

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 # _____

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

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 #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top _____ Bottom _____
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Company: La Veta Oil and Gas
Address:

OPERATOR

Contact Geologist:
Contact Phone Nbr:
Well Name: #3 Jan
Location: Section 13-22S-12W
Pool: Pool:
State: Kansas
API: 15-185-23998
Field: Heyen
Country: USA

Scale 1:240 Imperial

Well Name: #3 Jan
Surface Location: Section 13-22S-12W
Bottom Location:
API: 15-185-23998
License Number:
Spud Date: 10/12/2017 Time: 7:45 PM
Region:
Drilling Completed: 10/18/2017 Time: 9:30 PM
Surface Coordinates: 2625' FNL & 2240' FWL
Bottom Hole Coordinates:
Ground Elevation: 1842.00ft
K.B. Elevation: 1851.00ft
Logged Interval: 3100.00ft To: 3750.00ft
Total Depth: 3750.00ft
Formation:
Drilling Fluid Type: Chemical (MudCo)

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude:
N/S Co-ord: 2625' FNL
E/W Co-ord: 2240' FWL
Latitude:

LOGGED BY



Company: TerraTech Energy Service LLC.
Address: 1632 S. West St. Suite 12
Wichita, KS 67208
Phone Nbr: 316-617-3959
Logged By: Geologist Name: Bruce Reed

CONTRACTOR

Contractor: Southwind Drilling
Rig #: 9
Rig Type: mud rotary
Spud Date: 10/12/2017 Time: 7:45 PM
TD Date: 10/18/2017 Time: 9:30 PM
Rig Release: 10/19/2017 Time: 2:30 PM

ELEVATIONS

K.B. Elevation: 1851.00ft Ground Elevation: 1842.00ft
K.B. to Ground: 9.00ft

NOTES

Surface Casing: 8-5/8" at 270'
Production Casing: 5-1/2" at 3746'

Daily Penetration:
10/12/17 SPUD @ 7:45 PM
10/13/17 270'
10/14/17 1071'
10/15/17 2235'
10/16/17 3086'
10/17/17 3540'
10/18/17 3656' RTD @ 9:30 PM
10/19/17 3750' Completed @ 2:30 PM

DRILL STEM TESTS

DST #1 3624'-3656' Arbuckle. Strong blow on both initial and second flow period.
Recovered: 1827' GIP, 534' Clean Gassy Oil (20% gas, 80% oil).
IFP/15" 49-107 psi, ISIP/30" 1115 psi, FFP/30" 118-213 psi, FSIP/60" 1139 psi

DST #2 3675'-3684' Arbuckle. Strong blow on both initial and second flow period.
Recovered: 744' GIP, 90' Clean Gassy Oil, 62' GMCOW (40 % gas, 12% oil, 38% W, 15% M),
186' GMCOW (10% gas, 5% oil, 77% W, 8% M), 248' Water
IFP/15" 48-68 psi, ISIP/30" 1216 psi, FFP/30" 156-271 psi, FSIP/60" 952 psi

GEOLOGICAL TOPS

Formation	Sample Top	Datum	Log	Datum	Comparison*
Heebner	3144'	-1293	3141'	-1290	-3
Toronto	3165'	-1314	3161'	-1310	-5
Douglas	3176'	-1325	3173'	-1322	-3
Brown Lime	3276'	-1425	3270'	-1419	-2
Lansing	3298'	-1447	3294'	-1443	-3
B/KC	3523'	-1672	3520'	-1669	-2
Viola	3562'	-1711	3558'	-1707	-1
Simpson	3598'	-1947	3595'	-1744	-7
Arbuckle	3646'	-1795	3644'	-1793	-5

*Reference well: LaVeta Oil & Gas, #1 Jan, 1870' FNL / 1560' FWL
Sec 13-22S-12W, Stafford County, Kansas

ROCK TYPES

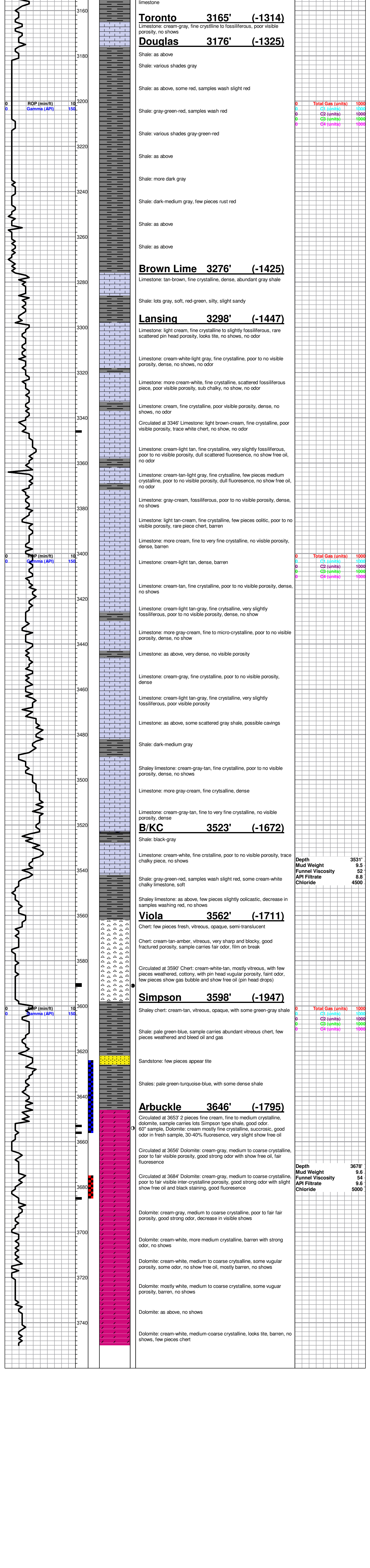
Legend for rock types and symbols:

- Cht (Chert)
- Dolprim (Dolomite)
- Lmst fw7> shale, gry (Limestone)
- Carbon Sh (Carbon Shale)
- Ss (Sandstone)

OTHER SYMBOLS

Legend for symbols and intervals:

- Oil Show: Good Show, Fair Show, Poor Show, Spotted or Trace, Questionable Str, Dead Oil Str, Fluorescence, Gas
- DST: DST Int, DST alt, Core, tail pipe
- INTERVALS: Core, DST





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

LaVeta Oil & Gas
305 N Buffalo
Stafford, KS 67578
ATTN: Bruce Reed

13-22S-12W Stafford

Jan 3

Job Ticket: 57839

DST#: 1

Test Start: 2017.10.17 @ 21:56:03

GENERAL INFORMATION:

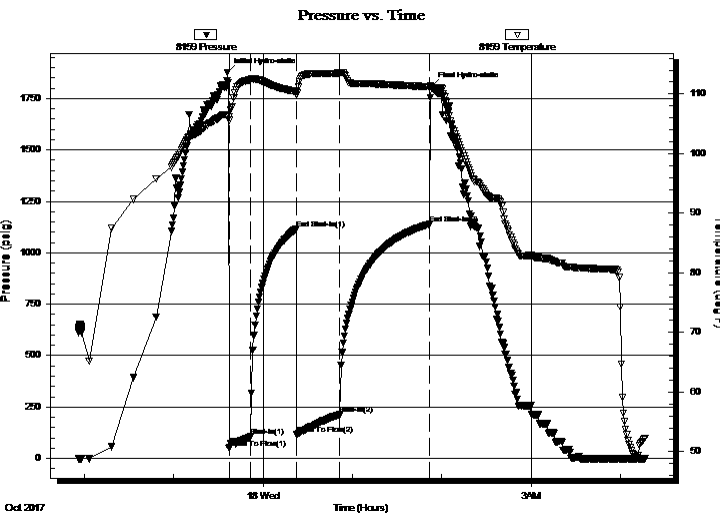
Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:37:03
Time Test Ended: 04:16:48
Interval: **3624.00 ft (KB) To 3656.00 ft (KB) (TVD)**
Total Depth: 3656.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Initial)
Tester: Leal Cason
Unit No: 74
Reference Elevations: 1851.00 ft (KB)
1841.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8159

Inside

Press@RunDepth: 212.69 psig @ 3625.00 ft (KB)
Start Date: 2017.10.17 End Date: 2017.10.18
Start Time: 21:56:04 End Time: 04:16:48
Capacity: 8000.00 psig
Last Calib.: 2017.10.18
Time On Btm: 2017.10.17 @ 23:36:03
Time Off Btm: 2017.10.18 @ 01:52:48

TEST COMMENT: IF: Strong Blow , BOB in 2 minutes
IS: 2 inch Blow Back
FF: Strong Blow , BOB in 3 minutes
FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1876.68	106.45	Initial Hydro-static
1	48.74	105.61	Open To Flow (1)
16	106.58	112.43	Shut-In(1)
46	1115.20	110.41	End Shut-In(1)
47	117.95	109.94	Open To Flow (2)
76	212.69	113.49	Shut-In(2)
136	1138.64	111.23	End Shut-In(2)
137	1808.24	111.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	1827 GIP	0.00
534.00	GSY Oil 20%G 80%O	7.49

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

LaVeta Oil & Gas

13-22S-12W Stafford

305 N Buffalo
Stafford, KS 67578

Jan 3

Job Ticket: 57839

DST#: 1

ATTN: Bruce Reed

Test Start: 2017.10.17 @ 21:56:03

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39.4 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	1827 GIP	0.000
534.00	GSY Oil 20%G 80%O	7.491

Total Length: 534.00 ft Total Volume: 7.491 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

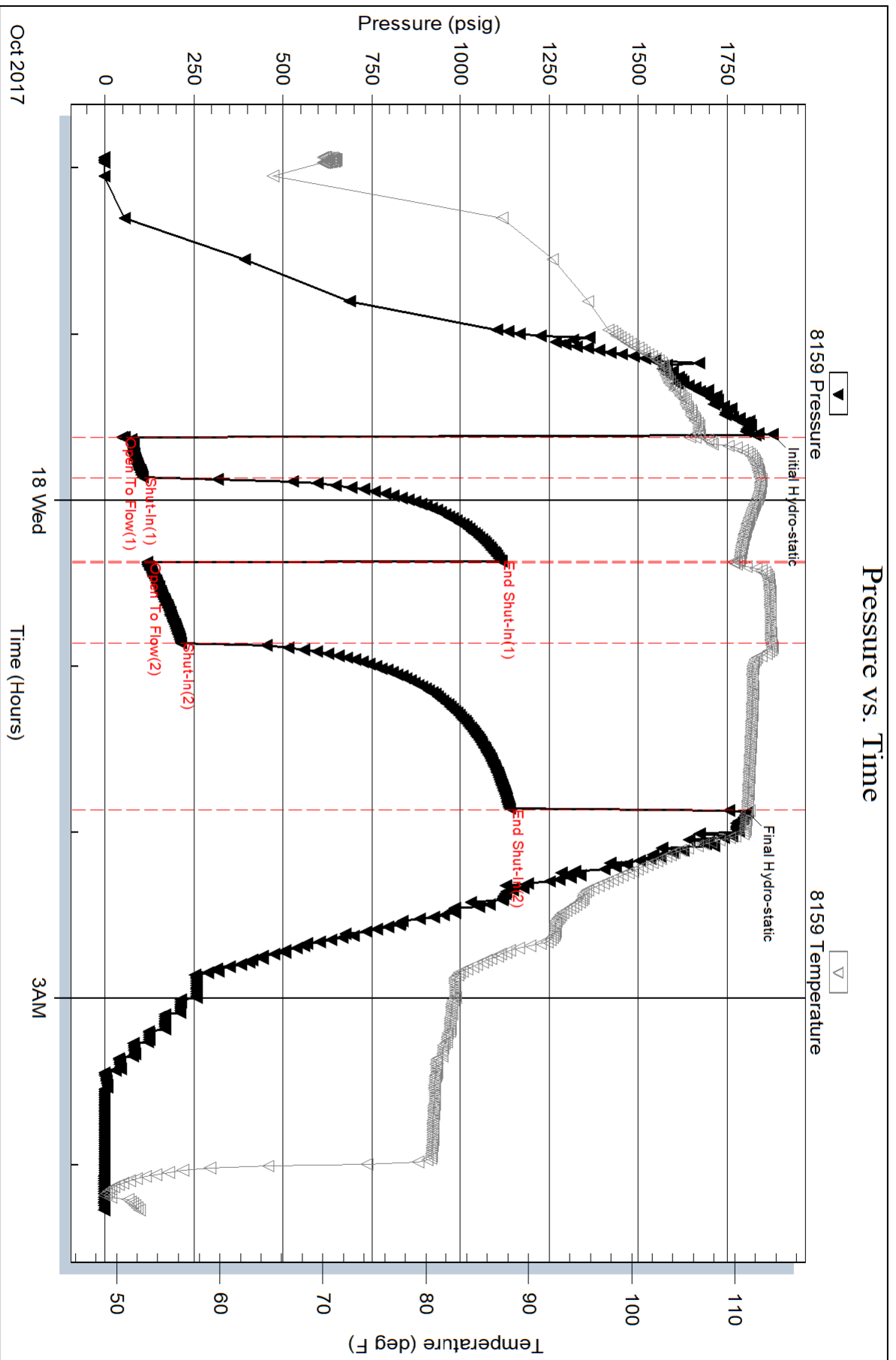
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 38.6 @ 52 degrees

Pressure vs. Time



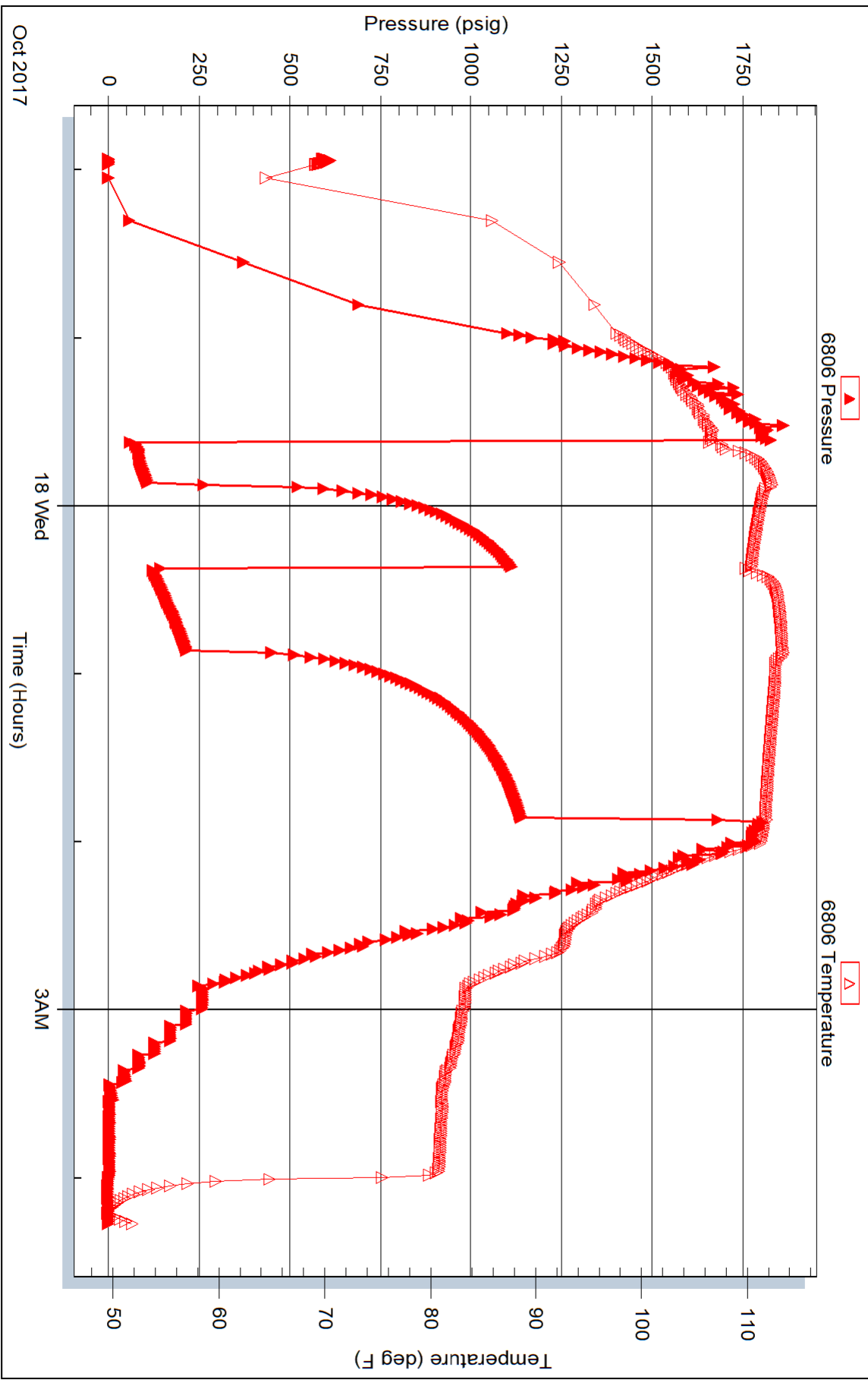
Serial #: 6806

Outside Laveta Oil & Gas

Jan 3

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 57839

Printed: 2017.10.18 @ 07:41:51



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

LaVeta Oil & Gas
 305 N Buffalo
 Stafford, KS 67578
 ATTN: Bruce Reed

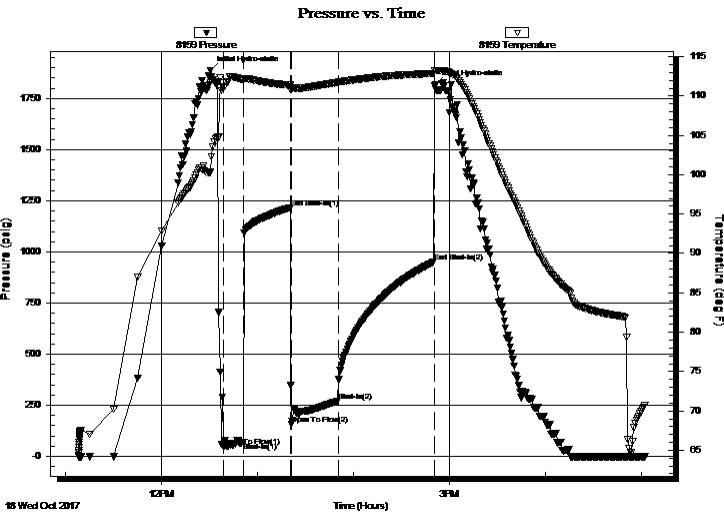
13-22S-12W Stafford
Jan 3
 Job Ticket: 57840 **DST#: 2**
 Test Start: 2017.10.18 @ 11:08:08

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 12:38:53
 Tester: Leal Cason
 Time Test Ended: 17:02:08
 Unit No: 74
 Interval: **3675.00 ft (KB) To 3684.00 ft (KB) (TVD)**
 Reference Elevations: 1851.00 ft (KB)
 Total Depth: 3684.00 ft (KB) (TVD)
 1841.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 10.00 ft

Serial #: 8159 **Inside**
 Press@RunDepth: 271.09 psig @ 3676.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.10.18 End Date: 2017.10.18 Last Calib.: 2017.10.18
 Start Time: 11:08:09 End Time: 17:02:08 Time On Btm: 2017.10.18 @ 12:30:38
 Time Off Btm: 2017.10.18 @ 14:51:08

TEST COMMENT: IF: Strong Blow , BOB in 8 minutes
 IS: No Blow Back
 FF: Strong Blow , BOB in 2 minutes
 FS: 2 inch Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1886.90	100.32	Initial Hydro-static
9	47.63	111.03	Open To Flow (1)
21	67.90	112.04	Shut-In(1)
50	1216.20	111.38	End Shut-In(1)
51	156.32	111.01	Open To Flow (2)
80	271.09	111.73	Shut-In(2)
140	952.48	112.85	End Shut-In(2)
141	1816.21	113.20	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	744 GIP	0.00
248.00	Water	3.48
186.00	GMOCW 10%G 5%O 8%M 77%W	2.61
62.00	GMOCW 40%G 10%M 12%O 38%W	0.87
90.00	GSY Oil 30%G 70%O	1.26

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

LaVeta Oil & Gas

13-22S-12W Stafford

305 N Buffalo
Stafford, KS 67578

Jan 3

Job Ticket: 57840

DST#: 2

ATTN: Bruce Reed

Test Start: 2017.10.18 @ 11:08:08

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39.6 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

30000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	744 GIP	0.000
248.00	Water	3.479
186.00	GMOCW 10%G 5%O 8%M 77%W	2.609
62.00	GMOCW 40%G 10%M 12%O 38%W	0.870
90.00	GSY Oil 30%G 70%O	1.262

Total Length: 586.00 ft Total Volume: 8.220 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

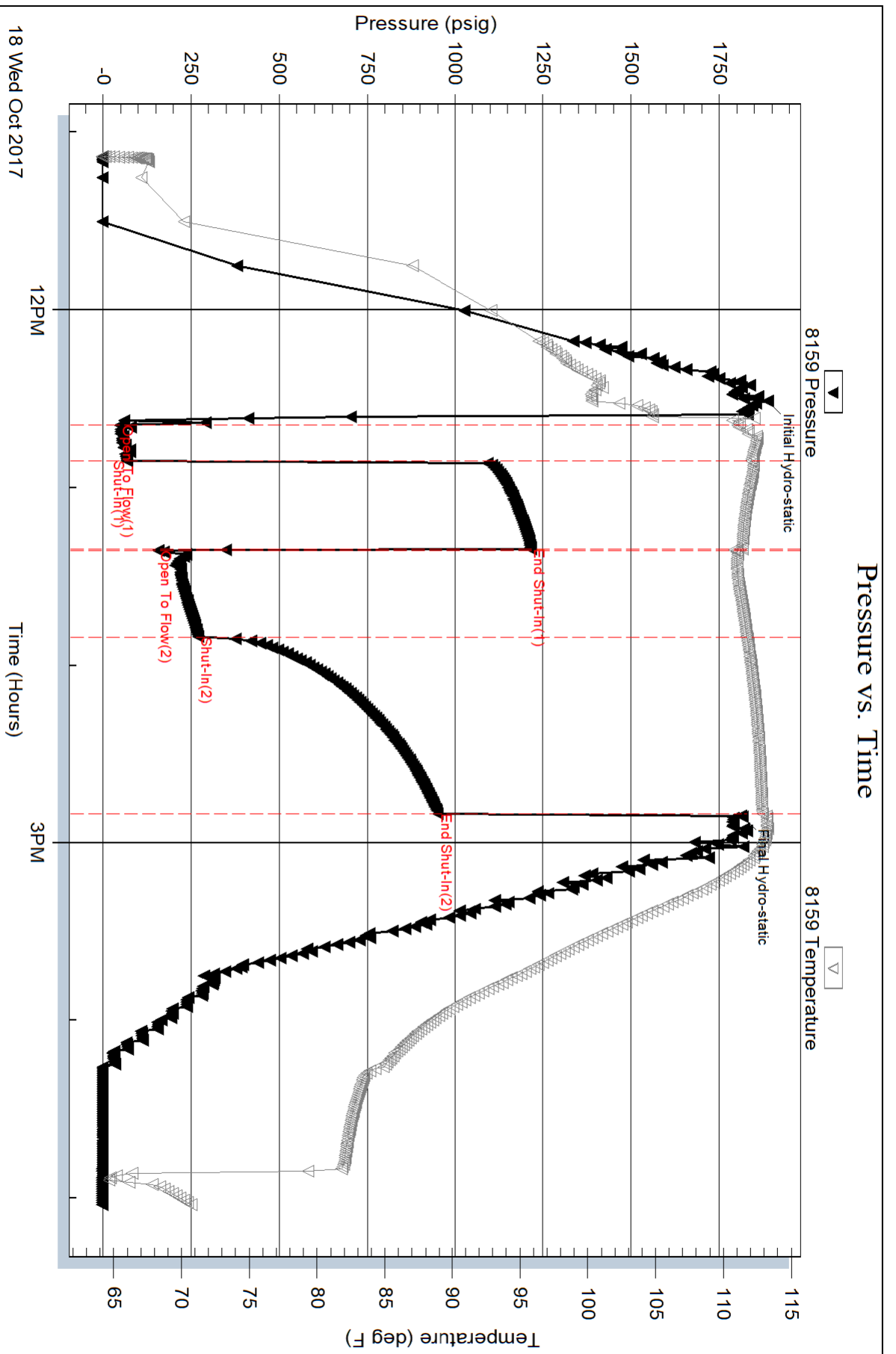
Serial #:

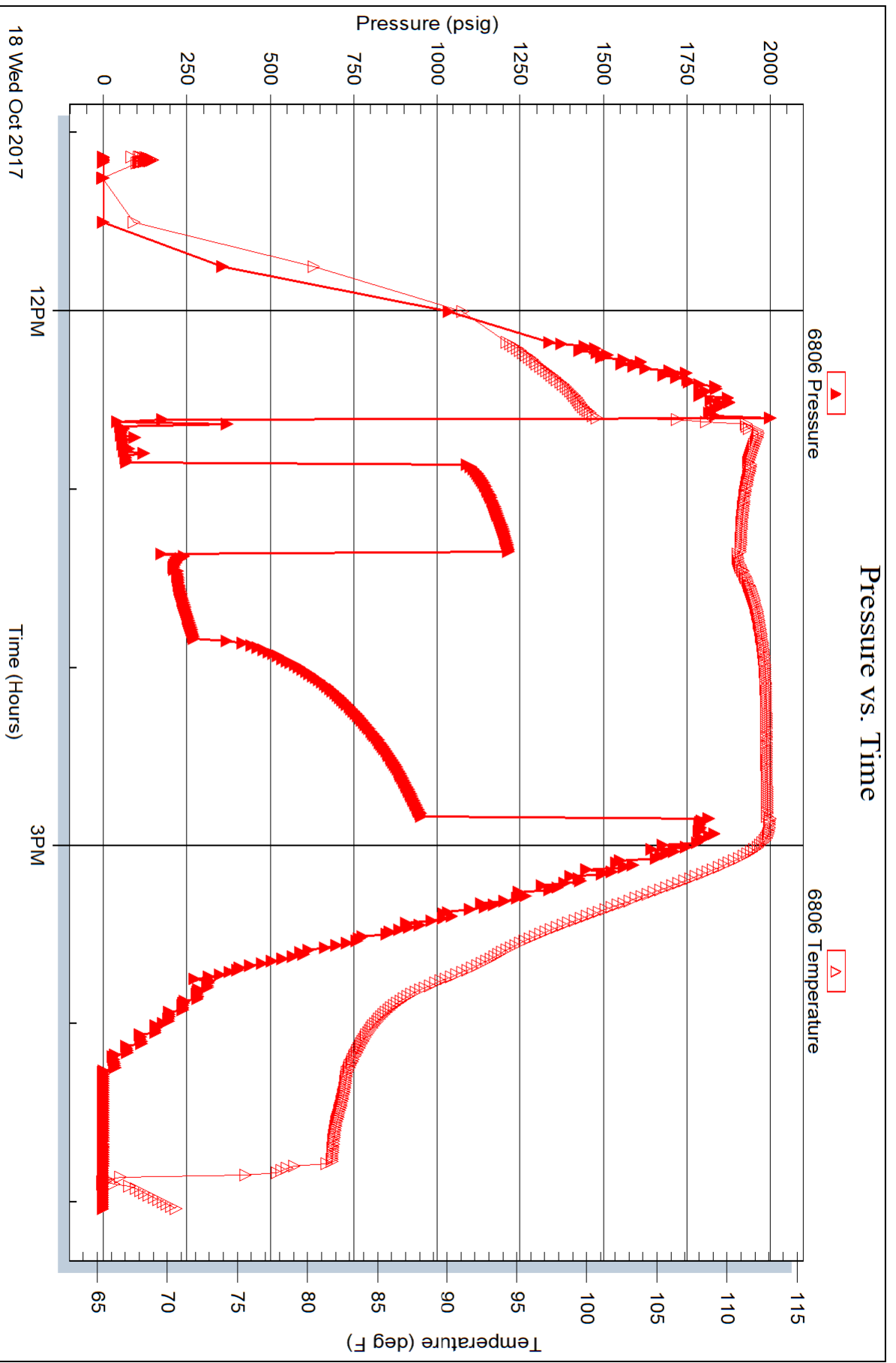
Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity w as 39.8 @ 64 degrees

RW w as .25 @ 66 degrees







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

TT mlt
27

FIELD SERVICE TICKET
1718 15515 A

DATE _____ TICKET NO. _____

JOB # 10-13-17 DISTRICT Pratt		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 LAVOTA Oil + Gas		LEASE JAN				WELL NO. 3		
ADDRESS		COUNTY STAFFORD		STATE KJ				
CITY		STATE		SERVICE CREW MATTAL, GRAY, DILLON, MATTHEW				
AUTHORIZED BY		JOB TYPE: 2-42 8 5/8 SURFACE						
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
27463	1						10-12-17	8:30 AM
73768	.5							
						ARRIVED AT JOB		10:40 AM
						START OPERATION	10-13-17	1:26 PM
						FINISH OPERATION		1:45 PM
						RELEASED		2:18 PM
						MILES FROM STATION TO WELL		45

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
CP103	60/40 P02	SK	260		3,120 00
CC107	cellor chloride	LB	66		244 20
CC109	calcium chloride	88	672		705 60
EL00	P.u. miles	mi	45		202 50
EL01	heavy eq miles	mi	90		675 00
EL03	PROP + bulk del	FM	304		1,260 00
CE200	depth charge 0-500	4hr	1		4,000 00
CE240	blend + mix	SK	260		364 00
S003	SUPERVISOR	ea	1		175 00
SUB TOTAL					77 26 32

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		3,795 6

SERVICE REPRESENTATIVE Mike Mattal
THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: *[Signature]*
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

TREATMENT REPORT

LAVETA oil + Gas		Lease No.	Date 10-13-17	
JAN		Well # 3		
Field Order # 25515	Station Pratt	Casing 8 5/8	Depth 270	County STAFFORD State KS
Type Job 2-42	8 5/8 SURFACE		Formation	Legal Description 13-225-12W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 8 5/8	Tubing Size	Shots/Ft		Acid 260 SUS 60/40 POZ	RATE	PRESS	ISIP	
Depth 270	Depth	From	To	Pre Pad 3% CC 2% Sol	Max 0.25	PPS COLLAPSE	15 Min	
Volume 17.2	Volume	From	To	Pad	Min		10 Min.	
Max Press 300	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection 5" V	Annulus Vol.	From	To		HHP Used'		Annulus Pressure	
Plug Depth 250	Packer Depth	From	To	Flush 15.9	Gas Volume		Total Load	

Customer Representative Benjie Griffin			Station Manager Westerman			Treater Matta		
Service Units 83353		27463	19903	73768				
Driver Names Matta		Graves	Dillon	Amundson				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:40					ON LOCATION / Safety meeting
12:25					run 8 5/8 casing
1:15					CASING ON BOTTOM
1:20					HOOK TO CASING / Break core w. Rig
1:26	200		3	5	PUMP 3 bbl WATER
1:27	225		56	5.5	MIX 260 SUS 60/40 POZ
1:39	200			5	START displacement
1:45	200		15.9		Plug down / shut in well CMT TO SURFACE
					JOB complete THANK YOU! Mike Matta Scott, Dillon, Edwards



rgy services, L.P.

TREATMENT REPORT

Operator <i>Veta Oil & Gas</i>	Lease No.	Date <i>10/19/17</i>
Case <i>Jon</i>	Well # <i>3</i>	County <i>Stafford</i>
Field Order # <i>13996 A</i>	Station <i>Pratt</i>	State <i>KS</i>
Type Job <i>5/2 Production Casing</i>	Casing <i>5/2</i>	Depth <i>15.5</i>
	Formation <i>242</i>	Legal Description

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5/2</i>				Pre Pad	Max		5 Min.	
Depth <i>3725</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>89.8450</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>2000</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>5/2</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth	Packer Depth	From	To					

Customer Representative <i>Dennis Griffin</i>	Station Manager <i>Justin Westerman</i>	Treater <i>Scott Croves</i>
Service Units <i>38950 76482 816779 19903 73768</i>		
Driver Names <i>Scott Keeney - Bryan</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>8:15</i>					<i>On location Safety Meeting Rig</i>
<i>10:15</i>					<i>Run Float Equip Turbos 1,2,3,4</i>
<i>1:00</i>					<i>Break Circulation 1 hour</i>
<i>2:00</i>	<i>250</i>			<i>5.5</i>	<i>Pump H₂O Spacer</i>
<i>2:01</i>	<i>250</i>		<i>5</i>	<i>5.5</i>	<i>Pump Mud Flush</i>
<i>2:04</i>	<i>300</i>		<i>12</i>	<i>5.5</i>	<i>Pump H₂O Spacer</i>
<i>2:05</i>	<i>400</i>		<i>5</i>	<i>6.5</i>	<i>Start Cement 150 sks AAZ 142</i>
<i>2:12</i>	<i>Ø</i>		<i>41.2</i>	<i>Ø</i>	<i>Shut down</i>
<i>2:13</i>					<i>Wash pump & lines Clean</i>
<i>2:14</i>					<i>Release plug</i>
<i>2:15</i>	<i>200</i>			<i>8</i>	<i>Start Displacement</i>
<i>2:22</i>	<i>550</i>		<i>60</i>	<i>8</i>	<i>1st Pressure</i>
<i>2:24</i>	<i>500</i>		<i>80</i>	<i>3</i>	<i>Reduce Rate</i>
<i>2:28</i>	<i>700</i>		<i>89</i>	<i>3</i>	<i>Plug landed</i>
<i>2:28</i>	<i>1500</i>			<i>3</i>	<i>Pressure up on Plug</i>
<i>2:30</i>	<i>Ø</i>			<i>Ø</i>	<i>Release Pressure NO Returns</i>
<i>2:32</i>	<i>Ø</i>			<i>3</i>	<i>Plug Rat hole 30 sks 6040</i>
<i>2:34</i>	<i>Ø</i>		<i>7</i>	<i>Ø</i>	<i>Shut down</i>
<i>2:35</i>					<i>Wash up Equipment</i>
<i>2:55</i>					<i>Job Complete</i>