Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33168
Name: Woolsey Operating Company, LLC
Address 1: 125 N MARKET STE 1000
Address 2:
City: WICHITA State: KS Zip: 67202 + 1729
Contact Person: DEAN PATTISSON
Phone: (316) 267-4379
CONTRACTOR: License # 34484
Name: Fossil Drilling, Inc.
Wellsite Geologist: BILL KLAVER
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ WSW ☐ SWD
☐ Gas ☑ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

10/19/2018	10/31/2018	10/31/2018
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-077-22177-00-00
Spot Description: 155' S & 50' W of SW SE SW
SW- SW- SE -SW Sec. 13 Twp. 31 S. R. 8 ☐ East ☑ West
175 Feet from ☐ North / ☑ South Line of Section
1600 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☑ SW
GPS Location: Lat: *(e.g. xx.xxxxx)*, Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Harper
Lease Name: MPW Well #: 1
Field Name:
Producing Formation: N/A
Elevation: Ground: 1606 Kelly Bushing: 1618
Total Vertical Depth: 4926 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 274 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: 12000 ppm Fluid volume: 1800 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Wildcat Oil and Gas LLC
Lease Name: Adelhardt SWD 1-7 License #: 31337
Quarter SW Sec. 7 Twp. 30 S. R. 8 ☐ East ☑ West
County: Kingman Permit #: d30389.0

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** ☑ **Drill Stem Tests Received**
☑ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 01/17/2019

Page Two

Operator Name: Woolsey Operating Company, LLC Lease Name: MPW Well #: 1

Sec. 13 Twp. 31 S. R. 8 ☐ East ☑ West County: Harper

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Geologist Report / Mud Logs ☑ Yes ☐ No

List All E. Logs Run:

Comp Density/Neutron PE
Dual Induction
Sonic

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Onaga	2349	-731
Douglas	3473	-1855
Mississippian	4422	-2804
Simpson	4819	-3201

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	274	60/40 POZ	175	see ticket

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection:			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:	METHOD OF COMPLETION:	PRODUCTION INTERVAL: Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*		

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Woolsey Operating Company, LLC
Well Name	MPW 1
Doc ID	1422956

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	274	60/40 POZ	175	see ticket

ASiC
energy services, L.P.

TREATMENT REPORT

Customer: Woolsey operating	Lease No.	Date: 10-22-18	
Lease: MPW	Well #: 1		

Field Order #	Station	Casing	Depth	County	State
7440	Pratt Kansas 1718	8.625	278	Harper	KS

Type Job	Formation	Legal Description
8.625 surface casing Z-42		13-31S-08W

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 8.625	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 278	Depth	From	To	Pre Pad	Max		5 Min.
Volume 17.6	Volume	From	To	Pad	Min		10 Min.
Max Press 500	Max Press	From	To	Frac	Avg		15 Min.
Well Connection 8rd	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative	Station Manager	Treater

Service Units	78868	77686	86779	70959	19862						
Driver Names	Fenis	Josh	Josh	Darin	Darin						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1600					Arrived on Location / safety meeting
1700					Rig up equipment
2236	50		10	4.5	Pump H2O spacer
2243	40			3	Start mixing 60/40 POZ @ 14.8ppg
2248	150		16.6	4	87.5 sx 60/40 Poz away @ 14.8ppg
2251	80		36	3	175 sx 60/40 Poz away @ 14.8ppg
2255	80			3	Start H2O Displacement
2304	80		16.5	3	End Displacement shut in valve
2330					Rig down / Leave location
					TOTAL PIPE RAN 278
					20' cement left in shoe
					Displaced to 258'
					WOC-2:00 TOC Surface
					circulated 4 BBL to surface
					Thank You!! Fenis Barton

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

Taylor Printing, Inc. 620-672-3656

BASiC energy services, L.P.

TREATMENT REPORT

Customer: Woolsey Operating Co.	Lease No.	Date: 10/31/2018	
Lease: MPW	Well #: 1		
Field Order #: 11368	Station: Pratt, KS	Casing	Depth
County: Harper	State: KS		
Type Job: Z42/PTA	Formation	Legal Description: 13-31s-8w	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size 4½	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth 1350	Depth	From	To	Pre Pad	Max		5 Min.
Volume 18.7	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth 1158	Packer Depth	From	To	Flush mud water	Gas Volume		Total Load

Customer Representative: Rick Berriser	Station Manager: Justin Westerman	Treater: Darin Franklin	

Service Units	92911	84980	20920	19960	73768						
Driver Names	Darin	Ed	Ed	David	David						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
8:00pm					On location / safety meeting
					165sk 60/40 Poz, 4% Gel
					13.78 ppg, 1.43 yield, 6.92 water
					1350'
9:45am	100		8	5	8 water
9:45am	100		9	5	35sk cement
	100		3	5	3 water
	100		8	5	8 mud
	~~100~~				900'
	100		21	5	21 water
	100		9	5	35sk Cement
	100		7	5	7 water
					375'
	100		3		3 water
	100		9		35sk Cement
	100		1		1 water
	50		6		60' - 25sk Cement
	0		7	3	RH - 30sk Cement
	0		5	3	MH - 20sk Cement
11:30pm					Job Complete / Darin & Crew
					Thank you!!

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • (620) 672-1201 • Fax (620) 672-5383

Taylor Printing, Inc. 620-672-3656

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Woolsey Operating Co

125 N Marke Ste 1000
Wichita, KS 67202

ATTN: Bill Klaver

13-31S-8W

MPW #1

Job Ticket: 63839 **DST#: 1**

Test Start: 2018.10.28 @ 15:49:13

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:52:30
Time Test Ended: 23:33:15

Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74

Interval: 4422.00 ft (KB) To 4435.00 ft (KB) (TVD)
Total Depth: 4435.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

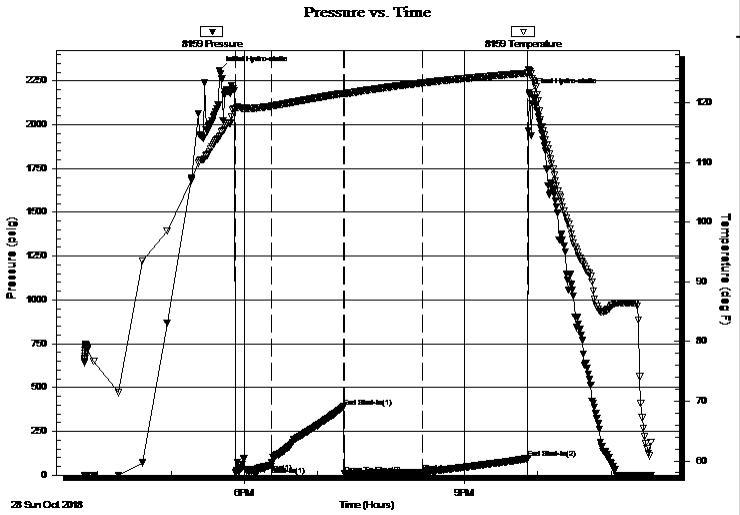
Reference Elevations: 1618.00 ft (KB)
1606.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8159 **Inside**

Press@RunDepth: 14.86 psig @ 4423.00 ft (KB)
Start Date: 2018.10.28 End Date: 2018.10.28
Start Time: 15:49:14 End Time: 23:33:15

Capacity: psig
Last Calib.: 2018.10.28
Time On Btm: 2018.10.28 @ 17:39:30
Time Off Btm: 2018.10.28 @ 21:53:15

TEST COMMENT:
IF: Fair Blow , Built to 6 inches
ISI: No Blow Back
FF: Fair Blow , Built to 5.75 inches
FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2310.41	114.33	Initial Hydro-static
13	16.21	118.81	Open To Flow (1)
43	51.40	119.40	Shut-In(1)
102	389.88	121.53	End Shut-In(1)
103	7.30	121.51	Open To Flow (2)
166	14.86	123.28	Shut-In(2)
253	95.41	124.99	End Shut-In(2)
254	2183.52	125.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SGCM 2%G 98%M	0.05

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Woolsey Operating Co
125 N Marke Ste 1000
Wichita, KS 67202

ATTN: Bill Klaver

13-31S-8W

MPW #1

Job Ticket: 63839 **DST#: 1**

Test Start: 2018.10.28 @ 15:49:13

GENERAL INFORMATION:

Formation: **Mississippi**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 17:52:30
Time Test Ended: 23:33:15

Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74

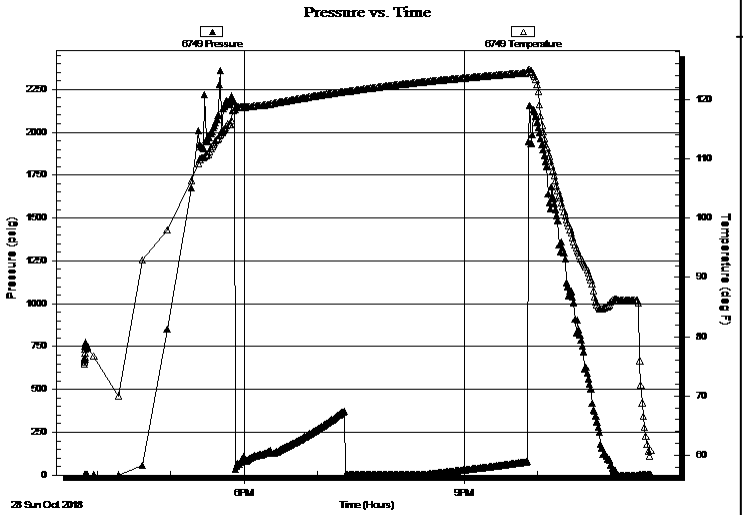
Interval: 4422.00 ft (KB) To 4435.00 ft (KB) (TVD)
Total Depth: 4435.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1618.00 ft (KB)
1606.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6749 **Outside**

Press@RunDepth:	psig @	4423.00 ft (KB)		Capacity:	psig
Start Date:	2018.10.28	End Date:	2018.10.28	Last Calib.:	2018.10.28
Start Time:	15:49:30	End Time:	23:33:31	Time On Btm:	
				Time Off Btm:	

TEST COMMENT:
IF: Fair Blow , Built to 6 inches
ISI: No Blow Back
FF: Fair Blow , Built to 5.75 inches
FSI: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
10.00	SGCM 2%G 98%M	0.05

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co

125 N Marke Ste 1000
Wichita, KS 67202

ATTN: Bill Klaver

13-31S-8W

MPW #1

Job Ticket: 63839 **DST#: 1**

Test Start: 2018.10.28 @ 15:49:13

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	64.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	3000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	SGCM 2%G 98%M	0.049

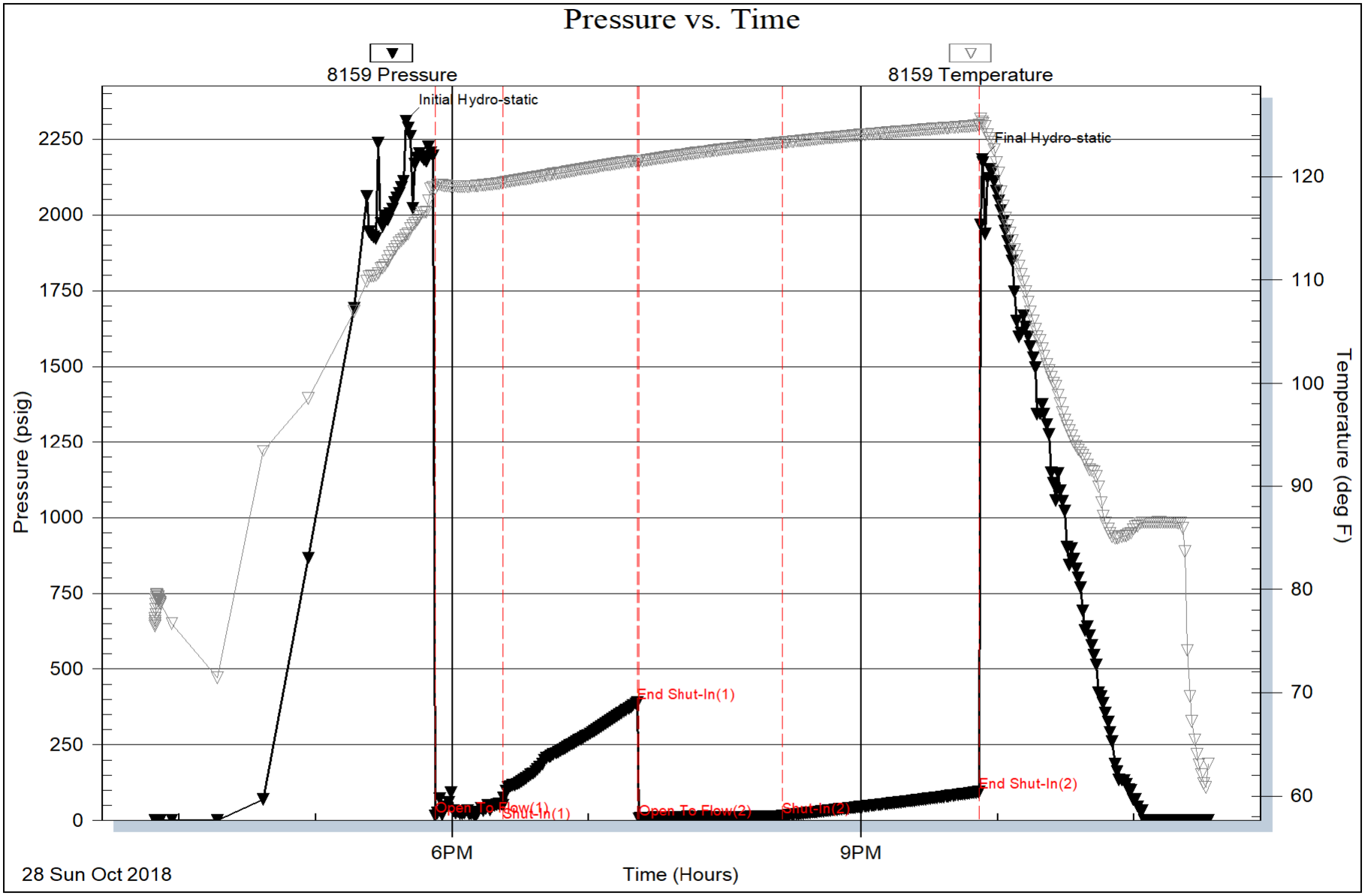
Total Length: 10.00 ft Total Volume: 0.049 bbl

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

Laboratory Name: Laboratory Location:

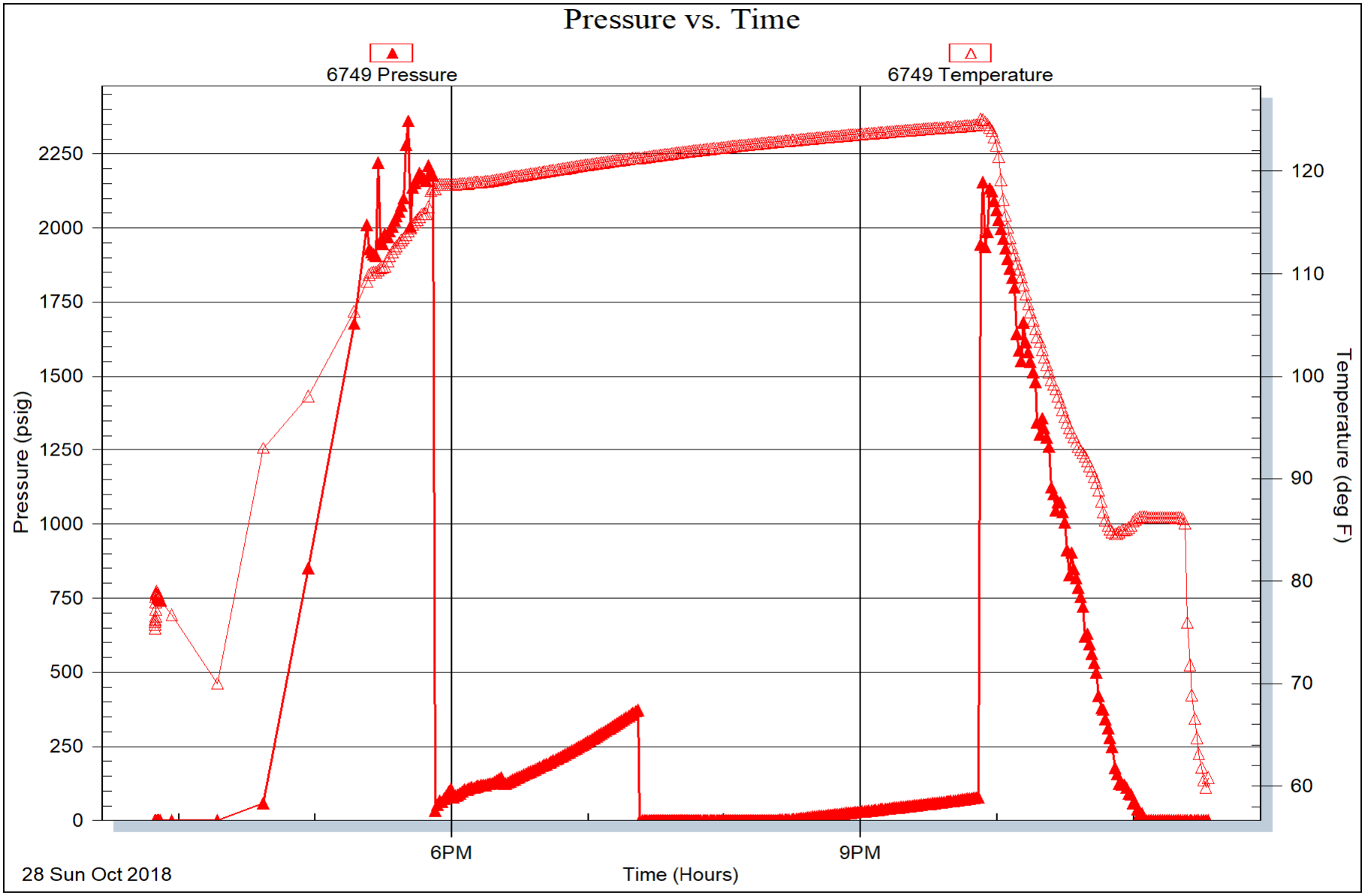
Recovery Comments:

Serial #: 8159 **Inside** Woolsey Operating Co MPW #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 63839 Printed: 2018.10.29 @ 09:50:17

Serial #: 6749 **Outside** Woolsey Operating Co MPW #1 DST Test Number: 1



Trilobite Testing, Inc Ref. No: 63839 Printed: 2018.10.29 @ 09:50:17

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Woolsey Operating Co
125 N Marke Ste 1000
Wichita, KS 67202

ATTN: Bill Klaver

13-31S-8W

MPW 1

Job Ticket: 63840 **DST#: 2**

Test Start: 2018.10.30 @ 00:25:00

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:28:17
Time Test Ended: 07:03:02

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74

Interval: 4805.00 ft (KB) To 4825.00 ft (KB) (TVD)
Total Depth: 4925.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

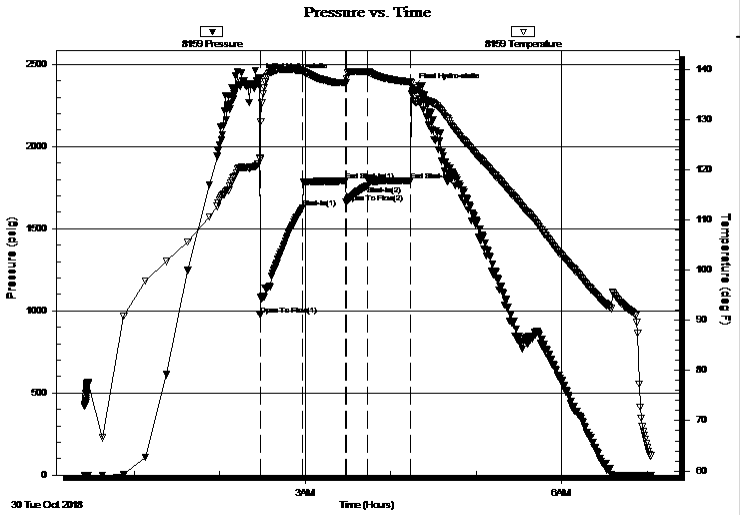
Reference Elevations: 1618.00 ft (KB)
1606.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 8159 **Inside**

Press@RunDepth: 1759.64 psig @ 4806.00 ft (KB)
Start Date: 2018.10.30 End Date: 2018.10.30
Start Time: 00:25:01 End Time: 07:03:02

Capacity: psig
Last Calib.: 2018.10.30
Time On Btm: 2018.10.30 @ 02:28:02
Time Off Btm: 2018.10.30 @ 04:15:02

TEST COMMENT:
IF: Strong Blow , BOB in 45 seconds, Built to 321 inches
ISI: Surface Blow Back
FF: Strong Blow , BOB in 45 seconds, Built to 155 inches
FSI: Surface Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2419.10	122.31	Initial Hydro-static
1	975.89	122.12	Open To Flow (1)
30	1625.53	139.74	Shut-In(1)
61	1788.96	137.37	End Shut-In(1)
61	1660.30	137.31	Open To Flow (2)
76	1759.64	139.49	Shut-In(2)
106	1790.48	137.54	End Shut-In(2)
108	2356.66	135.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3306.00	Water	45.27
378.00	MCW 30%M 70%W	5.30

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

TRILOBITE TESTING, INC.

Woolsey Operating Co
125 N Marke Ste 1000
Wichita, KS 67202

ATTN: Bill Klaver

13-31S-8W

MPW 1

Job Ticket: 63840 **DST#: 2**

Test Start: 2018.10.30 @ 00:25:00

GENERAL INFORMATION:

Formation: **Simpson**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 02:28:17
Time Test Ended: 07:03:02

Test Type: Conventional Bottom Hole (Reset)
Tester: Leal Cason
Unit No: 74

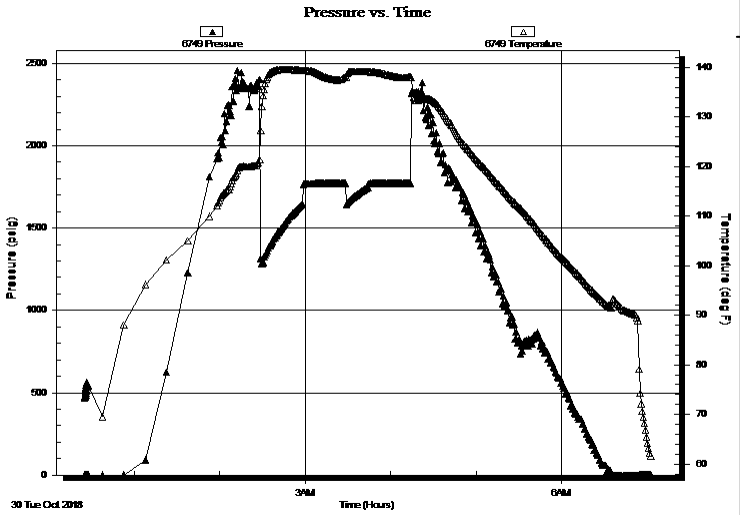
Interval: 4805.00 ft (KB) To 4825.00 ft (KB) (TVD)
Total Depth: 4925.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1618.00 ft (KB)
1606.00 ft (CF)
KB to GR/CF: 12.00 ft

Serial #: 6749 **Outside**

Press@RunDepth:	psig @	4806.00 ft (KB)		Capacity:	psig
Start Date:	2018.10.30	End Date:	2018.10.30	Last Calib.:	2018.10.30
Start Time:	00:25:01	End Time:	07:03:02	Time On Btm:	
				Time Off Btm:	

TEST COMMENT:
IF: Strong Blow , BOB in 45 seconds, Built to 321 inches
ISI: Surface Blow Back
FF: Strong Blow , BOB in 45 seconds, Built to 155 inches
FSI: Surface Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
3306.00	Water	45.27
378.00	MCW 30%M 70%W	5.30

* Recovery from multiple tests

Gas Rates

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

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co

125 N Marke Ste 1000
Wichita, KS 67202

ATTN: Bill Klaver

13-31S-8W

MPW 1

Job Ticket: 63840 **DST#: 2**

Test Start: 2018.10.30 @ 00:25:00

Mud and Cushion Information

Mud Type:	Gel Chem	Cushion Type:		Oil API:	deg API
Mud Weight:	10.00 lb/gal	Cushion Length:	ft	Water Salinity:	80000 ppm
Viscosity:	56.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	8.79 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	4000.00 ppm				
Filter Cake:	0.02 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3306.00	Water	45.272
378.00	MCW 30%M 70%W	5.302

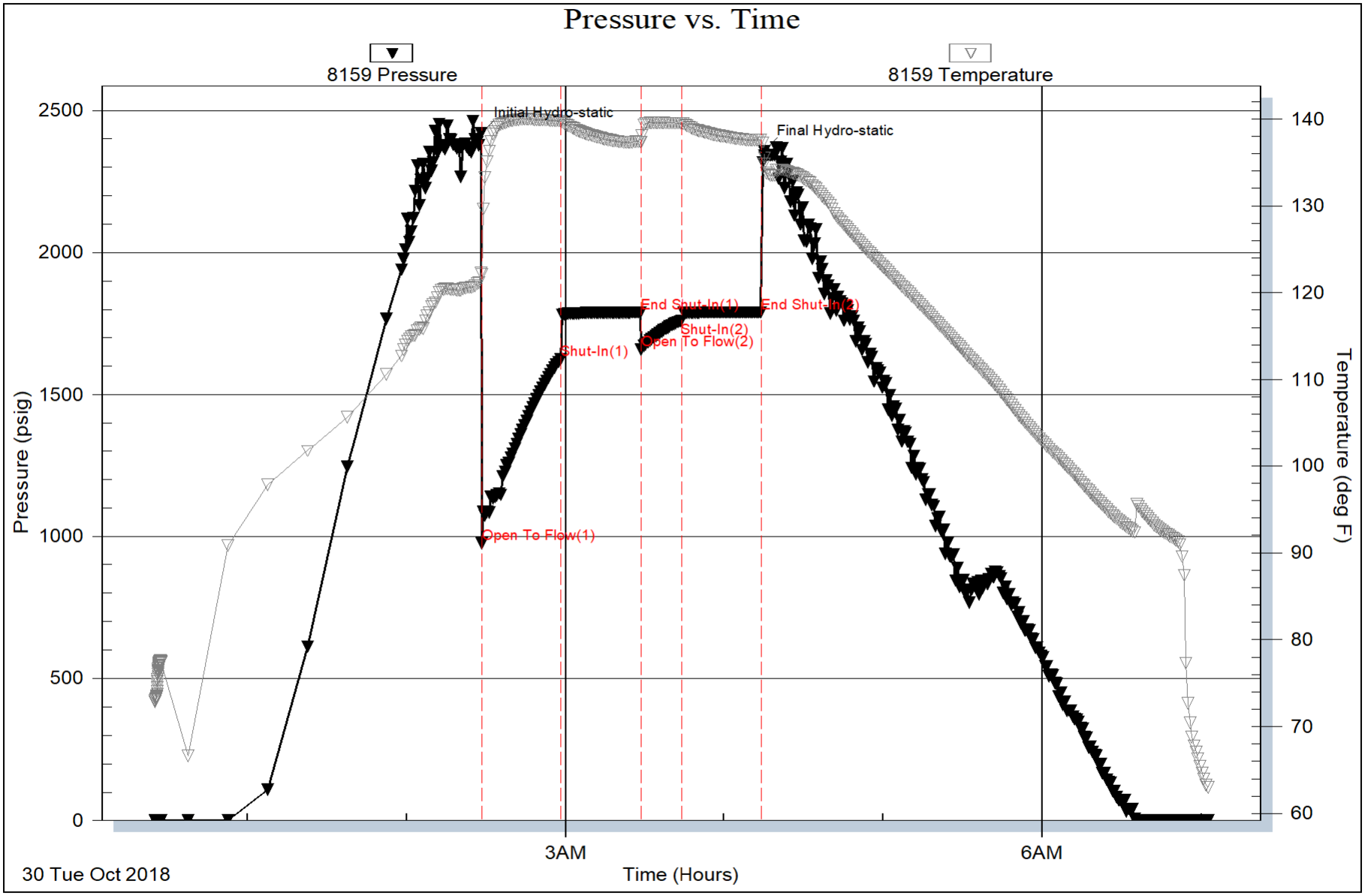
Total Length: 3684.00 ft Total Volume: 50.574 bbl

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

Laboratory Name: Laboratory Location:

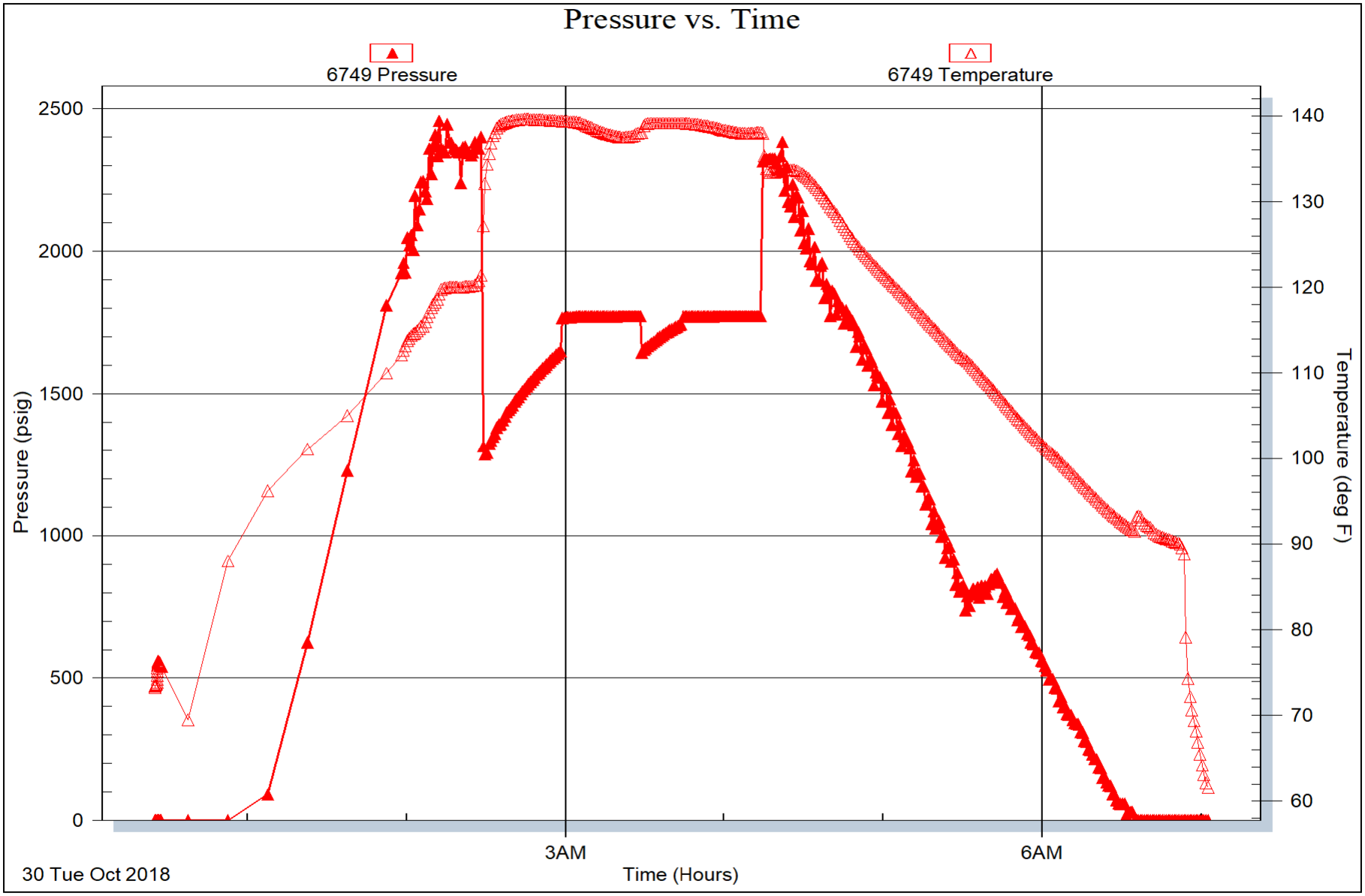
Recovery Comments: RW w as .08 @ 85 degrees

Serial #: 8159 **Inside** Woolsey Operating Co MPW 1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 63840 Printed: 2018.10.30 @ 08:00:02

Serial #: 6749 **Outside** Woolsey Operating Co MPW 1 DST Test Number: 2



Trilobite Testing, Inc Ref. No: 63840 Printed: 2018.10.30 @ 08:00:03

Woolsey Operating Company, LLC

Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: MPW #1
Location: Section 13 - Township 31 South - Range 8 West
License Number: 33168 | Region: Harper County, Kansas
Spud Date: October 22, 2018 | Drilling Completed: October 30, 2018
Surface Coordinates: 175' FSL & 1600' FWL
155' S, 50' W of SW SE SW
Bottom Hole Coordinates:

Ground Elevation (ft): 1606' | K.B. Elevation (ft): 1618'
Logged Interval (ft): 2000' To: 4926' | Total Depth (ft): 4926'
Formation: Topeka >>> Simpson
Type of Drilling Fluid: Chemical Mud

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Woolsey Operating Company,LLC
Address: 125 N. Market, Suite 1000
Wichita, KS 67202

GEOLOGIST

Name: Bill Klaver
Company: Woolsey Operating Co. LLC
Address: 125 N. Market, Wichita Kansas, 67202

COMMENTS

Surface Casing: Spud at 4 pm on 10/22/2018, set 6 joints of 8 5/8" X 23#/ft new casing at 274' KB (tally 260') with 175 sx 60/40 poz (by Basic). Plug down 11:15 pm on 10/22/2018. Cement did circulate.
Production Casing: None ran

Deviation Surveys: 3/4 at 275', 1 at 1001', 1/2 at 2016', 3/4 at 2300', see detail for additional surveys.
Pipe Strap @ 4435', strap: 4451.24', board: 4455.86', strap 4.62' short. No correction was made to the board.
Fossil Drilling Rig 3 Bit Record:
1) 12 1/4" Varel RR in at 0' out at 275', 4.75 hours
2) 7 7/8" Hughs Tool T506F PDC in at 275' out at 4926', 90 hrs

Gas Detection: Pason Systems
Mud System: Mud-Co. Brad Bortz, Engineer
DSTs: Trilobite Testing, Leal Cason, Tester
E-Logs: ELI, Dual Induction Laterolog w/SP, CNL-FDC w/PE, GR & Caliper, Sonic w/GR. Jeff Luebbers, Eng.
Company Man: Allen Dick, WOC
Hawkeye Directional LLC, Josh Riffe MWD, Kenneth Holland Directional Driller

DSTs

DST #1 Mississippi, 4422'-4435', 30"-60"-60"-90", IFP puny 6" blow, FFP lazy 6" blow, Rec: 10' GCM (2%G, 98%M), IHP 2310, IFP 16=51, ICIP 390, FFP 7-15, FCIP 95, FHP 2183, BHT 125 degrees

DST #2 Simpson, 4805'-4825', 30"-30"-15"-30", Strong blow, Rec: 378' MCW (30%M, 70%W), 3306' SW, API Rw 0.8 @ 85 deg, Chlorides: 80,000 ppm, IHP 2419, IFP 976-1625, ICIP 1789, FFP 1660-1759, FCIP 1790, FHP 2357, BHT 135 deg.

CREWS

Rick Barriger, Tool Pusher
Pablo Luna, Daylights
Chris Staats, Evening
Kevin Clifft, Morning

ROCK TYPES

Anhy	Shy dolo	Sltst	Shale 3
Bent	Dol	Ss	Silty dol
Brec	Gyp	Black sh	Dol lmst
Cht	Sdy lmst	Gry sh	Dol 2
Clyst	Lmst	Shale	Granite wash
Coal	Mrlst	Shysltst	Lmst
Congl	Salt	Sltysh	Calc dol
Sdy dolo	Shale	Ss 2	Shale 3

ACCESSORIES

MINERAL			
Anhy	Chlorite	Pelec	Grysh
Arg	Dol	Pellet	Gryslt
Bent	Sand	Pisolite	Lms
Bit	Slty	Plant	Sandylms
Brecfrag	**FOSSIL**	Strom	Sh
Calc	Algae	Fuss	Sltstn
Carb	Amph	Oomoldic	**TEXTURE**
Chtdk	Belm	**STRINGER**	Boundst
Chtlt	Bioclst	Anhy	Chalky
Dol	Brach	Arg	CryxIn
Ferrpel	Bryozoa	Bent	Earthy
Ferr	Cephal	Coal	FinexIn
Glau	Coral	Dol	Grainst
Gyp	Crin	Gyp	Lithogr
Marl	Echin	Ls	MicroxIn
Nodule	Fish	Mrst	Mudst
Phos	Foram	Sltstrg	Packst
Pyr	Fossil	Ssstrg	Wackest
Salt	Gastro	Carbsh	
Sandy	Oolite	Clystn	
Silt	Ostra	Dol	