



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
 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

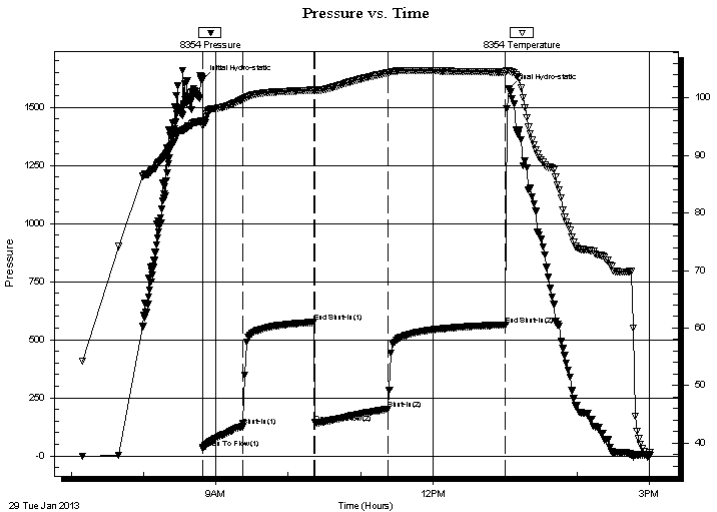
Serial #: 8354

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

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:

Serial #: 8354

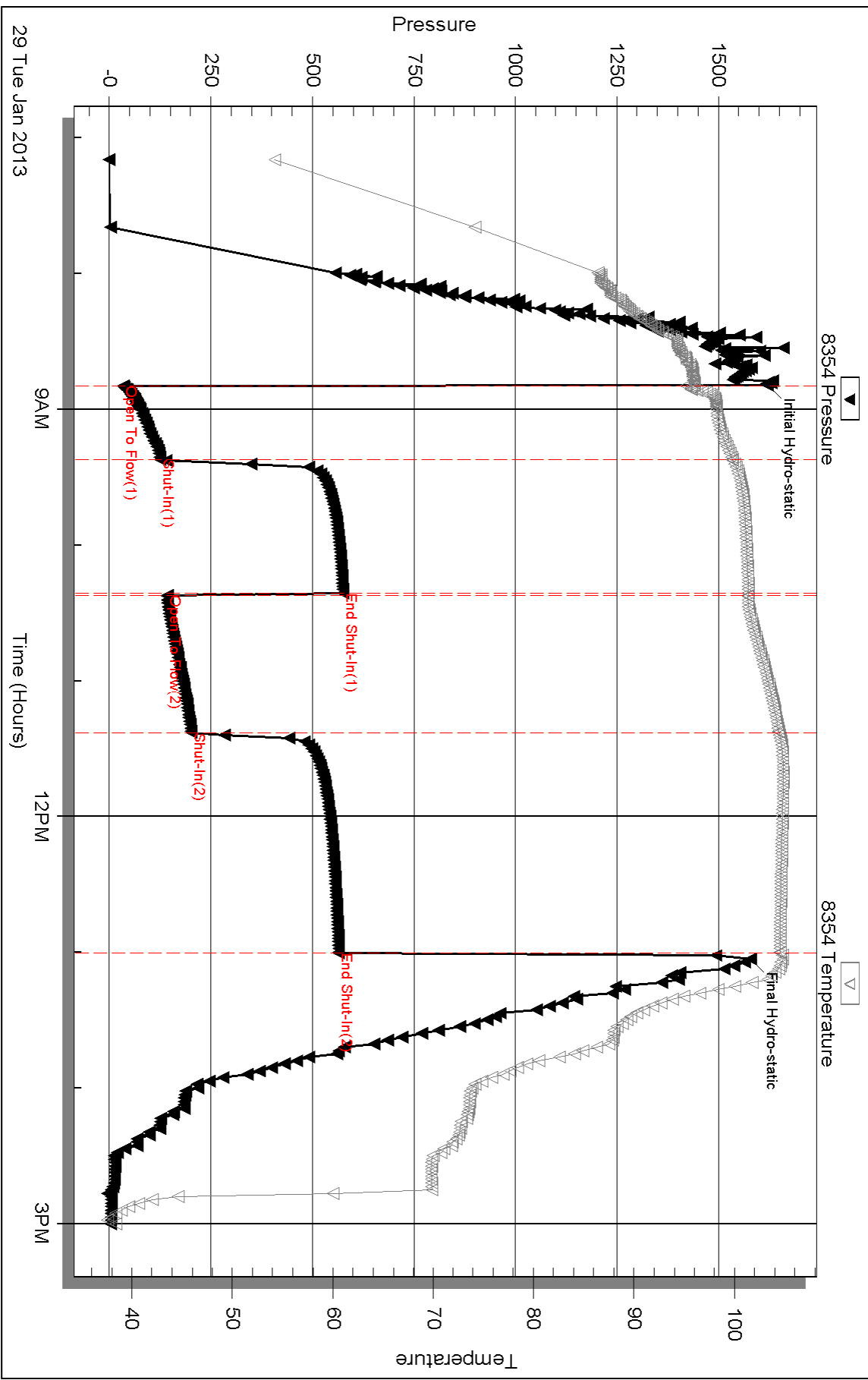
Inside

Murfin Drilling Co., Inc.

Worth Trust #1-26

DST Test Number: 1

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50336

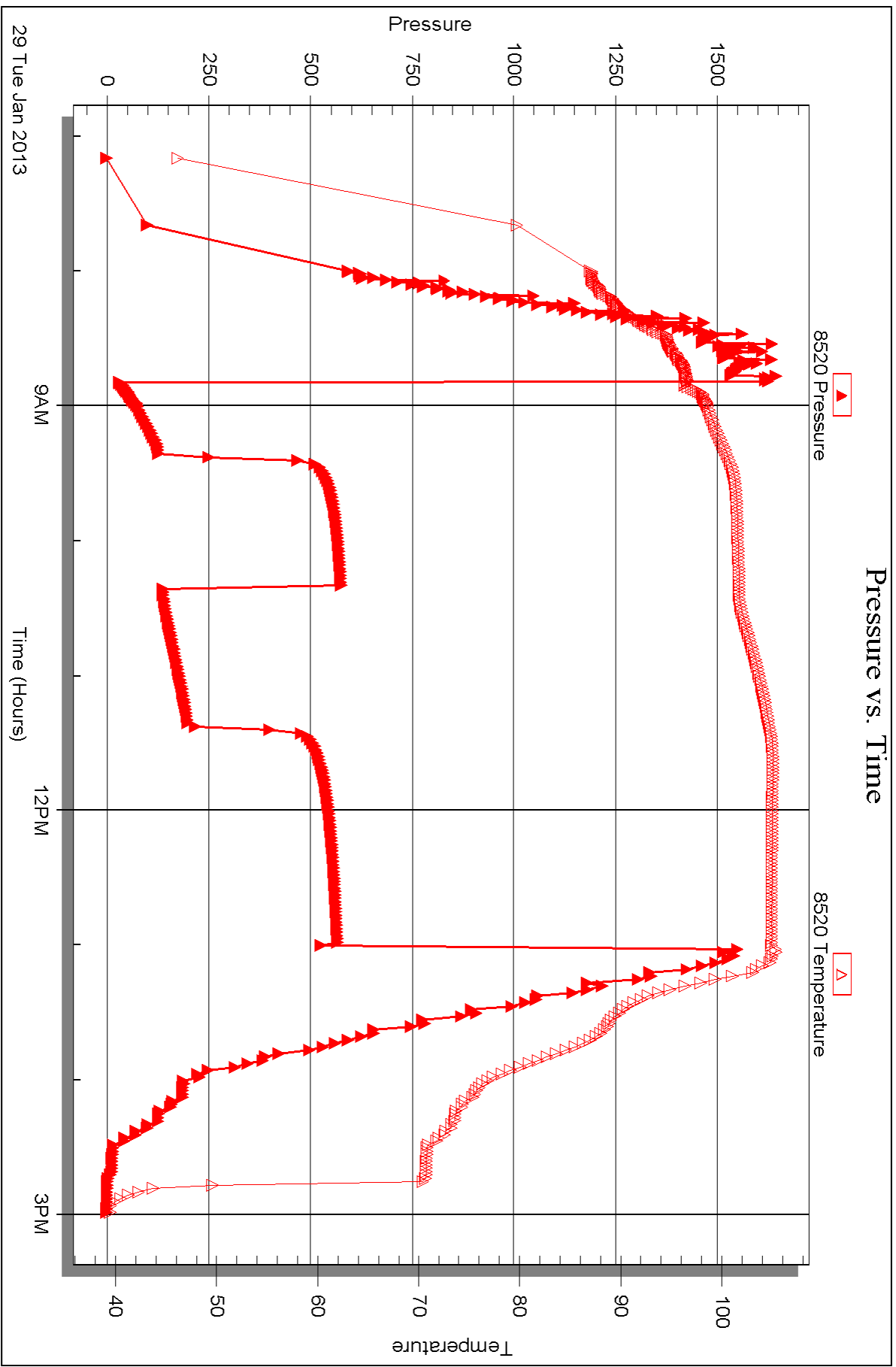
Printed: 2013.02.05 @ 15:18:11

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

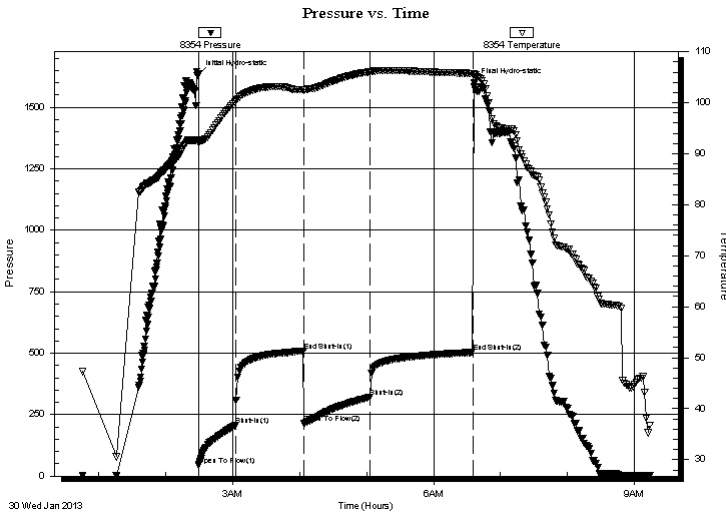
Serial #: 8354

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

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

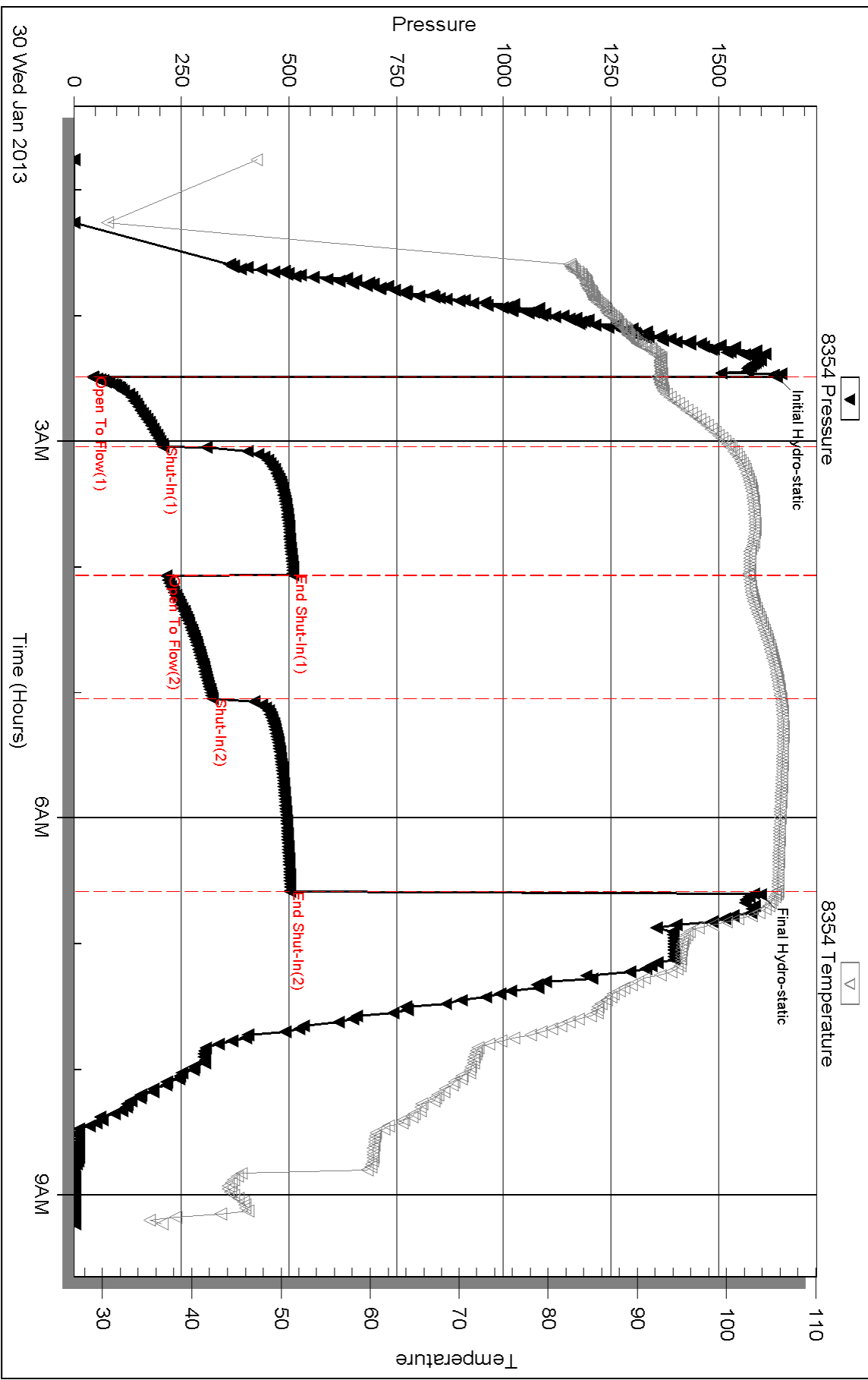
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

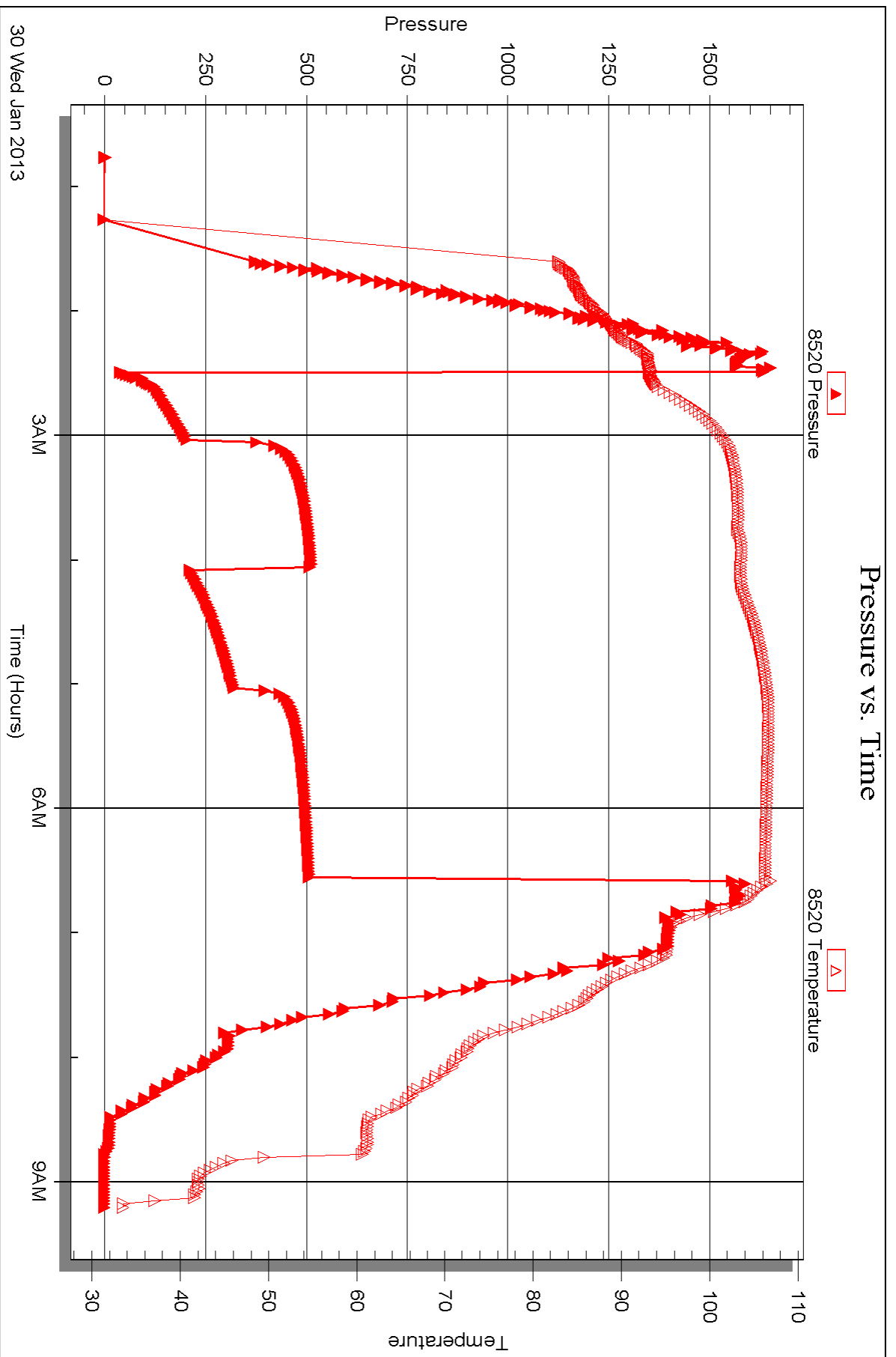


Serial #: 8520

Outside Murfin Drilling Co., Inc.

Merth 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

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 #: 8354 Inside

Press @ RunDepth: 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

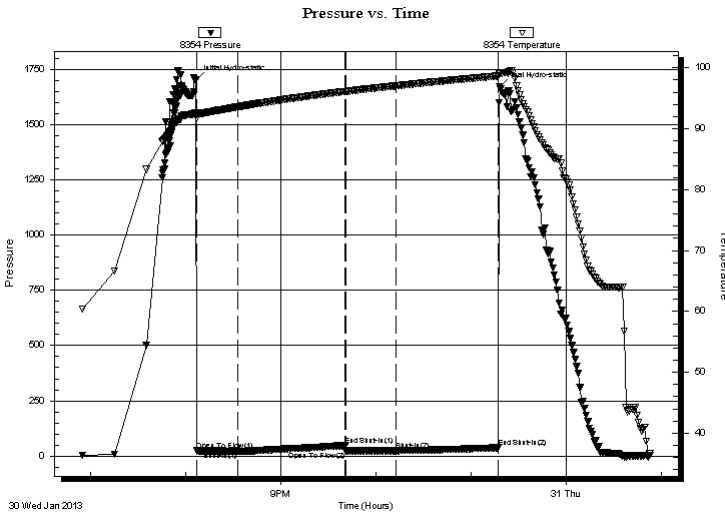
End Time: 00:53:15

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.
ISI-No Return.
FF-No Blow .
FSI-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

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

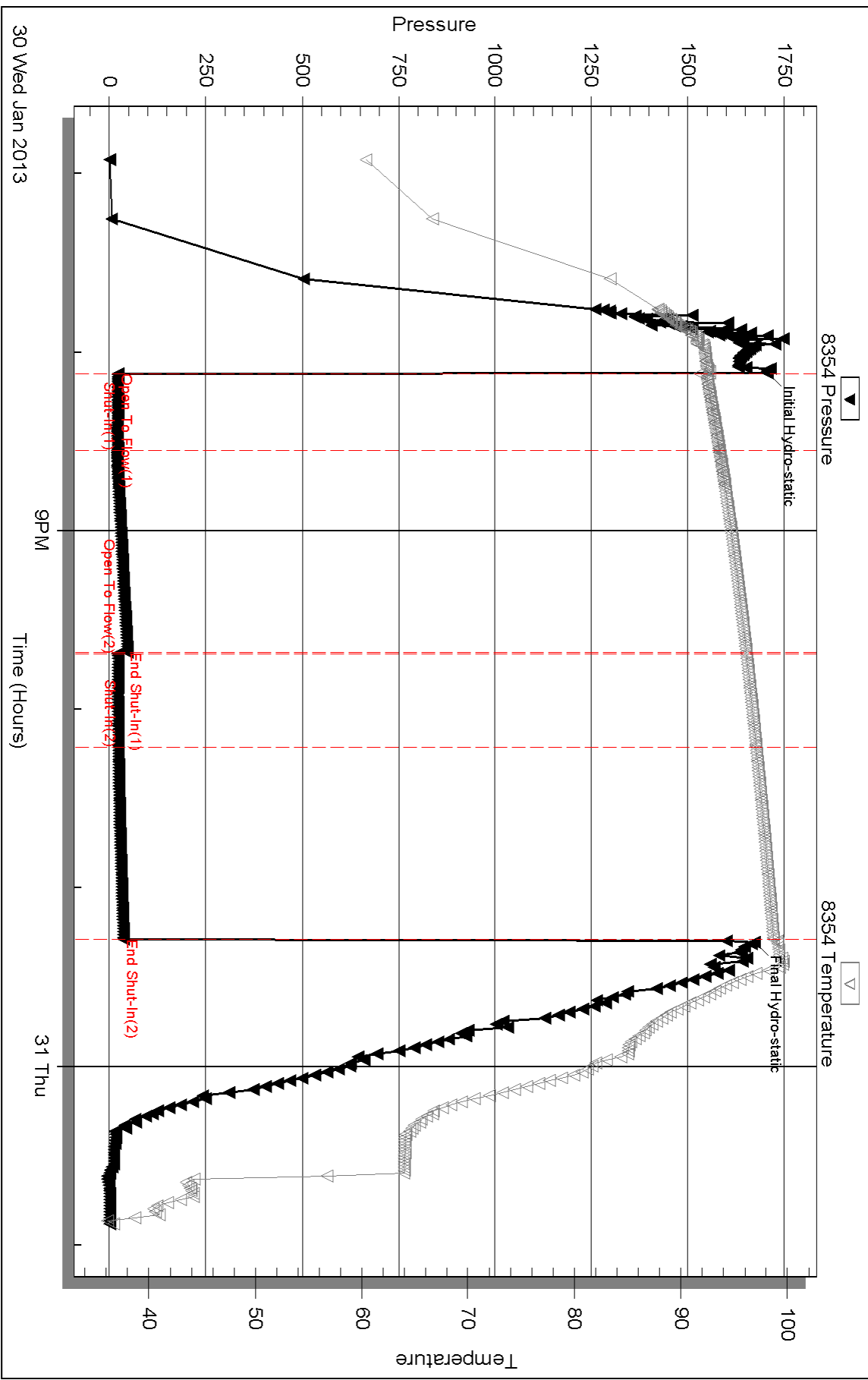
Inside

Murfin Drilling Co., Inc.

Worth Trust #1-26

DST Test Number: 3

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50338

Printed: 2013.02.05 @ 15:08:21



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 @ Run Depth: 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:

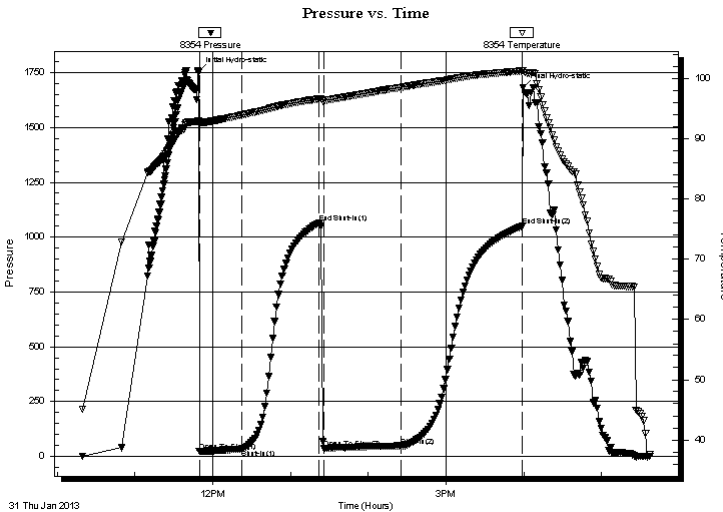
17:37:00

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.
ISI-No Return.
FF-Very weak building blow . Built to 2 1/2 inches.
FSI-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

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

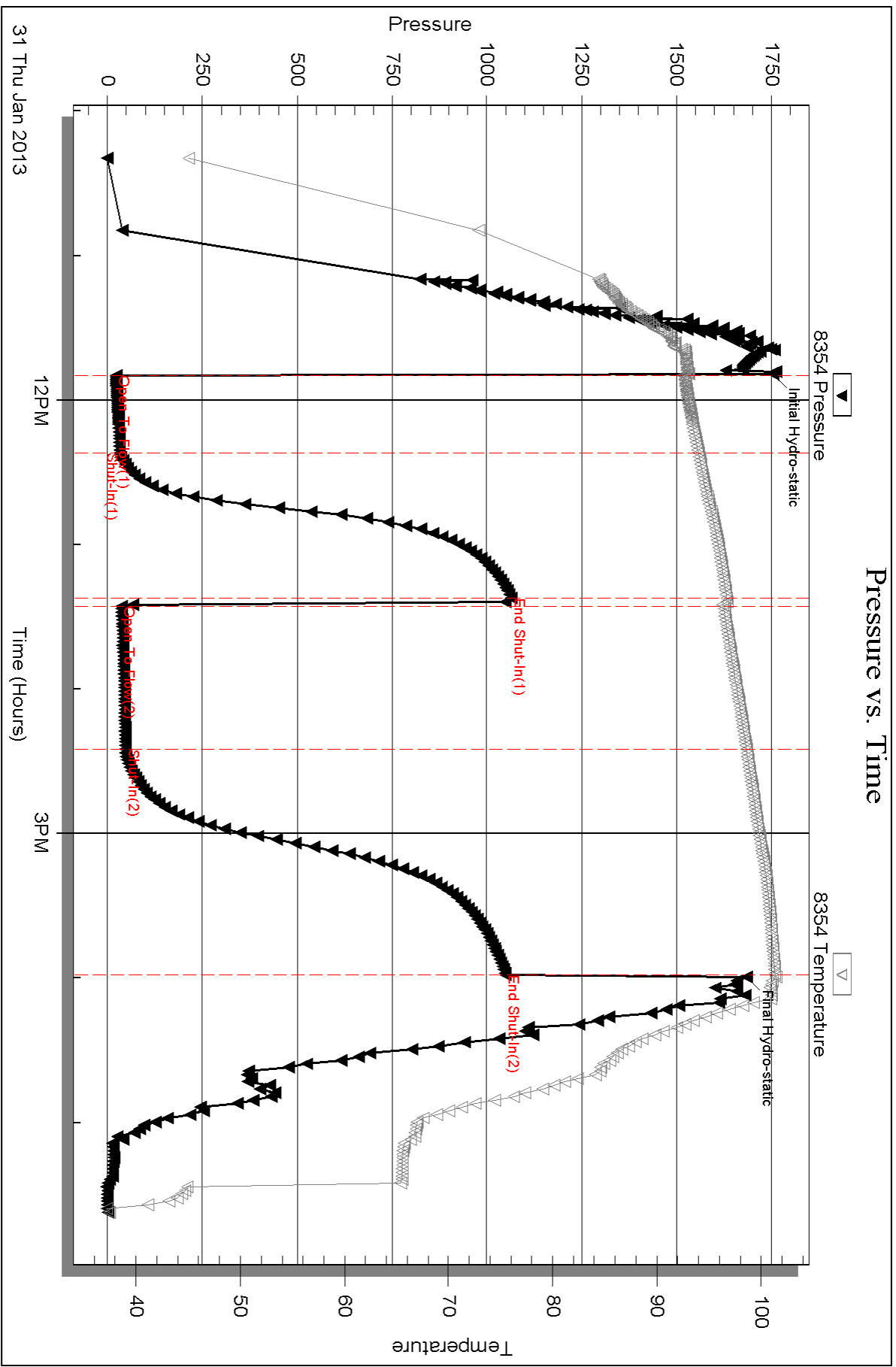
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

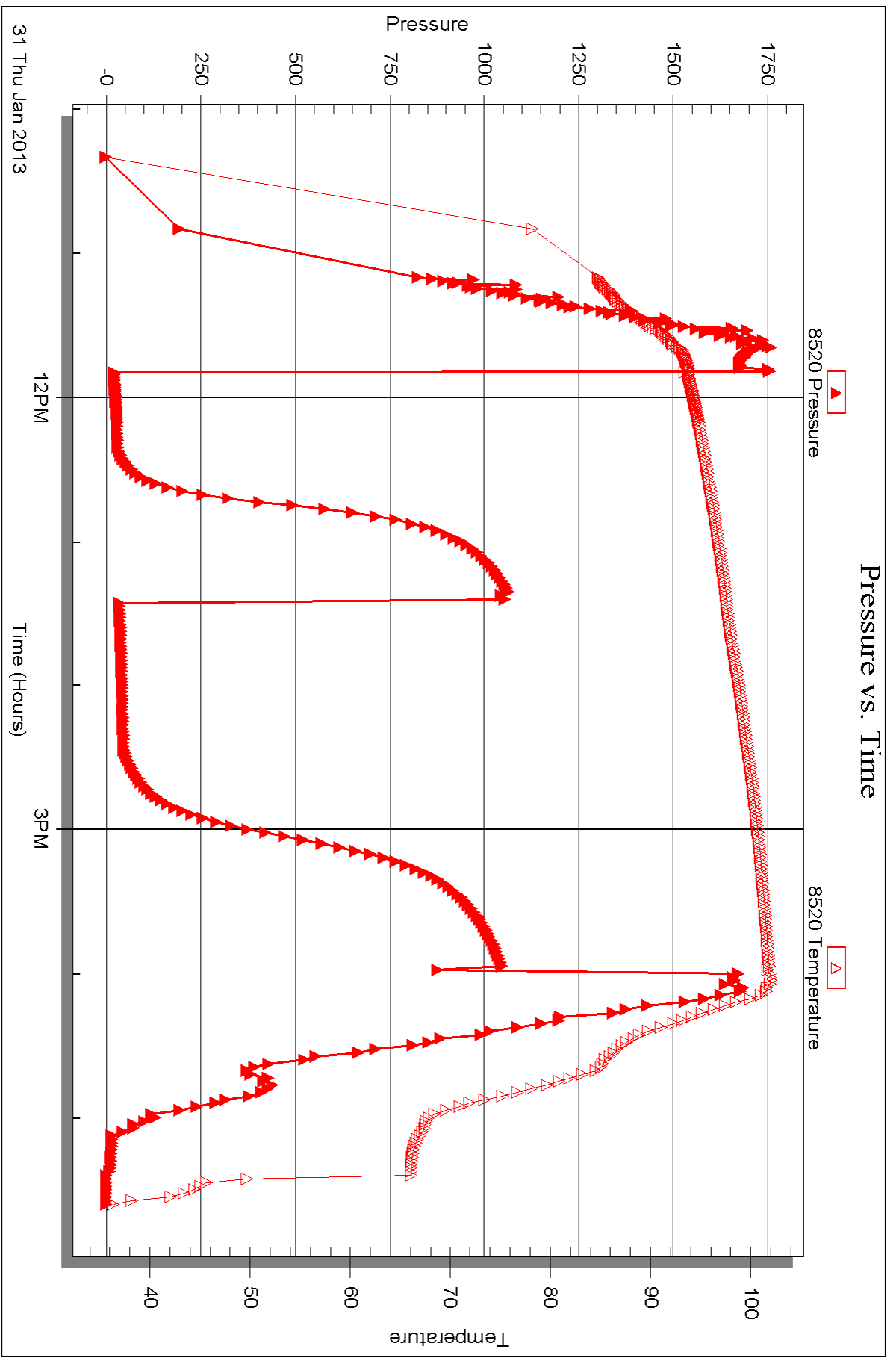


Serial #: 8520

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.
 250 N. Water Ste. #300
 Wichita, KS 67202
 ATTN: Robert Hendrix

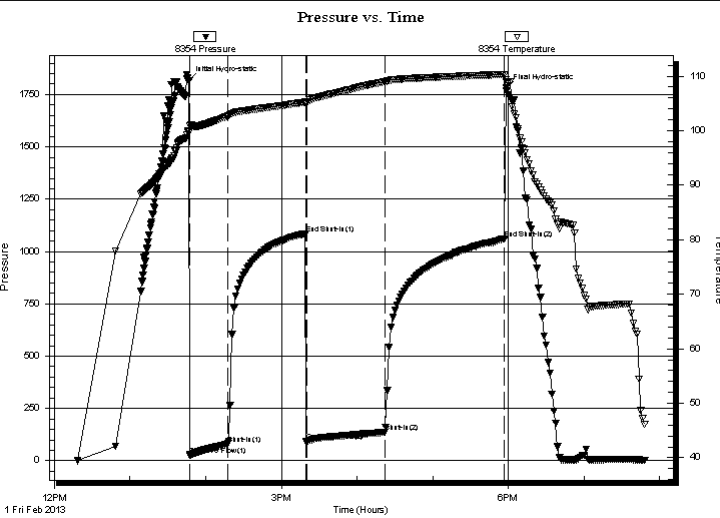
26-15s-19w Ellis, KS
Werth Trust #1-26
 Job Ticket: 50340 **DST#: 5**
 Test Start: 2013.02.01 @ 12:08:30

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 #: 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.
 ISI-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

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

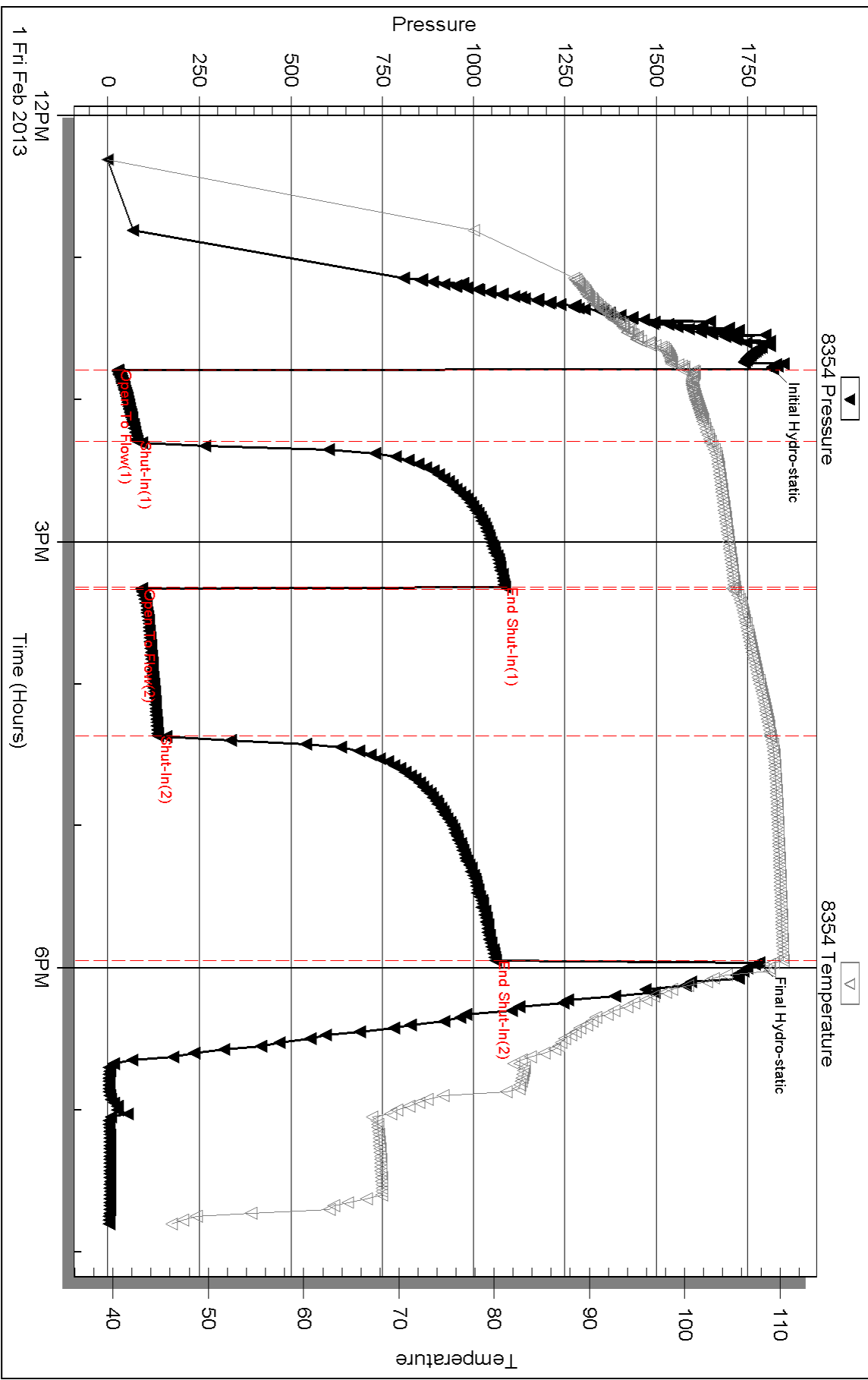
Inside

Murfin Drilling Co., Inc.

Worth Trust #1-26

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50340

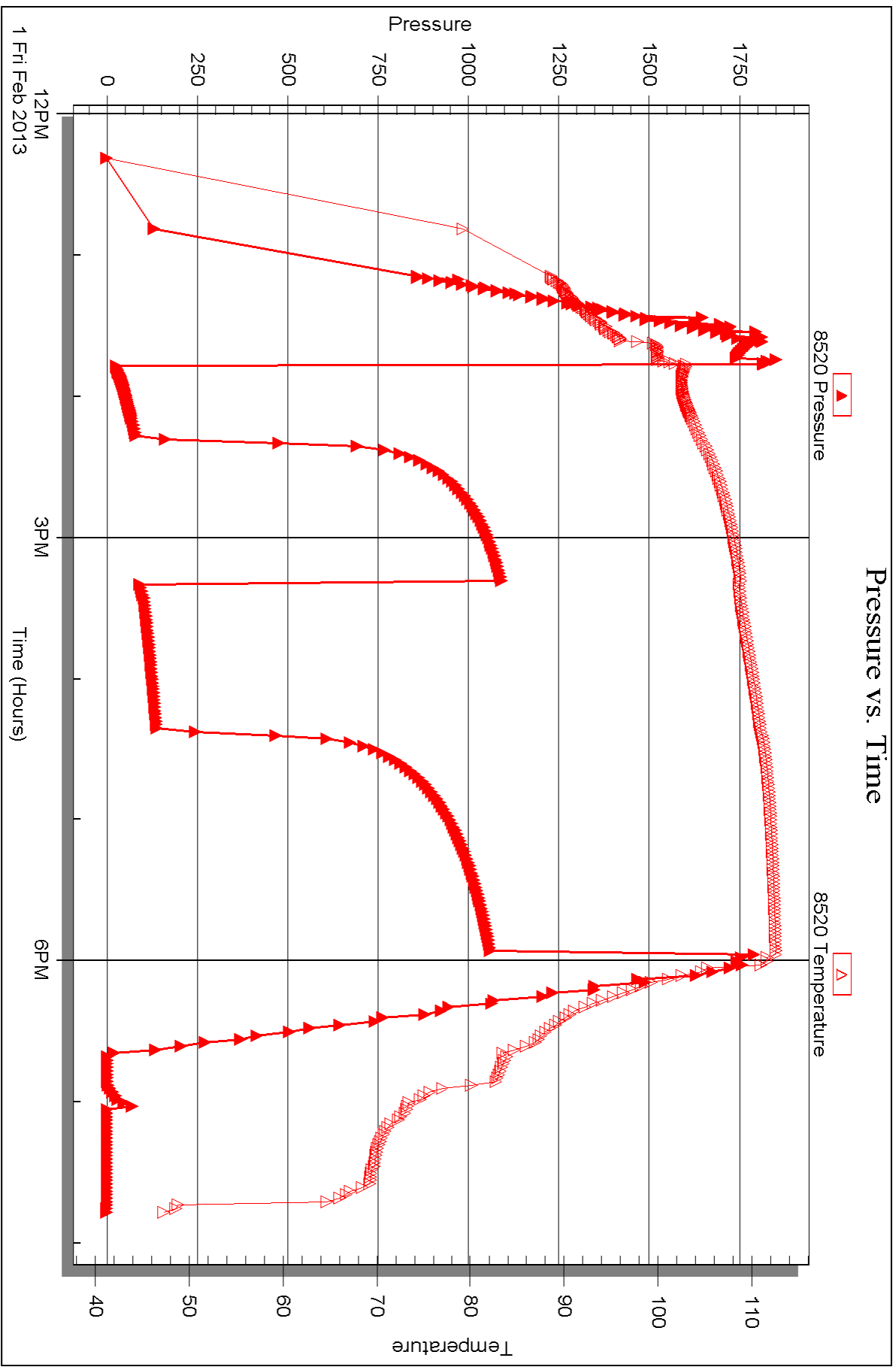
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Serial #: 8520

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

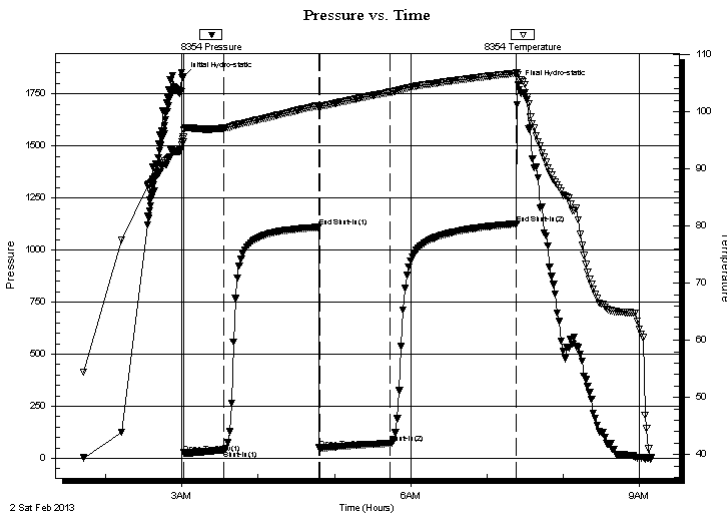
26-15s-19w Ellis, KS
Werth Trust #1-26
 Job Ticket: 50341 **DST#: 6**
 Test Start: 2013.02.02 @ 01:32:30

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

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
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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 bbbl
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

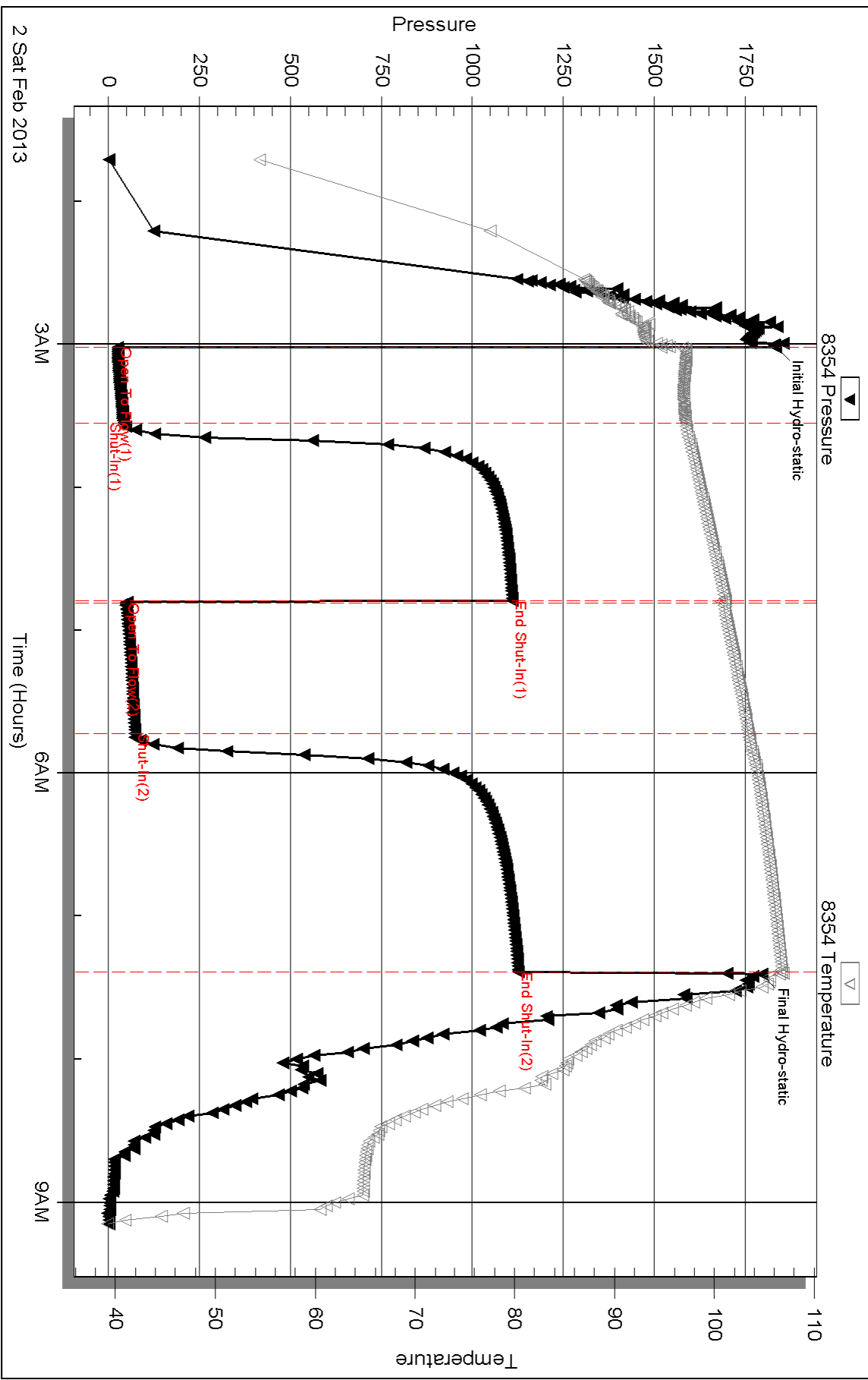
Inside

Murfin Drilling Co., Inc.

Worth Trust #1-26

DST Test Number: 6

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50341

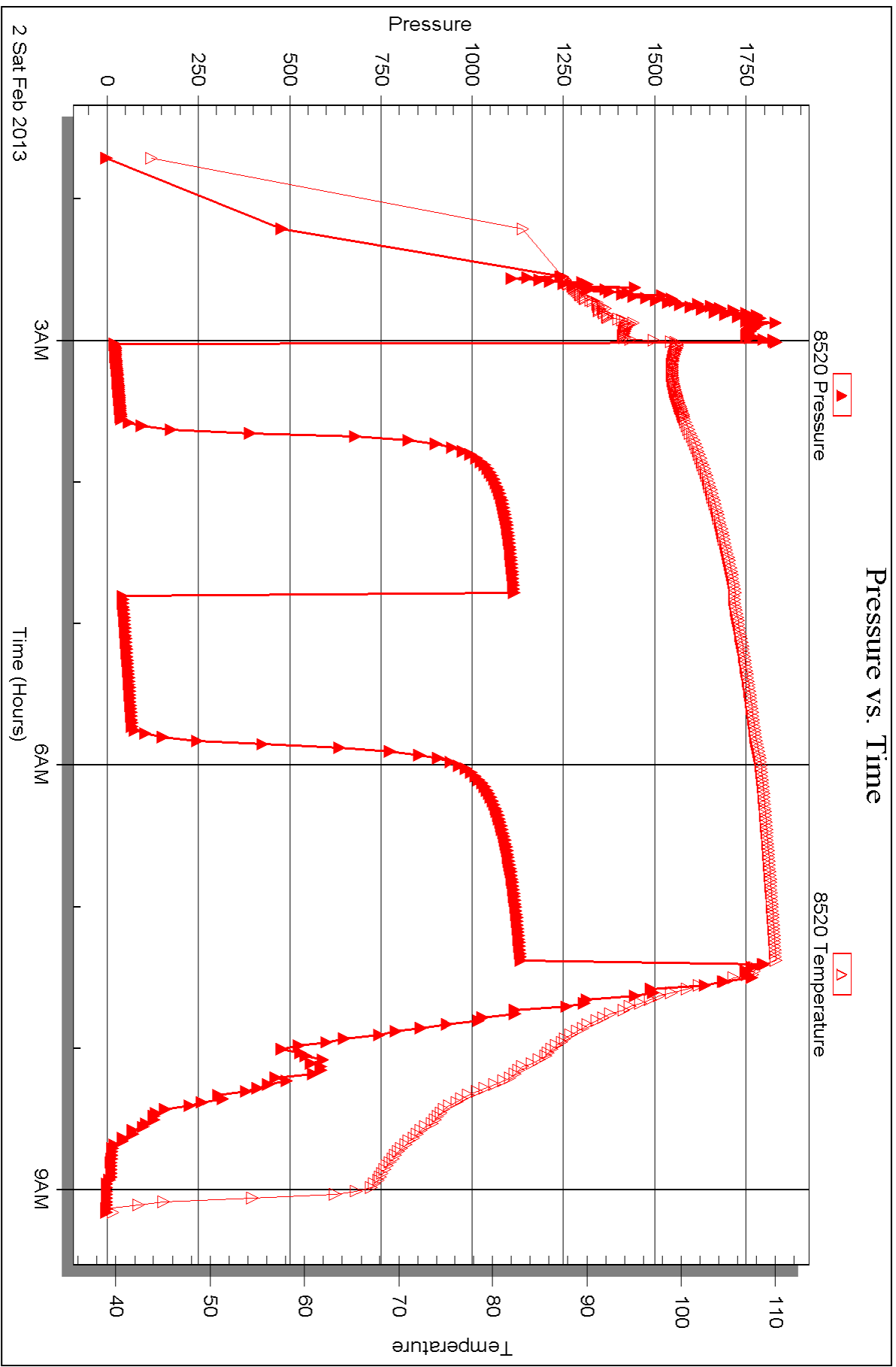
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Serial #: 8520

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

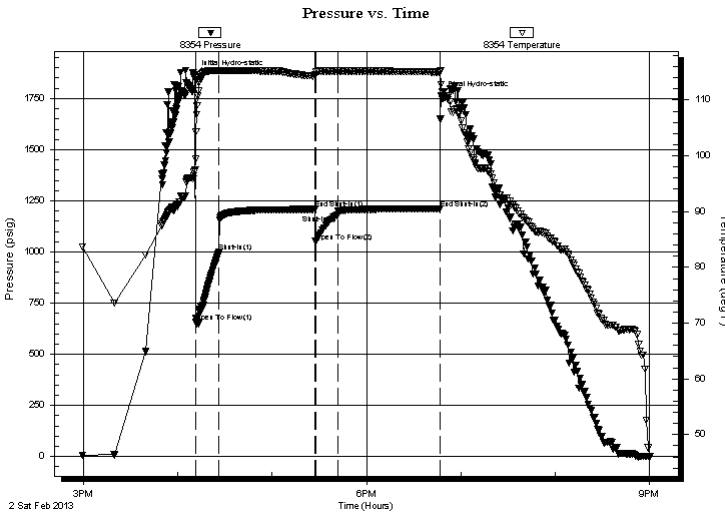
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 16:11:20 Tester: Dustin Rash
 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 #: 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

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

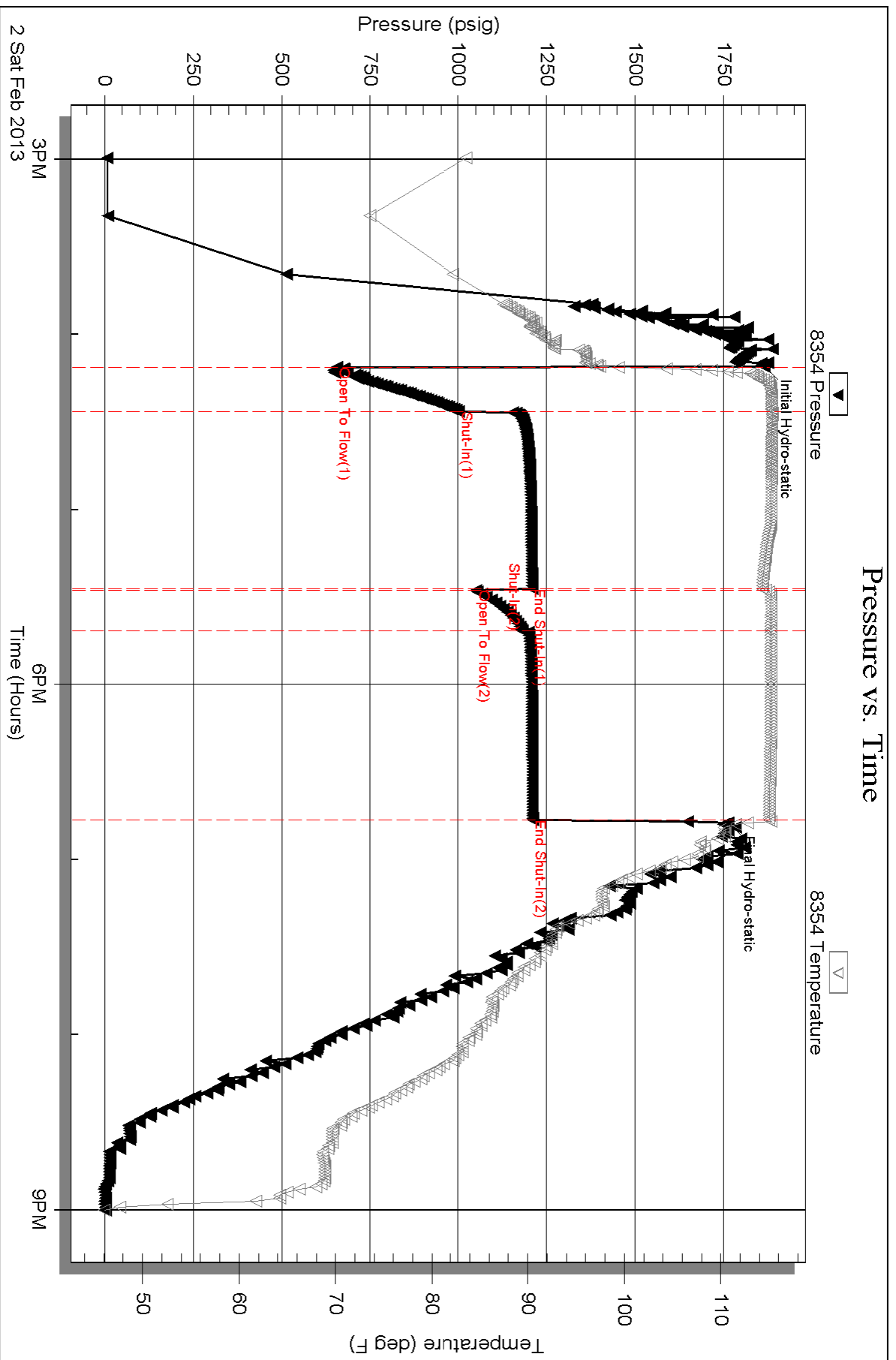
Inside

Murfin Drilling Co., Inc.

Merth Trust #1-26

DST Test Number: 7

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 50342

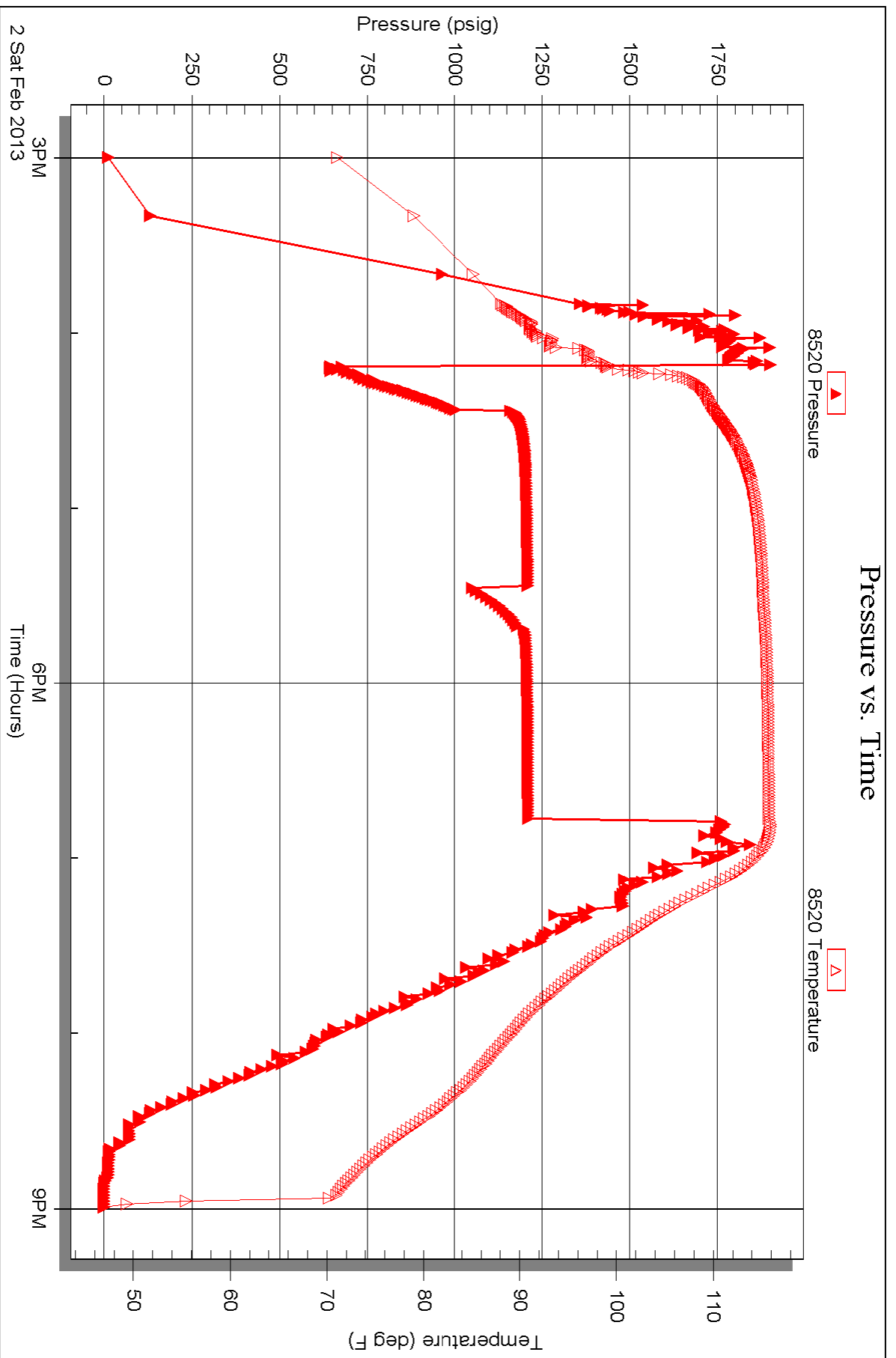
Printed: 2013.02.05 @ 14:59:26

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

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 <u>725' G.I.P.</u>	%gas _____	%oil _____	%water _____	%mud _____

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

(A) Initial Hydrostatic <u>1621</u>	<input checked="" type="checkbox"/> Test <u>1150</u>	T-On Location <u>0600</u>
(B) First Initial Flow <u>34</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>0700</u>
(C) First Final Flow <u>126</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0850</u>
(D) Initial Shut-In <u>575</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>1255</u>
(E) Second Initial Flow <u>143</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1500</u>
(F) Second Final Flow <u>202</u>	<input checked="" type="checkbox"/> Mileage <u>16X2</u> 49.60	Comments <u>BHT-0659</u>
(G) Final Shut-In <u>565</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1579</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

Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____

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,

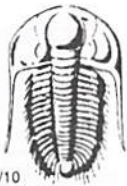
Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Gassy Oil</u>	<u>20</u>	<u>80</u>		
<u>45</u>	<u>GHCUM</u>	<u>10</u>	<u>40</u>	<u>10</u>	<u>40</u>
<u>126</u>	<u>Muddy Water</u>			<u>80</u>	<u>20</u>
<u>459</u>	<u>Muddy Water</u>			<u>90</u>	<u>10</u>
	<u>786' G.I.P.</u>				

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 BATT-0035
 (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 St. #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 _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____

Initial Open 30 Extra Packer _____ Extra Copies _____
 Initial Shut-In 60 Extra Recorder _____ Sub Total 0
 Final Flow 30 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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TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. 50339

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

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

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

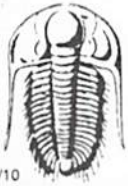
Rec Total 30 BHT 101 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

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

Initial Open 30
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90
 Sub Total 0
 Total 1524.60
 Sub 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. 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

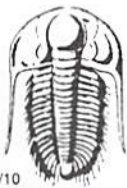
Rec Total 325 BHT 110 Gravity 37 API RW @ _____ °F Chlorides _____ ppm

(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 <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 _____

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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>Cassy 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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