



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1099523  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- 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 ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

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
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1099523

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  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				

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____ <input type="checkbox"/> Commingled <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

November 02, 2012

Leon Rodak  
Murfin Drilling Co., Inc.  
250 N WATER STE 300  
WICHITA, KS 67202-1216

Re: ACO1  
API 15-039-21154-00-00  
Cotton Candy 1-14  
W/2 Sec.14-04S-30W  
Decatur County, Kansas

Dear Production Department:

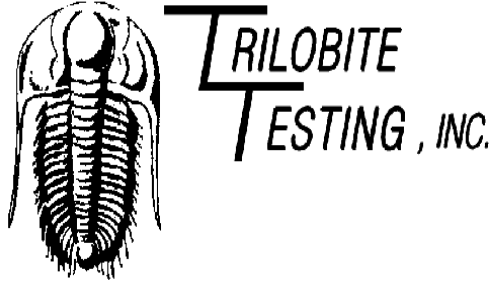
We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Leon Rodak

Cotton Candy #1-14 2640' FSL 330' FWL Sec. 14-4S-30W 2813' KB						Wessel #1-18 630' FSL 2015' FWL Sec. 18-4S-29W 2758' KB		
Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	2602	+211	+4	2597	+216	+9	2551	+207
B/Anhydrite	2638	+175	+2	2632	+181	+8	2585	+173
Topeka	3682	-869	+37	3679	-866	+40	3664	-906
Heebner	3849	-1036	+38	3846	-1033	+41	3832	-1074
Lansing	3899	-1086	+39	3893	-1080	+45	3883	-1125
Stark	4058	-1245	+35	4053	-1240	+40	4038	-1280
BKC	4105	-1292	+34	4101	-1288	+38	4084	-1326
Pawnee	4215	-1402	+31	4210	-1397	+36	4192	-1433
Cherokee	4302	-1489	+33	4295	-1482	+40	4280	-1522
Mississippi	4429	-1616	+28	4421	-1608	+36	4402	-1644
Arbuckle	4475	-1662	-----	4468	-1655	-----	NDE	-----
RTD	4506	-1693					4450	
LTD				4505			4452	





## DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling, Co.**

250 N Water Ste #300  
Wichita, KS 67202

ATTN: Rocky Milford

### **Cotton Candy #1-14**

### **14-4s-30w Decatur,KS**

Start Date: 2012.07.15 @ 06:39:00

End Date: 2012.07.15 @ 16:42:45

Job Ticket #: 48021                      DST #: 1

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

Printed: 2012.07.26 @ 08:37:30



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Murfin Drilling, Co.  
250 N Water Ste #300  
Wichita, KS 67202  
ATTN: Rocky Milford

**14-4s-30w Decatur, KS**

**Cotton Candy #1-14**

Job Ticket: 48021

**DST#: 1**

Test Start: 2012.07.15 @ 06:39:00

## GENERAL INFORMATION:

Formation: **LKC "B"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:48:45  
 Time Test Ended: 16:42:45  
 Interval: **3911.00 ft (KB) To 3932.00 ft (KB) (TVD)**  
 Total Depth: 3932.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Kevin Mack  
 Unit No: 43  
 Reference Elevations: 2813.00 ft (KB)  
 2808.00 ft (CF)  
 KB to GR/CF: 5.00 ft

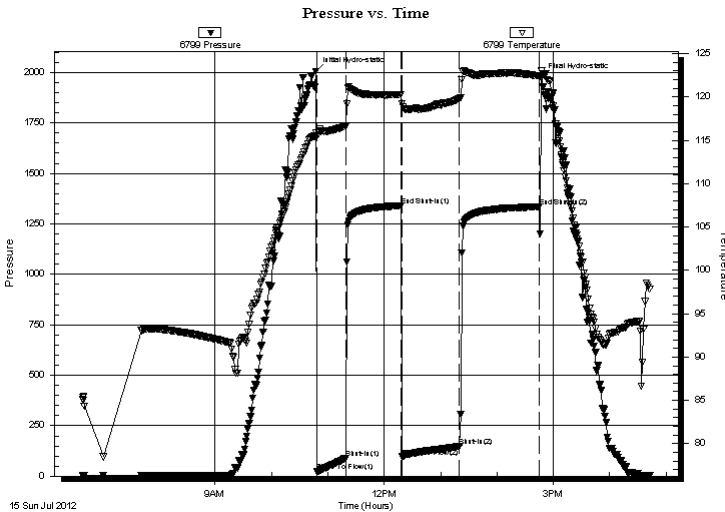
## Serial #: 6799

Inside

Press @ RunDepth: 148.28 psig @ 3912.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.07.15 End Date: 2012.07.15 Last Calib.: 2012.07.15  
 Start Time: 06:39:05 End Time: 16:42:45 Time On Btm: 2012.07.15 @ 10:47:30  
 Time Off Btm: 2012.07.15 @ 14:47:30

TEST COMMENT: 30 - IF- 1/8" Blow built to 5"  
 60 - IS- No Return  
 60 - FF- Surface Blow started at 4 min. Built to 8"  
 90 - FS- No Return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2006.21	115.82	Initial Hydro-static
2	22.24	115.51	Open To Flow (1)
32	87.33	116.63	Shut-In(1)
90	1340.26	120.28	End Shut-In(1)
92	95.61	119.20	Open To Flow (2)
153	148.28	119.84	Shut-In(2)
238	1335.31	122.44	End Shut-In(2)
240	1974.62	123.07	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	Show of oil spots in tool	0.00
186.00	MW 10M 90W	0.91
124.00	MW 30M 70W	1.74

## Gas Rates

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







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Murfin Drilling, Co.

**14-4s-30w Decatur, KS**

250 N Water Ste #300  
Wichita, KS 67202

**Cotton Candy #1-14**

Job Ticket: 48021

**DST#: 1**

ATTN: Rocky Milford

Test Start: 2012.07.15 @ 06:39:00

## Tool Information

Drill Pipe:	Length: 3725.00 ft	Diameter: 3.80 inches	Volume: 52.25 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 53.16 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3911.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	50.00 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			3883.00	
Shut In Tool	5.00			3888.00	
Hydraulic tool	5.00			3893.00	
Jars	5.00			3898.00	
Safety Joint	3.00			3901.00	
Packer	5.00			3906.00	29.00 Bottom Of Top Packer
Packer	5.00			3911.00	
Stubb	1.00			3912.00	
Recorder	0.00	8648	Inside	3912.00	
Recorder	0.00	6799	Inside	3912.00	
Perforations	15.00			3927.00	
Bullnose	5.00			3932.00	21.00 Bottom Packers & Anchor

**Total Tool Length: 50.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Murfin Drilling, Co.

**14-4s-30w Decatur,KS**

250 N Water Ste #300  
Wichita, KS 67202

**Cotton Candy #1-14**

Job Ticket: 48021

**DST#: 1**

ATTN: Rocky Milford

Test Start: 2012.07.15 @ 06:39:00

## 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:

19000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 900.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
0.00	Show of oil spots in tool	0.000
186.00	MW 10M 90W	0.915
124.00	MW 30M 70W	1.739

Total Length: 310.00 ft      Total Volume: 2.654 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW.28 @ 93 deg = 19000 ppm

Serial #: 6799

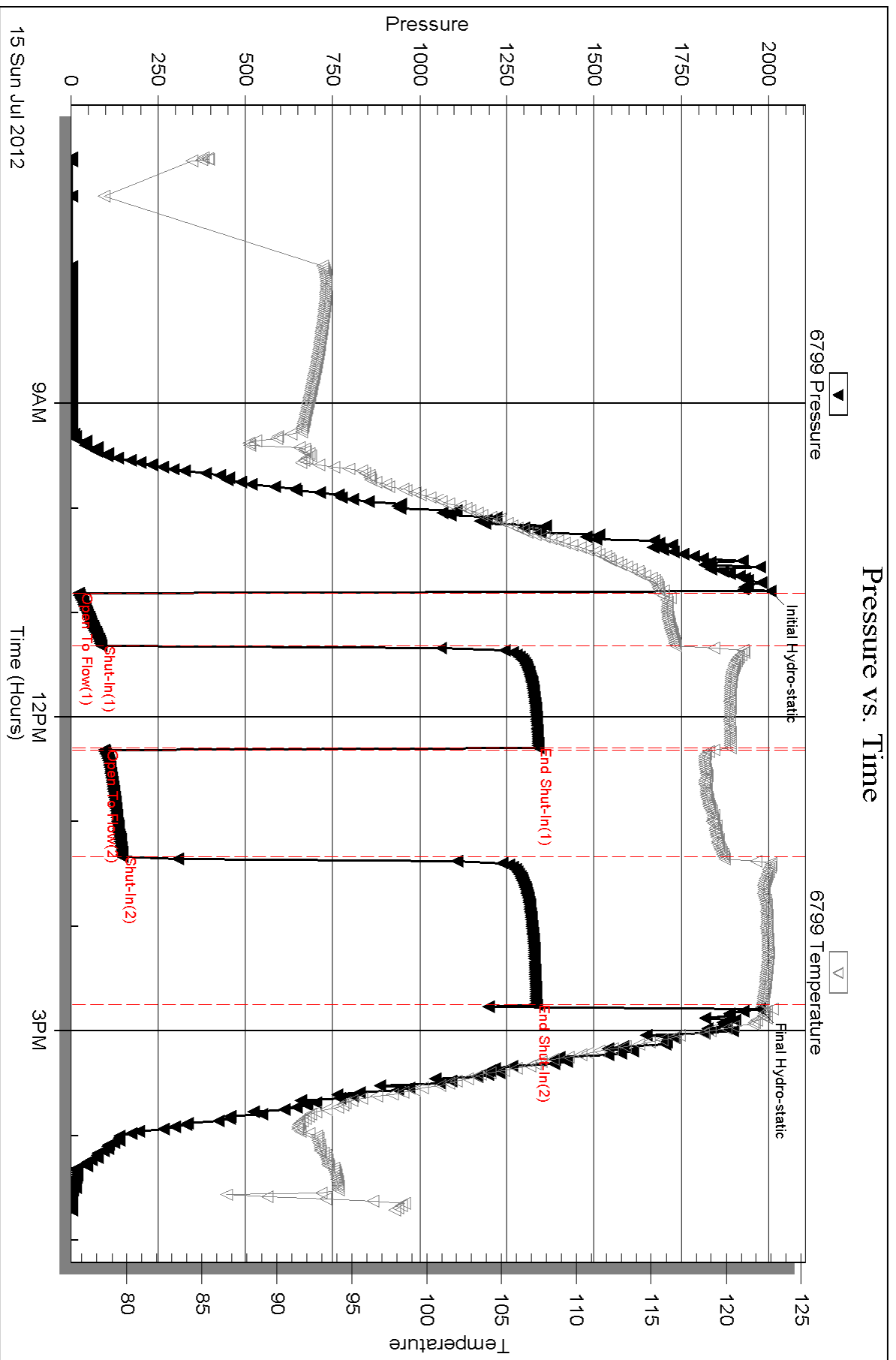
Inside

Murfin Drilling, Co.

Cotton Candy #1-14

DST Test Number: 1

### Pressure vs. Time



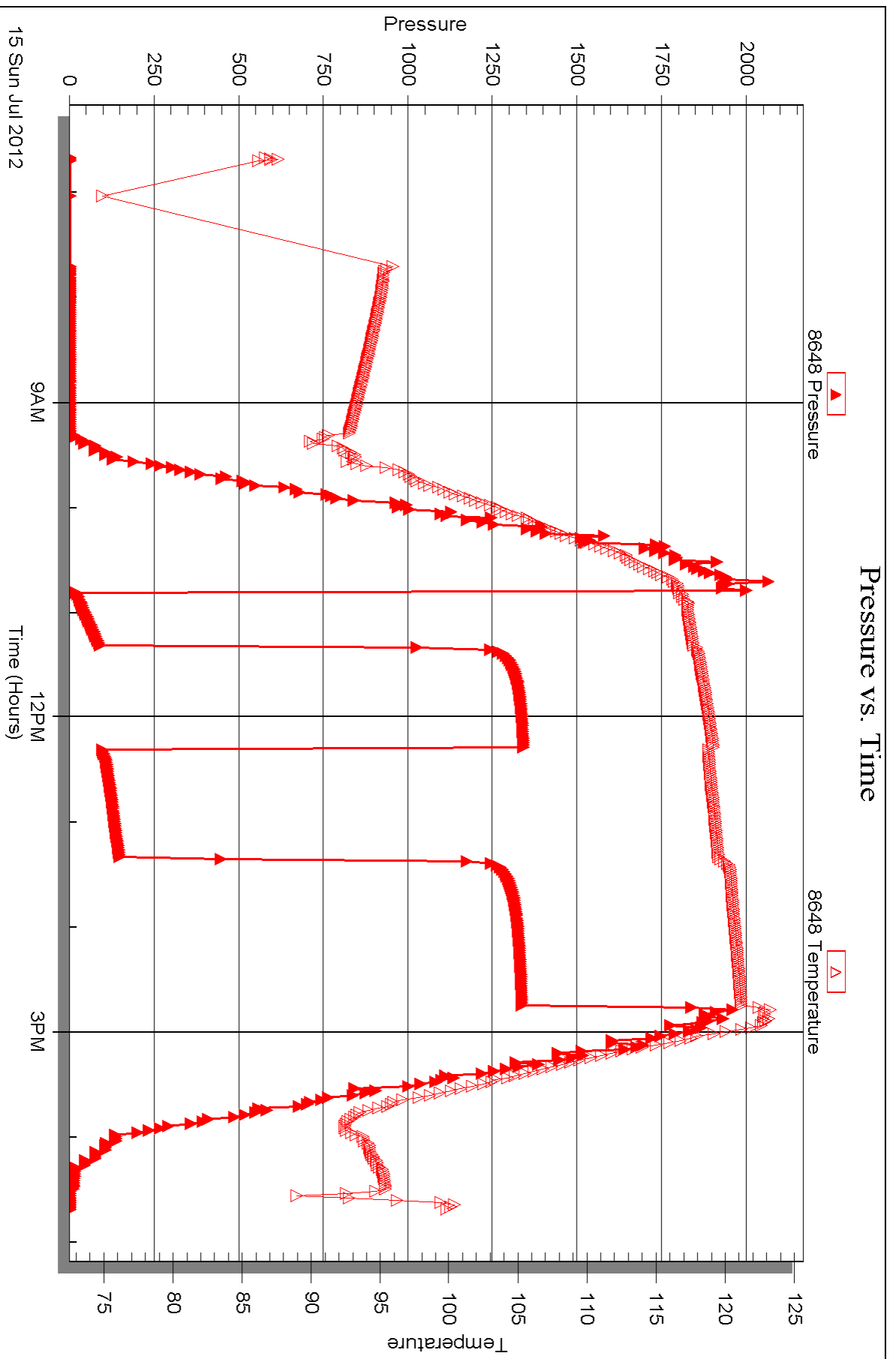
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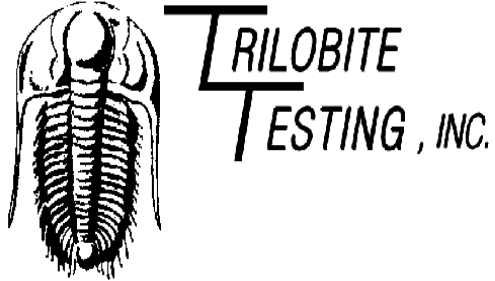
Inside

Murfin Drilling, Co.

Cotton Candy #1-14

DST Test Number: 1





## DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling, Co.**

250 N Water Ste #300  
Wichita, KS 67202

ATTN: Rocky Milford

### **Cotton Candy #1-14**

### **14-4s-30w Decatur,KS**

Start Date: 2012.07.16 @ 03:46:00

End Date: 2012.07.16 @ 10:33:15

Job Ticket #: 48022                      DST #: 2

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

Printed: 2012.07.26 @ 08:36:47







**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Murfin Drilling, Co.

**14-4s-30w Decatur, KS**

250 N Water Ste #300  
Wichita, KS 67202

**Cotton Candy #1-14**

Job Ticket: 48022

**DST#: 2**

ATTN: Rocky Milford

Test Start: 2012.07.16 @ 03:46:00

### Tool Information

Drill Pipe:	Length: 3757.00 ft	Diameter: 3.80 inches	Volume: 52.70 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 64000.00 lb
			<u>Total Volume: 53.61 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 55000.00 lb
Depth to Top Packer:	3947.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.00 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			3919.00	
Shut In Tool	5.00			3924.00	
Hydraulic tool	5.00			3929.00	
Jars	5.00			3934.00	
Safety Joint	3.00			3937.00	
Packer	5.00			3942.00	29.00 Bottom Of Top Packer
Packer	5.00			3947.00	
Stubb	1.00			3948.00	
Recorder	0.00	8648	Inside	3948.00	
Recorder	0.00	6799	Inside	3948.00	
Perforations	30.00			3978.00	
Bullnose	5.00			3983.00	36.00 Bottom Packers & Anchor

**Total Tool Length: 65.00**





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Murfin Drilling, Co.

**14-4s-30w Decatur,KS**

250 N Water Ste #300  
Wichita, KS 67202

**Cotton Candy #1-14**

Job Ticket: 48022

**DST#: 2**

ATTN: Rocky Milford

Test Start: 2012.07.16 @ 03:46:00

## 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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1900.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud 100M	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

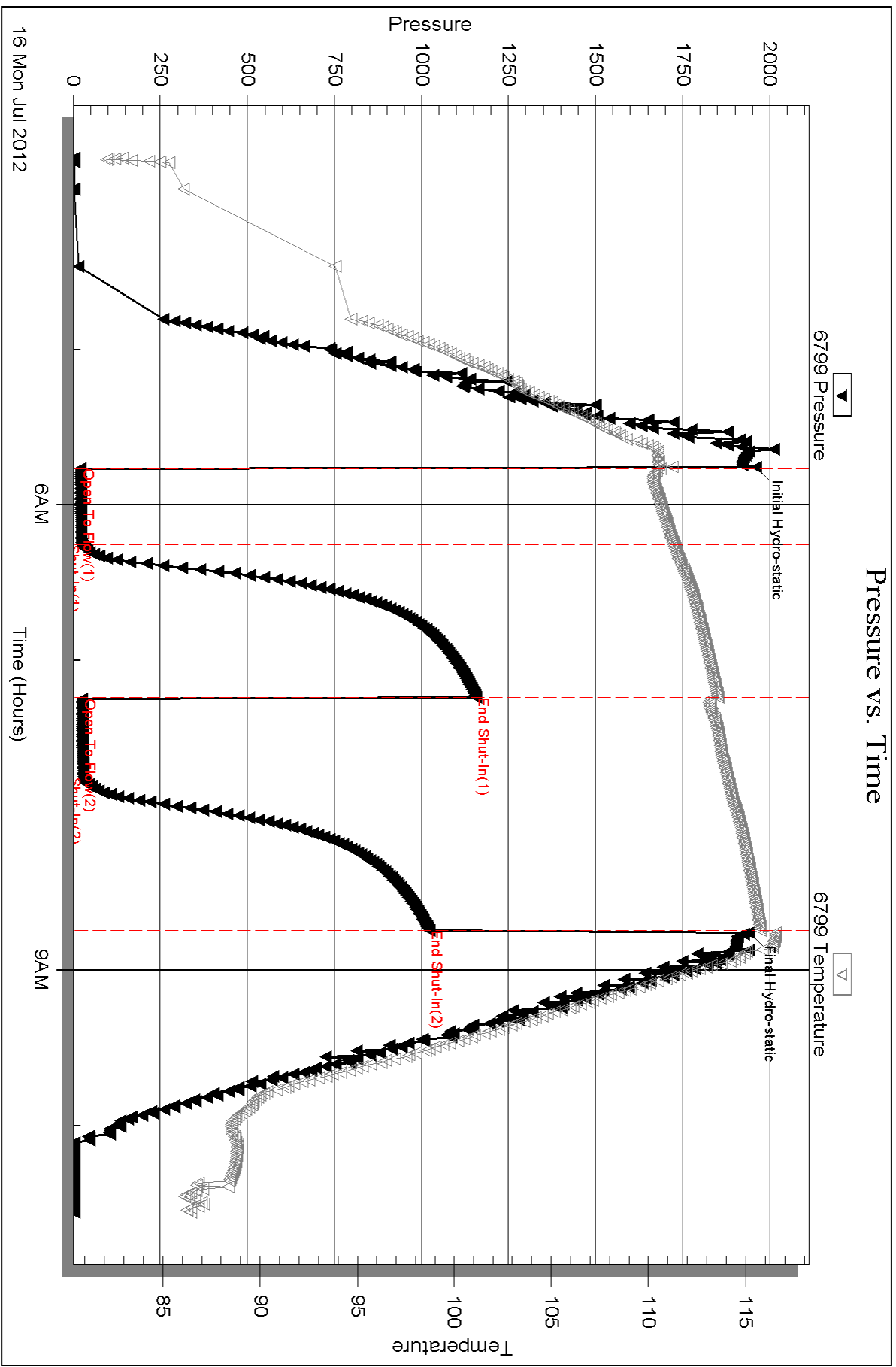
Num Gas Bombs: 0

Serial #:

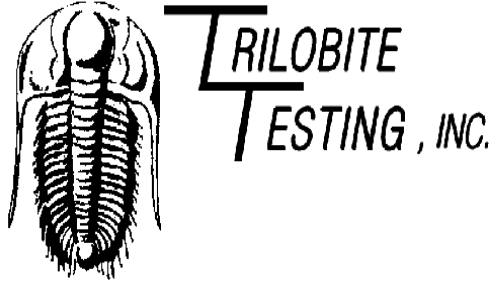
Laboratory Name:

Laboratory Location:

Recovery Comments:







## DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling, Co.**

250 N Water Ste #300  
Wichita, KS 67202

ATTN: Rocky Milford

### **Cotton Candy #1-14**

### **14-4s-30w Decatur,KS**

Start Date: 2012.07.17 @ 00:18:00

End Date: 2012.07.17 @ 08:53:45

Job Ticket #: 48023                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2012.07.26 @ 08:32:59

Murfin Drilling, Co. 14-4s-30w Decatur,KS Cotton Candy #1-14 DST # 3 LKC "H-K" 2012.07.17



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Murfin Drilling, Co.  
250 N Water Ste #300  
Wichita, KS 67202  
ATTN: Rocky Milford

**14-4s-30w Decatur, KS**  
**Cotton Candy #1-14**  
Job Ticket: 48023      **DST#: 3**  
Test Start: 2012.07.17 @ 00:18:00

## GENERAL INFORMATION:

Formation: **LKC "H-K"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 02:34:45  
Time Test Ended: 08:53:45  
Interval: **3996.00 ft (KB) To 4087.00 ft (KB) (TVD)**  
Total Depth: 4087.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Initial)  
Tester: Kevin Mack  
Unit No: 43  
Reference Elevations: 2813.00 ft (KB)  
2808.00 ft (CF)  
KB to GR/CF: 5.00 ft

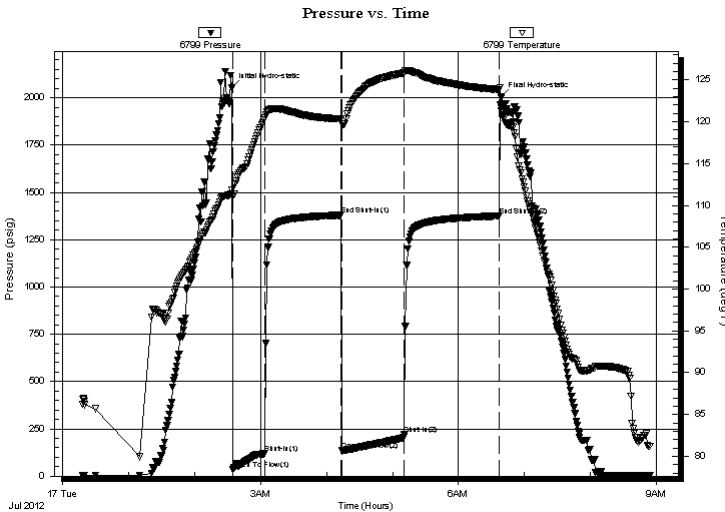
## Serial #: 6799

Inside

Press @ Run Depth: 222.90 psig @ 3997.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2012.07.17 End Date: 2012.07.17 Last Calib.: 2012.07.17  
Start Time: 00:18:05 End Time: 08:53:45 Time On Btm: 2012.07.17 @ 02:33:45  
Time Off Btm: 2012.07.17 @ 06:38:30

TEST COMMENT: 30 - IF- 1/8" Blow built to 9 1/2"  
60 - IS- No Return  
60 - FF- Surface blow started at 3 min. Built to BoB in 55 min.  
90 - FS- No Return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2051.63	111.84	Initial Hydro-static
1	34.78	111.13	Open To Flow (1)
30	119.55	120.43	Shut-In(1)
99	1379.17	120.32	End Shut-In(1)
100	134.79	119.71	Open To Flow (2)
157	222.90	125.86	Shut-In(2)
243	1375.01	123.83	End Shut-In(2)
245	2007.79	121.63	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
5.00	Mud (Heavy) 100M	0.02
181.00	MW 15M 85W	0.89
194.00	WM 70M 30W	2.72

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





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Murfin Drilling, Co.

**14-4s-30w Decatur, KS**

250 N Water Ste #300  
Wichita, KS 67202

**Cotton Candy #1-14**

Job Ticket: 48023

**DST#: 3**

ATTN: Rocky Milford

Test Start: 2012.07.17 @ 00:18:00

### Tool Information

Drill Pipe:	Length: 3787.00 ft	Diameter: 3.80 inches	Volume: 53.12 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: 186.00 ft	Diameter: 2.25 inches	Volume: 0.91 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 54.03 bbl</u>	Tool Chased ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	3996.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	91.00 ft			
Tool Length:	120.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3968.00	
Shut In Tool	5.00			3973.00	
Hydraulic tool	5.00			3978.00	
Jars	5.00			3983.00	
Safety Joint	3.00			3986.00	
Packer	5.00			3991.00	29.00 Bottom Of Top Packer
Packer	5.00			3996.00	
Stubb	1.00			3997.00	
Recorder	0.00	8648	Inside	3997.00	
Recorder	0.00	6799	Inside	3997.00	
Perforations	20.00			4017.00	
Change Over Sub	1.00			4018.00	
Drill Pipe	63.00			4081.00	
Change Over Sub	1.00			4082.00	
Bullnose	5.00			4087.00	91.00 Bottom Packers & Anchor

**Total Tool Length: 120.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Murfin Drilling, Co.

**14-4s-30w Decatur,KS**

250 N Water Ste #300  
Wichita, KS 67202

**Cotton Candy #1-14**

Job Ticket: 48023

**DST#: 3**

ATTN: Rocky Milford

Test Start: 2012.07.17 @ 00:18:00

## 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: 54.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Mud (Heavy) 100M	0.025
181.00	MW 15M 85W	0.890
194.00	WM 70M 30W	2.721

Total Length: 380.00 ft      Total Volume: 3.636 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

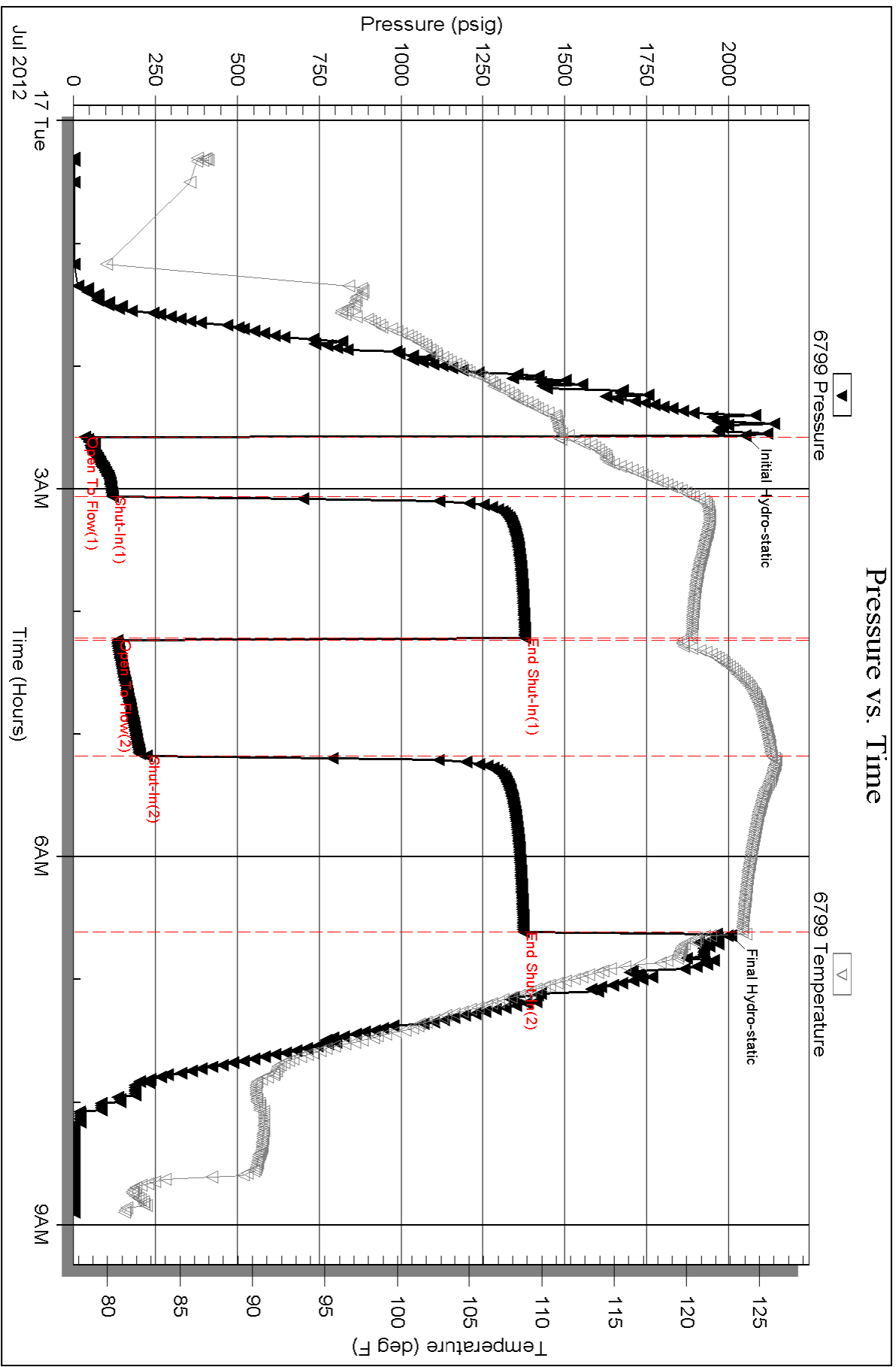
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





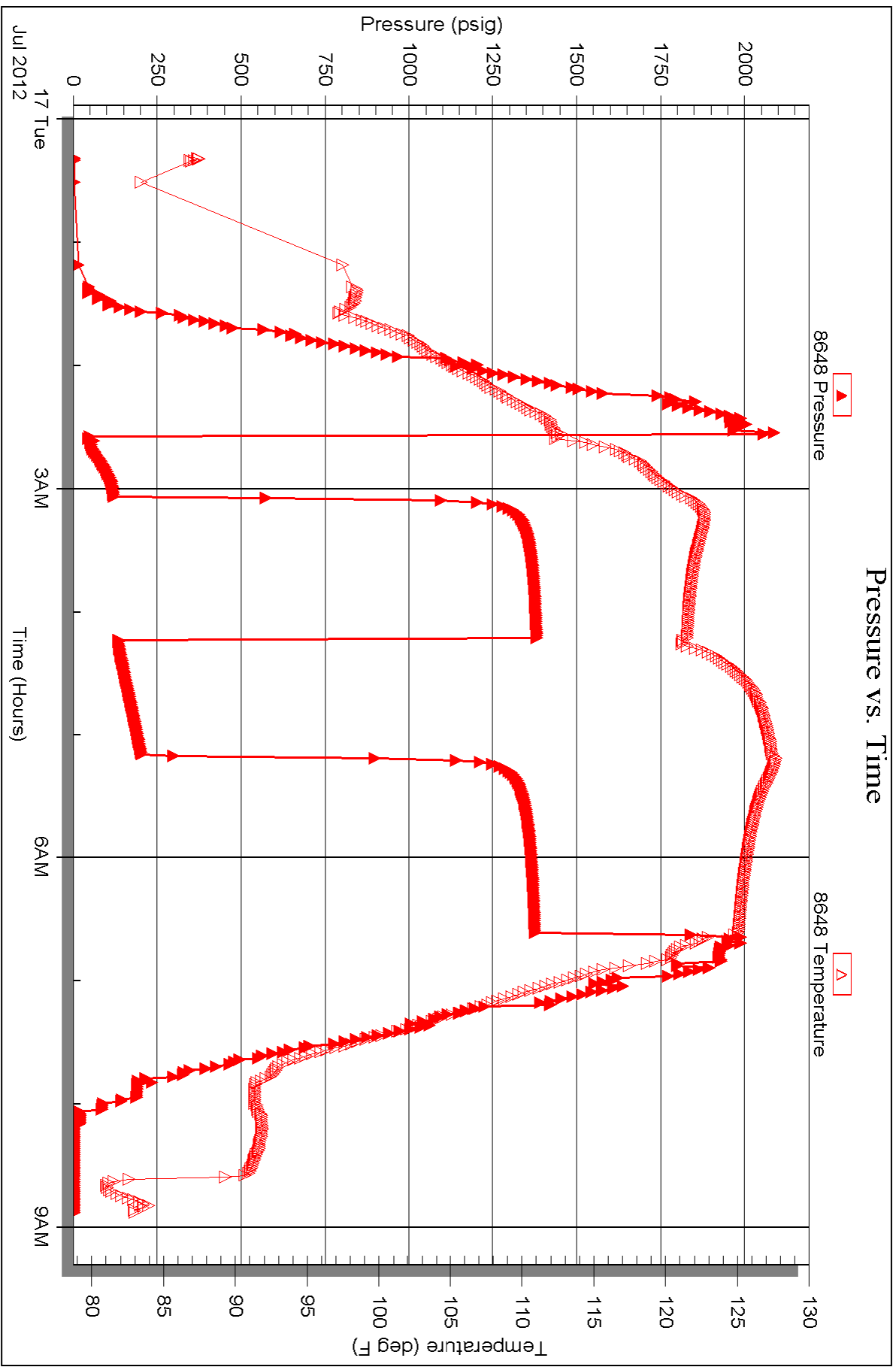
Serial #: 8648

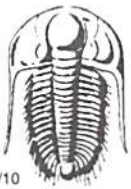
Inside

Murfin Drilling, Co.

Cotton Candy #1-14

DST Test Number: 3





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 48021

Well Name & No. Cotton Candy #1-14 Test No. 1 Date 7-15-12  
 Company Murphy Drilling Co. Elevation 2813 KB 2808 GL  
 Address 250 N Water STE #300 Wichita, KS 67202  
 Co. Rep / Geo. Rocky Milford Rig Murphy #8  
 Location: Sec. 14 Twp. 4s Rge. 30w Co. Decatur State KS

Interval Tested 3911-3932 Zone Tested LKC "B"  
 Anchor Length 3907 21' Drill Pipe Run 3725 Mud Wt. 9.0  
 Top Packer Depth 3907 Drill Collars Run 186 Vis 65  
 Bottom Packer Depth 3911 Wt. Pipe Run Ø WL 6.0  
 Total Depth 3932 Chlorides 900 ppm System LCM 5#  
 Blow Description IF - 1/8" Blow built to 5"  
IS - NO Return  
FF - Surface Blow started at 4 min. Built to 8"  
FS - NO Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>124</u>	<u>MW</u>		<u>70</u>	<u>30</u>	
<u>186</u>	<u>MW</u>		<u>90</u>	<u>10</u>	
<u>0</u>	<u>Show of oil spots in tool</u>	<u>(spots)</u>			

Rec Total 310 BHT 122 Gravity \_\_\_\_\_ API RW .28 @ 93 ° F Chlorides 19,000 ppm

(A) Initial Hydrostatic <u>2006</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>6:00 AM</u>
(B) First Initial Flow <u>22</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>6:39 AM</u>
(C) First Final Flow <u>87</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>10:48 AM</u>
(D) Initial Shut-In <u>1340</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>2:48 PM</u>
(E) Second Initial Flow <u>95</u>	<input checked="" type="checkbox"/> Hourly Standby <u>X2</u> 1.75h 175	T-Out <u>4:44 PM</u>
(F) Second Final Flow <u>148</u>	<input checked="" type="checkbox"/> Mileage <u>42 RT</u> 65.10	Comments <u>Rig had to</u>
(G) Final Shut-In <u>1335</u>	<input type="checkbox"/> Sampler _____	<u>fix high gear chain</u>
(H) Final Hydrostatic <u>1974</u>	<input type="checkbox"/> Straddle _____	<u>before TIHTT.</u>
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Initial Shut-In <u>60</u>	<input type="checkbox"/> Day Standby _____	Total <u>1715.10</u>
Final Flow <u>60</u>	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
Final Shut-In <u>90</u>	Sub Total <u>1715.10</u>	

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.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 48022

Well Name & No. Cotton Candy # 1-14 Test No. 2 Date 7-16-12  
 Company Murfin Drilling Co. Elevation 2813 KB 2808 GL  
 Address 250 N Water STE #300 Wichita, KS 67202  
 Co. Rep / Geo. Rocky Milford Rig Murfin #8  
 Location: Sec. 14 Twp. 4s Rge. 30 W Co. Decatur State KS

Interval Tested 3947-3983 Zone Tested LKC "E-G"  
 Anchor Length 36 Drill Pipe Run 3257 Mud Wt. 9.3  
 Top Packer Depth 3943 Drill Collars Run 186' Vis 54  
 Bottom Packer Depth 3947 Wt. Pipe Run Ø WL 6.8  
 Total Depth 3983 Chlorides 1,900 ppm System LCM 5#

Blow Description IF- Surface blow did not build or die  
IS- No Return  
FF- No Blow  
FS- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</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 Total 10 BHT 116 Gravity — API RW — @ — ° F Chlorides — ppm

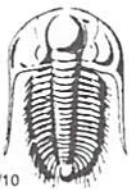
(A) Initial Hydrostatic <u>1959</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>3:40 AM</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>3:46 AM</u>
(C) First Final Flow <u>24</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>5:45 AM</u>
(D) Initial Shut-In <u>1156</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>8:45 AM</u>
(E) Second Initial Flow <u>25</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>10:34 AM</u>
(F) Second Final Flow <u>28</u>	<input checked="" type="checkbox"/> Mileage <u>42 RT</u> 65.10	Comments
(G) Final Shut-In <u>1020</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1939</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open 30  Extra Packer  
 Initial Shut-In 60  Extra Recorder  
 Final Flow 30  Day Standby  
 Final Shut-In 60  Accessibility

Sub Total 1540.10

Approved By \_\_\_\_\_ Our Representative 

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 48023

Well Name & No. Cotton Candy #1-14 Test No. 3 Date 7-16-12  
 Company Murfin Drilling Co. Elevation 2413 KB 2808 GL  
 Address 250 N Water STE #300 Wichita, KS 67202  
 Co. Rep / Geo. Rocky Milford Rig Murfin #8  
 Location: Sec. 14 Twp. 4S Rge. 30W Co. Decatur State KS

Interval Tested 3996-4087 Zone Tested LKC "H-K"  
 Anchor Length 91 Drill Pipe Run 3787 Mud Wt. 9.0  
 Top Packer Depth 3992 Drill Collars Run 186' Vis 54  
 Bottom Packer Depth 3996 Wt. Pipe Run 0 WL 6.4  
 Total Depth 4087 Chlorides 1,700 ppm System LCM 5#  
 Blow Description IF- 1/8" Blow built to 9 1/2"  
IS- No Return  
FF- Surface blow started at 3 min. Built to BOB in 55 min  
FS- No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>194</u>	<u>UM</u>		<u>30</u>	<u>70</u>	
<u>180</u>	<u>MW</u>		<u>85</u>	<u>15</u>	
<u>5</u>	<u>Mud (heavy)</u>			<u>100</u>	

Rec Total 380' BHT 124 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic <u>2051</u>	<input checked="" type="checkbox"/> Test 1250	T-On Location <u>11:50 AM</u>
(B) First Initial Flow <u>34</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>12:18 AM</u>
(C) First Final Flow <u>119</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>2:34 AM</u>
(D) Initial Shut-In <u>1379</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>6:34 AM</u>
(E) Second Initial Flow <u>134</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>8:54 AM</u>
(F) Second Final Flow <u>222</u>	<input checked="" type="checkbox"/> Mileage <u>42 RT</u> 65.10	Comments <u>RV Meter</u>
(G) Final Shut-In <u>1375</u>	<input type="checkbox"/> Sampler	<u>is not reading correctly</u>
(H) Final Hydrostatic <u>2007</u>	<input type="checkbox"/> Straddle	
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer 250	<input type="checkbox"/> Ruined Shale Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Final Shut-In <u>90</u>	<input checked="" type="checkbox"/> Day Standby <u>X1</u> 1d 12h	Sub Total <u>800</u>
	<input type="checkbox"/> Accessibility	Total <u>2690.10</u>
	Sub Total <u>1890.10</u>	MP/DST Disc't

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 - LIZH.

# INVOICE

Invoice Number: 131868  
Invoice Date: Jul 10, 2012  
Page: 1



<b>Bill To:</b>
Murfin Drlg. Co., Inc. 250 N. Water STE #300 Wichita, KS 67202

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Murfin	Cotton Candy #1-14	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jul 10, 2012	8/9/12

Quantity	Item	Description	Unit Price	Amount
185.00	MAT	Class A Common	16.25	3,006.25
7.00	MAT	Chloride	58.20	407.40
194.25	SER	Cubic Feet	2.10	407.43
448.00	SER	Ton Mileage	2.35	1,052.80
1.00	SER	Surface	1,125.00	1,125.00
50.00	SER	Pump Truck Mileage	7.00	350.00
1.00	SER	Manifold Swedge Rental	200.00	200.00
50.00	SER	Light Vehicle Mileage	4.00	200.00
1.00	CEMENTER	Darren Racette		
1.00	EQUIP OPER	Tyler Flipse		
1.00	OPER ASSIST	Adam Holcomb		

Subtotal	6,748.88
Sales Tax	249.20
Total Invoice Amount	6,998.08
Payment/Credit Applied	
<b>TOTAL</b>	<b>6,998.08</b>

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

**\$ 2362.10**

ONLY IF PAID ON OR BEFORE  
**Aug 4, 2012**

# ALLIED OIL & GAS SERVICES, LLC 056236

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
 RUSSELL, KANSAS 67665

SERVICE POINT  
Oaklay

DATE <u>7-10-12</u>	SEC <u>14</u>	TWP <u>2</u>	RANGE <u>30</u>	CALLED OUT	ON LOCATION <u>7:00 pm</u>	JOB START <u>7:30 pm</u>	JOB FINISH <u>8:00 pm</u>	
LEASE <u>Cotton Candy</u>	WELL # <u>1-14</u>	LOCATION <u>Seldon 4w-11N-1/2W</u>			COUNTY <u>Decatur</u>	STATE <u>Ks.</u>		
OLD OR <input checked="" type="checkbox"/> NEW (Circle one)			<u>an into</u>					<u>1.01</u> <u>7.3</u>

CONTRACTOR Murfin #8

TYPE OF JOB Surface

HOLE SIZE 12 1/4 TD.

CASING SIZE 8 7/8 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13,12

OWNER Same

CEMENT AMOUNT ORDERED 185 SKS Com 3% CC

EQUIPMENT

PUMP TRUCK CEMENTER Darren Racette 1

1423-281 HELPER Tyler Flipse 2

BULK TRUCK 1 404 DRIVER Adam Holcomb 3

BULK TRUCK 1 DRIVER

COMMON	<u>185 SKS</u>	@ <u>\$16.25</u>	<u>\$3006.25</u>
POZMIX		@	
GBL		@	
CHLORIDE	<u>7 SKS</u>	@ <u>\$58.20</u>	<u>\$407.40</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>194.25</u>	@ <u>\$2.10</u>	<u>\$407.93</u>
MILEAGE	<u>8.76 x 50 x \$2.35</u>		<u>\$1052.20</u>
	<u>448</u>		TOTAL <u>\$1875.00</u>

REMARKS:  
Mix 185 SKS Cement  
Displace with water  
Cement did circulate

SERVICE

DEPTH OF JOB 220

PUMP TRUCK CHARGE \$1125.00

EXTRA FOOTAGE @

MILEAGE 50 @ \$7.00 \$350.00

MANIFOLD Swedge @ \$200.00

LV mileage @ \$4.00 \$200.00

TOTAL \$1875.00

CHARGE TO: Murfin

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

To: Allied Oil & Gas 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.

SALES TAX (if Any) 249.19

TOTAL CHARGES 6,748.88

DISCOUNT 35 2362.10 IF PAID IN 30 DAYS

PRINTED NAME Adam Holcomb

SIGNATURE Adam Holcomb



Acct.  
Prod-Lizt

PO Box 93999  
Southlake, TX 76092

# INVOICE

Invoice Number: 131994  
Invoice Date: Jul 18, 2012  
Page: 1

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



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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Murfin	Cotton Candy #1-14	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Jul 18, 2012	8/17/12

Quantity	Item	Description	Unit Price	Amount
147.00	MAT	Class A Common	16.25	2,388.75
98.00	MAT	Pozmix	8.50	833.00
8.00	MAT	Gel	21.25	170.00
61.00	MAT	Flo Seal	2.70	164.70
263.13	SER	Cubic Feet	2.10	552.57
529.34	SER	Ton Mileage	2.35	1,243.97
1.00	SER	Plug to Abandon	1,250.00	1,250.00
50.00	SER	Pump Truck Mileage	7.00	350.00
50.00	SER	Light Vehicle Mileage	4.00	200.00
1.00	EQP	8.5/8 Dry Hole Plug	92.00	92.00
1.00	CEMENTER	Andrew Forslund		
1.00	EQUIP OPER	Dane Retzloff		
1.00	OPER ASSIST	Adam Holcomb		

Account	Unit	No.	Amount	Description
FD203			5238.13	PTA #1-14
3. 9402.0001				OK

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

Subtotal	7,244.99
Sales Tax	528.88
Total Invoice Amount	7,773.87
Payment/Credit Applied	
<b>TOTAL</b>	<b>7,773.87</b>

**\$2535.74**

ONLY IF PAID ON OR BEFORE  
**Aug 12, 2012**

(2535.74)  
**5238.13**



# ALLIED OIL & GAS SERVICES, LLC 056708

Federal Tax I.D.# 20-5976804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

DATE 2-18-12 SEC 14 TWP 4 RANGE 30 CALLED OUT \_\_\_\_\_ ON LOCATION \_\_\_\_\_  
 LEASE Cotton Candy WELL # 1-14 LOCATION Sec 14 on 4W 11N 12W JOB START 6:30 JOB FINISH 2:30 AM  
 COUNTY DeWitt STATE KS  
 OLD OR NEW (Circle one) NEW 2N into 103 7.3

CONTRACTOR Murfin S  
 TYPE OF JOB PTA  
 HOLE SIZE 2 7/8 T.D. \_\_\_\_\_  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 DEPTH 4455'  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_

OWNER same  
 CEMENT  
 AMOUNT ORDERED 245 sks Gofin  
490 gals 1/4" Flo-seal  
 COMMON 147 sks @ 16.25 2388.75  
 POZMIX 98 sks @ 8.50 833.00  
 GEL 8 sks @ 21.25 170.00  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
Flo-seal 61# @ 2.20 134.20  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 2.312904/ft @ 2.10 552.52  
 MILEAGE 2.21707/mile @ 10.58272 2343.97  
 TOTAL 6945.44

EQUIPMENT  
 PUMP TRUCK CEMENTER Andrew Forstlund  
 # 431 HELPER Case Retzlaff  
 BULK TRUCK  
 # 347 DRIVER Adam Holcomb  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:  
25 sks @ 4455'  
25 sks @ 2620'  
100 sks @ 1860'  
40 sks @ 220'  
10 sks @ 40'  
15 sks @ mouse hole  
30 sks @ Rat Hole  
 Thank you

SERVICE  
 DEPTH OF JOB 4455'  
 PUMP TRUCK CHARGE \_\_\_\_\_ 1250.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 50 miles @ 7.00 350.00  
 MANIFOLD @ \_\_\_\_\_  
light vehicle @ 4.00 200.00  
 @ \_\_\_\_\_  
 TOTAL 1800.00

CHARGE TO: Murfin  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT  
85#  
1 Dry hole plug @ \_\_\_\_\_ 92.00  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_  
 @ \_\_\_\_\_

To: Allied Oil & Gas 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.

TOTAL 92.00  
 SALES TAX (If Any) 528.88 645.13  
 TOTAL CHARGES 8374.49 7244.99  
 DISCOUNT 35 3097.72 IF PAID IN 30 DAYS  
2535.74

PRINTED NAME Rodney Farr  
 SIGNATURE Rodney Farr