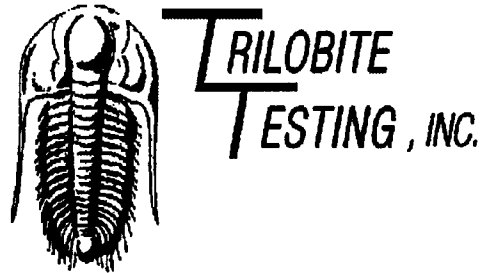


15-095-22210

29-29s-9w



DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc.**

525 S. Main
Kingman Ks. 67068

ATTN: Jon Messenger

29-29s-9w Kingman Ks

Goetz#1

Start Date: 2010.06.20 @ 11:49:08

End Date: 2010.06.20 @ 18:26:38

Job Ticket #: 039226 DST #: 1

RECEIVED

JAN 19 2012

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

Messenger Petroleum Inc.

525 S.Main
Kingman Ks.67068

ATTN: Jon Messenger

Goetz#1

29-29s-9w Kingman Ks

Job Ticket: 039226

DST#: 1

Test Start: 2010.06.20 @ 11:49:08

GENERAL INFORMATION:

Formation: **Stotler**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:00:53

Time Test Ended: 18:26:38

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: 2593.00 ft (KB) To 2635.00 ft (KB) (TVD)

Total Depth: 2635.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1668.00 ft (KB)

1659.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8167

Inside

Press@RunDepth: 47.13 psig @ 2594.00 ft (KB)

Start Date: 2010.06.20

End Date:

2010.06.20

Start Time: 11:49:13

End Time:

18:26:37

Capacity: 8000.00 psig

Last Calib.: 2010.06.20

Time On Btm: 2010.06.20 @ 12:58:53

Time Off Btm: 2010.06.20 @ 16:38:37

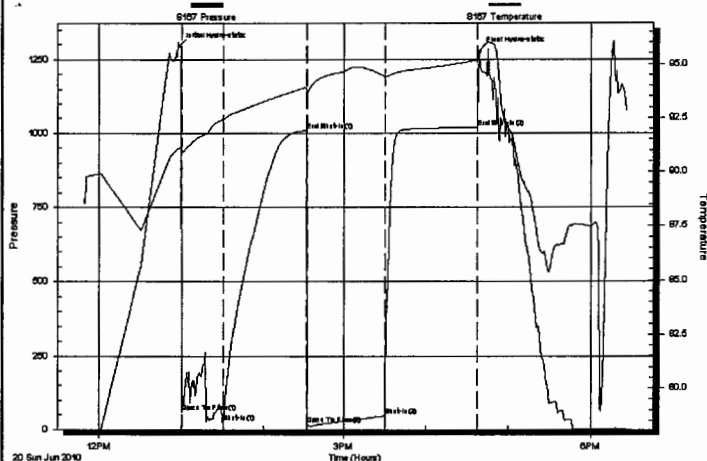
TEST COMMENT: IF: Strong blow. B.O.B. in 3.5 mins.

IS: Weak blow. 1/2 - 4".

FF: Strong blow. B.O.B. in 1 - 2 secs. GTS in 4 mins. (see gas flow report)

FSI: No blow.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1295.64	91.09	Initial Hydro-static
2	61.49	90.89	Open To Flow (1)
32	25.14	92.43	Shut-In (1)
94	1009.17	93.93	End Shut-In (1)
94	18.93	93.73	Open To Flow (2)
152	47.13	94.39	Shut-In (2)
219	1018.96	95.16	End Shut-In (2)
220	1277.99	95.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	WM 29%w 71%w Rw .06ohms @ 99deg	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.60
Last Gas Rate	0.25	9.00	37.12
Max. Gas Rate	0.25	9.00	37.12



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 039226

DST#: 1

ATTN: Jon Messenger

Test Start: 2010.06.20 @ 11:49:08

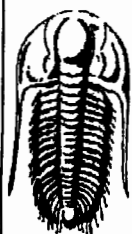
Tool Information

Drill Pipe:	Length: 2390.00 ft	Diameter: 3.80 inches	Volume: 33.53 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:	24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	59000.00 lb
		Total Volume:	33.53 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	34.00 ft			String Weight: Initial	53000.00 lb
Depth to Top Packer:	2593.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	42.00 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
------------------	-------------	------------	----------	------------	----------------

C.O. Sub	1.00			2574.00	
Shut in tool	5.00			2579.00	
HMV	5.00			2584.00	
Packer	4.00			2588.00	20.00 Bottom Of Top Packer
Packer	5.00			2593.00	
Stubb	1.00			2594.00	
Recorder	0.00	8167	Inside	2594.00	
Recorder	0.00	8370	Outside	2594.00	
Perforations	36.00			2630.00	
Bullnose	5.00			2635.00	42.00 Bottom Packers & Anchor
Total Tool Length:	62.00				



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 039226

DST#: 1

ATTN: Jon Messenger

Test Start: 2010.06.20 @ 11:49:08

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

93000 ppm

Viscosity: 29.00 sec/qt

Cushion Volume:

bbl

Water Loss: 34.65 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 108000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	WM 29%w 71%m/ Rw .06ohms @99deg	0.000

Total Length: 65.00 ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-1

Laboratory Name:

Laboratory Location:

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 039226

DST#: 1

ATTN: Jon Messenger

Test Start: 2010.06.20 @ 11:49:08

Gas Rates Information

Temperature: 59 deg C

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
2	10	0.25	3.00	27.60
2	10	0.25	3.00	27.60
2	20	0.25	3.50	28.40
2	30	0.25	4.00	29.19
2	40	0.25	7.00	33.95
2	50	0.25	9.00	37.12

Serial #: 8167

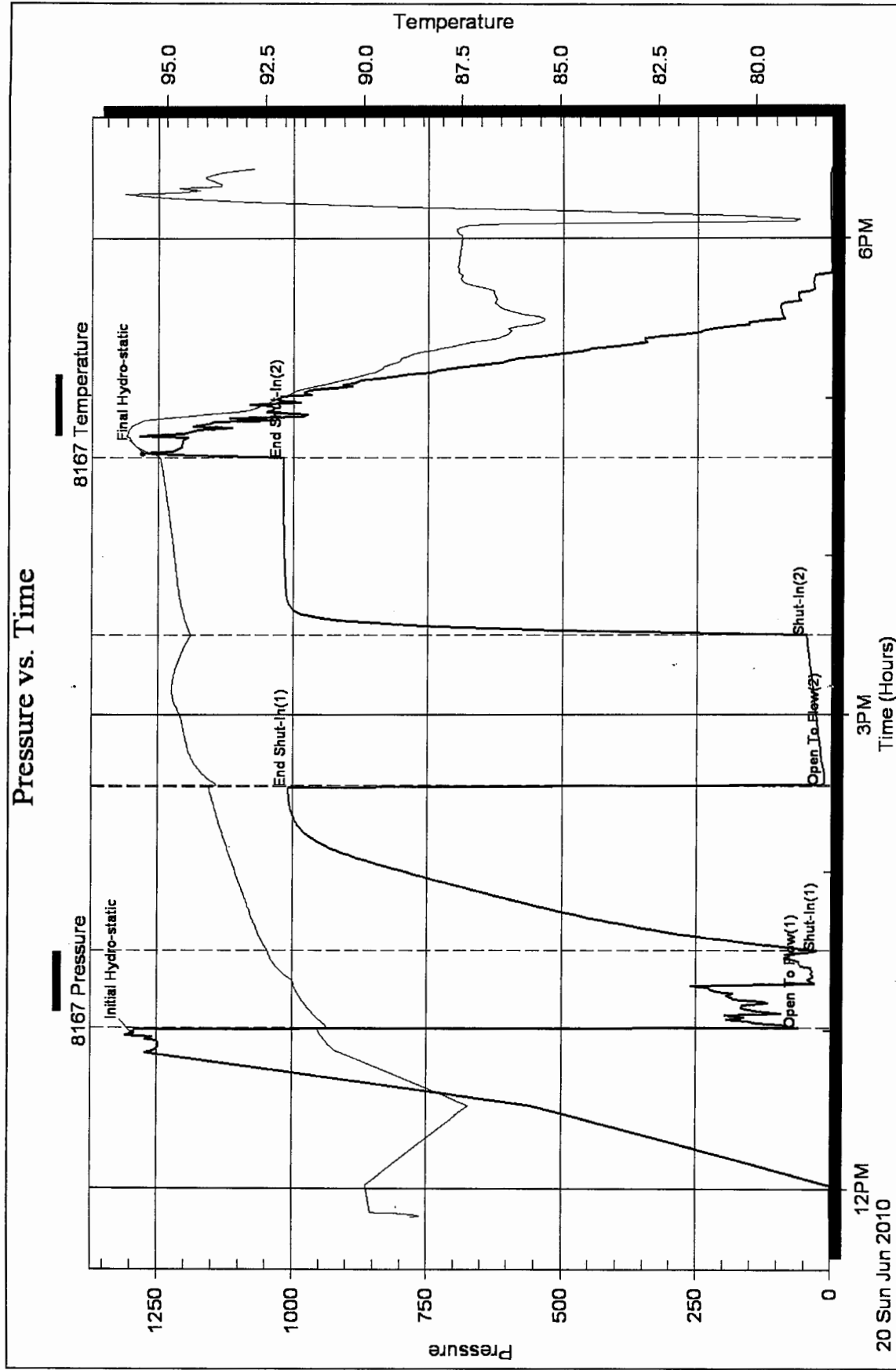
Inside

Messenger Petroleum Inc.

29-29s-9w Kingman Ks

DST Test Number: 1

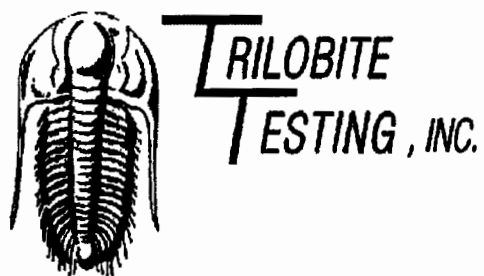
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 039226

Printed: 2010.07.08 @ 22:13:14 Page 6



DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc.**

525 S.Main
Kingman Ks.67068

ATTN: Jon Messenger

29-29s-9w Kingman Ks

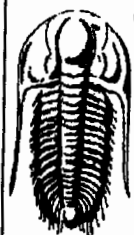
Goetz#1

Start Date: 2010.06.21 @ 07:42:46

End Date: 2010.06.21 @ 13:38:31

Job Ticket #: 039227 DST #: 2

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Messenger Petroleum Inc.

525 S. Main
Kingman Ks. 67068

ATTN: Jon Messenger

Goetz#1

29-29s-9w Kingman Ks

Job Ticket: 039227

DST#: 2

Test Start: 2010.06.21 @ 07:42:46

GENERAL INFORMATION:

Formation: **Howard**

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

Time Tool Opened: 08:57:16

Time Test Ended: 13:38:31

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **39**

Interval: **2845.00 ft (KB) To 2890.00 ft (KB) (TVD)**

Total Depth: **2890.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1668.00 ft (KB)**

1659.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: **8167**

Inside

Press@RunDepth: **258.10 psig @ 2846.00 ft (KB)**

Start Date: **2010.06.21**

End Date:

2010.06.21

Capacity: **8000.00 psig**

Last Calib.: **2010.06.21**

Start Time: **07:42:51**

End Time:

13:38:30

Time On Btm: **2010.06.21 @ 08:55:01**

Time Off Btm: **2010.06.21 @ 12:05:45**

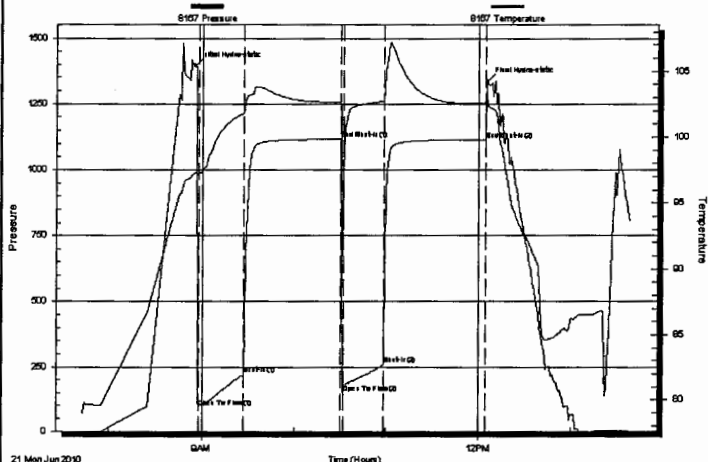
TEST COMMENT: IF: Strong blow. GTS in 7 mins. (see gas flow report)

IS: Fair blow. Increase to 9".

FF: Strong blow. (see gas flow report)

FS: Fair blow. Increase to 8".

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1396.30	97.28	Initial Hydro-static
3	93.11	97.15	Open To Flow (1)
33	221.93	101.82	Shut-In(1)
96	1116.81	102.65	End Shut-In(1)
97	148.46	94.71	Open To Flow (2)
124	258.10	102.72	Shut-In(2)
190	1114.62	102.61	End Shut-In(2)
191	1339.08	102.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
440.00	GCMW 8%g 7%m 85%w	3.13
0.00	RW .054 ohms@100 deg	0.00
85.00	GCMW 8%g 32%m 60%w	1.19

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	8.00	82.06
Last Gas Rate	0.50	20.00	232.05
Max. Gas Rate	0.50	21.00	238.80



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc.

Goetz#1

525 S. Main
Kingman Ks. 67068

29-29s-9w Kingman Ks

Job Ticket: 039227

DST#: 2

ATTN: Jon Messenger

Test Start: 2010.06.21 @ 07:42:46

Tool Information

Drill Pipe:	Length: 2613.00 ft	Diameter: 3.80 inches	Volume: 36.65 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:	24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	63000.00 lb
			Total Volume: 36.65 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	5.00 ft			String Weight: Initial	55000.00 lb
Depth to Top Packer:	2845.00 ft			Final	58000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	45.00 ft				
Tool Length:	65.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			2826.00	
Shut in tool	5.00			2831.00	
HMV	5.00			2836.00	
Packer	4.00			2840.00	20.00 Bottom Of Top Packer
Packer	5.00			2845.00	
Stubb	1.00			2846.00	
Recorder	0.00	8167	Inside	2846.00	
Recorder	0.00	8370	Outside	2846.00	
Perforations	39.00			2885.00	
Bullnose	5.00			2890.00	45.00 Bottom Packers & Anchor
Total Tool Length:	65.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 039227

DST#: 2

ATTN: Jon Messenger

Test Start: 2010.06.21 @ 07:42:46

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity: 104000 ppm

Viscosity: 29.00 sec/qt

Cushion Volume:

bbl

Water Loss: 36.46 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 68000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
440.00	GCMW 8%g 7%m 85%w	3.128
0.00	RW .054 ohms@100 deg	0.000
85.00	GCMW 8%g 32%m 60%w	1.192

Total Length: 525.00 ft

Total Volume: 4.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-2

Laboratory Name: caraway

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks. 67068

29-29s-9w Kingman Ks

Job Ticket: 039227

DST#: 2

ATTN: Jon Messenger

Test Start: 2010.06.21 @ 07:42:46

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m³/d)
1	10	0.38	8.00	82.06
1	10	0.38	8.00	82.06
1	20	0.38	14.00	104.04
1	30	0.38	20.00	126.02
2	20	0.50	21.00	238.80
2	30	0.50	20.00	232.05

Serial #: 8167

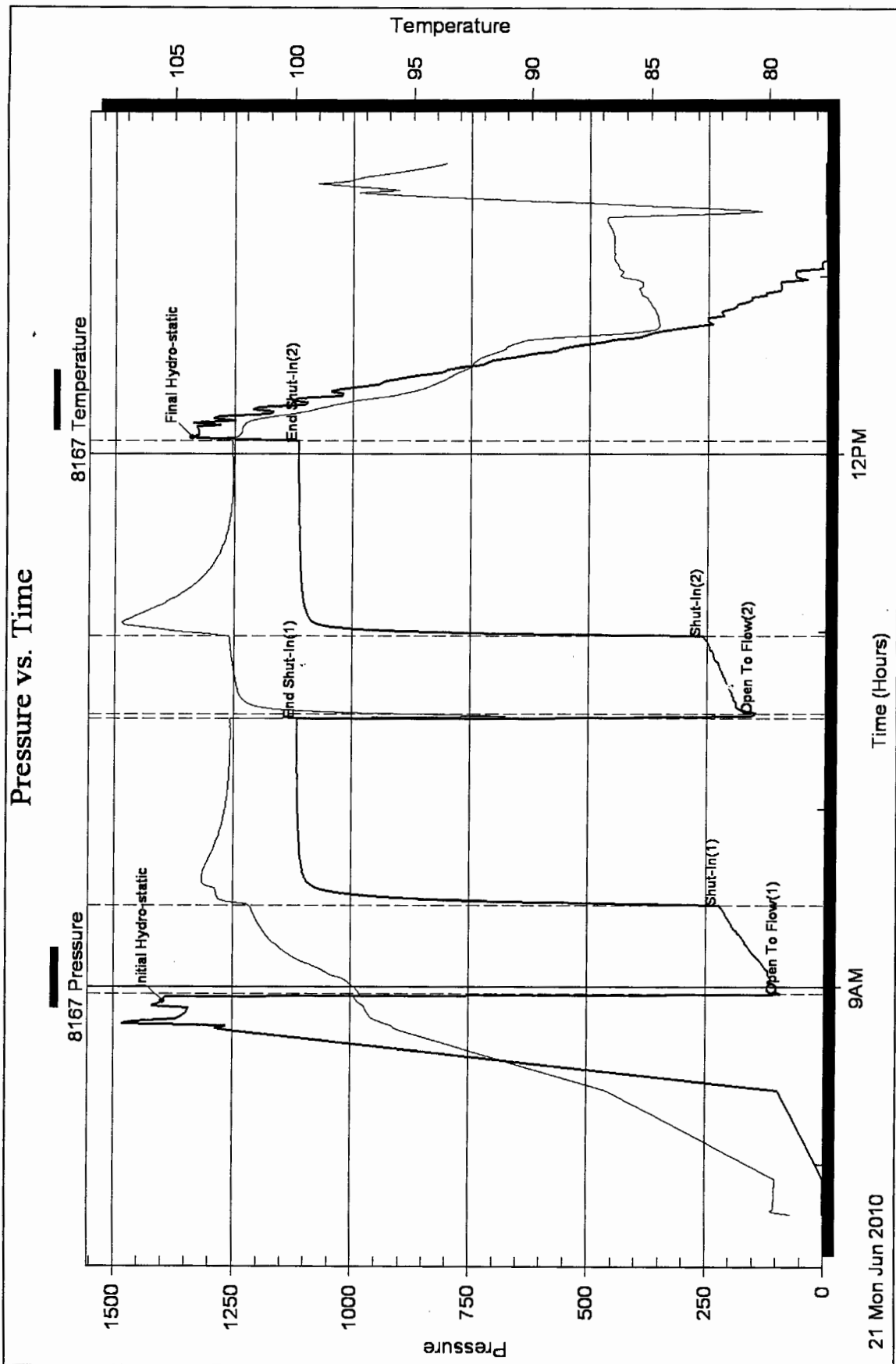
Inside

Messenger Petroleum Inc.

29-29s-9w Kingman Ks

DST Test Number: 2

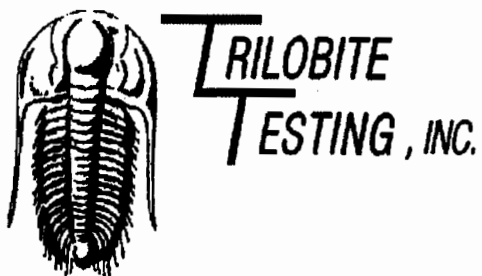
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 039227

Printed: 2010.07.08 @ 22:13:46 Page 6



DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc.**

525 S. Main
Kingman Ks. 67068

ATTN: Jon Messenger

29-29s-9w Kingman Ks

Goetz#1

Start Date: 2010.06.21 @ 23:39:38

End Date: 2010.06.22 @ 06:18:23

Job Ticket #: 039228 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Messenger Petroleum Inc.

525 S.Main
Kingman Ks.67068

ATTN: Jon Messenger

Goetz#1

29-29s-9w Kingman Ks

Job Ticket: 039228

DST#: 3

Test Start: 2010.06.21 @ 23:39:38

GENERAL INFORMATION:

Formation: **Topeka**

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

Time Tool Opened: 01:39:38

Time Test Ended: 06:18:23

Test Type: **Conventional Straddle**

Tester: **Gary Pevoteaux**

Unit No: **39**

Interval: **2950.00 ft (KB) To 2963.00 ft (KB) (TVD)**

Total Depth: **3033.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1668.00 ft (KB)**

1659.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: **8370**

Outside

Press@RunDepth: **286.68 psig @ 2951.00 ft (KB)**

Start Date: **2010.06.21**

End Date: **2010.06.22**

Capacity: **8000.00 psig**

Last Calib.: **2010.06.22**

Start Time: **23:39:43**

End Time: **06:18:22**

Time On Btm: **2010.06.22 @ 01:37:38**

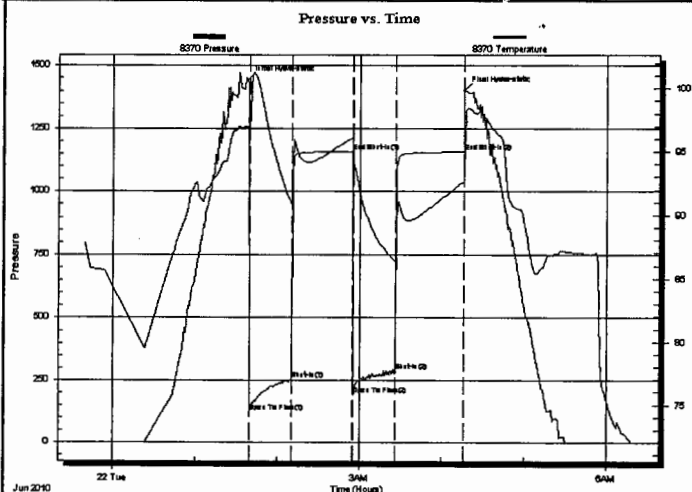
Time Off Btm: **2010.06.22 @ 04:16:37**

TEST COMMENT: IF:Strong blow . GTS in 3.5 mins.(see gas flow report)

IS:Weak blow . 1/2".

FF:Strong blow . (see gas flow report)

FSt:Weak blow . 1/2 - 1".



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1442.16	96.93	Initial Hydro-static
2	122.23	97.08	Open To Flow (1)
33	252.56	90.82	Shut-In(1)
77	1157.67	96.08	End Shut-In(1)
78	193.82	93.98	Open To Flow (2)
109	286.68	86.35	Shut-In(2)
159	1156.48	92.68	End Shut-In(2)
159	1401.93	92.85	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
190.00	SW / Rw .07ohms@ 81 deg	0.00
70.00	MV 36%m 64%m	0.60

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	38.00	818.48
Last Gas Rate	0.75	70.00	1318.32
Max. Gas Rate	0.75	70.00	1318.32



Messenger Petroleum Inc.

ATTN: Jon Messenger

Goetz#1

29-29s-9w Kingman Ks

Job Ticket: 039228

DST#: 3

Test Start: 2010.06.21 @ 23:39:38

Formation: **Topeka**

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

Time Tool Opened: 01:39:38

Time Test Ended: 06:18:23

Test Type: Conventional Straddle

Tester: Gary Pevoteaux

Unit No: 39

Interval: 2950.00 ft (KB) To 2963.00 ft (KB) (TVD)

Total Depth: 3033.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1668.00 ft (KB)

1659.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8167 **Below**

Press@RunDepth: psig @ 2964.00 ft (KB)

Start Date: 2010.06.21

End Date:

2010.06.22

Start Time: 23:42:47

End Time:

06:15:41

Capacity: 8000.00 psig

Last Calib.: 2010.06.22

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Strong blow . GTS in 3.5 mins. (see gas flow report)

ISI:Weak blow . 1/2".

FF: Strong blow . (see gas flow report)

FSI:Weak blow . 1/2 - 1".



Recovery

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	38.00	818.48
Last Gas Rate	0.75	70.00	1318.32
Max. Gas Rate	0.75	70.00	1318.32



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 039228

DST#: 3

ATTN: Jon Messenger

Test Start: 2010.06.21 @ 23:39:38

Tool Information

Drill Pipe:	Length: 2743.00 ft	Diameter: 3.80 inches	Volume: 38.48 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: 24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 67500.00 lb
		Total Volume: 38.48 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 58000.00 lb
Depth to Top Packer:	2950.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	2963.00 ft			
Interval between Packers:	13.00 ft			
Tool Length:	103.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			2931.00	
Shut in tool	5.00			2936.00	
HMV	5.00			2941.00	
Packer	4.00			2945.00	20.00 Bottom Of Top Packer
Packer	5.00			2950.00	
Stubb	1.00			2951.00	
Recorder	0.00	8646	Inside	2951.00	
Recorder	0.00	8370	Outside	2951.00	
Perforations	8.00			2959.00	
Blank Off Sub	1.00			2960.00	
T.C.	3.00			2963.00	13.00 Tool Interval
Packer	0.00			2963.00	
Stubb	1.00			2964.00	
Recorder	0.00	8167	Below	2964.00	
Perforations	3.00			2967.00	
Blank Spacing	64.00			3031.00	
Bullnose	2.00			3033.00	70.00 Bottom Packers & Anchor
Total Tool Length:	103.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 039228

DST#: 3

ATTN: Jon Messenger

Test Start: 2010.06.21 @ 23:39:38

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity: 97000 ppm

Viscosity: 29.00 sec/qt

Cushion Volume:

bbl

Water Loss: 36.47 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 68000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
190.00	SW / Rw .07ohms@ 81 deg	0.000
70.00	MW 36% m 64% m	0.603

Total Length: 260.00 ft

Total Volume: 0.603 bbl

Num Fluid Samples: 0

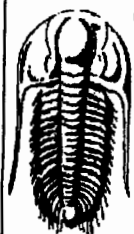
Num Gas Bombs: 1

Serial #: gp-3

Laboratory Name: caraway

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 039228

DST#: 3

ATTN: Jon Messenger

Test Start: 2010.06.21 @ 23:39:38

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	10	0.75	38.00	818.48
1	10	0.75	38.00	818.48
1	20	0.75	49.00	990.30
1	30	0.75	59.00	1146.50
2	10	0.75	62.00	1193.36
2	30	0.75	70.00	1318.32

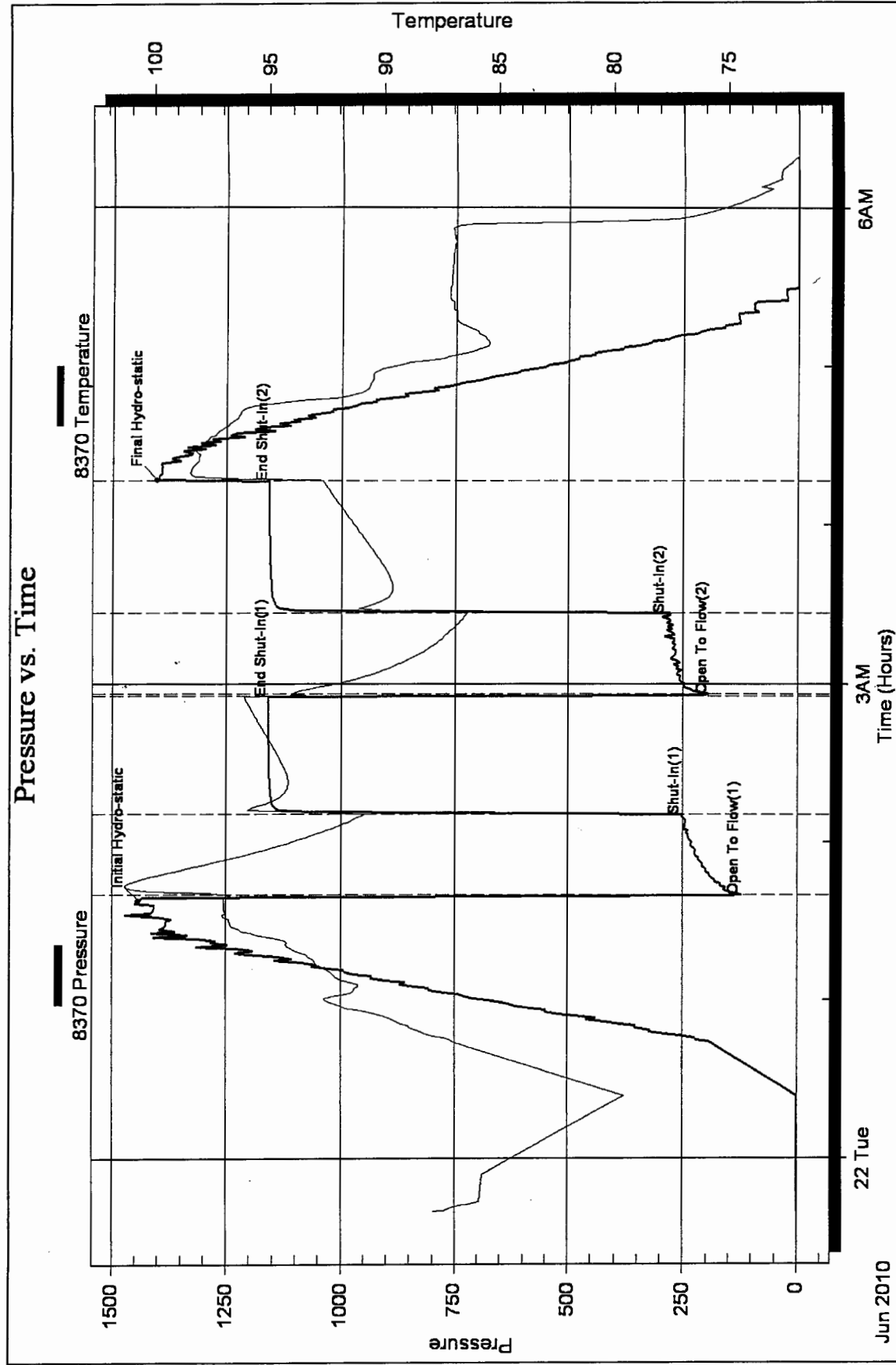
Serial #: 8370

Outside Messenger Petroleum Inc.

29-29s-9w Kingman Ks

DST Test Number: 3

Pressure vs. Time



Serial #: 8167

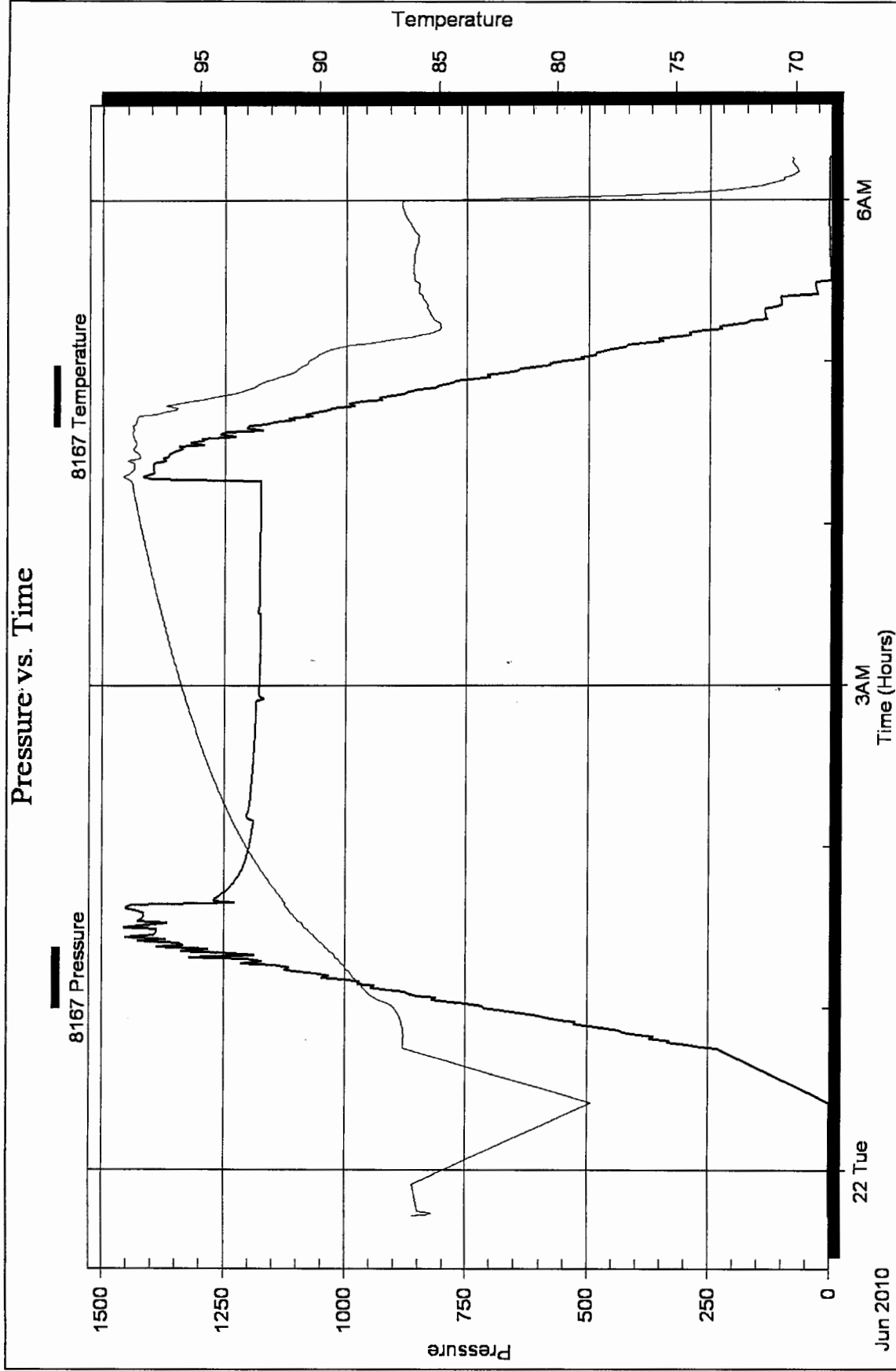
Below

Messenger Petroleum Inc.

29-29s-9w Kingman Ks

DST Test Number: 3

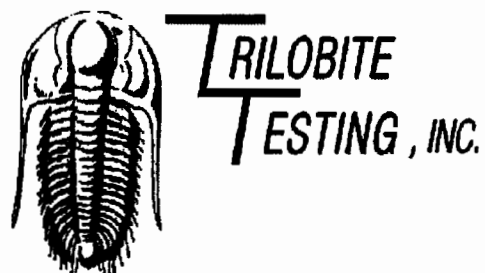
Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 039228

Printed: 2010.07.09 @ 08:49:32 Page 8



DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc.**

525 S.Main
Kingman Ks.67068

ATTN: Jon Messenger

29-29s-9w Kingman Ks

Goetz#1

Start Date: 2010.06.23 @ 23:31:05

End Date: 2010.06.24 @ 06:41:20

Job Ticket #: 039229 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

Messenger Petroleum Inc.

525 S.Main
Kingman, Ks. 67068

ATTN: Jon Messenger

Goetz#1

29-29s-9w Kingman Ks

Job Ticket: 039229

DST#: 4

Test Start: 2010.06.23 @ 23:31:05

GENERAL INFORMATION:

Formation: **Swope**

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

Time Tool Opened: 01:59:20

Time Test Ended: 06:41:20

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **3936.00 ft (KB) To 3951.00 ft (KB) (TVD)**

Total Depth: **5951.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Poor**

Reference Elevations: **1668.00 ft (KB)**

1659.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: **8167**

Inside

Press@RunDepth: **92.53 psig @ 3937.00 ft (KB)**

Start Date: **2010.06.23**

End Date:

2010.06.24

Start Time: **23:31:10**

End Time:

06:41:19

Capacity: **8000.00 psig**

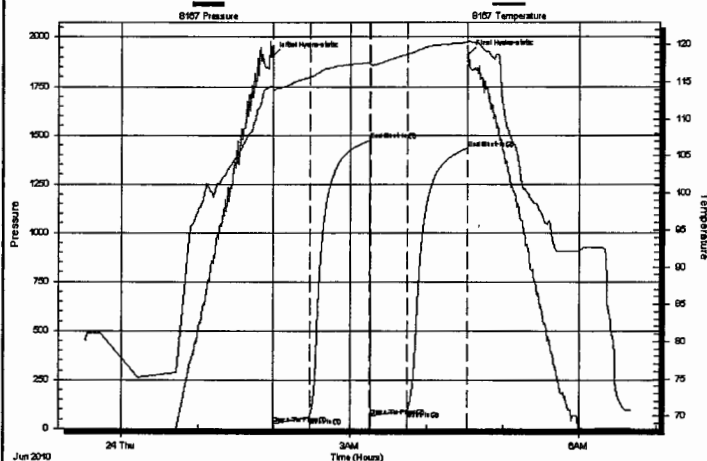
Last Calib.: **2010.06.24**

Time On Btm: **2010.06.24 @ 01:58:05**

Time Off Btm: **2010.06.24 @ 04:32:34**

TEST COMMENT: IF: Fair blow. Slow increase to 11".
IS: No blow.
FF: Fair blow. Slow increase to 10".
FS: No blow.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1903.67	114.44	Initial Hydro-static
2	21.91	113.92	Open To Flow (1)
30	58.44	115.64	Shut-In(1)
78	1471.67	117.64	End Shut-In(1)
78	64.88	117.30	Open To Flow (2)
107	92.53	118.77	Shut-In(2)
154	1431.34	120.29	End Shut-In(2)
155	1915.35	120.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
105.00	MMV w/o specs 14%w 86%MrW.09 @ 560.00	
35.00	OCWM 20%o 23%w 57% m	0.00
0.00	280 ft. of GIP	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

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 039229

DST#: 4

ATTN: Jon Messenger

Test Start: 2010.06.23 @ 23:31:05

Tool Information

Drill Pipe:	Length: 3731.00 ft	Diameter: 3.80 inches	Volume: 52.34 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:	24000.00 lb
Drill Collar:	Length: 217.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	74000.00 lb
			<u>Total Volume: 52.34 bbl</u>	Tool Chased	1.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial	67000.00 lb
Depth to Top Packer:	3936.00 ft			Final	68000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	15.00 ft				
Tool Length:	35.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			3917.00	
Shut in tool	5.00			3922.00	
HMV	5.00			3927.00	
Packer	4.00			3931.00	20.00 Bottom Of Top Packer
Packer	5.00			3936.00	
Stubb	1.00			3937.00	
Recorder	0.00	8167	Inside	3937.00	
Recorder	0.00	8370	Outside	3937.00	
Perforations	9.00			3946.00	
Bullnose	5.00			3951.00	15.00 Bottom Packers & Anchor
Total Tool Length:		35.00			



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 039229

DST#: 4

ATTN: Jon Messenger

Test Start: 2010.06.23 @ 23:31:05

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:

94000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbl

Water Loss: 15.56 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
105.00	MW w/o specs 14%w 86%MrW.09 @66DEC	0.000
35.00	OCWM 20%o 23%w 57%m	0.000
0.00	280 ft.of GIP	0.000

Total Length: 140.00 ft

Total Volume:

bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8167

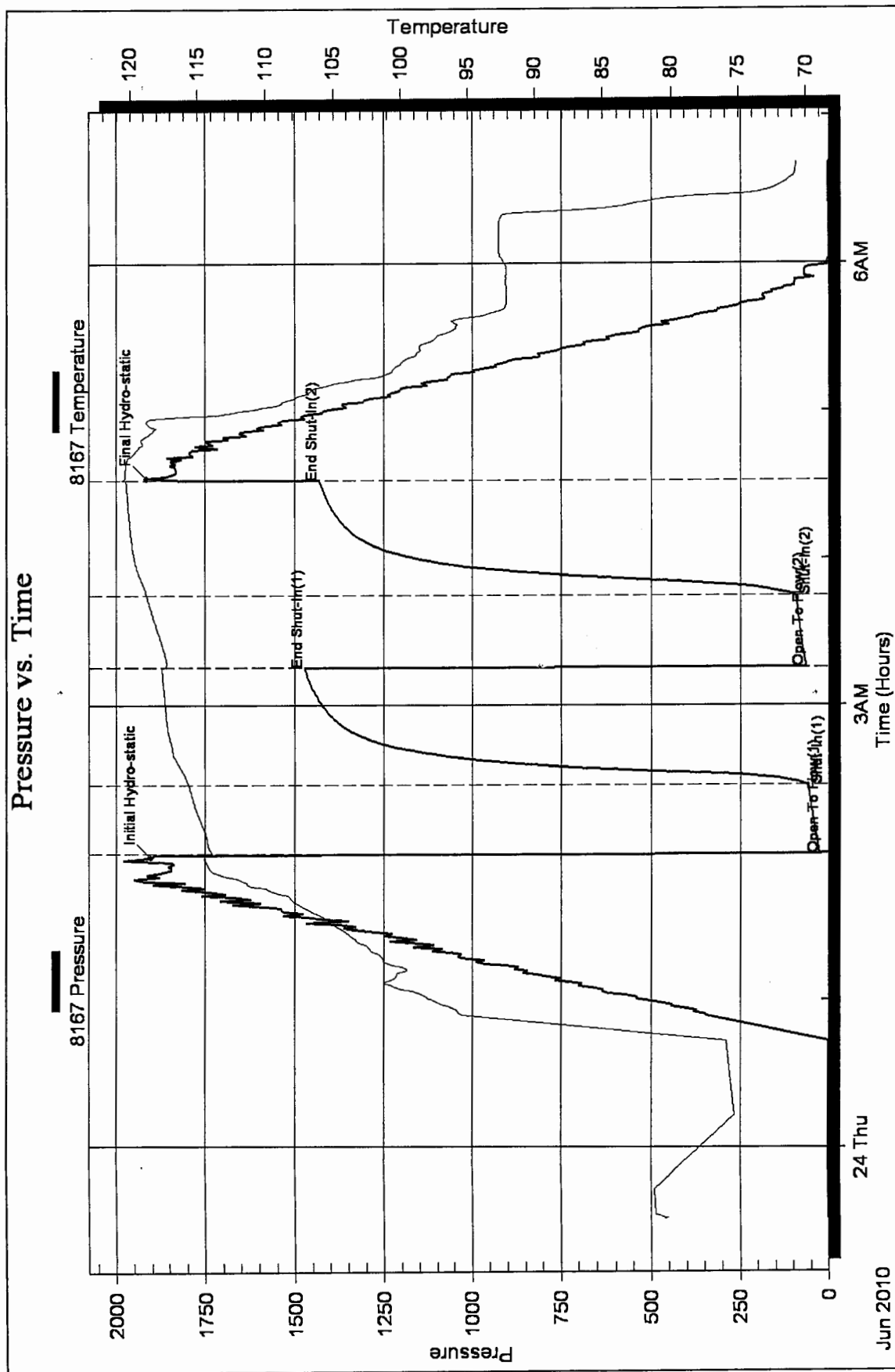
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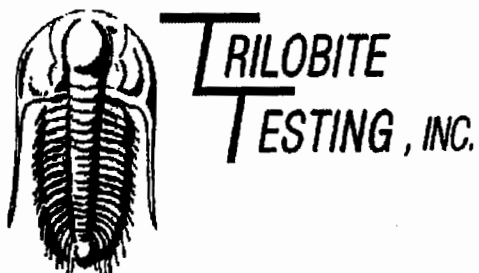
29-29s-9w Kingman Ks

Messenger Petroleum Inc.

DST Test Number: 4

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc.**

525 S.Main
Kingman Ks.67068

ATTN: Jon Messenger

29-29s-9w Kingman Ks

Goetz#1

Start Date: 2010.06.25 @ 19:27:30

End Date: 2010.06.26 @ 03:22:00

Job Ticket #: 039230 DST #: 5

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Messenger Petroleum Inc.

525 S.Main
Kingman Ks.67068

ATTN: Jon Messenger

Goetz#1

29-29s-9w Kingman Ks

Job Ticket: 039230

DST#: 5

Test Start: 2010.06.25 @ 19:27:30

GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:34:45

Time Test Ended: 03:22:00

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **4398.00 ft (KB) To 4405.00 ft (KB) (TVD)**

Total Depth: **4405.00 ft (KB) (TVD)**

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1668.00 ft (KB)

1659.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8167 Inside

Press@RunDepth: 1557.69 psig @ 4399.00 ft (KB)

Start Date: 2010.06.25

End Date:

2010.06.26

Start Time: 19:27:35

End Time:

03:21:59

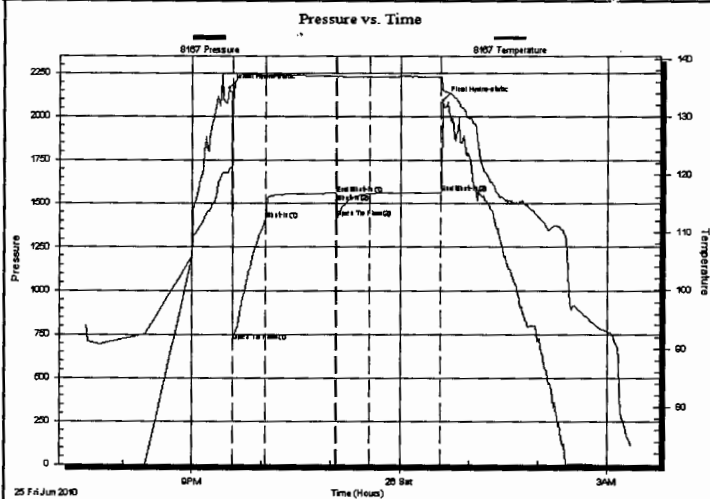
Capacity: 8000.00 psig

Last Calib.: 2010.06.26

Time On Btm: 2010.06.25 @ 21:31:30

Time Off Btm: 2010.06.26 @ 00:36:45

TEST COMMENT: IF: Strong blow . B.O.B. in 53 secs.
IS: Fair blow . Increase top 11".
FF: Strong blow . B.O.B. in 55 secs.
FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2166.84	120.96	Initial Hydro-static
4	706.56	131.82	Open To Flow (1)
32	1407.96	137.03	Shut-In(1)
93	1560.85	137.03	End Shut-In(1)
94	1419.49	136.99	Open To Flow (2)
122	1557.69	136.84	Shut-In(2)
184	1562.41	136.90	End Shut-In(2)
186	2095.08	134.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3135.00	GSY SW /Rw .08ohms @85 deg 4%g 96%40.93	
110.00	MMV 26%w 74%w	1.54

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

ATTN: Jon Messenger

Job Ticket: 039230

DST#: 5

Test Start: 2010.06.25 @ 19:27:30

Tool Information

Drill Pipe:	Length: 4177.00 ft	Diameter: 3.80 inches	Volume: 58.59 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:	24000.00 lb	
Drill Collar:	Length: 217.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose:	98000.00 lb	
			Total Volume:	58.59 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial	73000.00 lb	
Depth to Top Packer:	4398.00 ft			Final	84000.00 lb	
Depth to Bottom Packer:	ft					
Interval between Packers:	7.00 ft					
Tool Length:	27.00 ft					
Number of Packers:	2	Diameter:	6.75 inches			
Tool Comments:						

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4379.00	
Shut in tool	5.00			4384.00	
HMV	5.00			4389.00	
Packer	4.00			4393.00	20.00 Bottom Of Top Packer
Packer	5.00			4398.00	
Stubb	1.00			4399.00	
Recorder	0.00	8167	Inside	4399.00	
Recorder	0.00	8370	Outside	4399.00	
Perforations	1.00			4400.00	
Bullnose	5.00			4405.00	7.00 Bottom Packers & Anchor
Total Tool Length:	27.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 039230

DST#: 5

ATTN: Jon Messenger

Test Start: 2010.06.25 @ 19:27:30

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:

79000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.17 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3135.00	GSY SW/Rw .08ohms@85 deg 4%g 96%w	40.932
110.00	MW 26%w 74%w	1.543

Total Length: 3245.00 ft

Total Volume: 42.475 bbl

Num Fluid Samples: 0

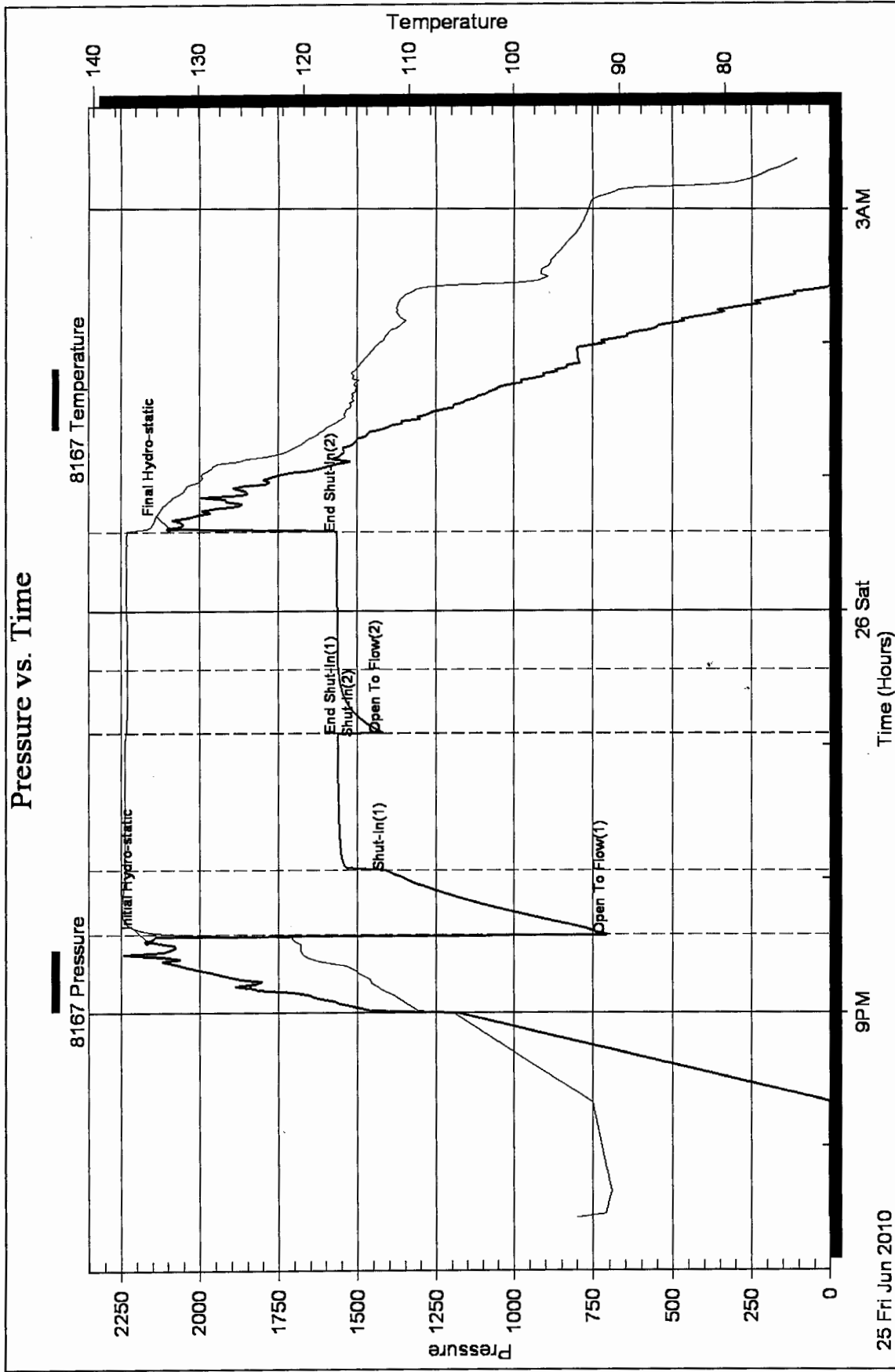
Num Gas Bombs: 0

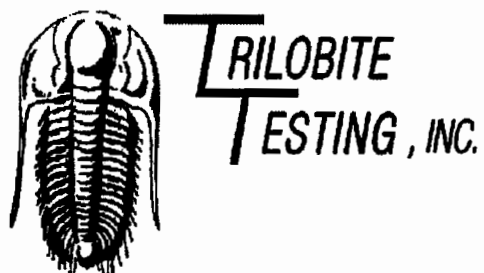
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc.**

525 S.Main
Kingman Ks.67068

ATTN: Jon Messenger

29-29s-9w Kingman Ks

Goetz#1

Start Date: 2010.06.26 @ 14:21:19

End Date: 2010.06.26 @ 19:16:43

Job Ticket #: 38718 DST #: 6

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 38718

DST#: 6

ATTN: Jon Messenger

Test Start: 2010.06.26 @ 14:21:19

GENERAL INFORMATION:

Formation: **Simpson**

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

Time Tool Opened: 15:50:14

Time Test Ended: 19:16:43

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **42**

Interval: **4454.00 ft (KB) To 4471.00 ft (KB) (TVD)**

Total Depth: **4471.00 ft (KB) (TVD)**

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

Reference Elevations: **1668.00 ft (KB)**

1659.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: **8365**

Inside

Press@RunDepth: **19.77 psig @ 4455.01 ft (KB)**

Start Date: **2010.06.26**

End Date:

2010.06.26

Capacity: **8000.00 psig**

Last Calib.: **2010.06.26**

Start Time: **14:21:19**

End Time:

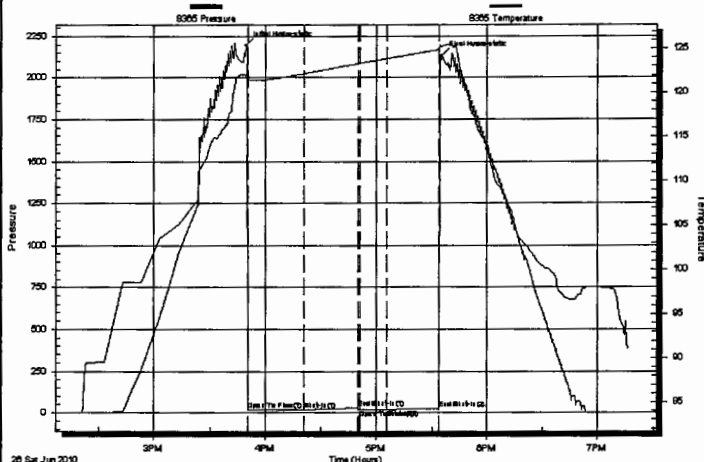
19:16:43

Time On Btm: **2010.06.26 @ 15:49:14**

Time Off Btm: **2010.06.26 @ 17:35:14**

TEST COMMENT: IFP-surface bl died in 19min
FFP-no bl
Times 30-30-15-30

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2194.38	122.12	Initial Hydro-static
1	17.15	121.54	Open To Flow (1)
32	18.76	122.15	Shut-In(1)
61	29.28	123.30	End Shut-In(1)
62	19.22	123.32	Open To Flow (2)
77	19.77	123.88	Shut-In(2)
105	26.21	124.89	End Shut-In(2)
106	2131.96	125.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 38718

DST#: 6

ATTN: Jon Messenger

Test Start: 2010.06.26 @ 14:21:19

Tool Information

Drill Pipe:	Length: 4248.00 ft	Diameter: 3.80 inches	Volume: 59.59 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: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose:	85000.00 lb
		Total Volume:	60.62 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial	74000.00 lb
Depth to Top Packer:	4454.00 ft			Final	74000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	17.02 ft				
Tool Length:	38.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		
Tool Comments:					

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4434.00	
Shut In Tool	5.00			4439.00	
Hydraulic tool	5.00			4444.00	
Packer	5.00			4449.00	21.00 Bottom Of Top Packer
Packer	5.00			4454.00	
Stubb	1.00			4455.00	
Recorder	0.01	8365	Inside	4455.01	
Recorder	0.01	6625	Outside	4455.02	
Perforations	13.00			4468.02	
Bullnose	3.00			4471.02	17.02 Bottom Packers & Anchor
Total Tool Length:	38.02				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 38718

DST#: 6

ATTN: Jon Messenger

Test Start: 2010.06.26 @ 14:21:19

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: 50.00 sec/qt

Cushion Volume:

bbl

Water Loss: 12.72 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8365

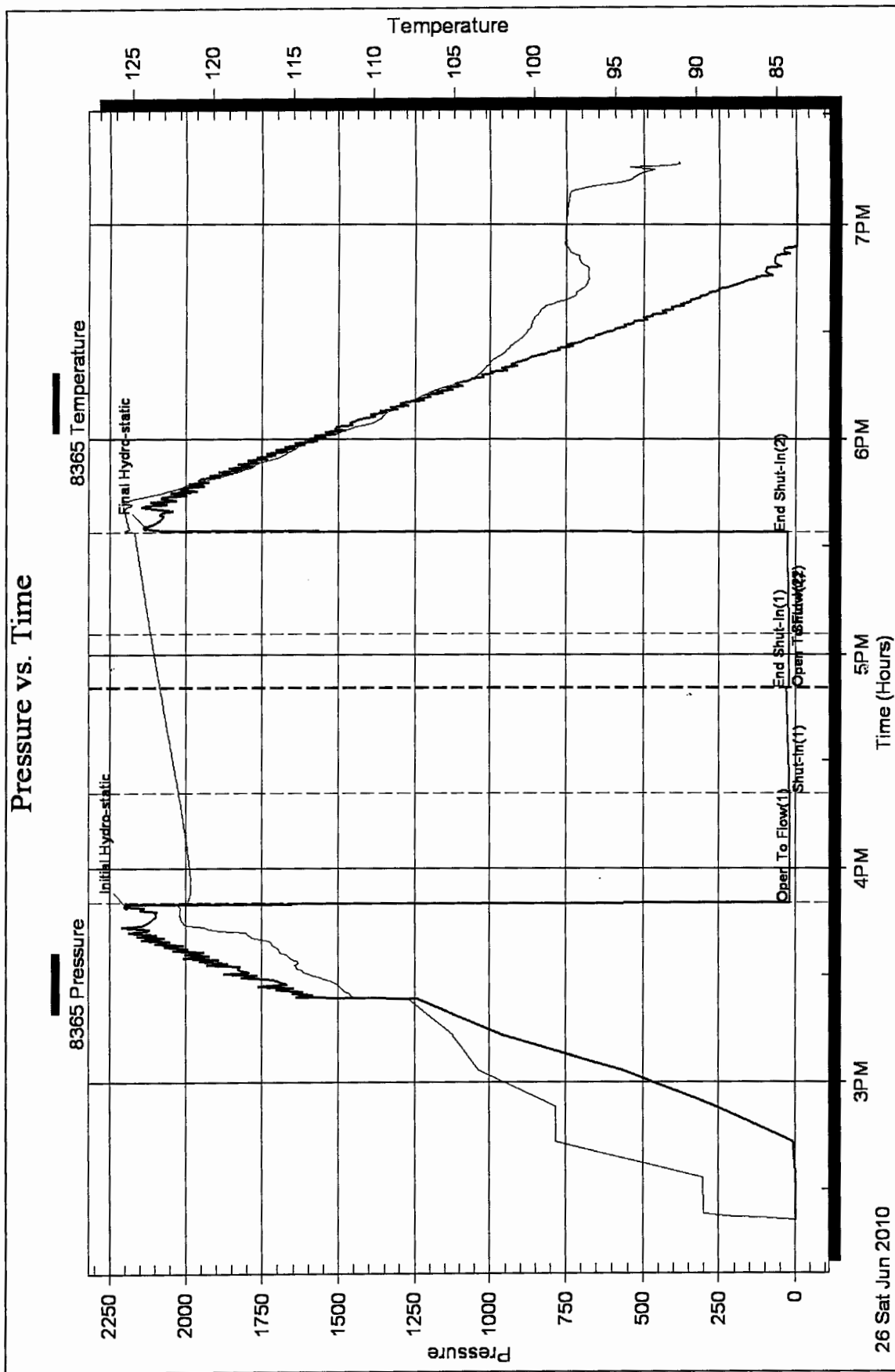
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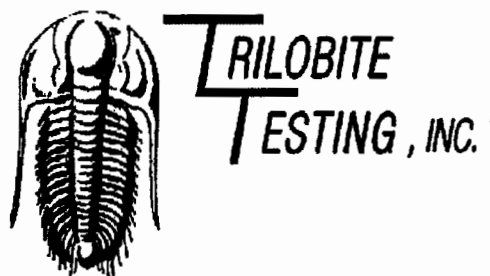
Messenger Petroleum Inc.

29-29S-9W Kingman Ks

DST Test Number: 6

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc.**

525 S.Main
Kingman Ks.67068

ATTN: Jon Messenger

29-29s-9w Kingman Ks

Goetz#1

Start Date: 2010.06.27 @ 01:00:24

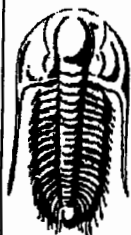
End Date: 2010.06.27 @ 07:25:18

Job Ticket #: 38719 DST #: 7

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

Messenger Petroleum Inc.

525 S.Main
Kingman Ks.67068

ATTN: Jon Messenger

Goetz#1

29-29s-9w Kingman Ks

Job Ticket: 38719

DST#: 7

Test Start: 2010.06.27 @ 01:00:24

GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:49:49

Time Test Ended: 07:25:18

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

Interval: 4470.00 ft (KB) To 4477.00 ft (KB) (TVD)

Total Depth: 4477.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1668.00 ft (KB)

1659.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8365

Inside

Press@RunDepth: 15.67 psig @ 4471.01 ft (KB)

Start Date: 2010.06.27

End Date:

2010.06.27

Capacity: 8000.00 psig

Last Calib.: 2010.06.27

Start Time: 01:00:24

End Time:

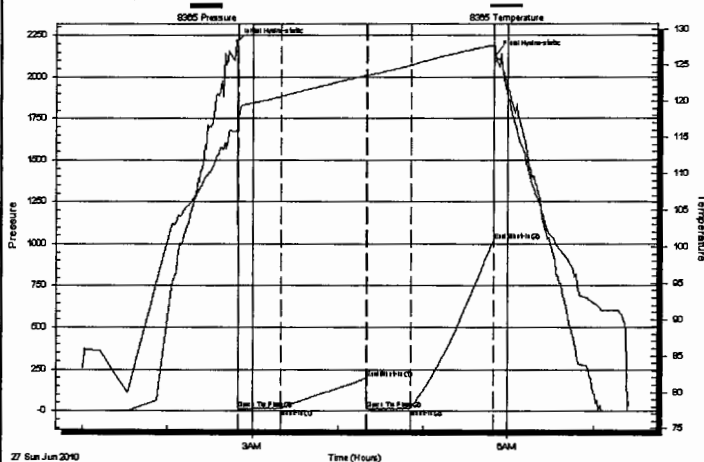
07:25:18

Time On Btm: 2010.06.27 @ 02:48:19

Time Off Btm: 2010.06.27 @ 05:50:48

TEST COMMENT: IFP-w k to strg in 15min
FFP-w k to a fr bl 2"to 5 1/2"bl
Times 30-60-30-60
no bl on shut-in

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2211.98	115.92	Initial Hydro-static
2	10.40	117.82	Open To Flow (1)
32	13.07	120.72	Shut-In(1)
92	197.75	123.58	End Shut-In(1)
92	12.80	123.54	Open To Flow (2)
123	15.67	125.00	Shut-In(2)
181	1017.33	127.76	End Shut-In(2)
183	2139.02	126.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	490'GIP	0.00
5.00	Mud	0.02

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 38719

DST#: 7

ATTN: Jon Messenger

Test Start: 2010.06.27 @ 01:00:24

Tool Information

Drill Pipe:	Length: 4247.00 ft	Diameter: 3.80 inches	Volume: 59.57 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: 210.00 ft	Diameter: 2.25 inches	Volume: 1.03 bbl	Weight to Pull Loose:	85000.00 lb
		Total Volume:	60.60 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial	73000.00 lb
Depth to Top Packer:	4470.00 ft			Final	74000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	7.02 ft				
Tool Length:	28.02 ft				
Number of Packers:	2	Diameter:	6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4450.00	
Shut In Tool	5.00			4455.00	
Hydraulic tool	5.00			4460.00	
Packer	5.00			4465.00	21.00 Bottom Of Top Packer
Packer	5.00			4470.00	
Stubb	1.00			4471.00	
Recorder	0.01	8365	Inside	4471.01	
Recorder	0.01	6625	Outside	4471.02	
Perforations	3.00			4474.02	
Bullnose	3.00			4477.02	7.02 Bottom Packers & Anchor
Total Tool Length:	28.02				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc.

Goetz#1

525 S.Main
Kingman Ks.67068

29-29s-9w Kingman Ks

Job Ticket: 38719

DST#: 7

ATTN: Jon Messenger

Test Start: 2010.06.27 @ 01:00:24

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: 12.69 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	490'GIP	0.000
5.00	Mud	0.025

Total Length: 5.00 ft

Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

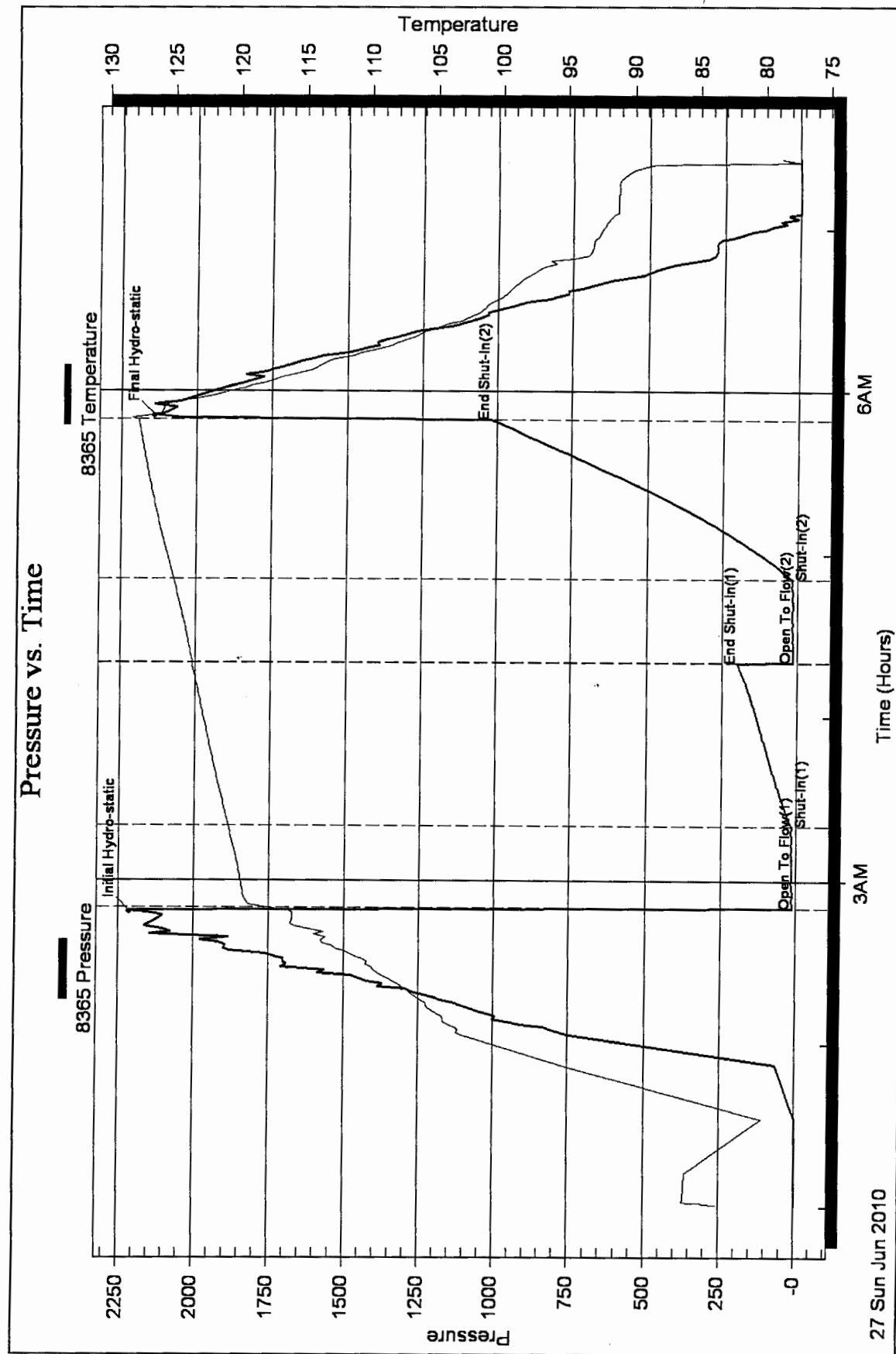
Serial #: 8365

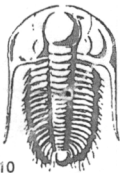
Inside

Messenger Petroleum Inc.

29-29s-9w Kingman Ks

DST Test Number: 7





**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JUN 29 2010

Test Ticket

NO. 039226 14435

Well Name & No. Coety #1 Test No. 1 Date 6-20-10
 Company Messenger Petroleum Inc. Elevation 1668 KB 1659 GL
 Address 525 S. Main, Kingman, Ks. 67068
 Co. Rep / Geo. Tom Messenger Rig Stirling Drilling #4
 Location: Sec. 29 Twp. 29 S Rge. 9 W Co. Kingman State Ks.

Interval Tested 2593 ~ 2635 Zone Tested Stotler
 Anchor Length 42' Drill Pipe Run 2390' Mud Wt. 9.6
 Top Packer Depth 2588' Drill Collars Run 217' Vis 29
 Bottom Packer Depth 2593' Wt. Pipe Run 0 WL 34.8
 Total Depth 2635' Chlorides 108,000 ppm System LCM 0

Blow Description IF: Strong blow. B.O.B. in 3.5 mins. ISI: Weak blow. 1/2 - 4".

FF: Strong blow B.O.B. in 1.2 sec. GTS in 4 mins. (see gas flow report)
FSI: No blow.

Rec <u>65</u>	Feet of <u>WM</u>	%gas	%oil	<u>29</u>	%water	<u>71</u>	%mud
Rec	Feet of	%gas	%oil		%water		%mud
Rec	Feet of	%gas	%oil		%water		%mud
Rec	Feet of	%gas	%oil		%water		%mud
Rec	Feet of	%gas	%oil		%water		%mud

Rec Total 65 fluid BHT 95° Gravity N/A API RW 06 @ 99° F Chlorides 93,000 ppm

(A) Initial Hydrostatic 1296 ☒ Test 1125 T-On Location 1115
 (B) First Initial Flow 61 ☐ Jars 1149
 (C) First Final Flow 23 ☐ Safety Joint 1300
 (D) Initial Shut-In 1009 ☐ Circ Sub 1631
 (E) Second Initial Flow 19 ☐ Hourly Standby 1826
 (F) Second Final Flow 47 ☒ Mileage 76 9500 Comments
 (G) Final Shut-In 1019 ☐ Sampler
 (H) Final Hydrostatic 1237 ☐ Straddle ☐ Ruined Shale Packer

Initial Open 30 ☐ Shale Packer ☐ Ruined Packer
 Initial Shut-In 60 ☐ Extra Packer ☐ Extra Copies
 Final Flow 60 ☐ Extra Recorder Sub Total
 Final Shut-In 60 ☐ Day Standby Total
☐ Accessibility MP/DST Disc't
 Sub Total 1220⁰⁰ 1220⁰⁰

Approved By Tom Messenger

Our Representative Greg J. [Signature]

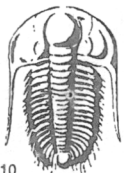
TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



GAS VOLUME REPORT.

DST NO.

Remarks:



**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JUN 29 2010
BY:

Test Ticket

NO. 039227

Well Name & No. Goety #1 Test No. 2 Date 6-21-10
Company Messenger Pith Inc. Elevation 1668 KB 1659 GL
Address 525 S. Main, Kingman Ks. 67068
Co. Rep / Geo. Jon Messenger Rig Stirling Dalg #4
Location: Sec. 29 Twp. 29 Rge. 9w Co. Kingman State Ks.

Interval Tested 2845 - 2890' Zone Tested Howard
Anchor Length 45' Drill Pipe Run 2613' Mud Wt. 9.5
Top Packer Depth 2840' Drill Collars Run 217' Vis 29
Bottom Packer Depth 2845' Wt. Pipe Run 0 WL 36.6 cc
Total Depth 2890' Chlorides 68,000 ppm System LCM 0

Blow Description IF: Strong below GTS in 7 mins. (see gas flow report)
ISI: Fair below. Increase to 9"
FF: Strong below. (see gas flow report) FSI: Fair below.
Increase to 8"

Rec	Feet of	%gas	%oil	%water	%mud
85	GCMW	8		60	32
440	GCMW	8		85	7
		%gas	%oil	%water	%mud
		%gas	%oil	%water	%mud
		%gas	%oil	%water	%mud

Rec Total 525 Final BHT 103 Gravity N/A API RW .054 @ 100 °F Chlorides 104,000 ppm
(A) Initial Hydrostatic 1396 ☒ Test 1125.00 T-On Location 0731
(B) First Initial Flow 93 ☐ Jars T-Started 0742
(C) First Final Flow 222 ☐ Safety Joint T-Open 0857
(D) Initial Shut-In 1117 ☐ Circ Sub T-Pulled 1204
(E) Second Initial Flow 148 ☐ Hourly Standby T-Out 1338
(F) Second Final Flow 258 ☒ Mileage 76 95.00 Comments
(G) Final Shut-In 1115 ☐ Sampler
(H) Final Hydrostatic 1322 ☐ Straddle ☐ Ruined Shale Packer
☐ Shale Packer ☐ Ruined Packer
☐ Extra Packer ☐ Extra Copies
☐ Extra Recorder
☐ Day Standby
☐ Accessibility

Initial Open 30
Initial Shut-In 60
Final Flow 30
Final Shut-In 60

Sub Total 1220.00

Sub Total
Total 1220.00
MP/DST Disc't

Approved By Jon Mess

Our Representative

Cony Pustan

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GAS VOLUME REPORT

Messenger Ptl. Ins.
OPERATOR

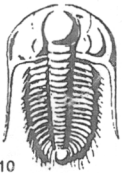
E REPORT *Coety* *7/1*
WELL NAME AND NO.

2
DST NO.

Initial Open

Final Open

Remarks:



**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JUN 29 2010
BY: _____

Test Ticket

NO. 039228

Well Name & No. Cooty #1 Test No. 3 Date 6-21-10
Company Messenger Petr. Inc. Elevation 1668 KB 1659 GL
Address 525 S. Main, Kingman Ks. 67068
Co. Rep / Geo. Jon Messenger Rig Stirling Dug #4
Location: Sec. 29 Twp. 29S Rge. 9W Co. Kingman State Ks.

Interval Tested 2950-2963' Zone Tested Topoka
Anchor Length 13' Drill Pipe Run 2743' Mud Wt. 9.5
Top Packer Depth 2945 & 2950' Drill Collars Run 217' Vis 29
Bottom Packer Depth 2963' Wt. Pipe Run 0 WL 36.6 cc
Total Depth 3033' Chlorides 28,000 ppm System LCM 0

Blow Description IF: Strong blow. GTS in 3.5 mins. (see gas flow report)
IST: Weak blow. 1/2".
FF: Strong blow. (see gas flow report)
FST: Weak blow. 1/2-1".

Rec	Feet of	%gas	%oil	%water	%mud
<u>70</u>	<u>mw</u>			<u>64</u>	<u>3</u>
<u>90</u>	<u>sw</u>				

Rec Total 260' BHT 93 Gravity N/A API RW .07 @ 81 °F Chlorides 93,000 ppm
(A) Initial Hydrostatic 1442 ☒ Test 1125.00 T-On Location 2327
(B) First Initial Flow 122 ☐ Jars 2339
(C) First Final Flow 253 ☐ Safety Joint 0139
(D) Initial Shut-In 1158 ☐ Circ Sub 0412
(E) Second Initial Flow 194 ☐ Hourly Standby 0618
(F) Second Final Flow 287 ☒ Mileage 76.5 95.00 Comments _____
(G) Final Shut-In 1156 ☐ Sampler _____
(H) Final Hydrostatic 1392 ☒ Straddle 600 ☐ Ruined Shale Packer _____
☐ Shale Packer _____ ☐ Ruined Packer _____
☐ Extra Packer _____ ☐ Extra Copies _____
☐ Extra Recorder _____

Initial Open 30
Initial Shut-In 45
Final Flow 30
Final Shut-In 45

Sub Total 1820.00

MP/DST Disc't _____

Approved By [Signature]

Our Representative [Signature]

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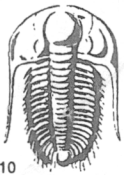
GAS VOLUME REPORT

REPORT
Coety #1
WELL NAME AND NO.

3
DST NO

Final Oser

Remarks:



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JUN 29 2010

Test Ticket

NO. 039229

4/10

Well Name & No. <u>Croety #1</u>	Test No. <u>4</u>	Date <u>6-23-10</u>
Company <u>Messenger Petroleum Inc.</u>	Elevation <u>1668</u>	KB <u>1659</u> GL
Address <u>525 S. Main, Kingman Ks. 67068</u>		
Co. Rep / Geo. <u>Jon Messenger</u>	Rig <u>Stirling Dwyer #4</u>	
Location: Sec. <u>29</u> Twp. <u>29S</u> Rge. <u>9W</u>	Co. <u>Kingman</u>	State <u>Ks.</u>

Interval Tested <u>3936 - 3951'</u>	Zone Tested <u>Swope</u>
Anchor Length <u>15'</u>	Drill Pipe Run <u>3731'</u>
Top Packer Depth <u>3931'</u>	Drill Collars Run <u>217'</u>
Bottom Packer Depth <u>3936'</u>	Wt. Pipe Run <u>0'</u>
Total Depth <u>3951'</u>	Chlorides <u>5,000</u> ppm System LCM <u>0</u>
Blow Description <u>IF: Fair blow. Slow increase to 11". IST: No blow.</u>	

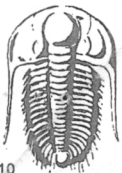
FF: Fair blow. Slow increase to 10". FST: No blow.

Rec <u>280</u> Feet of <u>GSP</u>	%gas <u>30</u> %oil <u>3</u> %water <u>37</u> %mud
Rec <u>35</u> Feet of <u>OCWM</u>	%gas <u>20</u> %oil <u>23</u> %water <u>57</u> %mud
Rec <u>105</u> Feet of <u>MW w/aspect</u>	%gas <u>86</u> %oil <u>14</u> %water <u>14</u> %mud
Rec _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud
Rec _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud
Rec Total <u>140 Fluid</u> BHT <u>120°</u>	Gravity <u>N/A</u> API RW <u>-09 @ 66° F</u> Chlorides <u>94,000</u> ppm
(A) Initial Hydrostatic <u>1904</u>	☒ Test <u>1125°</u>
(B) First Initial Flow <u>22</u>	☐ Jars _____
(C) First Final Flow <u>58</u>	☐ Safety Joint _____
(D) Initial Shut-In <u>1472</u>	☐ Circ Sub _____
(E) Second Initial Flow <u>65</u>	☐ Hourly Standby _____
(F) Second Final Flow <u>93</u>	☒ Mileage <u>70</u> <u>95°</u>
(G) Final Shut-In <u>1432</u>	☐ Sampler _____
(H) Final Hydrostatic <u>1867</u>	☐ Straddle _____
Initial Open <u>30</u>	☐ Shale Packer _____
Initial Shut-In <u>45</u>	☐ Extra Packer _____
Final Flow <u>30</u>	☐ Extra Recorder _____
Final Shut-In <u>45</u>	☐ Day Standby _____
	☐ Accessibility _____
	Sub Total <u>1220</u>
	T-On Location <u>2322</u>
	T-Started <u>2331</u>
	T-Open <u>0159</u>
	T-Pulled <u>0433</u>
	T-Out <u>0641</u>
	Comments _____
	☐ Ruined Shale Packer _____
	☐ Ruined Packer _____
	☐ Extra Copies _____
	Sub Total _____
	Total <u>1220°</u>
	MP/DST Disc't _____

Approved By [Signature]

Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039230

RECEIVED
JUN 29 2010

Well Name & No. Goety #1 Test No. 5 Date 6-25-10
 Company Messenger Petr. Inc. Elevation 1668 KB 1659 GL
 Address 325 S. Main, Kingman Ks. 67068
 Co. Rep / Geo. Jon Messenger Rig Sterling Drilg. #4
 Location: Sec. _____ Twp. _____ Rge. _____ Co. _____ State _____

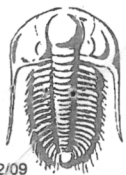
Interval Tested 4398 - 4405' Zone Tested Viola
 Anchor Length 7' Drill Pipe Run 427' Mud Wt. 9.4
 Top Packer Depth 4393' Drill Collars Run 217' Vis 50
 Bottom Packer Depth 4398' Wt. Pipe Run 0 WL 11.2cc
 Total Depth 4405' Chlorides 6,000 ppm System LCM 0
 Blow Description IF: Strong blow. B.O.B. in S3 sec. ISI: Fair blow.
Increase to 11" x 0
FF: Strong blow. B.O.B. in S5 sec. FSI: No blow,

Rec <u>110</u>	Feet of <u>MW</u>	%gas	%oil	<u>74</u> %water	<u>26</u> %mud
Rec <u>3135</u>	Feet of <u>Cgs SW</u>	<u>4</u> %gas	%oil	<u>96</u> %water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 3245' BHT 137 Gravity N/A API RW 08 @ 85 °F Chlorides 79,000 ppm
 (A) Initial Hydrostatic 2167 ☒ Test 1225 T-On Location 1922
 (B) First Initial Flow 707 ☐ Jars _____ T-Started 1927
 (C) First Final Flow 1408 ☐ Safety Joint _____ T-Open 2139
 (D) Initial Shut-In 1561 ☐ Circ Sub _____ T-Pulled 0034
 (E) Second Initial Flow 1419 ☐ Hourly Standby _____ T-Out 6322
 (F) Second Final Flow 1558 ☒ Mileage 76 95 Comments _____
 (G) Final Shut-In 1562 ☐ Sampler _____
 (H) Final Hydrostatic 2095 ☐ Straddle _____

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Initial Open 30 ☐ Extra Packer
 Initial Shut-In 60 ☐ Extra Recorder
 Final Flow 30 ☐ Day Standby
 Final Shut-In 60 ☐ Accessibility
 Sub Total 1320
 Total 1320.00
 MP/DST Disc't _____

Approved By Jon Messenger Our Representative Gay P. [Signature]
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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
JUN 28 2010

Test Ticket

NO. 38718

Well Name & No. Goetz #1 Test No. 6 Date 6-26-10
 Company Messenger Petroleum Inc Elevation 1667 KB 1659 GL
 Address 525 S. MAIN Kingman, KS 67068
 Co. Rep / Geo. Jon Messenger Rig STERLING rig 4
 Location: Sec. 29 Twp. 29^S Rge. 9^W Co. Kingman State KS

Interval Tested 4454-4471 Zone Tested Simpson
 Anchor Length 17 Drill Pipe Run 4248 Mud Wt. 9.3
 Top Packer Depth 4449 Drill Collars Run 210 Vis 50
 Bottom Packer Depth 4454 Wt. Pipe Run - WL 12.8
 Total Depth 4471 Chlorides 10000 ppm System LCM -

Blow Description IFP - WEAK SURFACE BLOW, died in 19 min
ISIP - NO BLOW
FFP - NO BLOW
ISIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>				
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

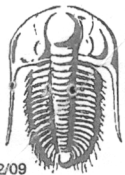
Rec Total 5 BHT 125 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic	<u>2094</u>	☒ Test	<u>1225-</u>	T-On Location	<u>1350</u>
(B) First Initial Flow	<u>17</u>	☐ Jars		T-Started	<u>1421</u>
(C) First Final Flow	<u>18</u>	☐ Safety Joint		T-Open	<u>1550</u>
(D) Initial Shut-In	<u>29</u>	☐ Circ Sub		T-Pulled	<u>1735</u>
(E) Second Initial Flow	<u>19</u>	☐ Hourly Standby		T-Out	<u>1916</u>
(F) Second Final Flow	<u>19</u>	☒ Mileage	<u>84 RT 105-</u>	Comments	
(G) Final Shut-In	<u>26</u>	☐ Sampler			
(H) Final Hydrostatic	<u>2070</u>	☐ Straddle			

Initial Open	<u>30</u>	☐ Shale Packer	☐ Ruined Shale Packer
Initial Shut-In	<u>30</u>	☐ Extra Packer	☐ Ruined Packer
Final Flow	<u>15</u>	☐ Extra Recorder	☐ Extra Copies
Final Shut-In	<u>30</u>	☐ Day Standby	Sub Total <u>0</u>
		☐ Accessibility	Total <u>1330-</u>
		Sub Total <u>1330-</u>	

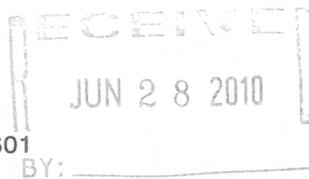
Approved By [Signature] Our Representative RAY SCHWAGER Thank you

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**TRILOBITE
TESTING INC.**

P.O. Box 1733 • Hays, Kansas 67601



Test Ticket

NO. 38719

Well Name & No. Goetz #1 Test No. 7 Date 6-27-10
Company Messenger Petroleum Inc Elevation 1667 KB 1659 GL
Address 525 S. MAIN Kingman, Ks 67068
Co. Rep / Geo. Jon Messenger Rig STERLING rig 4
Location: Sec. 29 Twp. 29 Rge. 9W Co. Kingman State K

Interval Tested 4470 - 4477 Zone Tested Simpson
Anchor Length 7 Drill Pipe Run 4247 Mud Wt. 9.3
Top Packer Depth 4465 Drill Collars Run 210 Vis 47
Bottom Packer Depth 4470 Wt. Pipe Run — WL 12.8
Total Depth 4477 Chlorides 10000 ppm System LCM —
Blow Description IFP - WEAK TO STRONG IN 15 MIN
ISIP - NO BLOW BACK
FFP - WEAK TO A FAIR BLOW 2" TO 5 1/2" BLOW
FSIP - NO BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>490</u>	<u>GIP</u>				
<u>5</u>	<u>Mud</u>				

Rec Total 5 BHT 127 Gravity — API RW — @ — °F Chlorides — ppm
(A) Initial Hydrostatic 2101 ☒ Test 1225 T-On Location 0000
(B) First Initial Flow 10 ☐ Jars T-Started 0100
(C) First Final Flow 13 ☐ Safety Joint T-Open 0250
(D) Initial Shut-In 197 ☐ Circ Sub T-Pulled 0550
(E) Second Initial Flow 12 ☐ Hourly Standby T-Out 0725
(F) Second Final Flow 15 ☒ Mileage 84 RT 105 Comments
(G) Final Shut-In 1017 ☐ Sampler
(H) Final Hydrostatic 2080 ☐ Straddle

☐ Shale Packer ☐ Ruined Shale Packer
☐ Extra Packer ☐ Ruined Packer
☐ Extra Recorder ☐ Extra Copies
☐ Day Standby Sub Total 0
☐ Accessibility Total 1330

Initial Open 30
Initial Shut-In 60
Final Flow 30
Final Shut-In 60
Sub Total 1330
Approved By Jon Messenger Our Representative RAY SCHWAGER THANK YOU

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