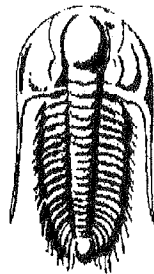


15-153-20856

8-2s-35w

IND



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

CONFIDENTIAL
JUN 20 2008
KCC

ATTN: Bob Stolzle

8 2S 35W Rawlins KS

Jones #1-8

Start Date: 2008.02.27 @ 02:46:42

End Date: 2008.02.27 @ 11:44:12

Job Ticket #: 31546 DST #: 1

RECEIVED
KANSAS CORPORATION COMMISSION

JUN 23 2008

CONSERVATION DIVISION
WICHITA, KS

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

Murfin Drilling Co Inc

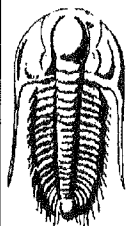
Jones #1-8

8 2S 35W Rawlins KS

DST # 1

LKC "A-D"

2008.02.27



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolze

Jones #1-8

8 2S 35W Rawlins KS

Job Ticket: 31546

DST#: 1

Test Start: 2008.02.27 @ 02:46:42

GENERAL INFORMATION:

Formation: **LKC "A-D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:54:12

Time Test Ended: 11:44:12

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 20

Interval: **4125.00 ft (KB) To 4265.00 ft (KB) (TVD)**

Total Depth: 4265.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3265.00 ft (KB)

3260.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8366

Inside

Press@RunDepth: 1188.55 psig @ 4126.00 ft (KB)

Start Date: 2008.02.27

End Date:

2008.02.27

Start Time: 02:46:47

End Time:

11:44:12

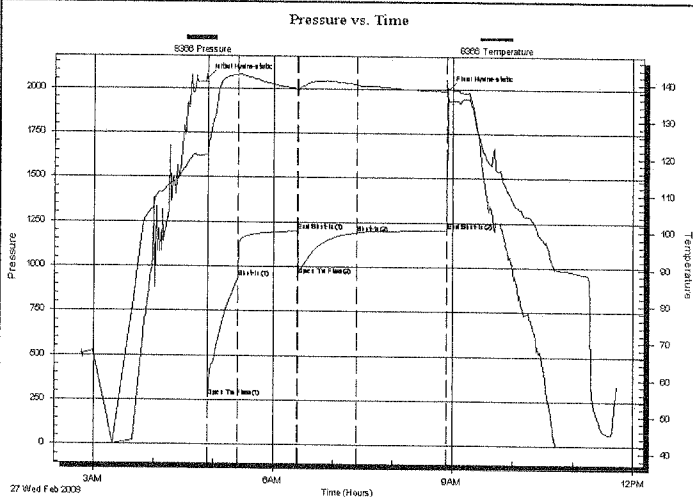
Capacity: 7000.00 psig

Last Calib.: 2008.02.27

Time On Btm: 2008.02.27 @ 04:53:42

Time Off Btm: 2008.02.27 @ 08:55:42

TEST COMMENT: IF Very strong blow BOB in 1 min
ISI Bled off No blow back
FF Very strong blow BOB in 1 1/2 min
FSI Bled off No blow back



PRESSURE SUMMARY

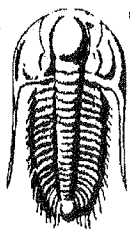
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2058.38	120.97	Initial Hydro-static
1	266.71	120.90	Open To Flow (1)
31	934.04	142.40	Shut-In (1)
91	1198.93	138.71	End Shut-In (1)
91	951.38	138.48	Open To Flow (2)
151	1188.55	139.88	Shut-In (2)
241	1206.03	138.14	End Shut-In (2)
242	2000.80	135.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	WCM w/trace of oil 61%w, 39%m	0.59
1600.00	SMCW w/trace of oil 95%w, 5%m	19.68
480.00	SGWCM w/trace of O 75%M 17%W 8%G	6.73
430.00	100%M w/trace of O	6.03
0.00	RW .258 OHMS @ 65.3 deg F	0.00
0.00		0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolze

Jones #1-8

8 2S 35W Rawlins KS

Job Ticket: 31546

DST#: 1

Test Start: 2008.02.27 @ 02:46:42

Tool Information

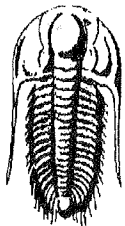
Drill Pipe:	Length: 3708.00 ft	Diameter: 3.80 inches	Volume: 52.01 bbl	Tool Weight:	3000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 423.00 ft	Diameter: 2.25 inches	Volume: 2.08 bbl	Weight to Pull Loose:	82000.00 lb
		Total Volume:	54.09 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	29.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	4125.00 ft			Final	76000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	140.00 ft				
Tool Length:	163.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4107.00	
Hydraulic tool	5.00			4112.00	
Safety Joint	3.00			4115.00	
Packer	5.00			4120.00	23.00 Bottom Of Top Packer
Packer	5.00			4125.00	
Stubb	1.00			4126.00	
Recorder	0.00	8366	Inside	4126.00	
Recorder	0.00	6672	Inside	4126.00	
Perforations	10.00			4136.00	
Change Over Sub	1.00			4137.00	
Drill Pipe	121.00			4258.00	
Change Over Sub	1.00			4259.00	
Perforations	3.00			4262.00	
Bullnose	3.00			4265.00	140.00 Bottom Packers & Anchor

Total Tool Length: 163.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Jones #1-8

250 N Water Ste 300
Wichita KS 67202

8 2S 35W Rawlins KS

Job Ticket: 31546

DST#: 1

ATTN: Bob Stolze

Test Start: 2008.02.27 @ 02:46:42

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 5.99 in³

Resistivity: ohm.m

Salinity: 600.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	WCM w/trace of oil 61%w, 39%o	0.590
1600.00	SMCW w/trace of oil 95%w, 5%o	19.684
480.00	SGWCM w/trace of O 75%M 17%W 8%G	6.733
430.00	100%M w/trace of O	6.032
0.00	RW .258 OHMS@ 65.3 deg F	0.000
0.00		0.000

Total Length: 2630.00 ft

Total Volume: 33.039 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

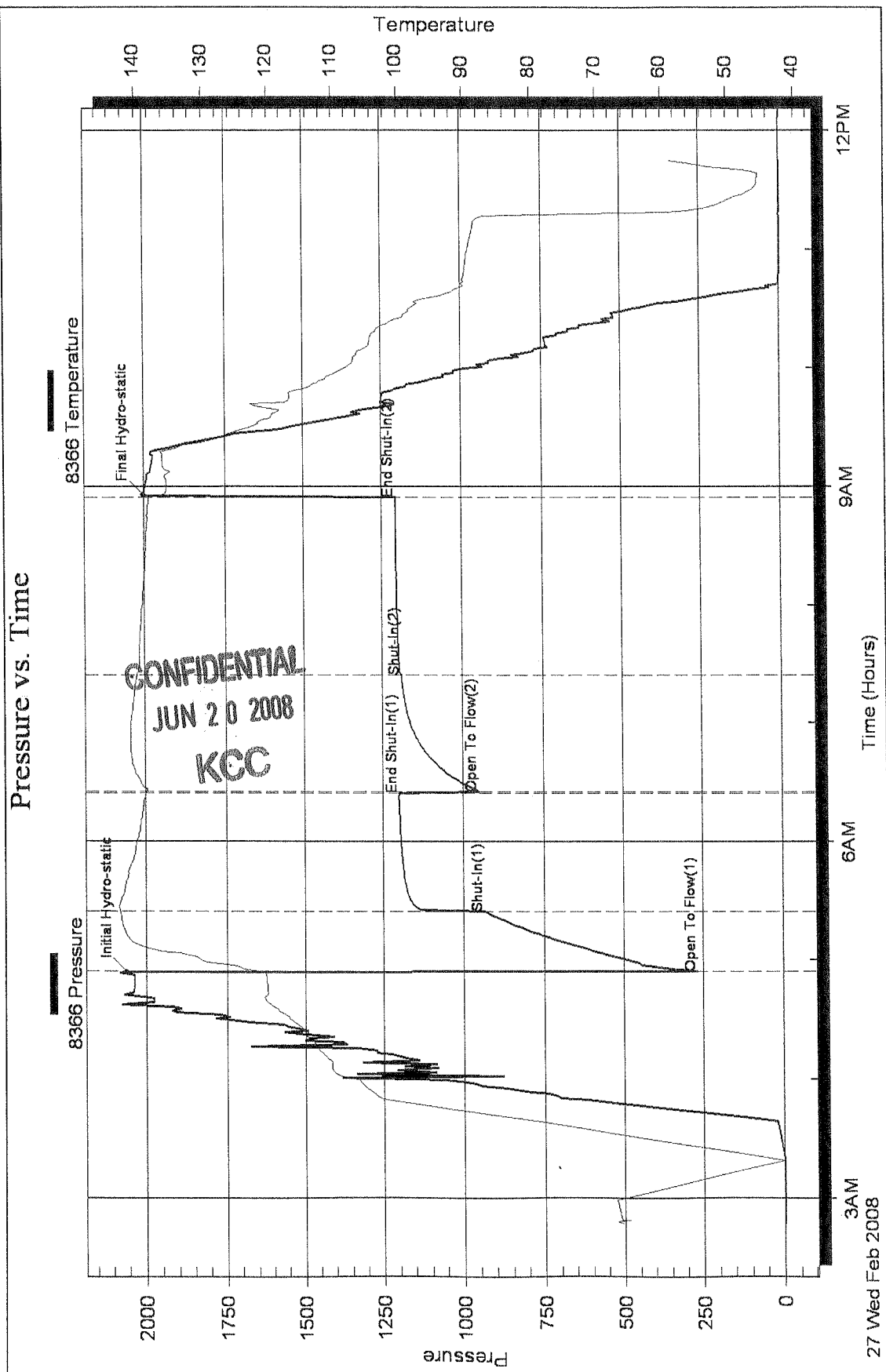
8 2S 35W Raw lins KS

Murfin Drilling Co Inc

Inside

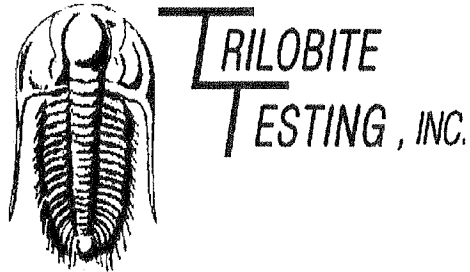
Serial #: 8366

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 31546



DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolze

8 2S 35W Rawlins KS

Jones #1-8

Start Date: 2008.02.27 @ 13:41:26

End Date: 2008.02.27 @ 21:27:56

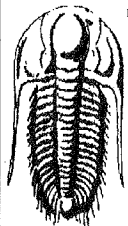
Job Ticket #: 31547 DST #: 2

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JUN 20 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 Co Inc
250 N Water Ste 300
Wichita KS 67202
ATTN: Bob Stolzle

Jones #1-8

8 2S 35W Rawlins KS

Job Ticket: 31547

DST#: 2

Test Start: 2008.02.27 @ 13:41:26

GENERAL INFORMATION:

Formation: **LKC "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:19:26

Time Test Ended: 21:27:56

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 20

Interval: **4215.00 ft (KB) To 4265.00 ft (KB) (TVD)**

Total Depth: 4265.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3265.00 ft (KB)

3260.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8366

Inside

Press@RunDepth: 911.16 psig @ 4216.00 ft (KB)

Start Date: 2008.02.27

End Date: 2008.02.27

Start Time: 13:41:31

End Time: 21:27:55

Capacity: 7000.00 psig

Last Calib.: 2008.02.27

Time On Btm: 2008.02.27 @ 15:18:56

Time Off Btm: 2008.02.27 @ 18:52:26

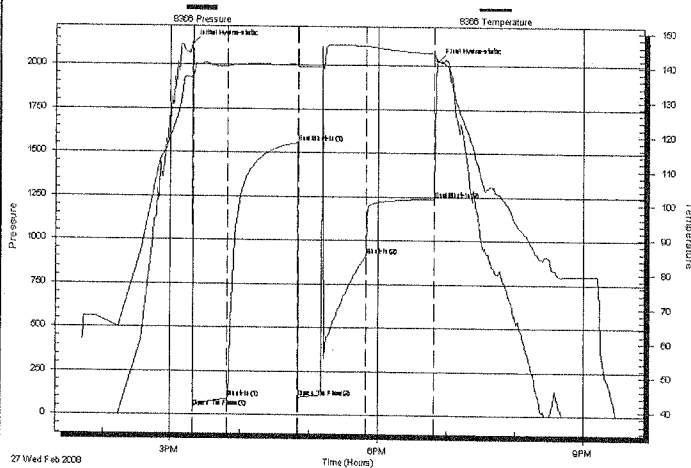
TEST COMMENT: IF Fair blow built to 8 "

ISI Bled off No blow back

FF Weak blow built to 1 1/2 " in 25 min. Very strong blow BOB for rest of open (35 min)

FSI Bled off No blow back

Pressure vs. Time



PRESSURE SUMMARY

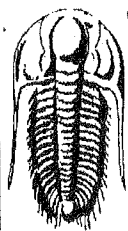
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2116.85	137.42	Initial Hydro-static
1	43.51	137.33	Open To Flow (1)
31	93.39	140.11	Shut-In(1)
90	1553.62	140.72	End Shut-In(1)
91	99.86	140.13	Open To Flow (2)
151	911.16	146.17	Shut-In(2)
211	1239.25	144.04	End Shut-In(2)
214	2023.67	141.95	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
1568.00	Water 99%W 1%M	18.14
155.00	SGMW 57%W 40%M 3%G w/trace O	2.17
217.00	SGWCM 63%M 34%W 3%G w/trace O	3.04

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolzle

Jones #1-8

8 2S 35W Rawlins KS

Job Ticket: 31547

DST#: 2

Test Start: 2008.02.27 @ 13:41:26

Tool Information

Drill Pipe:	Length: 3799.00 ft	Diameter: 3.80 inches	Volume: 53.29 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: 423.00 ft	Diameter: 2.25 inches	Volume: 2.08 bbl	Weight to Pull Loose:	95000.00 lb
		Total Volume:	55.37 bbl	Tool Chased	1.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial	64000.00 lb
Depth to Top Packer:	4215.00 ft			Final	76000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	50.00 ft				
Tool Length:	73.00 ft				
Number of Packers:	2	Diameter:	6.75 inches		

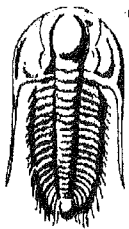
Tool Comments:

IF Tool set on 8' of fill

FF tool slid the 8' to bottom hole took about 20' of M

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4197.00	
Hydraulic tool	5.00			4202.00	
Safety Joint	3.00			4205.00	
Packer	5.00			4210.00	23.00 Bottom Of Top Packer
Packer	5.00			4215.00	
Stubb	1.00			4216.00	
Recorder	0.00	8366	Inside	4216.00	
Recorder	0.00	6672	Inside	4216.00	
Perforations	10.00			4226.00	
Change Over Sub	1.00			4227.00	
Drill Pipe	31.00			4258.00	
Change Over Sub	1.00			4259.00	
Perforations	3.00			4262.00	
Bullnose	3.00			4265.00	50.00 Bottom Packers & Anchor

Total Tool Length: 73.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Jones #1-8

250 N Water Ste 300
Wichita KS 67202

8 2S 35W Rawlins KS

Job Ticket: 31547

DST#: 2

ATTN: Bob Stolze

Test Start: 2008.02.27 @ 13:41:26

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: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1568.00	Water 99%W 1%M	18.142
155.00	SGMW 57%W 40%M 3%G w/trace O	2.174
217.00	SGWCM 63%M 34%W 3%G w/trace O	3.044

Total Length: 1940.00 ft

Total Volume: 23.360 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

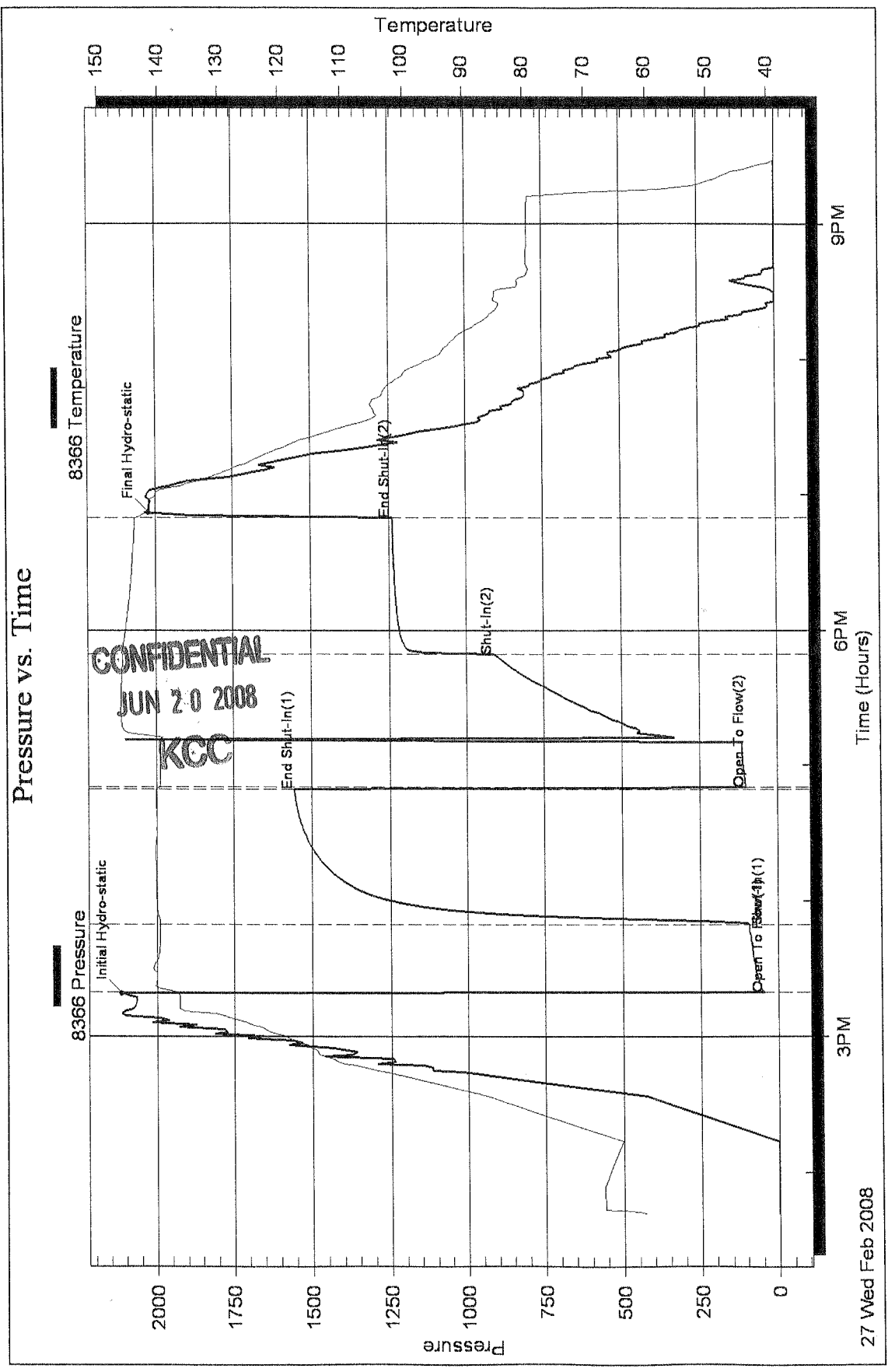
Serial #:

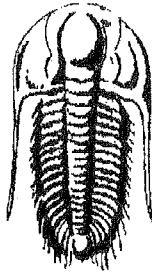
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolzle

8 2S 35W Rawlins KS

Jones #1-8

Start Date: 2008.02.28 @ 08:02:45

End Date: 2008.02.28 @ 16:32:15

Job Ticket #: 31548 DST #: 3

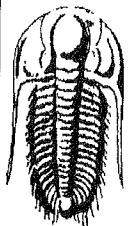
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JUN 23 2008

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 Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolzle

Jones #1-8

8 2S 35W Rawlins KS

Job Ticket: 31548

DST#: 3

Test Start: 2008.02.28 @ 08:02:45

GENERAL INFORMATION:

Formation: **LKC "G-H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:10:45

Time Test Ended: 16:32:15

Interval: **4313.00 ft (KB) To 4370.00 ft (KB) (TVD)**

Total Depth: 4370.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: James Winder

Unit No: 20

Reference Elevations: 3265.00 ft (KB)

3260.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8366

Inside

Press@RunDepth: 449.69 psig @ 4314.00 ft (KB)

Start Date: 2008.02.28

End Date: 2008.02.28

Start Time: 08:02:50

End Time: 16:32:14

Capacity: 7000.00 psig

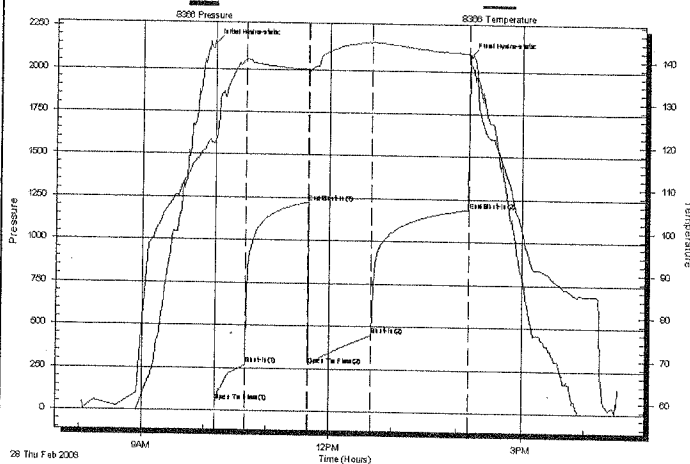
Last Calib.: 2008.02.28

Time On Btm: 2008.02.28 @ 10:10:15

Time Off Btm: 2008.02.28 @ 14:11:45

TEST COMMENT: IF Strong blow BOB in 8 min.
ISI Bled off Weak blow back built to 1/4 " dead in 30 min.
FF Strong blow BOB in 11 min.
FSI Bled off Weak blow back built to 1/4 " dead in 35 min.

Pressure vs. Time



PRESSURE SUMMARY

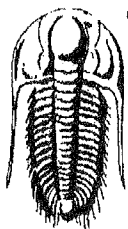
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2150.35	121.00	Initial Hydro-static
1	52.05	120.89	Open To Flow (1)
30	269.84	139.83	Shut-In (1)
90	1224.22	137.60	End Shut-In (1)
91	274.81	137.26	Open To Flow (2)
150	449.69	144.14	Shut-In (2)
240	1189.65	141.74	End Shut-In (2)
242	2085.32	139.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
641.00	SMCW w/trace oil 97%w, 3% m	5.14
154.00	SGOCWM 46%M 44%W 8%O 2%G	2.16
178.00	SGOWCM 59%M 28%W 10%O 3%G	2.50
2.00	Clean Oil	0.03
0.00	RVV=.300 OHMS@ 61.5 deg F	0.00
0.00	Chlorides = 27,500 ppm	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolze

Jones #1-8

8 2S 35W Rawlins KS

Job Ticket: 31548

DST#: 3

Test Start: 2008.02.28 @ 08:02:45

Tool Information

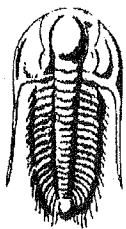
Drill Pipe:	Length: 3894.00 ft	Diameter: 3.80 inches	Volume: 54.62 bbl	Tool Weight:	2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length: 423.00 ft	Diameter: 2.25 inches	Volume: 2.08 bbl	Weight to Pull Loose:	80000.00 lb
		Total Volume:	56.70 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial	65000.00 lb
Depth to Top Packer:	4313.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	57.00 ft				
Tool Length:	80.00 ft				
Number of Packers:	2	Diameter: 3.75 inches			

Tool Comments:

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Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4295.00	
Hydraulic tool	5.00			4300.00	
Safety Joint	3.00			4303.00	
Packer	5.00			4308.00	23.00 Bottom Of Top Packer
Packer	5.00			4313.00	
Stubb	1.00			4314.00	
Recorder	0.00	8366	Inside	4314.00	
Recorder	0.00	6672	Inside	4314.00	
Perforations	17.00			4331.00	
Change Over Sub	1.00			4332.00	
Drill Pipe	31.00			4363.00	
Change Over Sub	1.00			4364.00	
Perforations	3.00			4367.00	
Bullnose	3.00			4370.00	57.00 Bottom Packers & Anchor
Total Tool Length:		80.00			



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Murfin Drilling Co Inc

Jones #1-8

250 N Water Ste 300
Wichita KS 67202

8 2S 35W Rawlins KS

Job Ticket: 31548

DST#: 3

ATTN: Bob Stolze

Test Start: 2008.02.28 @ 08:02:45

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 6.79 in³

Resistivity: ohm.m

Salinity: 1900.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
641.00	SMCW w /trace oil 97%w , 3%m	5.138
154.00	SGOCWM 46%M 44%W 8%O 2%G	2.160
178.00	SGOWCM 59%M 28%W 10%O 3%G	2.497
2.00	Clean Oil	0.028
0.00	RW=.300 OHMS@ 61.5 deg F	0.000
0.00	Chlorides = 27,500 ppm	0.000

Total Length: 975.00 ft

Total Volume: 9.823 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

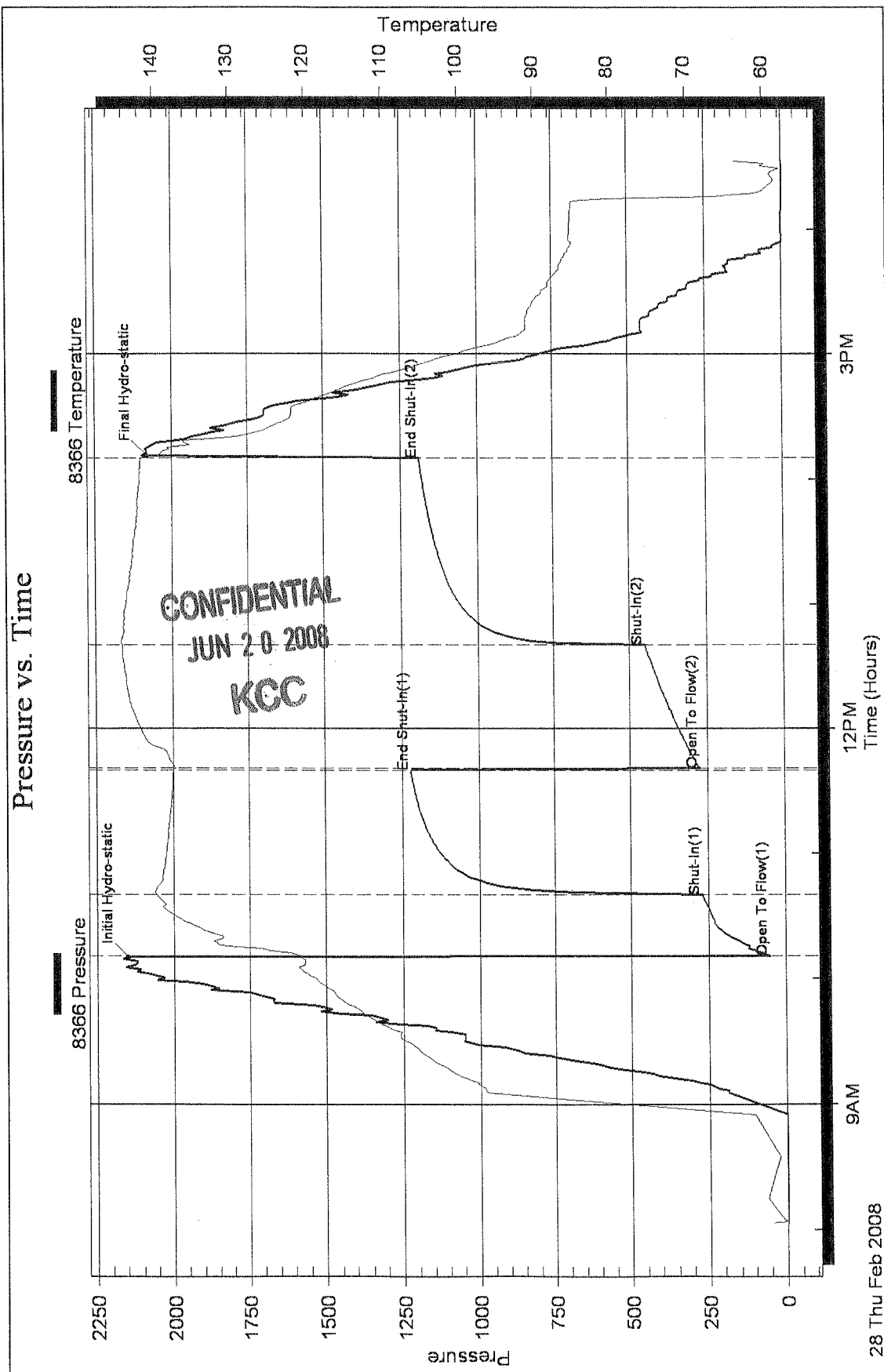
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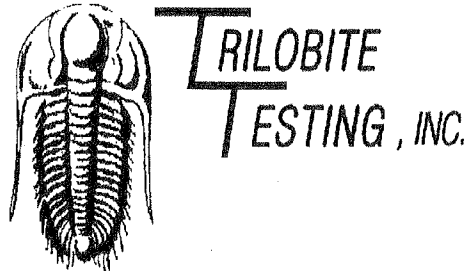
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Murfin Drilling Co Inc**

250 N Water Ste 300
Wichita KS 67202

CONFIDENTIAL
JUN 20 2008

KCC

ATTN: Bob Stolzle

8 2S 35W Rawlins KS

Jones #1-8

Start Date: 2008.02.28 @ 23:06:59

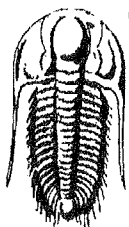
End Date: 2008.02.29 @ 06:54:59

Job Ticket #: 31549 DST #: 4

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 Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolze

Jones #1-8

8 2S 35W Rawlins KS

Job Ticket: 31549

DST#: 4

Test Start: 2008.02.28 @ 23:06:59

GENERAL INFORMATION:

Formation: **LKC "J"**

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

Time Tool Opened: 01:08:59

Time Test Ended: 06:54:59

Test Type: **Conventional Bottom Hole**

Tester: **James Winder**

Unit No: **20**

Interval: 4368.00 ft (KB) To 4410.00 ft (KB) (TVD)

Total Depth: **4410.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **3265.00 ft (KB)**

3260.00 ft (CF)

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

Serial #: 8366

Inside

Press@RunDepth: **48.58 psig @ 4369.00 ft (KB)**

Start Date: **2008.02.28**

End Date:

2008.02.29

Start Time: **23:07:04**

End Time:

06:54:58

Capacity: **7000.00 psig**

Last Calib.: **2008.02.29**

Time On Btm: **2008.02.29 @ 01:08:29**

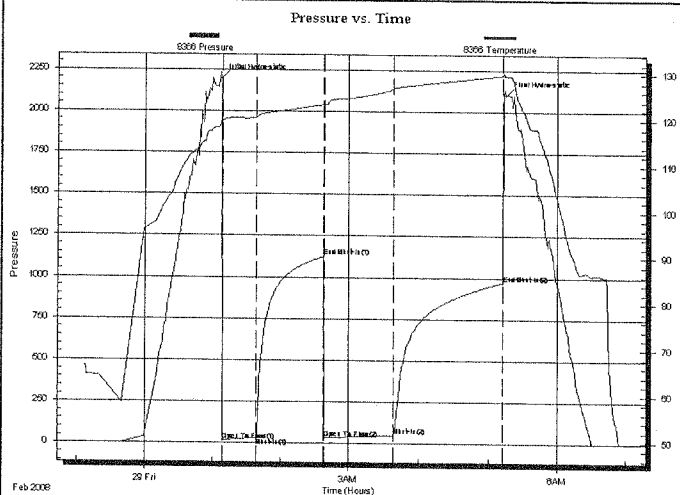
Time Off Btm: **2008.02.29 @ 05:14:59**

TEST COMMENT: IF Weak blow built to 3"

ISI Bled off Very weak surface blow back dead in 15 min.

FF Weak blow blew at 1/4" through open

FSI Bled off No blow back



PRESSURE SUMMARY

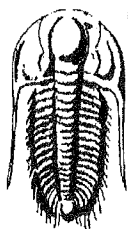
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2194.90	120.30	Initial Hydro-static
1	16.11	119.74	Open To Flow (1)
31	30.38	120.51	Shut-In(1)
90	1122.53	123.37	End Shut-In(1)
91	33.51	123.05	Open To Flow (2)
150	48.58	126.86	Shut-In(2)
244	970.64	129.77	End Shut-In(2)
247	2101.48	129.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Mw/trace of O	0.32

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

TOOL DIAGRAM

Murfin Drilling Co Inc

250 N Water Ste 300
Wichita KS 67202

ATTN: Bob Stolze

Jones #1-8

8 2S 35W Rawlins KS

Job Ticket: 31549

DST#: 4

Test Start: 2008.02.28 @ 23:06:59

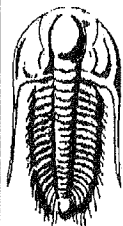
Tool Information

Drill Pipe:	Length: 3956.00 ft	Diameter: 3.80 inches	Volume: 55.49 bbl	Tool Weight:	2400.00 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: 423.00 ft	Diameter: 2.25 inches	Volume: 2.08 bbl	Weight to Pull Loose:	85000.00 lb
			Total Volume: 57.57 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4368.00 ft			Final	70000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	42.00 ft				
Tool Length:	65.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			4350.00	
Hydraulic tool	5.00			4355.00	
Safety Joint	3.00			4358.00	
Packer	5.00			4363.00	23.00 Bottom Of Top Packer
Packer	5.00			4368.00	
Stubb	1.00			4369.00	
Recorder	0.00	8366	Inside	4369.00	
Recorder	0.00	6672	Inside	4369.00	
Perforations	38.00			4407.00	
Bullnose	3.00			4410.00	42.00 Bottom Packers & Anchor
Total Tool Length:	65.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY*

Murfin Drilling Co Inc

Jones #1-8

250 N Water Ste 300
Wichita KS 67202

8 2S 35W Rawlins KS

Job Ticket: 31549

DST#: 4

ATTN: Bob Stolzie

Test Start: 2008.02.28 @ 23:06:59

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 6.80 in³

Resistivity: ohm.m

Salinity: 2000.00 ppm

Filter Cake: inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Mw/trace of O	0.320

Total Length: 65.00 ft

Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

CONFIDENTIAL
JUN 3 2008
8 2S 35W

Serial #: 8366

Inside

Murfin Drilling Co Inc

8 2S 35W Raw lins KS

DST Test Number: 4

