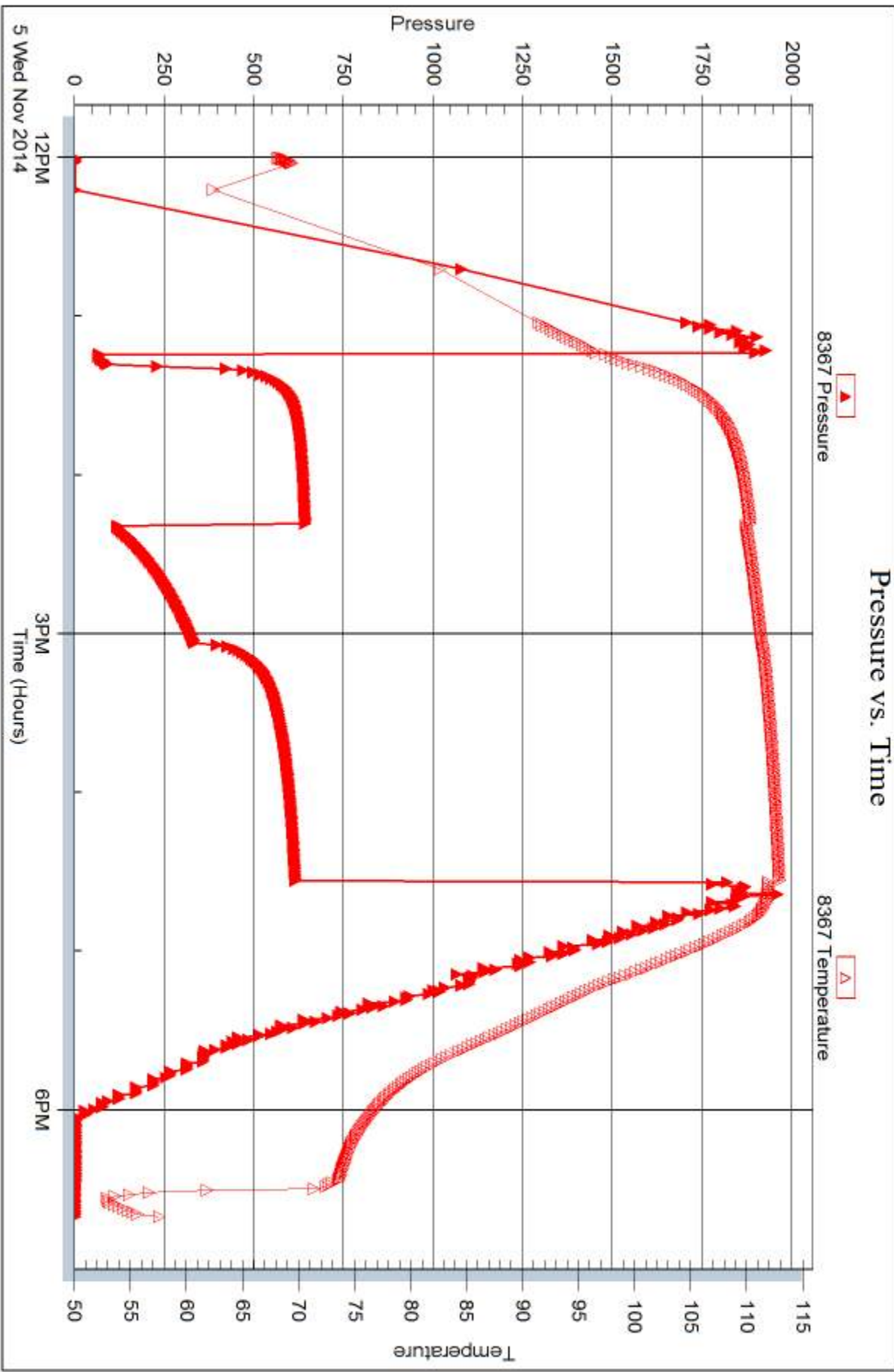


Serial #: 8367

Outside F.G.Holl Company L.L.C.

Scott Clark Jr #2-25

DST Test Number: 6



Triobite Testing, Inc

Ref. No: 59879

Printed: 2014.11.12 @ 09:58:45



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, KS 67206-2563

ATTN: Renee Husted

Scott Clark Jr #2-25

25-20s-16w Pawnee,KS

Start Date: 2014.11.06 @ 01:18:40

End Date: 2014.11.06 @ 09:16:25

Job Ticket #: 59880 DST #: 7

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.12 @ 09:58:20



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee, KS

9431 East Central Suite 100
Wichita, KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59880

DST#: 7

ATTN: Renee Husted

Test Start: 2014.11.06 @ 01:18:40

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:49:25

Time Test Ended: 09:16:25

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 3780.00 ft (KB) To 3790.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3790.00 ft (KB) (TVD)

2027.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press@RunDepth: 900.37 psig @ 3781.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.06

End Date:

2014.11.06

Last Calib.:

2014.11.06

Start Time: 01:18:41

End Time:

09:16:25

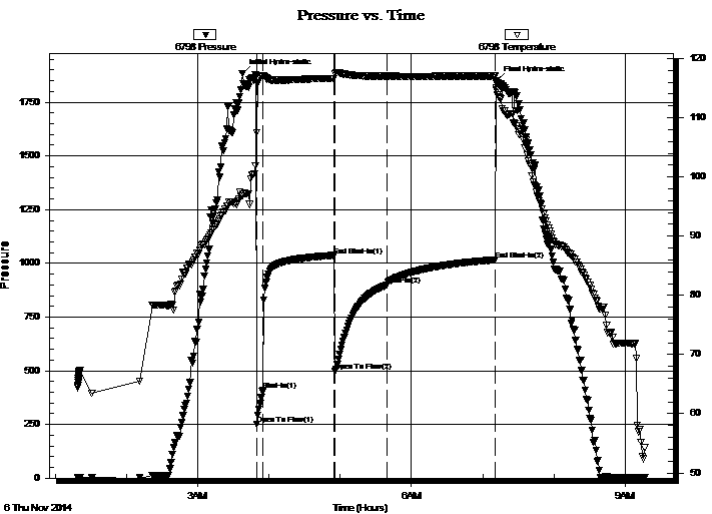
Time On Btm:

2014.11.06 @ 03:37:25

Time Off Btm:

2014.11.06 @ 07:11:40

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds
IS: Weak Surface Blow Back
FF: Strong Blow , BOB in 30 seconds
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1884.77	96.77	Initial Hydro-static
12	252.54	107.49	Open To Flow (1)
18	410.30	117.13	Shut-In(1)
77	1037.30	116.67	End Shut-In(1)
78	496.21	117.44	Open To Flow (2)
122	900.37	117.02	Shut-In(2)
214	1016.04	117.02	End Shut-In(2)
215	1852.25	114.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2046.00	Water	28.70

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59880

DST#: 7

ATTN: Renee Husted

Test Start: 2014.11.06 @ 01:18:40

Tool Information

Drill Pipe:	Length: 3786.00 ft	Diameter: 3.80 inches	Volume: 53.11 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 3.80 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 53.11 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3780.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	31.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3764.00	
Hydraulic tool	5.00			3769.00	
Jars	5.00			3774.00	
Safety Joint	2.00			3776.00	
Packer	4.00			3780.00	21.00 Bottom Of Top Packer
Stubb	1.00			3781.00	
Recorder	0.00	6798	Inside	3781.00	
Recorder	0.00	8367	Outside	3781.00	
Perforations	6.00			3787.00	
Bullnose	3.00			3790.00	10.00 Anchor Tool
Total Tool Length:	31.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59880

DST#: 7

ATTN: Renee Husted

Test Start: 2014.11.06 @ 01:18:40

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:

48000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbf

Water Loss: 15.93 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 57000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
2046.00	Water	28.700

Total Length: 2046.00 ft Total Volume: 28.700 bbf

Num Fluid Samples: 0

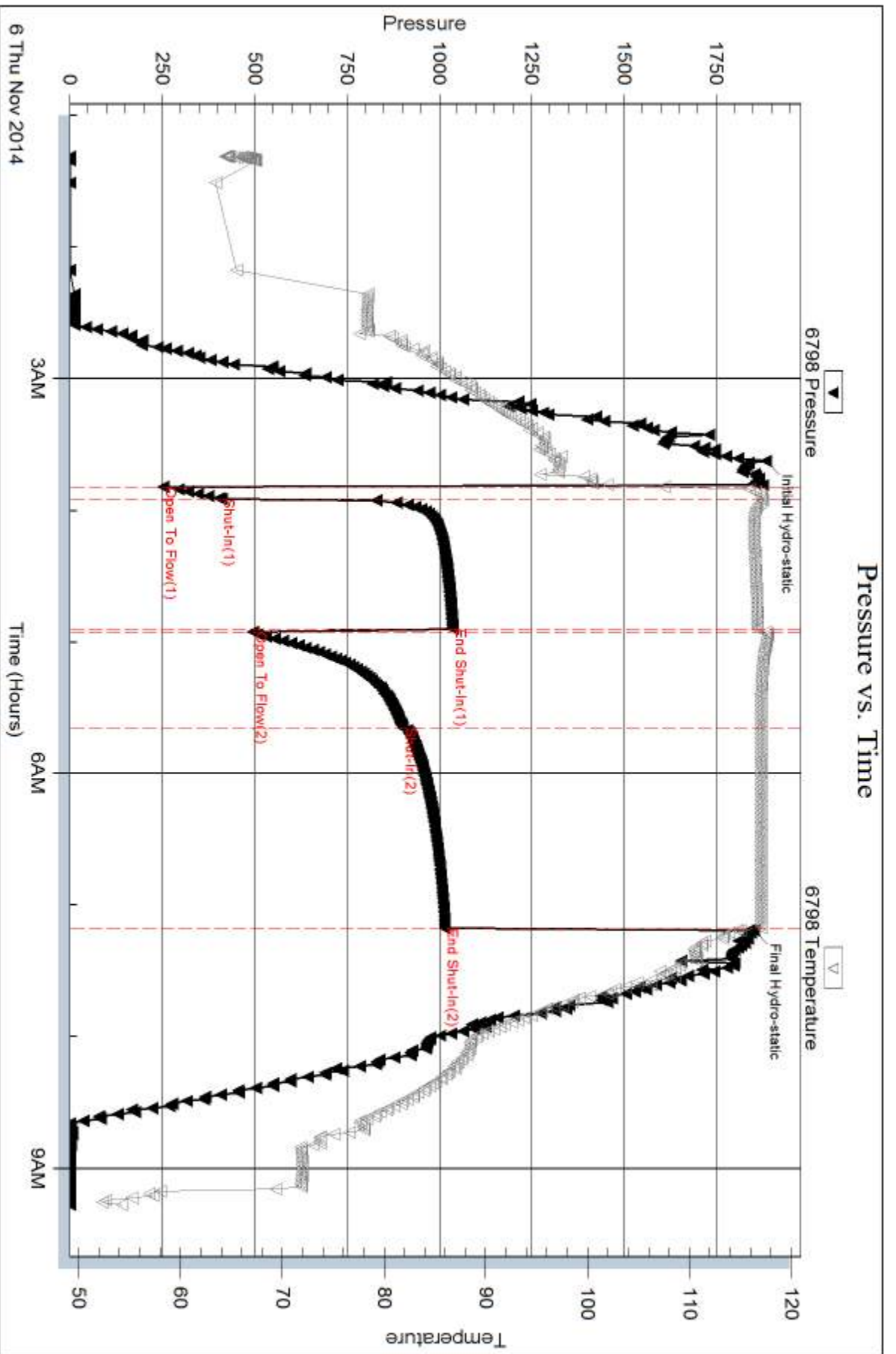
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .26 @ 52 degrees

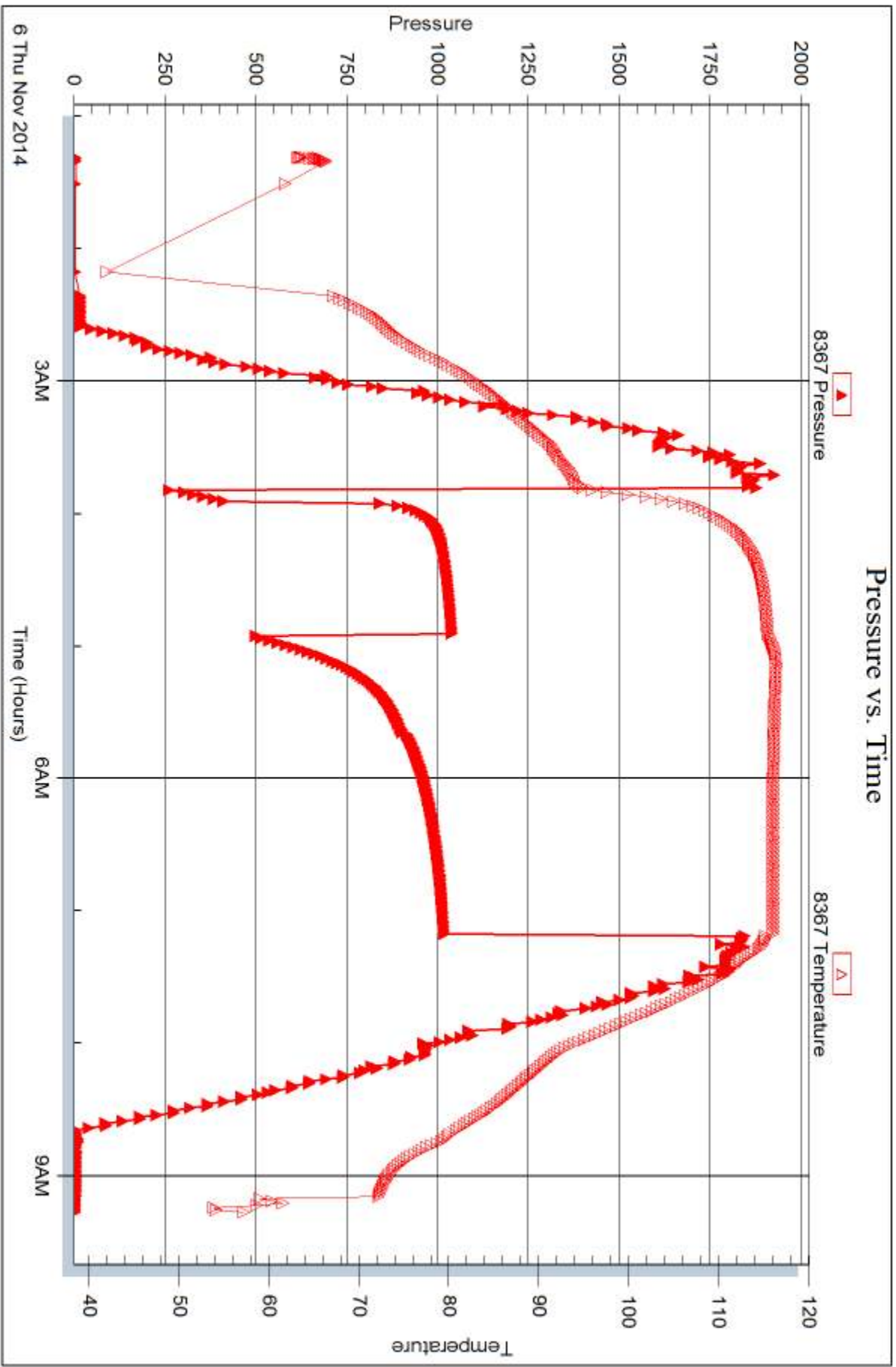


Serial #: 8367

Outside F.G.Holl Company L.L.C.

Scott Clark Jr #2-25

DST Test Number: 7



Trilobite Testing, Inc

Ref. No: 59880

Printed: 2014.11.12 @ 09:58:21



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita,KS 67206-2563

ATTN: Renee Husted

Scott Clark Jr #2-25

25-20s-16w Pawnee,KS

Start Date: 2014.11.06 @ 16:03:32

End Date: 2014.11.06 @ 23:24:17

Job Ticket #: 59881 DST #: 8

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.12 @ 09:57:56



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee, KS

9431 East Central Suite 100
Wichita, KS 67206-2563

Scott Clark Jr #2-25

ATTN: Renee Husted

Job Ticket: 59881

DST#: 8

Test Start: 2014.11.06 @ 16:03:32

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:15:02

Time Test Ended: 23:24:17

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 3790.00 ft (KB) To 3805.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3805.00 ft (KB) (TVD)

2027.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press@RunDepth: 1108.29 psig @ 3791.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.06

End Date:

2014.11.06

Last Calib.:

2014.11.06

Start Time: 16:03:33

End Time:

23:24:17

Time On Btm:

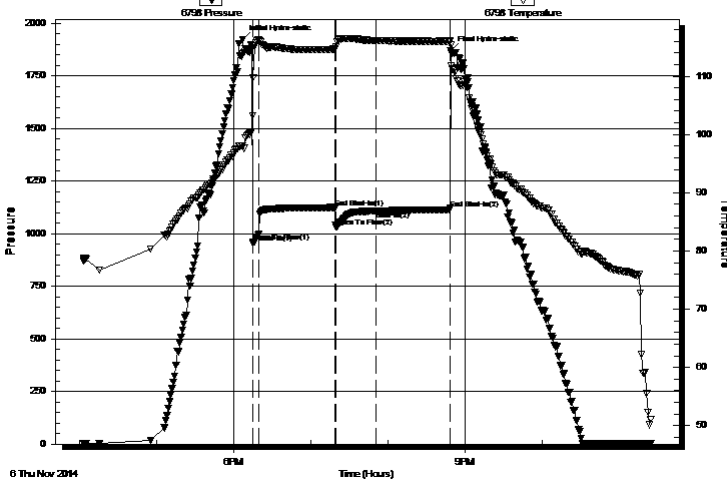
2014.11.06 @ 18:07:17

Time Off Btm:

2014.11.06 @ 20:48:47

TEST COMMENT: IF: Strong Blow , BOB in 20 seconds
IS: Weak Surface Blow Back
FF: Strong Blow , BOB in 20 seconds
FS: No Blow Back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1923.27	98.11	Initial Hydro-static
8	958.68	103.27	Open To Flow (1)
13	996.36	116.24	Shut-In(1)
72	1124.12	114.63	End Shut-In(1)
73	1032.75	115.00	Open To Flow (2)
104	1108.29	116.12	Shut-In(2)
161	1119.30	116.01	End Shut-In(2)
162	1871.10	115.35	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2294.00	Water	32.18
206.00	GMCW 2%G 20%M 78% Water	2.89

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59881

DST#: 8

ATTN: Renee Husted

Test Start: 2014.11.06 @ 16:03:32

Tool Information

Drill Pipe:	Length: 3786.00 ft	Diameter: 3.80 inches	Volume: 53.11 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 3.80 inches	Volume: 0.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 53.11 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3790.00 ft			Final 72000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3774.00	
Hydraulic tool	5.00			3779.00	
Jars	5.00			3784.00	
Safety Joint	2.00			3786.00	
Packer	4.00			3790.00	21.00 Bottom Of Top Packer
Stubb	1.00			3791.00	
Recorder	0.00	6798	Inside	3791.00	
Recorder	0.00	8367	Outside	3791.00	
Perforations	11.00			3802.00	
Bullnose	3.00			3805.00	15.00 Anchor Tool
Total Tool Length:	36.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59881

DST#: 8

ATTN: Renee Husted

Test Start: 2014.11.06 @ 16:03:32

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:

40000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 15.93 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 57000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
2294.00	Water	32.179
206.00	GMCW 2%G 20%M 78% Water	2.890

Total Length: 2500.00 ft Total Volume: 35.069 bbl

Num Fluid Samples: 0

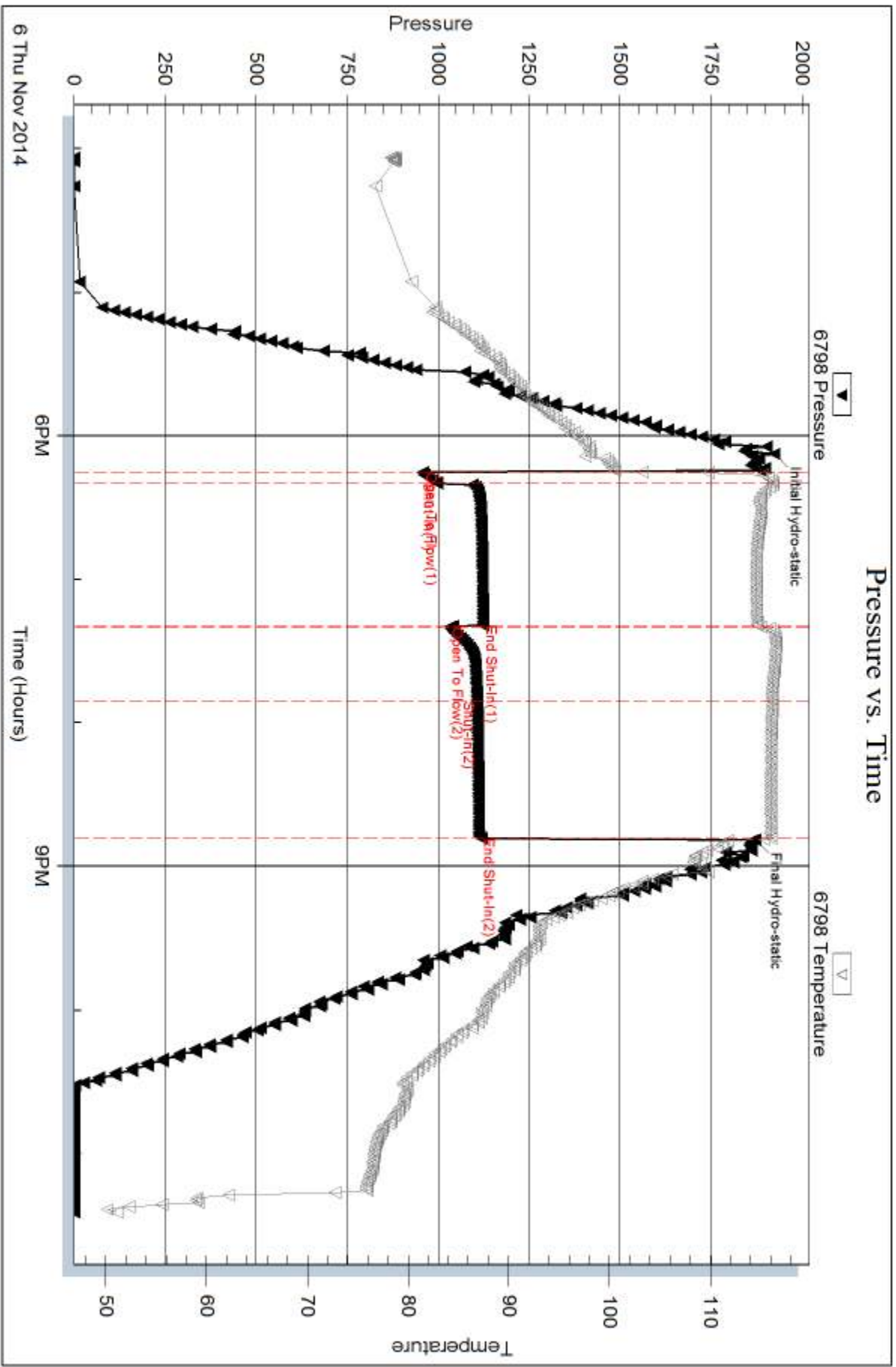
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .21 @ 60 degrees

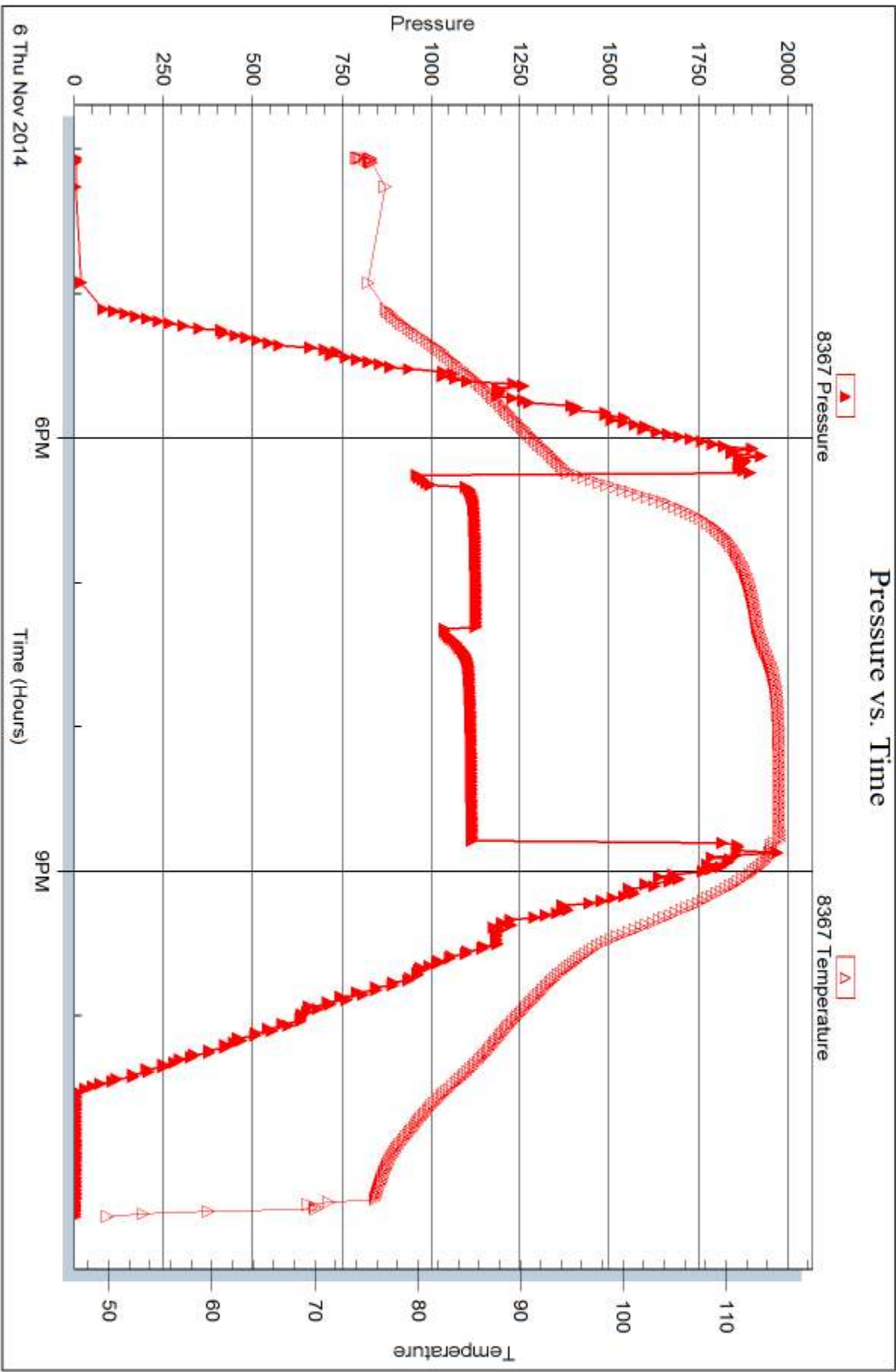


Serial #: 8367

Outside F.G.Holl Company L.L.C.

Scott Clark Jr #2-25

DST Test Number: 8





DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita, KS 67206-2563

ATTN: Renee Husted

Scott Clark Jr #2-25

25-20s-16w Pawnee,KS

Start Date: 2014.11.07 @ 10:56:26

End Date: 2014.11.07 @ 17:13:11

Job Ticket #: 59882 DST #: 9

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.12 @ 09:57:21



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59882

DST#: 9

ATTN: Renee Husted

Test Start: 2014.11.07 @ 10:56:26

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:29:56

Time Test Ended: 17:13:11

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 74

Interval: 3810.00 ft (KB) To 3820.00 ft (KB) (TVD)

Reference Elevations: 2035.00 ft (KB)

Total Depth: 3820.00 ft (KB) (TVD)

2027.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 6798

Inside

Press@RunDepth: 573.23 psig @ 3811.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.11.07

End Date:

2014.11.07

Last Calib.:

2014.11.07

Start Time:

10:56:27

End Time:

17:13:11

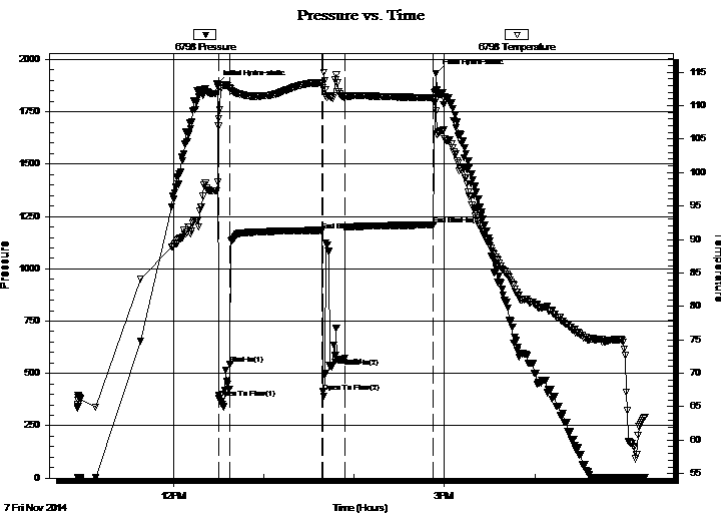
Time On Btm:

2014.11.07 @ 12:28:41

Time Off Btm:

2014.11.07 @ 14:54:26

TEST COMMENT: IF: Strong Blow , BOB in 45 seconds
IS: Weak Surface Blow Back
FF: Strong Blow , BOB in 1 minnute, Approx 6 minutes in tool slid 4'
FS: 1" Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1881.49	97.22	Initial Hydro-static
2	380.63	106.93	Open To Flow (1)
9	543.16	112.53	Shut-In(1)
70	1183.36	113.39	End Shut-In(1)
71	412.71	112.71	Open To Flow (2)
73	501.28	112.34	Tool slid
86	573.23	111.24	Shut-In(2)
144	1209.15	111.16	End Shut-In(2)
146	1933.54	109.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	114 GIP	0.00
62.00	Water	0.87
186.00	Mud	2.61
620.00	Water	8.70
320.00	OMCW 5%O 30%M 65%W	4.49

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59882

DST#: 9

ATTN: Renee Husted

Test Start: 2014.11.07 @ 10:56:26

Tool Information

Drill Pipe:	Length: 3817.00 ft	Diameter: 3.80 inches	Volume: 53.54 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 3.80 inches	Volume: 0.00 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 53.54 bbl</u>	Tool Chased 9.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3810.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	31.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3794.00	
Hydraulic tool	5.00			3799.00	
Jars	5.00			3804.00	
Safety Joint	2.00			3806.00	
Packer	4.00			3810.00	21.00 Bottom Of Top Packer
Stubb	1.00			3811.00	
Recorder	0.00	6798	Inside	3811.00	
Recorder	0.00	8367	Outside	3811.00	
Perforations	6.00			3817.00	
Bullnose	3.00			3820.00	10.00 Anchor Tool
Total Tool Length:	31.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59882

DST#: 9

ATTN: Renee Husted

Test Start: 2014.11.07 @ 10:56:26

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:

38000 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	114 GIP	0.000
62.00	Water	0.870
186.00	Mud	2.609
620.00	Water	8.697
320.00	OMCW 5%O 30%M 65%W	4.489

Total Length: 1188.00 ft Total Volume: 16.665 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

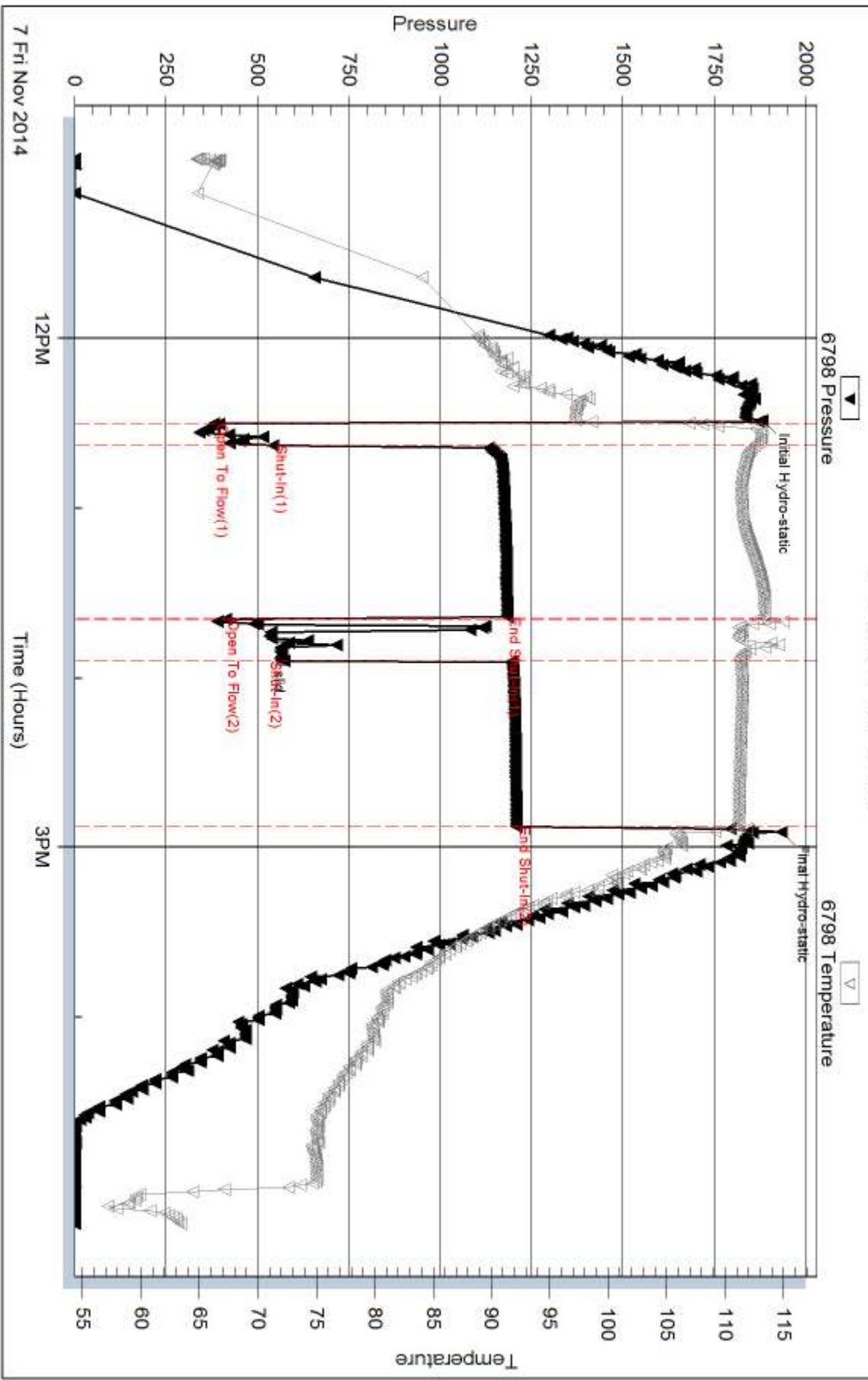
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .19 @ 70 degrees

Pressure vs. Time

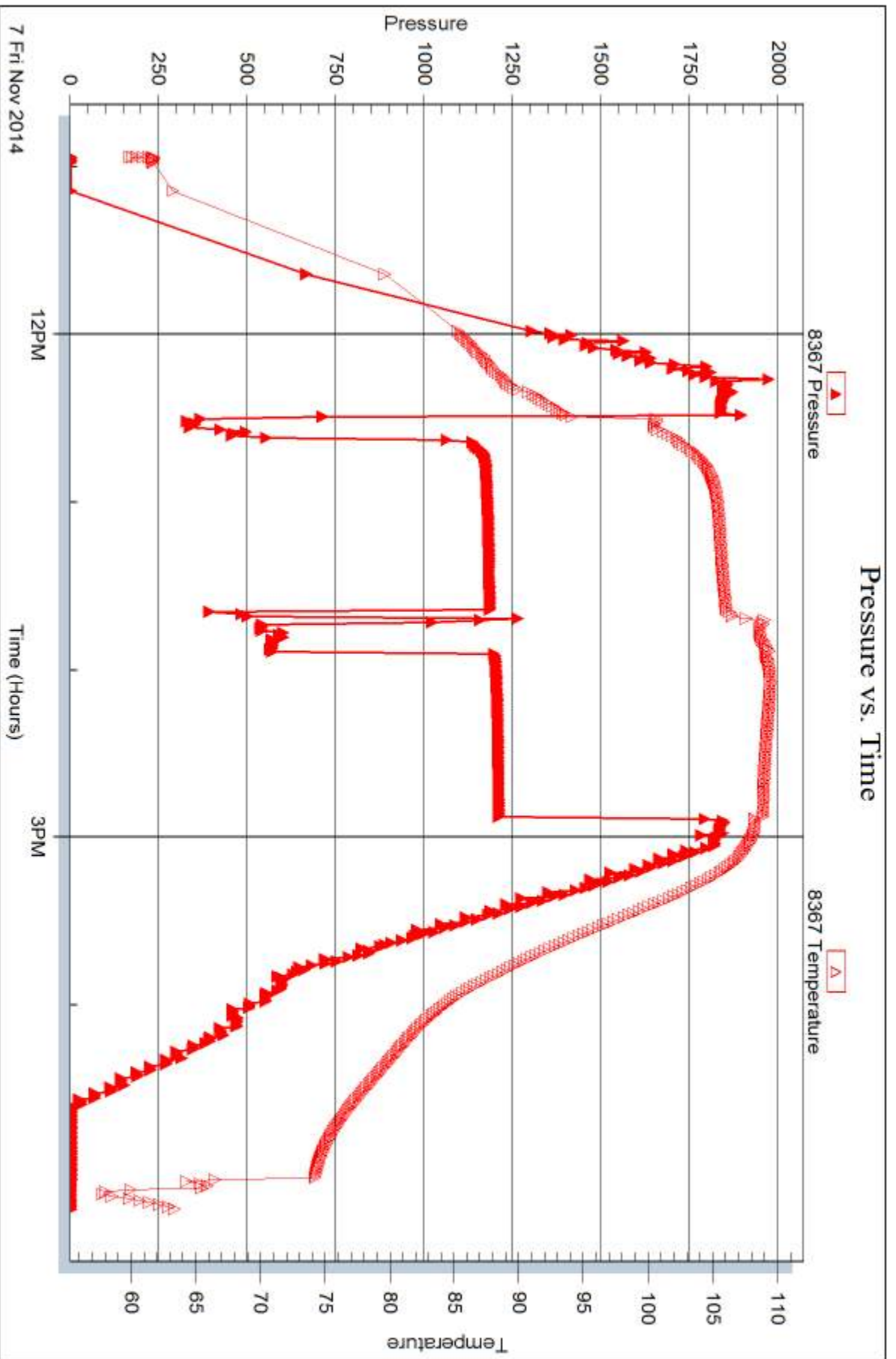


Serial #: 8367

Outside F.G.Holl Company L.L.C.

Scott Clark Jr #2-25

DST Test Number: 9



Triobite Testing, Inc

Ref. No: 59882

Printed: 2014.11.12 @ 09:57:22



DRILL STEM TEST REPORT

Prepared For: **F.G.Holl Company L.L.C.**

9431 East Central Suite 100
Wichita,KS 67206-2563

ATTN: Renee Husted

Scott Clark Jr #2-25

25-20s-16w Pawnee,KS

Start Date: 2014.11.08 @ 00:38:48

End Date: 2014.11.08 @ 08:14:33

Job Ticket #: 59883 DST #: 10

Trilobite Testing, Inc
1515 Commerce Parkway Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2014.11.12 @ 09:56:55

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

Scott Clark Jr #2-25

DST # 10

Arbuckle

2014.11.08



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

F.G.Holl Company L.L.C.

25-20s-16w Pawnee, KS

9431 East Central Suite 100
Wichita, KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59883

DST#: 10

ATTN: Renee Husted

Test Start: 2014.11.08 @ 00:38:48

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 03:22:03
 Tester: Leal Cason
 Time Test Ended: 08:14:33
 Unit No: 74
 Interval: **3810.00 ft (KB) To 3825.00 ft (KB) (TVD)**
 Reference Elevations: 2035.00 ft (KB)
 Total Depth: 3825.00 ft (KB) (TVD)
 2027.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 8.00 ft

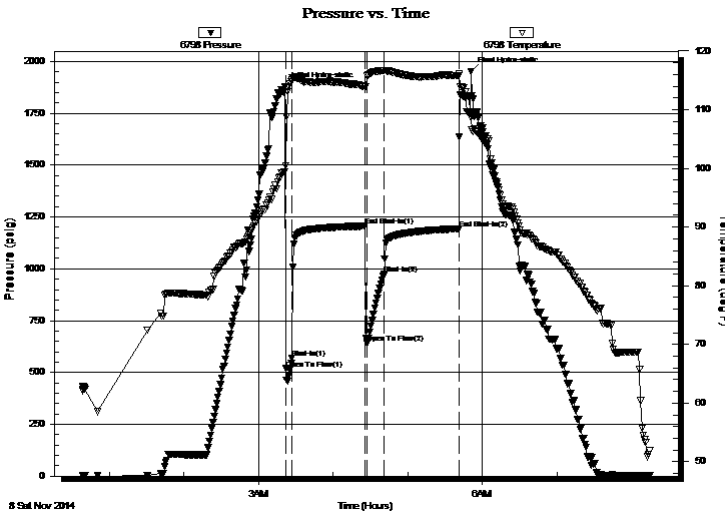
Serial #: 6798

Inside

Press@RunDepth: 975.48 psig @ 3811.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2014.11.08 End Date: 2014.11.08 Last Calib.: 2014.11.08
 Start Time: 00:38:49 End Time: 08:14:33 Time On Btm: 2014.11.08 @ 03:21:33
 Time Off Btm: 2014.11.08 @ 05:51:03

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds
 IS: Weak Surface Blow Back
 FF: Strong Blow , BOB in 30 seconds
 FS: No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1876.62	99.40	Initial Hydro-static
1	517.74	100.49	Open To Flow (1)
6	569.39	115.07	Shut-In(1)
65	1206.11	113.98	End Shut-In(1)
66	641.08	115.73	Open To Flow (2)
80	975.48	116.67	Shut-In(2)
140	1193.41	115.82	End Shut-In(2)
150	1952.49	108.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2046.00	Water	28.70
72.00	SOMCW 5%O 5%M 90%W	1.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59883

DST#: 10

ATTN: Renee Husted

Test Start: 2014.11.08 @ 00:38:48

Tool Information

Drill Pipe:	Length: 3817.00 ft	Diameter: 3.80 inches	Volume: 53.54 bbl	Tool Weight: 2000.00 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: 0.00 ft	Diameter: 3.80 inches	Volume: 0.00 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 53.54 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3810.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.00 ft			
Tool Length:	36.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3794.00	
Hydraulic tool	5.00			3799.00	
Jars	5.00			3804.00	
Safety Joint	2.00			3806.00	
Packer	4.00			3810.00	21.00 Bottom Of Top Packer
Stubb	1.00			3811.00	
Recorder	0.00	6798	Inside	3811.00	
Recorder	0.00	8367	Outside	3811.00	
Perforations	11.00			3822.00	
Bullnose	3.00			3825.00	15.00 Anchor Tool
Total Tool Length:	36.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

F.G.Holl Company L.L.C.

25-20s-16w Pawnee,KS

9431 East Central Suite 100
Wichita,KS 67206-2563

Scott Clark Jr #2-25

Job Ticket: 59883

DST#: 10

ATTN: Renee Husted

Test Start: 2014.11.08 @ 00:38:48

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:

36000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 15.93 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 57000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2046.00	Water	28.700
72.00	SOMCW 5%O 5%M 90%W	1.010

Total Length: 2118.00 ft Total Volume: 29.710 bbl

Num Fluid Samples: 0

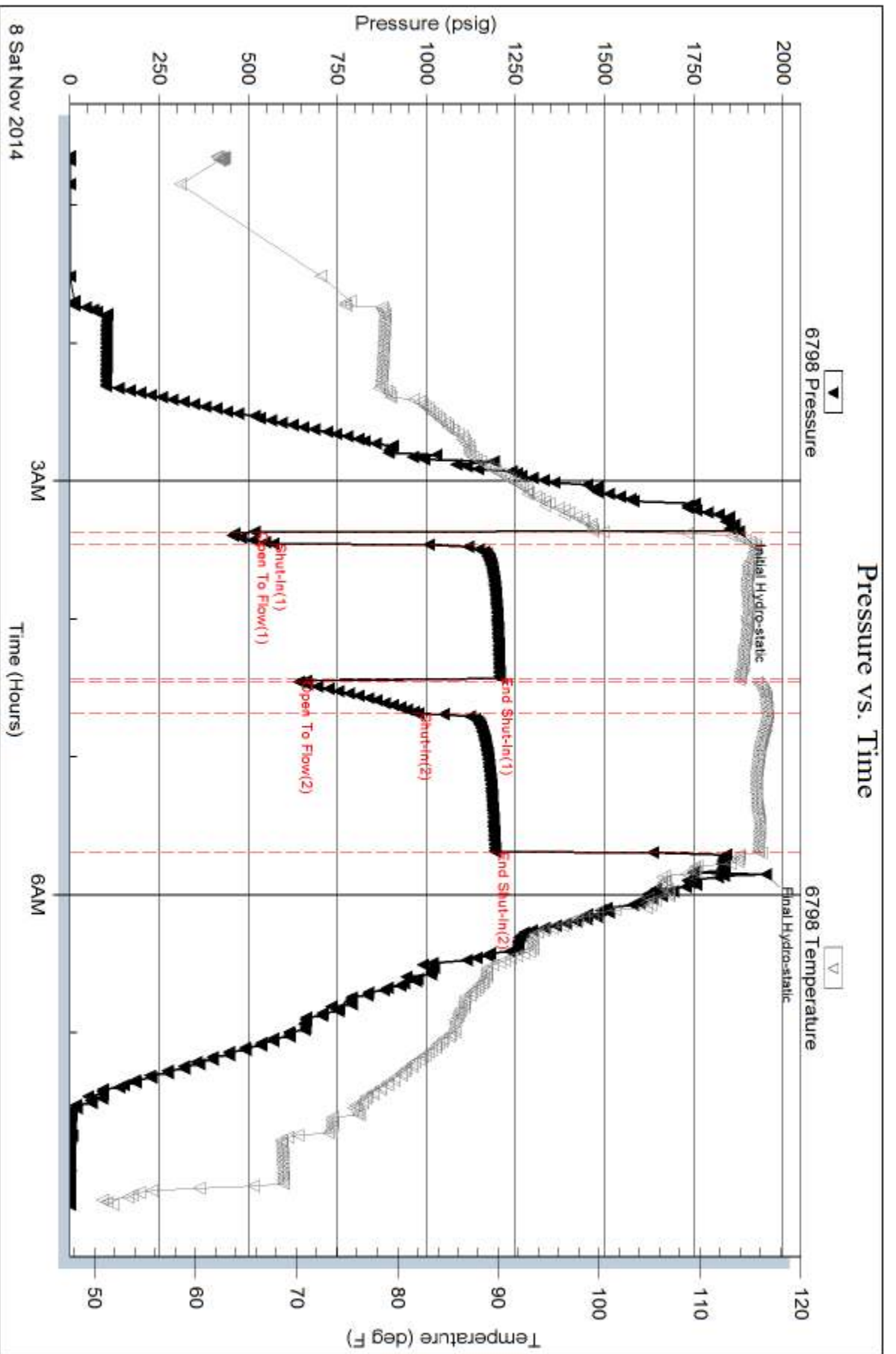
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .35 @ 40 degrees

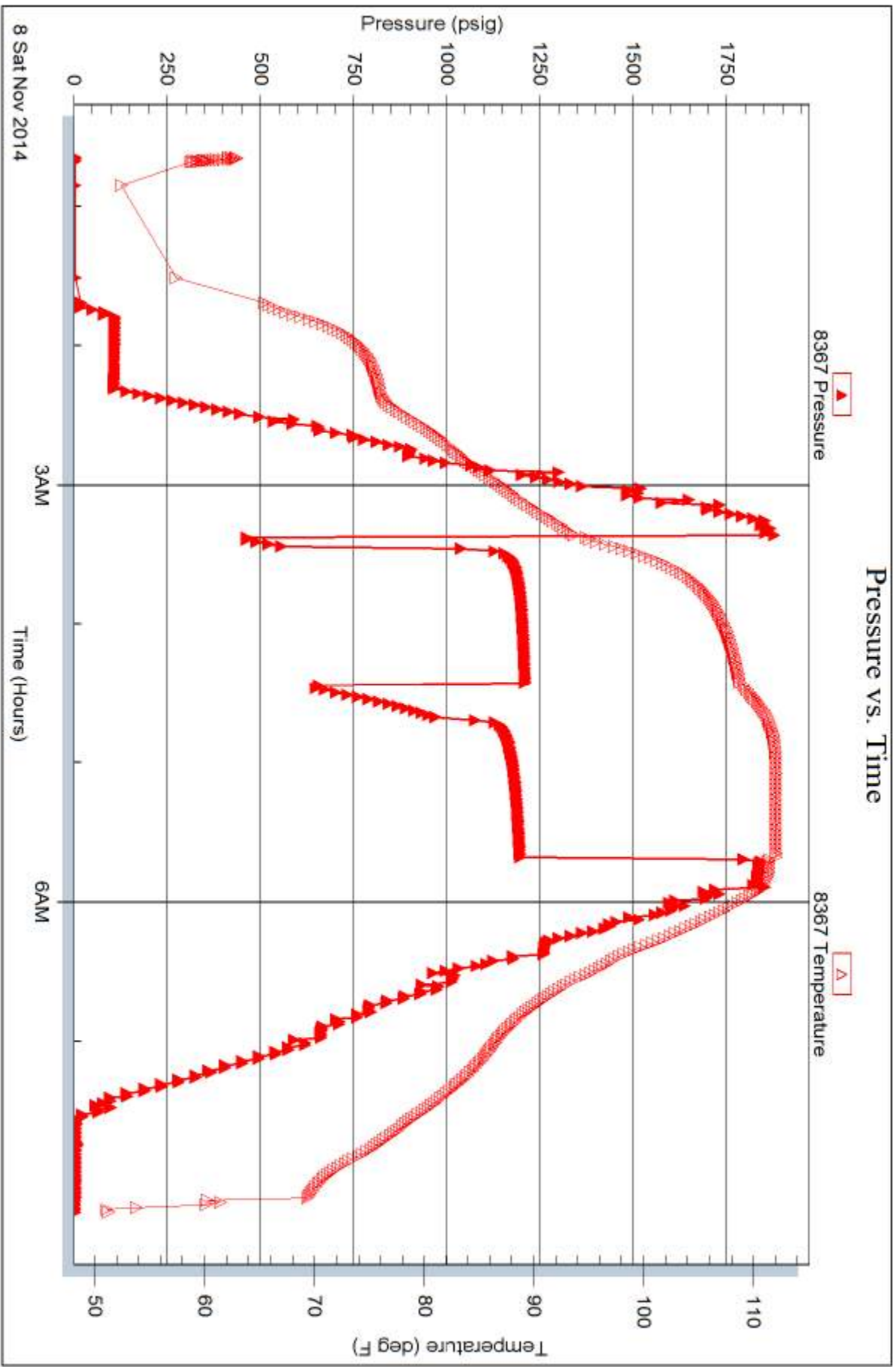


Serial #: 8367

Outside F.G.Holl Company L.L.C.

Scott Clark Jr #2-25

DST Test Number: 10



Trilobite Testing, Inc

Ref. No: 59883

Printed: 2014.11.12 @ 09:56:56



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 60391

Well Name & No. Scott Clark Jr GST Trust #2-25 Test No. 1 Date 10-30-14
 Company F.G. Holl Company LLC Elevation 2035 KB 2027 GL
 Address 9431 East Central Suite 100 Wichita Kansas 67206-2563
 Co. Rep / Geo. Reverie Hustad Rig _____
 Location: Sec. 25 Twp. 20^s Rge. 16^w Co. Palouse State _____

Interval Tested 1945-2015 Zone Tested HERRINGTON-KRIDER
 Anchor Length 70 Drill Pipe Run 1907 Mud Wt. 8.9
 Top Packer Depth 1940 Drill Collars Run NONE Vis 44
 Bottom Packer Depth 1945 Wt. Pipe Run NONE WL 14.4
 Total Depth 2015 Chlorides 24,500 ppm System LCM 0
 Blow Description 1st Good blow bob in 1 minute
2nd Strong blow bob in 1 second - Gas to surface in 3 minutes

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>Drilling Mud</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 90 BHT 82 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic 961 Test 1150 T-On Location 1:40 P.M.
 (B) First Initial Flow 64 Jars 250 T-Started 2:02 P.M.
 (C) First Final Flow 42 Safety Joint 75 T-Open 3:20 P.M.
 (D) Initial Shut-In 565 Circ Sub _____ T-Pulled 7:40 ~~6:25~~ P.M.
 (E) Second Initial Flow 47 Hourly Standby _____ T-Out _____
 (F) Second Final Flow 63 Mileage 36 55.80 Comments REVERSED TOOL
 (G) Final Shut-In 543 Sampler _____ ON 2ND SHUT-IN to
 (H) Final Hydrostatic 919 Straddle _____ Get A GAS SAMPLE
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1530.80
 MP/DST Disc't _____

Initial Open 5
 Initial Shut-In 60
 Final Flow 60 90
 Final Shut-In 60 100

Sub Total 1530.80

Approved By _____

Our Representative Sene Bedig

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. 60392

4/10

Well Name & No. Scott CLARK JR GST TRUST # 228 Test No. 2 Date 10-31-14
 Company F.C. HOLL COMPANY LLC Elevation 2035 KB 2027 GL
 Address 9431 EAST CENTRAL SUITE 100 WICHITA KANSAS 67206-2563
 Co. Rep / Geo. RENEE MUSTEAD Rig DUKE DRILLING RIG #2
 Location: Sec. 25 Twp. 20^S Rge. 16^W Co. PAWNEE State _____

Interval Tested 2292-2340 Zone Tested CROUSE
 Anchor Length 48 Drill Pipe Run 2275 Mud Wt. 9.3
 Top Packer Depth 2287 Drill Collars Run NONE Vis 40
 Bottom Packer Depth 2292 Wt. Pipe Run NONE WL 16.0
 Total Depth 2340 Chlorides 57000 ppm System LCM 0
 Blow Description 1ST OPEN - WEAK SURFACE BLOW
2ND OPEN - WEAK SURFACE BLOW

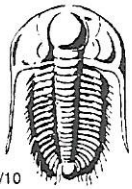
Rec	Feet of	%gas	%oil	%water	%mud
<u>125</u>	<u>Slightly Gas cut mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1210 Test 1150 T-On Location 12:30 P.M.
 (B) First Initial Flow 67 Jars 250 T-Started 12:45 P.M.
 (C) First Final Flow 64 Safety Joint 75 T-Open 1:46 P.M.
 (D) Initial Shut-In 611 Circ Sub NONE T-Pulled 3:16 P.M.
 (E) Second Initial Flow 89 Hourly Standby _____ T-Out 4:40 P.M.
 (F) Second Final Flow 95 Mileage 36 55.80 Comments _____
 (G) Final Shut-In 638 Sampler _____
 (H) Final Hydrostatic 1142 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 15 Extra Recorder _____ Sub Total 0
 Initial Shut-In 30 Day Standby _____ Total 1530.80
 Final Flow 15 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 30 Sub Total 1530.80

Approved By _____ Our Representative Gene Judy

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. 59876

Well Name & No. Scott Clark JR Trust 2-25 Test No. 3 Date 11/04/14
 Company FG Holl Company Elevation 2035 KB 2027 GL
 Address 9431 E. Central Ste 100 Wichita, KS 67206
 Co. Rep / Geo. Renee Husted Rig Duke 2
 Location: Sec. 25 Twp. 20S Rge. 16W Co. Pawnee State KS

Interval Tested 3685 - 3760 Zone Tested Conglomerate
 Anchor Length 75 Drill Pipe Run 3665 Mud Wt. 9.5
 Top Packer Depth 3680 Drill Collars Run 0 Vis 46
 Bottom Packer Depth 3685 Wt. Pipe Run 0 WL 8.8
 Total Depth 3760 Chlorides 4000 ppm System LCM ☐

Blow Description IF: weak 1 inch Blow

ISI: NO Blow Back

FF: weak surface Blow, dead @ 4 minutes

FSI: NO Blow Back

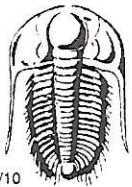
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Mud</u>				

Rec Total 10 BHT 107 Gravity NIC API RW NIC @ NIC °F Chlorides NIC ppm
 (A) Initial Hydrostatic 1903 Test 1150 T-On Location 03:45
 (B) First Initial Flow 22 Jars 250 T-Started 04:16
 (C) First Final Flow 24 Safety Joint 75 T-Open 06:10
 (D) Initial Shut-In 70 Circ Sub _____ T-Pulled 08:25
 (E) Second Initial Flow 25 Hourly Standby _____ T-Out 10:00
 (F) Second Final Flow 25 Mileage 1009 55.80 Comments _____
 (G) Final Shut-In 39 Sampler _____
 (H) Final Hydrostatic 1871 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 60 Extra Recorder _____ Sub Total 0
 Final Flow 15 Day Standby _____ Total 1530.80
 Final Shut-In 30 Accessibility _____ MP/DST Disc't _____
 Sub Total 1530.80

Approved By Renee Husted 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. 59877

Well Name & No. Scott Clark JR Trust 2-25 Test No. 4 Date 11/04/14
 Company F G Holl company Elevation 2035 KB 2027 GL
 Address 9431 E. Central Ste 100 Wichita, KS 67206
 Co. Rep / Geo. Ryan Greenbaum Rig Duke 2
 Location: Sec. 25 Twp. 20S Rge. 16W Co. Pawnee State KS

Interval Tested 3762 - 3770 Zone Tested Arbuckle
 Anchor Length 8 Drill Pipe Run 3755 Mud Wt. 9.5
 Top Packer Depth N/A Drill Collars Run 0 Vis 48
 Bottom Packer Depth 3762 Wt. Pipe Run 0 WL 8.8
 Total Depth 3770 Chlorides 3800 ppm System LCM

Blow Description TF: strong Blow, BOB in 1 minute
ISI: 3 inch Blow Back

FF: strong Blow, BOB in 1 minute

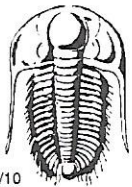
FSD: Blow Back Built to 10 inches, GTS 110 minutes, into shut in

Rec	Feet of	%gas	%oil	%water	%mud
<u>3147</u>	<u>GIP</u>				
<u>422</u>	<u>GCO</u>	<u>20</u>	<u>80</u>		
<u>62</u>	<u>SOMCW</u>		<u>5</u>	<u>90</u>	<u>5</u>
<u>124</u>	<u>Water</u>				
Rec Total	<u>608</u>	BHT	<u>115</u>	Gravity	<u>38.4</u>
		API RW	<u>.27</u>	@	<u>59</u> °F
		Chlorides	<u>38000</u>	ppm	

(A) Initial Hydrostatic	<u>1978</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>16:00</u>
(B) First Initial Flow	<u>89</u>	<input checked="" type="checkbox"/> Jars	<u>250</u>	T-Started	<u>16:20</u>
(C) First Final Flow	<u>91</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>18:10</u>
(D) Initial Shut-In	<u>621</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>22:18</u>
(E) Second Initial Flow	<u>93</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>00:56</u>
(F) Second Final Flow	<u>259</u>	<input checked="" type="checkbox"/> Mileage	<u>(100)</u> 55.80	Comments	<u>Single Packer used</u>
(G) Final Shut-In	<u>592</u>	<input type="checkbox"/> Sampler			<u>Motel</u>
(H) Final Hydrostatic	<u>1939</u>	<input type="checkbox"/> Straddle		<input type="checkbox"/> Ruined Shale Packer	
Initial Open	<u>5</u>	<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>60</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Extra Copies	
Final Flow	<u>60</u>	<input type="checkbox"/> Extra Recorder		Sub Total	<u>0</u>
Final Shut-In	<u>120</u>	<input type="checkbox"/> Day Standby		Total	<u>1530.80</u>
		<input type="checkbox"/> Accessibility		MP/DST Disc't	
		Sub Total	<u>1530.80</u>		

Approved By [Signature] Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59878

Well Name & No. SCOTT CLARK JR TRUST 2-25 Test No. 5 Date 11/05/14
 Company FG HOLL COMPANY Elevation 2035 KB 2027 GL
 Address 9431 E. CENTRAL STE 100 WICHITA, KS 67206
 Co. Rep / Geo. RYAN GREENBAUM Rig DUKE 2
 Location: Sec. 25 Twp. 20S Rge. 16W Co. Pawnee State KS

Interval Tested 3772 - 3780 Zone Tested Arbuckle
 Anchor Length 8 Drill Pipe Run 3755 Mud Wt. 9.6
 Top Packer Depth N/A Drill Collars Run 0 Vis 48
 Bottom Packer Depth 3772 Wt. Pipe Run 0 WL 8.8
 Total Depth 3780 Chlorides 3800 ppm System LCM
 Blow Description IF. Packer Failure, Tried to reset, Failed again, Pulled TEST

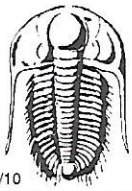
Rec	Feet of	%gas	%oil	%water	%mud
<u>450</u>	<u>Drig Mud</u>				

Rec Total 450 BHT 104 Gravity N/C API RW N/C @ N/C °F Chlorides N/C ppm

(A) Initial Hydrostatic <u>1968</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>07:45</u>
(B) First Initial Flow <u>503</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>08:00</u>
(C) First Final Flow <u>N/A</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>09:58</u>
(D) Initial Shut-In <u>N/A</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>09:58</u>
(E) Second Initial Flow <u>N/A</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>11:41</u>
(F) Second Final Flow <u>N/A</u>	<input checked="" type="checkbox"/> Mileage <u>100</u> <u>55.80</u>	Comments <u>Single Packer</u>
(G) Final Shut-In <u>N/A</u>	<input type="checkbox"/> Sampler	<u>NOTE</u>
(H) Final Hydrostatic <u>1918</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>N/A</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>N/A</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>N/A</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>1530.80</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1530.80</u>	

Approved By _____ 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. 59879

Well Name & No. Scott Clark JR Trust 2-25 Test No. 6 Date 11/05/14
 Company FG Heli Company Elevation 2035 KB 2027 GL
 Address 9431 E Central Ste 100 Wichita, KS 67206
 Co. Rep / Geo. Ryan Greenbaum Rig Duke 2
 Location: Sec. 25 Twp. 20S Rge. 16W Co. Pawnee State KS

Interval Tested 3769 - 3780 Zone Tested Arbuckle
 Anchor Length 11 Drill Pipe Run 3755 Mud Wt. 9.6
 Top Packer Depth N/A Drill Collars Run 0 Vis 48
 Bottom Packer Depth 3769 Wt. Pipe Run 0 WL 8.8
 Total Depth 3780 Chlorides 3800 ppm System LCM

Blow Description IF: strong blow, BOB in 2 minutes
IST: weak surface Blow Back
RF: Strong Blow, BOB in 3 minutes
FSI: 11 inch Blow Back

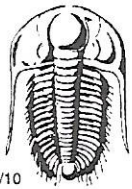
Rec	Feet of	%gas	%oil	%water	%mud
<u>650</u>	<u>GIP</u>				
<u>30</u>	<u>GWOCM</u>	<u>5</u>	<u>30</u>	<u>20</u>	<u>45</u>
<u>248</u>	<u>OMCW</u>		<u>8</u>	<u>82</u>	<u>10</u>
<u>434</u>	<u>water</u>				
<u>70</u>					

Rec Total 712 BHT 114 Gravity N/C API RW .2 @ 63 °F Chlorides 40,000 ppm

(A) Initial Hydrostatic <u>1929</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>11:00</u>
(B) First Initial Flow <u>68</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>12:00</u>
(C) First Final Flow <u>92</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>13:14</u>
(D) Initial Shut-In <u>640</u> 640	<input type="checkbox"/> Circ Sub	T-Pulled <u>16:33</u>
(E) Second Initial Flow <u>112</u> 112	<input type="checkbox"/> Hourly Standby	T-Out <u>18:40</u>
(F) Second Final Flow <u>331</u> 331	<input type="checkbox"/> Mileage	Comments <u>Single Packer</u>
(G) Final Shut-In <u>613</u> 613	<input type="checkbox"/> Sampler	<u>MOTEL</u>
(H) Final Hydrostatic <u>1876</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>5</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>60</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>90</u>	<input type="checkbox"/> Day Standby	Total <u>1475</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1475</u>	

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59880

Well Name & No. Scott Clark JR Trust 2-25 Test No. 7 Date 11/06/14
 Company EG Holl company Elevation 2035 KB 2027 GL
 Address 9431 E Central St E 100 Wichita, KS 67206
 Co. Rep / Geo. Ryan Greenbaum Rig Duke 2
 Location: Sec. 25 Twp. 20S Rge. 16W Co. Pawnee State KS

Interval Tested 3780 - 3790 Zone Tested Arbuckle
 Anchor Length 10 Drill Pipe Run 3786 Mud Wt. 9.5
 Top Packer Depth N/A Drill Collars Run 0 Vis 44
 Bottom Packer Depth 3780 Wt. Pipe Run 0 WL 10.4
 Total Depth 3790 Chlorides 5200 ppm System LCM

Blow Description IF: Strong Blow, BOB in 30 seconds
ISL: Weak Surface Blow Back
FF: Strong Blow, BOB in 30 seconds
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>2046</u>	<u>water</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 2046 BHT 117 Gravity N/C API RW 100 @ 57 ° F Chlorides 48000 ppm

(A) Initial Hydrostatic <u>1885</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>00:45</u>
(B) First Initial Flow <u>253</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>01:18</u>
(C) First Final Flow <u>410</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>03:49</u>
(D) Initial Shut-In <u>1037</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>07:10</u>
(E) Second Initial Flow <u>496</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>09:16</u>
(F) Second Final Flow <u>906</u>	<input checked="" type="checkbox"/> Mileage <u>(100)</u> 55.80	Comments <u>Single Packer used</u>
(G) Final Shut-In <u>1016</u>	<input type="checkbox"/> Sampler	<u>note!</u>
(H) Final Hydrostatic <u>1852</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies

Initial Open 5
 Initial Shut-In 60
 Final Flow 415
 Final Shut-In 90

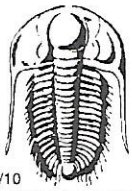
Sub Total 1530.80

Total 1530.80

MP/DST Disc't

Approved By _____ 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. 59881

Well Name & No. Scott Clark JR Trust 2-25 Test No. 8 Date 11/06/14
 Company FG Holl company Elevation 2035 KB 2027 GL
 Address 9431 E Central ste 100 Wichita, KS 67206
 Co. Rep / Geo. Ryan Greenbaum Rig Duke 2
 Location: Sec. 25 Twp. 20S Rge. 16W Co. Pawnee State KS

Interval Tested 3790 - 3805 Zone Tested Arbuckle
 Anchor Length 15 Drill Pipe Run 3786 Mud Wt. 9.3
 Top Packer Depth N/A Drill Collars Run 0 Vis 61
 Bottom Packer Depth 3790 Wt. Pipe Run 0 WL 7.6
 Total Depth 3705 Chlorides 4606 ppm System LCM

Blow Description IF: strong Blow, BOB in 20 seconds
ISF: weak surface Blow Back
FF: strong Blow, BOB in 20 seconds
FSI: NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>206</u>	<u>6 MCW</u>	<u>2</u>		<u>78</u>	<u>20</u>
<u>2294</u>	<u>water</u>				

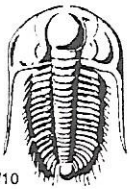
Rec Total 2500 BHT 116 Gravity N/C API RW 21 @ 60 ° F Chlorides 40000 ppm

(A) Initial Hydrostatic <u>1923</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>15:45</u>
(B) First Initial Flow <u>959</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>16:03</u>
(C) First Final Flow <u>996</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>18:15</u>
(D) Initial Shut-In <u>1124</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>20:48</u>
(E) Second Initial Flow <u>1033</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>23:24</u>
(F) Second Final Flow <u>1108</u>	<input checked="" type="checkbox"/> Mileage <u>100</u> 55.80	Comments <u>Single packer</u>
(G) Final Shut-In <u>1119</u>	<input type="checkbox"/> Sampler	<u>MOTEL</u>
(H) Final Hydrostatic <u>1871</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open <u>5</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>60</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>60</u>	<input type="checkbox"/> Day Standby	Total <u>1530.80</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1530.80</u>	

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59882

Well Name & No. Scott Clark JR Trust 2-25 Test No. 9 Date 11/07/14
 Company EG Holl company Elevation 2035 KB 2027 GL
 Address 9431 E Central Ste 100 Wichita, KS 67206
 Co. Rep / Geo. Ryan Greenbaum Rig Duke 2
 Location: Sec. 25 Twp. 20S Rge. 16W Co. Pawnee State KS

Interval Tested 3810 - ~~3820~~ Zone Tested Arbuckle
 Anchor Length 10 Drill Pipe Run 3817 Mud Wt. 9.1
 Top Packer Depth N/A Drill Collars Run 0 Vis 47
 Bottom Packer Depth 3810 Wt. Pipe Run 0 WL 7.2
 Total Depth 3820 Chlorides 4600 ppm System LCM

Blow Description IFi Strong Blow, BOB in 45 seconds

ISI: weak surface Blow Back

EFi Strong Blow, BOB in 1 minute, approx 6 minutes in Tool slid 4 feet

FSI: 1 inch Blow Back

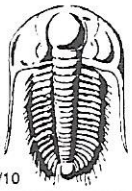
Rec	Feet of	%gas	%oil	%water	%mud
<u>114</u>	<u>GTP</u>				
<u>320</u>	<u>OMCW</u>		<u>5</u>	<u>65</u>	<u>30</u>
<u>620</u>	<u>Water</u>				
<u>186</u>	<u>Mud</u>				
<u>62</u>	<u>Water</u>				

Rec Total 1188 BHT 111 Gravity N/C API RW .19 @ 70 ° F Chlorides 38,000 ppm

(A) Initial Hydrostatic 1881 Test 1150 T-On Location 10:45
 (B) First Initial Flow 381 Jars 250 T-Started 10:56
 (C) First Final Flow 543 Safety Joint 75 T-Open 12:29
 (D) Initial Shut-In 1183 Circ Sub _____ T-Pulled 14:52
 (E) Second Initial Flow 413 Hourly Standby _____ T-Out 17:13
 (F) Second Final Flow 573 Mileage 1000 55.80 Comments Single Packer
 (G) Final Shut-In 1209 Sampler _____ MOTEL
 (H) Final Hydrostatic 1933 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 5 Extra Recorder _____ Sub Total 0
 Initial Shut-In 60 Day Standby _____ Total 1530.80
 Final Flow 15 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1530.80

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 59883

Well Name & No. Scott Clark JR Trust 2-25 Test No. 10 Date 11/08/14
 Company FG Holl Company Elevation 2075 KB 2027 GL
 Address 9431 E. Central Ste 100 Wichita, KS 67206
 Co. Rep / Geo. Ryan Greenbaum Rig Duke 2
 Location: Sec. 25 Twp. 20S Rge. 16W Co. Pawnee State KS

Interval Tested 3810 - 3825 Zone Tested Arbuckle
 Anchor Length 15 Drill Pipe Run 3817 Mud Wt. 9.4
 Top Packer Depth N/A Drill Collars Run 0 Vis 50
 Bottom Packer Depth 3810 Wt. Pipe Run 0 WL 7.2
 Total Depth 3825 Chlorides 4600 ppm System LCM

Blow Description IF: strong Blow, BOB in 30 seconds
ISI: weak surface Blow Back
FF: strong Blow, BOB in 30 seconds
FSI: No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>72</u>	<u>50mcw</u>		<u>5</u>	<u>90</u>	<u>5</u>
<u>2046</u>	<u>water</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 2118 BHT 116 Gravity N/C API RW .35 @ 40 ° F Chlorides 3600 ppm
 (A) Initial Hydrostatic 1877 Test 1150 T-On Location 00:15
 (B) First Initial Flow 518 Jars 250 T-Started 00:38
 (C) First Final Flow 569 Safety Joint 75 T-Open 03:22
 (D) Initial Shut-In 1206 Circ Sub _____ T-Pulled 05:41
 (E) Second Initial Flow 641 Hourly Standby _____ T-Out 08:14
 (F) Second Final Flow 975 Mileage (100) 55.80 Comments single packer
 (G) Final Shut-In 1193 Sampler _____ NOTE
 (H) Final Hydrostatic 1952 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Initial Open 5 Extra Recorder _____ Sub Total 0
 Initial Shut-In 60 Day Standby _____ Total 1530.80
 Final Flow 15 Accessibility _____ MP/DST Disc't _____
 Final Shut-In 60 Sub Total 1530.80

Approved By _____ Our Representative [Signature]

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BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET
1718 11471 A

DATE _____ TICKET NO. _____

DATE OF JOB <u>10-28-14</u> DISTRICT <u>75-205-1400</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <u>F.C. Hall Company, LLC</u>		LEASE <u>Scott Clark Jr. Co. Inc.</u> WELL NO. <u>27</u>								
ADDRESS _____		COUNTY <u>Pratt</u> STATE <u>KS</u>								
CITY _____ STATE _____		SERVICE CREW <u>Scott, Shawn, Austin</u>								
AUTHORIZED BY <u>[Signature]</u>		JOB TYPE: <u>2 3/4" Surface Pipe Casing</u>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<u>35970</u>	<u>1.75</u>					ARRIVED AT JOB	<u>10-28-14</u>			<u>1:30</u>
<u>7701 19860</u>	<u>.75</u>					START OPERATION	<u>10-28-14</u>			<u>4:53</u>
<u>19960 19860</u>	<u>.75</u>					FINISH OPERATION	<u>10-28-14</u>			<u>5:35</u>
						RELEASED	<u>10-28-14</u>			<u>6:15</u>
						MILES FROM STATION TO WELL _____				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
EP104	Acid Blend Cement	SK	200		
EP106	Cement Cement	SK	200		
CC107	Cellulose	lb	100		
CC109	Cellulose Chloride	lb	940		
CF105	Top Rubber Cement Plug 5 5/8"	EA	1		
CF1773	Centralizer 5/8" x 12 ft	EA	3		
E100	Unit Measure Change 1/2" x 1/2" x 1/2"	MI	65		
E101	Unit Measure Change 1/2" x 1/2" x 1/2"	MI	130		
E113	Unit Measure Change 1/2" x 1/2" x 1/2"	TM	1782		
CE202	Drill Pipe - 2 3/4" x 9.30 lb/ft	MI	1		
CE240	Blowdown + Material Service Charge	SK	400		
CE504	Unit Measure Change 1/2" x 1/2" x 1/2"	SK	1		
803	Surface Supply for Unit Measure Change	EA	1		
					SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>Dean Vasquez</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
---	--

FIELD SERVICE ORDER NO. _____

Customer <i>F G Hall Company LLC</i>		Lease No.		Date <i>10-28-14</i>	
Lease <i>Scott Clark Jr. Cust Trust</i>		Well # <i>2-75</i>			
Field Order # <i>11471 A</i>	Station	Casing <i>8 5/8</i>	Depth	County <i>Pawnee</i>	State <i>KS</i>
Type Job <i>8 5/8 Surface Pipe</i>		Formation <i>CNW</i>		Legal Description <i>25-205-166</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>8 5/8</i>	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth <i>1039</i>	Depth	From	To	Pre Pad		Max		5 Min.
Volume <i>64.8</i>	Volume	From	To	Pad		Min		10 Min.
Max Press <i>500</i>	Max Press	From	To	Frac		Avg		15 Min.
Well Connection <i>8 5/8</i>	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative <i>Dean</i>	Station Manager <i>Kevin Goodley</i>	Treater <i>Scott Greene</i>
--	---	--------------------------------

Service Units <i>28670</i>	<i>78665</i>	<i>19460</i>							
Driver Names <i>Scott</i>	<i>Shawn</i>	<i>Austin</i>							

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>1:30</i>					<i>On location Safety meeting Rig up</i>
<i>3:36</i>					<i>Run float equipment</i>
<i>4:40</i>					<i>Circulate on bottom</i>
<i>4:53</i>	<i>100</i>		<i>5</i>	<i>4</i>	<i>Pump H2O spacer</i>
<i>4:55</i>	<i>200</i>		<i>8798</i>	<i>5.3</i>	<i>Mix 2005FS A-con Blend at 1200</i>
<i>5:10</i>	<i>750</i>		<i>47.74</i>	<i>5.5</i>	<i>Mix 2005FS Common Cement at 1540</i>
<i>5:18</i>	<i>0</i>				<i>Shut Down</i>
<i>5:19</i>					<i>Release Plug</i>
<i>5:20</i>	<i>300</i>			<i>5.3</i>	<i>Start Displacement</i>
<i>5:35</i>	<i>200</i>		<i>64</i>		<i>Shut down</i>
					<i>Job Complete</i>



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

FIELD SERVICE TICKET

1718 11438 A

DATE _____ TICKET NO. _____

DATE OF JOB: 11-9-2014	DISTRICT: PRRM/KRS	NEW WELL <input type="checkbox"/>	OLD WELL <input type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input type="checkbox"/>	CUSTOMER ORDER NO.:			
CUSTOMER: F.G. Hall Company, LLC	LEASE: Spinn Creek Tr 65711	WELL NO. 2								
ADDRESS:	COUNTY: Pawnee	STATE: KS								
CITY:	STATE:	SERVICE CREW: Derrington, Dhye								
AUTHORIZED BY:	JOB TYPE: C/W/5/2/1000/1000									
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
17123	3/4						11-9-2014			3:30
29781	3/4									AM
5543	3/4									2:15
19903	3/4									5:00
21016	3/4									4:00
						MILES FROM STATION TO WELL	66			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CC103	60/40 902	SK	125		
CC102	60/40 902	Lb	32		
CC105	C 411 P	Lb	30		
CC116	C 411 P	Lb	513		
CC115	C 411 P	Lb	118		
CC129	FLP-322	Lb	118		
CC201	G 1500 C	Lb	1625		
CF607	1 1/2" Down Plus + Ratchet 5/8 (Blue)	Fs	1		
CF1251	Down Plus + Ratchet 5/8 (Blue)	Fs	1		
CF1651	Down Plus + Ratchet 5/8 (Blue)	Fs	8		
CF1901	5/8 Ratchet (Blue)	Fs	2		
CF2002	Common Scissors Ratchet Type	Fs	40		
CF184	Sup. Hota	Gal	500		
F100	Dr. Molex/Chase	M	65		
F101	Hes. F...	M	130		
F115	...	M	533		
CF201	Down Plus + Ratchet 5/8 (Blue)	Lb	1		
CF201	Down Plus + Ratchet 5/8 (Blue)	SK	200		

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$		
MATERIALS	%TAX ON \$		
TOTAL			

SERVICE REPRESENTATIVE: [Signature]

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer F.G. Hill Company, LLC		Lease No.		Date 11-9-2014	
Lease SCT + Clark Jr GST Trust		Well # 2-25			
Field Order # 11438	Station Pratt, KS	Casing 5 1/2	Depth 3944	County Pawnee	State KS
Type Job CNU 1 1/2 Longstrings			Formation TD-	Legal Description 25-265-160	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
5 1/2				Pre Pad	Max			5 Min.
Depth 3944	Depth	From	To	Pad	Min			10 Min.
Volume 96	Volume	From	To	Frac	Avg			15 Min.
Max Press	Max Press	From	To		HHP Used			Annulus Pressure
Plug Depth 3932	Packer Depth	From	To	Flush Fresh water	Gas Volume			Total Load

Customer Representative Rob Long	Station Manager Kevin Gortley	Treater Darin Franklin
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Service Units	27283	84981	19843	19903	21010				
Driver Names	Darin	Ed	Ed	Phye	Phye				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:30am					On location / Safety meeting
					Set cosses 3944, 5 1/2 144
					Turbolizers - 1, 2, 3, 4, 5, 6, 7, 8
					Baskets - 3, 6
					125SK - AD 2 cement, 15.3 pps, 1.36 v. l. b
					4.89 w. l. r. Rec.
2:15pm	300		5	5	Pump 5 bbls water
	300		12	5	12 bbls Flush
	300		5	5	5 bbls water
	300		15	5	mix 25SK sensor
	300		30	5	mix 125SK + 9.1 cement
					Shut down
					Release Plus w. sh pump lines
					Release Plus
	100		0	6	Stop displacement
	300		72	6	Lift Pressure
	500		86	3	Slow Rate
3:00pm	1500		96	3	Bump Plus
					Release
					Plus Post & mouse holes
					Job complete / Darin & crew