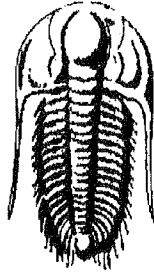


15-109-20801

22-12s-33w

IND



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company**

250 N Water Ste 300
Wichita KS 67202

**CONFIDENTIAL
JUL 07 2008**

KCC

ATTN: Paul Gunzelman

22 12S 33W Logan KS

Moore # 1-22

Start Date: 2008.03.22 @ 16:43:26

End Date: 2008.03.23 @ 00:59:05

Job Ticket #: 29483 DST #: 1

Murfin Drilling Company

Moore # 1-22

22 12S 33W Logan KS

DST # 1

Lansing E-F

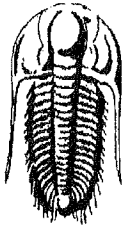
2008.03.22

**RECEIVED
KANSAS CORPORATION COMMISSION**

JUL 09 2008

**CONSERVATION DIVISION
WICHITA, KS**

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 Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

ATTN: Paul Gunzelman

Job Ticket: 29483

DST#: 1

Test Start: 2008.03.22 @ 16:43:26

GENERAL INFORMATION:

Formation: **Lansing E-F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:17:21

Time Test Ended: 00:59:05

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **4140.00 ft (KB) To 4174.00 ft (KB) (TVD)**

Total Depth: 4174.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3125.00 ft (KB)

3120.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6772 Outside

Press@RunDepth: 156.65 psig @ 4141.00 ft (KB)

Start Date: 2008.03.22

End Date: 2008.03.23

Capacity: 7000.00 psig

Last Callb.: 2008.03.22

Start Time: 16:43:26

End Time: 00:59:05

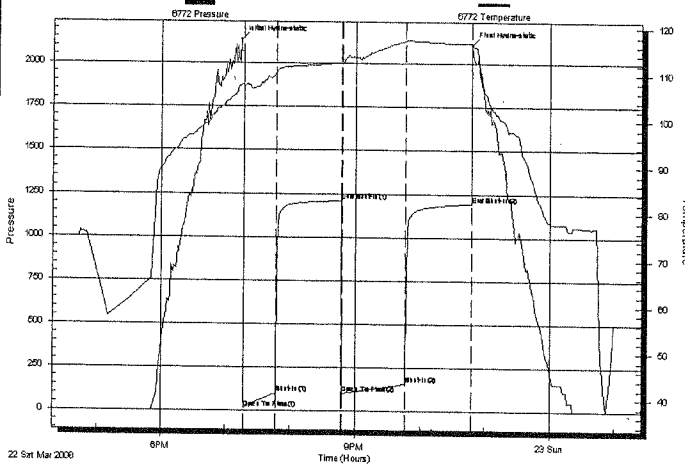
Time On Btm: 2008.03.22 @ 19:14:51

Time Off Btm: 2008.03.22 @ 22:47:50

TEST COMMENT: IF 1/4 blow built to 7 in 30 min.
IS No return
FF Surface blow BOB in 54 min.
FS No return

Handwritten notes:
100% O
100% O

Pressure vs. Time



PRESSURE SUMMARY

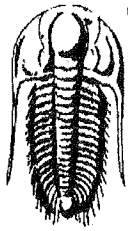
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2134.46	107.60	Initial Hydro-static
3	15.67	107.37	Open To Flow (1)
33	99.08	110.32	Shut-In(1)
92	1208.27	112.47	End Shut-In(1)
93	101.22	112.22	Open To Flow (2)
152	156.65	117.20	Shut-In(2)
213	1192.96	116.69	End Shut-In(2)
213	2105.37	116.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	McW 80%W 20%M	0.89
124.00	WcM 20%W 80%M	1.74
5.00	100%O	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

Job Ticket: 29483

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2008.03.22 @ 16:43:26

Tool Information

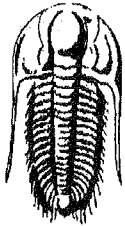
Drill Pipe:	Length: 3953.00 ft	Diameter: 3.80 inches	Volume: 55.45 bbl	Tool Weight:	1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose:	70000.00 lb
			<u>Total Volume: 56.34 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	4140.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	34.00 ft				
Tool Length:	56.00 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			4119.00	
Shut In Tool	5.00			4124.00	
Hydraulic tool	5.00			4129.00	
Safety Joint	2.00			4131.00	
Packer	5.00			4136.00	22.00 Bottom Of Top Packer
Packer	4.00			4140.00	
Stubb	1.00			4141.00	
Recorder	0.00	6769	Inside	4141.00	
Recorder	0.00	6772	Outside	4141.00	
Perforations	28.00			4169.00	
Bullnose	5.00			4174.00	34.00 Bottom Packers & Anchor

Total Tool Length: 56.00

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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

Job Ticket: 29483

DST#: 1

ATTN: Paul Gunzelman

Test Start: 2008.03.22 @ 16:43:26

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 60.00 sec/qt

Water Loss: 6.78 in³

Resistivity: 0.00 ohm.m

Salinity: 7900.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

0 deg API

Water Salinity:

51000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	McW 80%W 20%M	0.885
124.00	WcM 20%W 80%M	1.739
5.00	100%O	0.070

Total Length: 309.00 ft

Total Volume: 2.694 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

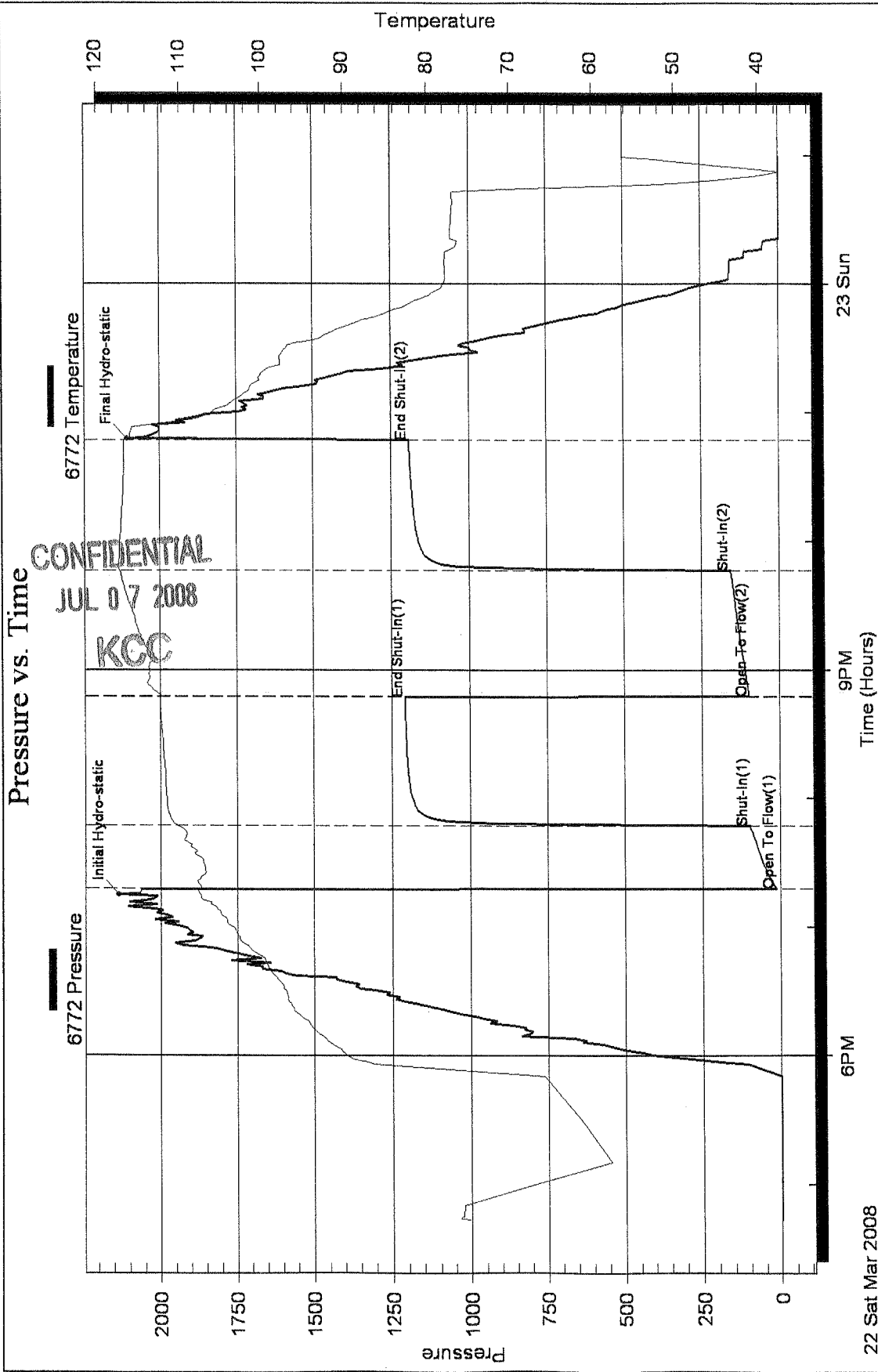
Laboratory Name:

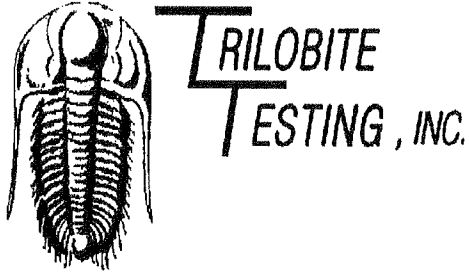
Laboratory Location:

Recovery Comments:

Handwritten notes:
180 - 21000
124 - 50000

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company**

250 N Water Ste 300
Wichita KS 67202

ATTN: Paul Gunzelman

22 12S 33W Logan KS

Moore # 1-22

Start Date: 2008.03.23 @ 12:05:05

End Date: 2008.03.23 @ 18:43:14

Job Ticket #: 29484 DST #: 2

CONFIDENTIAL

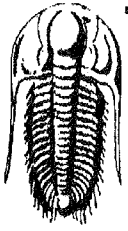
JUL 07 2008

KCC

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 Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

Job Ticket: 29484

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2008.03.23 @ 12:05:05

GENERAL INFORMATION:

Formation: **KC-H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:00:15

Time Test Ended: 18:43:14

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4216.00 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: 3125.00 ft (KB)

3120.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6772 Outside

Press@RunDepth: 59.80 psig @ 4217.00 ft (KB)

Start Date: 2008.03.23

End Date: 2008.03.23

Start Time: 12:05:05

End Time: 18:43:14

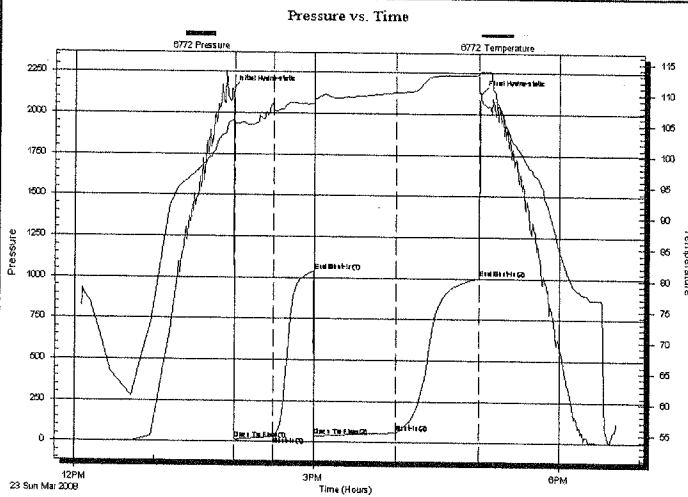
Capacity: 7000.00 psig

Last Calib.: 2008.03.23

Time On Btm: 2008.03.23 @ 13:58:30

Time Off Btm: 2008.03.23 @ 17:01:14

TEST COMMENT: IF 1/4 blow built to 1 in 30 min.
IS No return
FF Surface blow built to 3 in 60 min.
FS No return



PRESSURE SUMMARY

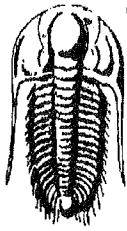
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2138.56	105.59	Initial Hydro-static
2	14.30	105.05	Open To Flow (1)
32	32.13	107.46	Shut-In(1)
62	1040.60	108.36	End Shut-In(1)
62	36.85	108.37	Open To Flow (2)
121	59.80	110.24	Shut-In(2)
182	1002.20	113.17	End Shut-In(2)
183	2124.67	113.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OcM 10%O 90%M	0.30
50.00	GO 10%G 90%O	0.25

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

Job Ticket: 29484

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2008.03.23 @ 12:05:05

Tool Information

Drill Pipe:	Length: 4046.00 ft	Diameter: 3.80 inches	Volume: 56.75 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	57.64 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4216.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	34.00 ft			
Tool Length:	56.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

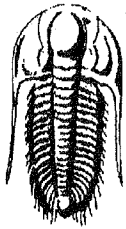
Tool Description Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Stubb	1.00			4195.00	
Shut In Tool	5.00			4200.00	
Hydraulic Tool	5.00			4205.00	
Safety Joint	2.00			4207.00	
Packer	5.00			4212.00	22.00 Bottom Of Top Packer
Packer	4.00			4216.00	
Stubb	1.00			4217.00	
Recorder	0.00	6769	Inside	4217.00	
Recorder	0.00	6772	Outside	4217.00	
Perforations	28.00			4245.00	
Bullnose	5.00			4250.00	34.00 Bottom Packers & Anchor

Total Tool Length: 56.00

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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

Job Ticket: 29484

DST#: 2

ATTN: Paul Gunzelman

Test Start: 2008.03.23 @ 12:05:05

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 6.78 in³

Resistivity: 0.00 ohm.m

Salinity: 8100.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

36 deg API

Water Salinity:

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	OcM 10%O 90%M	0.295
50.00	GO 10%G 90%O	0.246

Total Length: 110.00 ft

Total Volume: 0.541 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

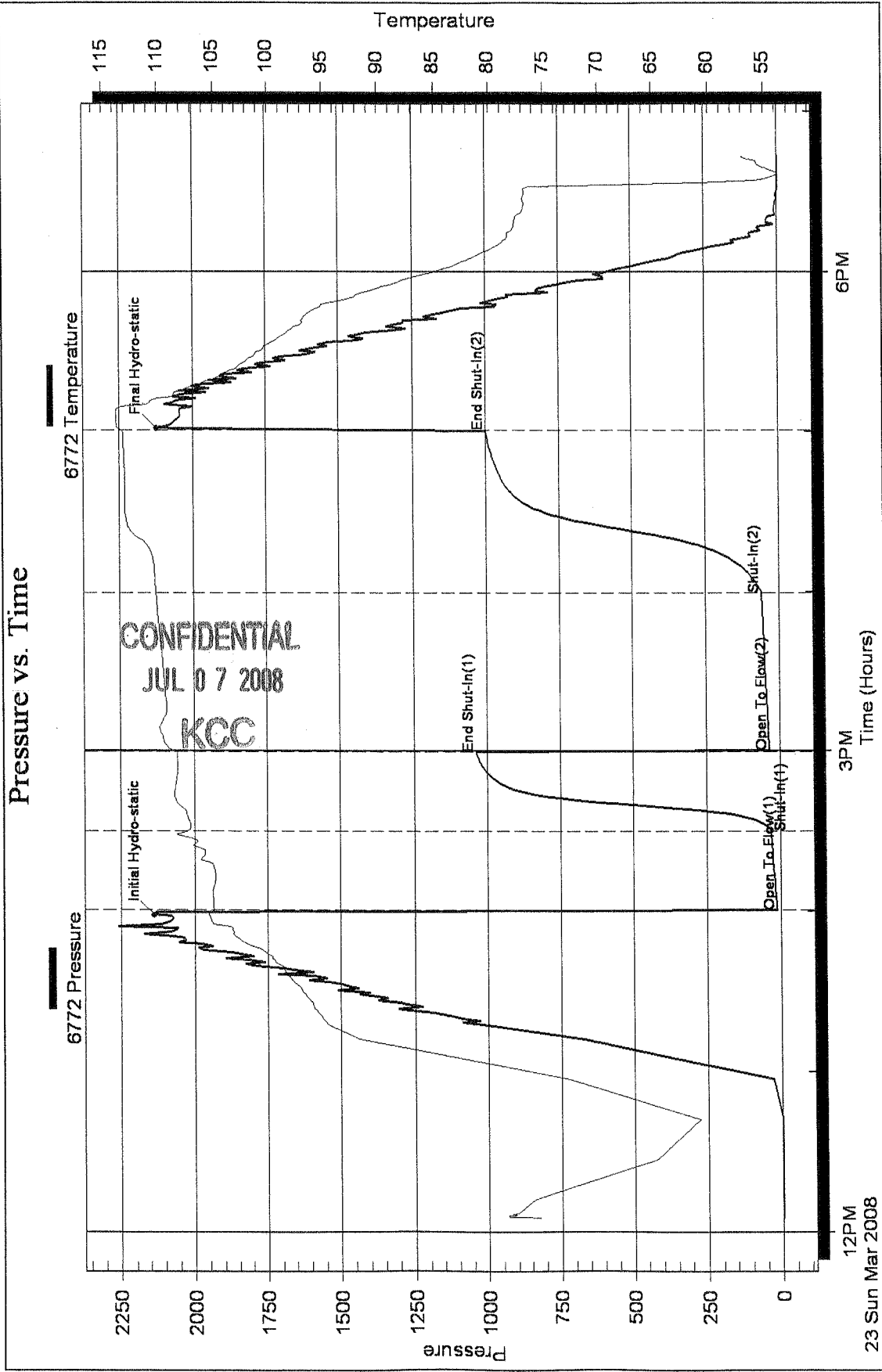
Laboratory Name:

Laboratory Location:

Recovery Comments:

[Faint, illegible text]

Pressure vs. Time



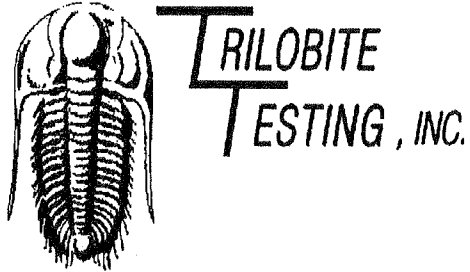
23 Sun Mar 2008

12PM

3PM

6PM

Time (Hours)



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company**

250 N Water Ste 300
Wichita KS 67202

ATTN: Paul Gunzelman

22 12S 33W Logan KS

Moore # 1-22

Start Date: 2008.03.24 @ 04:30:54

End Date: 2008.03.24 @ 12:35:48

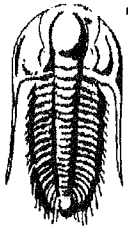
Job Ticket #: 29485 DST #: 3

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JUL 07 2008
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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 Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

Job Ticket: 29485

DST#: 3

ATTN: Paul Gunzelman

Test Start: 2008.03.24 @ 04:30:54

GENERAL INFORMATION:

Formation: **KC- J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:38:34

Time Test Ended: 12:35:48

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4276.00 ft (KB) To 4300.00 ft (KB) (TVD)

Total Depth: 4300.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3125.00 ft (KB)

3120.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6772 Outside

Press@RunDepth: 104.33 psig @ 4277.00 ft (KB)

Start Date: 2008.03.24

End Date:

2008.03.24

Capacity: 7000.00 psig

Last Calib.: 2008.03.24

Start Time: 04:30:54

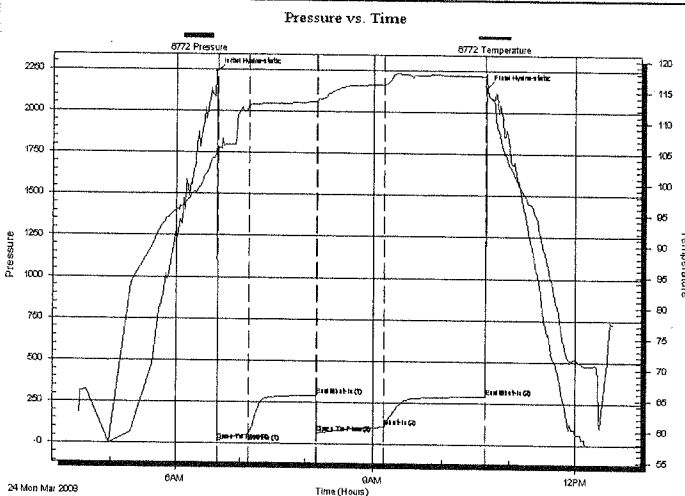
End Time:

12:35:48

Time On Btm: 2008.03.24 @ 06:37:04

Time Off Btm: 2008.03.24 @ 10:39:48

TEST COMMENT: IF 1/4 blow built to 6 in 30 min.
IS No return
FF 1/4 blow built to 6 in 60 min.
FS No return



PRESSURE SUMMARY

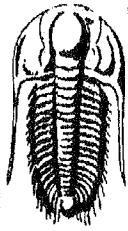
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2233.28	105.11	Initial Hydro-static
2	13.92	105.31	Open To Flow (1)
31	60.10	112.68	Shut-In(1)
92	292.10	113.27	End Shut-In(1)
93	65.20	113.34	Open To Flow (2)
152	104.33	116.14	Shut-In(2)
242	290.71	117.54	End Shut-In(2)
243	2143.73	117.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	McW 90%W 10%M	0.59
79.00	OcWM 2%O 48%W 50%M	0.56
1.00	Free Oil 100%O	0.01

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

ATTN: Paul Gunzelman

Job Ticket: 29485

DST#: 3

Test Start: 2008.03.24 @ 04:30:54

Tool Information

Drill Pipe:	Length: 4079.00 ft	Diameter: 3.80 inches	Volume: 57.22 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 80000.00 lb
			<u>Total Volume: 58.11 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4276.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

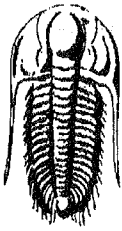
Tool Description

Length (ft) Serial No. Position Depth (ft) Accum. Lengths

Stubb	1.00			4255.00	
Shut In Tool	5.00			4260.00	
Hydraulic Tool	5.00			4265.00	
Safety Joint	2.00			4267.00	
Packer	5.00			4272.00	22.00 Bottom Of Top Packer
Packer	4.00			4276.00	
Stubb	1.00			4277.00	
Recorder	0.00	6769	Inside	4277.00	
Recorder	0.00	6772	Outside	4277.00	
Perforations	18.00			4295.00	
Bullnose	5.00			4300.00	24.00 Bottom Packers & Anchor

Total Tool Length: 46.00

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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

Job Ticket: 29485

DST#: 3

ATTN: Paul Gunzelman

Test Start: 2008.03.24 @ 04:30:54

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 6.79 in³

Resistivity: 0.00 ohm.m

Salinity: 8100.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

0 deg API

Water Salinity: 36000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	McW 90%W 10%M	0.590
79.00	OcWM 2%O 48%W 50%M	0.562
1.00	Free Oil 100%O	0.014

Total Length: 200.00 ft

Total Volume: 1.166 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

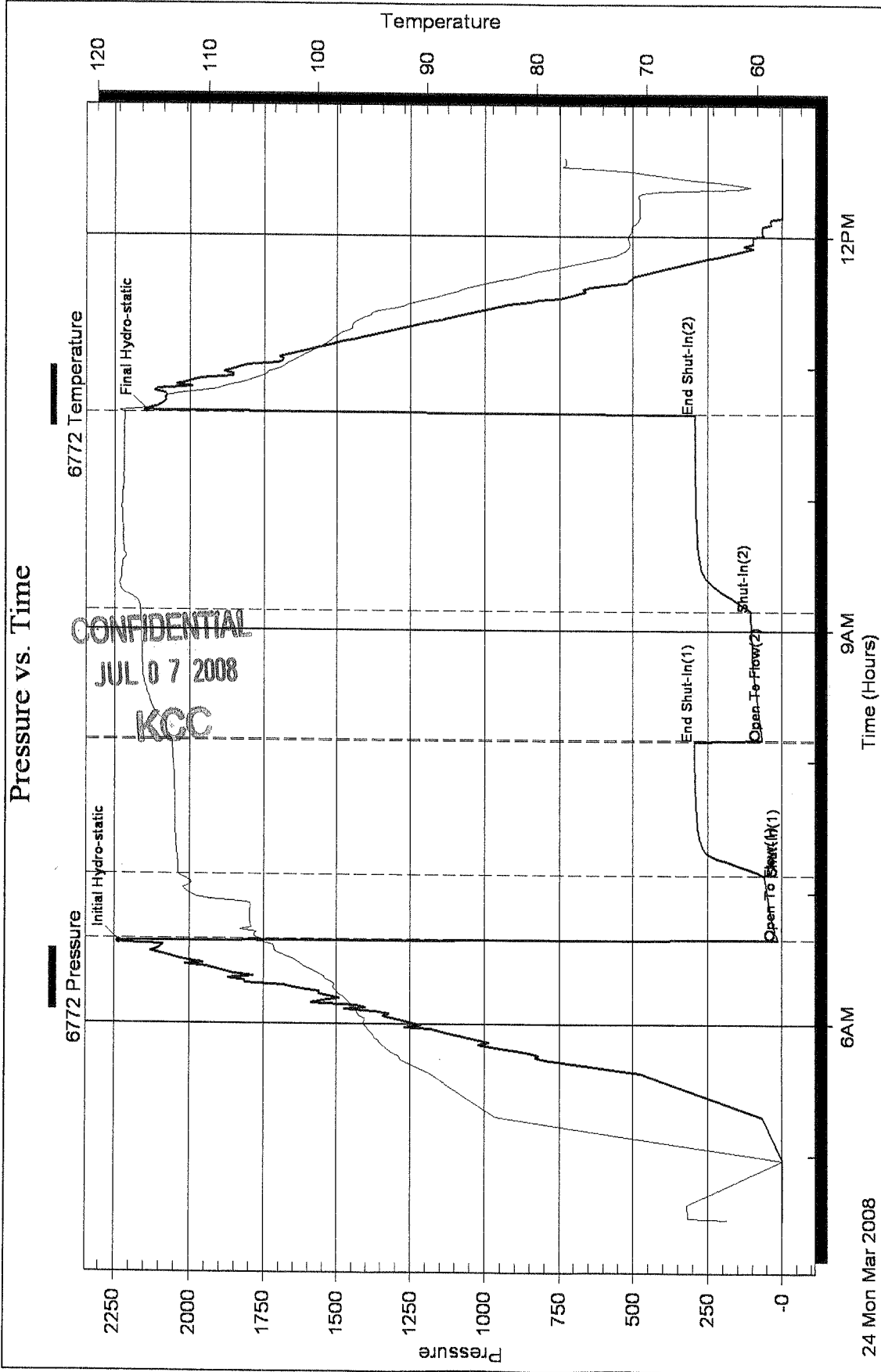
Laboratory Name:

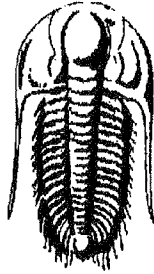
Laboratory Location:

Recovery Comments:

29485-1-22
MOORE # 1-22

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Company**

250 N Water Ste 300
Wichita KS 67202

ATTN: Paul Gunzelman

22 12S 33W Logan KS

Moore # 1-22

Start Date: 2008.03.25 @ 23:28:22

End Date: 2008.03.26 @ 07:46:31

Job Ticket #: 29486 DST #: 4

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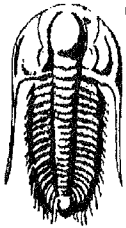
JUL 07 2008

KCC

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 Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

ATTN: Paul Gunzelman

Job Ticket: 29486

DST#: 4

Test Start: 2008.03.25 @ 23:28:22

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:33:47

Time Test Ended: 07:46:31

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: **4600.00 ft (KB) To 4663.00 ft (KB) (TVD)**

Reference Elevations: 3125.00 ft (KB)

Total Depth: 4663.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 5.00 ft

Serial #: 6772 Outside

Press@RunDepth: 59.97 psig @ 4601.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.03.25

End Date:

2008.03.26

Last Calib.: 2008.03.26

Start Time: 23:28:22

End Time:

07:46:31

Time On Btm: 2008.03.26 @ 01:31:32

Time Off Btm: 2008.03.26 @ 05:36:01

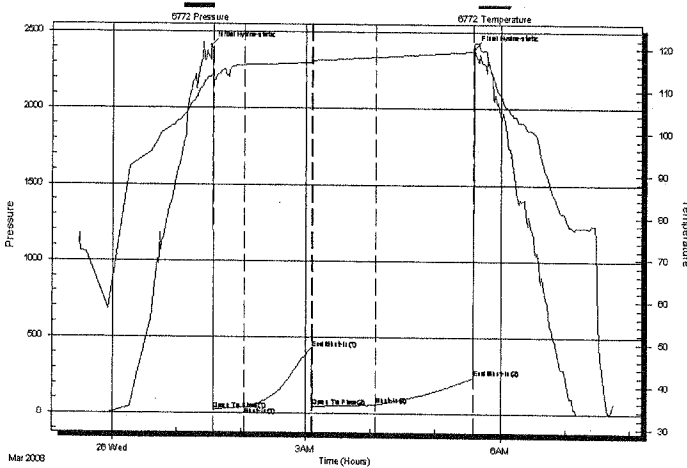
TEST COMMENT: IF 1/4 blow built to 2 in 30 min.

IS No return

FF 1/4 blow built to 2 1/2 in 60 min.

FS No return

Pressure vs. Time



PRESSURE SUMMARY

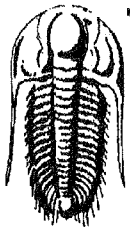
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2407.61	113.57	Initial Hydro-static
3	18.51	112.69	Open To Flow (1)
32	38.01	116.02	Shut-In(1)
94	427.56	116.75	End Shut-In(1)
95	43.95	116.96	Open To Flow (2)
154	59.97	117.97	Shut-In(2)
244	238.70	119.40	End Shut-In(2)
245	2392.45	121.17	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	OcM 10%O 90%M	0.34

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

Job Ticket: 29486

DST#: 4

ATTN: Paul Gunzelman

Test Start: 2008.03.25 @ 23:28:22

Tool Information

Drill Pipe:	Length: 4425.00 ft	Diameter: 3.80 inches	Volume: 62.07 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: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 80000.00 lb
		Total Volume:	62.96 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	4600.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	63.00 ft			
Tool Length:	90.00 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			4574.00	
Shut In Tool	5.00			4579.00	
Hydraulic tool	5.00			4584.00	
Jars	5.00			4589.00	
Safety Joint	2.00			4591.00	
Packer	5.00			4596.00	27.00 Bottom Of Top Packer
Packer	4.00			4600.00	
Stubb	1.00			4601.00	
Recorder	0.00	6769	Inside	4601.00	
Recorder	0.00	6772	Outside	4601.00	
Perforations	23.00			4624.00	
Change Over Sub	1.00			4625.00	
Drill Pipe	32.00			4657.00	
Change Over Sub	1.00			4658.00	
Bullnose	5.00			4663.00	63.00 Bottom Packers & Anchor

Total Tool Length: 90.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Company

Moore # 1-22

250 N Water Ste 300
Wichita KS 67202

22 12S 33W Logan KS

Job Ticket: 29486

DST#: 4

ATTN: Paul Gunzelman

Test Start: 2008.03.25 @ 23:28:22

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 6.80 in³

Resistivity: 0.00 ohm.m

Salinity: 8900.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

0 deg API

0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	OcM 10%O 90%M	0.344

Total Length: 70.00 ft

Total Volume: 0.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Handwritten notes:
2008.03.25
23:28:22

Pressure vs. Time

