

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)</i> <i>(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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Form	ACO1 - Well Completion
Operator	Prairie Fire Petroleum, LLC
Well Name	LONG FARMS 1-24
Doc ID	1400961

Tops

Name	Top	Datum
Anhydrite	2208	+489
Base/Anhydrite	2239	+458
Topeka	3353	-656
Oread	3502	-805
Heebner Shale	3518	-821
Toronto	3550	-853
Lansing	3561	-864
Base/Kansas City	3760	-1063
Marmaton	3774	-1077
RTD	3819	-1122

GLOBAL OIL FIELD SERVICES, LLC

Invoice

24 S. Lincoln
RUSSELL, KS 67665

Date	Invoice #
2/26/2018	3253

Bill To
PRAIRE FIRE PETROLEUM LLC PO BOX 38 NORTON,KS 67654

SURFACE CASING

P.O. No.	Terms	Project
LONG FARMS#1-24	Due on receipt	

Quantity	Description	Rate	Amount
275	60/40 POZMIX CEMENT	13.40	3,685.00
9	CALCIUM-CHLORIDE	80.00	720.00
5	BENTONITE GEL	30.00	150.00
289	HANDLING	1.60	462.40
	BULK MILEAGE	850.00	850.00
1	TRI-PLEX PUMP CHARGE FOR SURFACE	850.00	850.00
55	HEAVY EQUIPMENT. ONE WAY	3.50	192.50
55	LMV- ONE WAY	1.75	96.25
20% DISCOUNT IF PAID WITHIN 15 DAYS OF INVOICE			
RIG ORDERED EXTRA CEMENT FOR JOB new sales tax rate as of 7-1-2015		8.50%	0.00
# 3597 2-28-18			
		Total \$5254.62	\$7,006.15

GLOBAL OIL FIELD SERVICES, LLC

3253

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT:

IR VSSC11

DATE <u>2-17-18</u>	SEC <u>24</u>	TWP. <u>T-2-S</u>	RANGE <u>27 W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Long Farms</u>	WELL #. <u>1-24</u>	LOCATION <u>West of Marquette to Rd 2300</u>			COUNTY <u>Decatur</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)			<u>N 2 3/4 East into</u>				

CONTRACTOR White Night Drilling

TYPE OF JOB surface

HOLE SIZE _____ T.D. _____

CASING SIZE 8 5/8 DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 275sx (6040) 3/4 in 2 pipes

Asker ordered extra

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

EQUIPMENT

PUMP TRUCK CEMENTER Jason

417 HELPER Jason

BULK TRUCK DRIVER Tom

473 DRIVER _____

BULK TRUCK DRIVER _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

REMARKS:

Ran 2 Jts 8 5/8, hauled up to well circulated, pumped cement displaced with H₂O circulated cement shut in at 200psi

CHARGE TO: Prairie Fire Petroleum, LLC

STREET P.O. Box 38

CITY Norton STATE KS ZIP 67654

Global Oil Field Services, LLC
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE Terry Austin

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

GLOBAL OIL FIELD SERVICES, LLC

Invoice

24 S. Lincoln
RUSSELL, KS 67665

Date	Invoice #
2/26/2018	3264

Bill To
PRAIRE FIRE PETROLEUM LLC PO BOX 38 NORTON,KS 67654

PLUG

P.O. No.	Terms	Project
LONG FARM#1-24	Due on receipt	

Quantity	Description	Rate	Amount
240	60/40 POZMIX CEMENT	13.40	3,216.00
8	BENTONITE GEL	30.00	240.00
60	FLO-SEAL	2.00	120.00
248	HANDLING	1.60	396.80
	BULK MILEAGE	700.00	700.00
1	TRI-PLEX PUMP CHARGE FOR PLUG	850.00	850.00
55	HEAVY EQUIPMENT. ONE WAY	3.50	192.50
55	LMV- ONE WAY	1.75	96.25
	25% DISCOUNT IF PAID WITHIN 15 DAYS OF INVOICE new sales tax rate as of 7-1-2015	8.50%	0.00

3596
2-28-18

Thank you for your business.

Total \$4358.67 \$5,811.55

GLOBAL OIL FIELD SERVICES, LLC

3264

REMIT TO 24 S. Lincoln
Russell, KS 67665

SERVICE POINT: Russell KS

DATE <u>2-27-18</u>	SEC. <u>24</u>	TWP. <u>2S</u>	RANGE <u>27W</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>8:55AM</u>
LEASE <u>Long Farm</u>	WELL#. <u>1-24</u>	LOCATION <u>Hwy 36 to RA 2300 North 20th</u>			COUNTY <u>Decatur</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE) <u>NEW</u>			<u>East Gate</u>				

CONTRACTOR White Knight Drilling Rig #1
TYPE OF JOB Rotary Plug
HOLE SIZE 7 7/8 T.D. 2231'
CASING SIZE DEPTH
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX. MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS
DISPLACEMENT

OWNER Praise Fire Petro LLC
CEMENT AMOUNT ORDERED 240 sks 60/40 PO2
Frage 1/2 Flow Seal per
COMMON @
POZMIX @
GEL @
CHLORIDE @
ASC @

EQUIPMENT
PUMP TRUCK CEMENTER Cody
409 HELPER Kris
BULK TRUCK DRIVER Mark
378
BULK TRUCK DRIVER
#

HANDLING @
MILEAGE @
TOTAL

REMARKS:

2231' 50SKS
1492' 100SKS
354' 50SKS
90' 10SKS wiper Plug
Ratch hole 30SKS

CHARGE TO: Praise Fire Petro LLC
STREET Po Box 39
CITY Norton STATE KS ZIP 67654

Global Oil Field Services, LLC
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____
SIGNATURE _____

SERVICE

DEPTH OF JOB _____
PUMP TRUCK CHARGE _____
EXTRA FOOTAGE @ _____
MILEAGE @ _____
MANIFOLD @ _____
TOTAL _____

PLUG & FLOAT EQUIPMENT

@ _____
@ _____
@ _____
@ _____
@ _____
TOTAL _____

SALES TAX (If Any) _____
TOTAL CHARGES _____
DISCOUNT _____ IF PAID IN 30 DAYS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prairie Fire Petroleum LLC

PO Box 38
Norton, KS 67654

ATTN: Jerry Green

24/2s/27w Decatur KS

Long Farms #1-24

Job Ticket: 63361

DST#: 1

Test Start: 2018.02.21 @ 11:10:00

GENERAL INFORMATION:

Formation: **Pollnow**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:25:45

Time Test Ended: 19:13:00

Interval: 3580.00 ft (KB) To 3604.00 ft (KB) (TVD)

Total Depth: 3604.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: James Winder

Unit No: 83

Reference Elevations: 2697.00 ft (KB)

2692.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017

Outside

Press@RunDepth: 284.74 psig @ 3581.00 ft (KB)

Start Date: 2018.02.21 End Date: 2018.02.21

Start Time: 11:10:05 End Time: 19:12:59

Capacity: 8000.00 psig

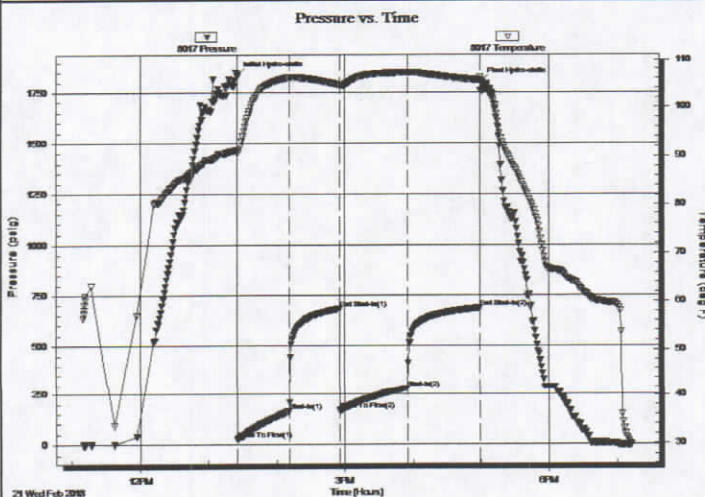
Last Calib.: 2018.02.21

Time On Btm: 2018.02.21 @ 13:25:30

Time Off Btm: 2018.02.21 @ 16:59:45

TEST COMMENT: 45 - IF: Blow built to BOB (11") at 7 1/4 min.
45 - IS: Blow back built to 1 1/2"
60 - FF: Blow built to BOB at 14 1/4 min.
60 - FS: Blow back built to 2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1837.39	91.15	Initial Hydro-static
1	23.75	90.55	Open To Flow (1)
46	162.83	106.29	Shut-In(1)
90	682.79	104.67	End Shut-In(1)
91	167.13	104.47	Open To Flow (2)
150	284.74	107.27	Shut-In(2)
214	686.71	105.70	End Shut-In(2)
215	1802.56	105.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
400.00	SMCW w /trace oil 93%w , 7%m	5.61
125.00	SO/MCW 50%w , 37%m, 8%g, 5%o	1.75
45.00	SWMC/O 93%o, 3%m, 2%w , 2%g	0.63
20.00	CO 95%o, 5%g	0.28
0.00	GIP = 165'	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prairie Fire Petroleum LLC

PO Box 38
Norton, KS 67654

ATTN: Jerry Green

24/2s/27w Decatur KS

Long Farms #1-24

Job Ticket: 63361

DST#: 1

Test Start: 2018.02.21 @ 11:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 7.60 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

35.6 deg API

Water Salinity:

115000 ppm

ft

bbbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
400.00	SMCW w/trace oil 93%w, 7%m	5.611
125.00	SO/MCW 50%w, 37%m, 8%g, 5%o	1.753
45.00	SWMC/O 93%o, 3%m, 2%w, 2%g	0.631
20.00	CO 95%o, 5%g	0.281
0.00	GIP = 165'	0.000

Total Length: 590.00 ft Total Volume: 8.276 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 32.6 api @ 30 deg F Corrected Gravity = 35.6 api

RW = .181 ohms @ 28.1 deg F Chlorides = 115,000 ppm

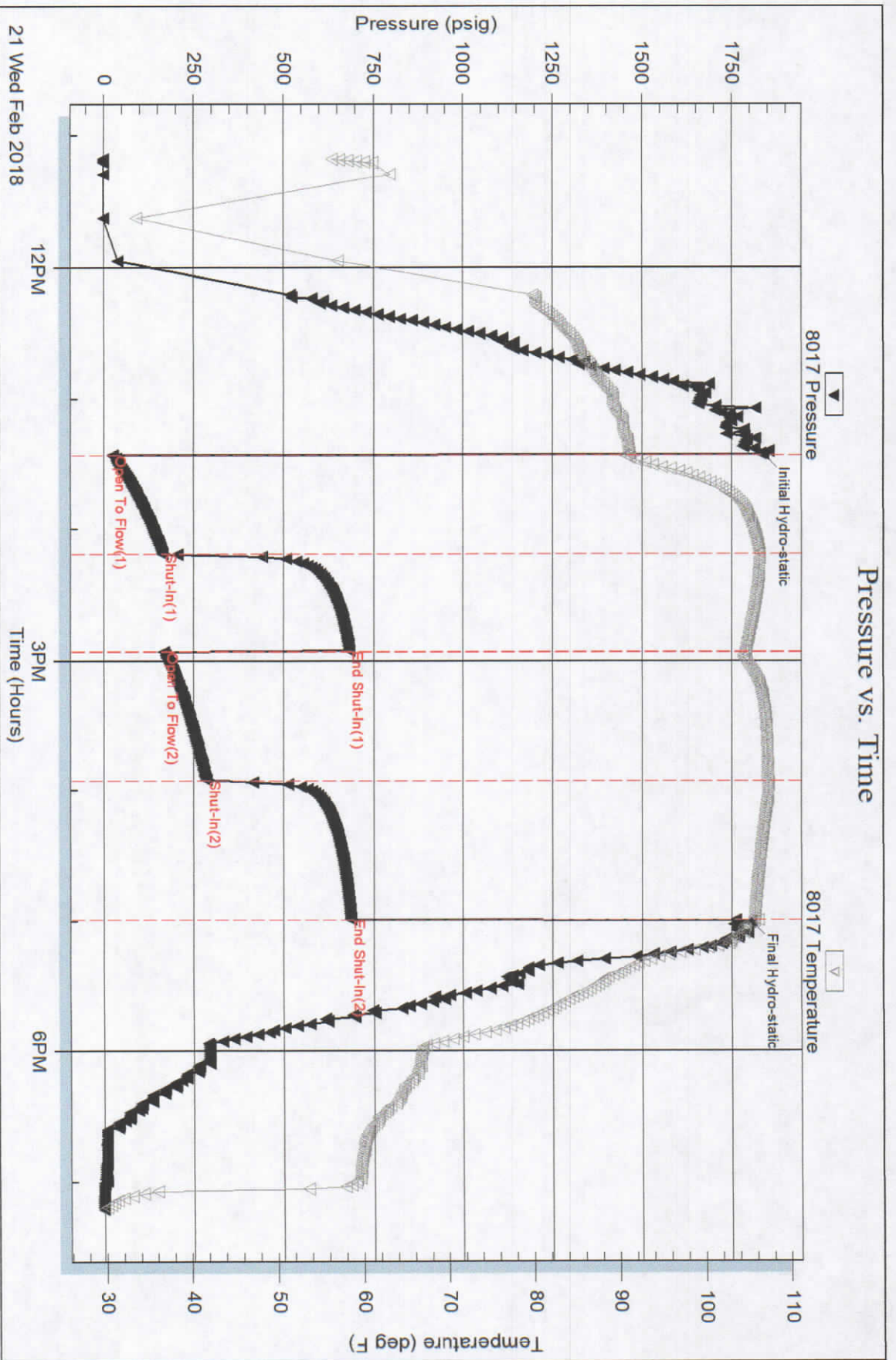
H2S gas - betw een 10 to 15 ppm at top 30 to 40 ppm at bottom

Serial #: 8017

Outside Pairie Fire Petroleum LLC

Long Farms #1-24

DST Test Number: 1



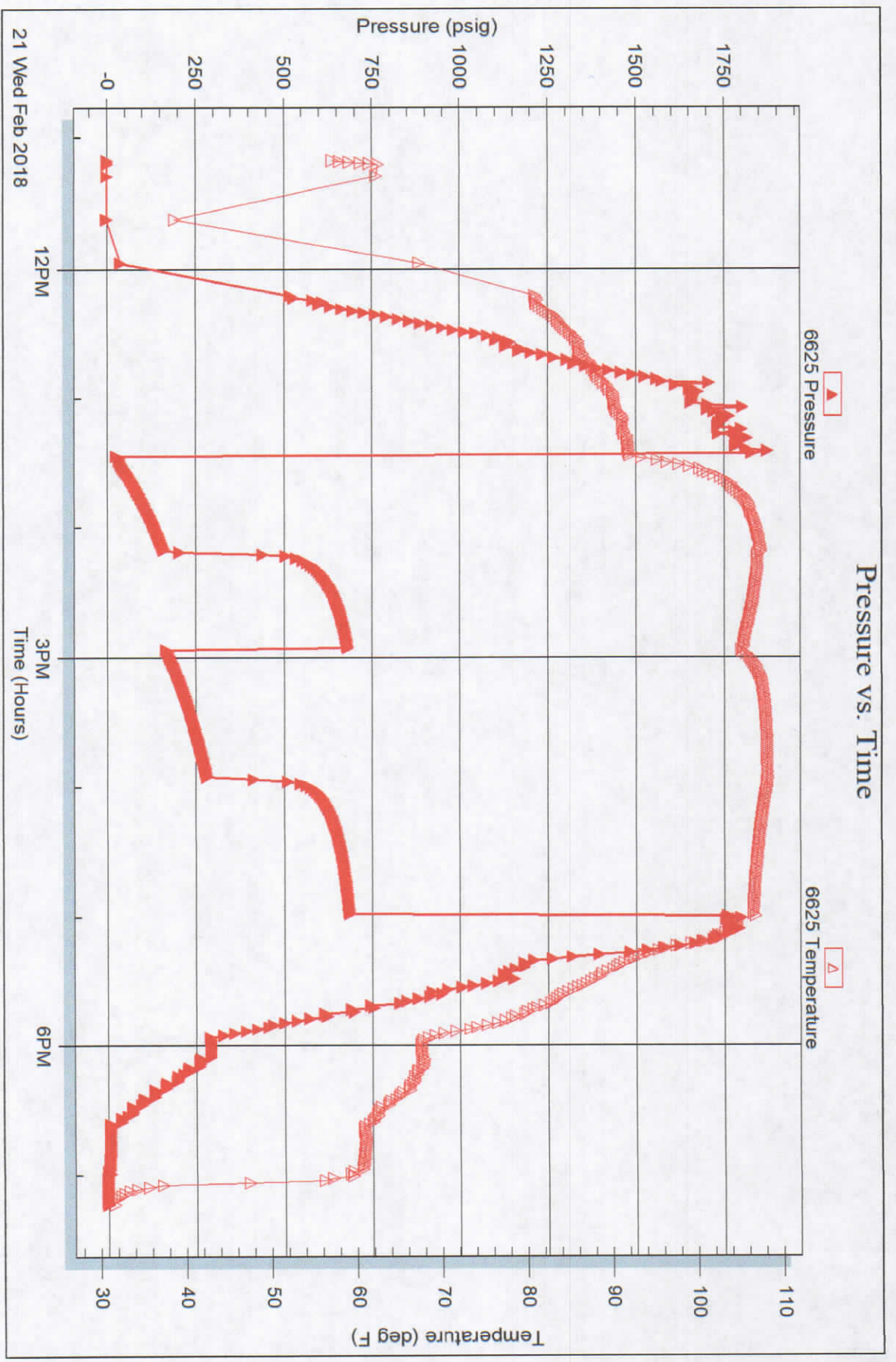
Serial #: 6625

Inside

Prairie Fire Petroleum LLC

Long Farms #1-24

DST Test Number: 1



Tribble Testing, Inc

Ref. No: 63361

Printed: 2018.02.21 @ 21:48:40



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prairie Fire Petroleum LLC

PO Box 38
Norton, KS 67654

ATTN: Jerry Green

24/2s/27w Decatur KS

Long Farms #1-24

Job Ticket: 63362

DST#: 2

Test Start: 2018.02.22 @ 16:57:00

GENERAL INFORMATION:

Formation: **Toronto - LKC "A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:59:45

Time Test Ended: 22:57:45

Test Type: Conventional Straddle (Reset)

Tester: James Winder

Unit No: 83

Interval: **3524.00 ft (KB) To 3572.00 ft (KB) (TVD)**

Total Depth: 3819.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2697.00 ft (KB)

2692.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8017 Outside

Press@RunDepth: 21.42 psig @ 3525.00 ft (KB)

Start Date: 2018.02.22

End Date: 2018.02.22

Capacity: 8000.00 psig

Last Calib.: 2018.02.22

Start Time: 16:57:05

End Time: 22:57:44

Time On Btm: 2018.02.22 @ 18:59:30

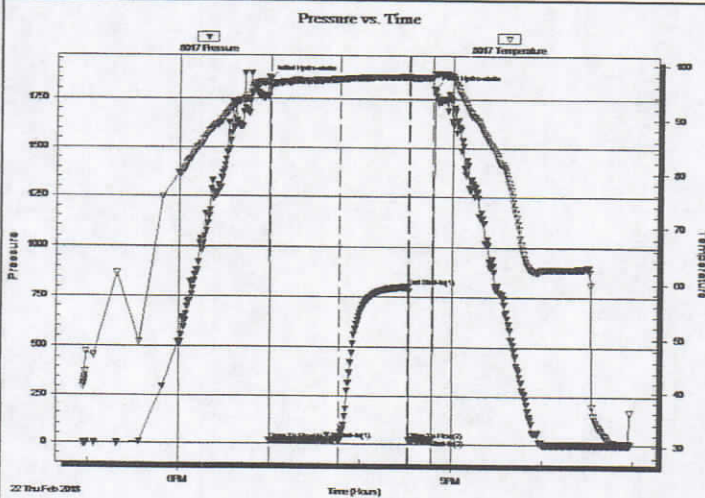
Time Off Btm: 2018.02.22 @ 20:48:00

TEST COMMENT: 45 - IF: Blow built to just over 1", died back to surface blow at close

45 - IS: No blow back

15 - FF: No blow

Pulled tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1844.64	96.51	Initial Hydro-static
1	13.67	95.66	Open To Flow (1)
47	21.42	97.18	Shut-In(1)
92	802.14	97.65	End Shut-In(1)
93	20.75	97.39	Open To Flow (2)
108	22.53	97.63	Shut-In(2)
109	1795.56	98.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100%	0.21

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Prairie Fire Petroleum LLC

24/2s/27w Decatur KS

PO Box 38
Norton, KS 67654

Long Farms #1-24

Job Ticket: 63362

DST#: 2

ATTN: Jerry Green

Test Start: 2018.02.22 @ 16:57:00

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:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud 100%	0.210

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

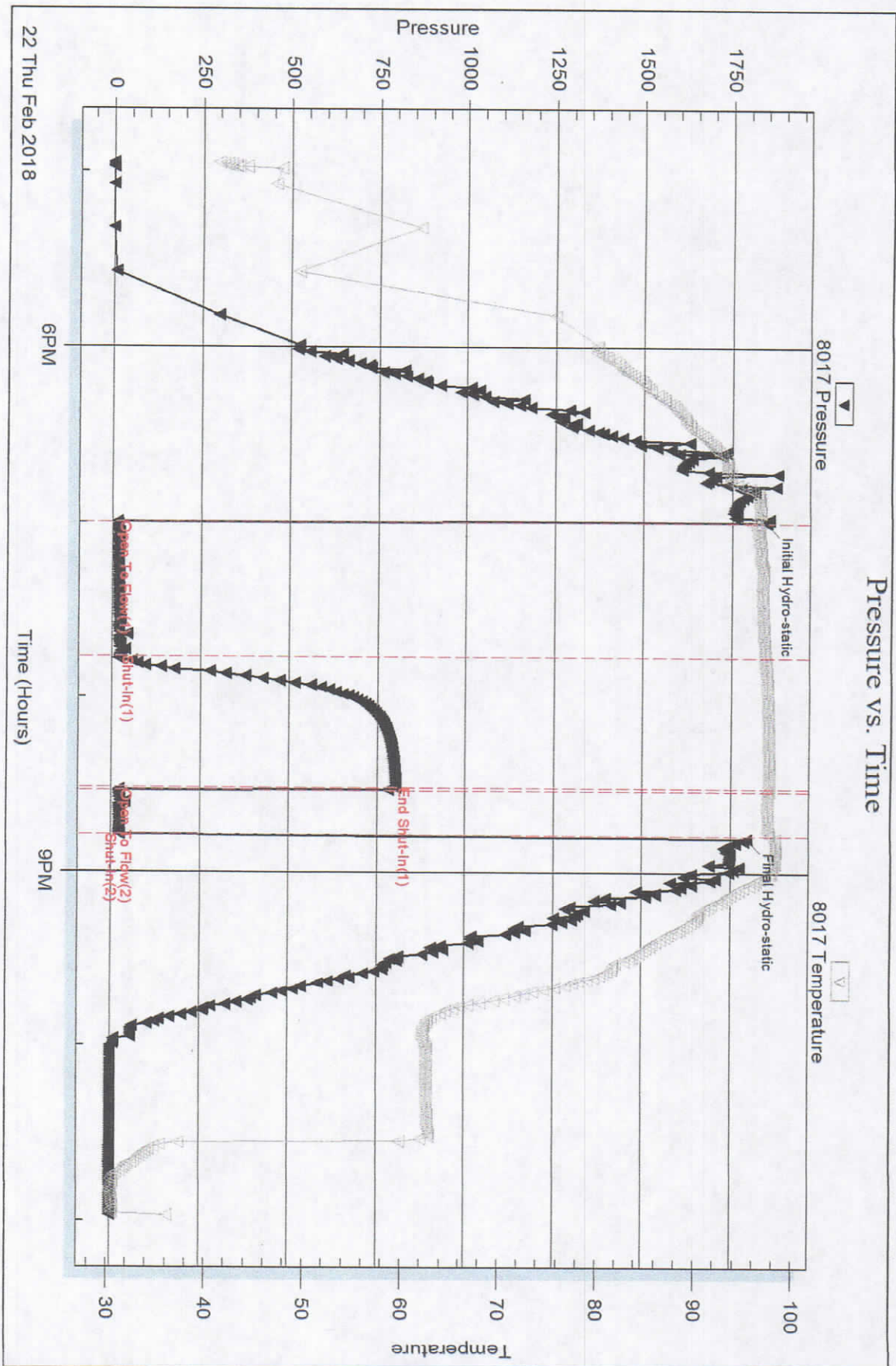
Recovery Comments:

Serial #: 8017

Outside Prairie Fire Petroleum LLC

Long Farms #1-24

DST Test Number: 2



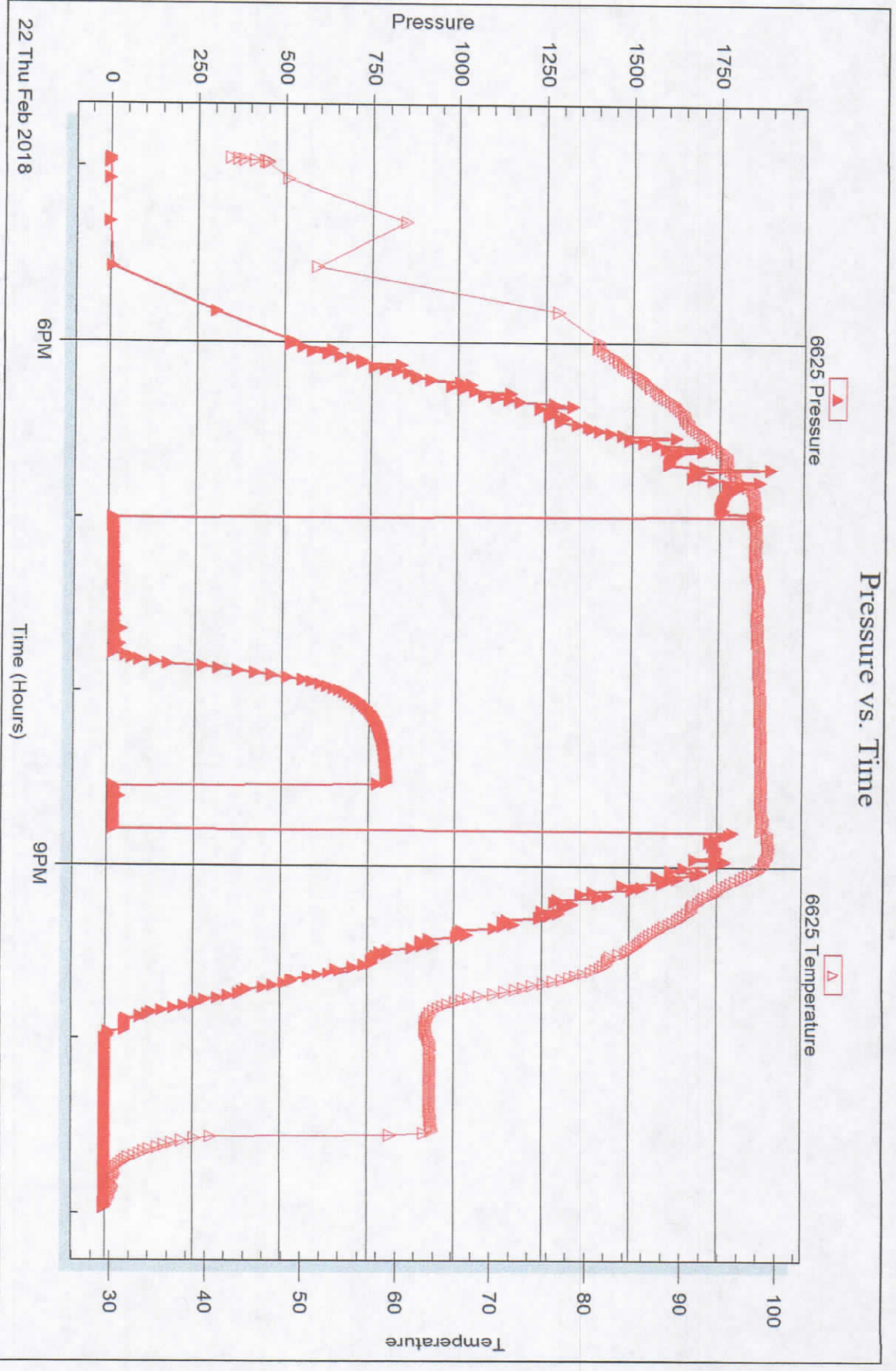
Serial #: 6625

Inside

Prairie Fire Petroleum LLC

Long Farms #1-24

DST Test Number: 2



Trioblite Testing, Inc

Ref. No: 63362

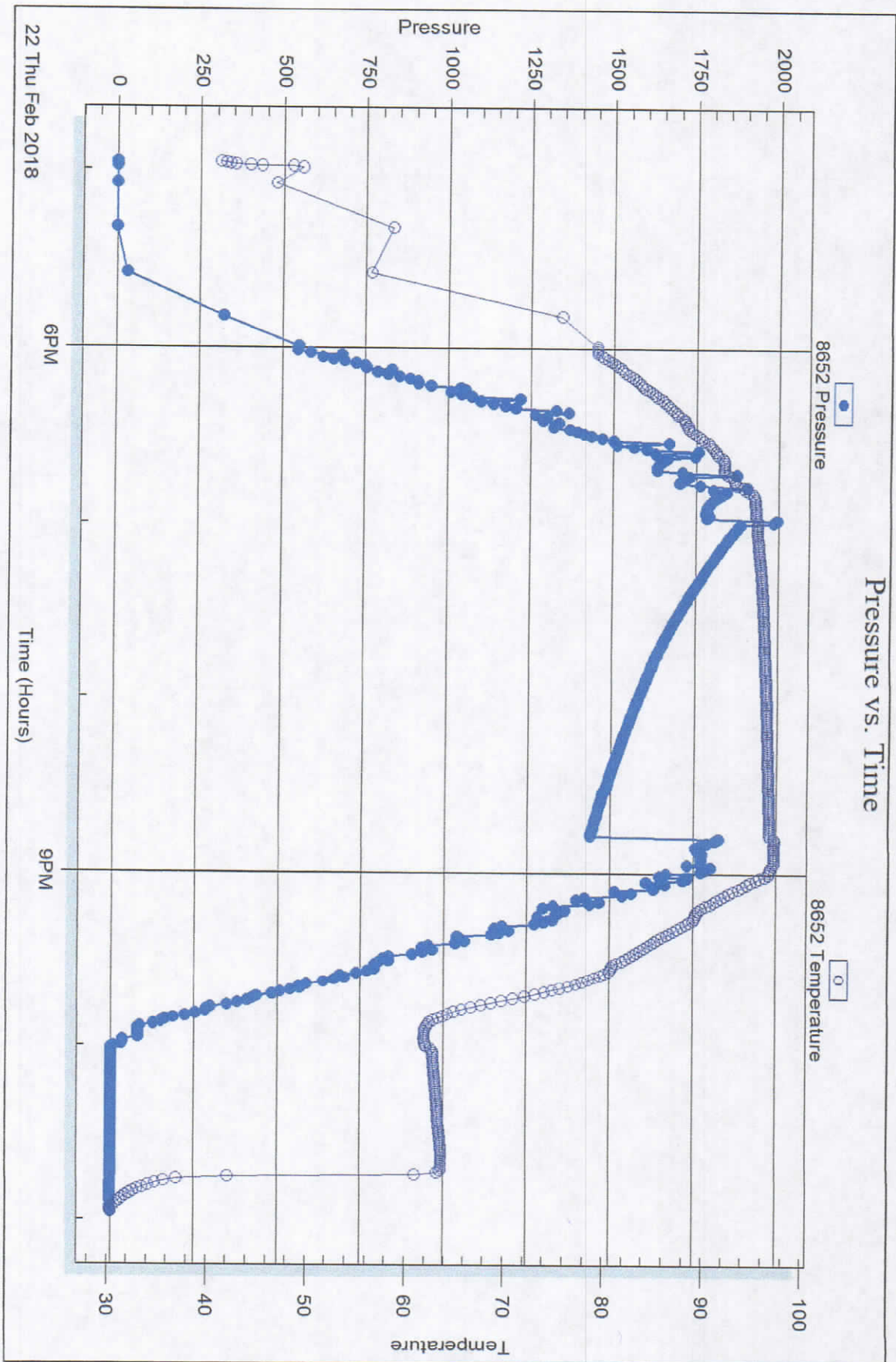
Printed: 2018.02.23 @ 09:40:25

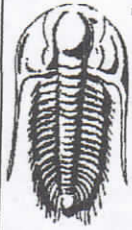
Serial #: 8652

Below (Stratified) Fire Petroleum LLC

Long Farms #1-24

DST Test Number: 2





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prairie Fire Petroleum LLC

PO Box 38
Norton, KS 67654

ATTN: Jerry Green

24/2s/27w Decatur KS

Long Farms #1-24

Job Ticket: 63363

DST#: 3

Test Start: 2018.02.22 @ 23:25:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:16:00

Time Test Ended: 08:01:45

Interval: **3603.00 ft (KB) To 3620.00 ft (KB) (TVD)**

Total Depth: 3819.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Straddle (Reset)

Tester: James Winder

Unit No: 83

Reference Elevations: 2697.00 ft (KB)

2692.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: **8017** Outside

Press@RunDepth: 82.99 psig @ 3604.00 ft (KB)

Start Date: 2018.02.22

End Date:

2018.02.23

Capacity: 8000.00 psig

Last Calib.: 2018.02.23

Start Time: 23:25:05

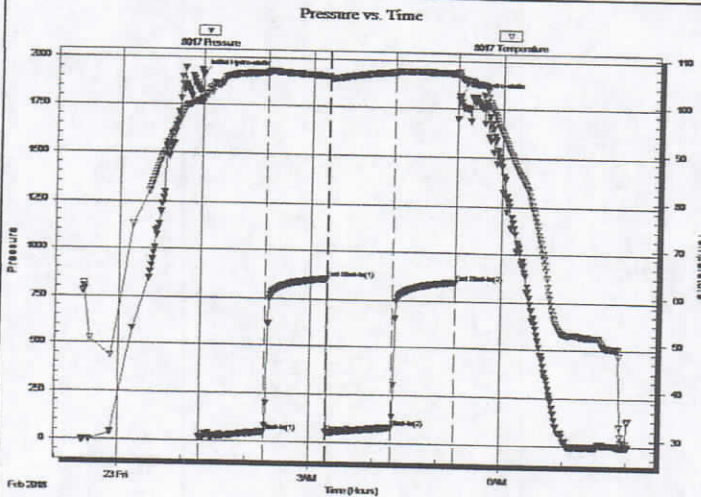
End Time:

08:01:45

Time On Btm: 2018.02.23 @ 01:15:45

Time Off Btm: 2018.02.23 @ 05:18:00

TEST COMMENT: 60 - IF: Blow built to 8" (Diesel in bucket)
60 - IS: No blow back
60 - FF: Blow built to 4 1/4"
60 - FS: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1912.06	100.69	Initial Hydro-static
1	17.43	100.14	Open To Flow (1)
62	50.48	106.51	Shut-In(1)
120	852.80	105.97	End Shut-In(1)
121	50.78	105.63	Open To Flow (2)
182	82.99	106.95	Shut-In(2)
241	845.55	106.89	End Shut-In(2)
243	1818.02	106.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
145.00	SMCW w /trace oil 93%w , 7%m	2.03

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Prairie Fire Petroleum LLC

24/2s/27w Decatur KS

PO Box 38
Norton, KS 67654

Long Farms #1-24

Job Ticket: 63363

DST#: 3

ATTN: Jerry Green

Test Start: 2018.02.22 @ 23:25:00

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:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.59 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
145.00	SMCW w/trace oil 93%w, 7%m	2.034

Total Length: 145.00 ft Total Volume: 2.034 bbl

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

Laboratory Name: Laboratory Location:

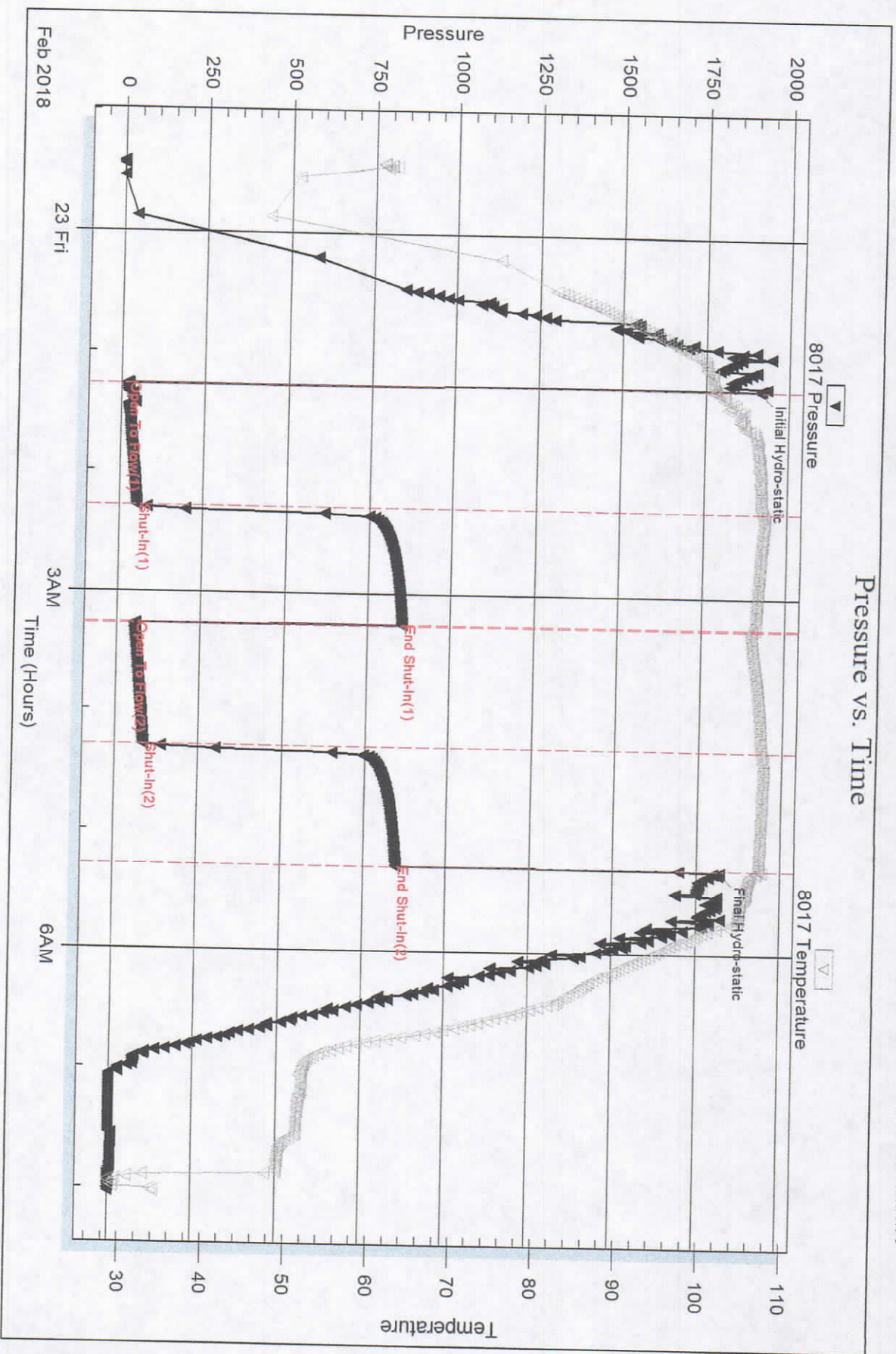
Recovery Comments: RW = .195 ohms @ 22.7 deg F
Chlorides = 115,000 ppm

Serial #: 8017

Outside Prairie Fire Petroleum LLC

Long Farms #1-24

DST Test Number: 3



Trilobe Testing, Inc

Ref. No: 63363

Printed: 2018.02.23 @ 09:37:16

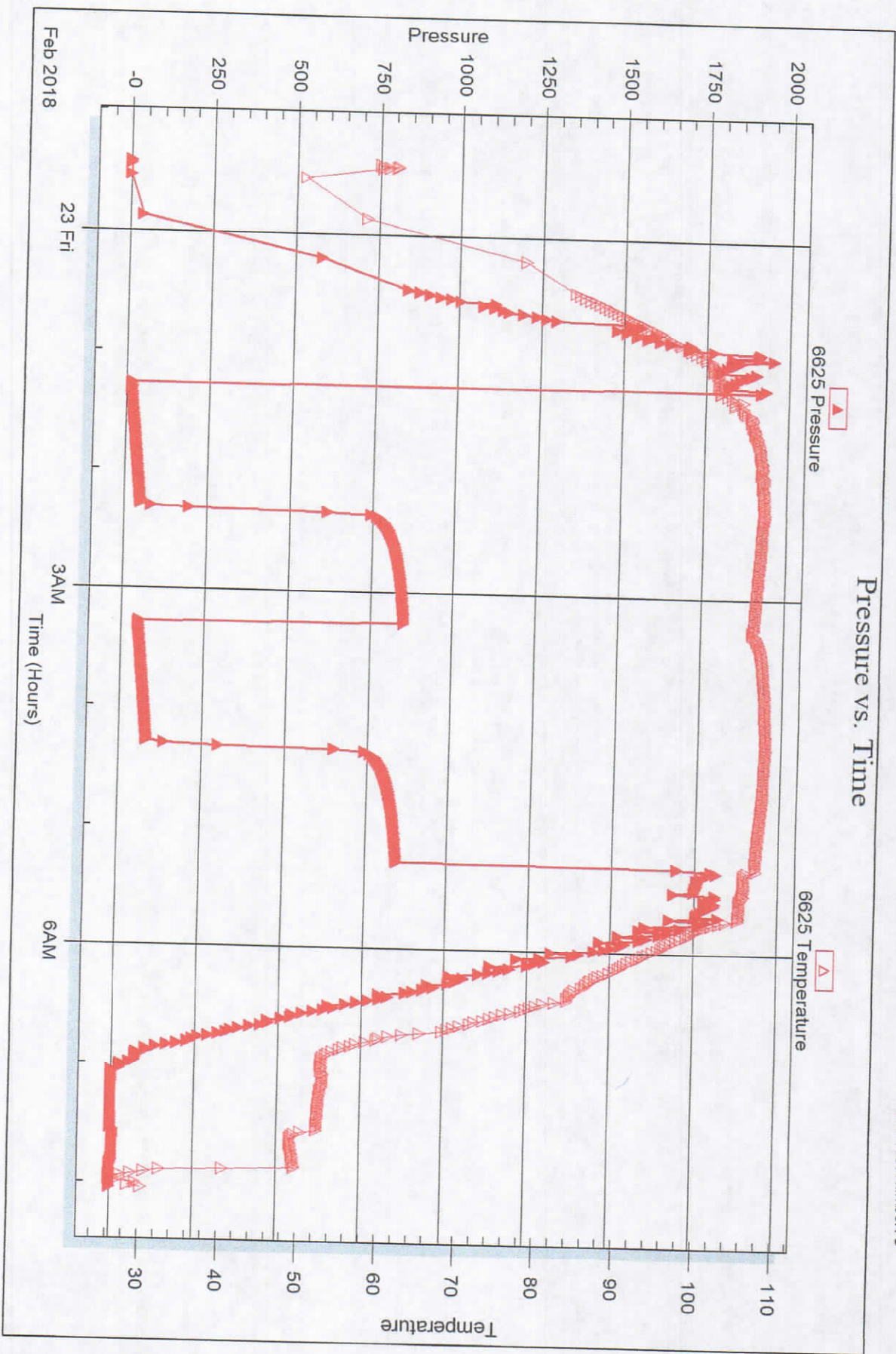
Serial #: 6625

Inside

Prairie Fire Petroleum LLC

Long Farms #1-24

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 63363

Printed: 2018.02.23 @ 09:37:16

Serial #: 8652

Below (Stratified) Fire Petroleum LLC

Long Farms #1-24

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 63363

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