



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1140511
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: _____



1140511

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

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

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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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

May 21, 2013

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

Re: ACO1
API 15-051-26471-00-00
Werth Trust 1-26
NE/4 Sec.26-15S-19W
Ellis 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

MDCI
 Werth Trust #1-26
 1700' FNL 400' FEL
 Sec. 26-T15S-R19W
 1966' KB

Cla Mar Oil Co.
 Herl #1
 N2 NW NW SE
 Sec. 23-T15S-R19W
 1971' KB

Formation	Sample top	Datum	Ref	Log tops	Datum	Ref	Log tops	Datum
Anhydrite	1135	+831	+16	1142	+824	+9	1156	+815
B/Anhydrite	1185	+781	+7	1182	+784	+10	1197	+774
Topeka	2934	-968	+16	2936	-970	+14	2955	-984
Heebner	3200	-1234	+15	3200	-1234	+15	3220	-1249
Toronto	3219	-1253	+16	3222	-1256	+13	3240	-1269
Lansing	3249	-1283	+12	3245	-1279	+16	3266	-1295
Stark	3449	-1483	+22	3444	-1478	+23	3476	-1505
BKC	3502	-1536	+19	3494	-1528	+27	3526	-1555
Arbuckle	3570	-1604	+42	3561	-1595	+51	3617	-1646
RTD	3670						3635	
LTD				3668			3639	

Robert D. Hendrix

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Murfin Drilling Company Inc.**

LEASE **Werth Trust #1-26**

FIELD **Martina**

LOCATION **1700' FNL & 400' FEL**

SEC **26 TW9P 15 S RGE 19W**

COUNTY **Ellis STATE Kansas**

CONTRACTOR **Murfin Drilling Rig #2**

SPUD **1/24/2013 COMP 2/3/2013**

RTD **3/6/2013 LTD 3/6/2013**

MUD UP **2740' TYPE MUD Chemical**

SAMPLES SAVED FROM **2850' TO RTD**

DRILLING TIME KEPT FROM **2850' TO RTD**

SAMPLES EXAMINED FROM **2850' TO RTD**

GEOLOGICAL SUPERVISION FROM **2850' to RTD**

GEOLOGIST ON WELL **Robert D. Hendrix**

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	1141 (+825)	1135 (+831)
Topeka	2935 (+969)	2934 (+968)
Heebner Sh	3201 (-1233)	3200 (-1234)
Lansing	3245 (-1279)	3249 (-1283)
Stark Sh	3445 (-1479)	3449 (-1483)
BKC	3496 (-1530)	3502 (-1536)
Arbuckle	3561 (-1595)	3570 (-1604)

ELEVATIONS

KB 1966'

DF _____

GL 1955'

Measurements Are All From **Kelly Bushing**

CASING

CONDUCTOR _____

SURFACE 8.5" @ 1150'

PRODUCTION _____

ELECTRICAL SURVEYS

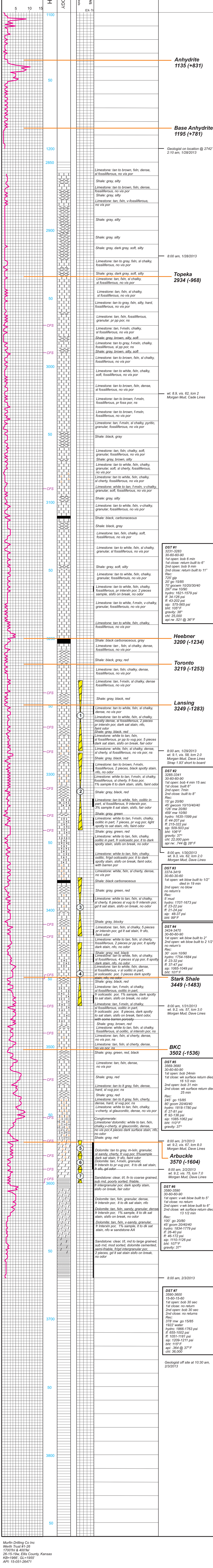
MIL/CN/CD/ MICO/SO/NC Pioneer

AP# 15-051-26471

REMARKS: Due to the positive results in the Arbuckle test it is recommended that production casing be run to further test this well.

LEGEND

	Anhydrite
	Sandstone
	Limestone
	Shale
	Carb Sh
	Cherty LS
	Chert
	Dolomite



Murfin Drilling Co Inc
 Werth Trust #1-26
 1700' FNL & 400' FEL
 26-15-19W, Ellis County, Kansas
 KB=1966' GL=1955'
 API: 15-051-26471



DRILL STEM TEST REPORT

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

250 N. Water Ste. #300
Wichita, KS 67202

ATTN: Robert Hendrix

Werth Trust #1-26

26-15s-19w Ellis,KS

Start Date: 2013.01.29 @ 06:59:30

End Date: 2013.01.29 @ 15:00:30

Job Ticket #: 50336 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.05 @ 15:18:08

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

Werth Trust #1-26

DST # 1

Lansing "A&B"

2013.01.29



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.
 250 N. Water Ste. #300
 Wichita, KS 67202
 ATTN: Robert Hendrix

26-15s-19w Ellis, KS

Werth Trust #1-26

Job Ticket: 50336

DST#: 1

Test Start: 2013.01.29 @ 06:59:30

GENERAL INFORMATION:

Formation: **Lansing "A&B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:49:20

Time Test Ended: 15:00:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 66

Interval: **3231.00 ft (KB) To 3283.00 ft (KB) (TVD)**

Reference Elevations: 1966.00 ft (KB)

Total Depth: 3283.00 ft (KB) (TVD)

1955.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8354

Inside

Press @ Run Depth: 201.68 psig @ 3270.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.29

End Date:

2013.01.29

Last Calib.:

2013.01.29

Start Time: 07:09:30

End Time:

15:00:30

Time On Btm:

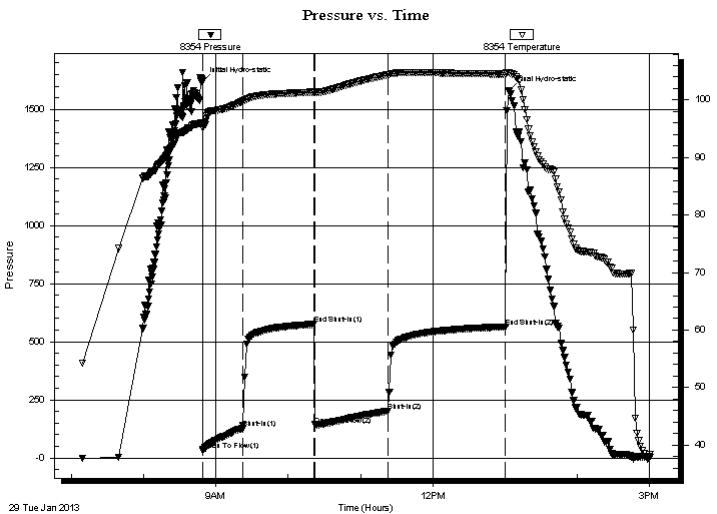
2013.01.29 @ 08:49:10

Time Off Btm:

2013.01.29 @ 13:03:00

TEST COMMENT: IF-Strong building blow . BOB @ 6 minutes.
 ISI-Return @ 30 seconds. Built to 6 inches.
 FF-Strong building blow . BOB @ 9 minutes.
 FSI-Return @ 30 seconds. Built to 11 inches.

PRESSURE SUMMARY



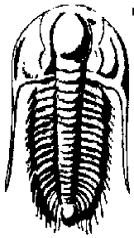
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1621.25	96.04	Initial Hydro-static
1	33.78	95.15	Open To Flow (1)
33	125.79	99.78	Shut-In (1)
92	574.78	101.39	End Shut-In (1)
93	142.76	101.32	Open To Flow (2)
154	201.68	104.40	Shut-In (2)
252	564.51	104.53	End Shut-In (2)
254	1579.05	104.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
297.00	90%Water/10%Mud	2.03
70.00	10%Gas/20%Oil/30%Water/40%Mud	0.98
20.00	15%Gas/85%Oil	0.28
0.00	725' G.I.P.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

250 N. Water Ste. #300
Wichita, KS 67202

ATTN: Robert Hendrix

26-15s-19w Ellis, KS

Werth Trust #1-26

Job Ticket: 50336

DST#: 1

Test Start: 2013.01.29 @ 06:59:30

GENERAL INFORMATION:

Formation: **Lansing "A&B"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:49:20

Time Test Ended: 15:00:30

Interval: 3231.00 ft (KB) To 3283.00 ft (KB) (TVD)

Total Depth: 3283.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 66

Reference Elevations: 1966.00 ft (KB)

1955.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8520 Outside

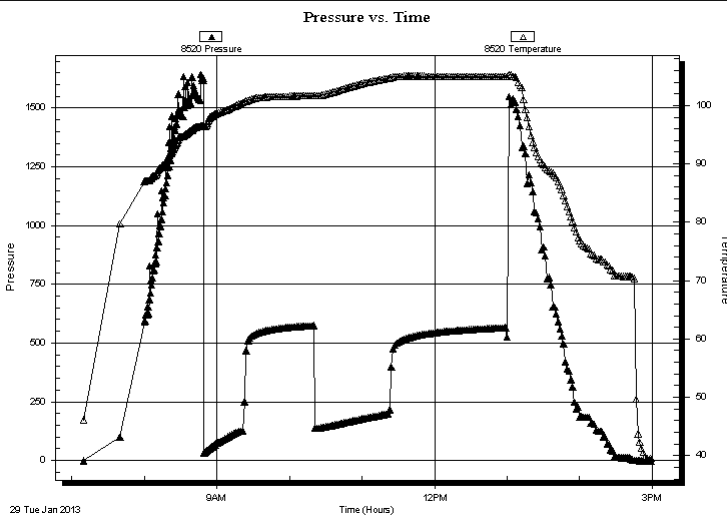
Press @RunDepth: psig @ 3270.00 ft (KB)

Start Date: 2013.01.29 End Date: 2013.01.29 Capacity: 8000.00 psig

Start Time: 07:09:45 End Time: 14:59:45 Last Calib.: 2013.01.29

Time On Btm: Time Off Btm:

TEST COMMENT: IF-Strong building blow . BOB @ 6 minutes.
ISI-Return @ 30 seconds. Built to 6 inches.
FF-Strong building blow . BOB @ 9 minutes.
FSI-Return @ 30 seconds. Built to 11 inches.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
297.00	90%Water/10%Mud	2.03
70.00	10%Gas/20%Oil/30%Water/40%Mud	0.98
20.00	15%Gas/85%Oil	0.28
0.00	725' G.I.P.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50336

DST#: 1

ATTN: Robert Hendrix

Test Start: 2013.01.29 @ 06:59:30

Tool Information

Drill Pipe:	Length: 2973.00 ft	Diameter: 3.80 inches	Volume: 41.70 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 22000.00 lb
Drill Collar:	Length: 235.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 5000.00 lb
			<u>Total Volume: 42.86 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3231.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.00 ft			
Tool Length:	80.00 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			3204.00	
Shut In Tool	5.00			3209.00	
Hydraulic tool	5.00			3214.00	
Jars	5.00			3219.00	
Safety Joint	3.00			3222.00	
Packer	5.00			3227.00	28.00 Bottom Of Top Packer
Packer	4.00			3231.00	
Stubb	1.00			3232.00	
Perforations	5.00			3237.00	
Change Over Sub	1.00			3238.00	
Drill Pipe	31.00			3269.00	
Change Over Sub	1.00			3270.00	
Recorder	0.00	8354	Inside	3270.00	
Recorder	0.00	8520	Outside	3270.00	
Perforations	10.00			3280.00	
Bullnose	3.00			3283.00	52.00 Bottom Packers & Anchor
Total Tool Length:	80.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50336

DST#: 1

ATTN: Robert Hendrix

Test Start: 2013.01.29 @ 06:59:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

25000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.35 in³

Gas Cushion Type:

Resistivity: 0.52 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
297.00	90%Water/10%Mud	2.025
70.00	10%Gas/20%Oil/30%Water/40%Mud	0.982
20.00	15%Gas/85%Oil	0.281
0.00	725' G.I.P.	0.000

Total Length: 387.00 ft

Total Volume: 3.288 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

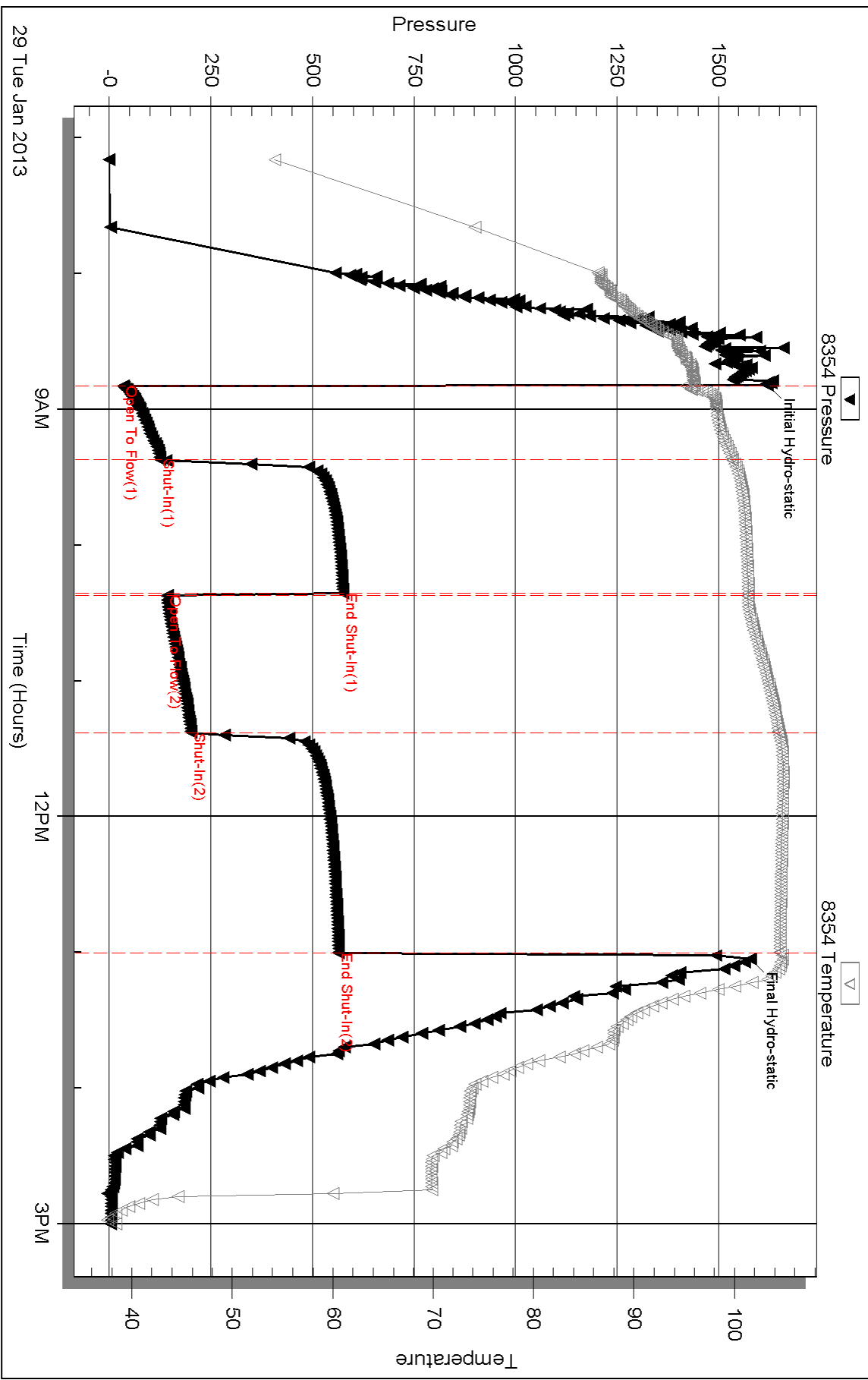
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

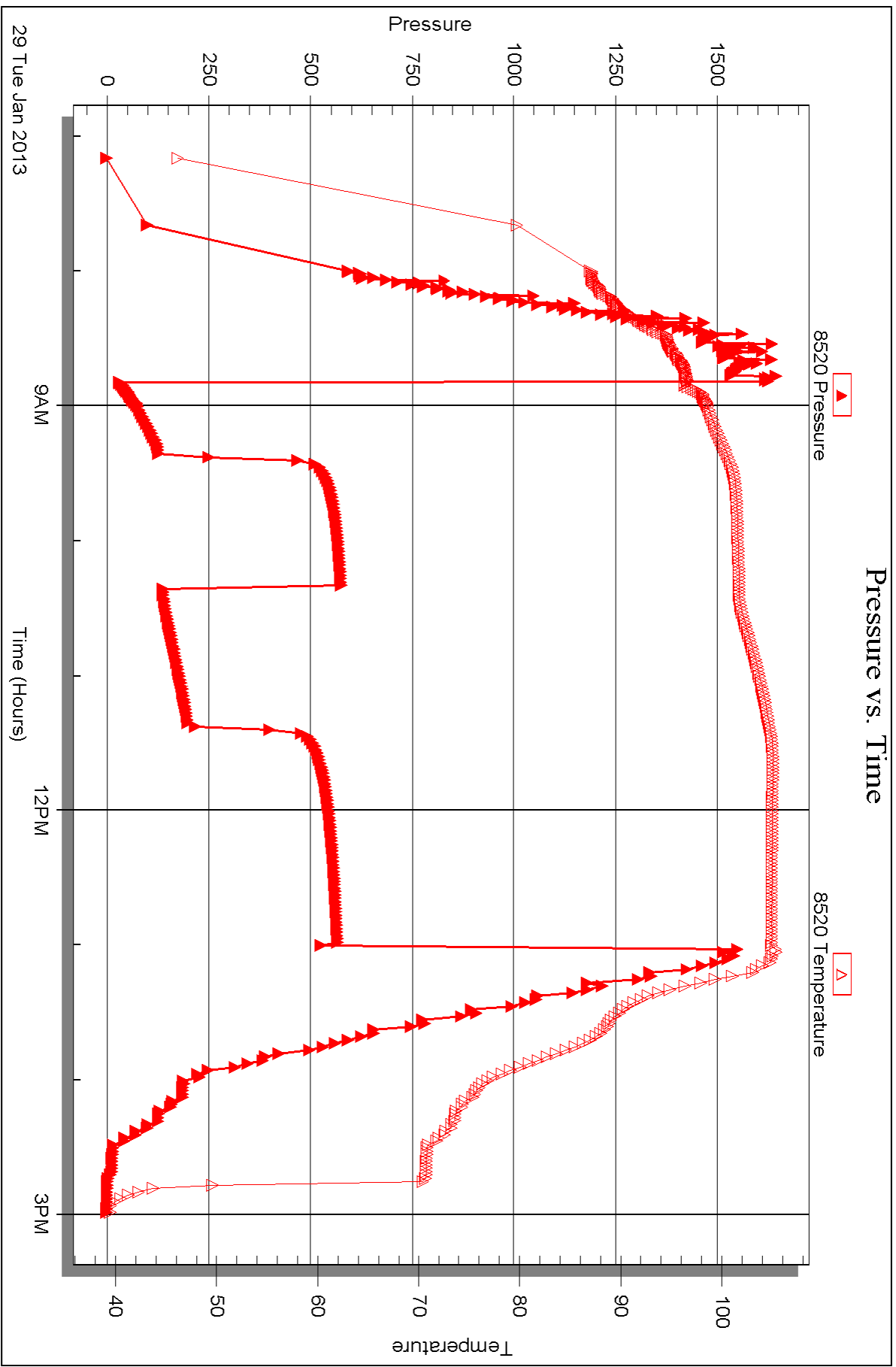


Serial #: 8520

Outside Murfin Drilling Co., Inc.

Merth Trust #1-26

DST Test Number: 1





DRILL STEM TEST REPORT

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

250 N. Water Ste. #300
Wichita, KS 67202

ATTN: Robert Hendrix

Werth Trust #1-26

26-15s-19w Ellis,KS

Start Date: 2013.01.30 @ 00:35:30

End Date: 2013.01.30 @ 09:13:30

Job Ticket #: 50337 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.05 @ 15:17:17



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.
250 N. Water Ste. #300
Wichita, KS 67202
ATTN: Robert Hendrix

26-15s-19w Ellis,KS

Werth Trust #1-26

Job Ticket: 50337

DST#: 2

Test Start: 2013.01.30 @ 00:35:30

GENERAL INFORMATION:

Formation: **Lansing "D,E&F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:29:20
 Time Test Ended: 09:13:30
 Interval: **3285.00 ft (KB) To 3341.00 ft (KB) (TVD)**
 Total Depth: 3341.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Rash
 Unit No: 66
 Reference Elevations: 1966.00 ft (KB)
 1955.00 ft (CF)
 KB to GR/CF: 11.00 ft

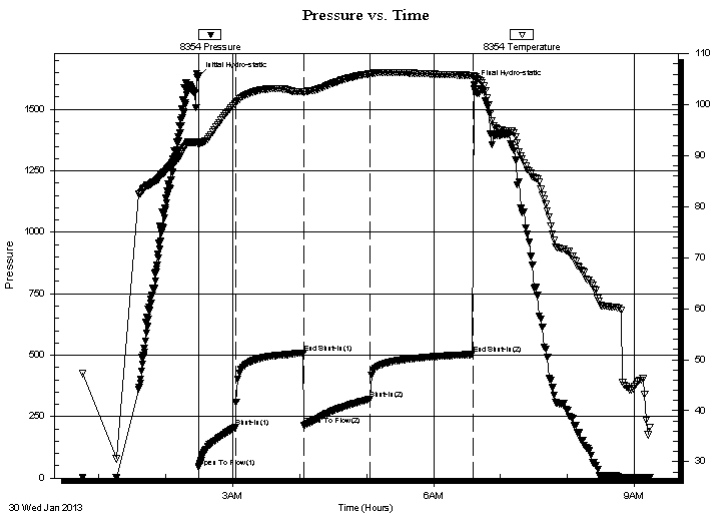
Serial #: 8354

Inside

Press @ Run Depth: 321.97 psig @ 3324.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.30 End Date: 2013.01.30 Last Calib.: 2013.01.30
 Start Time: 00:45:30 End Time: 09:13:30 Time On Btm: 2013.01.30 @ 02:29:10
 Time Off Btm: 2013.01.30 @ 06:36:30

TEST COMMENT: IF-Strong building blow . BOB @ 4 minutes 15 seconds.
 ISI-Return @ 30 seconds. Built to 6 inches.
 FF-Strong building blow . BOB @ 7 minutes.
 FSI-Return @ 30 seconds. Built to 8 inches.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.06	92.74	Initial Hydro-static
1	44.01	92.18	Open To Flow (1)
34	207.48	100.34	Shut-In(1)
95	508.86	102.49	End Shut-In(1)
95	215.42	102.45	Open To Flow (2)
154	321.97	106.06	Shut-In(2)
246	503.07	105.74	End Shut-In(2)
248	1598.91	105.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
459.00	90%Water/10%Mud	4.30
126.00	80%Water/20%Mud	1.77
45.00	10%Gas/40%Oil/10%Water/40%Mud	0.63
15.00	20%Gas/80%Oil	0.21
0.00	786' G.I.P.	0.00

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50337

DST#: 2

ATTN: Robert Hendrix

Test Start: 2013.01.30 @ 00:35:30

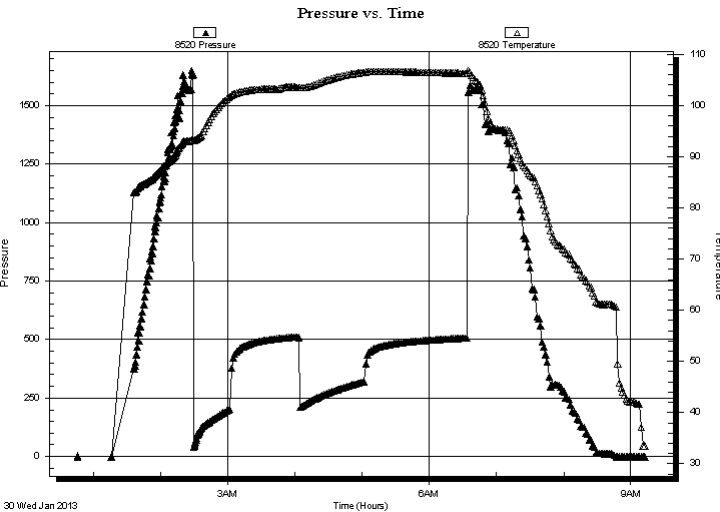
GENERAL INFORMATION:

Formation: **Lansing "D,E&F"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 02:29:20
 Tester: Dustin Rash
 Time Test Ended: 09:13:30
 Unit No: 66
Interval: 3285.00 ft (KB) To 3341.00 ft (KB) (TVD)
 Reference Elevations: 1966.00 ft (KB)
 Total Depth: 3341.00 ft (KB) (TVD) 1955.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 8520 Outside

Press @ Run Depth:	psig @	3324.00 ft (KB)	Capacity:	8000.00 psig
Start Date:	2013.01.30	End Date:	2013.01.30	Last Calib.:
Start Time:	00:45:45	End Time:	09:13:15	Time On Btm:
				Time Off Btm:

TEST COMMENT: IF-Strong building blow . BOB @ 4 minutes 15 seconds.
 IS-Return @ 30 seconds. Built to 6 inches.
 FF-Strong building blow . BOB @ 7 minutes.
 FS-Return @ 30 seconds. Built to 8 inches.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
459.00	90%Water/10%Mud	4.30
126.00	80%Water/20%Mud	1.77
45.00	10%Gas/40%Oil/10%Water/40%Mud	0.63
15.00	20%Gas/80%Oil	0.21
0.00	786' G.I.P.	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50337

DST#: 2

ATTN: Robert Hendrix

Test Start: 2013.01.30 @ 00:35:30

Tool Information

Drill Pipe:	Length: 3039.00 ft	Diameter: 3.80 inches	Volume: 42.63 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 235.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose:	10000.00 lb
			<u>Total Volume: 43.79 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	3285.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	56.00 ft				
Tool Length:	84.00 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			3258.00	
Shut In Tool	5.00			3263.00	
Hydraulic tool	5.00			3268.00	
Jars	5.00			3273.00	
Safety Joint	3.00			3276.00	
Packer	5.00			3281.00	28.00 Bottom Of Top Packer
Packer	4.00			3285.00	
Stubb	1.00			3286.00	
Perforations	5.00			3291.00	
Change Over Sub	1.00			3292.00	
Drill Pipe	31.00			3323.00	
Change Over Sub	1.00			3324.00	
Recorder	0.00	8354	Inside	3324.00	
Recorder	0.00	8520	Outside	3324.00	
Perforations	14.00			3338.00	
Bullnose	3.00			3341.00	56.00 Bottom Packers & Anchor
Total Tool Length:	84.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50337

DST#: 2

ATTN: Robert Hendrix

Test Start: 2013.01.30 @ 00:35:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

22000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: 0.74 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
459.00	90%Water/10%Mud	4.298
126.00	80%Water/20%Mud	1.767
45.00	10%Gas/40%Oil/10%Water/40%Mud	0.631
15.00	20%Gas/80%Oil	0.210
0.00	786' G.I.P.	0.000

Total Length: 645.00 ft

Total Volume: 6.906 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

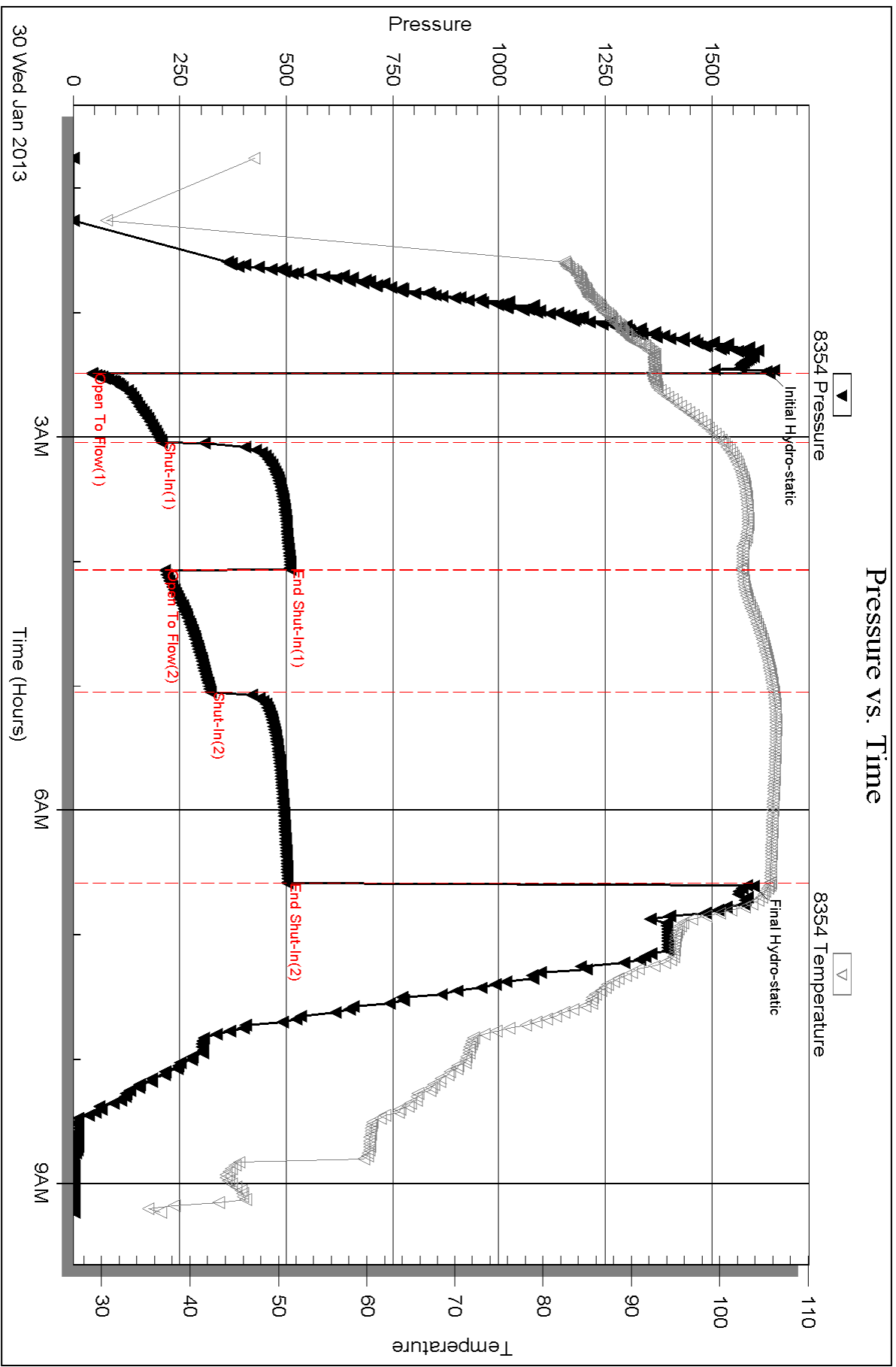
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

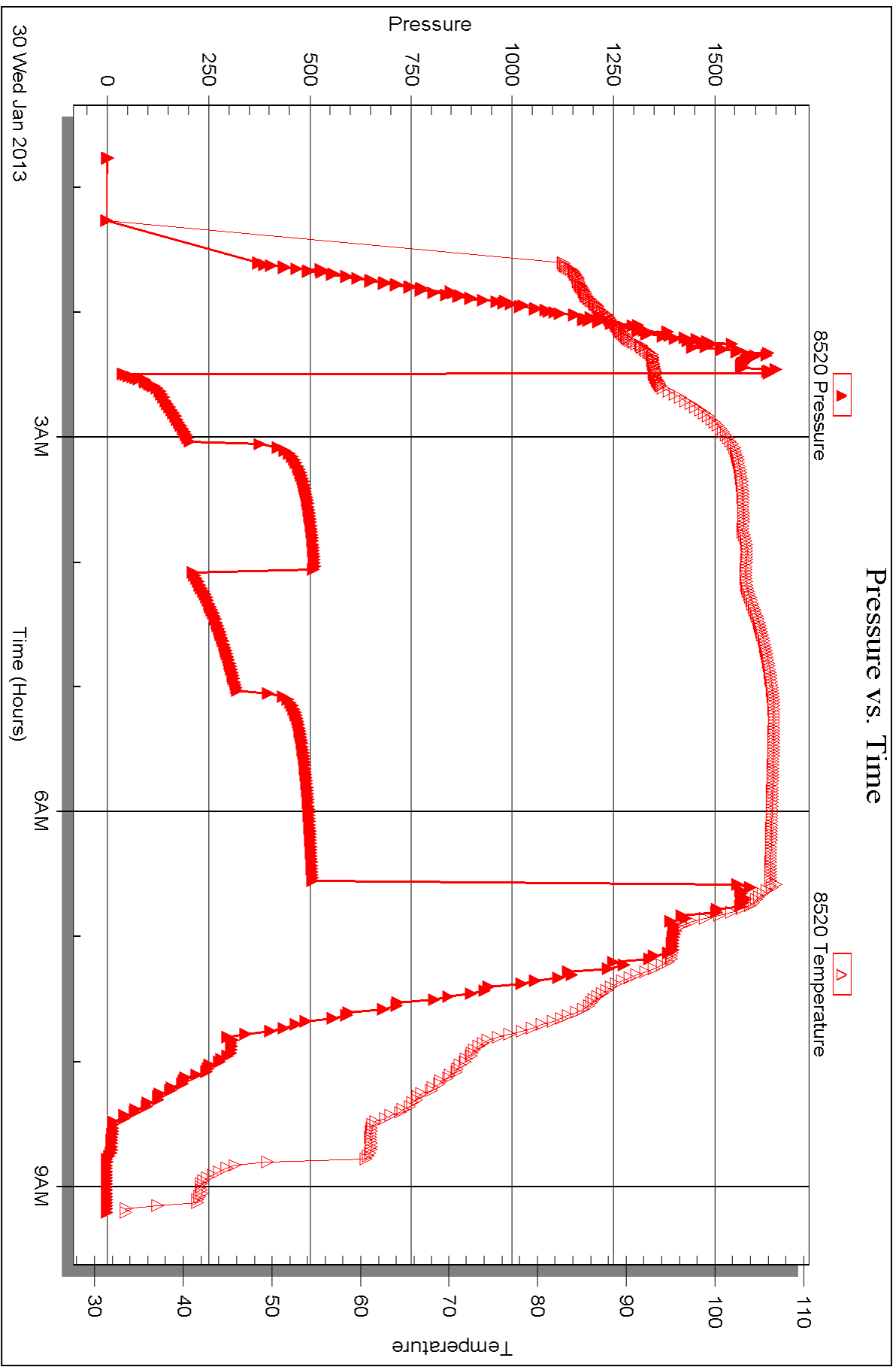


Serial #: 8520

Outside Murfin Drilling Co., Inc.

Worth Trust #1-26

DST Test Number: 2





DRILL STEM TEST REPORT

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

250 N. Water Ste. #300
Wichita, KS 67202

ATTN: Robert Hendrix

Werth Trust #1-26

26-15s-19w Ellis,KS

Start Date: 2013.01.30 @ 18:45:15

End Date: 2013.01.31 @ 00:53:15

Job Ticket #: 50338 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.05 @ 15:08:18

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

Werth Trust #1-26

DST # 3

Lansing "H&I"

2013.01.30



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

ATTN: Robert Hendrix

Job Ticket: 50338

DST#: 3

Test Start: 2013.01.30 @ 18:45:15

GENERAL INFORMATION:

Formation: **Lansing "H&I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:07:05

Time Test Ended: 00:53:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 66

Interval: 3374.00 ft (KB) To 3419.00 ft (KB) (TVD)

Reference Elevations: 1966.00 ft (KB)

Total Depth: 3419.00 ft (KB) (TVD)

1955.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8354 Inside

Press @ Run Depth: 23.88 psig @ 3413.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.30

End Date: 2013.01.31

Last Calib.: 2013.01.31

Start Time: 18:55:15

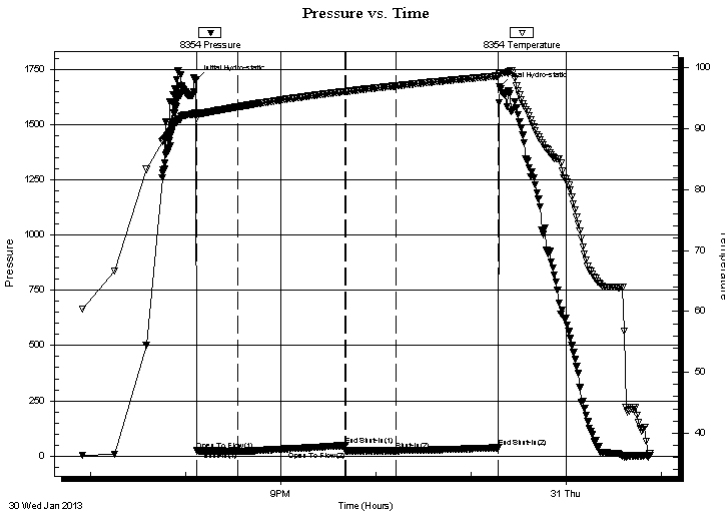
End Time: 00:53:15

Time On Btm: 2013.01.30 @ 20:06:55

Time Off Btm: 2013.01.30 @ 23:18:15

TEST COMMENT: IF-Weak blow . Built to 1/2 inch. Died @ 19 minutes.
IS-No Return.
FF-No Blow .
FS-No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1706.94	92.71	Initial Hydro-static
1	23.38	91.76	Open To Flow (1)
26	21.52	93.60	Shut-In(1)
94	47.69	96.12	End Shut-In(1)
95	21.45	96.13	Open To Flow (2)
126	23.88	97.05	Shut-In(2)
191	37.40	98.68	End Shut-In(2)
192	1673.10	99.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%Mud	0.02

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50338

DST#: 3

ATTN: Robert Hendrix

Test Start: 2013.01.30 @ 18:45:15

GENERAL INFORMATION:

Formation: **Lansing "H&I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:07:05

Time Test Ended: 00:53:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 66

Interval: 3374.00 ft (KB) To 3419.00 ft (KB) (TVD)

Reference Elevations: 1966.00 ft (KB)

Total Depth: 3419.00 ft (KB) (TVD)

1955.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8520 Outside

Press @ RunDepth: psig @ 3413.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.30 End Date: 2013.01.31

Last Calib.: 2013.01.31

Start Time: 18:55:30 End Time: 00:53:00

Time On Btm:

Time Off Btm:

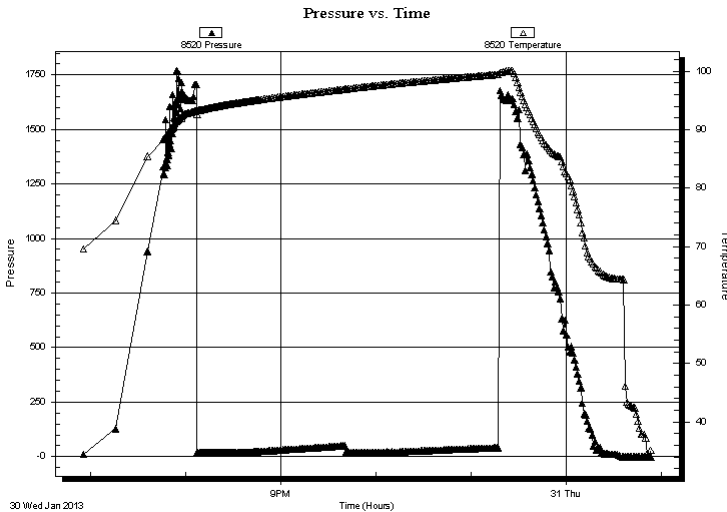
TEST COMMENT: IF-Weak blow . Built to 1/2 inch. Died @ 19 minutes.

ISI-No Return.

FF-No Blow .

FSI-No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Gas Rates

Length (ft)	Description	Volume (bbl)
5.00	100%Mud	0.02

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50338

DST#: 3

ATTN: Robert Hendrix

Test Start: 2013.01.30 @ 18:45:15

Tool Information

Drill Pipe:	Length: 3130.00 ft	Diameter: 3.80 inches	Volume: 43.91 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 235.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 5000.00 lb
			<u>Total Volume: 45.07 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	19.00 ft			String Weight: Initial 64000.00 lb
Depth to Top Packer:	3374.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	45.00 ft			
Tool Length:	73.00 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			3347.00	
Shut In Tool	5.00			3352.00	
Hydraulic tool	5.00			3357.00	
Jars	5.00			3362.00	
Safety Joint	3.00			3365.00	
Packer	5.00			3370.00	28.00 Bottom Of Top Packer
Packer	4.00			3374.00	
Stubb	1.00			3375.00	
Perforations	5.00			3380.00	
Change Over Sub	1.00			3381.00	
Drill Pipe	31.00			3412.00	
Change Over Sub	1.00			3413.00	
Recorder	0.00	8354	Inside	3413.00	
Recorder	0.00	8520	Outside	3413.00	
Perforations	3.00			3416.00	
Bullnose	3.00			3419.00	45.00 Bottom Packers & Anchor
Total Tool Length:	73.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50338

DST#: 3

ATTN: Robert Hendrix

Test Start: 2013.01.30 @ 18:45:15

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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.95 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6900.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

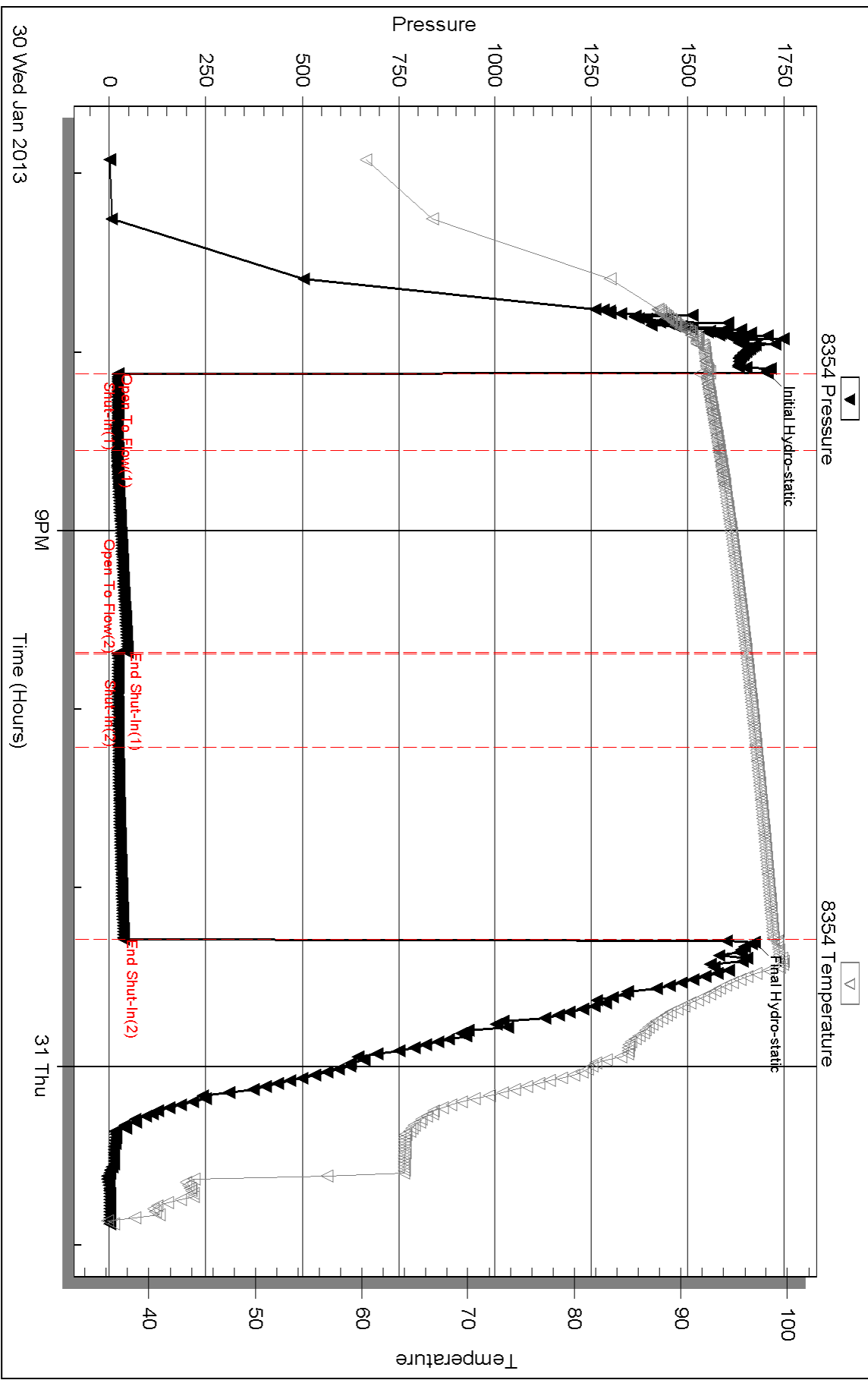
Inside

Murfin Drilling Co., Inc.

Worth Trust #1-26

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50338

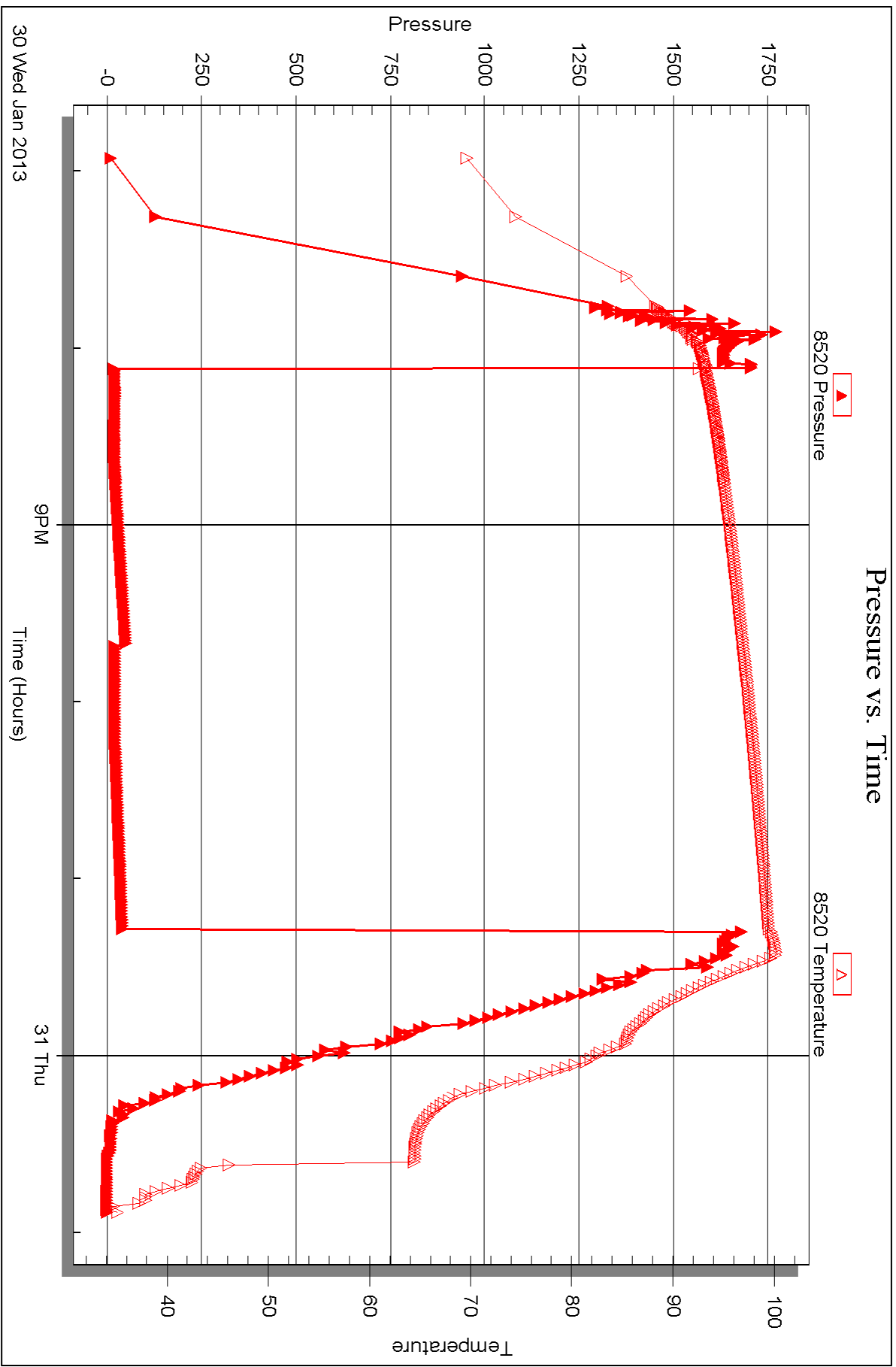
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Serial #: 8520

Outside Murfin Drilling Co., Inc.

Worth Trust #1-26

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 50338

Printed: 2013.02.05 @ 15:08:22



DRILL STEM TEST REPORT

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

250 N. Water Ste. #300
Wichita, KS 67202

ATTN: Robert Hendrix

Werth Trust #1-26

26-15s-19w Ellis,KS

Start Date: 2013.01.31 @ 10:09:30

End Date: 2013.01.31 @ 17:37:00

Job Ticket #: 50339 DST #: 4

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

Printed: 2013.02.05 @ 15:07:37

Murfin Drilling Co., Inc.
26-15s-19w Ellis,KS
Werth Trust #1-26
DST # 4
Lansing "J-K"
2013.01.31



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

26-15s-19w Ellis, KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

ATTN: Robert Hendrix

Job Ticket: 50339

DST#: 4

Test Start: 2013.01.31 @ 10:09:30

GENERAL INFORMATION:

Formation: **Lansing "J-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:49:30

Time Test Ended: 17:37:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 66

Interval: 3424.00 ft (KB) To 3470.00 ft (KB) (TVD)

Reference Elevations: 1966.00 ft (KB)

Total Depth: 3470.00 ft (KB) (TVD)

1955.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8354 Inside

Press @ RunDepth: 47.14 psig @ 3463.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.31

End Date:

2013.01.31

Last Calib.: 2013.01.31

Start Time: 10:19:30

End Time:

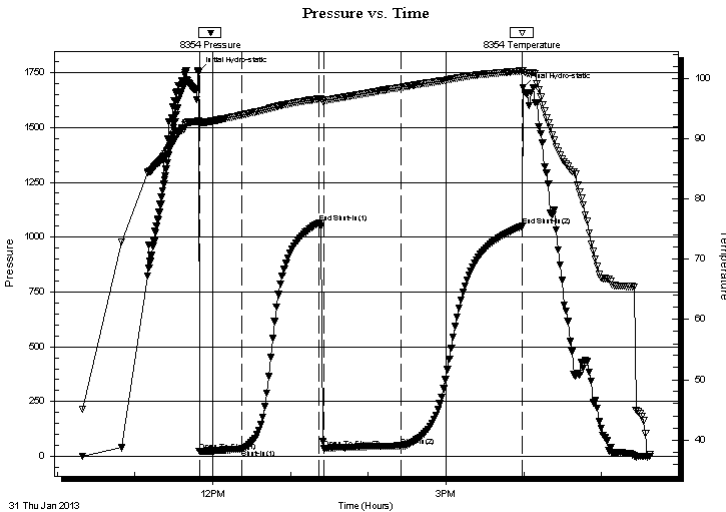
17:37:00

Time On Btm: 2013.01.31 @ 11:49:20

Time Off Btm: 2013.01.31 @ 15:59:30

TEST COMMENT: IF-Very weak building blow . Built to 2 inches.
IS-No Return.
FF-Very weak building blow . Built to 2 1/2 inches.
FS-No Return.

PRESSURE SUMMARY



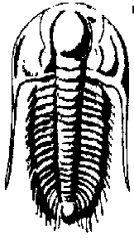
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1753.51	93.04	Initial Hydro-static
1	23.17	92.48	Open To Flow (1)
33	32.45	93.98	Shut-In(1)
93	1065.22	96.68	End Shut-In(1)
97	36.74	96.51	Open To Flow (2)
156	47.14	98.58	Shut-In(2)
250	1049.38	101.32	End Shut-In(2)
251	1683.77	101.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	10%Oil/90%Mud	0.15

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.
 250 N. Water Ste. #300
 Wichita, KS 67202
 ATTN: Robert Hendrix

26-15s-19w Ellis, KS

Werth Trust #1-26

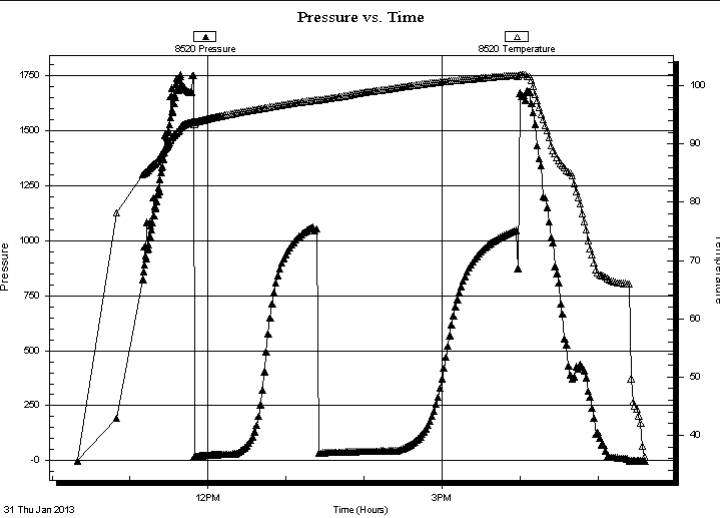
Job Ticket: 50339 **DST#: 4**
 Test Start: 2013.01.31 @ 10:09:30

GENERAL INFORMATION:

Formation: **Lansing "J-K"**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 11:49:30 Tester: Dustin Rash
 Time Test Ended: 17:37:00 Unit No: 66
 Interval: **3424.00 ft (KB) To 3470.00 ft (KB) (TVD)** Reference Elevations: 1966.00 ft (KB)
 Total Depth: 3470.00 ft (KB) (TVD) 1955.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 8520 Outside
 Press @ Run Depth: psig @ 3463.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.01.31 End Date: 2013.01.31 Last Calib.: 2013.01.31
 Start Time: 10:19:45 End Time: 17:36:45 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-Very weak building blow . Built to 2 inches.
 IS-No Return.
 FF-Very weak building blow . Built to 2 1/2 inches.
 FS-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
30.00	10%Oil/90%Mud	0.15

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50339

DST#: 4

ATTN: Robert Hendrix

Test Start: 2013.01.31 @ 10:09:30

Tool Information

Drill Pipe:	Length: 3191.00 ft	Diameter: 3.80 inches	Volume: 44.76 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 235.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose:	5000.00 lb
			<u>Total Volume: 45.92 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	3424.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	46.00 ft				
Tool Length:	74.00 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			3397.00	
Shut In Tool	5.00			3402.00	
Hydraulic tool	5.00			3407.00	
Jars	5.00			3412.00	
Safety Joint	3.00			3415.00	
Packer	5.00			3420.00	28.00 Bottom Of Top Packer
Packer	4.00			3424.00	
Stubb	1.00			3425.00	
Perforations	5.00			3430.00	
Change Over Sub	1.00			3431.00	
Drill Pipe	31.00			3462.00	
Change Over Sub	1.00			3463.00	
Recorder	0.00	8354	Inside	3463.00	
Recorder	0.00	8520	Outside	3463.00	
Perforations	4.00			3467.00	
Bullnose	3.00			3470.00	46.00 Bottom Packers & Anchor
Total Tool Length:	74.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50339

DST#: 4

ATTN: Robert Hendrix

Test Start: 2013.01.31 @ 10:09:30

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.96 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	10%Oil/90%Mud	0.148

Total Length: 30.00 ft Total Volume: 0.148 bbl

Num Fluid Samples: 0

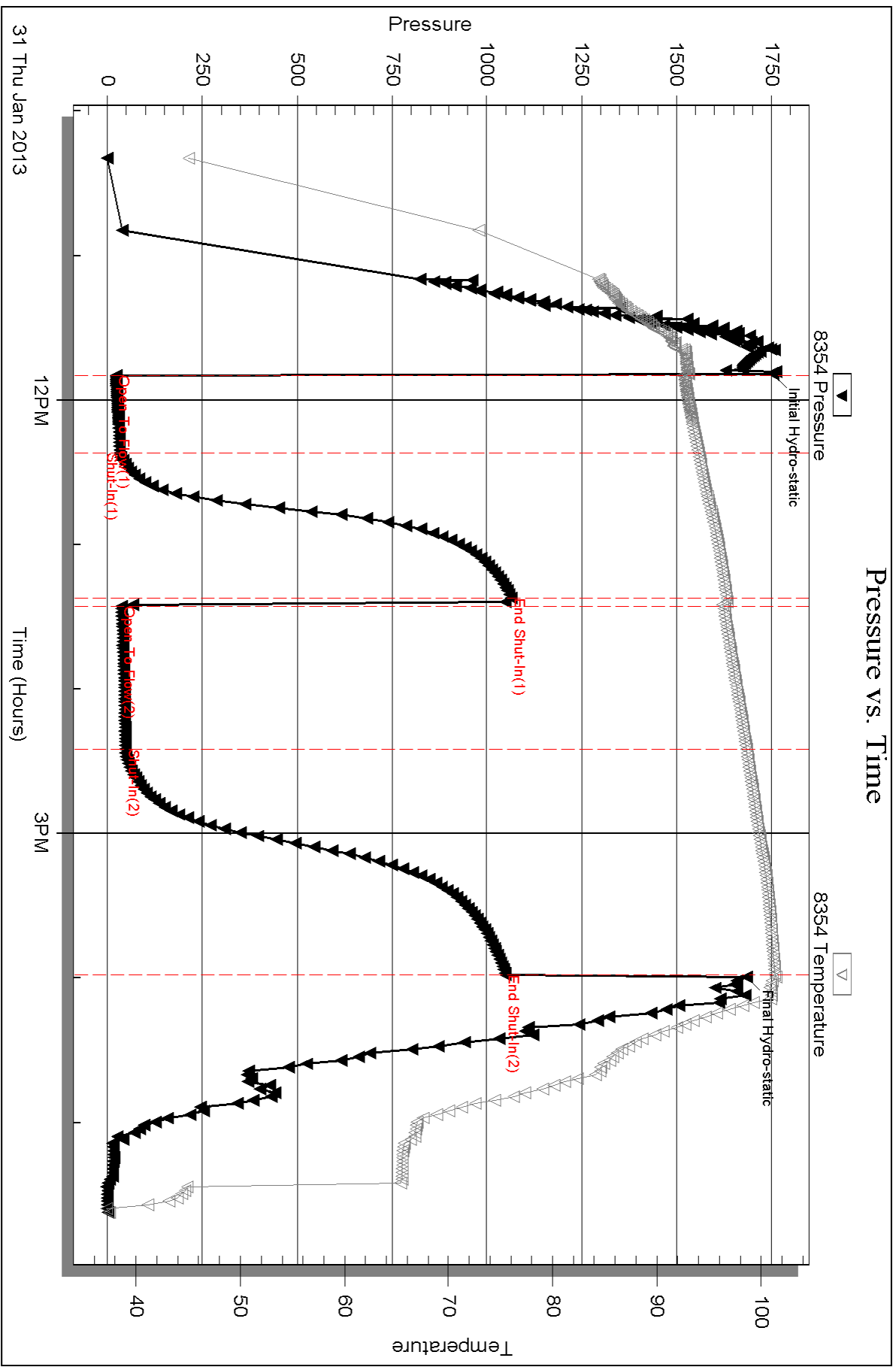
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

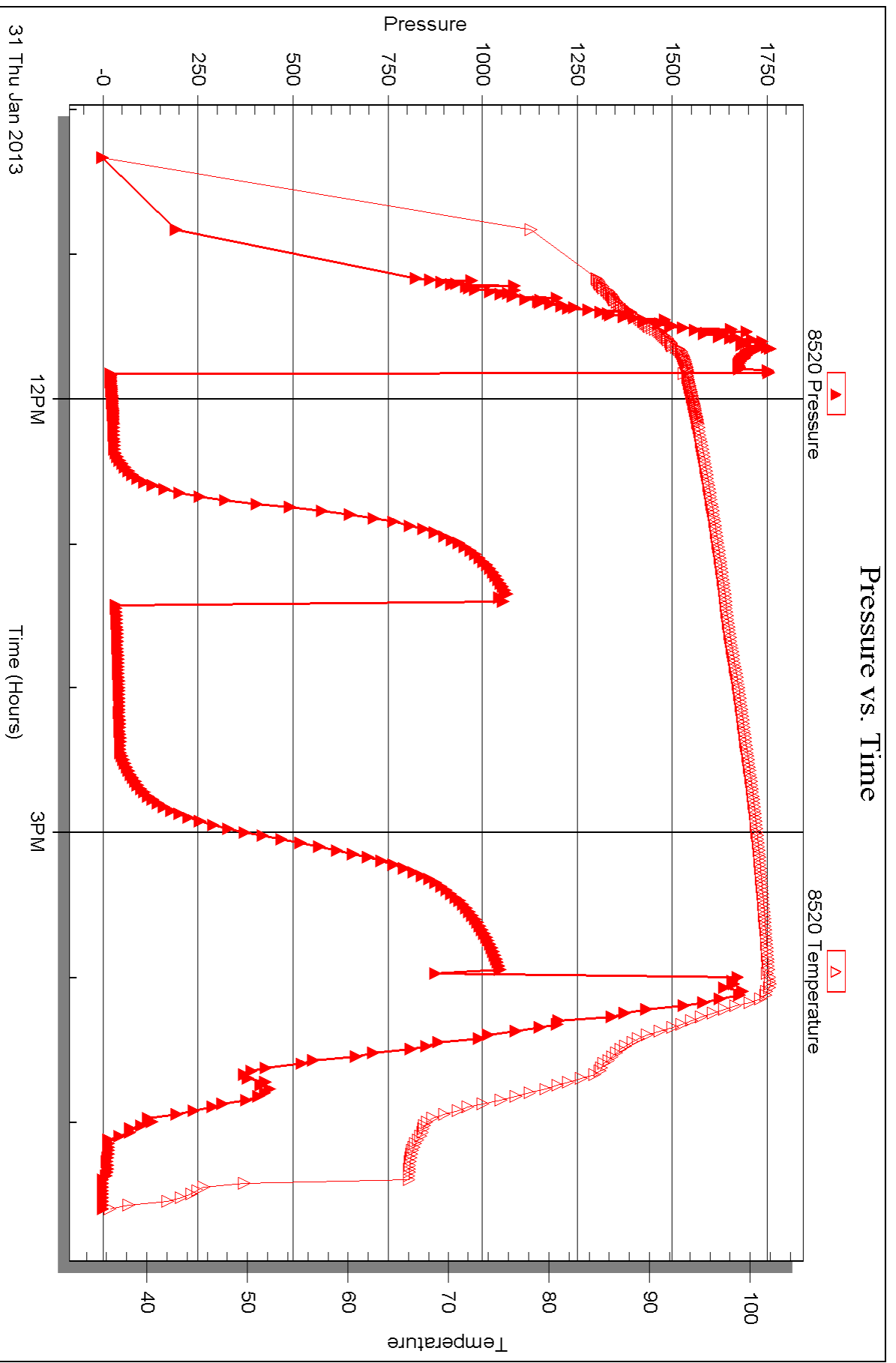


Serial #: 8520

Outside Murfin Drilling Co., Inc.

Merth Trust #1-26

DST Test Number: 4





DRILL STEM TEST REPORT

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

250 N. Water Ste. #300
Wichita, KS 67202

ATTN: Robert Hendrix

Werth Trust #1-26

26-15s-19w Ellis,KS

Start Date: 2013.02.01 @ 12:08:30

End Date: 2013.02.01 @ 19:48:00

Job Ticket #: 50340 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.05 @ 15:06:41



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

26-15s-19w Ellis, KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

ATTN: Robert Hendrix

Job Ticket: 50340

DST#: 5

Test Start: 2013.02.01 @ 12:08:30

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:47:10

Time Test Ended: 19:48:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 66

Interval: 3569.00 ft (KB) To 3580.00 ft (KB) (TVD)

Reference Elevations: 1966.00 ft (KB)

Total Depth: 3580.00 ft (KB) (TVD)

1955.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8354 Inside

Press @ Run Depth: 136.23 psig @ 3571.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.02.01 End Date: 2013.02.01

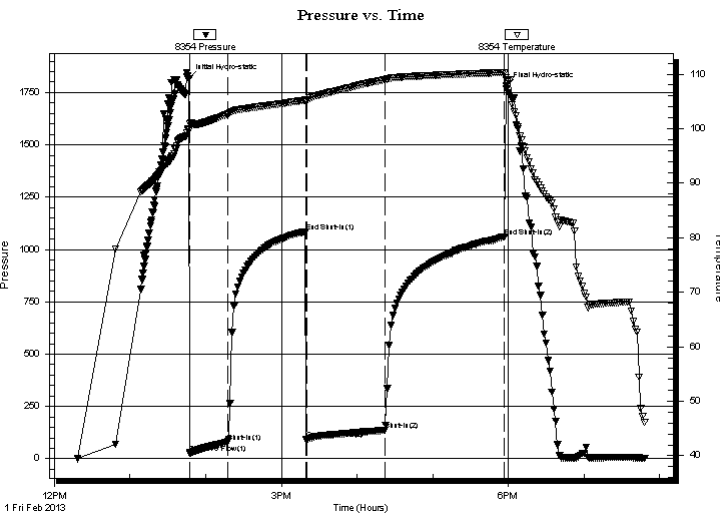
Last Calib.: 2013.02.01

Start Time: 12:18:30 End Time: 19:48:00

Time On Btm: 2013.02.01 @ 13:46:50

Time Off Btm: 2013.02.01 @ 17:58:00

TEST COMMENT: IF-Weak building blow . BOB @ 24 minutes.
 IS-Weak surface return @ 2 minutes. Died @ 16 1/2 minutes.
 FF-Weak building blow . BOB @ 31 minutes.
 FSI-Weak surface return @ 2 minutes. Died @ 25 minutes.



PRESSURE SUMMARY

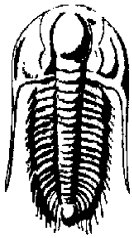
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1818.35	99.95	Initial Hydro-static
1	26.86	99.83	Open To Flow (1)
31	80.79	102.67	Shut-In(1)
93	1085.40	105.22	End Shut-In(1)
94	91.75	105.13	Open To Flow (2)
156	136.23	108.98	Shut-In(2)
251	1061.52	110.31	End Shut-In(2)
252	1780.32	109.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	20%Gas/40%Oil/40%Mud	0.39
245.00	15%Gas/85%Oil/	2.02

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

26-15s-19w Ellis, KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

ATTN: Robert Hendrix

Job Ticket: 50340

DST#: 5

Test Start: 2013.02.01 @ 12:08:30

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:47:10

Time Test Ended: 19:48:00

Interval: 3569.00 ft (KB) To 3580.00 ft (KB) (TVD)

Total Depth: 3580.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 66

Reference Elevations: 1966.00 ft (KB)

1955.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8520 Outside

Press @ Run Depth: psig @ 3571.00 ft (KB)

Start Date: 2013.02.01 End Date: 2013.02.01

Start Time: 12:18:45 End Time: 19:47:15

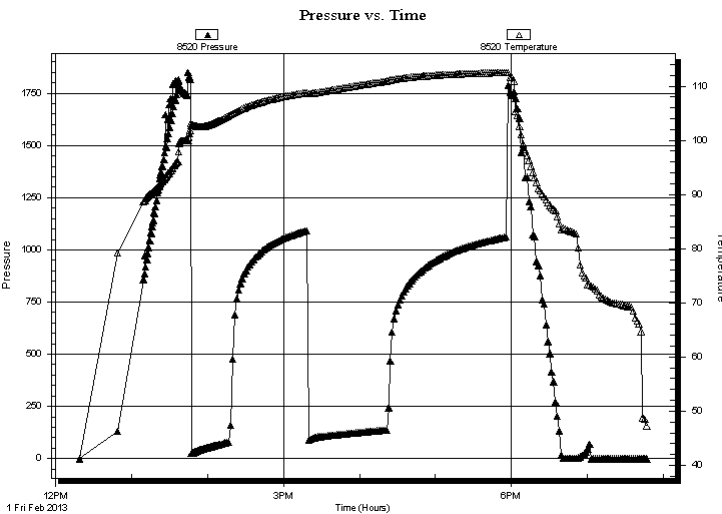
Capacity: 8000.00 psig

Last Calib.: 2013.02.01

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-Weak building blow . BOB @ 24 minutes.
 IS-Weak surface return @ 2 minutes. Died @ 16 1/2 minutes.
 FF-Weak building blow . BOB @ 31 minutes.
 FS-Weak surface return @ 2 minutes. Died @ 25 minutes.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
80.00	20%Gas/40%Oil/40%Mud	0.39
245.00	15%Gas/85%Oil/	2.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50340

DST#: 5

ATTN: Robert Hendrix

Test Start: 2013.02.01 @ 12:08:30

Tool Information

Drill Pipe:	Length: 3322.00 ft	Diameter: 3.80 inches	Volume: 46.60 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 235.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 5000.00 lb
			<u>Total Volume: 47.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3569.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	39.00 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			3542.00	
Shut In Tool	5.00			3547.00	
Hydraulic tool	5.00			3552.00	
Jars	5.00			3557.00	
Safety Joint	3.00			3560.00	
Packer	5.00			3565.00	28.00 Bottom Of Top Packer
Packer	4.00			3569.00	
Stubb	1.00			3570.00	
Perforations	1.00			3571.00	
Recorder	0.00	8354	Inside	3571.00	
Recorder	0.00	8520	Outside	3571.00	
Perforations	6.00			3577.00	
Bullnose	3.00			3580.00	11.00 Bottom Packers & Anchor

Total Tool Length: 39.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50340

DST#: 5

ATTN: Robert Hendrix

Test Start: 2013.02.01 @ 12:08:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	20%Gas/40%Oil/40%Mud	0.393
245.00	15%Gas/85%Oil/	2.025

Total Length: 325.00 ft

Total Volume: 2.418 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

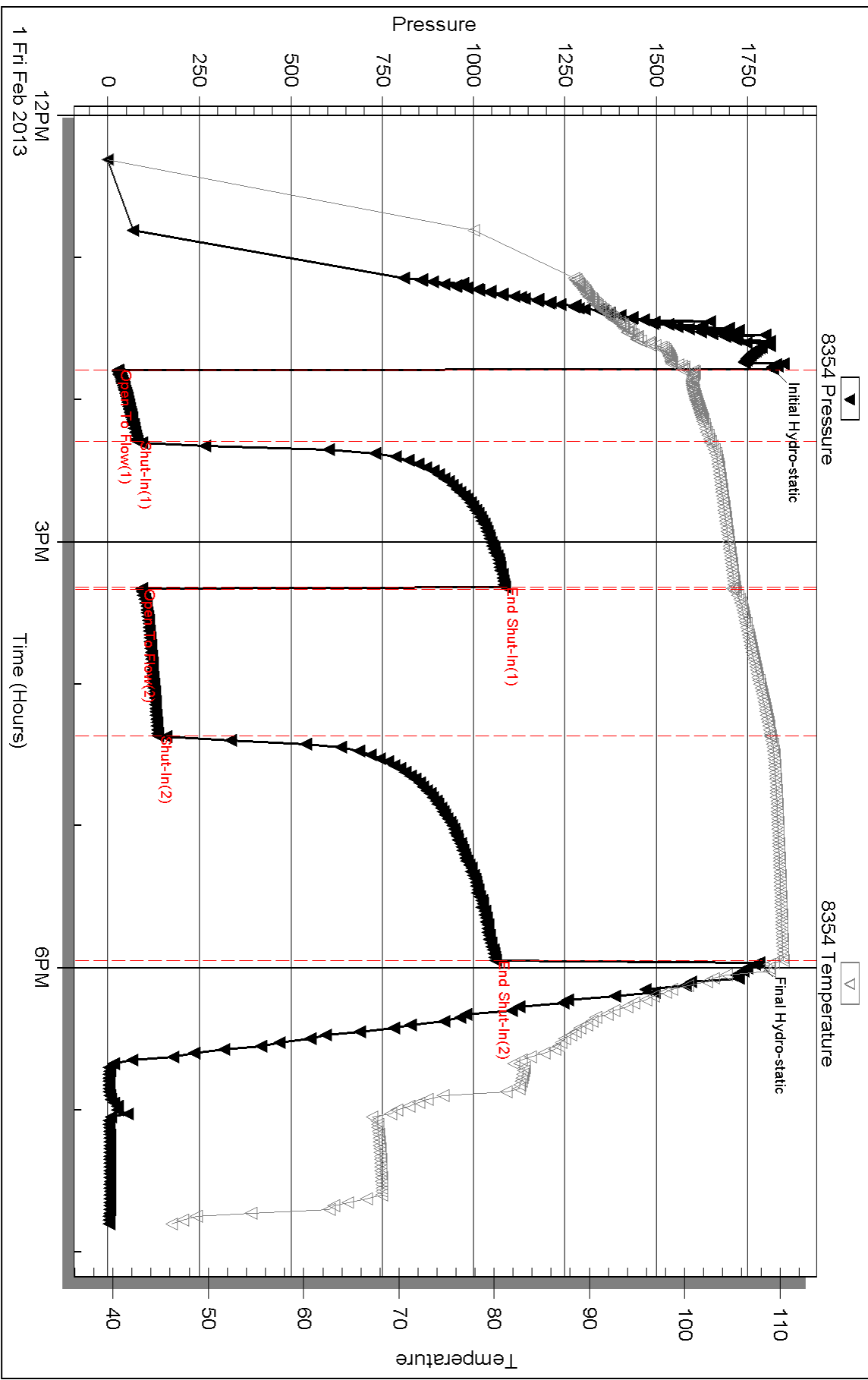
Inside

Murfin Drilling Co., Inc.

Worth Trust #1-26

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50340

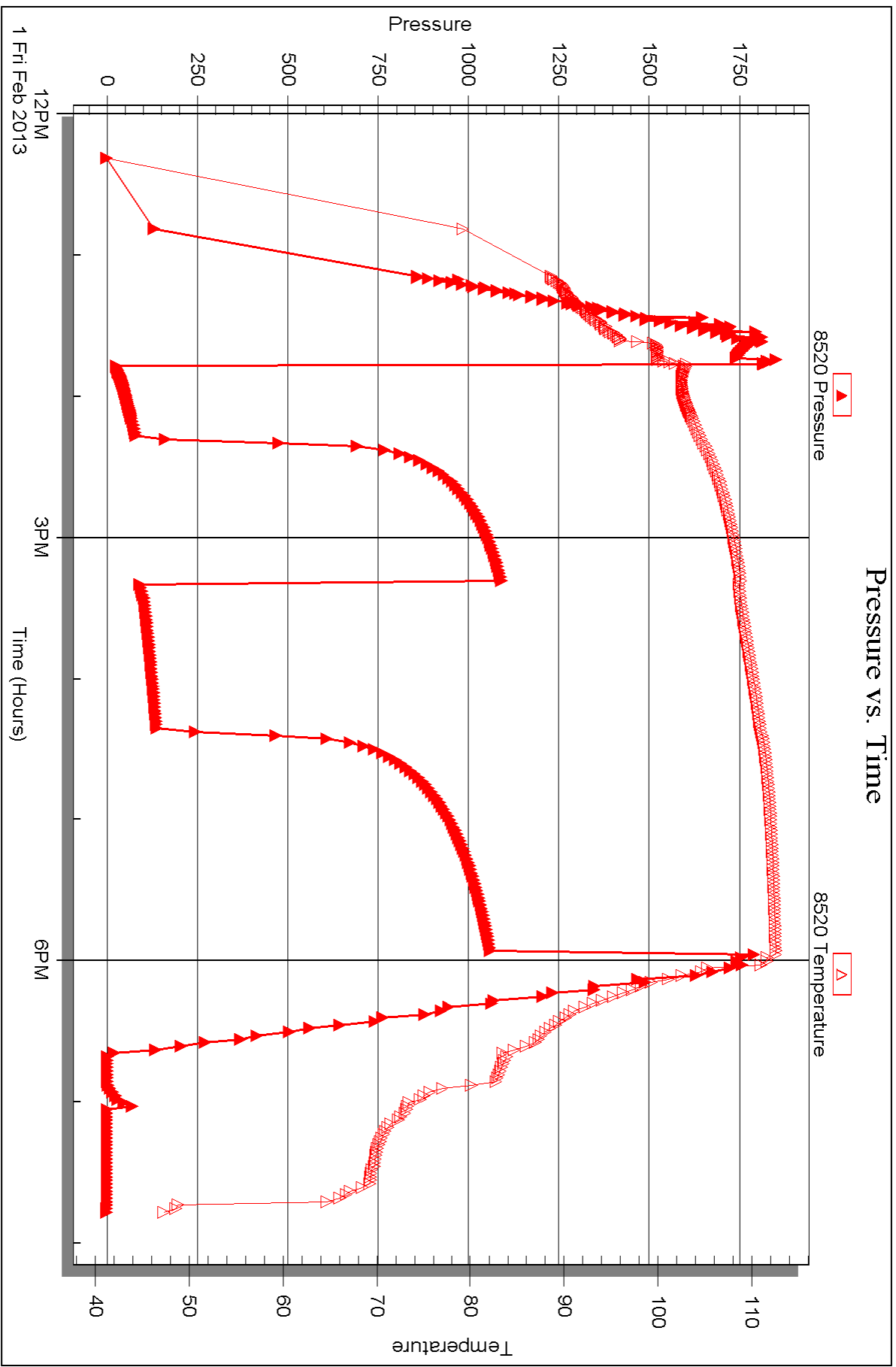
Printed: 2013.02.05 @ 15:06:43

Serial #: 8520

Outside Murfin Drilling Co., Inc.

Worth Trust #1-26

DST Test Number: 5





DRILL STEM TEST REPORT

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

250 N. Water Ste. #300
Wichita, KS 67202

ATTN: Robert Hendrix

Werth Trust #1-26

26-15s-19w Ellis,KS

Start Date: 2013.02.02 @ 01:32:30

End Date: 2013.02.02 @ 09:10:00

Job Ticket #: 50341 DST #: 6

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.02.05 @ 15:06:04



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.
 250 N. Water Ste. #300
 Wichita, KS 67202
 ATTN: Robert Hendrix

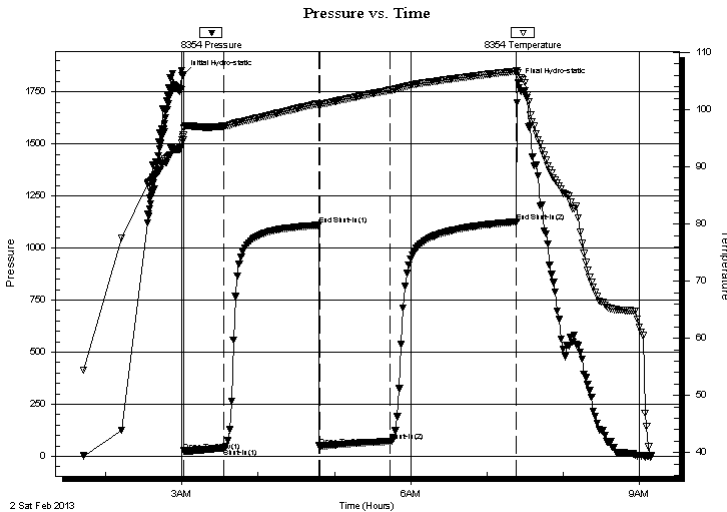
26-15s-19w Ellis,KS
Werth Trust #1-26
 Job Ticket: 50341 **DST#: 6**
 Test Start: 2013.02.02 @ 01:32:30

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:01:10
 Time Test Ended: 09:10:00
 Interval: **3580.00 ft (KB) To 3590.00 ft (KB) (TVD)**
 Total Depth: 3590.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Rash
 Unit No: 66
 Reference Elevations: 1966.00 ft (KB)
 1955.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8354 Inside
 Press @ Run Depth: 72.48 psig @ 3582.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.02.02 End Date: 2013.02.02 Last Calib.: 2013.02.02
 Start Time: 01:42:30 End Time: 09:10:00 Time On Btm: 2013.02.02 @ 03:01:00
 Time Off Btm: 2013.02.02 @ 07:24:30

TEST COMMENT: IF-Very weak building blow . Built to 5 inches.
 ISI-No Return.
 FF-Very weak building blow . Built to 6 inches.
 FSI-Weak surface return @ 2 minutes. Died @ 13 minutes 30 seconds.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1833.67	95.55	Initial Hydro-static
1	25.83	94.71	Open To Flow (1)
32	40.43	97.14	Shut-In(1)
107	1109.57	101.10	End Shut-In(1)
108	45.74	100.96	Open To Flow (2)
163	72.48	103.40	Shut-In(2)
263	1126.47	106.76	End Shut-In(2)
264	1794.66	106.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	20%Gas/40%Oil/40%Mud	0.22
100.00	20%Gas/80%Oil	0.49

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.

250 N. Water Ste. #300
Wichita, KS 67202

ATTN: Robert Hendrix

26-15s-19w Ellis, KS

Werth Trust #1-26

Job Ticket: 50341

DST#: 6

Test Start: 2013.02.02 @ 01:32:30

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:01:10

Time Test Ended: 09:10:00

Interval: 3580.00 ft (KB) To 3590.00 ft (KB) (TVD)

Total Depth: 3590.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 66

Reference Elevations: 1966.00 ft (KB)

1955.00 ft (CF)

KB to GR/CF: 11.00 ft

Serial #: 8520 Outside

Press @ Run Depth: psig @ 3582.00 ft (KB)

Start Date: 2013.02.02

End Date:

2013.02.02

Start Time: 01:42:45

End Time:

09:09:15

Capacity: 8000.00 psig

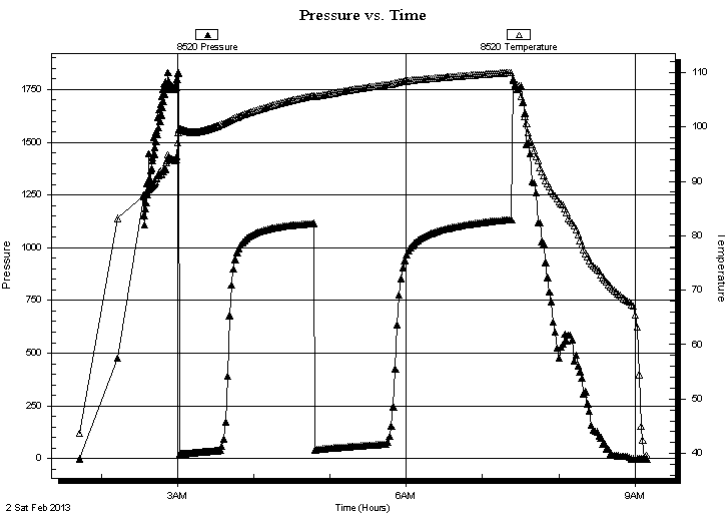
Last Calib.:

2013.02.02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-Very weak building blow . Built to 5 inches.
 IS-No Return.
 FF-Very weak building blow . Built to 6 inches.
 FSI-Weak surface return @ 2 minutes. Died @ 13 minutes 30 seconds.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
45.00	20%Gas/40%Oil/40%Mud	0.22
100.00	20%Gas/80%Oil	0.49

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50341

DST#: 6

ATTN: Robert Hendrix

Test Start: 2013.02.02 @ 01:32:30

Tool Information

Drill Pipe:	Length: 3323.00 ft	Diameter: 3.80 inches	Volume: 46.61 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer:	24000.00 lb
Drill Collar:	Length: 235.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose:	10000.00 lb
			<u>Total Volume: 47.77 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	6.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	3580.00 ft			Final	64000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	10.00 ft				
Tool Length:	38.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			3553.00	
Shut In Tool	5.00			3558.00	
Hydraulic tool	5.00			3563.00	
Jars	5.00			3568.00	
Safety Joint	3.00			3571.00	
Packer	5.00			3576.00	28.00 Bottom Of Top Packer
Packer	4.00			3580.00	
Stubb	1.00			3581.00	
Perforations	1.00			3582.00	
Recorder	0.00	8354	Inside	3582.00	
Recorder	0.00	8520	Outside	3582.00	
Perforations	5.00			3587.00	
Bullnose	3.00			3590.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50341

DST#: 6

ATTN: Robert Hendrix

Test Start: 2013.02.02 @ 01:32:30

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	20%Gas/40%Oil/40%Mud	0.221
100.00	20%Gas/80%Oil	0.492

Total Length: 145.00 ft

Total Volume: 0.713 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

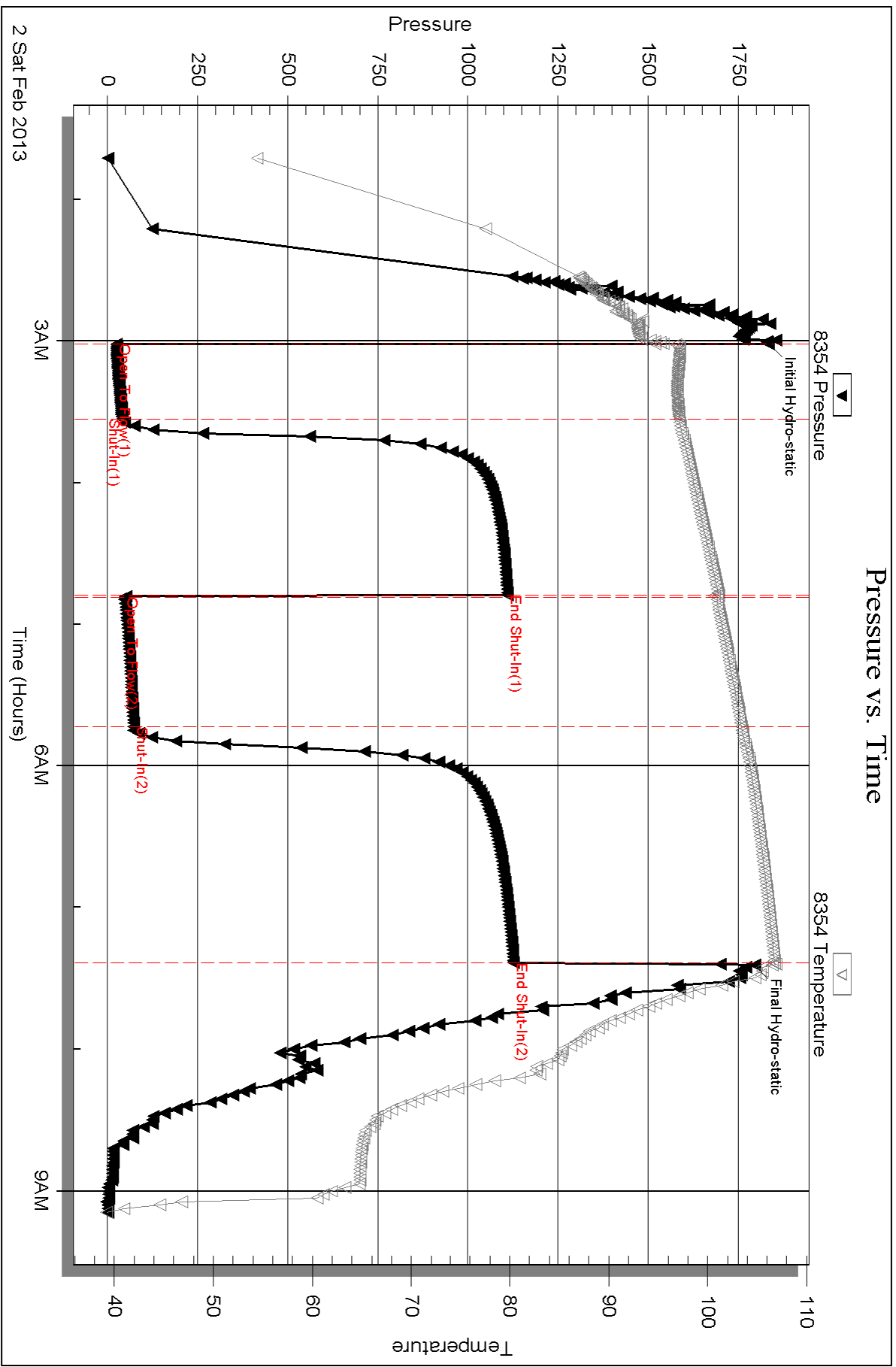
Serial #: 8354

Inside

Murfin Drilling Co., Inc.

Merth Trust #1-26

DST Test Number: 6

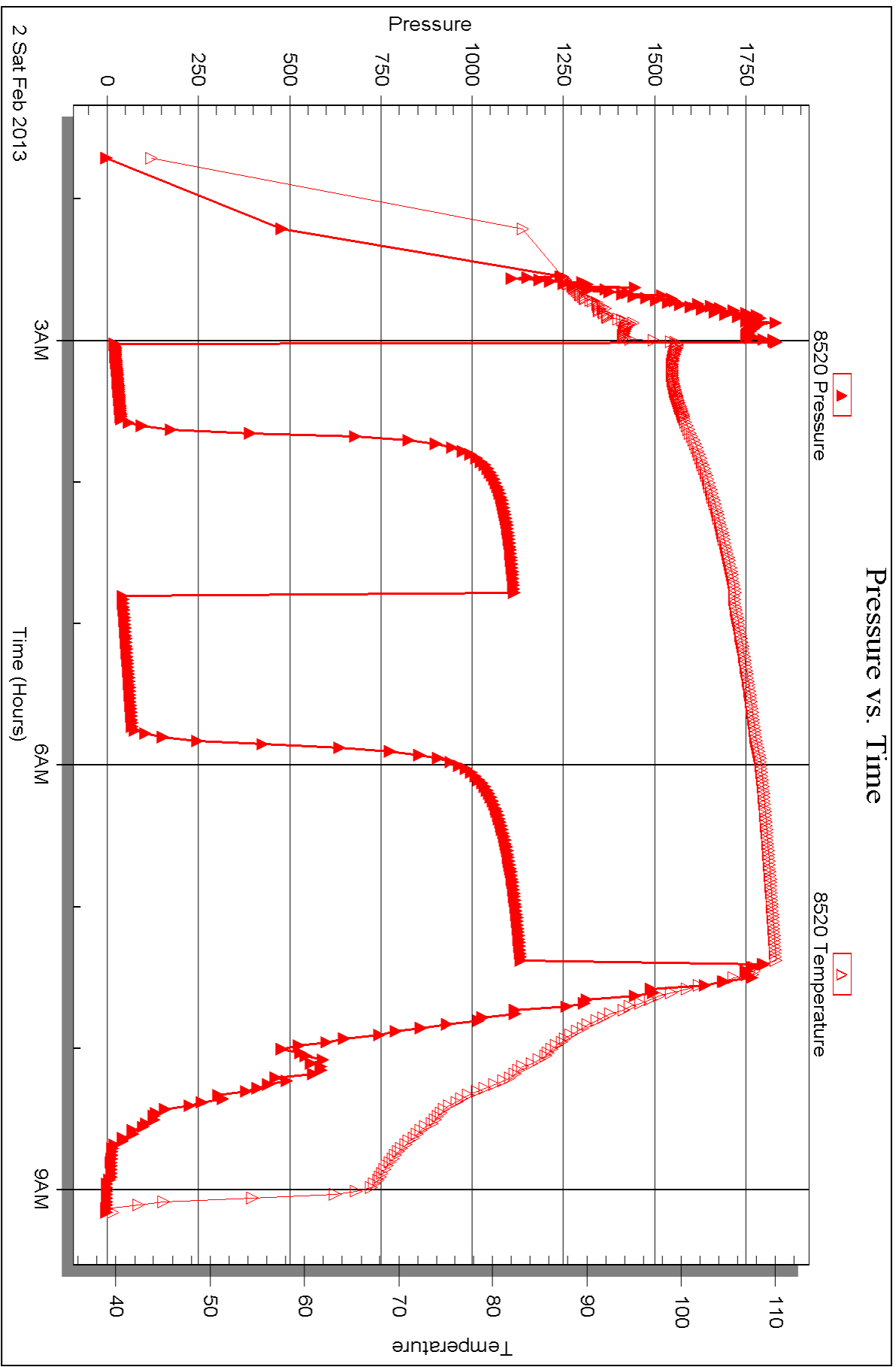


Serial #: 8520

Outside Murfin Drilling Co., Inc.

Merth Trust #1-26

DST Test Number: 6





DRILL STEM TEST REPORT

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

250 N. Water Ste. #300
Wichita, KS 67202

ATTN: Robert Hendrix

Werth Trust #1-26

26-15s-19w Ellis,KS

Start Date: 2013.02.02 @ 14:49:30

End Date: 2013.02.02 @ 21:00:30

Job Ticket #: 50342 DST #: 7

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

Printed: 2013.02.05 @ 14:59:23



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.
 250 N. Water Ste. #300
 Wichita, KS 67202
 ATTN: Robert Hendrix

26-15s-19w Ellis, KS
Werth Trust #1-26
 Job Ticket: 50342 **DST#: 7**
 Test Start: 2013.02.02 @ 14:49:30

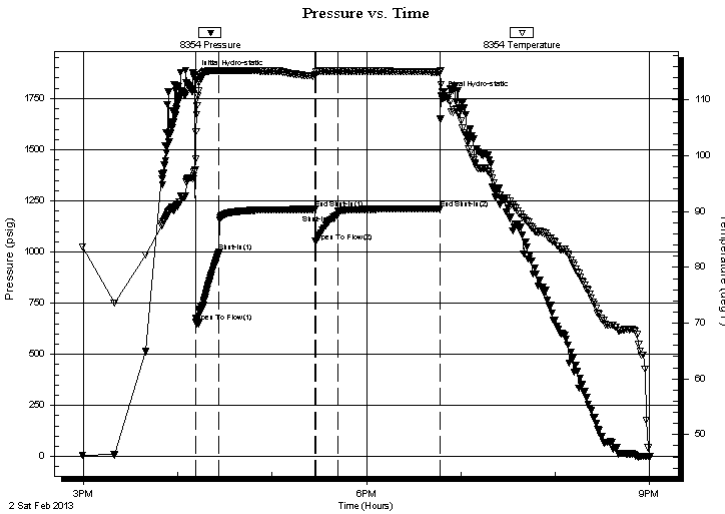
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:11:20
 Time Test Ended: 21:00:30
 Interval: **3590.00 ft (KB) To 3600.00 ft (KB) (TVD)**
 Total Depth: 3600.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Rash
 Unit No: 66
 Reference Elevations: 1966.00 ft (KB)
 1955.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8354 Inside
 Press @ Run Depth: 1181.08 psig @ 3592.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.02.02 End Date: 2013.02.02 Last Calib.: 2013.02.02
 Start Time: 14:59:30 End Time: 21:00:30 Time On Btm: 2013.02.02 @ 16:11:00
 Time Off Btm: 2013.02.02 @ 18:47:30

TEST COMMENT: IF-Strong building blow . BOB @ 30 seconds.
 ISI-No Return.
 FF-Strong building blow . BOB @ 30 seconds.
 FSI-No Return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1865.69	97.43	Initial Hydro-static
1	655.41	99.42	Open To Flow (1)
16	1001.60	115.28	Shut-In(1)
76	1208.77	114.30	End Shut-In(1)
77	1051.42	114.62	Open To Flow (2)
91	1181.08	115.21	Shut-In(2)
156	1210.68	115.01	End Shut-In(2)
157	1762.88	112.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1922.00	100%Water	24.82
378.00	85%Water/15%Mud	5.30

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co., Inc.
 250 N. Water Ste. #300
 Wichita, KS 67202
 ATTN: Robert Hendrix

26-15s-19w Ellis,KS
Werth Trust #1-26
 Job Ticket: 50342 **DST#: 7**
 Test Start: 2013.02.02 @ 14:49:30

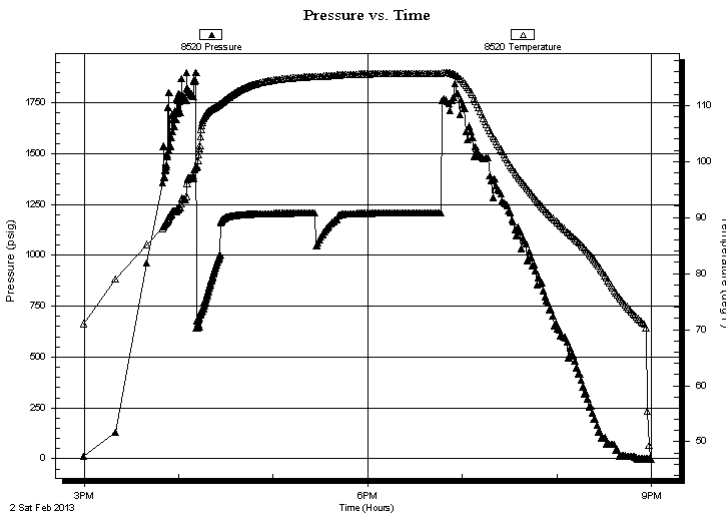
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Rash
 Time Tool Opened: 16:11:20
 Time Test Ended: 21:00:30
 Unit No: 66
 Interval: **3590.00 ft (KB) To 3600.00 ft (KB) (TVD)**
 Reference Elevations: 1966.00 ft (KB)
 Total Depth: 3600.00 ft (KB) (TVD)
 1955.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 11.00 ft

Serial #: 8520 Outside

Press @ RunDepth: psig @ 3592.00 ft (KB)	Capacity: 8000.00 psig
Start Date: 2013.02.02	End Date: 2013.02.02
Start Time: 14:59:45	End Time: 20:59:45
	Last Calib.: 2013.02.02
	Time On Btm:
	Time Off Btm:

TEST COMMENT: IF-Strong building blow . BOB @ 30 seconds.
 ISI-No Return.
 FF-Strong building blow . BOB @ 30 seconds.
 FSI-No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
1922.00	100%Water	24.82
378.00	85%Water/15%Mud	5.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50342

DST#: 7

ATTN: Robert Hendrix

Test Start: 2013.02.02 @ 14:49:30

Tool Information

Drill Pipe:	Length: 3352.00 ft	Diameter: 3.80 inches	Volume: 47.02 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 235.00 ft	Diameter: 2.25 inches	Volume: 1.16 bbl	Weight to Pull Loose: 5000.00 lb
			<u>Total Volume: 48.18 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3590.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	10.00 ft			
Tool Length:	38.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Change Over Sub	1.00			3563.00	
Shut In Tool	5.00			3568.00	
Hydraulic tool	5.00			3573.00	
Jars	5.00			3578.00	
Safety Joint	3.00			3581.00	
Packer	5.00			3586.00	28.00 Bottom Of Top Packer
Packer	4.00			3590.00	
Stubb	1.00			3591.00	
Perforations	1.00			3592.00	
Recorder	0.00	8354	Inside	3592.00	
Recorder	0.00	8520	Outside	3592.00	
Perforations	5.00			3597.00	
Bullnose	3.00			3600.00	10.00 Bottom Packers & Anchor

Total Tool Length: 38.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co., Inc.

26-15s-19w Ellis,KS

250 N. Water Ste. #300
Wichita, KS 67202

Werth Trust #1-26

Job Ticket: 50342

DST#: 7

ATTN: Robert Hendrix

Test Start: 2013.02.02 @ 14:49:30

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:

36000 ppm

Viscosity: 75.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: 0.36 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8800.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1922.00	100%Water	24.820
378.00	85%Water/15%Mud	5.302

Total Length: 2300.00 ft Total Volume: 30.122 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8354

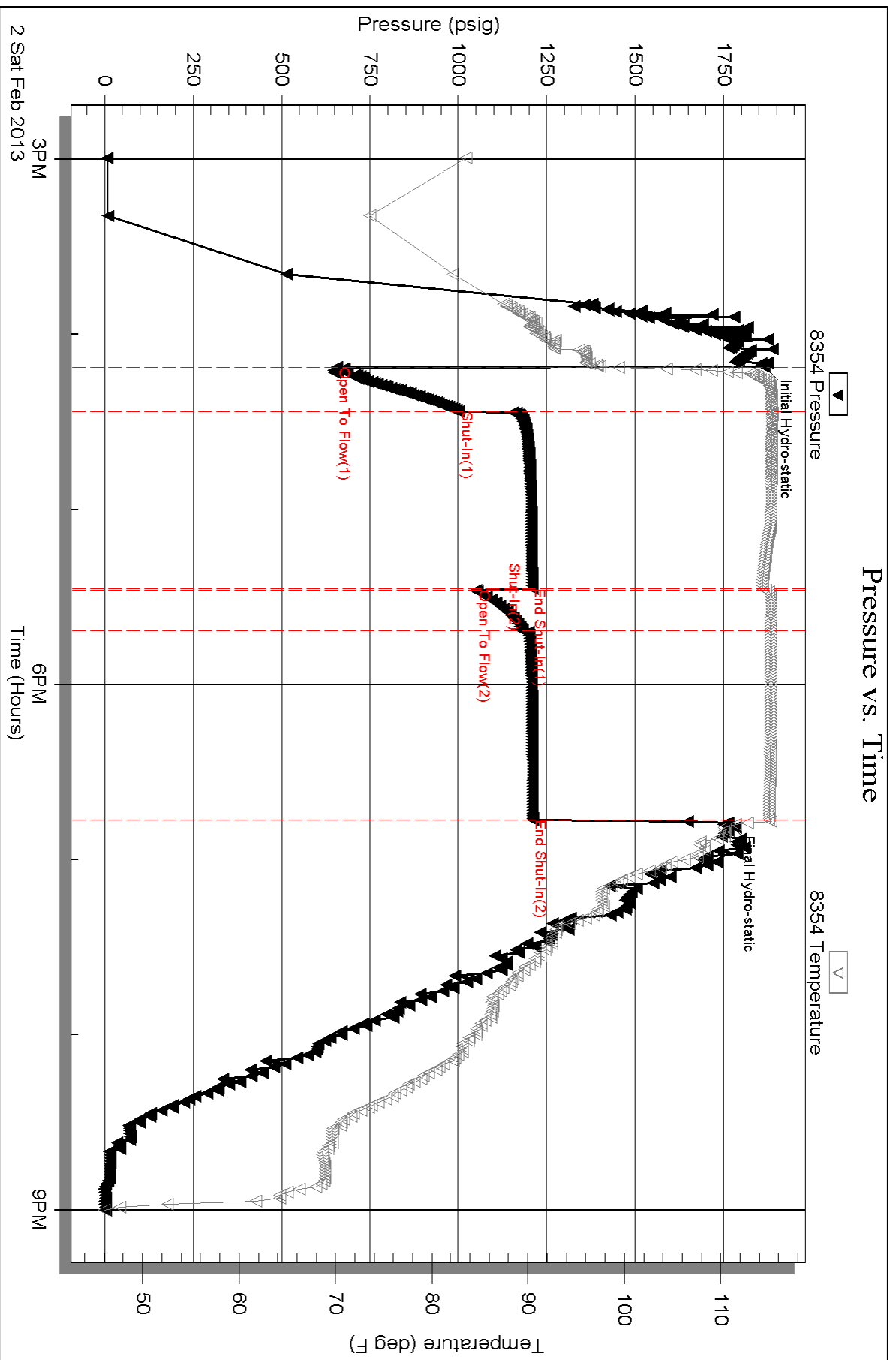
Inside

Murfin Drilling Co., Inc.

Merth Trust #1-26

DST Test Number: 7

Pressure vs. Time

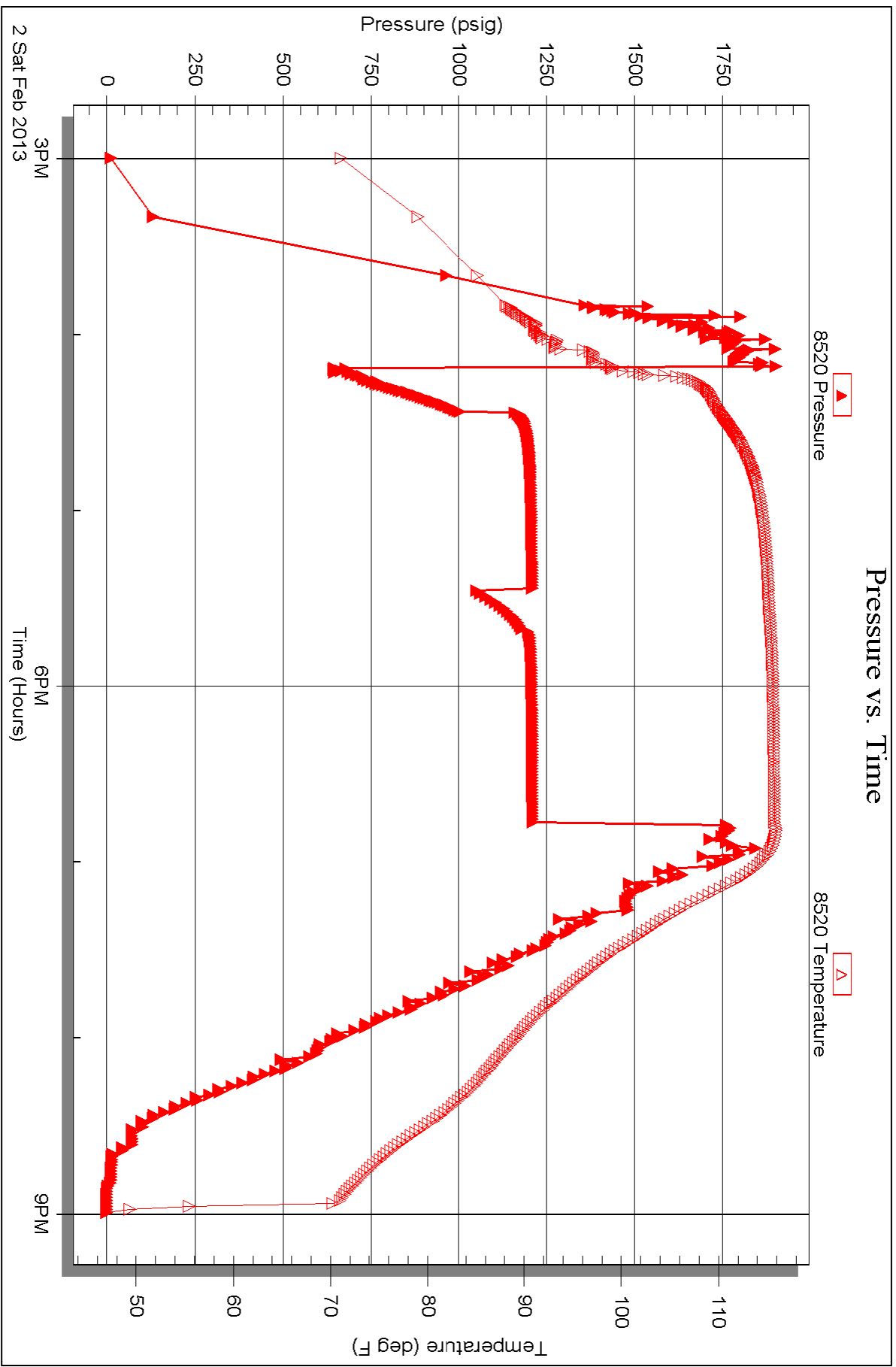


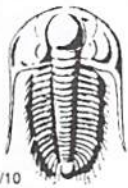
Serial #: 8520

Outside Murfin Drilling Co., Inc.

Worth Trust #1-26

DST Test Number: 7





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50336

4/10

Well Name & No. Worth Trust #1-26 Test No. 1 Date _____
 Company Murphy Drilling Co., Inc. Elevation 1966 KB 1955 GL _____
 Address 250 N. Water St., 300 Wichita, KS 67202
 Co. Rep / Geo. Robert Hendricks Rig Murphy 2
 Location: Sec. 26 Twp. 15S Rge. 19W Co. Ellis State KS

Interval Tested 3231-3283 Zone Tested Carsing "A+B"
 Anchor Length 52' Drill Pipe Run _____ Mud Wt. 9.1
 Top Packer Depth 3826 Drill Collars Run 234.35 Vis 58
 Bottom Packer Depth 3231 Wt. Pipe Run 0 WL 8.4
 Total Depth 3283 Chlorides 6800 ppm System LCM 2.0#

Blow Description FF- Strong building blow, BOB @ 6 minutes,
ISI- Return @ 30 seconds, Built to 6 inches,
FF- Strong building blow, BOB @ 9 minutes,
ISI- Return @ 30 seconds, Built to 11 inches,

Rec	Feet of	%gas	%oil	%water	%mud
<u>20'</u>	<u>Gassy Oil</u>	<u>15</u>	<u>85</u>		
<u>70</u>	<u>GOC WM</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>
<u>297</u>	<u>Muddy Water</u>			<u>90</u>	<u>10</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 387 BHT 105 Gravity 38 API RW 521 @ 36 ° F Chlorides 25,000 ppm

(A) Initial Hydrostatic 1621 Test 1150 T-On Location 0600
 (B) First Initial Flow 34 Jars 250 T-Started 0700
 (C) First Final Flow 126 Safety Joint 75 T-Open 0850
 (D) Initial Shut-In 575 Circ Sub T-Pulled 1255
 (E) Second Initial Flow 143 Hourly Standby T-Out 1500
 (F) Second Final Flow 202 Mileage 16X2 49.60 Comments BHT-0659
 (G) Final Shut-In 565 Sampler _____
 (H) Final Hydrostatic 1579 Straddle _____
 Shale Packer _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Packer _____
 Extra Copies _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90
 Sub Total 1524.60
 Total 1524.60
 MP/DST Disc't _____

Approved By _____ Our Representative D. Rash

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50337

Well Name & No. Worth Trust #1-26 Test No. 2 Date 1-30-12
 Company Mulvan Drilling Co., Inc. Elevation 1966 KB 1955 GL
 Address 250 N. Water St. #300 Wichita, KS 67202
 Co. Rep / Geo. Robert Hendricks Rig Mulvan 2
 Location: Sec. 26 Twp. 15S Rge. 19W Co. Ellis State KS

Interval Tested 3285-3341 Zone Tested Lansing "D, E, + F"
 Anchor Length 56' Drill Pipe Run 3039 Mud Wt. 9.1
 Top Packer Depth 3280 Drill Collars Run 234.35 Vis 58
 Bottom Packer Depth 3285 Wt. Pipe Run 0 WL 8.0
 Total Depth 3341 Chlorides 6200 ppm System LCM 2.0*

Blow Description IF - Strong building blow, BOB @ 4 minutes 15 seconds,
TSI - Return @ 30 seconds, Built to 6 inches,
FF - Strong building blow, BOB @ 7 minutes,
FBI - Return @ 30 seconds, Built to 8 inches,

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Gassy Oil</u>	<u>20</u>	<u>80</u>		
<u>45</u>	<u>GHCUM</u>	<u>10</u>	<u>40</u>	<u>10</u>	<u>40</u>
<u>126</u>	<u>Muddy Water</u>			<u>80</u>	<u>20</u>
<u>459</u>	<u>Muddy Water</u>			<u>90</u>	<u>10</u>
	<u>786' G.I.P.</u>				

Rec Total 645 BHT 106 Gravity 37 API RW 1744 @ 28 °F Chlorides 22000 ppm

(A) Initial Hydrostatic 1635 Test 1150 T-On Location 0015
 (B) First Initial Flow 44 Jars 250 T-Started 0045
 (C) First Final Flow 207 Safety Joint 75 T-Open 0230
 (D) Initial Shut-In 509 Circ Sub T-Pulled 0635
 (E) Second Initial Flow 215 Hourly Standby T-Out 0915
 (F) Second Final Flow 322 Mileage 16X2 49.60 Comments BAT-6035
 (G) Final Shut-In 503 Sampler Ruined Shale Packer
 (H) Final Hydrostatic 1599 Straddle Ruined Packer
 Shale Packer Extra Copies
 Extra Packer Sub Total 0
 Extra Recorder Total 1524.60
 Day Standby MP/DST Disc't
 Accessibility Sub Total 1524.60

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50338

Well Name & No. Worth Trust #1-26 Test No. 3 Date 1-30-12
 Company Murray Drilling Co., Inc. Elevation 1966 KB 1955 GL
 Address 250 N. Water Street #300 Wichita, KS 67202
 Co. Rep / Geo. Robert Hendricks Rig Murray 2
 Location: Sec. 26 Twp. 15S Rge. 19W Co. Ellis State KS

Interval Tested 3374-3419 Zone Tested Lansing "HTI"
 Anchor Length 45 Drill Pipe Run 3130 Mud Wt. 9.3
 Top Packer Depth 3369 Drill Collars Run 234.35 Vis 62
 Bottom Packer Depth 3374 Wt. Pipe Run 0 WL 8.0
 Total Depth 3419 Chlorides 6900 ppm System LCM 2.0#

Blow Description TF-Weak Blow, Built to 1/2 inch, Died @ 19 minutes,
FST- No Return,
FF- No Blow,
FST- No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</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 5 BHT 99 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1707 Test 1150 T-On Location 1815
 (B) First Initial Flow 23 Jars 250 T-Started 1845
 (C) First Final Flow 22 Safety Joint 75 T-Open 2007
 (D) Initial Shut-In 48 Circ Sub _____ T-Pulled 2310
 (E) Second Initial Flow 21 Hourly Standby _____ T-Out 0100
 (F) Second Final Flow 24 Mileage 16x2 49.60 Comments Boat-1845
 (G) Final Shut-In 37 Sampler _____
 (H) Final Hydrostatic 1673 Straddle _____
 Shale Packer _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60
 Sub Total 0
 Total 1524.60
 Sub Total 1524.60

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **50339**

4/10

Well Name & No. <u>Worth Trust #1-26</u>	Test No. <u>4</u>	Date <u>1-31-12</u>
Company <u>Mullin Drilling Co., Inc.</u>	Elevation <u>1966</u>	KB <u>1955</u> GL
Address <u>250 N. Water St. #300 Wichita, KS 67202</u>		
Co. Rep / Geo. <u>Robert Hendricks</u>	Rig <u>Mullin 2</u>	
Location: Sec. <u>26</u> Twp. <u>15S</u> Rge. <u>19W</u> Co. <u>Ellis</u> State <u>KS</u>		

Interval Tested <u>3424-3470</u>	Zone Tested <u>Lansing "J+K"</u>
Anchor Length <u>46'</u>	Drill Pipe Run <u>3199</u> Mud Wt. <u>9.1</u>
Top Packer Depth <u>3419</u>	Drill Collars Run <u>234.35</u> Vis <u>58</u>
Bottom Packer Depth <u>3424</u>	Wt. Pipe Run <u>0</u> WL <u>8.0</u>
Total Depth <u>3470</u>	Chlorides <u>6200</u> ppm System LCM <u>20*</u>

Blow Description IF - Very weak building blow. Built to 2 inches.
IST - No Return.
FF - Very weak building blow. Built to 2 1/2 inches.
FST - No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>SOCM</u>		<u>10</u>		<u>90</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

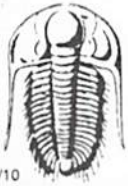
Rec Total 30 BHT 101 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1754</u>	<input checked="" type="checkbox"/> Test 1150	T-On Location <u>0930</u>
(B) First Initial Flow <u>23</u>	<input checked="" type="checkbox"/> Jars 250	T-Started <u>1015</u>
(C) First Final Flow <u>32</u>	<input checked="" type="checkbox"/> Safety Joint 75	T-Open <u>1150</u>
(D) Initial Shut-In <u>1065</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1555</u>
(E) Second Initial Flow <u>37</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1730</u>
(F) Second Final Flow <u>47</u>	<input checked="" type="checkbox"/> Mileage <u>16X2</u> 49.60	Comments <u>Bot-1009</u>
(G) Final Shut-In <u>1049</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1684</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>1524.60</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1524.60</u>	

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50340

Well Name & No. Well Trust # 1-26 Test No. 5 Date 2-1-13
 Company Murphy Drilling Co., Inc. Elevation 1966 KB 1955 GL
 Address 250 N. Water St. #300 Wichita, KS 67202
 Co. Rep / Geo. Robert Hendrix Rig Murphy 2
 Location: Sec. 26 Twp. 15S Rge. 19W Co. Ellis State KS

Interval Tested 3569-3580 Zone Tested Arbuckle
 Anchor Length 11' Drill Pipe Run 3522 Mud Wt. 9.1
 Top Packer Depth 3564 Drill Collars Run 234.35 Vis ~~5.8~~
 Bottom Packer Depth 3569 Wt. Pipe Run 0 WL 8.0
 Total Depth 3580 Chlorides 6200 ppm System LCM 2

Blow Description IF-Weak building blow, BOB @ 24 minutes,
FST-Weak surface return @ 2 minutes, Died @ 16 1/2 minutes,
FF-Weak building blow, BOB @ 31 minutes,
FST-Weak surface return @ 2 minutes, Died @ 25 minutes.

Rec	Feet of	%gas	%oil	%water	%mud
<u>245</u>	<u>Gassy Oil</u>	<u>15</u>	<u>85</u>		
<u>80</u>	<u>HOCGM</u>	<u>20</u>	<u>40</u>		<u>40</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 325 BHT 110 Gravity 37 API RW @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1818</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>1130</u>
(B) First Initial Flow <u>27</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>1220</u>
(C) First Final Flow <u>81</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>1347</u>
(D) Initial Shut-In <u>1085</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1753</u>
(E) Second Initial Flow <u>92</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1940</u>
(F) Second Final Flow <u>136</u>	<input checked="" type="checkbox"/> Mileage <u>16X2</u> 49.60	Comments <u>BWT-1208</u>
(G) Final Shut-In <u>1062</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1780</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

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

Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

Sub Total 1524.60

Total 1524.60

MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50341

4/10

Well Name & No. Worth Trust #1-26 Test No. 6 Date 2-2-13
 Company Murphy Drilling Co., Inc. Elevation 1966 KB 1955 GL
 Address 250 N. Water St. #300 Wichita, KS 67202
 Co. Rep / Geo. Robert Hendrix Rig Murphy 2
 Location: Sec. 26 Twp. 15S Rge. 19W Co. Ellis State KS

Interval Tested 3580-3590 Zone Tested Ambuckle
 Anchor Length 10' Drill Pipe Run 3323 Mud Wt. 9.1
 Top Packer Depth 3575 Drill Collars Run 234.35 Vis 58
 Bottom Packer Depth 3580 Wt. Pipe Run 0 WL 8.0
 Total Depth 3590 Chlorides 6200 ppm System LCM 2

Blow Description VF - Very weak building blow. Built to 5 inches, VSE - No Return.

FF - Very weak building blow. Built to 6 inches,

FST - Weak surface return @ 2 minutes, Died @ 13 minutes 30 seconds,

Rec	Feet of	%gas	%oil	%water	%mud
<u>100</u>	<u>Gassy Oil</u>	<u>20</u>	<u>80</u>		
<u>45</u>	<u>HOCGM</u>	<u>20</u>	<u>40</u>		<u>40</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 145 BHT 107 Gravity 37 API RW @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1834 Test 1150 T-On Location 0100
 (B) First Initial Flow 26 Jars 250 T-Started 0130
 (C) First Final Flow 40 Safety Joint 75 T-Open 0304
 (D) Initial Shut-In 1110 Circ Sub T-Pulled 0715
 (E) Second Initial Flow 46 Hourly Standby T-Out 0915
 (F) Second Final Flow 72 Mileage 16X2 49.60 Comments BATT-0132
 (G) Final Shut-In 1126 Sampler
 (H) Final Hydrostatic 1795 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90
 Sub Total 1524.60
 Total 1524.60
 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]

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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50342

4/10

Well Name & No. Worth Trust #1-26 Test No. 7 Date 2-2-13
 Company Murphy Drilling Co., Inc. Elevation 1966 KB 1955 GL
 Address 250 N. Water St. #300 Wichita KS 67202
 Co. Rep / Geo. Robert Hendrix Rig Murphy 2
 Location: Sec. 26 Twp. 15S Rge. 19W Co. Ellis State KS

Interval Tested 3590-3600 Zone Tested Aubucklee
 Anchor Length 10 Drill Pipe Run 3352 Mud Wt. 9.7
 Top Packer Depth 3585 Drill Collars Run 234.35 Vis 75
 Bottom Packer Depth 3590 Wt. Pipe Run 0 WL 7.6
 Total Depth 3600 Chlorides 8800 ppm System LCM 7.0#

Blow Description IF - Strong building blow, BOB @ 30 seconds,
IF - No Return
FF - Strong building blow, BOB @ 30 seconds,
FF - No Return

Rec	Feet of	%gas	%oil	%water	%mud
<u>378</u>	<u>Muddy Water</u>			<u>85</u>	<u>15</u>
<u>1922</u>	<u>Water</u>			<u>100</u>	

Rec Total 2300 BHT 115 Gravity API RW 364 @ 37 °F Chlorides 36,000 ppm

(A) Initial Hydrostatic 1866 Test 1150 T-On Location 1430
 (B) First Initial Flow 655 Jars 250 T-Started 1450
 (C) First Final Flow 1002 Safety Joint 75 T-Open 1611
 (D) Initial Shut-In 1209 Circ Sub _____ T-Pulled 1845
 (E) Second Initial Flow 1051 Hourly Standby _____ T-Out 2100
 (F) Second Final Flow 1181 Mileage 16X2 49.60 Comments Best - 1449
 (G) Final Shut-In 1211 Sampler _____
 (H) Final Hydrostatic 1763 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 15 Extra Packer _____ Extra Copies _____
 Initial Shut-In 60 Extra Recorder _____ Sub Total 0
 Final Flow 15 Day Standby _____ Total 1524.60
 Final Shut-In 60 Accessibility _____ MP/DST Disc't _____
 Sub Total 1524.60

Approved By _____ Our Representative [Signature]

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PO Box 93999
Southlake, TX 76092

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

INVOICE

Invoice Number: 134576
Invoice Date: Jan 26, 2013
Page: 1

acct. Prod.-LizH

Now Includes:



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	Werth Trust #1-26	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Great Bend	Jan 26, 2013	2/25/13

Quantity	Item	Description	Unit Price	Amount
600.00	MAT	Class A Common	17.90	10,740.00
11.00	MAT	Gel	23.40	257.40
21.00	MAT	Chloride	64.00	1,344.00
648.80	SER	Cubic Feet	2.48	1,609.02
681.02	SER	Ton Mileage	2.60	1,770.67
1.00	SER	Surface	2,213.75	2,213.75
23.00	SER	Pump Truck Mileage	7.70	177.10
23.00	SER	Light Vehicle Mileage	4.40	101.20
1.00	EQP	8.5/8 Baffle Plate	131.04	131.04
1.00	EQP	8.5/8 Rubber Plug	131.04	131.04
2.00	EQP	8.5/8 Centralizer	74.88	149.76
1.00	CEMENTER	Patrick Helgerson		
1.00	CEMENTER	Tim Dickson		
1.00	EQUIP OPER	Daniel Casper		

OKD

Subtotal	18,624.98
Sales Tax	803.45
Total Invoice Amount	19,428.43
Payment/Credit Applied	
TOTAL	19,428.43

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

\$ 7636.24

ONLY IF PAID ON OR BEFORE

Feb 20, 2013

ALLIED OIL & GAS SERVICES, LLC 059200

Federal Tax I.D.# 20-5975604

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Crest Bend

DATE <u>1-26-13</u>	SEC. <u>26</u>	TWP. <u>15S</u>	RANGE <u>19W</u>	CALLED OUT <u>7 PM 1-25</u>	ON LOCATION <u>9 AM 1-25</u>	JOB START <u>1:10 AM</u>	JOB FINISH <u>2:05 AM</u>
LEASE <u>Worth Trust</u>		WELL # <u>1-26</u>	LOCATION <u>4 miles West of</u>		COUNTY <u>Ellis</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>Shenchen</u>			<u>2.01</u> <u>6.3</u>	

CONTRACTOR Mustin Drilling Co.
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 1150
 CASING SIZE 8 5/8 DEPTH 1138
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX 800 PSI MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 42.15
 CEMENT LEFT IN CSG. 2.68 bbls
 PERFS. _____
 DISPLACEMENT 70.4 bbls

OWNER Mustin Drilling Co.
 CEMENT
 AMOUNT ORDERED 600 slbs class A, 3/8 C.C. 2 1/2 gal
 COMMON 600 @ 17.90 10,740.00
 POZMIX _____ @ _____
 GEL 11 @ 23.40 257.40
 CHLORIDE 21 @ 64.00 1,344.00
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 648.8 @ 2.48 1,609.02
 MILEAGE 29.61 x 234 x 2.60 1,770.97
 TOTAL 15,721.99

EQUIPMENT
 PUMP TRUCK CEMENTER Robert Helgeson 1
 # 398 HELPER Tim Dickson 1
 BULK TRUCK
 # 344 DRIVER Don Casper 2
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
Prepared 5 bbl water spacer,
Prepared 131 bbls of cement @ 75.2PPG,
Launched rubber plug,
Prepared 70.4 bbls displacement (water),
Prepared plug brought pressure to 700 lbs.
Shift in head,

Prepared 40 bbls cement to surface
 CHARGE TO: Mustin Drilling Co.
 STREET 250 N Water St 300
 CITY Wichita STATE KS ZIP 67202

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE 2213.00
 EXTRA FOOTAGE _____ @ _____
 MILEAGE Hum 23 @ 7.70 177.10
 MANIFOLD _____ @ _____
Hum 23 @ 4.40 101.20
 _____ @ _____
 TOTAL 2,492.05

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.

BLDG & FLOAT EQUIPMENT
1 8 5/8 battie plate @ 131.09 131.09
1 8 5/8 rubber plug @ 131.09 131.09
2 8 5/8 centralizers @ 74.88 149.76
 _____ @ _____
 _____ @ _____
 TOTAL 411.84

PRINTED NAME Arturo Cabero
 SIGNATURE Arturo Cabero

SALES TAX (If Any) 803.48
 TOTAL CHARGES 18,624.98
 DISCOUNT 7,636.87 IF PAID IN 30 DAYS
10,988.11

Accty -

cc: WF
cc: Liz
cc: L-1



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: 2/6/2013
Invoice # 6428

P.O.#:

Due Date: 3/8/2013

Division: Russell

Invoice

USED FOR IC 103
APPROVED [Signature]

Contact:

Murfin Drilling Company
Address/Job Location:
Murfin Drilling Company
P.O. Box 288
Russell Ks 67665

Reference:

WERTH TRUST 1-26

Description of Work:

PROD LONG STRING

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 991.39	No	Pump Truck Mileage-Job to Nearest Camp	15	\$162.53	No
Common-Class A	195	\$ 2,654.90	Yes	Bulk Truck Mileage-Job to Nearest Bulk Plant	15	\$95.11	No
Gilsonite	950	\$ 1,547.14	Yes				
Cement Scratchers Cable Type, 5 1/2"	16	\$ 1,216.00	Yes				
5 1/2" Turbolizer	13	\$ 818.63	Yes				
5 1/2" Basket	2	\$ 499.43	Yes				
Bulk Truck Matl-Material Service Charge	220	\$ 477.71	No				
Mud Clear	500	\$ 401.71	Yes				
Auto Fill Float Shoe, 5 1/2"	1	\$ 332.23	Yes				
Latch Down Plug & Baffle, 5 1/2"	1	\$ 243.20	Yes				
Salt (Fine)	16	\$ 242.51	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 9,682.49

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (1,452.37)

SubTotal for Taxable Items: \$ 6,762.38

SubTotal for Non-Taxable Items: \$ 1,467.73

Total: \$ 8,230.12

Tax: \$ 426.03

6.30% Ellis County Sales Tax

Amount Due: \$ 8,656.15

Applied Payments:

Balance Due: \$ 8,656.15

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.

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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. 8428

Date	2-3-13	Sec.	15	Range	19	County	Leffers	State	KS	On Location	4 W 34 N W 1/4 T10	Finish	8:00 PM
Lease	Worth Trust		Well No.	1-26		Owner	Shawnee 4 W 34 N W 1/4 T10						
Contractor	Murfine 2				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.								
Type Job	Long String				Charge To	Murfine Murfreesboro Tenn							
Hole Size	7 7/8		T.D.	30170		Street							
Csg.	5 1/2		Depth	3665		City							
Tbg. Size			Depth			State							
Tool			Depth			The above was done to satisfaction and supervision of owner agent or contractor.							
Cement Left in Csg.	22.25 ft		Shoe Joint	22.25 ft		Cement Amount Ordered	19.5 10% Salt + 8% Gypsum						
Meas Line	15.5 #		Displace	86.3/41		Common	19.5						
EQUIPMENT													
Pumptrk	15		No.	Cement		Poz. Mix							
			No.	Helper		Gel.							
Bulktrk	2		No.	Driver		Calcium							
			No.	Driver		Hulls							
Bulktrk	Du		No.	Driver		Salt 16							
			No.	Driver		Flowseal							
JOB SERVICES & REMARKS													
Remarks:	Rat Hole 30 SI												
Rat Hole	Mouse Hole 20 SI												
Mouse Hole	Centralizers 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21												
Centralizers	Baskets 23 25,												
Baskets	D/V or Port Collar												
D/V or Port Collar	Worked Ball Circulated for												
	Hour 1 mud flush												
	Displaced Rat and mouse hole												
	with 165 # SX down hole												
	displaced with water 79 SBBL												
	lift 80 psi band plug with												
	15 1500 float held												
FLOAT EQUIPMENT													
	Guide Shoe												
	Centralizer Turbo SB 5/8												
	Baskets 2												
	AFU Inserts												
	Float Shoe 5/8 1												
	Latch Down 1												
	16 Reap Scrapers												
	Pumptrk Charge prod long string												
	Mileage 15												
	Tax												
	Discount												
	Total Charge												
X Signature	Mark Robben												