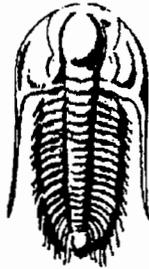


15-101-21892

16-16s-28w



**TRILOBITE
TESTING, INC.**

KCC
NOV 03 2005
CONFIDENTIAL

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company, Inc**

250 N. Water, Suite 300
Wichita, Ks 67202

ATTN: Paul Gunzelman

16-16s-28w Lane

Lawrence 1-16

Start Date: 2005.10.20 @ 12:43:50

End Date: 2005.10.20 @ 19:45:29

Job Ticket #: 22559 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

RECEIVED
NOV 04 2005
KCC WICHITA

Murfin Drilling Company, Inc

Lawrence 1-16

16-16s-28w Lane

DST # 1

LKC "A"

2005.10.20

085-231-01



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Company, Inc Lawrence 1-16

250 N. Water, Suite 300 16-16s-28w Lane
Wichita, Ks 67202

Job Ticket: 22559 DST#: 1

ATTN: Paul Gunzelman Test Start: 2005.10.20 @ 12:43:50

GENERAL INFORMATION:

Formation: LKC "A"
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:49:15
 Time Test Ended: 19:45:29

Interval: 3921.00 ft (KB) To 3946.00 ft (KB) (TVD)
 Total Depth: 3946.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good

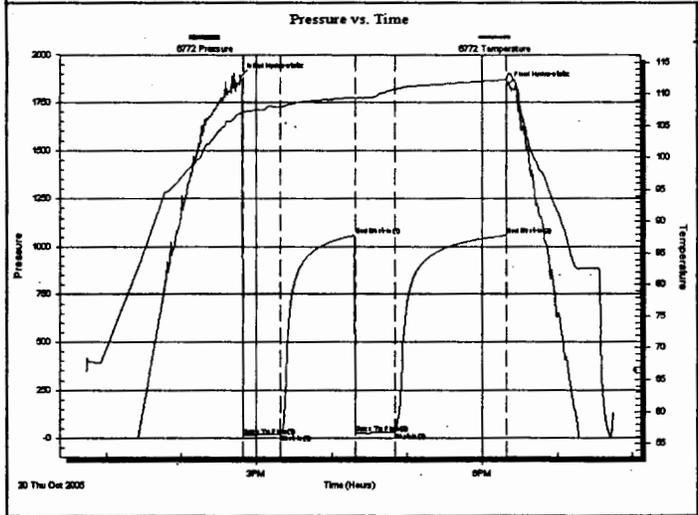
Test Type: Conventional Bottom Hole
 Tester: Brandon Turley
 Unit No: 18

Reference Elevations: 2724.00 ft (KB)
 2719.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6772 Inside

Press@RunDepth: 32.41 psig @ 3922.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2005.10.20 End Date: 2005.10.20 Last Calib.: 1899.12.30
 Start Time: 12:43:50 End Time: 19:45:29 Time On Btm: 2005.10.20 @ 14:47:15
 Time Off Btm: 2005.10.20 @ 18:20:29

TEST COMMENT: F: Surface blow built to a 1/2 died in 15 min.
 IS: No return.
 FF: No blow.
 FS: No return.



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1885.70	107.01	Initial Hydro-static
2	13.24	106.26	Open To Flow (1)
33	23.17	108.02	Shut-In(1)
92	1059.47	109.53	End Shut-In(1)
92	25.06	109.27	Open To Flow (2)
123	32.41	110.79	Shut-In(2)
213	1058.38	112.31	End Shut-In(2)
214	1839.80	112.57	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
10.00	mud-100%m	0.05

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company, Inc
250 N. Water, Suite 300
Wichita, Ks 67202
ATTN: Paul Gunzelman

Lawrence 1-16
16-16s-28w Lane
Job Ticket: 22559 **DST#: 1**
Test Start: 2005.10.20 @ 12:43:50

Tool Information

Drill Pipe:	Length: 3792.00 ft	Diameter: 3.80 inches	Volume: 53.19 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 53.80 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	18.00 ft			String Weight: Initial 48000.00 lb
Depth to Top Packer:	3921.00 ft			Final 48000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	47.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			3900.00	
Shut In Tool	5.00			3905.00	
Hydraulic tool	5.00			3910.00	
Safety Joint	2.00			3912.00	
Packer	5.00		Fluid	3917.00	22.00 Bottom Of Top Packer
Packer	4.00			3921.00	
Stubb	1.00			3922.00	
Recorder	0.00	6772	Inside	3922.00	
Perforations	19.00			3941.00	
Recorder	0.00	7437	Inside	3941.00	
Bullnose	5.00			3946.00	25.00 Bottom Packers & Anchor
Total Tool Length:	47.00				



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company, Inc

Lawrence 1-16

250 N. Water, Suite 300
Wichita, Ks 67202

16-16s-28w Lane

Job Ticket: 22559

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2005.10.20 @ 12:43:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.16 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%m	0.049

Total Length: 10.00 ft

Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6772

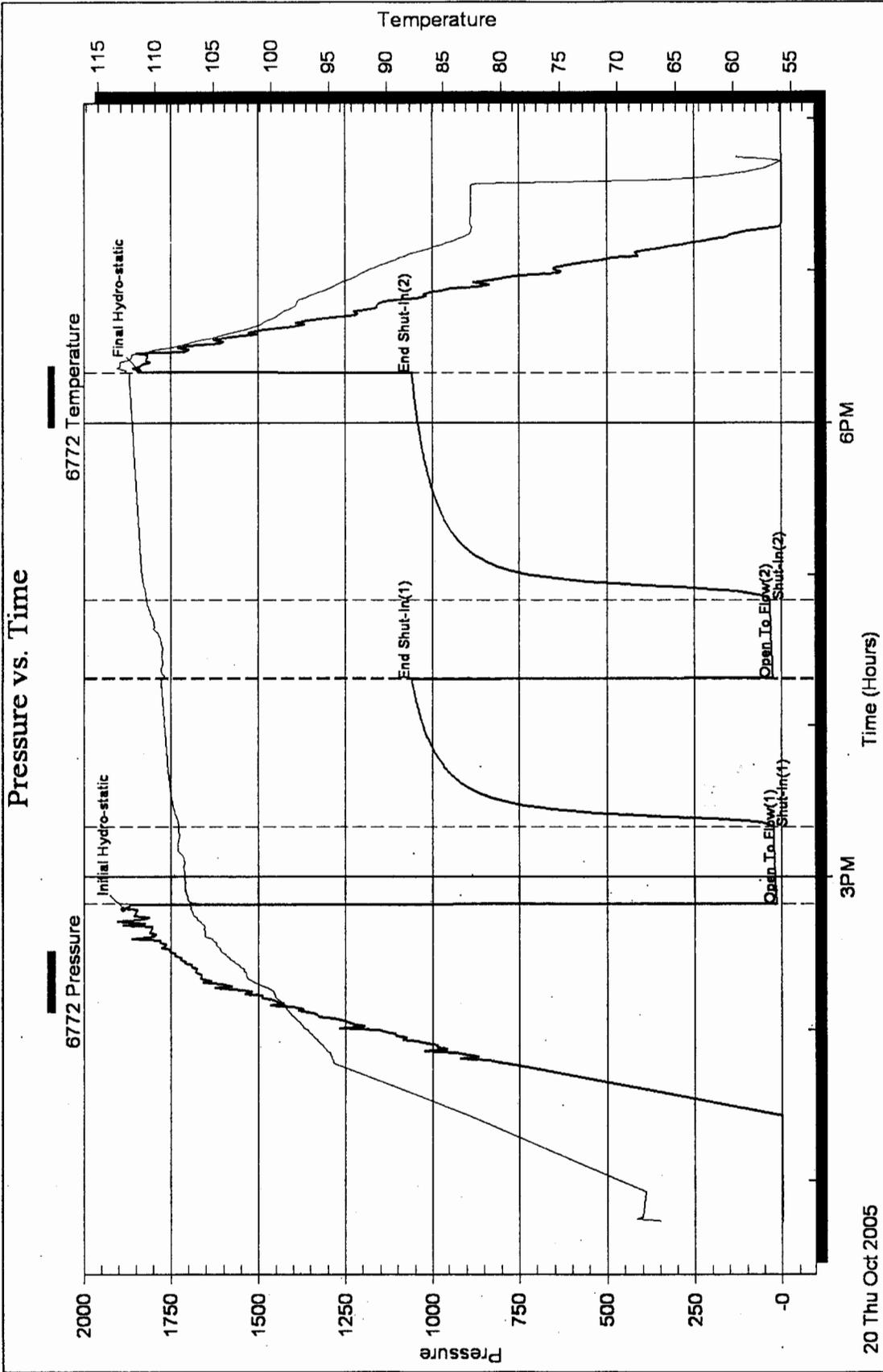
Inside

Murfin Drilling Company, Inc

16-16s-28w Lane

DST Test Number: 1

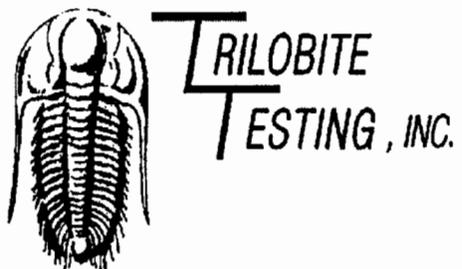
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 22559

Printed: 2005.10.28 @ 11:19:44 Page 5



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company, Inc**

250 N. Water, Suite 300
Wichita, Ks 67202

ATTN: Paul Gunzelman

16-16s-28w Lane

Lawrence 1-16

Start Date: 2005.10.21 @ 21:06:55

End Date: 2005.10.22 @ 05:24:04

Job Ticket #: 22560 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Company, Inc

Lawrence 1-16

250 N. Water, Suite 300
Wichita, Ks 67202

16-16s-28w Lane

ATTN: Paul Gunzelman

Job Ticket: 22560

DST#: 2

Test Start: 2005.10.21 @ 21:06:55

GENERAL INFORMATION:

Formation: KC "H-J"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:26:05

Time Test Ended: 05:24:04

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 18

Interval: 4084.00 ft (KB) To 4176.00 ft (KB) (TVD)

Total Depth: 4176.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2724.00 ft (KB)

2719.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6772

Inside

Press@RunDepth: 178.04 psig @ 4085.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.10.21

End Date:

2005.10.22

Last Calib.: 1899.12.30

Start Time: 21:06:55

End Time:

05:24:04

Time On Btm: 2005.10.21 @ 23:23:50

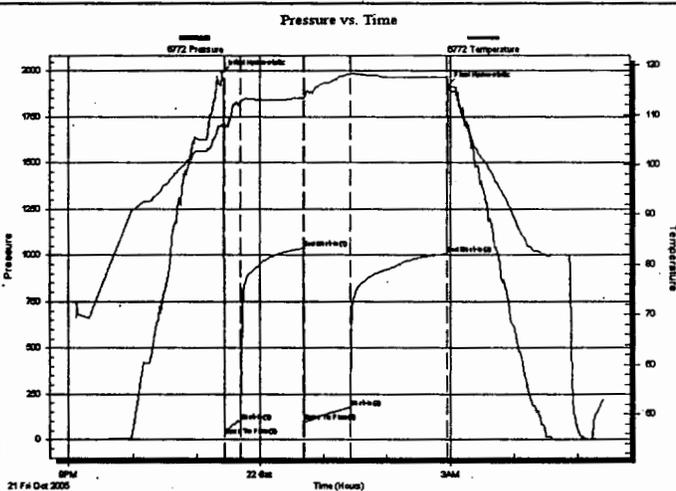
Time Off Btm: 2005.10.22 @ 02:57:49

TEST COMMENT: IF: 1/4 blow built to 8 in 15 min.

IS: No return.

FF: Surface blow BOB in 25 min.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1987.74	107.76	Initial Hydro-static
3	21.59	107.42	Open To Flow (1)
18	98.06	112.53	Shut-In(1)
78	1036.85	113.43	End Shut-In(1)
78	98.32	113.27	Open To Flow (2)
122	178.04	118.16	Shut-In(2)
213	1007.03	117.65	End Shut-In(2)
214	1920.16	116.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	w cm 40%w 60%m	0.61
62.00	w cm 30%w 70%m	0.87
164.00	mud oil spots 100%m	2.30

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company, Inc

250 N. Water, Suite 300
Wichita, Ks 67202

ATTN: Paul Gunzelman

Lawrence 1-16

16-16s-28w Lane

Job Ticket: 22560

DST#: 2

Test Start: 2005.10.21 @ 21:06:55

Tool Information

Drill Pipe:	Length: 3947.00 ft	Diameter: 3.80 inches	Volume: 55.37 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 55.98 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4084.00 ft			Final 51000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	92.00 ft			
Tool Length:	114.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4063.00	
Shut In Tool	5.00			4068.00	
Hydraulic tool	5.00			4073.00	
Safety Joint	2.00			4075.00	
Packer	5.00		Fluid	4080.00	22.00 Bottom Of Top Packer
Packer	4.00			4084.00	
Stubb	1.00			4085.00	
Recorder	0.00	6772	Inside	4085.00	
Perforations	22.00			4107.00	
Change Over Sub	1.00			4108.00	
Drill Pipe	62.00			4170.00	
Change Over Sub	1.00			4171.00	
Recorder	0.00	7437	Inside	4171.00	
Bullnose	5.00			4176.00	92.00 Bottom Packers & Anchor

Total Tool Length: 114.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company, Inc
250 N. Water, Suite 300
Wichita, Ks 67202
ATTN: Paul Gunzelman

Lawrence 1-16
16-16s-28w Lane
Job Ticket: 22560 **DST#: 2**
Test Start: 2005.10.21 @ 21:06:55

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	42000 ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.16 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	w cm 40%w 60%m	0.615
62.00	w cm 30%w 70%m	0.870
164.00	mud oil spots 100%m	2.300

Total Length: 351.00 ft Total Volume: 3.785 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 6772

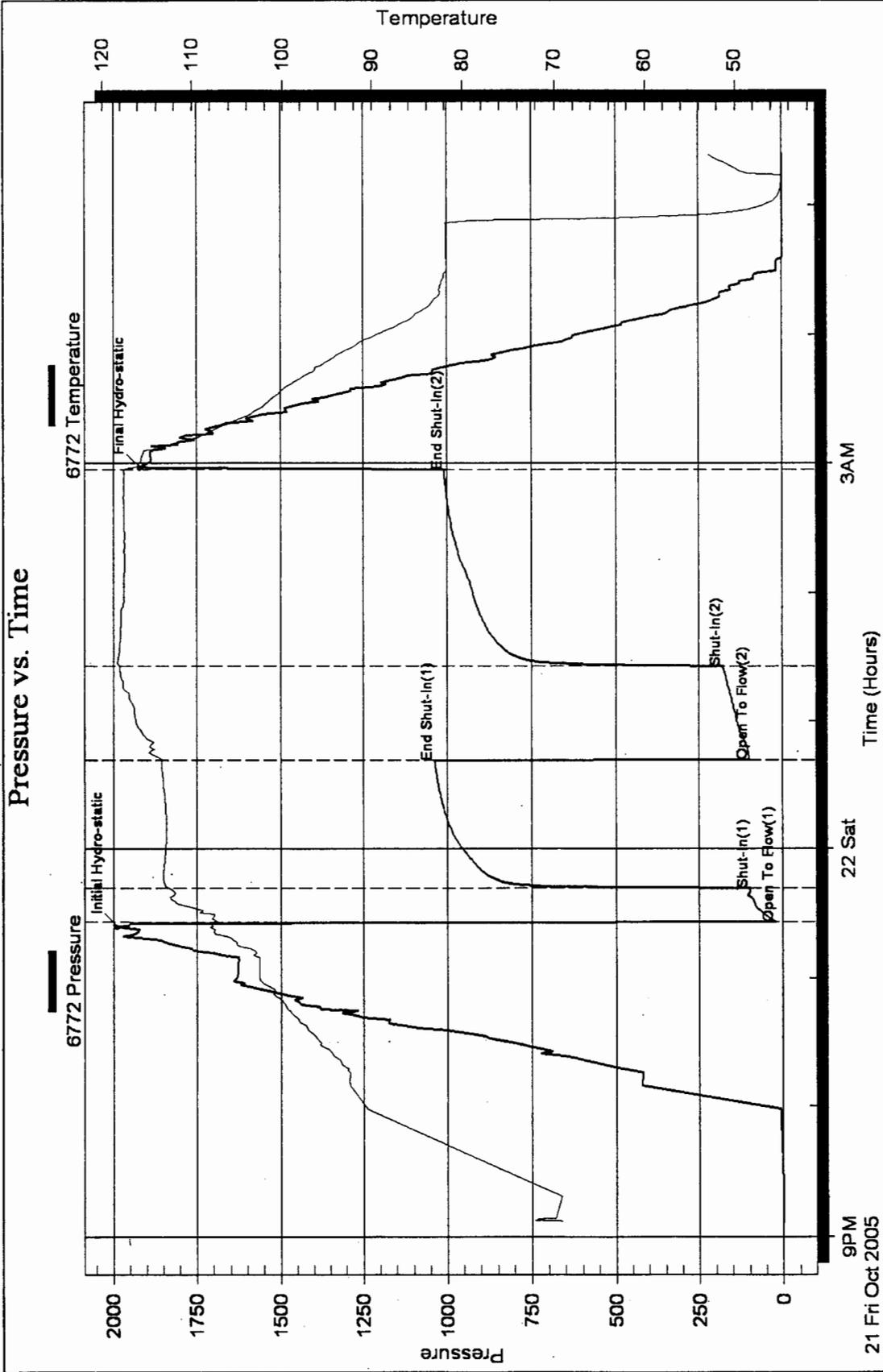
Inside

Murfin Drilling Company, Inc

16-16s-28w Lane

DST Test Number: 2

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company, Inc**

250 N. Water, Suite 300
Wichita, Ks 67202

ATTN: Paul Gunzelman

16-16s-28w Lane

Lawrence 1-16

Start Date: 2005.10.22 @ 17:01:00

End Date: 2005.10.22 @ 23:11:24

Job Ticket #: 22561 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Murfin Drilling Company, Inc

Lawrence 1-16

16-16s-28w Lane

DST # 3

KC "L"

2005.10.22



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Company, Inc

Lawrence 1-16

250 N. Water, Suite 300
Wichita, Ks 67202

16-16s-28w Lane

ATTN: Paul Gunzelman

Job Ticket: 22561

DST#: 3

Test Start: 2005.10.22 @ 17:01:00

GENERAL INFORMATION:

Formation: KC "L"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:16:55

Time Test Ended: 23:11:24

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 18

Interval: 4210.00 ft (KB) To 4250.00 ft (KB) (TVD)

Total Depth: 4250.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2724.00 ft (KB)

2719.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6772

Inside

Press@RunDepth: 34.23 psig @ 4211.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2005.10.22

End Date: 2005.10.22

Last Calib.: 1899.12.30

Start Time: 17:01:00

End Time: 23:11:24

Time On Btm: 2005.10.22 @ 19:14:55

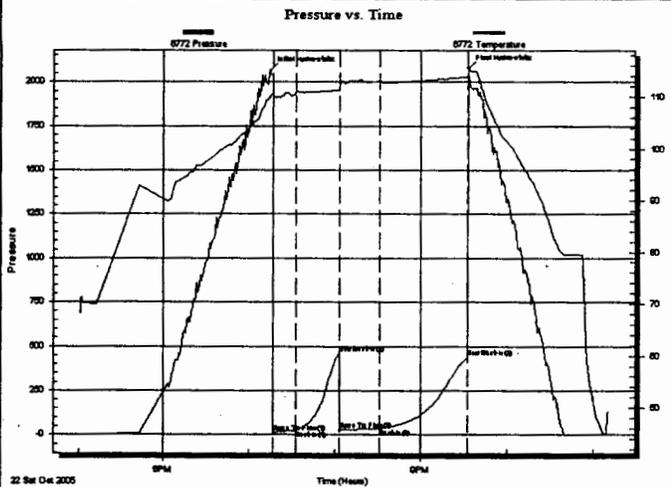
Time Off Btm: 2005.10.22 @ 21:33:09

TEST COMMENT: F: 1/4 blow died in 12 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2064.82	109.89	Initial Hydro-static
2	13.57	110.08	Open To Flow (1)
18	22.81	111.08	Shut-In(1)
48	460.47	111.31	End Shut-In(1)
49	26.65	112.18	Open To Flow (2)
77	34.23	112.97	Shut-In(2)
138	435.76	113.88	End Shut-In(2)
139	2077.71	114.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	ocm 2%o 98% m	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company, Inc

Lawrence 1-16

250 N. Water, Suite 300
Wichita, Ks 67202

16-16s-28w Lane

Job Ticket: 22561

DST#: 3

ATTN: Paul Gunzelman

Test Start: 2005.10.22 @ 17:01:00

Tool Information

Drill Pipe:	Length: 4072.00 ft	Diameter: 3.80 inches	Volume: 57.12 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 57.73 bbl</u>	Tool Chased: 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4210.00 ft			Final 50000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 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
Stubb	1.00			4189.00	
Shut In Tool	5.00			4194.00	
Hydraulic tool	5.00			4199.00	
Safety Joint	2.00			4201.00	
Packer	5.00		Fluid	4206.00	22.00 Bottom Of Top Packer
Packer	4.00			4210.00	
Stubb	1.00			4211.00	
Recorder	0.00	6772	Inside	4211.00	
Perforations	34.00			4245.00	
Recorder	0.00	7437	Inside	4245.00	
Bullnose	5.00			4250.00	40.00 Bottom Packers & Anchor

Total Tool Length: 62.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company, Inc

Lawrence 1-16

250 N. Water, Suite 300
Wichita, Ks 67202

16-16s-28w Lane

Job Ticket: 22561

DST#: 3

ATTN: Paul Gunzelman

Test Start: 2005.10.22 @ 17:01:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.37 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 3100.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	ocm2%o 98% <i>m</i>	0.074

Total Length: 15.00 ft Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

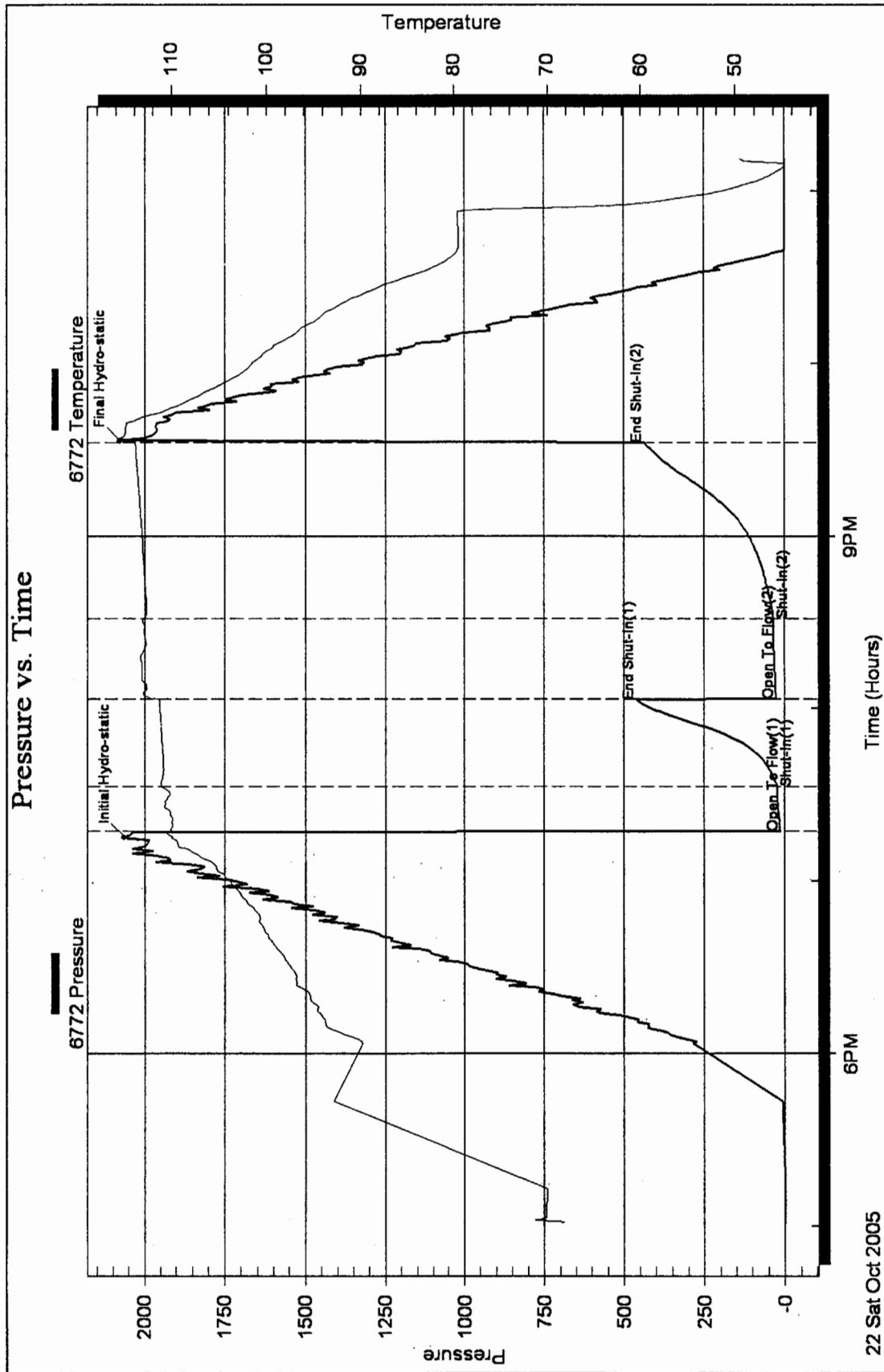
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



22 Sat Oct 2005

6PM

9PM

Time (Hours)



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company, Inc**

250 N. Water, Suite 300
Wichita, Ks 67202

ATTN: Paul Gunzelman

16-16s-28w Lane

Lawrence 1-16

Start Date: 2005.10.24 @ 07:05:27

End Date: 2005.10.24 @ 16:20:07

Job Ticket #: 22562 DST #: 4

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Murfin Drilling Company, Inc

250 N. Water, Suite 300
Wichita, Ks 67202

ATTN: Paul Gunzelman

Lawrence 1-16

16-16s-28w Lane

Job Ticket: 22562

DST#: 4

Test Start: 2005.10.24 @ 07:05:27

GENERAL INFORMATION:

Formation: **Altamont- Ft Scott**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 09:37:37

Time Test Ended: 16:20:07

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 18

Interval: **4332.00 ft (KB) To 4450.00 ft (KB) (TVD)**

Total Depth: **4450.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2724.00 ft (KB)**

2719.00 ft (CF)

KB to GR/CF: **5.00 ft**

Serial #: **6772**

Inside

Press@RunDepth: **161.39 psig @ 4333.00 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2005.10.24**

End Date:

2005.10.24

Last Calib.: **1899.12.30**

Start Time: **07:05:27**

End Time:

16:20:07

Time On Btm: **2005.10.24 @ 09:35:22**

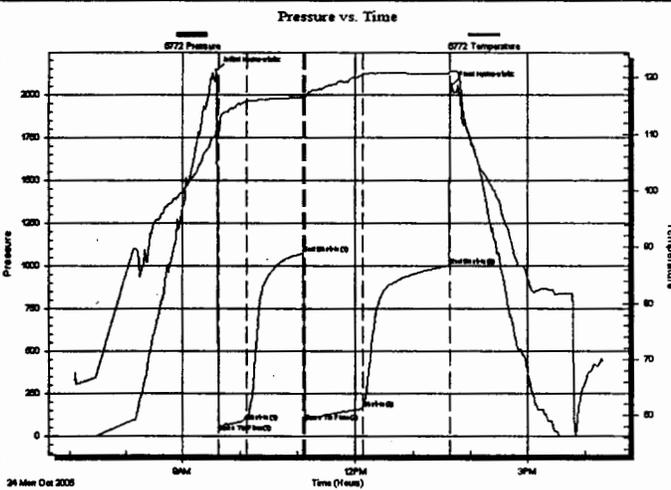
Time Off Btm: **2005.10.24 @ 13:40:22**

TEST COMMENT: **IF: 1/4 blow BOB in 13 min.**

IS: No return.

FF: 1/4 blow BOB in 3 min.

FS: Surface blow built to 2 3/4 in 90 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.74	110.11	Initial Hydro-static
3	22.47	110.78	Open To Flow (1)
32	86.80	115.75	Shut-In(1)
91	1072.94	116.53	End Shut-In(1)
93	83.88	116.66	Open To Flow (2)
153	161.39	120.67	Shut-In(2)
243	1000.74	120.79	End Shut-In(2)
245	2056.79	121.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
125.00	mcgo 50%g 30%o 20%m	0.61
124.00	mcgo 50%g 20%o 30%m	1.74
72.00	ocm 5%o 95%m	1.01

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company, Inc

250 N. Water, Suite 300
Wichita, Ks 67202

ATTN: Paul Gunzelman

Lawrence 1-16

16-16s-28w Lane

Job Ticket: 22562

DST#: 4

Test Start: 2005.10.24 @ 07:05:27

Tool Information

Drill Pipe:	Length: 4199.00 ft	Diameter: 3.80 inches	Volume: 58.90 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 64000.00 lb
		<u>Total Volume:</u>	<u>59.51 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4332.00 ft			Final 54000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	118.00 ft			
Tool Length:	140.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4311.00	
Shut In Tool	5.00			4316.00	
Hydraulic tool	5.00			4321.00	
Safety Joint	2.00			4323.00	
Packer	5.00		Fluid	4328.00	22.00 Bottom Of Top Packer
Packer	4.00			4332.00	
Stubb	1.00			4333.00	
Recorder	0.00	6772	Inside	4333.00	
Perforations	18.00			4351.00	
Change Over Sub	1.00			4352.00	
Drill Pipe	92.00			4444.00	
Change Over Sub	1.00			4445.00	
Recorder	0.00	7437	Inside	4445.00	
Bullnose	5.00			4450.00	118.00 Bottom Packers & Anchor

Total Tool Length: 140.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company, Inc

Lawrence 1-16

250 N. Water, Suite 300
Wichita, Ks 67202

16-16s-28w Lane

Job Ticket: 22562

DST#: 4

ATTN: Paul Gunzelman

Test Start: 2005.10.24 @ 07:05:27

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.58 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2600.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
125.00	mcgo 50%g 30%o 20%m	0.615
124.00	mcgo 50%g 20%o 30%m	1.739
72.00	ocm 5%o 95%m	1.010

Total Length: 321.00 ft Total Volume: 3.364 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

