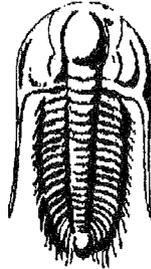


15-145-21579

28-22s-15w

150



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Murfin Drilling Co**

250 N. Water  
Suite 300  
Wichita, KS 67202

ATTN: Terry McLeod

**CONFIDENTIAL**

**28-22s-15w-Pawnee-KS**

JUN 05 2009

**NORTHGLENN #1-28**

**KCC**

Start Date: 2009.02.08 @ 09:00:00

End Date: 2009.02.08 @ 15:52:50

Job Ticket #: 35043                      DST #: 1

Murfin Drilling Co

NORTHGLENN #1-28

28-22s-15w-Pawnee-KS

DST # 1

Lansing "A"

2009.02.08

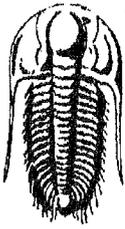
**RECEIVED**

**JUN 05 2009**

**KCC WICHITA**

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620





**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**TOOL DIAGRAM**

Murfin Drilling Co

**NORTHGLENN #1-28**

250 N. Water  
Suite 300  
Wichita, KS 67202  
ATTN: Terry McLeod

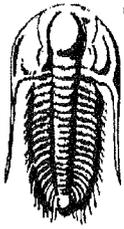
**28-22s-15w-Pawnee-KS**  
Job Ticket: 35043      **DST#: 1**  
Test Start: 2009.02.08 @ 09:00:00

**Tool Information**

Drill Pipe:	Length: 3430.00 ft	Diameter: 3.80 inches	Volume: 48.11 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			<b>Total Volume: 48.72 bbl</b>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 54000.00 lb
Depth to Top Packer:	3554.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	11.00 ft			
Tool Length:	34.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3536.00	
Hydraulic tool	5.00			3541.00	
Safety Joint	3.00			3544.00	
Packer	5.00			3549.00	23.00      Bottom Of Top Packer
Packer	5.00			3554.00	
Stubb	1.00			3555.00	
Recorder	0.00	8352	Inside	3555.00	
Recorder	0.00	6799	Inside	3555.00	
Perforations	7.00			3562.00	
Bullnose	3.00			3565.00	11.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>34.00</b>				



**TRILOBITE**  
TESTING, INC

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Murfin Drilling Co

**NORTHGLENN #1-28**

250 N. Water  
Suite 300  
Wichita, KS 67202  
ATTN: Terry McLeod

**28-22s-15w-Pawnee-KS**  
Job Ticket: 35043      **DST#: 1**  
Test Start: 2009.02.08 @ 09:00:00

**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 47.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3700.00 ppm			
Filter Cake: inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
15.00	WCM w/ slight oil trace 12%w 88%m	0.074
0.00	RW=.28ohm@55degF=32,000ppmChl	0.000

Total Length: 15.00 ft      Total Volume: 0.074 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 8352

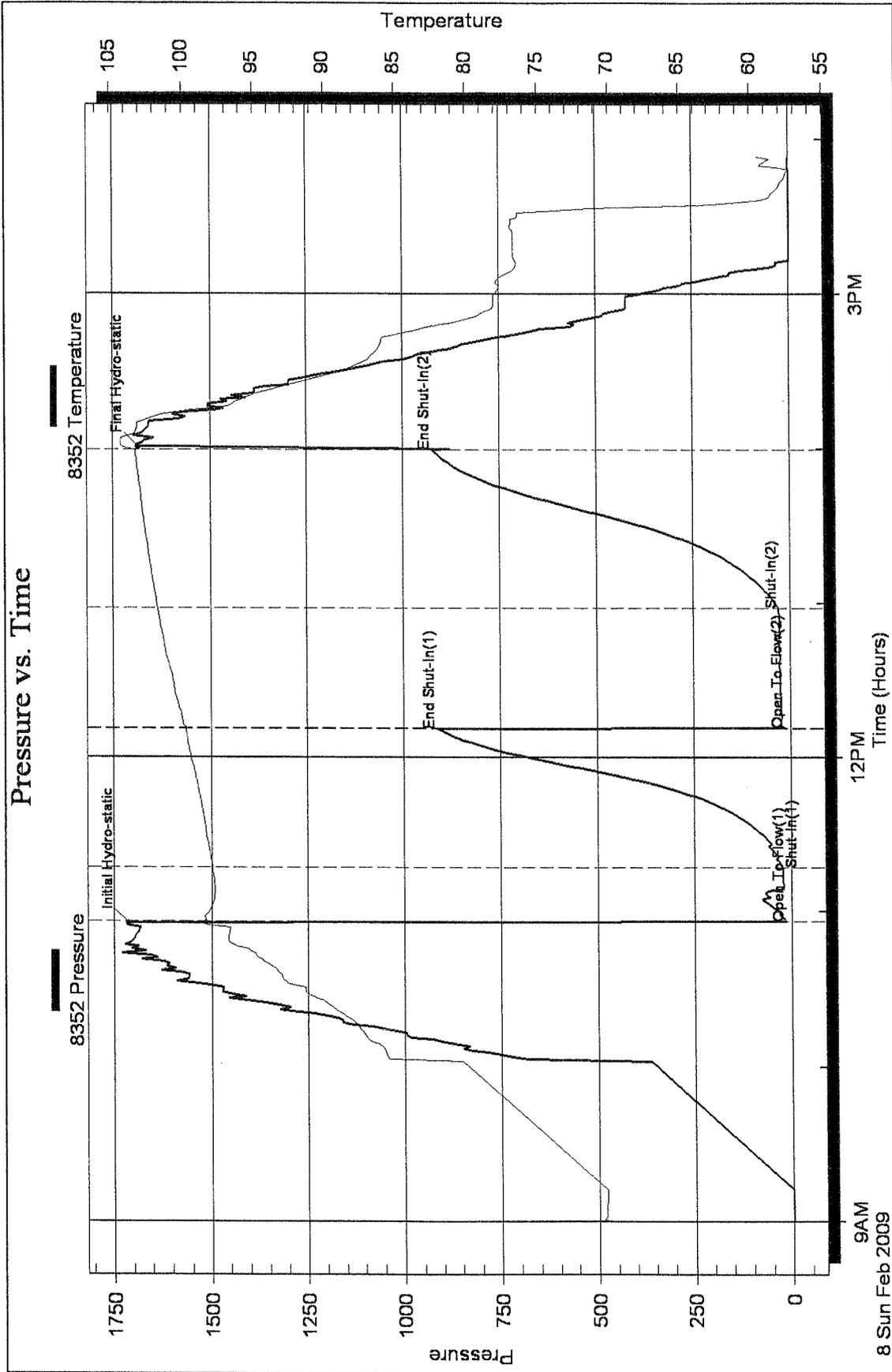
Inside

Murfin Drilling Co

28-22s-15w-Pawnee-KS

DST Test Number: 1

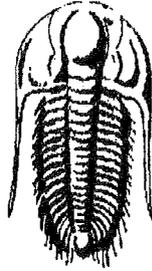
### Pressure vs. Time



9AM  
8 Sun Feb 2009

3PM

12PM  
Time (Hours)



**TRILOBITE  
TESTING, INC.**

### DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co**

250 N. Water  
Suite 300  
Wichita, KS 67202

**CONFIDENTIAL**

ATTN: Terry McLeod

JUN 05 2009

**28-22s-15w-Pawnee-KS**

**KCC**

**NORTHGLENN #1-28**

Start Date: 2009.02.09 @ 16:00:00

End Date: 2009.02.10 @ 00:27:50

Job Ticket #: 35044 DST #: 2

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KCC WICHITA

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Murfin Drilling Co  
250 N. Water  
Suite 300  
Wichita, KS 67202  
ATTN: Terry McLeod

**NORTHGLENN #1-28**  
**28-22s-15w-Pawnee-KS**  
Job Ticket: 35044      **DST#: 2**  
Test Start: 2009.02.09 @ 16:00:00

## GENERAL INFORMATION:

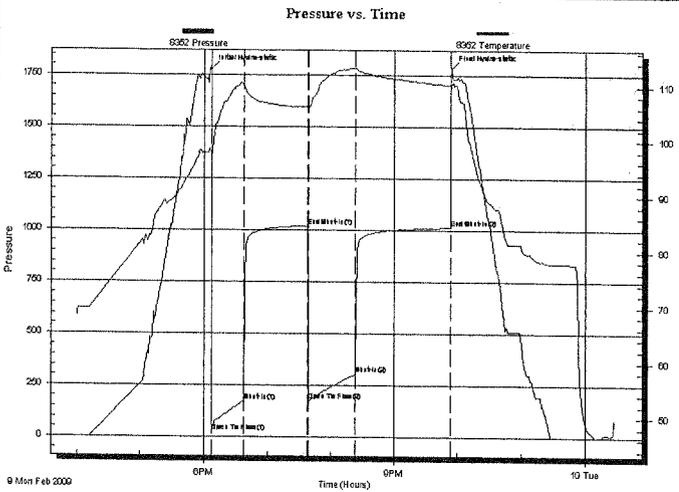
Formation: **Lansing, Kansas City**  
Deviated: No      Whipstock:      ft (KB)  
Time Tool Opened: 18:07:10  
Time Test Ended: 00:27:50  
Interval: **3670.00 ft (KB) To 3765.00 ft (KB) (TVD)**  
Total Depth: 3765.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches      Hole Condition: Good  
Test Type: Conventional Bottom Hole  
Tester: Jake Fahrenbruch  
Unit No: 43  
Reference Elevations: 2006.00 ft (KB)  
2002.00 ft (CF)  
KB to GR/CF: 4.00 ft

## Serial #: 8352

Inside

Press@RunDepth: 305.74 psig @ 3671.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2009.02.09      End Date: 2009.02.10      Last Calib.: 2009.02.10  
Start Time: 16:00:02      End Time: 00:27:49      Time On Btm: 2009.02.09 @ 18:07:00  
Time Off Btm: 2009.02.09 @ 21:54:39

TEST COMMENT: IF: Fairly strong blow, BOB in 10.5 minutes.  
IS: Bled off, no blow back.  
FF: Fairly strong blow, BOB in 14 minutes.  
FS: Bled off, no blow back.



## PRESSURE SUMMARY

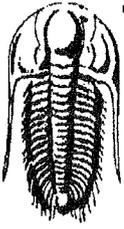
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1778.94	97.88	Initial Hydro-static
1	24.83	97.31	Open To Flow (1)
31	173.15	110.09	Shut-In(1)
91	1021.38	106.19	End Shut-In(1)
92	175.14	105.99	Open To Flow (2)
137	305.74	113.23	Shut-In(2)
227	1013.79	110.18	End Shut-In(2)
228	1784.05	109.98	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
355.00	Salt Water 100%w	3.84
130.00	MCW 25%w 75%w	1.82
65.00	WM 45%w 55%w	0.91
65.00	WCM 20%w 80%w	0.91
0.00	RW=.2ohm@50degF=52,500ppmChl	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Murfin Drilling Co

**NORTHGLENN #1-28**

250 N. Water  
Suite 300  
Wichita, KS 67202  
ATTN: Terry McLeod

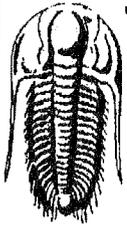
**28-22s-15w-Pawnee-KS**  
Job Ticket: 35044      **DST#: 2**  
Test Start: 2009.02.09 @ 16:00:00

**Tool Information**

Drill Pipe:	Length: 3555.00 ft	Diameter: 3.80 inches	Volume: 49.87 bbl	Tool Weight: 3500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 50.48 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3670.00 ft			Final 64000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	95.00 ft			
Tool Length:	118.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3652.00	
Hydraulic tool	5.00			3657.00	
Safety Joint	3.00			3660.00	
Packer	5.00			3665.00	23.00      Bottom Of Top Packer
Packer	5.00			3670.00	
Stubb	1.00			3671.00	
Recorder	0.00	8352	Inside	3671.00	
Recorder	0.00	6799	Inside	3671.00	
Perforations	30.00			3701.00	
Blank Spacing	61.00			3762.00	
Bullnose	3.00			3765.00	95.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>118.00</b>				



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Murfin Drilling Co

**NORTHGLENN #1-28**

250 N. Water  
Suite 300  
Wichita, KS 67202

**28-22s-15w-Pawnee-KS**

Job Ticket: 35044

**DST#: 2**

ATTN: Terry McLeod

Test Start: 2009.02.09 @ 16:00:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
355.00	Salt Water 100%w	3.841
130.00	MCW 25% <sub>m</sub> 75% <sub>w</sub>	1.824
65.00	WM 45% <sub>w</sub> 55% <sub>m</sub>	0.912
65.00	WCM 20% <sub>w</sub> 80% <sub>m</sub>	0.912
0.00	RW=.2ohm@50degF=52,500ppmChl	0.000

Total Length: 615.00 ft

Total Volume: 7.489 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

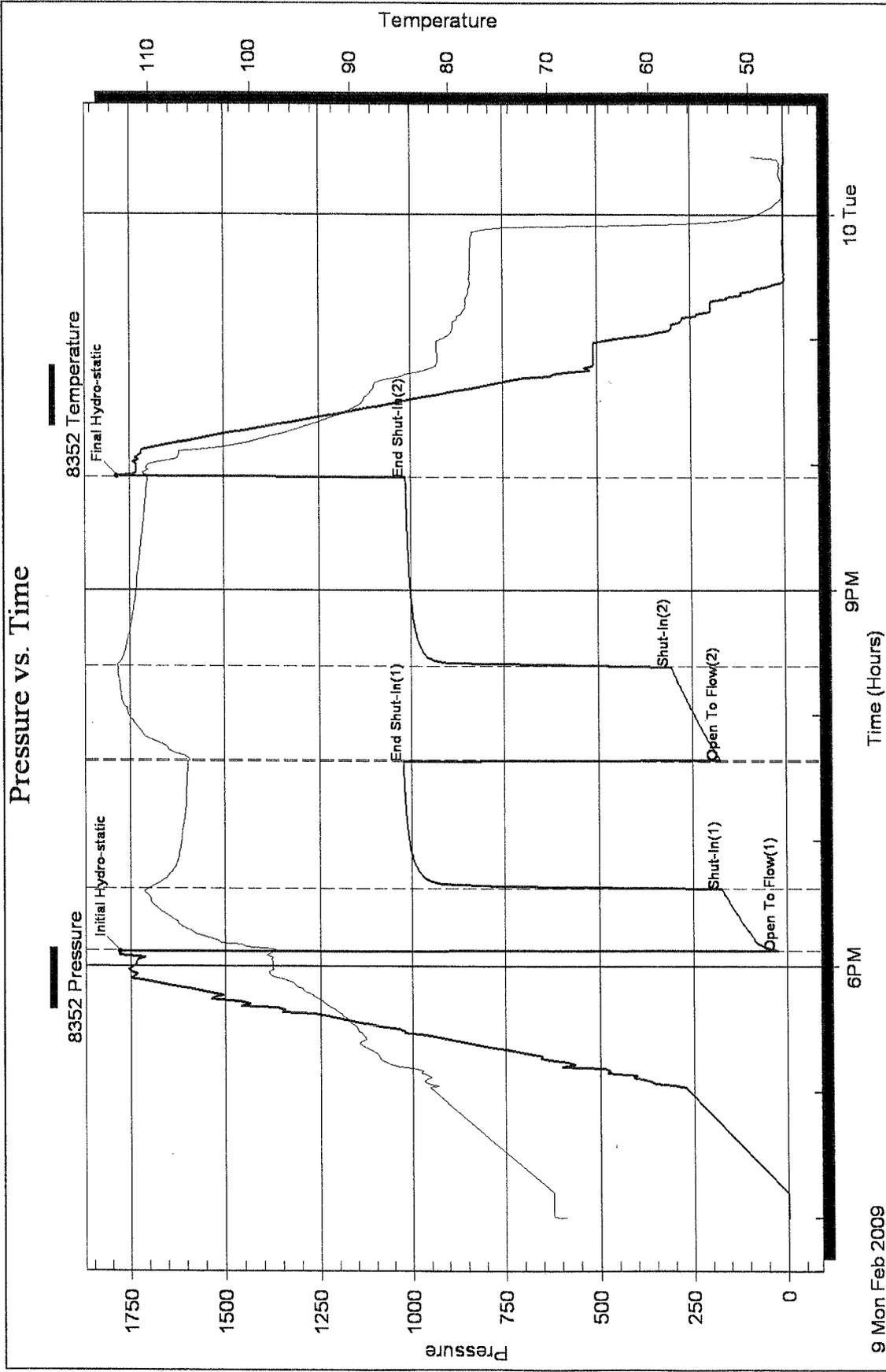
Serial #:

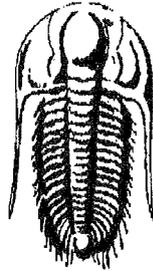
Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE**  
**TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co**

250 N. Water  
Suite 300  
Wichita, KS 67202

**CONFIDENTIAL**

JUN 05 2009

ATTN: Terry McLeod

**KCC**

**28-22s-15w-Pawnee-KS**

**NORTHGLENN #1-28**

Start Date: 2009.02.10 @ 16:40:00

End Date: 2009.02.11 @ 00:19:39

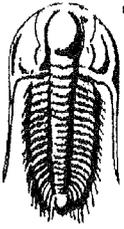
Job Ticket #: 35045                      DST #: 3

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PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Murfin Drilling Co  
250 N. Water  
Suite 300  
Wichita, KS 67202  
ATTN: Terry McLeod

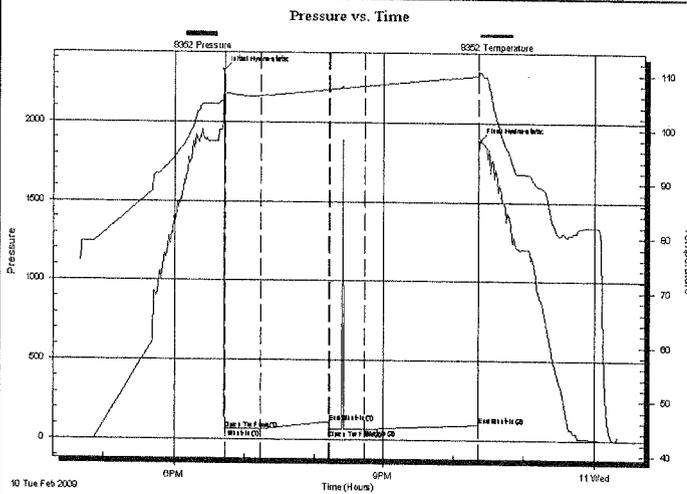
**NORTHGLENN #1-28**  
**28-22s-15w-Pawnee-KS**  
Job Ticket: 35045      DST#: 3  
Test Start: 2009.02.10 @ 16:40:00

## GENERAL INFORMATION:

Formation: **Simpson Sand**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 18:43:00  
Time Test Ended: 00:19:39  
Interval: **3949.00 ft (KB) To 3988.00 ft (KB) (TVD)**  
Total Depth: 3988.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Poor  
Test Type: Conventional Bottom Hole  
Tester: Jake Fahrenbruch  
Unit No: 43  
Reference Elevations: 2006.00 ft (KB)  
2002.00 ft (CF)  
KB to GR/CF: 4.00 ft

**Serial #: 8352      Inside**  
Press@RunDepth: 67.71 psig @ 3950.00 ft (KB)      Capacity: 7000.00 psig  
Start Date: 2009.02.10      End Date: 2009.02.11      Last Calib.: 2009.02.11  
Start Time: 16:40:02      End Time: 00:19:40      Time On Btm: 2009.02.10 @ 18:42:20  
Time Off Btm: 2009.02.10 @ 22:21:20

**TEST COMMENT:** IF: Tool slid 12' to bottom after opening, 3.5" blow immediately, blow died in 30 minutes.  
IS: No blow.  
FF: No blow, flushed tool at 10 minutes, short surge of bubbles, no blow.  
FSI: No blow.



## PRESSURE SUMMARY

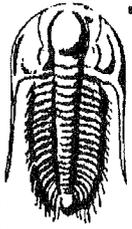
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2324.43	105.50	Initial Hydro-static
1	63.70	105.11	Open To Flow (1)
32	62.93	106.01	Shut-In(1)
91	112.45	107.18	End Shut-In(1)
91	64.56	107.18	Open To Flow (2)
121	67.71	107.85	Shut-In(2)
219	97.46	109.79	End Shut-In(2)
219	1881.44	110.21	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
90.00	Drilling Mud 100%	0.44

## Gas Rates

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



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Murfin Drilling Co  
250 N. Water  
Suite 300  
Wichita, KS 67202  
ATTN: Terry McLeod

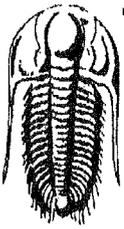
**NORTHGLENN #1-28**  
**28-22s-15w-Pawnee-KS**  
Job Ticket: 35045      **DST#: 3**  
Test Start: 2009.02.10 @ 16:40:00

**Tool Information**

Drill Pipe:	Length: 3835.00 ft	Diameter: 3.80 inches	Volume: 53.79 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 80000.00 lb
		<b>Total Volume:</b>	<b>54.40 bbl</b>	Tool Chased 12.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial 65000.00 lb
Depth to Top Packer:	3949.00 ft			Final 65000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	39.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3931.00	
Hydraulic tool	5.00			3936.00	
Safety Joint	3.00			3939.00	
Packer	5.00			3944.00	23.00      Bottom Of Top Packer
Packer	5.00			3949.00	
Stubb	1.00			3950.00	
Recorder	0.00	8352	inside	3950.00	
Recorder	0.00	6799	inside	3950.00	
Perforations	35.00			3985.00	
Bullnose	3.00			3988.00	39.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>62.00</b>				



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Murfin Drilling Co

**NORTHGLENN #1-28**

250 N. Water  
Suite 300  
Wichita, KS 67202  
ATTN: Terry McLeod

**28-22s-15w-Pawnee-KS**  
Job Ticket: 35045      **DST#: 3**  
Test Start: 2009.02.10 @ 16:40:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.18 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Drilling Mud 100%m	0.443

Total Length: 90.00 ft      Total Volume: 0.443 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 8352

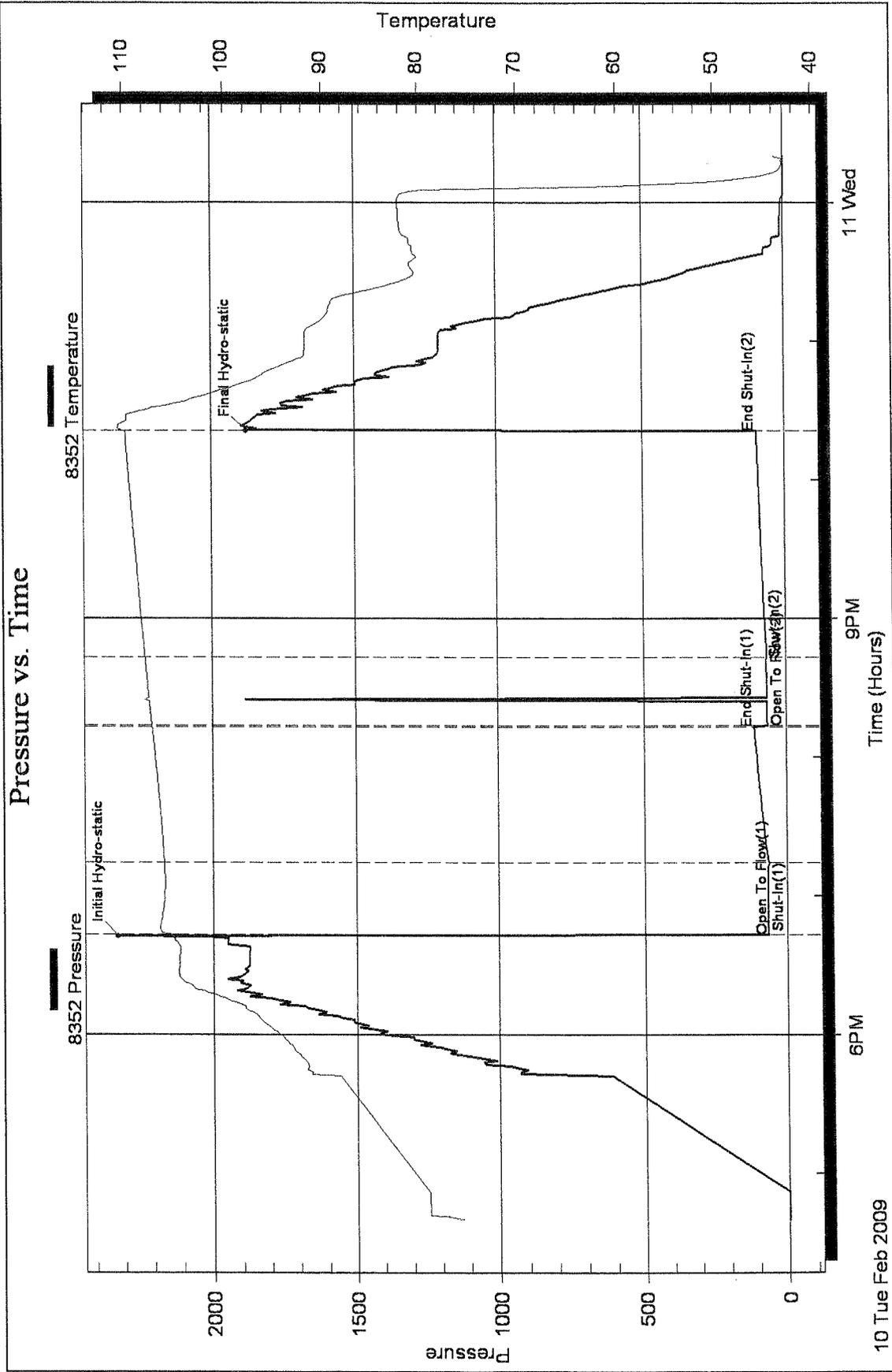
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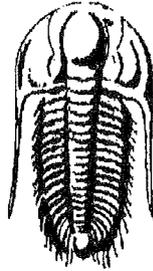
Murfin Drilling Co

28-22s-15w - Pawnee-KS

DST Test Number: 3

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Murfin Drilling Co**

250 N. Water  
Suite 300  
Wichita, KS 67202

**CONFIDENTIAL**

JUN 05 2009

ATTN: Terry McLeod

**KCC**

**28-22s-15w-Pawnee-KS**

**NORTHGLENN #1-28**

Start Date: 2009.02.11 @ 07:20:00

End Date: 2009.02.11 @ 17:03:19

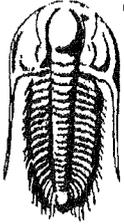
Job Ticket #: 35046 DST #: 4

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**KCC WICHITA**

Trilobite Testing, Inc  
PO Box 1733 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Murfin Drilling Co

**NORTHGLENN #1-28**

250 N. Water  
Suite 300  
Wichita, KS 67202  
ATTN: Terry McLeod

**28-22s-15w-Pawnee-KS**

Job Ticket: 35046 **DST#: 4**

Test Start: 2009.02.11 @ 07:20:00

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:28:00

Time Test Ended: 17:03:19

Test Type: Conventional Bottom Hole

Tester: Jake Fahrenbruch

Unit No: 43

Interval: **3946.00 ft (KB) To 4001.00 ft (KB) (TVD)**

Total Depth: 4001.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2006.00 ft (KB)

2002.00 ft (CF)

KB to GR/CF: 4.00 ft

**Serial #: 8352** Inside

Press@RunDepth: 801.01 psig @ 3947.00 ft (KB)

Start Date: 2009.02.11

End Date: 2009.02.11

Capacity: 7000.00 psig

Start Time: 07:20:02

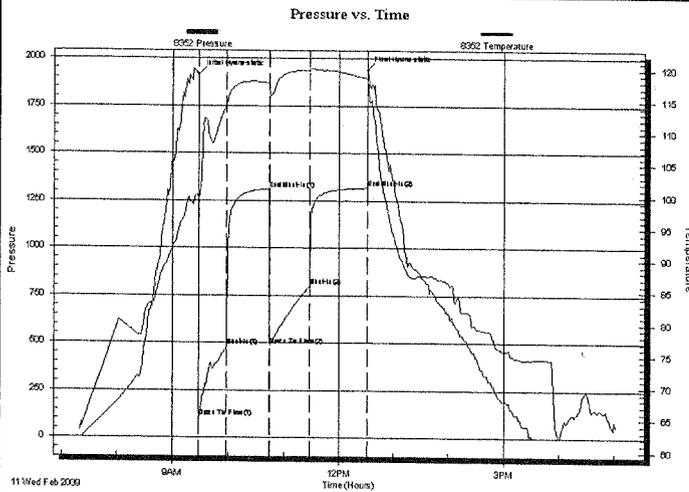
End Time: 17:03:19

Last Calib.: 2009.02.11

Time On Btm: 2009.02.11 @ 09:27:30

Time Off Btm: 2009.02.11 @ 12:31:20

**TEST COMMENT:** IF: Strong blow, BOB in 2 minutes.  
IS: Bled off, no blow back.  
FF: Strong blow, BOB in 3 minutes.  
FS: Bled off, no blow back.



## PRESSURE SUMMARY

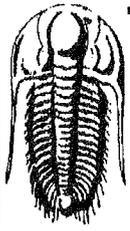
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1916.78	100.27	Initial Hydro-static
1	106.25	99.83	Open To Flow (1)
31	482.85	114.44	Shut-In(1)
77	1311.86	117.86	End Shut-In(1)
78	485.07	116.27	Open To Flow (2)
121	801.01	119.90	Shut-In(2)
184	1317.09	118.64	End Shut-In(2)
184	1938.94	118.83	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
250.00	Water 100%w	2.37
310.00	Gassy Clean Oil 15%g 85%o	4.35
1240.00	GMWCO 15%g 5%m 17%w 63%o	17.39
45.00	GWMCO 10%g 5%w 15%m 70%o	0.63
0.00	28.5 gravity (corrected) H2S present in	0.00
0.00	RW=.24ohm@65degF=32,000ppmChl	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Murfin Drilling Co

**NORTHGLENN #1-28**

250 N. Water  
Suite 300  
Wichita, KS 67202  
ATTN: Terry McLeod

**28-22s-15w-Pawnee-KS**  
Job Ticket: 35046      **DST#: 4**  
Test Start: 2009.02.11 @ 07:20:00

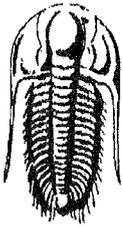
**Tool Information**

Drill Pipe:	Length: 3805.00 ft	Diameter: 3.80 inches	Volume: 53.37 bbl	Tool Weight: 3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 75000.00 lb
		<b>Total Volume:</b>	<b>53.98 bbl</b>	Tool Chased 7.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3946.00 ft			Final 70000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	55.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3928.00	
Hydraulic tool	5.00			3933.00	
Safety Joint	3.00			3936.00	
Packer	5.00			3941.00	23.00      Bottom Of Top Packer
Packer	5.00			3946.00	
Stubb	1.00			3947.00	
Recorder	0.00	8352	inside	3947.00	
Recorder	0.00	6799	inside	3947.00	
Perforations	18.00			3965.00	
Blank Spacing	33.00			3998.00	
Bullnose	3.00			4001.00	55.00      Bottom Packers & Anchor

**Total Tool Length: 78.00**



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Murfin Drilling Co

**NORTHGLENN #1-28**

250 N. Water  
Suite 300  
Wichita, KS 67202  
ATTN: Terry McLeod

**28-22s-15w-Pawnee-KS**  
Job Ticket: 35046      **DST#: 4**  
Test Start: 2009.02.11 @ 07:20:00

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 43.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.16 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
250.00	Water 100%w	2.368
310.00	Gassy Clean Oil 15%g 85%o	4.348
1240.00	GMVCO 15%g 5%m 17%w 63%o	17.394
45.00	GVMCO 10%g 5%w 15%m 70%o	0.631
0.00	28.5 gravity (corrected) H2S present in	0.000
0.00	RW=.24ohm@65degF=32,000ppmChl	0.000

Total Length: 1845.00 ft      Total Volume: 24.741 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

### Pressure vs. Time

