

1224309

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Murfin Drilling Co., Inc.
Well Name	Burk Trust 'D' 1-SWD
Doc ID	1224309

All Electric Logs Run

DIL
DUCP
MEL
BHCS



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company**

250 N. Water STE 300
Wichita KS 67206

ATTN: Saman ShariFaie

Burk Trust D #1-SWD

23-1s-36w Rawlins,KS

Start Date: 2014.06.10 @ 07:59:00

End Date: 2014.06.10 @ 15:34:09

Job Ticket #: 58255 DST #: 1

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

Printed: 2014.06.13 @ 14:15:30



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Company

23-1s-36w Rawlins,KS

250 N. Water STE 300
Wichita KS 67206

Burk Trust D #1-SWD

Job Ticket: 58255

DST#: 1

ATTN: Saman ShariFaie

Test Start: 2014.06.10 @ 07:59:00

GENERAL INFORMATION:

Formation: **LKC " B - D "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:22:20

Time Test Ended: 15:34:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Ryan Nichols

Unit No: 58

Interval: 4174.00 ft (KB) To 4240.00 ft (KB) (TVD)

Total Depth: 4240.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3221.00 ft (KB)

3210.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 6752 Inside

Press@RunDepth: 113.94 psig @ 4175.00 ft (KB)

Start Date: 2014.06.10

End Date: 2014.06.10

Start Time: 07:59:01

End Time: 15:34:10

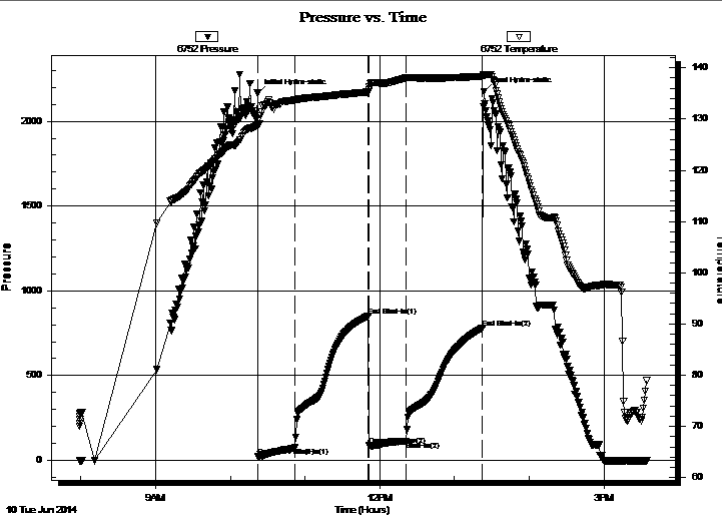
Capacity: 8000.00 psig

Last Calib.: 2014.06.10

Time On Btm: 2014.06.10 @ 10:21:50

Time Off Btm: 2014.06.10 @ 13:23:30

TEST COMMENT: 30 IF - 1/4" blow built to 5"
60 ISI - No return
30 FF - Surface blow started @ 5 mins built to 2 1/2"
60 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2162.60	128.81	Initial Hydro-static
1	23.66	128.77	Open To Flow (1)
30	76.02	133.71	Shut-In(1)
89	851.83	135.27	End Shut-In(1)
90	86.02	135.64	Open To Flow (2)
120	113.94	138.02	Shut-In(2)
181	780.09	138.32	End Shut-In(2)
182	2175.05	138.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCMW - 5%o - 10%M - 85%W	0.30
120.00	OCMW - 5%o - 20%M - 75%W	0.59
20.00	OWCM - 10%o - 40%W - 50%M	0.10

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company

23-1s-36w Rawlins,KS

250 N. Water STE 300
Wichita KS 67206

Burk Trust D #1-SWD

Job Ticket: 58255

DST#: 1

ATTN: Saman ShariFaie

Test Start: 2014.06.10 @ 07:59:00

Tool Information

Drill Pipe:	Length: 3975.00 ft	Diameter: 3.80 inches	Volume: 55.76 bbl	Tool Weight:	2500.00 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: 203.00 ft	Diameter: 2.25 inches	Volume: 1.00 bbl	Weight to Pull Loose:	80000.00 lb
			<u>Total Volume: 56.76 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial	74000.00 lb
Depth to Top Packer:	4174.00 ft			Final	74000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	66.00 ft				
Tool Length:	93.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4148.00	
Shut In Tool	5.00			4153.00	
Hydraulic tool	5.00			4158.00	
Jars	5.00			4163.00	
Safety Joint	2.00			4165.00	
Packer	5.00			4170.00	27.00 Bottom Of Top Packer
Packer	4.00			4174.00	
Stubb	1.00			4175.00	
Recorder	0.00	6752	Inside	4175.00	
Recorder	0.00	8322	Outside	4175.00	
Perforations	28.00			4203.00	
Change Over Sub	1.00			4204.00	
Drill Pipe	32.00			4236.00	
Change Over Sub	1.00			4237.00	
Bullnose	3.00			4240.00	66.00 Bottom Packers & Anchor

Total Tool Length: 93.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

23-1s-36w Rawlins,KS

250 N. Water STE 300
Wichita KS 67206

Burk Trust D #1-SWD

Job Ticket: 58255

DST#: 1

ATTN: Saman ShariFaie

Test Start: 2014.06.10 @ 07:59:00

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: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
60.00	OCMW - 5%o - 10%M - 85%W	0.295
120.00	OCMW - 5%o - 20%M - 75%W	0.590
20.00	OWCM - 10%o - 40%W - 50%M	0.098

Total Length: 200.00 ft Total Volume: 0.983 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

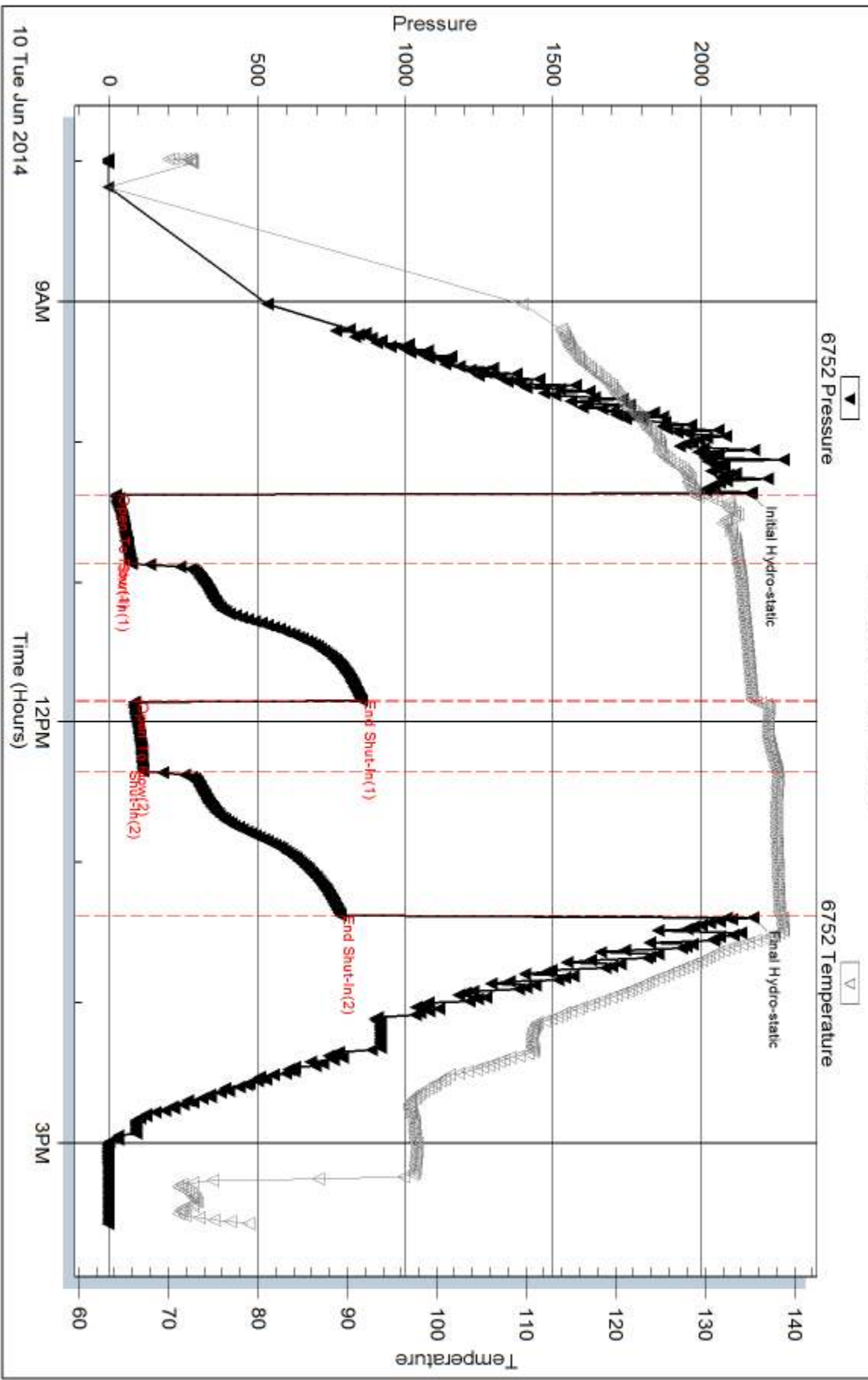
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

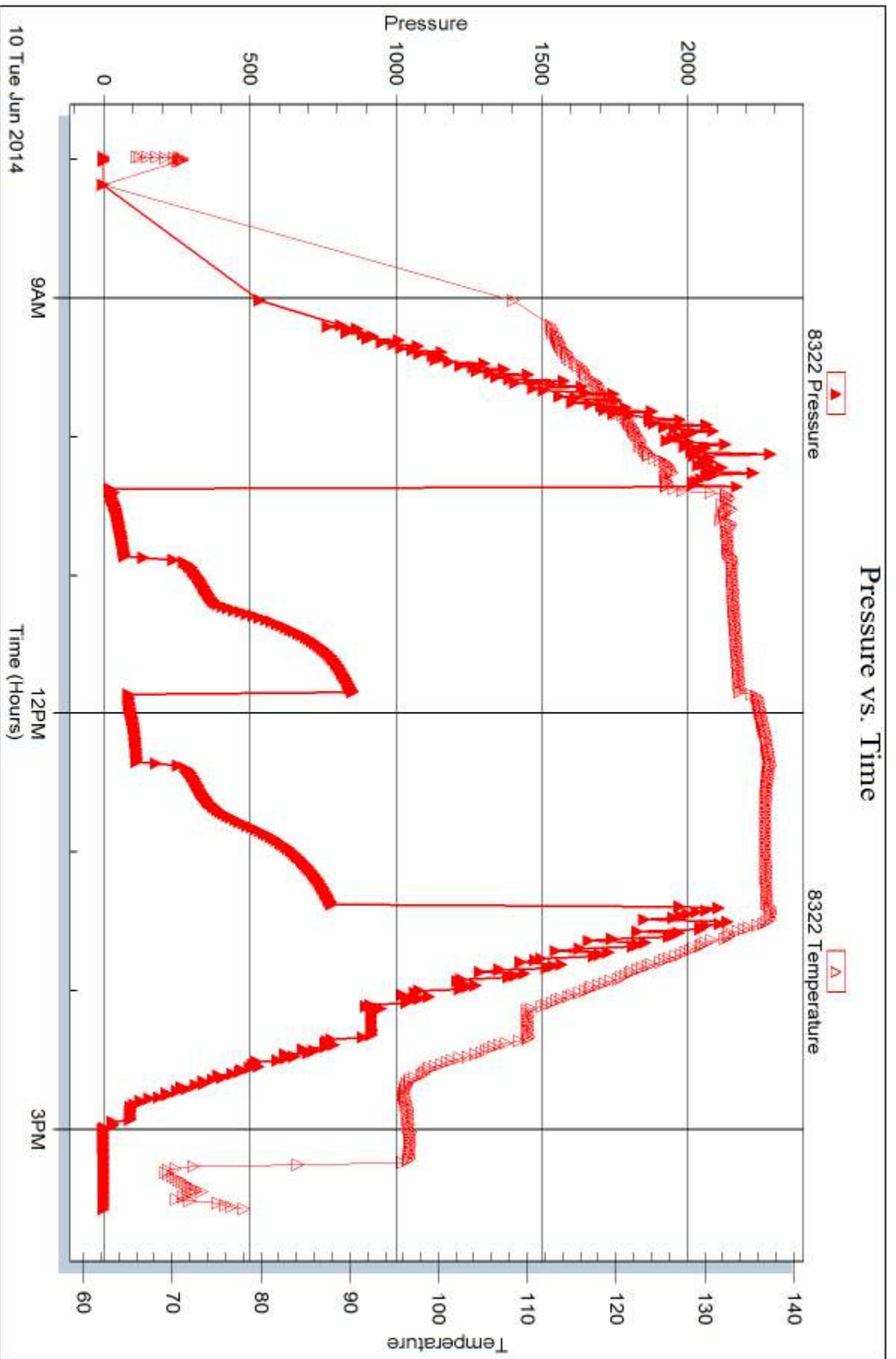


Serial #: 8322

Outside Murfin Drilling Company

Burk Trust D#1-SWD

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 58255

Printed: 2014.06.13 @ 14:15:31



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company**

250 N. Water STE 300
Wichita KS 67206

ATTN: Saman ShariFaie

Burk Trust D #1-SWD

23-1s-36w Rawlins,KS

Start Date: 2014.06.11 @ 00:33:00

End Date: 2014.06.11 @ 07:43:30

Job Ticket #: 58256 DST #: 2

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

Printed: 2014.06.13 @ 14:14:33

Murfin Drilling Company

23-1s-36w Rawlins,KS

Burk Trust D #1-SWD

DST # 2

LKC " G "

2014.06.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling Company

23-1s-36w Rawlins,KS

250 N. Water STE 300
Wichita KS 67206

Burk Trust D #1-SWD

Job Ticket: 58256

DST#: 2

ATTN: Saman ShariFaie

Test Start: 2014.06.11 @ 00:33:00

GENERAL INFORMATION:

Formation: **LKC " G "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:30:50

Time Test Ended: 07:43:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Ryan Nichols

Unit No: 58

Interval: 4242.00 ft (KB) To 4290.00 ft (KB) (TVD)

Reference Elevations: 3221.00 ft (KB)

Total Depth: 4290.00 ft (KB) (TVD)

3210.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 6752 Inside

Press@RunDepth: 37.24 psig @ 4243.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.06.11

End Date:

2014.06.11

Last Calib.:

2014.06.11

Start Time: 00:33:01

End Time:

07:43:30

Time On Btm:

2014.06.11 @ 02:30:20

Time Off Btm:

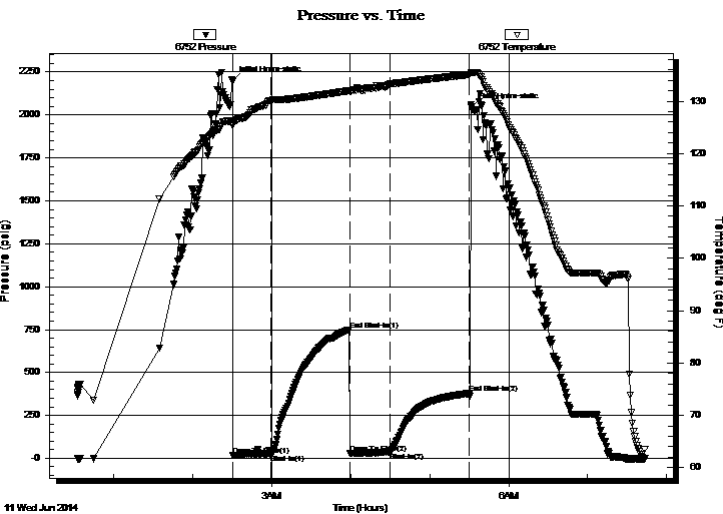
2014.06.11 @ 05:31:50

TEST COMMENT: 30 IF - Surface blow died @ 10 mins

60 ISI - No return

30 FF - No blow

60 FSI - No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2197.64	125.76	Initial Hydro-static
1	16.74	125.63	Open To Flow (1)
29	25.30	130.08	Shut-In(1)
89	749.19	132.00	End Shut-In(1)
90	27.45	131.87	Open To Flow (2)
120	37.24	133.26	Shut-In(2)
180	378.02	135.08	End Shut-In(2)
182	2045.31	135.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Mud w/oil spots 100%M	0.07

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company

23-1s-36w Rawlins,KS

250 N. Water STE 300
Wichita KS 67206

Burk Trust D #1-SWD

Job Ticket: 58256

DST#: 2

ATTN: Saman ShariFaie

Test Start: 2014.06.11 @ 00:33:00

Tool Information

Drill Pipe:	Length: 4040.00 ft	Diameter: 3.80 inches	Volume: 56.67 bbl	Tool Weight: 2500.00 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: 203.00 ft	Diameter: 2.25 inches	Volume: 1.00 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 57.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4242.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	48.00 ft			
Tool Length:	75.00 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			4216.00	
Shut In Tool	5.00			4221.00	
Hydraulic tool	5.00			4226.00	
Jars	5.00			4231.00	
Safety Joint	2.00			4233.00	
Packer	5.00			4238.00	27.00 Bottom Of Top Packer
Packer	4.00			4242.00	
Stubb	1.00			4243.00	
Recorder	0.00	6752	Inside	4243.00	
Recorder	0.00	8322	Outside	4243.00	
Perforations	10.00			4253.00	
Change Over Sub	1.00			4254.00	
Drill Pipe	32.00			4286.00	
Change Over Sub	1.00			4287.00	
Bullnose	3.00			4290.00	48.00 Bottom Packers & Anchor

Total Tool Length: 75.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

23-1s-36w Rawlins,KS

250 N. Water STE 300
Wichita KS 67206

Burk Trust D #1-SWD

Job Ticket: 58256

DST#: 2

ATTN: Saman ShariFaie

Test Start: 2014.06.11 @ 00:33:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Mud w /oil spots 100%M	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

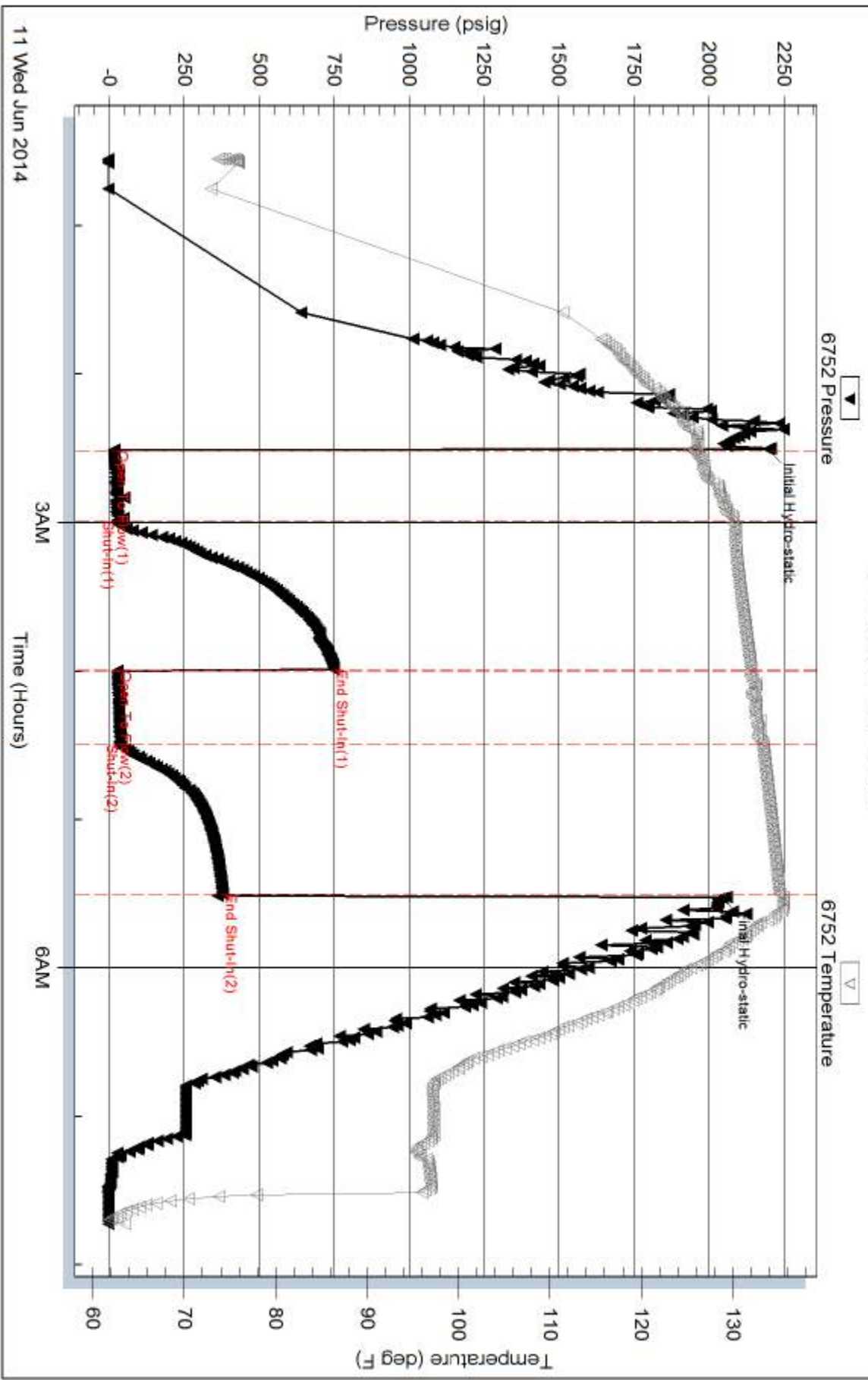
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

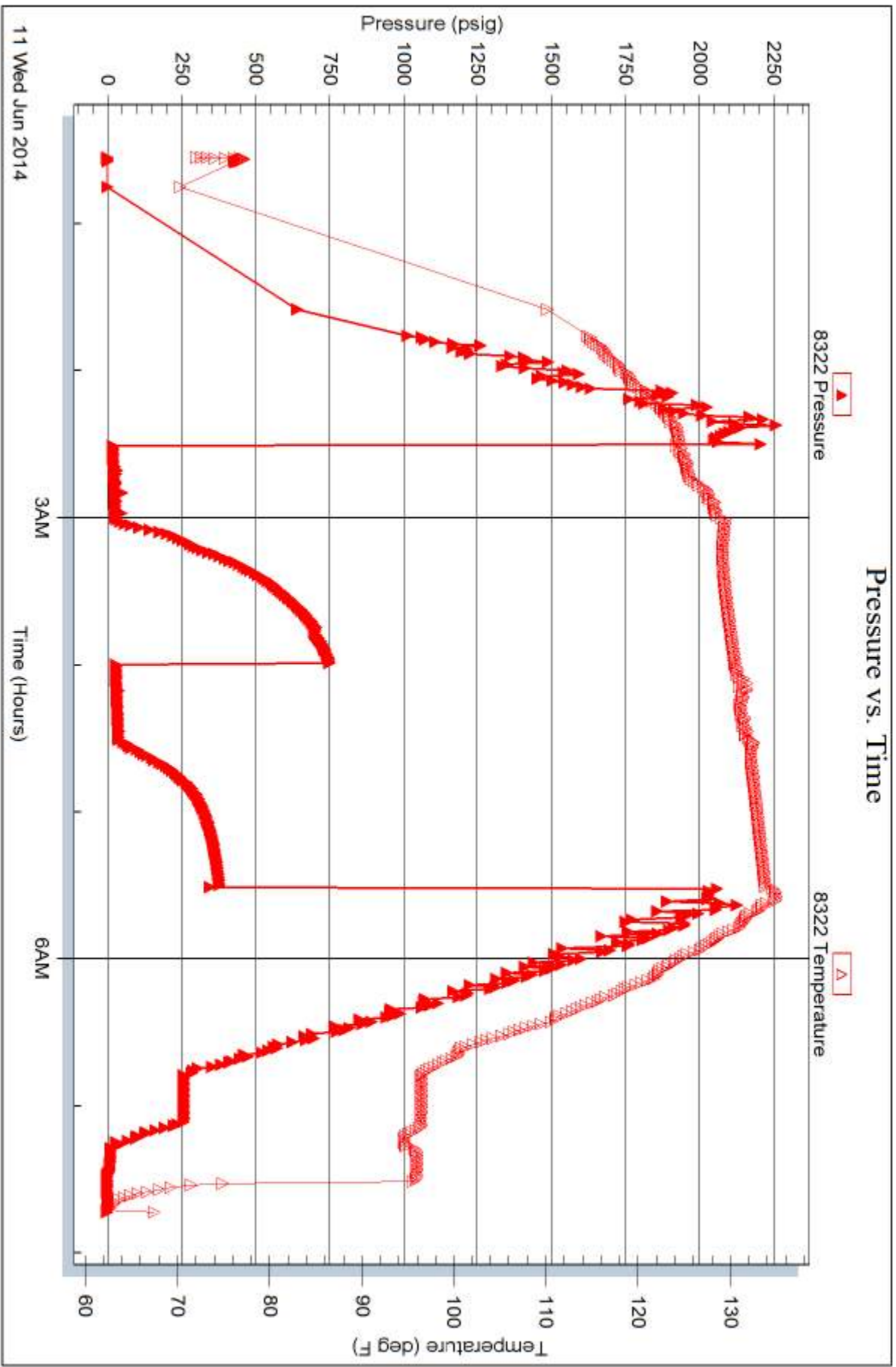


Serial #: 8322

Outside Murfin Drilling Company

Burk Trust D#1-SWD

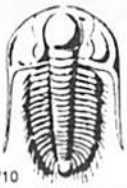
DST Test Number: 2



Triobite Testing, Inc

Ref. No: 58256

Printed: 2014.06.13 @ 14:14:34



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **58255**

Well Name & No. ~~10000~~ Burk Trust "D" #1-5WD Test No. 1 Date 8/10/14
 Company Murfin Drilling Co. Elevation 3221 KB 3210 GL
 Address 250 N. Water STE 300 Wichita KS ~~67206~~ 67206
 Co. Rep / Geo. Samah ShariFaiz Rig Murfin # 2
 Location: Sec. 23 Twp. 15 Rge. 36 W Co. Kawling State KS

Interval Tested 4174 - 4240 Zone Tested 2KC "B-D"
 Anchor Length 66' Drill Pipe Run 3975' Mud Wt. 9.3
 Top Packer Depth 4169 Drill Collars Run 203' Vis 55
 Bottom Packer Depth 4174 Wt. Pipe Run 0' WL 6.4
 Total Depth 4240 Chlorides 200 ppm System LCM 14
 Blow Description IF - 1/4" blow built to 5"
ISI - No return
FF - Surface blow started @ 5 mins built to 2 1/2"
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
20'	OWCM	10	40	50	
120'	OMCW	5	75	20	
60'	OMCW	5	85	10	

Rec Total 200' BHT 1380 Gravity — API RW — @ — ° F Chlorides — ppm

(A) Initial Hydrostatic 2163 Test 1250 T-On Location 05:00
 (B) First Initial Flow 24 Jars 250 T-Started ~~07:59~~
 (C) First Final Flow 76 Safety Joint 75 T-Open 10:21
 (D) Initial Shut-In 852 Circ Sub NC T-Pulled 13:21
 (E) Second Initial Flow 86 Hourly Standby _____ T-Out ~~15:34~~
 (F) Second Final Flow 114 Mileage 122 RT 189.10 Comments _____
 (G) Final Shut-In 780 Sampler _____
 (H) Final Hydrostatic 2175 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____
 Extra Recorder _____ Sub Total 0
 Day Standby _____ Total 1764.10
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1764.10

Approved By _____ Our Representative [Signature]

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 58256

Well Name & No. Burk Trust "D" #1-5 WD Test No. 2 Date 6/11/14
 Company Murfin Drilling Co. Elevation 3221 KB 3210 GL
 Address 250 N. Water STE 300 Wichita KS 67206
 Co. Rep / Geo. Saman ShariFaie Rig Murfin #2
 Location: Sec. 23 Twp. 15 Rge. 36W Co. Rawlins State KS

Interval Tested 4242-4290 Zone Tested LKC "G"
 Anchor Length 48' Drill Pipe Run 4040' Mud Wt. 9.3
 Top Packer Depth 4237 Drill Collars Run 203' Vis 55
 Bottom Packer Depth 4242 Wt. Pipe Run 0' WL 6.4
 Total Depth 4290 Chlorides 600 ppm System LCM 14

Blow Description IF - Surface blow died @ 10 mins
ISI - No return
FF - No blow
FSI - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>15'</u>	<u>Mud w/oil spots</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 135° Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2198 Test 1250 T-On Location 00:00
 (B) First Initial Flow 17 Jars 250 T-Started 00:33
 (C) First Final Flow 25 Safety Joint 75 T-Open 02:30
 (D) Initial Shut-In 749 Circ Sub NC T-Pulled 05:30
 (E) Second Initial Flow 27 Hourly Standby _____ T-Out 07:43
 (F) Second Final Flow 37 Mileage 122 RT 378.20 Comments landed tools
 (G) Final Shut-In 378 Sampler _____ @ 11:00 on 6/12/14
 (H) Final Hydrostatic 2045 Straddle _____

Initial Open 30 Ruined Shale Packer _____
 Initial Shut-In 60 Ruined Packer _____
 Final Flow 30 Extra Copies _____
 Final Shut-In 60 Extra Recorder _____ Sub Total 800
 Day Standby 1d 3.25h Total 2753.20
 Accessibility _____ MP/DST Disc't _____
 Sub Total 1953.20

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



PO Box 93999
Southlake, TX 76092

Voice: (817) 546-7282
Fax: (817) 246-3361

*acct.
Prod-me*

INVOICE

Invoice Number: 143669
Invoice Date: Jun 6, 2014
Page: 1

Bill To:
Murfin Drig. Co., Inc. 250 N. Water STE #300 Wichita, KS 67202

Customer ID	Field Ticket #	Payment Terms	
Murfin	64007	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jun 6, 2014	7/6/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Bork Trust D #1 SWD		
220.00	CEMENT MATERIALS	Class A Common	17.90	3,938.00
620.40	CEMENT MATERIALS	Chloride	1.10	682.44
231.00	CEMENT SERVICE	Cubic Feet Charge	2.48	572.88
852.00	CEMENT SERVICE	Ton Mileage Charge	2.60	2,215.20
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
80.00	CEMENT SERVICE	Pump Truck Mileage	7.70	616.00
1.00	CEMENT SERVICE	Swedge Manifold Rental	275.00	275.00
80.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	352.00
1.00	EQUIPMENT OPERATOR	Paul Beaver		
1.00	EQUIPMENT OPERATOR	Tyler Flipse		
1.00	OPERATOR ASSISTANT	Adam Flipse		

Subtotal	10,163.77
Sales Tax	
Total Invoice Amount	10,163.77
Payment/Credit Applied	
TOTAL	10,163.77

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 3,557.31

ONLY IF PAID ON OR BEFORE

Jul 6, 2014

OK SR



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
6/13/2014	26341

BILL TO
Murfin Drilling Co Inc PO Box 661 Colby, KS 67701-0661

- Acidizing
- Cement
- Tool Rental

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1 SWD	Burk Trust D	Rawlins	Company Tools	SWD	Development	Cement LongStri...	Blaine
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				150	Miles	6.00	900.00
579D	Pump Charge - Top To Bottom LongString				1	Job	2,000.00	2,000.00
403-5	5 1/2" Cement Basket				3	Each	300.00	900.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	275.00	275.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	375.00	375.00T
409-5	5 1/2" Turbolizer				15	Each	90.00	1,350.00T
330	Swift Multi-Density Standard (MIDCON II)				350	Sacks	18.50	6,475.00T
325	Standard Cement				250	Sacks	14.50	3,625.00T
284	Calseal				12	Sack(s)	35.00	420.00T
283	Salt				1,300	Lb(s)	0.20	260.00T
285	CFR-1				175	Lb(s)	4.50	787.50T
276	Flocele				150	Lb(s)	2.50	375.00T
281	Mud Flush				500	Gallon(s)	1.25	625.00T
221	Liquid KCL (Clayfix)				4	Gallon(s)	25.00	100.00T
290	D-Air				5	Gallon(s)	42.00	210.00T
581D	Service Charge Cement				600	Sacks	2.00	1,200.00
583D	Drayage				4,579.01	Ton Miles	1.00	4,579.01
	Subtotal							24,456.51
	SWD &/Or InJection Well, Exempt From Sales Tax						0.00%	0.00
USED FOR						ICAD3		
APPROVED								
We Appreciate Your Business!							Total	\$24,456.51



CHARGE TO: MURKIN DRILLING
 ADDRESS:
 CITY, STATE, ZIP CODE:

TICKET 26341
 PAGE 1 OF 1

SERVICE LOCATIONS: 1. Well/PROJECT NO. D #1 SWD LEASE: Bork Trust COUNTY/PARISH: Rapides STATE: LA CITY: Bardsley DATE: 13 Jan 14 OWNER: 1865651
 2. TICKET TYPE: SERVICE CONTRACTOR: RIG NAME/NO.: SHIPPED/DELIVERED TO: LOCATION: ORDER NO.:
 3. WELL TYPE: SWD WELL CATEGORY: Development JOB PURPOSE: cement log string WELL PERMIT NO.: 23-1-32 WELL LOCATION:
 4. REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	MILEAGE	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT								
575				TRK 114	150	mi				6.00	900.00
579				Pump Charge	1 ea					200.00	200.00
403				Cement Basket	3 ea					300.00	900.00
406				Latex down plug & bezzle	1 ea					275.00	275.00
407				Insert float shoe w/ AUTO FILL	1 ea					375.00	375.00
409				Turbolizer	1 ea					90.00	90.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS
 DATE SIGNED: 6-13-14 TIME SIGNED: 9:15 P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1	5800.00
WE UNDERSTOOD AND MET YOUR NEEDS?				2	18656.51
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES	<input type="checkbox"/> NO			
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND					
TOTAL					24,456.51

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.
 SWIFT OPERATOR: B. Behr APPROVAL: Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 13 Jun 14 PAGE NO. 1

CUSTOMER MDRFM Drilling WELL NO. D#1 SMD LEASE Burk Trust JOB TYPE Cement long string TICKET NO. 26341

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
								350sk SMD cement w/ 1/4" floccle
								250sk SA-2 cement w/ 1/4" floccle
								5 1/2" x 15.5# casing 120 joints 5054'
								shot 18.27' Basket 26, 47, 74
								Cent 1-10, 12, 14, 25, 46, 73 top-to-bottom
	1030							on loc TRK 114
	1510							start 5 1/2" x 15.5# casing in well
	1620							circulate @ joint # 70 2006' (25 min)
	1745							Drop ball - circulate
	1848	4 1/2	12			500		Pump 500 gal mud flush
		4 1/2	20			500		Pump 20 bbl KCh flush
								Plug RH - MH 30SK - 20SK
	1903	4	190			500		mix SMD cement @ 11.2 ppg
	1905	4	60			100		mix SA-2 cement 250sk @ 15.3 ppg
	2020							Drop latch down plug wash out pump & line
	2029	6				200		Displace plug
		5 3/4	75			800		
		5 1/2				1200		- cement to surface -
	2100	5 1/2	120			1700		Land plug
								Release pressure to truck - dried up
	2110							wash truck
								Pack up { 50sk mixed } 30 to pits
	2145							job complete Thank Brian Flint, necessary

Burk Trust 'D' #1-SWD
 Daily Drilling Report
 Page Two

6/14/14 RTD: 5060'. CT 18hrs. Ran 121 jts of 5 1/2" prod csg, set @ 5054'. Swift cmt w/550sxs (300sxs SMD, 250sxs EA2), PD @ 9:00PM 6/13. 30sxs RH, 20sxs MH. Circ 30sxs to pit. RR @ 1:00AM 6/14. FINAL REPORT

MDCI Burk Trust 'D' #1-SWD 1725' FSL 1650' FWL Sec. 23-T1S-R36W 3221' KB							MDCI Burk Trust 'D' #4-23 330' FSL 1440' FWL Sec. 23-T1S-R36W 3287' KB	
Formation	Sample top	Datum	Ref	Log Top	Datum	Ref	Log Top	Datum
Anhydrite	3120	+101	-1	3119	+102	Flat	3185	+102
B/Anhydrite	3155	+66	-2	3153	+68	Flat	3219	+68
Neva	3610	-389	-2	3609	-388	-2	3673	-386
Red Eagle	3674	-453	-5	3670	-449	-2	3734	-447
Foraker	3722	-501	-4	3719	-498	-1	3784	-497
Topeka	3938	-717	-6	3935	-714	-3	3998	-711
Oread	4052	-831	-7	4054	-833	-9	4111	-824
Lansing	4161	-940	-10	4155	-934	-4	4217	-930
Stark	4378	-1157	-6	4377	-1156	-5	4438	-1151
BKC	4428	-1207	-7	4427	-1206	-6	4487	-1200
Pawnee	4552	-1331	----	4551	-1330		DNR	
Cherokee				4637	-1416			
Mississippian				4854	-1633			
Arbuckle				4966	-1745			
RTD	5060	-1839					4580	
LTD				5064	-1843		4580	