

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 _____ 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
--	---

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	Funk Petroleum, LLC
Well Name	WIEKAN 1-10
Doc ID	1319990

All Electric Logs Run

DIL
DUCP
MEL
Sonic



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 9/22/2016
 Invoice # 1780

P.O.#:
 Due Date: 10/22/2016
 Division: Russell

Invoice

Contact:

Address/Job Location:

Funk Petroleum
 2110 N. 1184 Rd.
 Eudora KS 66025

Reference:
 WIEKAN 1-10 SEC 10-9-35

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 662.95	No				
Common-Class A	180	\$ 1,903.07	Yes				
Calcium Chloride	9	\$ 321.00	Yes				
POZ Mix-Standard	45	\$ 200.63	Yes				
Bulk Truck Matl-Material Service Charge	238	\$ 151.58	No				
Pump Truck Mileage-Job to Nearest Camp	40	\$ 114.64	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	40	\$ 89.17	No				
Premium Gel (Bentonite)	4	\$ 73.88	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 3,516.92

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (87.92)

SubTotal for Taxable Items: \$ 2,436.11

SubTotal for Non-Taxable Items: \$ 992.89

Total: \$ 3,429.00

Tax: \$ 182.71

7.50% Thomas County Sales Tax

Amount Due: \$ 3,611.71

Applied Payments:

Balance Due: \$ 3,611.71

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
 ©2008-2013 Straker Investments, LLC. All rights reserved.

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1780

Date	Sec.	Twp.	Range	County	State	On Location	Finish
9-22-16	10	9	35	Thomas	KS		1:45 AM

Location *Levant E-J-70 65 LW*

Lease	Well No.	Owner	
<i>Wrehan</i>	<i>1-10</i>	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Contractor		Charge To	
<i>Munin #7</i>		<i>Funk Petroleum</i>	
Type Job	T.D.	Street	
<i>Surface</i>	<i>303</i>		
Hole Size	Depth	City	
<i>12 1/4</i>	<i>302</i>	State	
Csg.	Depth	The above was done to satisfaction and supervision of owner agent or contractor.	
<i>8 5/8</i>		Cement Amount Ordered <i>225 8/20 3/11 2/11</i>	
Tbg. Size	Shoe Joint		
Tool			
Cement Left in Csg.			
<i>15'</i>			
Meas Line	Displace		
	<i>18 1/4 B/L</i>		

EQUIPMENT

Pumptrk	No.	Cement Helper	Common
<i>20</i>		<i>2</i>	<i>180</i>
Bulktrk	No.	Driver	Poz. Mix
		<i>1</i>	<i>45</i>
Bulktrk	No.	Driver	Gel.
<i>15</i>		<i>1</i>	<i>4</i>
		Driver	Calcium
		<i>1</i>	<i>9</i>

JOB SERVICES & REMARKS

Remarks:	Hulls
	Salt
Rat Hole	Flowseal
Mouse Hole	Kol-Seal
Centralizers	Mud CLR 48
Baskets	CFL-117 or CD110 CAF 38
D/V or Port Collar	Sand
	Handling <i>138</i>
<i>8 5/8 on bottom EST Circulator</i>	Mileage
<i>Mix 225 SK + DISPLAC</i>	

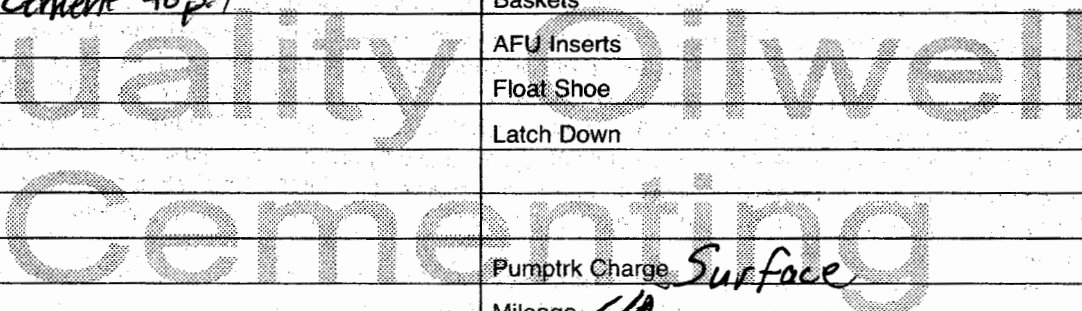
FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge *Surface*
Mileage *40*

Tax
Discount
Total Charge

X Signature *Kelly Wilson*





ALLIED OFS, LLC

Federal Tax I.D. #81-2169190

68118

REMIT TO: Allied OFS, LLC
P.O. Box 205803
Dallas, TX 75320-5803

SERVICE POINT: Oraker

DATE <u>9-29-16</u>	SEC. <u>10</u>	TWP. <u>9S</u>	RANGE <u>35W</u>	CALLED OUT	ON LOCATION <u>1:00 PM</u>	JOB START <u>4:00 PM</u>	JOB FINISH <u>5:00 PM</u>
WIKRAN	WELL # <u>1-10</u>	LOCATION <u>Levant Gas 1W into</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
LEASE							
OLD OR NEW (Circle one) <u>(NEW)</u>							

CONTRACTOR Murfin 7
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8 T.D. 4900'
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE 4 1/2 DEPTH 2850'
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS. _____
 DISPLACEMENT _____

OWNER Same
 CEMENT
 AMOUNT ORDERED 255 SKS 60/40
490 gel 1/4 FLO-seal

EQUIPMENT
 PUMP TRUCK CEMENTER Andrew Tristram
 # 431 HELPER Wayne McElshy
 BULK TRUCK
 # 323 DRIVER Monty Phillips
 BULK TRUCK
 # _____ DRIVER _____

COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
490 490 gel 255 SKS @ 18.92 4824.60
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL 5014.68
 DISCOUNT 30% 1504.40

REMARKS:

50 SKS @ 2850'
100 SKS @ 1925'
50 SKS @ 350'
10 SKS @ 40'
15 SKS mouse hole
30 SKS Rat hole

SERVICE
 HANDLING 273.82 04/16 @ 2.48 679.19
 MILEAGE 2.25 TON/mile 11.43 TON 1100 1.3
 DEPTH OF JOB 2850'
 PUMP TRUCK CHARGE _____ 2483.59
 EXTRA FOOTAGE _____ @ _____
 HV MILEAGE 35 miles @ 7.70 269.50
 LV MILEAGE 35 miles @ 4.40 154.00
 _____ @ _____
 _____ @ _____

TOTAL 4,686.41
 DISCOUNT 30% 1405.92

CHARGE TO: Funk Petroleum
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

8 5/8
1 Dryhole Plug @ _____ 110.00
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____

TOTAL 110.00
 DISCOUNT 0% 0

To: Allied OFS, 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 KELLY WILSON
 SIGNATURE Kelly Wilson

SALES TAX (If Any) _____
 TOTAL CHARGES 9,811.09
 DISCOUNT 2,910.32 (30%) IF PAID IN 30 DAYS
 NET TOTAL 6,900.76 IF PAID IN 30 DAYS

Thomas J. Funk
Petroleum Geologist

Geologists' Report
Drilling Time and Sample Log

OPERATOR Funk Petroleum, LLC

LEASE Wiekan

FIELD Wildcat

LOCATION 100' FSL & 407' FWL

SEC. 10

COUNTY Thomas

CONTRACTOR Murfin Dig Co. Rig #7

COMD 9/21/16

RTD 4900'

SAMPLES SAVED FROM 3800'

DRILLING TIME KEPT FROM 3800'

SAMPLES EXAMINED FROM 3800'

GEOLOGICAL SUPERVISION FROM 3800'

MUD UP 3400'

LOG

TOP DATUM

LOG

TOP DATUM

LOG

TOP DATUM

ELEVATION	
KB 3337'	
DF	
GL 3332'	
Measurements Are All From KB	

CASING RECORD SURFACE	
8 5/8" at 303'KB w/255x	
PRODUCTION	
None	
ELECTRICAL SURVEYS	
Pioneer Energy Serv.	
DIL	MEL
DUQP	Sonic

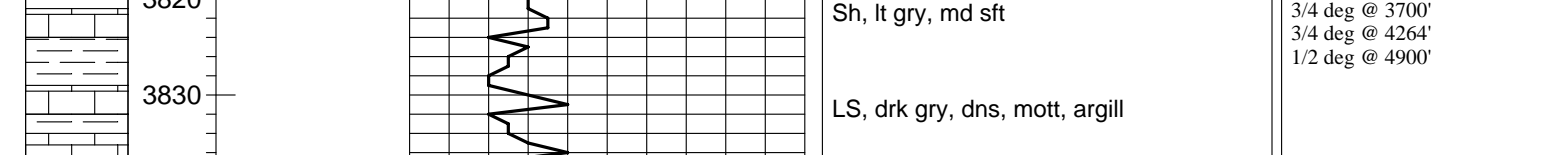
FORMATION	LOG	SAMPLE
Anhydrite	2822 (+515)	2829 (+508)
Baryhydrite	2852 (+485)	2854 (+483)
Toppekka	3919 (-582)	3920 (-583)
Heebner Sh	4122 (-789)	4126 (-789)
Lansing	4160 (-823)	4162 (-825)
Muncie Creek	4294 (-957)	4297 (-960)
Start Sh	4376 (-1039)	4379 (-1042)
Marmaton	4487 (-1150)	4487 (-1150)
Pawnee	4561 (-1284)	4563 (-1226)
Cherokee Sh	4652 (-1315)	4654 (-1317)
Johnson Zone	4695 (-1358)	4699 (-1362)
Mississippian	4802 (-1465)	4804 (-1467)



Daily Progress		NO. Stretches		Type		Begin/End		Feet		Hours	
Date	Depth	1	2	1/4"	3/4"	Start	End	Start	End	Start	End
9/21/16	Spud	1	12	1/4"	HTC	VM-1	303	303	303	3:25	
9/22/16	303' WOC	2	7	7/8"	HTC	DF506	3700	3397	3397	27:75	
9/23/16	2830'	3	7	7/8"	HTC	GX20c	4900	1200	1200	53	
9/24/16	3925'										
9/25/16	4264'										
9/26/16	4405'										
9/27/16	4525'										
9/28/16	4740'										
9/29/16	4900' TD										

Remarks And Recommendations:
 Based on sample examination, DST results, and log analysis it was decided to plug and abandon the #1-10 Wiekan.

LEGEND

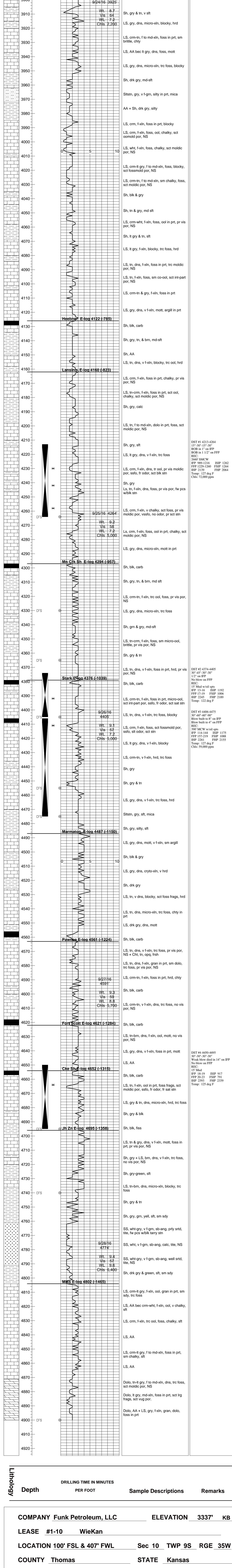


Lithology

DRILLING TIME IN MINUTES PER FOOT

Sample Descriptions

Remarks



Lithology

DRILLING TIME IN MINUTES PER FOOT

Sample Descriptions

Remarks

COMPANY Funk Petroleum, LLC	ELEVATION 3337'	KB
LEASE #1-10 Wiekan		
LOCATION 100' FSL & 407' FWL	Sec 10	TWP 9S
COUNTY Thomas	STATE Kansas	RGE 35W



DRILL STEM TEST REPORT

Prepared For: **Funk Petroleum, LLC**

2110 N 1184th St
Eudora, KS 66025

ATTN: Tom Funk

WieKan #1-10

10-9s-35w Thomas,KS

Start Date: 2016.09.25 @ 01:39:00

End Date: 2016.09.25 @ 09:00:30

Job Ticket #: 65567 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.09.28 @ 16:08:59



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65567

DST#: 1

ATTN: Tom Funk

Test Start: 2016.09.25 @ 01:39:00

GENERAL INFORMATION:

Formation: **LKC E - F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:38:00

Time Test Ended: 09:00:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 4213.00 ft (KB) To 4264.00 ft (KB) (TVD)

Reference Elevations: 3337.00 ft (KB)

Total Depth: 4264.00 ft (KB) (TVD)

3332.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press@RunDepth: 1260.99 psig @ 4214.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.09.25

End Date:

2016.09.25

Last Calib.:

2016.09.25

Start Time: 01:39:05

End Time:

09:00:29

Time On Btm:

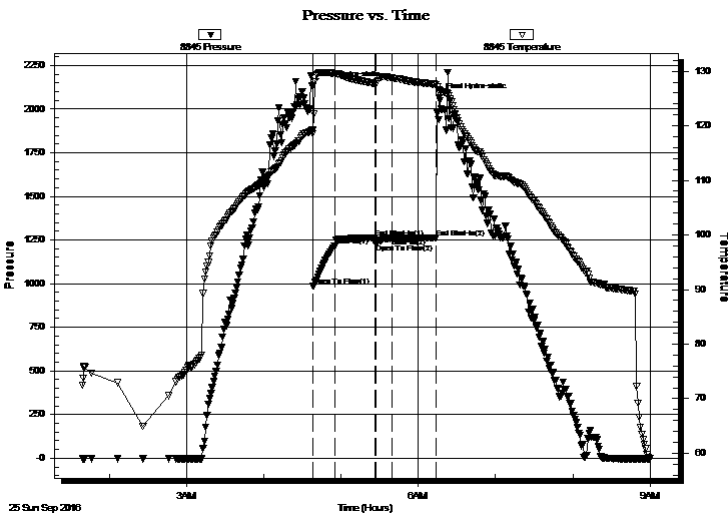
2016.09.25 @ 04:37:15

Time Off Btm:

2016.09.25 @ 06:16:00

TEST COMMENT: IF: BOB @ 1 min.
IS: No return.
FF: BOB @ 1 1/2 min.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2135.74	119.20	Initial Hydro-static
1	988.52	118.59	Open To Flow (1)
18	1216.06	129.57	Shut-In(1)
50	1261.56	127.76	End Shut-In(1)
50	1229.35	127.75	Open To Flow (2)
63	1260.99	128.75	Shut-In(2)
97	1264.06	127.58	End Shut-In(2)
99	2064.03	126.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2660.00	smcw 2m 98w (oil speks in tool)	35.61

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65567

DST#: 1

ATTN: Tom Funk

Test Start: 2016.09.25 @ 01:39:00

Tool Information

Drill Pipe:	Length: 4021.00 ft	Diameter: 3.80 inches	Volume: 56.40 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: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.32 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4213.00 ft			Final 68000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	51.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4194.00	
Shut In Tool	5.00			4199.00	
Hydraulic tool	5.00			4204.00	
Packer	5.00			4209.00	20.00 Bottom Of Top Packer
Packer	4.00			4213.00	
Stubb	1.00			4214.00	
Recorder	0.00	8365	Inside	4214.00	
Recorder	0.00	8845	Outside	4214.00	
Perforations	14.00			4228.00	
Change Over Sub	1.00			4229.00	
Drill Pipe	31.00			4260.00	
Change Over Sub	1.00			4261.00	
Bullnose	3.00			4264.00	51.00 Bottom Packers & Anchor

Total Tool Length: 71.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65567

DST#: 1

ATTN: Tom Funk

Test Start: 2016.09.25 @ 01:39:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

72000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2660.00	smcw 2m 98w (oil speks in tool)	35.609

Total Length: 2660.00 ft Total Volume: 35.609 bbl

Num Fluid Samples: 0

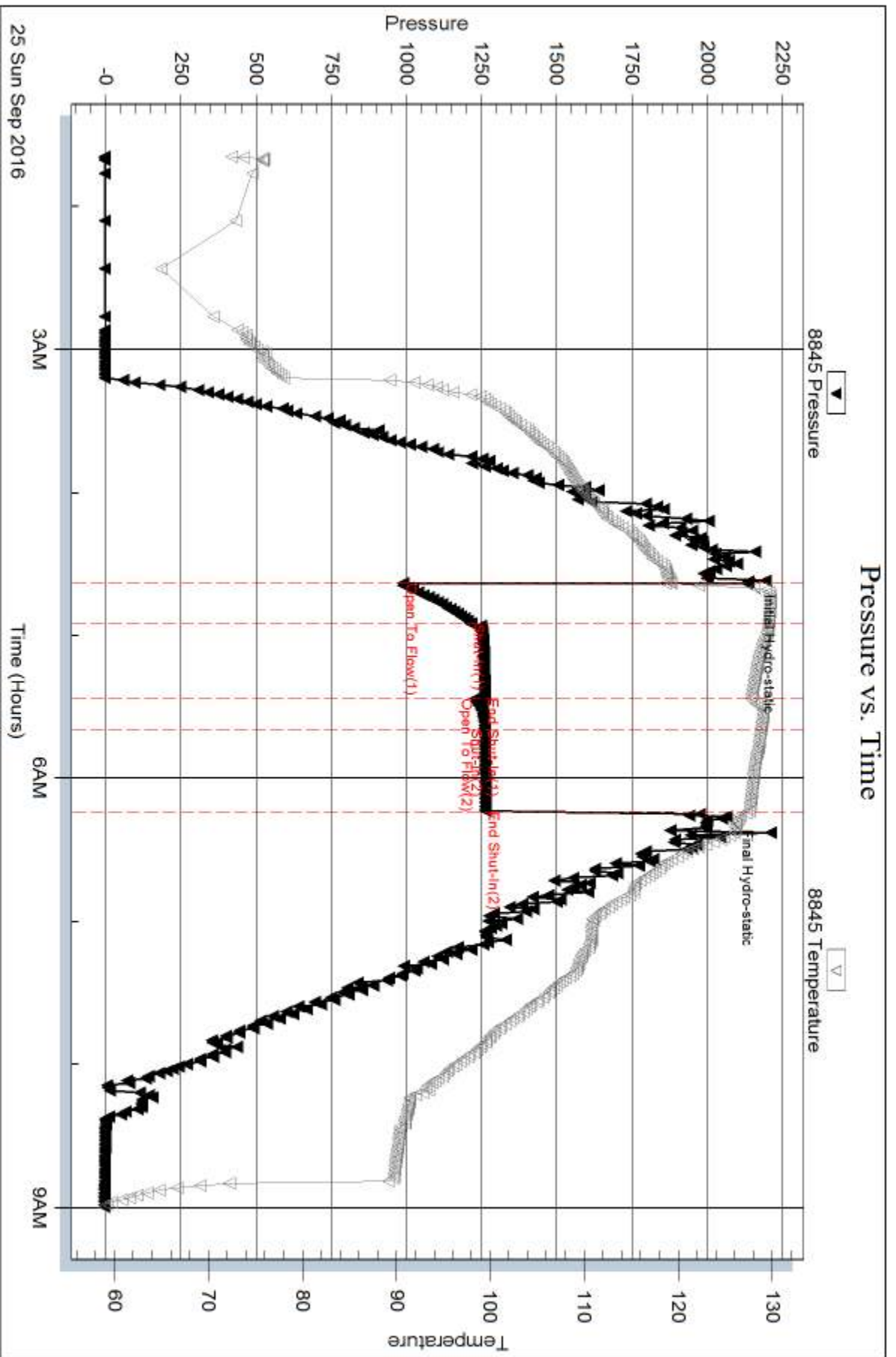
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .150 @49f = 72000ppm



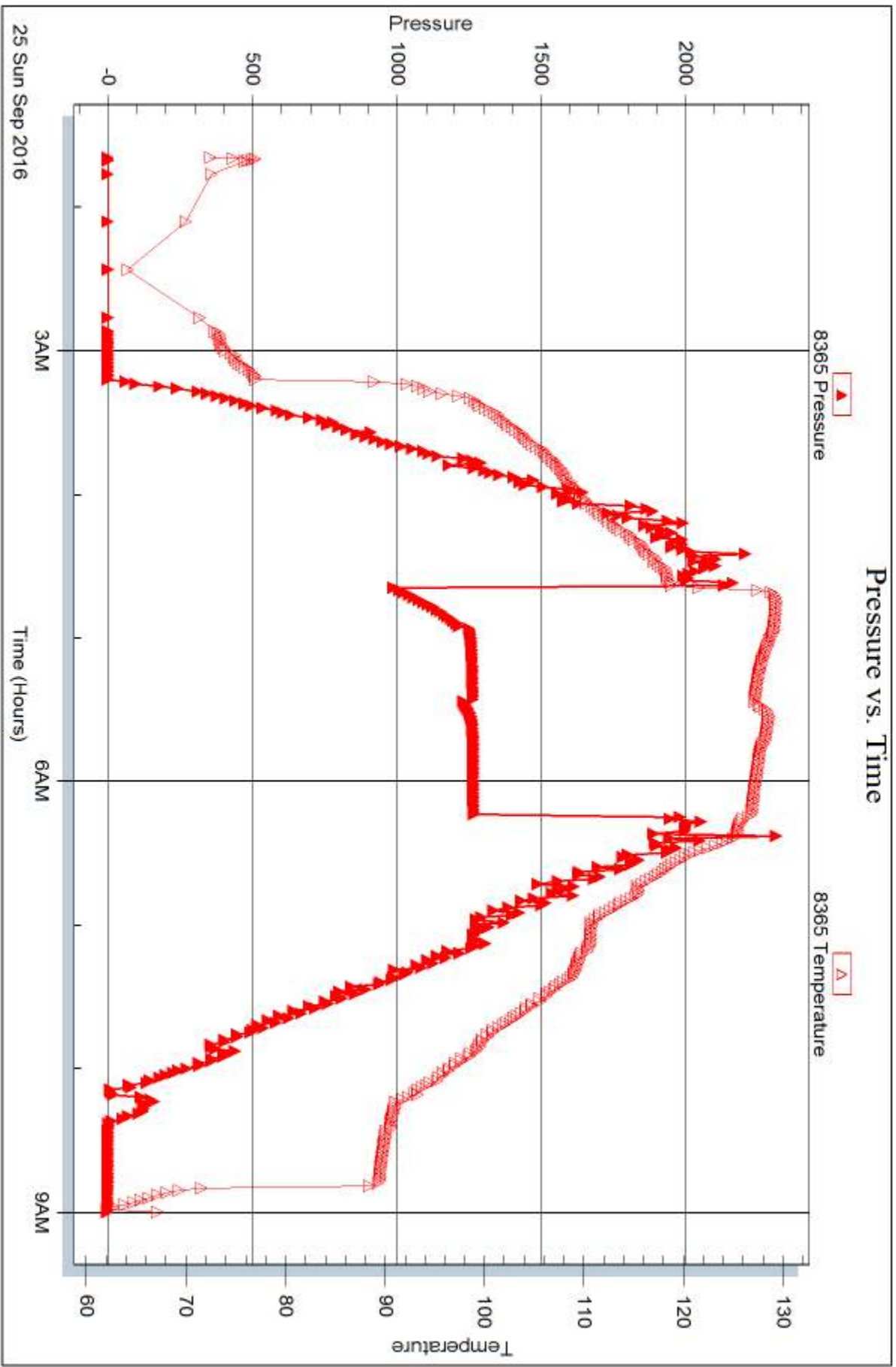
Serial #: 8365

Inside

Funk Petroleum, LLC

Wellbore #1-10

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 65567

Printed: 2016.09.28 @ 16:09:01



DRILL STEM TEST REPORT

Prepared For: **Funk Petroleum, LLC**

2110 N 1184th St
Eudora, KS 66025

ATTN: Tom Funk

WieKan #1-10

10-9s-35w Thomas,KS

Start Date: 2016.09.25 @ 22:20:00

End Date: 2016.09.26 @ 06:07:15

Job Ticket #: 65568 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.09.28 @ 16:05:27



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65568

DST#: 2

ATTN: Tom Funk

Test Start: 2016.09.25 @ 22:20:00

GENERAL INFORMATION:

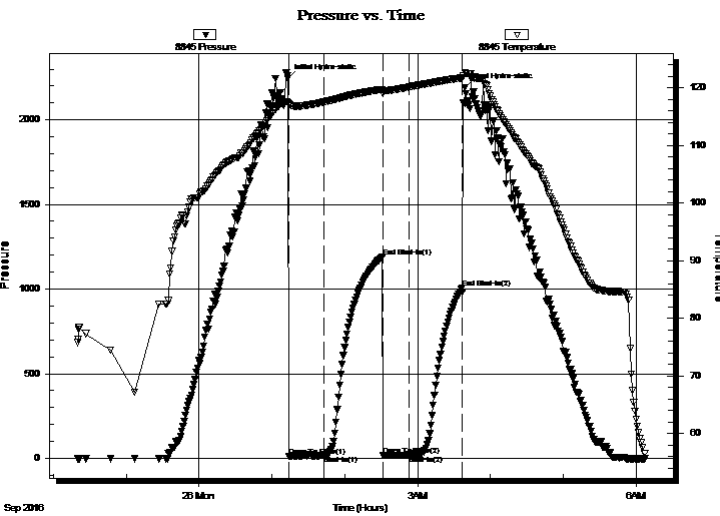
Formation: **LKC K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 01:13:45
 Time Test Ended: 06:07:15
 Interval: **4374.00 ft (KB) To 4405.00 ft (KB) (TVD)**
 Total Depth: 4405.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 78
 Reference Elevations: 3337.00 ft (KB)
 3332.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8845

Outside

Press@RunDepth: 19.42 psig @ 4375.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2016.09.25 End Date: 2016.09.26 Last Calib.: 2016.09.26
 Start Time: 22:20:05 End Time: 06:07:14 Time On Btm: 2016.09.26 @ 01:13:15
 Time Off Btm: 2016.09.26 @ 03:39:00

TEST COMMENT: IF: 1/2" blow .
 IS: No return.
 FF: No blow .
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2245.42	117.48	Initial Hydro-static
1	13.22	117.15	Open To Flow (1)
30	16.02	117.54	Shut-In(1)
78	1191.88	119.75	End Shut-In(1)
78	16.60	119.00	Open To Flow (2)
100	19.42	120.13	Shut-In(2)
144	1006.04	121.73	End Shut-In(2)
146	2189.26	122.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud 100m (oil spots)	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65568

DST#: 2

ATTN: Tom Funk

Test Start: 2016.09.25 @ 22:20:00

Tool Information

Drill Pipe:	Length: 4180.00 ft	Diameter: 3.80 inches	Volume: 58.63 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: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 59.55 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	13.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	4374.00 ft			Final 60000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	51.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4355.00	
Shut In Tool	5.00			4360.00	
Hydraulic tool	5.00			4365.00	
Packer	5.00			4370.00	20.00 Bottom Of Top Packer
Packer	4.00			4374.00	
Stubb	1.00			4375.00	
Recorder	0.00	8365	Inside	4375.00	
Recorder	0.00	8845	Outside	4375.00	
Perforations	27.00			4402.00	
Bullnose	3.00			4405.00	31.00 Bottom Packers & Anchor
Total Tool Length:	51.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65568

DST#: 2

ATTN: Tom Funk

Test Start: 2016.09.25 @ 22:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
15.00	Mud 100m (oil spots)	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbf

Num Fluid Samples: 0

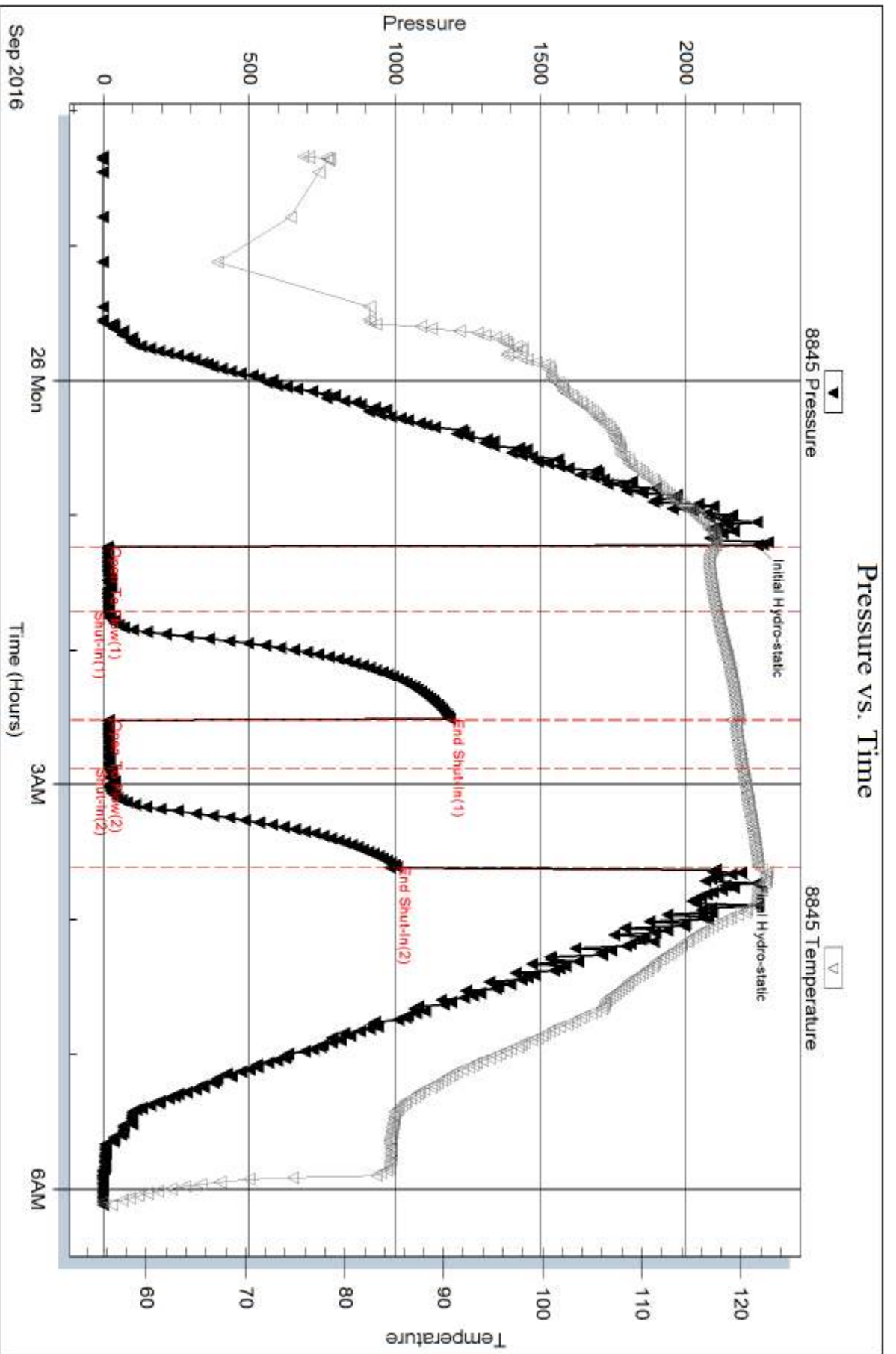
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



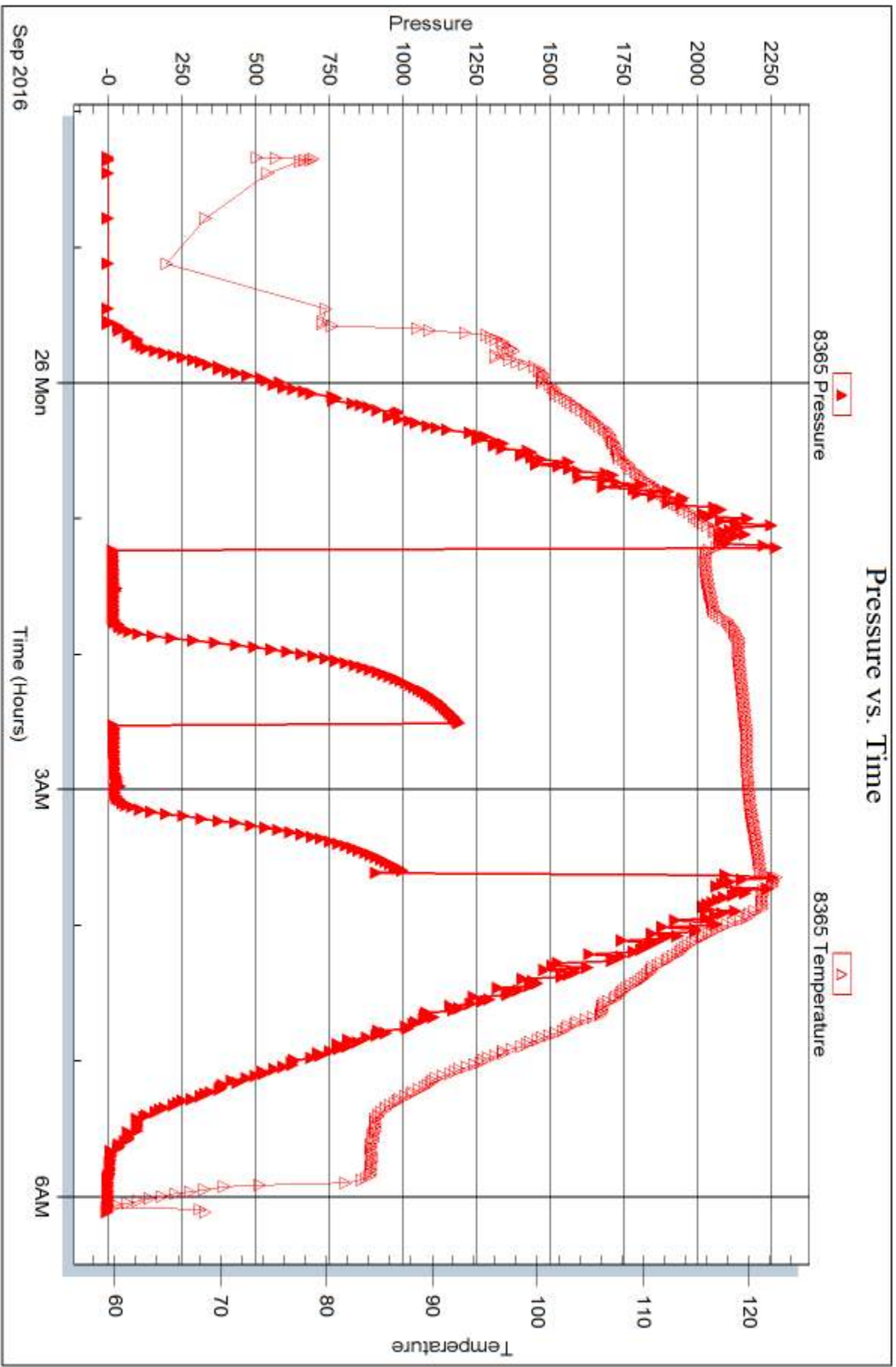
Serial #: 8365

Inside

Funk Petroleum, LLC

WellKan #1-10

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 65568

Printed: 2016.09.28 @ 16:05:29



DRILL STEM TEST REPORT

Prepared For: **Funk Petroleum, LLC**

2110 N 1184th St
Eudora, KS 66025

ATTN: Tom Funk

WieKan #1-10

10-9s-35w Thomas,KS

Start Date: 2016.09.26 @ 16:22:00

End Date: 2016.09.27 @ 01:06:00

Job Ticket #: 65569 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.09.28 @ 16:04:29



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65569

DST#: 3

ATTN: Tom Funk

Test Start: 2016.09.26 @ 16:22:00

GENERAL INFORMATION:

Formation: **LKC L - Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:23:15

Time Test Ended: 01:06:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4406.00 ft (KB) To 4475.00 ft (KB) (TVD)

Reference Elevations: 3337.00 ft (KB)

Total Depth: 4475.00 ft (KB) (TVD)

3332.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press@RunDepth: 219.03 psig @ 4407.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.09.26

End Date:

2016.09.27

Last Calib.:

2016.09.27

Start Time: 16:22:05

End Time:

01:06:00

Time On Btm:

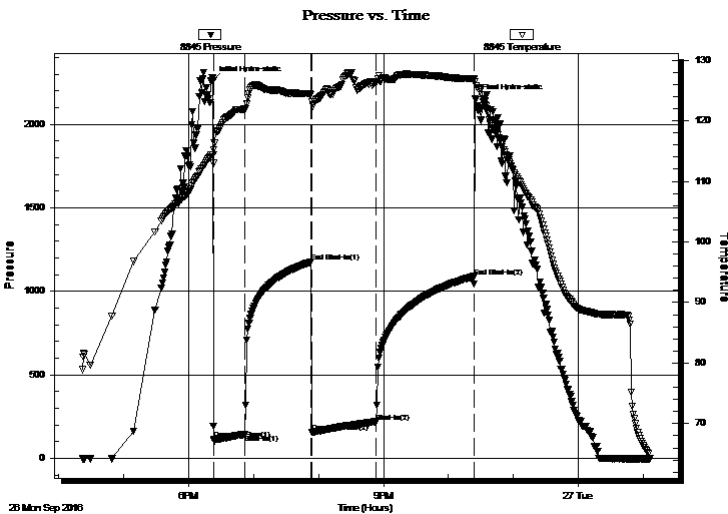
2016.09.26 @ 18:22:30

Time Off Btm:

2016.09.26 @ 22:24:45

TEST COMMENT: IF: 8" blow.
IS: No return.
FF: 4" blow.
FS: No return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2260.76	114.37	Initial Hydro-static
1	114.23	115.24	Open To Flow (1)
30	143.75	121.93	Shut-In(1)
91	1174.66	124.36	End Shut-In(1)
92	156.70	123.16	Open To Flow (2)
151	219.03	126.27	Shut-In(2)
241	1088.27	126.90	End Shut-In(2)
243	2155.13	126.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
390.00	mcw 25m 75w (oil spots)	3.77

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65569

DST#: 3

ATTN: Tom Funk

Test Start: 2016.09.26 @ 16:22:00

Tool Information

Drill Pipe:	Length: 4210.00 ft	Diameter: 3.80 inches	Volume: 59.06 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: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose:	75000.00 lb
			<u>Total Volume: 59.98 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial	62000.00 lb
Depth to Top Packer:	4406.00 ft			Final	63000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	69.00 ft				
Tool Length:	89.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4387.00	
Shut In Tool	5.00			4392.00	
Hydraulic tool	5.00			4397.00	
Packer	5.00			4402.00	20.00 Bottom Of Top Packer
Packer	4.00			4406.00	
Stubb	1.00			4407.00	
Recorder	0.00	8365	Inside	4407.00	
Recorder	0.00	8845	Outside	4407.00	
Perforations	32.00			4439.00	
Change Over Sub	1.00			4440.00	
Drill Pipe	31.00			4471.00	
Change Over Sub	1.00			4472.00	
Bullnose	3.00			4475.00	69.00 Bottom Packers & Anchor

Total Tool Length: 89.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65569

DST#: 3

ATTN: Tom Funk

Test Start: 2016.09.26 @ 16:22:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

59000 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
390.00	mcw 25m 75w (oil spots)	3.767

Total Length: 390.00 ft Total Volume: 3.767 bbl

Num Fluid Samples: 0

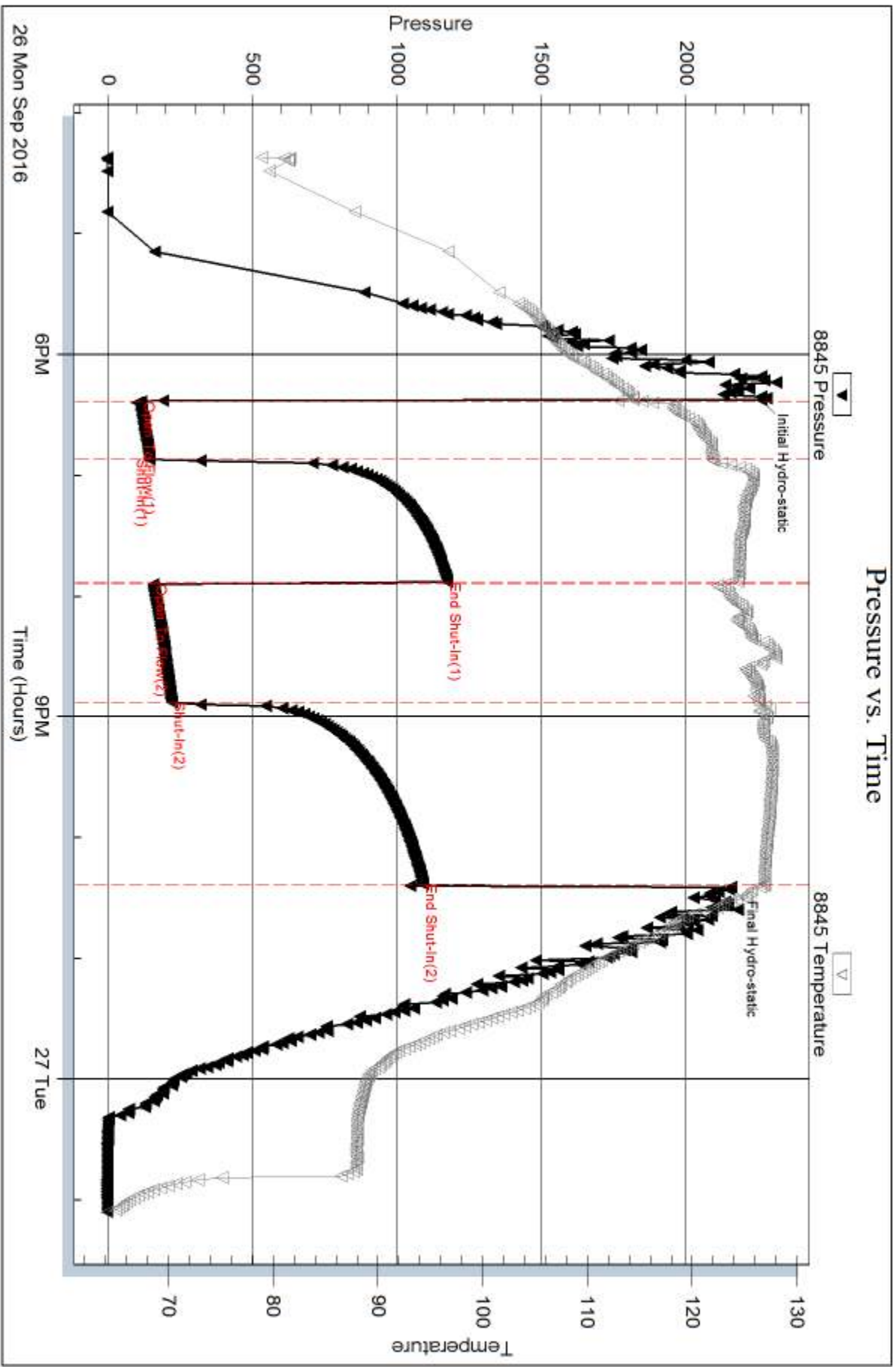
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .139 @ 64f = 59000ppm



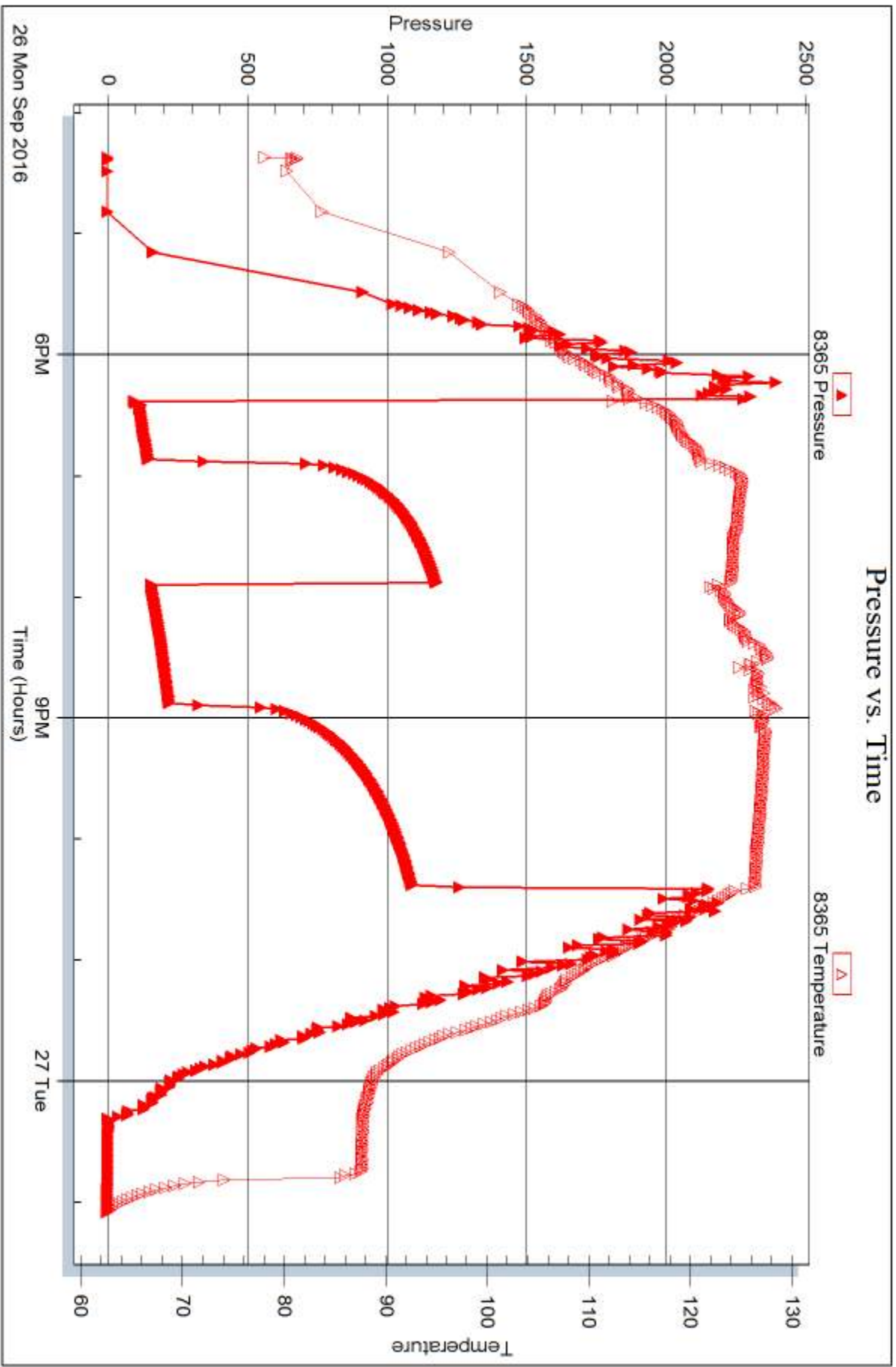
Serial #: 8365

Inside

Funk Petroleum, LLC

Well# 4-10

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 65569

Printed: 2016.09.28 @ 16:04:31



DRILL STEM TEST REPORT

Prepared For: **Funk Petroleum, LLC**

2110 N 1184th St
Eudora, KS 66025

ATTN: Tom Funk

WieKan #1-10

10-9s-35w Thomas,KS

Start Date: 2016.09.27 @ 18:22:00

End Date: 2016.09.28 @ 00:57:00

Job Ticket #: 65570 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2016.09.28 @ 16:02:19



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65570

DST#: 4

ATTN: Tom Funk

Test Start: 2016.09.27 @ 18:22:00

GENERAL INFORMATION:

Formation: **Cherokee Lime**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:24:45

Time Test Ended: 00:57:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4650.00 ft (KB) To 4695.00 ft (KB) (TVD)

Reference Elevations: 3337.00 ft (KB)

Total Depth: 4695.00 ft (KB) (TVD)

3332.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 8845 Outside

Press@RunDepth: 22.68 psig @ 4651.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.09.27

End Date:

2016.09.28

Last Calib.:

2016.09.28

Start Time:

18:22:05

End Time:

00:56:59

Time On Btm:

2016.09.27 @ 20:24:15

Time Off Btm:

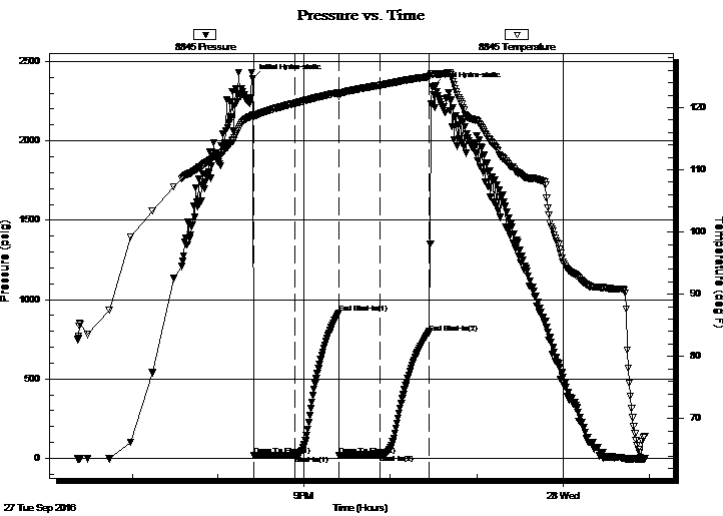
2016.09.27 @ 22:29:15

TEST COMMENT: IF: Surface blow, died @ 14 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2392.83	118.95	Initial Hydro-static
1	17.93	118.53	Open To Flow (1)
30	18.92	120.69	Shut-In(1)
60	917.10	122.39	End Shut-In(1)
60	19.75	121.81	Open To Flow (2)
89	22.68	123.59	Shut-In(2)
123	791.39	124.94	End Shut-In(2)
125	2338.67	125.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100m (oil spots)	0.07

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65570

DST#: 4

ATTN: Tom Funk

Test Start: 2016.09.27 @ 18:22:00

Tool Information

Drill Pipe:	Length: 4464.00 ft	Diameter: 3.80 inches	Volume: 62.62 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: 187.00 ft	Diameter: 2.25 inches	Volume: 0.92 bbl	Weight to Pull Loose: 75000.00 lb
			<u>Total Volume: 63.54 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	4650.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4631.00	
Shut In Tool	5.00			4636.00	
Hydraulic tool	5.00			4641.00	
Packer	5.00			4646.00	20.00 Bottom Of Top Packer
Packer	4.00			4650.00	
Stubb	1.00			4651.00	
Recorder	0.00	8365	Inside	4651.00	
Recorder	0.00	8845	Outside	4651.00	
Perforations	8.00			4659.00	
Change Over Sub	1.00			4660.00	
Drill Pipe	31.00			4691.00	
Change Over Sub	1.00			4692.00	
Bullnose	3.00			4695.00	45.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Funk Petroleum, LLC

10-9s-35w Thomas,KS

2110 N 1184th St
Eudora, KS 66025

WieKan #1-10

Job Ticket: 65570

DST#: 4

ATTN: Tom Funk

Test Start: 2016.09.27 @ 18:22:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 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: 5700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100m (oil spots)	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

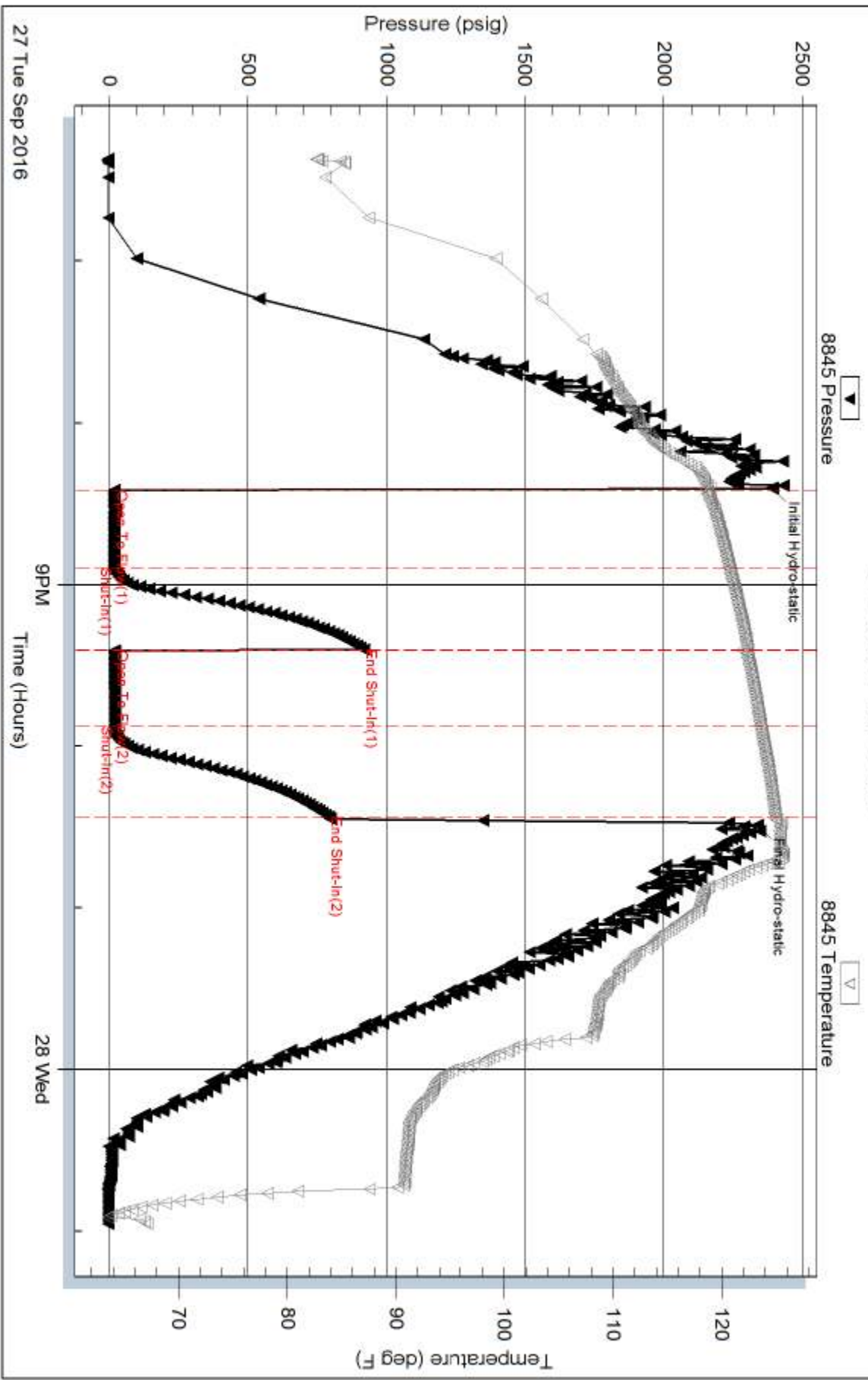
Serial #: 8845

Outside Funk Petroleum, LLC

Wellbore #1-10

DST Test Number: 4

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 65570

Printed: 2016.09.28 @ 16:02:20

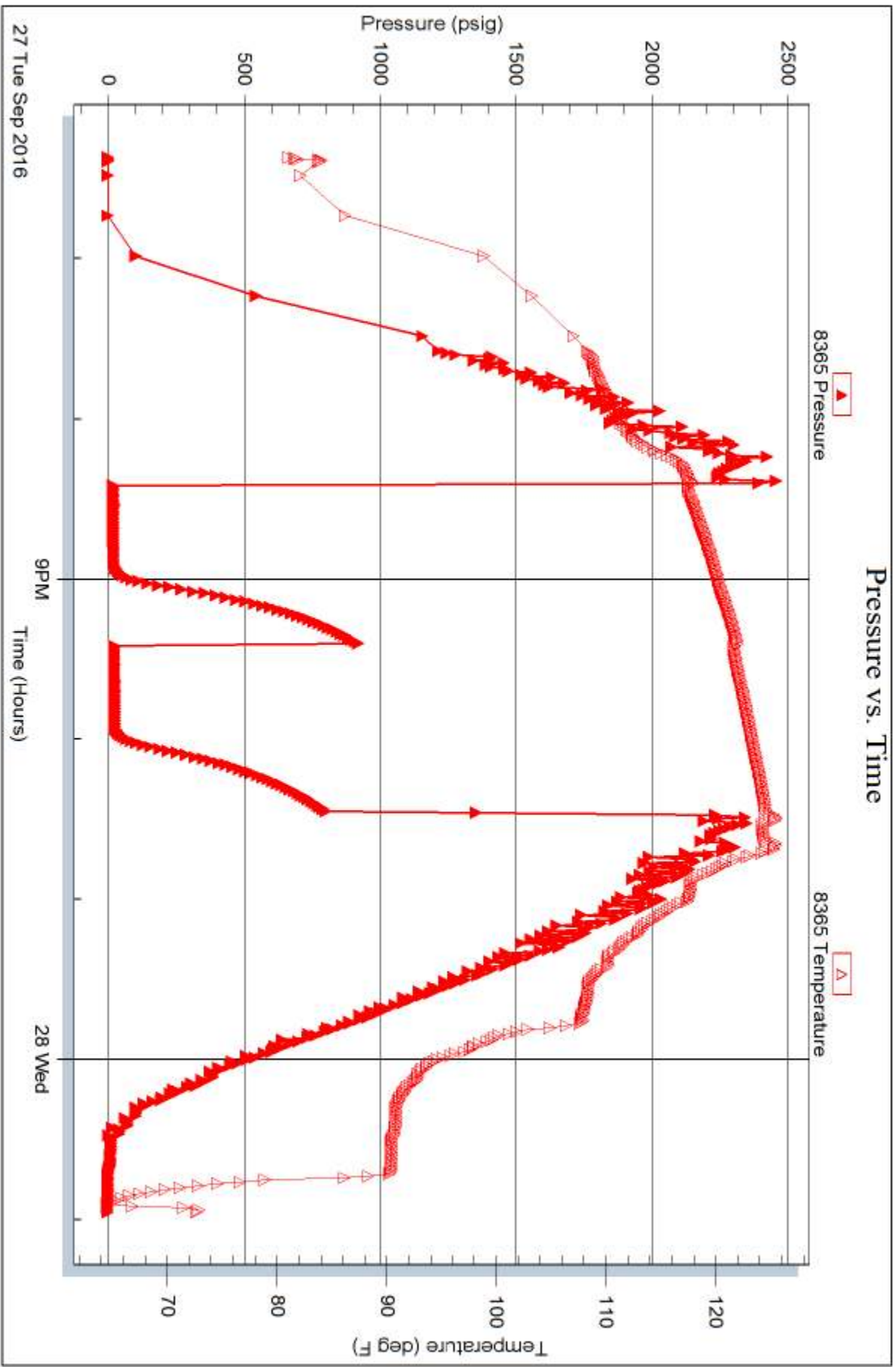
Serial #: 8365

Inside

Funk Petroleum, LLC

Wellbore #1-10

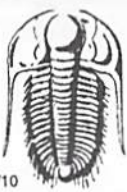
DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 65570

Printed: 2016.09.28 @ 16:02:21



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **65567**

Well Name & No. Wiekan #1-10 Test No. 1 Date 9/25/2016
 Company Funk Petroleum, LLC Elevation 3337 KB 3332 GL
 Address 2110 N 1184th St. Eudora, ks 66025
 Co. Rep / Geo. Tom Funk Rig Martin #7
 Location: Sec. 10 ~~9~~ Twp. 9g Rge. 35w Co. Thomas State ks

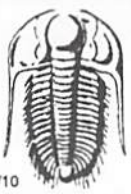
Interval Tested 4213 - 4264 Zone Tested LKC E-F
 Anchor Length 51 Drill Pipe Run 4021 Mud Wt. 9.0
 Top Packer Depth 4209 # Drill Collars Run 187 Vis .58
 Bottom Packer Depth 4213 Wt. Pipe Run 0 WL 2# 4.2
 Total Depth 4264 Chlorides 3300 ppm System LCM 22#
 Blow Description IF: BOB @ 1 min
ISI: No return
PF: BOB @ 1 1/2 min
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>2660</u>	<u>SMCW</u>		<u>98</u>	<u>2</u>	
	<u>oil scam in tool</u>				

Rec Total 2660 BHT 127 Gravity — API RW 150 @ 51 °F Chlorides 72000 ppm
 (A) Initial Hydrostatic 2139 Test 1150 T-On Location 0015
 (B) First Initial Flow 989 Jars _____ T-Started 0232
 (C) First Final Flow 1216 Safety Joint _____ T-Open 0431
 (D) Initial Shut-In 1262 Circ Sub N/L T-Pulled 0518
 (E) Second Initial Flow 1229 Hourly Standby _____ T-Out 0900
 (F) Second Final Flow 1260 Mileage 160 RT 120 Comments _____
 (G) Final Shut-In 1264 Sampler _____
 (H) Final Hydrostatic 2064 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1270
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1270

Approved By _____ Our Representative 

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. **65568**

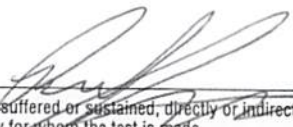
Well Name & No. Wiekon #1-10 Test No. 2 Date 9/26/2012
 Company Funk Petroleum, LLC Elevation 3337 KB 3332 GL
 Address 2110 N 1184th St. Eudora, KS 66025
 Co. Rep / Geo. Tom Funk Rig Martin #7
 Location: Sec. 10 Twp. 9S Rge. 35W Co. Thomas State Ks

Interval Tested 4374-4405 Zone Tested LKC K
 Anchor Length 31' Drill Pipe Run 4180 Mud Wt. 9.1
 Top Packer Depth 4369 Drill Collars Run 187 Vis 57
 Bottom Packer Depth 4374 Wt. Pipe Run 0 WL 7.2
 Total Depth 4405 Chlorides 5,000 ppm System LCM 1#
 Blow Description IF: 1/2" blow
ISI: No return.
FF: No blow
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud</u>			<u>100</u>	
	<u>OIL SPOT</u>				

Rec Total 15 BHT 122 Gravity — API RW — @ —° F Chlorides — ppm

(A) Initial Hydrostatic 2245 Test 1150 T-On Location 2200
 (B) First Initial Flow 13 Jars _____ T-Started 2220
 (C) First Final Flow 16 Safety Joint _____ T-Open 0110
 (D) Initial Shut-In 1192 Circ Sub 4c T-Pulled 0225
 (E) Second Initial Flow 17 Hourly Standby _____ T-Out 0207
 (F) Second Final Flow 19 Mileage 160 120 Comments _____
 (G) Final Shut-In 1006 Sampler _____
 (H) Final Hydrostatic 2189 Straddle _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Initial Open 30 Shale Packer _____
 Initial Shut-In 45 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 30 Day Standby _____
 Accessibility _____
 Sub Total 1270 Sub Total 1270
 Total 1270 MP/DST Disc't _____

Approved By _____ Our Representative 

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. **65569**

Well Name & No. Wiekam #1-10 Test No. 3 Date 9/26/2016
 Company Funk Petroleum LLC Elevation 3337 KB 3332 GL
 Address 2110 N 1184th St Eudora, KS 66025
 Co. Rep / Geo. Tom Funk Rig Martin #7
 Location: Sec. 10 Twp. 9S Rge. 35W Co. Thomas State KS

Interval Tested 4406 - 4475 Zone Tested LKC L-Marmaton
 Anchor Length 69 Drill Pipe Run 4210 Mud Wt. 9.2
 Top Packer Depth 4401 Drill Collars Run 187 Vis 62
 Bottom Packer Depth 4406 Wt. Pipe Run Ø WL 6.4
 Total Depth 4475 Chlorides 4400 ppm System LCM 4#

Blow Description IF: 6" blow
ISI: No return
FF: 4" blow
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>390</u>	<u>mca</u>			<u>75</u>	<u>25</u>

Rec Total 390 BHT 127 Gravity — API RW 139 @ 64 °F Chlorides 59000 ppm

(A) Initial Hydrostatic	<u>2261</u>	<input checked="" type="checkbox"/> Test	<u>1150</u>	T-On Location	<u>1530</u>
(B) First Initial Flow	<u>114</u>	<input type="checkbox"/> Jars		T-Started	<u>1622</u>
(C) First Final Flow	<u>144</u>	<input type="checkbox"/> Safety Joint		T-Open	<u>1823</u>
(D) Initial Shut-In	<u>1175</u>	<input checked="" type="checkbox"/> Circ Sub <u>1/4</u>		T-Pulled	<u>2223</u>
(E) Second Initial Flow	<u>157</u>	<input type="checkbox"/> Hourly Standby		T-Out	
(F) Second Final Flow	<u>219</u>	<input checked="" type="checkbox"/> Mileage <u>160</u> 120		Comments	
(G) Final Shut-In	<u>1088</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>2155</u>	<input type="checkbox"/> Straddle			

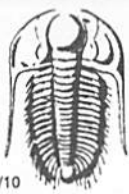
<input type="checkbox"/> Ruined Shale Packer	
<input type="checkbox"/> Ruined Packer	
<input type="checkbox"/> Extra Copies	
Sub Total	<u>0</u>
Total	<u>1270</u>
MP/DST Disc't	

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90

Sub Total 1270

Approved By _____ Our Representative

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. **65570**

Well Name & No. Wiekan #1-10 Test No. 4 Date 9/27/2016
 Company Funk Petroleum, LLC Elevation 3337 KB 3332 GL
 Address 2110 N 1184th St Eudora, Ks 66025
 Co. Rep / Geo. Tom Funk Rig Martin #7
 Location: Sec. 10 Twp. 9s Rge. 35w Co. Thomas State Ks

Interval Tested 4650 - 4695 Zone Tested Cherokee Lime
 Anchor Length 45' Drill Pipe Run 4464 Mud Wt. 9.2
 Top Packer Depth 4645 Drill Collars Run 187 Vis 52
 Bottom Packer Depth 4650 Wt. Pipe Run 0 WL 8.8
 Total Depth 4695 Chlorides 5700 ppm System LCM 3#
 Blow Description IF: Surface blow, died @ 14 min.
ISI: No return.
FF: No blow
FSI: No return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud</u>			<u>100</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 15 BHT 125 Gravity — API RW — @ — F Chlorides — ppm
 (A) Initial Hydrostatic 2393 Test 1150 T-On Location ~~1822~~ 1730
 (B) First Initial Flow 18 Jars — T-Started 1822
 (C) First Final Flow 19 Safety Joint — T-Open 2030
 (D) Initial Shut-In 917 Circ Sub Nc T-Pulled 2230
 (E) Second Initial Flow 20 Hourly Standby — T-Out 0057
 (F) Second Final Flow 23 Mileage 160 Rt 120 +120 Comments Loaded 9/28
 (G) Final Shut-In 791 Sampler —
 (H) Final Hydrostatic 2339 Straddle — Ruined Shale Packer —
 Shale Packer — Ruined Packer —
 Extra Packer — Extra Copies —
 Extra Recorder — Sub Total 0
 Day Standby — Total 1390
 Accessibility — MP/DST Disc't —
 Sub Total 1390

Approved By _____ Our Representative [Signature]
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