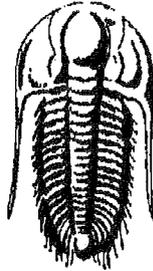


15-065-23317

14-10s-24w

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**

250 N Water Ste 300
Wichita KS 67202

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KCC

ATTN: Orlin Phelps

14 10 24 Graham KS

Goltl Trust Unit 3-14

Start Date: 2007.07.30 @ 09:29:31

End Date: 2007.07.30 @ 17:54:25

Job Ticket #: 28926 DST #: 1

Murfin Drilling

Goltl Trust Unit 3-14

14 10 24 Graham KS

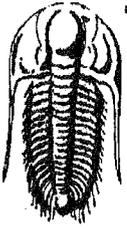
DST # 1

Toronto - LKC "A"

2007.07.30

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

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WICHITA, KS



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling
 250 N Water Ste 300
 Wichita KS 67202
 ATTN: Orlin Phelps

Goltl Trust Unit 3-14
14 10 24 Graham KS
 Job Ticket: 28926 **DST#: 1**
 Test Start: 2007.07.30 @ 09:29:31

GENERAL INFORMATION:

Formation: **Toronto - LKC "A"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:59:26
 Time Test Ended: 17:54:25
 Interval: **3770.00 ft (KB) To 3820.00 ft (KB) (TVD)**
 Total Depth: 3820.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:

Test Type: Conventional Bottom Hole
 Tester: Brian Fairbank
 Unit No: 41
 Reference Elevations: 2449.00 ft (KB)
 2444.00 ft (CF)
 KB to GR/CF: 5.00 ft

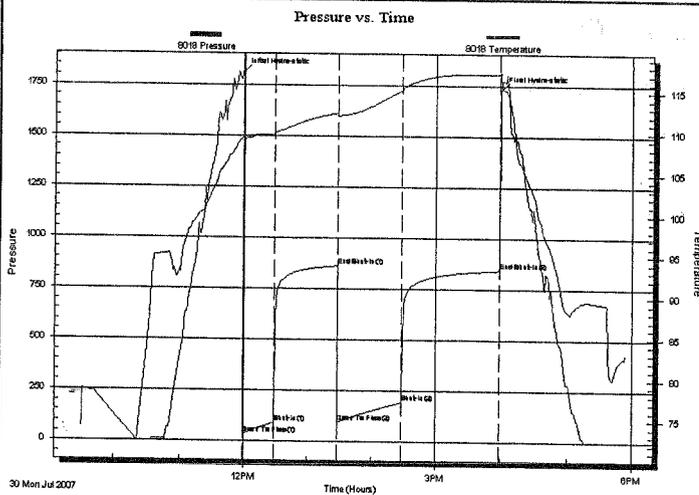
Serial #: 8018

Inside

Press@RunDepth: 193.19 psig @ 3775.01 ft (KB)
 Start Date: 2007.07.30 End Date: 2007.07.30
 Start Time: 09:29:31 End Time: 17:54:25

Capacity: 7000.00 psig
 Last Calib.: 2007.07.30
 Time On Btm: 2007.07.30 @ 11:59:11
 Time Off Btm: 2007.07.30 @ 15:59:25

TEST COMMENT: IFP BOB 23 min.
 ISI No blow back
 FFP No blow 5 min. - BOB 29 min.
 FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1809.90	109.55	Initial Hydro-static
1	34.73	108.86	Open To Flow (1)
30	91.95	109.83	Shut-In(1)
89	861.50	112.42	End Shut-In(1)
90	95.17	112.14	Open To Flow(2)
150	193.19	115.23	Shut-In(2)
240	842.46	117.28	End Shut-In(2)
241	1727.87	117.50	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	100%M	0.02
305.00	MW 70%W 30%M	4.07
70.00	WM scum O 35%W 65%M	0.98

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Orlin Phelps

Golfl Trust Unit 3-14
14 10 24 Graham KS
Job Ticket: 28926 **DST#: 1**
Test Start: 2007.07.30 @ 09:29:31

Tool Information

Drill Pipe:	Length: 3738.00 ft	Diameter: 3.80 inches	Volume: 52.43 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: 28.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 52.57 bbl</u>	Tool Chased 6.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3770.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.02 ft			
Tool Length:	70.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:	TOOL WAS PLUGGED			

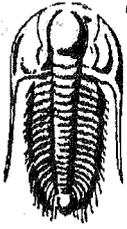
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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			3755.00	
Hydraulic tool	5.00			3760.00	
Packer	5.00			3765.00	20.00 Bottom Of Top Packer
Packer	5.00			3770.00	
Stubb	1.00			3771.00	
Perforations	3.00			3774.00	
Change Over Sub	1.00			3775.00	
Recorder	0.01	8018	Inside	3775.01	
Blank Spacing	31.00			3806.01	
Change Over Sub	1.00			3807.01	
Perforations	10.00			3817.01	
Recorder	0.01	13548	Outside	3817.02	
Bullnose	3.00			3820.02	50.02 Bottom Packers & Anchor

Total Tool Length: 70.02

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**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Orlin Phelps

Goltl Trust Unit 3-14
14 10 24 Graham KS
Job Ticket: 28926 DST#: 1
Test Start: 2007.07.30 @ 09:29:31

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: 65.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.75 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1000.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100%M	0.025
305.00	MW 70%W 30%M	4.069
70.00	WM scum O 35%W 65%M	0.982

Total Length: 380.00 ft Total Volume: 5.076 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

DST Test Number: 1

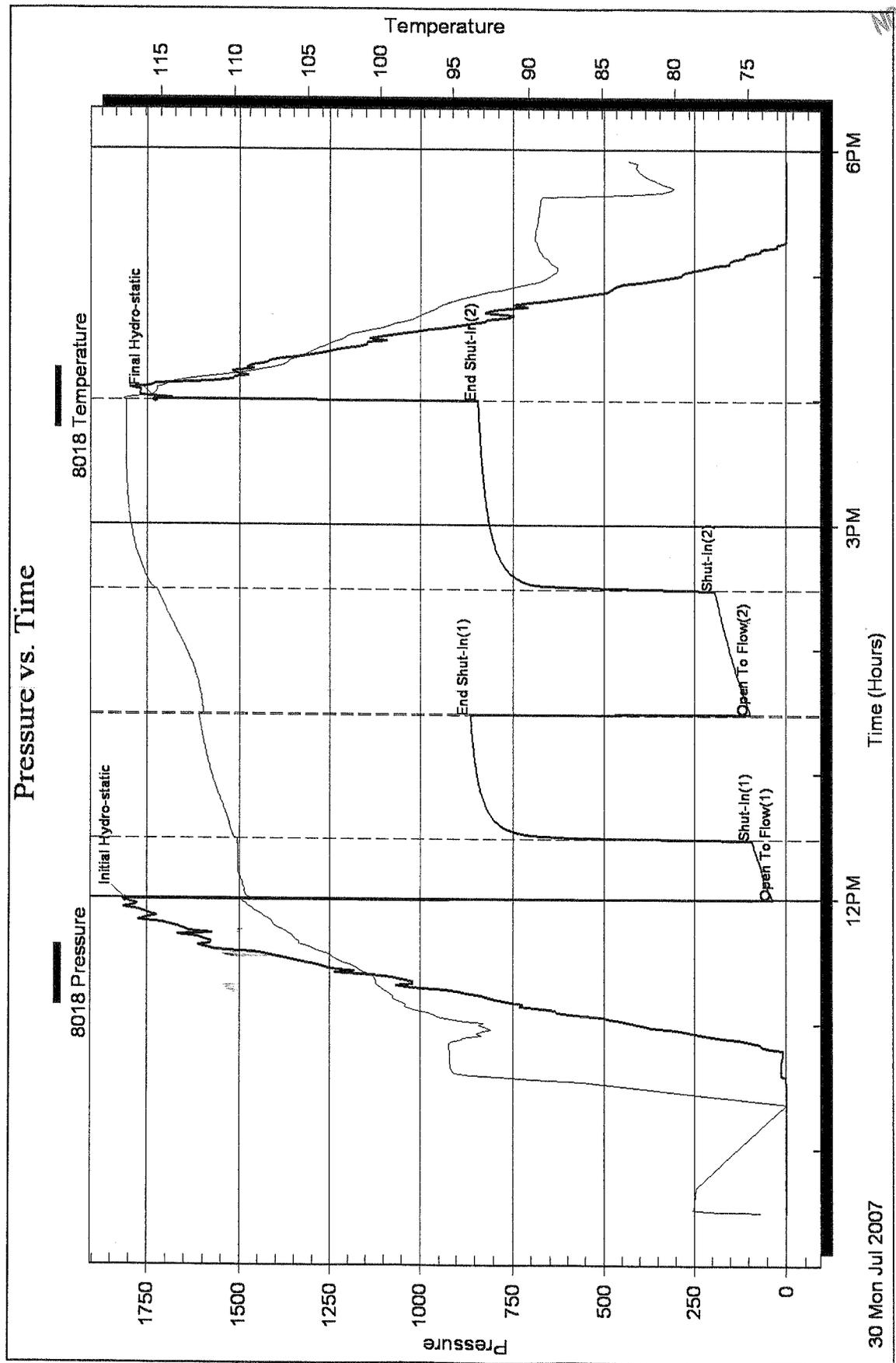
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Murfin Drilling

Inside

Serial #: 8018

Pressure vs. Time



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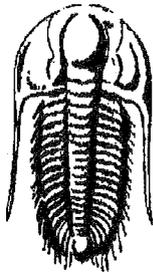
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Ref. No: 28926

Trilobite Testing, Inc

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Page 5



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**

250 N Water Ste 300
Wichita KS 67202

ATTN: Orlin Phelps

14 10 24 Graham KS

Golft Trust Unit 3-14

Start Date: 2007.07.31 @ 10:26:32

End Date: 2007.07.31 @ 18:58:42

Job Ticket #: 28927 DST #: 2

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WICHITA, KS

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PO Box 362 Hays, KS 67601
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Murfin Drilling

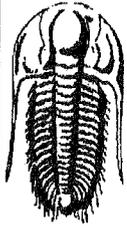
Golft Trust Unit 3-14

14 10 24 Graham KS

DST # 2

35' - 100'

2007.07.31



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Murfin Drilling
 250 N Water Ste 300
 Wichita KS 67202
 ATTN: Orlin Phelps

Goldt Trust Unit 3-14
14 10 24 Graham KS
 Job Ticket: 28927 **DST#: 2**
 Test Start: 2007.07.31 @ 10:26:32

GENERAL INFORMATION:

Formation: **35' - 100'**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:28:12
 Time Test Ended: 18:58:42

Test Type: Conventional Bottom Hole
 Tester: Brian Fairbank
 Unit No: 41

Interval: **3820.00 ft (KB) To 3900.00 ft (KB) (TVD)**
 Total Depth: 3900.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2449.00 ft (KB)
 2444.00 ft (CF)
 KB to GR/CF: 5.00 ft

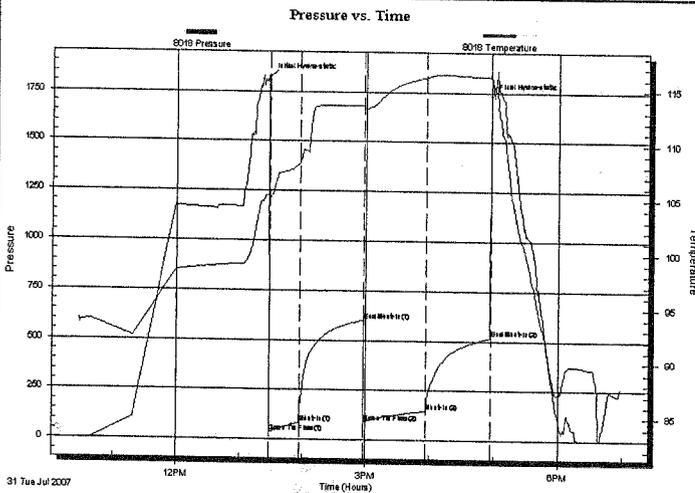
Serial #: 8018

Inside

Press@RunDepth: 147.36 psig @ 3824.01 ft (KB)
 Start Date: 2007.07.31 End Date: 2007.07.31
 Start Time: 10:26:32 End Time: 18:58:42

Capacity: 7000.00 psig
 Last Calib.: 2007.07.31
 Time On Btm: 2007.07.31 @ 13:27:42
 Time Off Btm: 2007.07.31 @ 16:57:11

TEST COMMENT: IFP BOB 25 min.
 ISI No blow back
 FFP BOB 42 min.
 FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1820.67	105.46	Initial Hydro-static
1	33.99	105.01	Open To Flow (1)
30	85.02	108.29	Shut-In(1)
90	600.67	113.59	End Shut-In(1)
91	89.79	113.35	Open To Flow (2)
149	147.36	116.17	Shut-In(2)
210	516.44	116.26	End Shut-In(2)
210	1729.93	116.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	100%M	0.05
240.00	MW 93%W 7%M	3.20
15.00	WM SCUM O 35%W 65%M	0.21
15.00	GW&M FREE OIL 6%G 90%O 1%W 3%M	0.21

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202

ATTN: Orlin Phelps

Golfl Trust Unit 3-14
14 10 24 Graham KS
Job Ticket: 28927 **DST#: 2**
Test Start: 2007.07.31 @ 10:26:32

Tool Information

Drill Pipe:	Length: 3800.00 ft	Diameter: 3.80 inches	Volume: 53.30 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: 28.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 75000.00 lb
			Total Volume: 53.44 bbl	Tool Chased 2.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3820.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	80.02 ft			
Tool Length:	100.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

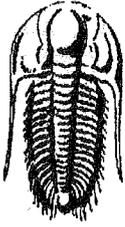
Tool Comments:
WORK ON HIGH GEAR CHAIN 1:20

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3805.00	
Hydraulic tool	5.00			3810.00	
Packer	5.00			3815.00	20.00 Bottom Of Top Packer
Packer	5.00			3820.00	
Stubb	1.00			3821.00	
Perforations	2.00			3823.00	
Change Over Sub	1.00			3824.00	
Recorder	0.01	8018	Inside	3824.01	
Blank Spacing	62.00			3886.01	
Change Over Sub	1.00			3887.01	
Perforations	10.00			3897.01	
Recorder	0.01	13548	Outside	3897.02	
Bullnose	3.00			3900.02	80.02 Bottom Packers & Anchor

Total Tool Length: 100.02

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WICHITA, KS



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling

Golt Trust Unit 3-14

250 N Water Ste 300
Wichita KS 67202

14 10 24 Graham KS

Job Ticket: 28927

DST#: 2

ATTN: Orlin Phelps

Test Start: 2007.07.31 @ 10:26:32

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

32000 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.17 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1750.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
10.00	100%M	0.049
240.00	MW 93%W 7%M	3.203
15.00	WM SCUM O 35%W 65%M	0.210
15.00	GW&M FREE OIL 6%G 90%O 1%W 3%M	0.210

Total Length: 280.00 ft

Total Volume: 3.672 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

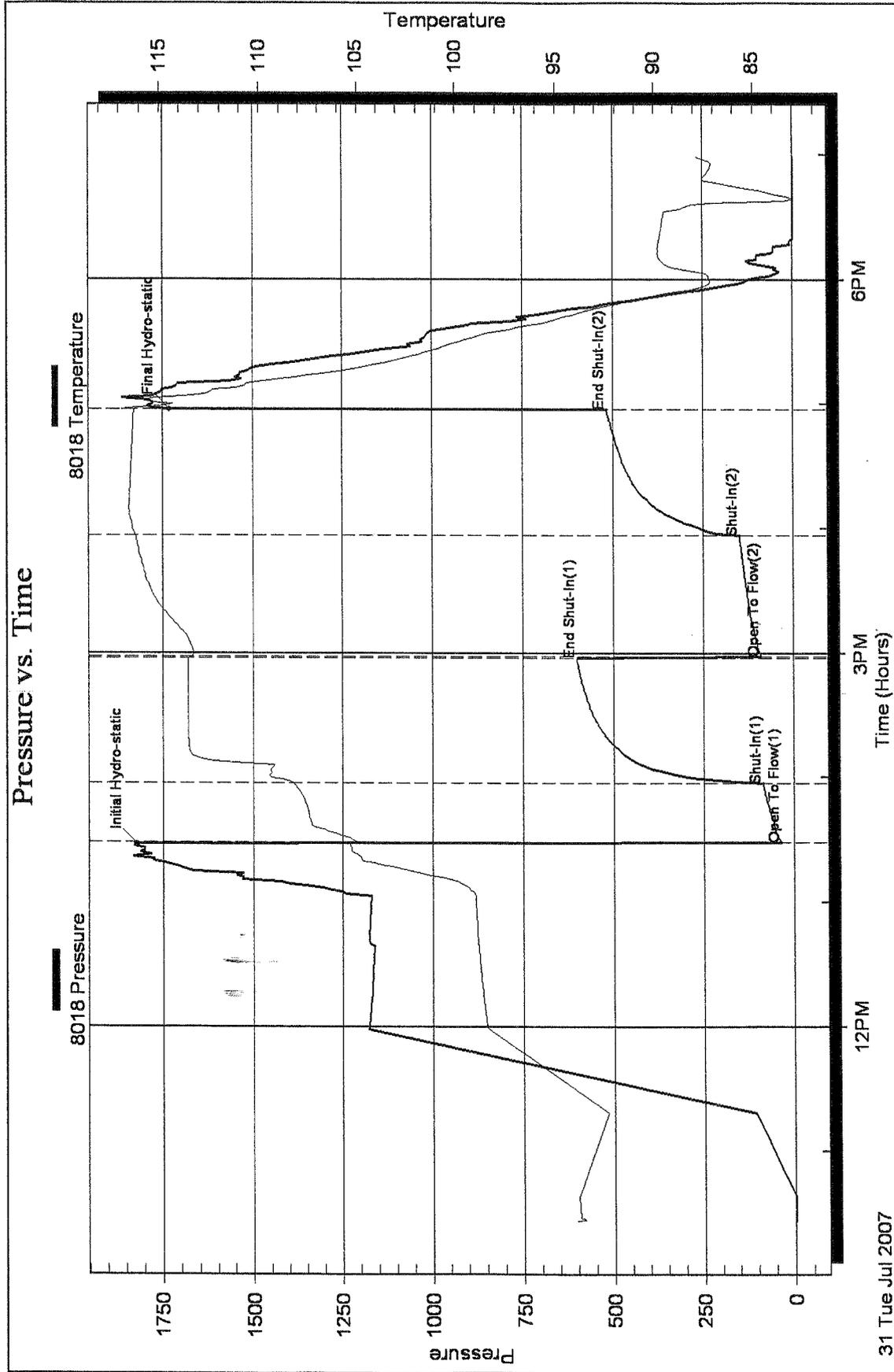
Laboratory Name:

Laboratory Location:

Recovery Comments: 60' GIP

Handwritten notes and signatures in the bottom left corner.

Pressure vs. Time



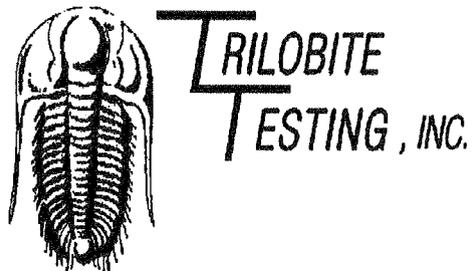
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Printed: 2007.08.02 @ 10:31:45 Page 5

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OPERATING
WICHITA, KS



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling**
250 N Water Ste 300
Wichita KS 67202

ATTN: Orlin Phelps

14 10 24 Graham KS

Golfl Trust Unit 3-14

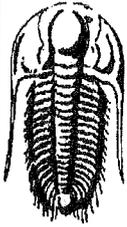
Start Date: 2007.08.01 @ 09:52:53

End Date: 2007.08.01 @ 17:01:47

Job Ticket #: 28928 DST #: 3

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

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WICHITA, KS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202
ATTN: Orlin Phelps

Goltl Trust Unit 3-14
14 10 24 Graham KS
Job Ticket: 28928 **DST#: 3**
Test Start: 2007.08.01 @ 09:52:53

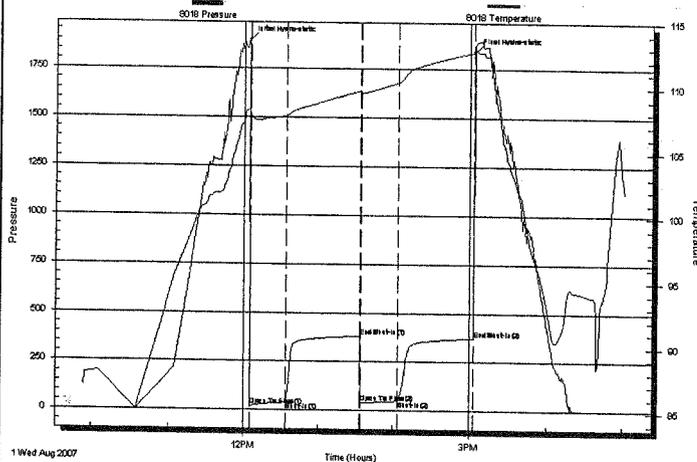
GENERAL INFORMATION:

Formation: **LKC "H-K"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:05:03
Time Test Ended: 17:01:47
Interval: **3913.00 ft (KB) To 3998.00 ft (KB) (TVD)**
Total Depth: 3998.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41
Reference Elevations: 2449.00 ft (KB)
2444.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8018 **Inside**
Press@RunDepth: 49.28 psig @ 3918.01 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.08.01 End Date: 2007.08.01 Last Calib.: 2007.08.01
Start Time: 09:52:53 End Time: 17:01:47 Time On Btm: 2007.08.01 @ 12:04:48
Time Off Btm: 2007.08.01 @ 15:03:47

TEST COMMENT: IFP Weak blow throughout sur - 2 "
ISI No blow back
FFP No blow
FSI No blow back

Pressure vs. Time



PRESSURE SUMMARY

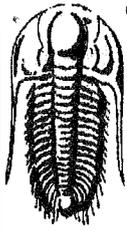
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1894.29	108.33	Initial Hydro-static
1	19.38	107.84	Open To Flow (1)
29	38.49	107.81	Shut-In(1)
89	380.54	109.77	End Shut-In(1)
90	39.93	109.61	Open To Flow (2)
119	49.28	110.40	Shut-In(2)
179	371.11	112.75	End Shut-In(2)
179	1841.23	113.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
68.00	WM 10%W 90%M	0.70
30.00	VSOCM 97%O 3%M	0.42
2.00	M FREE OIL 97%O 3%M	0.03

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling
250 N Water Ste 300
Wichita KS 67202

ATTN: Orlin Phelps

Goldl Trust Unit 3-14
14 10 24 Graham KS
Job Ticket: 28928 **DST#: 3**
Test Start: 2007.08.01 @ 09:52:53

Tool Information

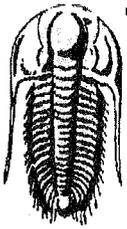
Drill Pipe:	Length: 3894.00 ft	Diameter: 3.80 inches	Volume: 54.62 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 28.00 ft	Diameter: 2.25 inches	Volume: 0.14 bbl	Weight to Pull Loose: 65000.00 lb
			Total Volume: 54.76 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3913.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	85.02 ft			
Tool Length:	105.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3898.00	
Hydraulic tool	5.00			3903.00	
Packer	5.00			3908.00	20.00 Bottom Of Top Packer
Packer	5.00			3913.00	
Stubb	1.00			3914.00	
Perforations	3.00			3917.00	
Change Over Sub	1.00			3918.00	
Recorder	0.01	8018	Inside	3918.01	
Blank Spacing	62.00			3980.01	
Change Over Sub	1.00			3981.01	
Perforations	14.00			3995.01	
Recorder	0.01	13548	Outside	3995.02	
Bullnose	3.00			3998.02	85.02 Bottom Packers & Anchor

Total Tool Length: 105.02

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WICHITA, KS



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling

Golt Trust Unit 3-14

250 N Water Ste 300
Wichita KS 67202

14 10 24 Graham KS

Job Ticket: 28928

DST#: 3

ATTN: Orlin Phelps

Test Start: 2007.08.01 @ 09:52:53

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 7.19 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: 38 deg API

Water Salinity: 31000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
68.00	WM 10%W 90%M	0.699
30.00	VSOCM 97%O 3%M	0.421
2.00	MFREE OIL 97%O 3%M	0.028

Total Length: 100.00 ft Total Volume: 1.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

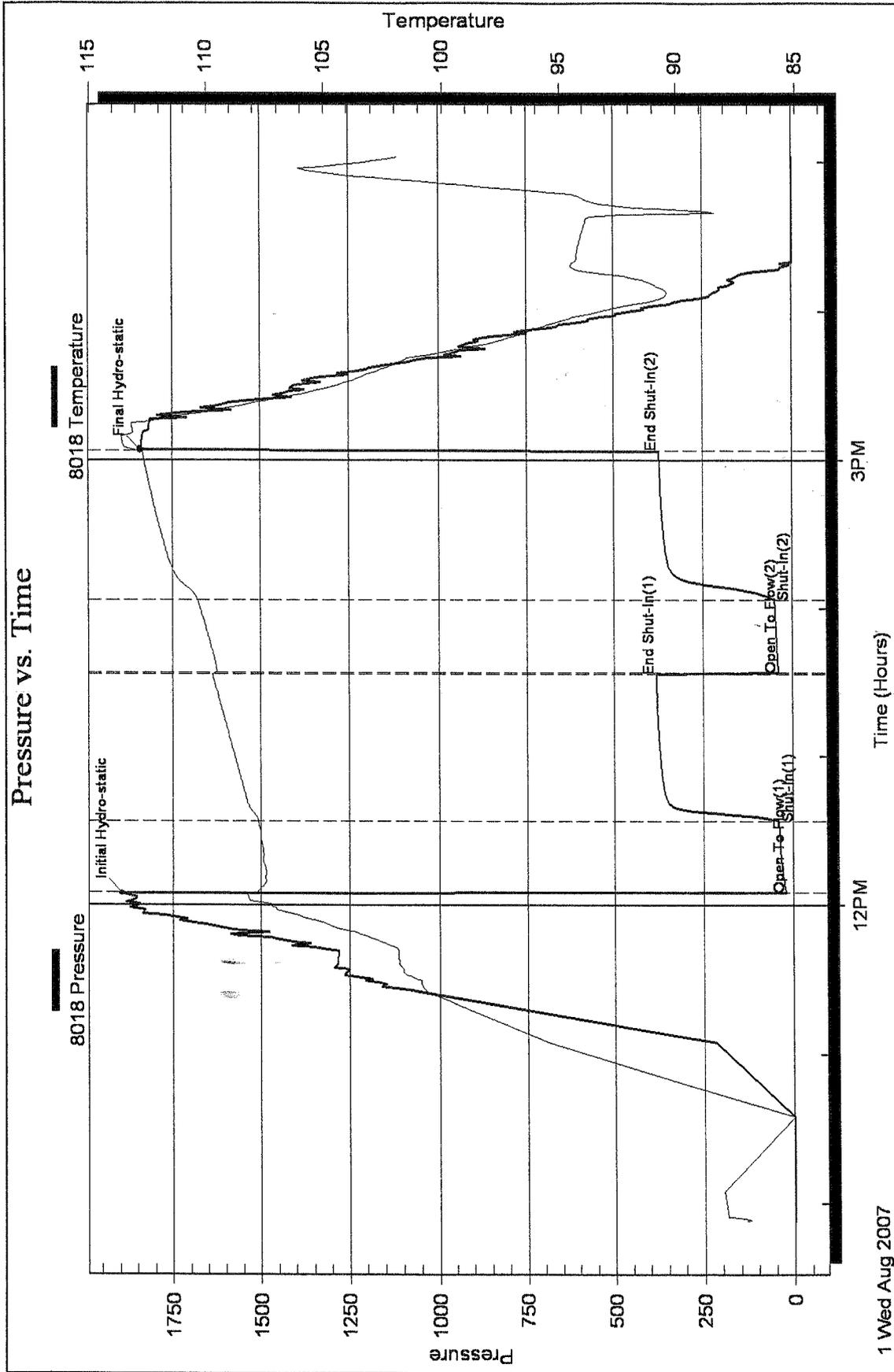
Inside

Murfin Drilling

14 10 24 Graham KS

DST Test Number: 3

Pressure vs. Time



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Ref. No: 28928

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