

DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc**

525 S Main
Kingman KS 67068

ATTN: Jon Messenger

5 29S 8W Kingman KS

Neville B-1

Start Date: 2008.05.04 @ 05:39:58

End Date: 2008.05.04 @ 12:38:43

Job Ticket #: 31243 DST #: 1

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

Neville B-1

525 S Main
Kingman KS 67068

5 29S 8W Kingman KS

Job Ticket: 31243

DST#: 1

ATTN: Jon Messenger

Test Start: 2008.05.04 @ 05:39:58

GENERAL INFORMATION:

Formation: **Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:49:13

Time Test Ended: 12:38:43

Test Type: Conventional Bottom Hole

Tester: Kevin Taylor

Unit No: 35

Interval: **3859.00 ft (KB) To 3880.00 ft (KB) (TVD)**

Total Depth: 3880.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1687.00 ft (KB)

1678.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8357

Inside

Press@RunDepth: 68.35 psig @ 3860.00 ft (KB)

Start Date: 2008.05.04

End Date:

2008.05.04

Start Time: 05:40:03

End Time:

12:38:42

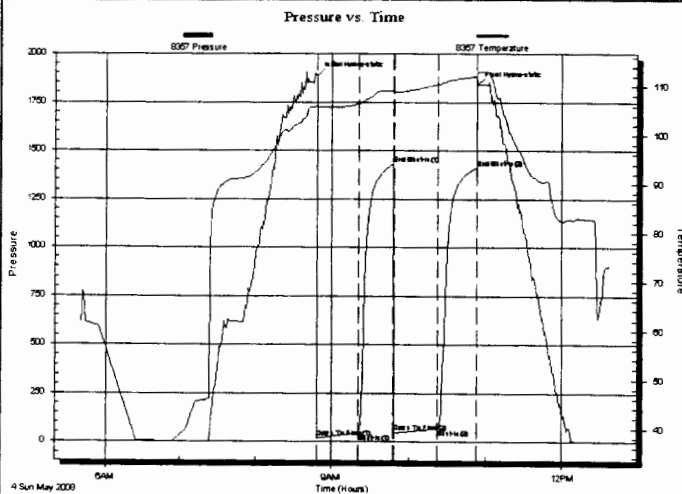
Capacity: 7000.00 psig

Last Calib.: 2008.05.04

Time On Btm: 2008.05.04 @ 08:48:43

Time Off Btm: 2008.05.04 @ 10:52:43

TEST COMMENT: IF Weak blow built to 1 3/4 " in 30 min
ISI Weak blow 3/4 " dead on 30 min.
FF Weak blow built to 1 " in 30 min
FSI Weak blow 1 1/4 " dead in 25 min



PRESSURE SUMMARY

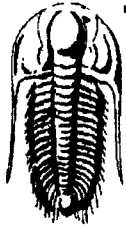
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1888.70	105.99	Initial Hydro-static
1	20.50	105.58	Open To Flow (1)
32	43.78	106.38	Shut-In (1)
59	1431.62	109.15	End Shut-In (1)
60	50.61	108.38	Open To Flow (2)
94	68.35	110.36	Shut-In (2)
124	1413.65	112.06	End Shut-In (2)
124	1837.20	112.43	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
80.00	MGCW 5%G 90%W 5%M	0.59
15.00	SGCM 5%M 95%M	0.11

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc

Neville B-1

525 S Main
Kingman KS 67068

5 29S 8W Kingman KS

Job Ticket: 31243

DST#: 1

ATTN: Jon Messenger

Test Start: 2008.05.04 @ 05:39:58

Tool Information

Drill Pipe:	Length: 3625.00 ft	Diameter: 3.80 inches	Volume: 50.85 bbl	Tool Weight: 2900.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 218.00 ft	Diameter: 2.75 inches	Volume: 1.60 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume:	52.45 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	3859.00 ft			Final 67000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	49.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3832.00	
Shut In Tool	5.00			3837.00	
Hydraulic tool	5.00			3842.00	
Jars	5.00			3847.00	
Safety Joint	3.00			3850.00	
Packer	4.00			3854.00	28.00 Bottom Of Top Packer
Packer	5.00			3859.00	
Stubb	1.00			3860.00	
Recorder	0.00	8167	Inside	3860.00	
Recorder	0.00	8357	Inside	3860.00	
Perforations	15.00			3875.00	
Bullnose	5.00			3880.00	21.00 Bottom Packers & Anchor

Total Tool Length: 49.00



**TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

Neville B-1

525 S Main
Kingman KS 67068

5 29S 8W Kingman KS

Job Ticket: 31243

DST#: 1

ATTN: Jon Messenger

Test Start: 2008.05.04 @ 05:39:58

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:

95000 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.57 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
80.00	MGCW 5%G 90%W 5%M	0.588
15.00	SGCM 5%M 95%M	0.110

Total Length: 95.00 ft

Total Volume: 0.698 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

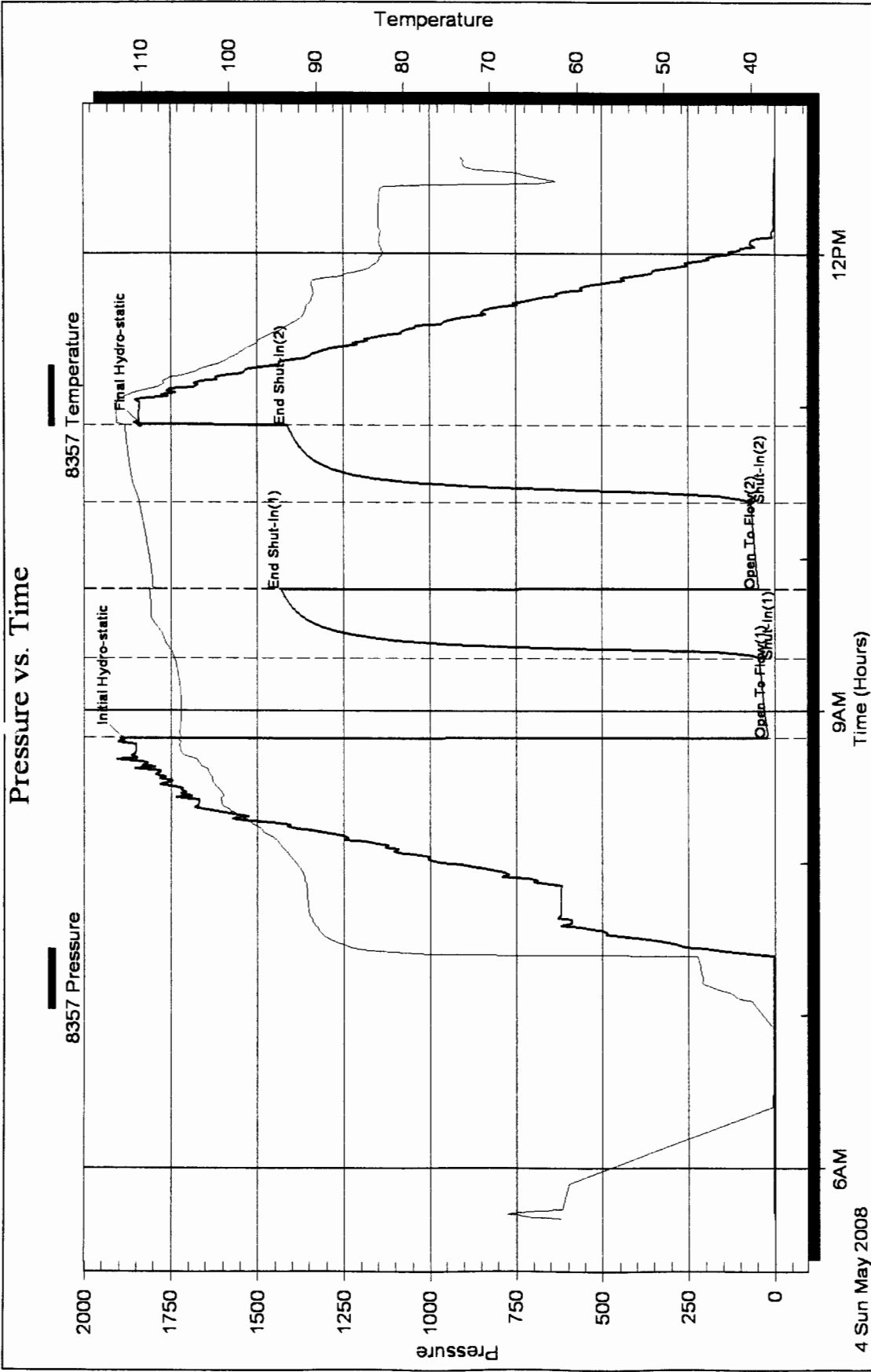
Serial #: 8357

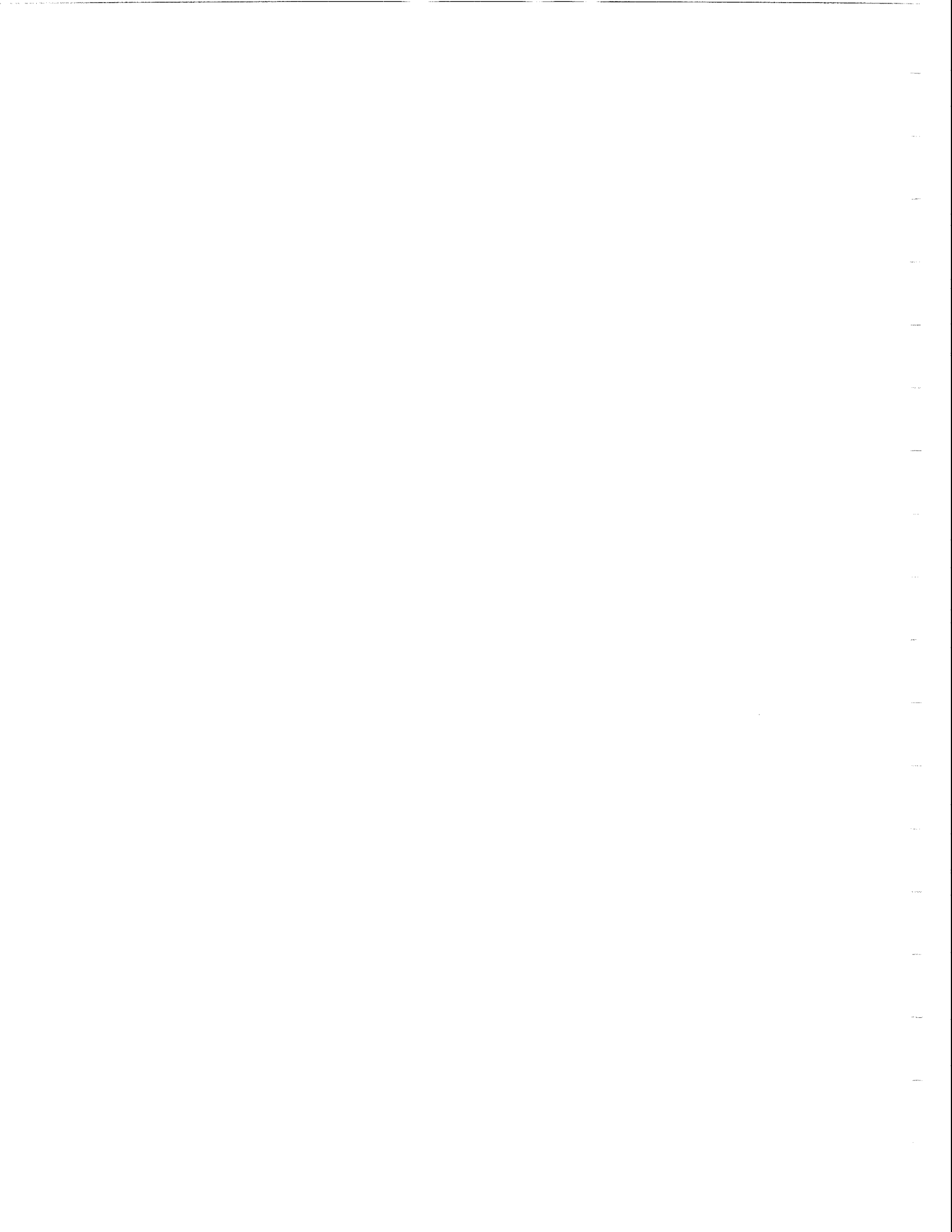
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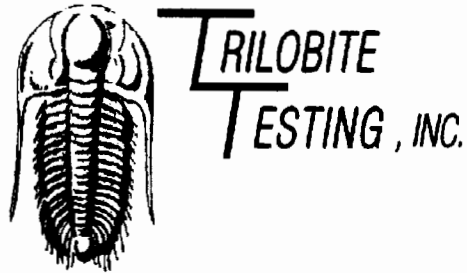
Messenger Petroleum Inc

5 29S 8W Kingman KS

DST Test Number: 1







DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc**

525 S Main
Kingman KS 67068

ATTN: Jon Messenger

5 29S 8W Kingman KS

Neville B-1

Start Date: 2008.05.04 @ 19:43:11

End Date: 2008.05.05 @ 01:21:41

Job Ticket #: 31244 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
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DRILL STEM TEST REPORT

Messenger Petroleum Inc

525 S Main
Kingman KS 67068

ATTN: Jon Messenger

Neville B-1

5 29S 8W Kingman KS

Job Ticket: 31244

DST#: 2

Test Start: 2008.05.04 @ 19:43:11

GENERAL INFORMATION:

Formation: **Hertha**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:31:11

Time Test Ended: 01:21:41

Test Type: Conventional Bottom Hole

Tester: Kevin Taylor

Unit No: 35

Interval: **3898.00 ft (KB) To 3922.00 ft (KB) (TVD)**

Total Depth: 3922.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1687.00 ft (KB)

1678.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8357

Inside

Press@RunDepth: 29.86 psig @ 3899.00 ft (KB)

Start Date: 2008.05.04

End Date:

2008.05.05

Start Time: 19:43:16

End Time:

01:21:40

Capacity: 7000.00 psig

Last Calib.: 2008.05.05

Time On Btm: 2008.05.04 @ 21:30:41

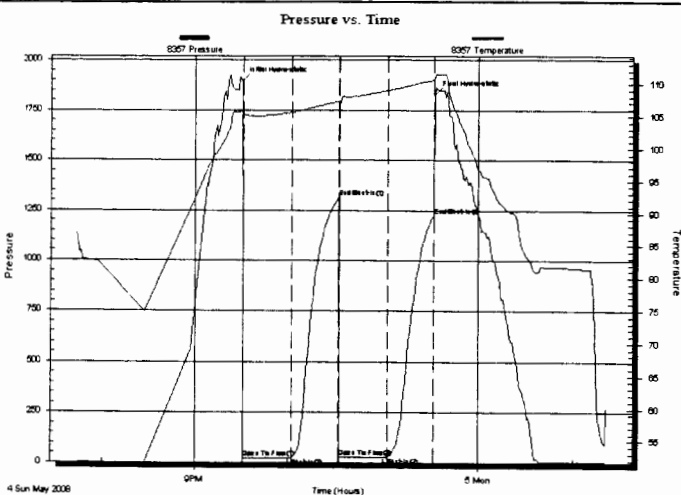
Time Off Btm: 2008.05.04 @ 23:32:11

TEST COMMENT: IF Weak blow built to 1" in 30 min

ISI No Blow

FF No Blow

FSI No Blow



PRESSURE SUMMARY

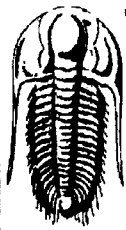
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1895.58	105.80	Initial Hydro-static
1	23.67	105.28	Open To Flow (1)
32	24.88	105.58	Shut-In(1)
61	1314.92	107.30	End Shut-In(1)
62	30.01	106.58	Open To Flow (2)
92	29.86	108.99	Shut-In(2)
122	1225.93	110.61	End Shut-In(2)
122	1831.39	110.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	0.07

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc

Neville B-1

525 S Main
Kingman KS 67068

5 29S 8W Kingman KS

Job Ticket: 31244

DST#: 2

ATTN: Jon Messenger

Test Start: 2008.05.04 @ 19:43:11

Tool Information

Drill Pipe:	Length: 3664.00 ft	Diameter: 3.80 inches	Volume: 51.40 bbl	Tool Weight: 2900.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 27000.00 lb
Drill Collar:	Length: 218.00 ft	Diameter: 2.75 inches	Volume: 1.60 bbl	Weight to Pull Loose: lb
		Total Volume:	53.00 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 67000.00 lb
Depth to Top Packer:	3898.00 ft			Final lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	52.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3871.00	
Shut In Tool	5.00			3876.00	
Hydraulic tool	5.00			3881.00	
Jars	5.00			3886.00	
Safety Joint	3.00			3889.00	
Packer	4.00			3893.00	28.00 Bottom Of Top Packer
Packer	5.00			3898.00	
Stubb	1.00			3899.00	
Recorder	0.00	8167	Inside	3899.00	
Recorder	0.00	8357	Inside	3899.00	
Perforations	18.00			3917.00	
Bullnose	5.00			3922.00	24.00 Bottom Packers & Anchor

Total Tool Length: 52.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

Neville B-1

525 S Main
Kingman KS 67068

5 29S 8W Kingman KS

ATTN: Jon Messenger

Job Ticket: 31244 **DST#: 2**

Test Start: 2008.05.04 @ 19:43:11

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:

bbbl

Water Loss: 10.36 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 45000.00 ppm

Filter Cake: 0.02 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
10.00	Mud	0.073

Total Length: 10.00 ft Total Volume: 0.073 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

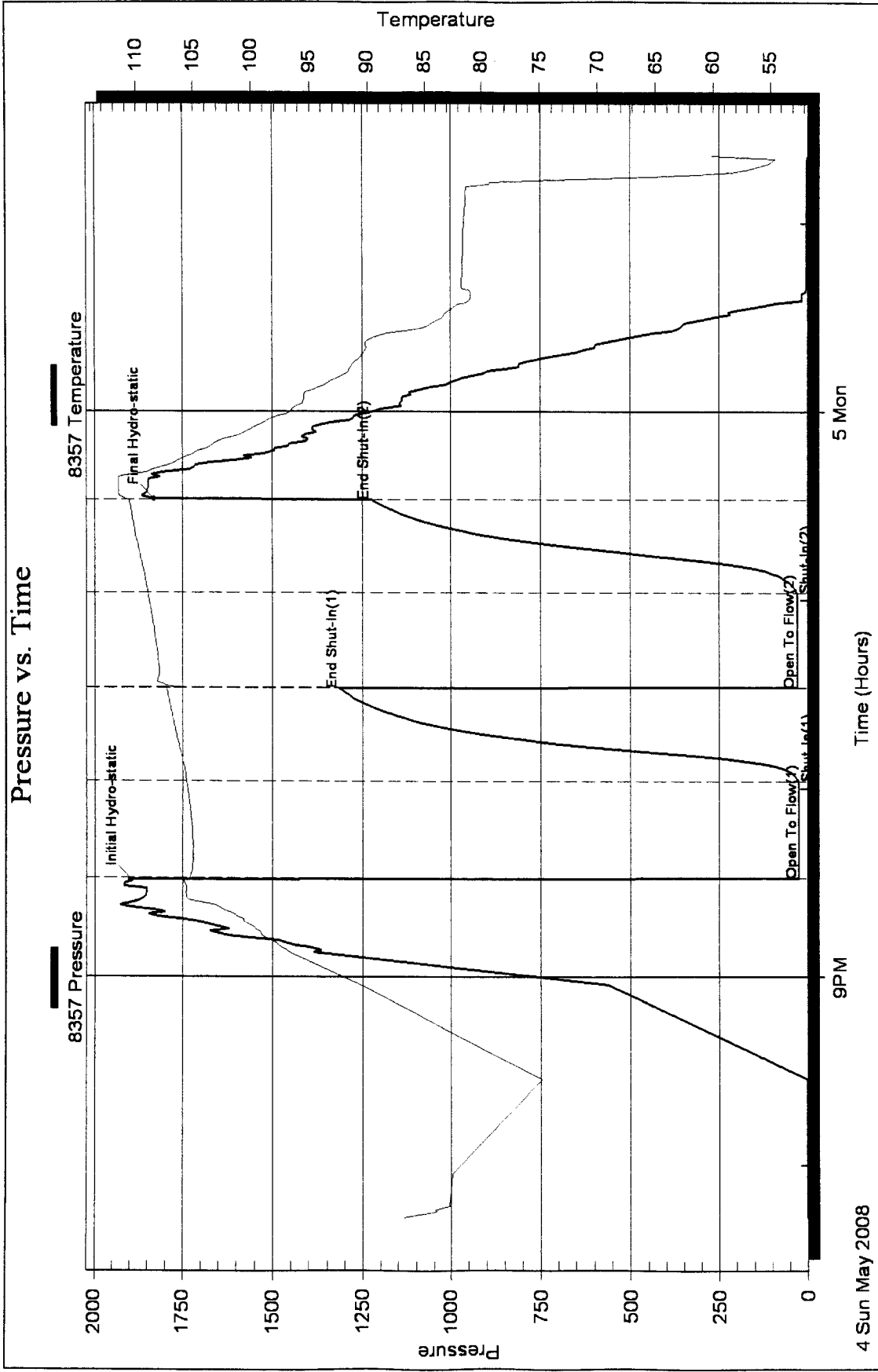
Serial #:

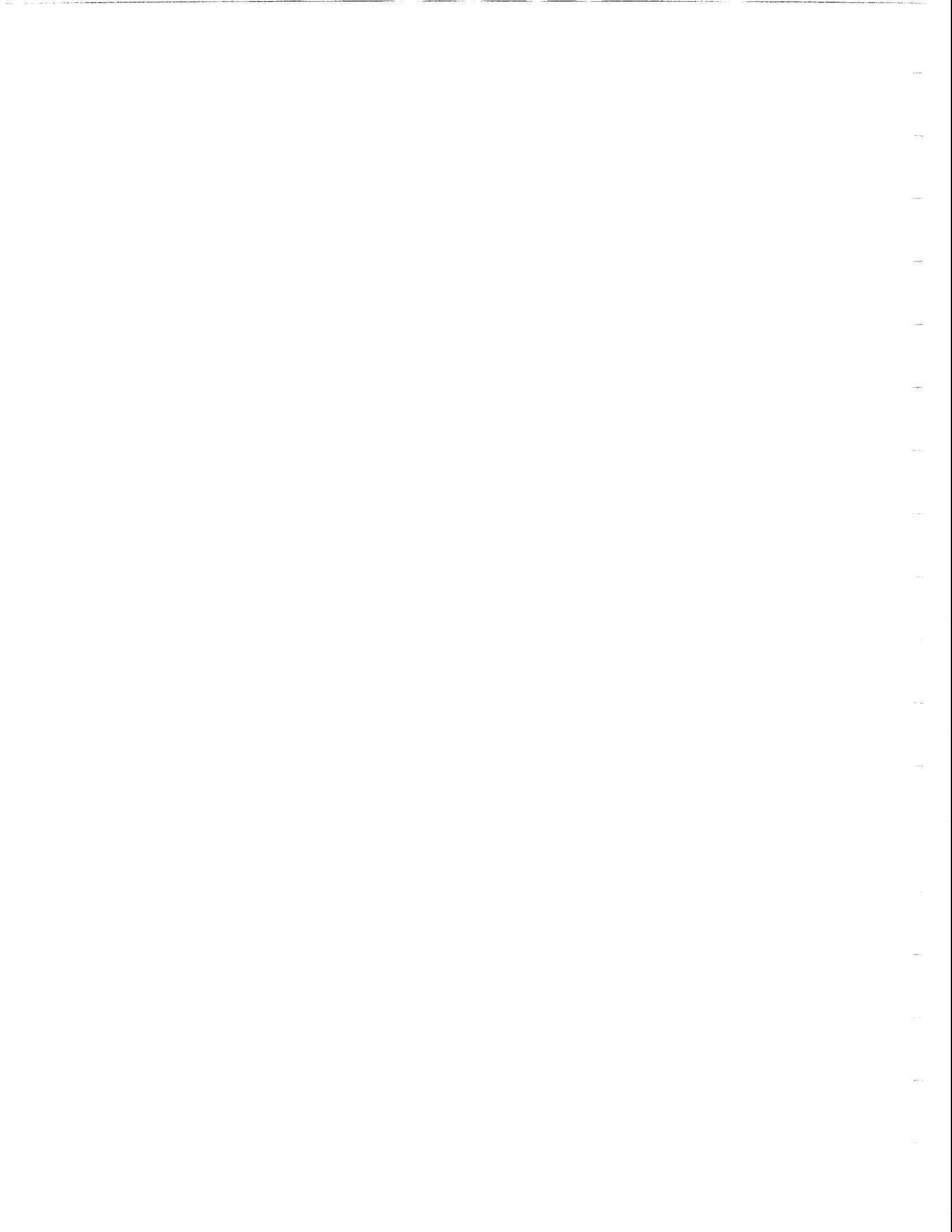
Laboratory Name:

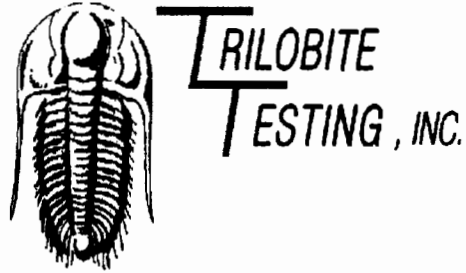
Laboratory Location:

Recovery Comments:

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc**

525 S Main
Kingman KS 67068

ATTN: Jon Messenger

5 29S 8W Kingman KS

Neville B-1

Start Date: 2008.05.06 @ 00:29:54

End Date: 2008.05.06 @ 08:31:54

Job Ticket #: 31245 DST #: 3

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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



**TRILOBITE
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DRILL STEM TEST REPORT

Messenger Petroleum Inc

525 S Main
Kingman KS 67068

ATTN: Jon Messenger

Neville B-1

5 29S 8W Kingman KS

Job Ticket: 31245

DST#: 3

Test Start: 2008.05.06 @ 00:29:54

GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:47:54

Time Test Ended: 08:31:54

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **4169.00 ft (KB) To 4181.00 ft (KB) (TVD)**

Total Depth: 4181.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1687.00 ft (KB)

1678.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8167

Inside

Press@RunDepth: 207.99 psig @ 4170.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.05.06

End Date:

2008.05.06

Last Calib.: 2008.05.06

Start Time: 00:29:59

End Time:

08:31:53

Time On Btm: 2008.05.06 @ 02:46:09

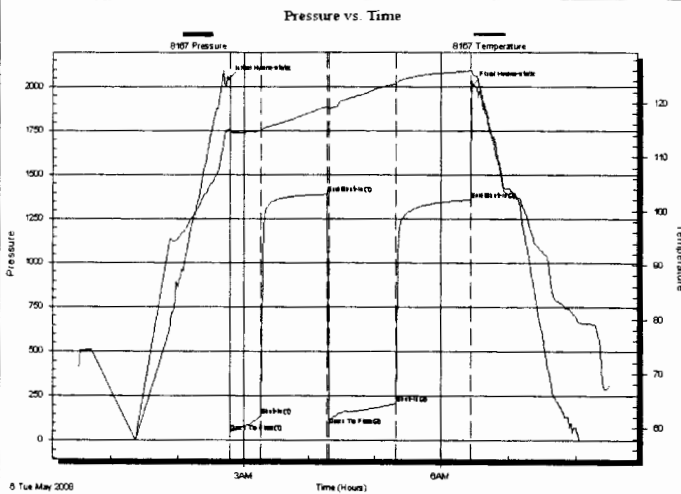
Time Off Btm: 2008.05.06 @ 06:27:54

TEST COMMENT: IF Strong blow BOB in 2 - 3 secs. GTS in 10 mins. see gas flow report

ISI Weak blow 1/2 - 1 1/2 "

FF Strong blow see gas flow report

FSI Weak blow 1/2 "



PRESSURE SUMMARY

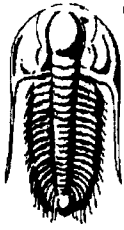
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2044.31	115.08	Initial Hydro-static
2	47.04	114.61	Open To Flow (1)
30	137.17	114.86	Shut-In(1)
91	1390.72	119.36	End Shut-In(1)
92	85.51	118.97	Open To Flow (2)
154	207.99	123.64	Shut-In(2)
220	1360.67	125.94	End Shut-In(2)
222	2008.61	125.24	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
295.00	SW RW .095 OHMS@ 60 deg	2.16
125.00	GCMV 6%G 21%M 73%W	1.75
50.00	GCM 12%G 88%M	0.70

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	11.00	40.30
Last Gas Rate	0.50	15.00	198.32
Max. Gas Rate	0.25	31.00	72.02



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc

Neville B-1

525 S Main
Kingman KS 67068

5 29S 8W Kingman KS

Job Ticket: 31245

DST#: 3

ATTN: Jon Messenger

Test Start: 2008.05.06 @ 00:29:54

Tool Information

Drill Pipe:	Length: 3952.00 ft	Diameter: 3.80 inches	Volume: 55.44 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: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose: 76000.00 lb
		Total Volume: 56.51 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	28.00 ft			String Weight: Initial 70000.00 lb
Depth to Top Packer:	4169.00 ft			Final 71000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4142.00	
Shut In Tool	5.00			4147.00	
Hydraulic tool	5.00			4152.00	
Jars	5.00			4157.00	
Safety Joint	3.00			4160.00	
Packer	4.00			4164.00	28.00 Bottom Of Top Packer
Packer	5.00			4169.00	
Stubb	1.00			4170.00	
Recorder	0.00	8167	Inside	4170.00	
Recorder	0.00	8357	Inside	4170.00	
Perforations	6.00			4176.00	
Bullnose	5.00			4181.00	12.00 Bottom Packers & Anchor

Total Tool Length: 40.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

Neville B-1

525 S Main
Kingman KS 67068

5 29S 8W Kingman KS

Job Ticket: 31245

DST#: 3

ATTN: Jon Messenger

Test Start: 2008.05.06 @ 00:29:54

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 49.00 sec/qt
Water Loss: 11.17 in³
Resistivity: 0.00 ohm.m
Salinity: 6500.00 ppm
Filter Cake: 0.20 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: 116000 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
295.00	SW RW .095 OHMS@ 60 deg	2.161
125.00	GCMV 6%G 21%M 73%W	1.753
50.00	GCM 12%G 88%M	0.701

Total Length: 470.00 ft Total Volume: 4.615 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-3

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Messenger Petroleum Inc

Neville B-1

525 S Main
Kingman KS 67068

5 29S 8W Kingman KS

Job Ticket: 31245

DST#: 3

ATTN: Jon Messenger

Test Start: 2008.05.06 @ 00:29:54

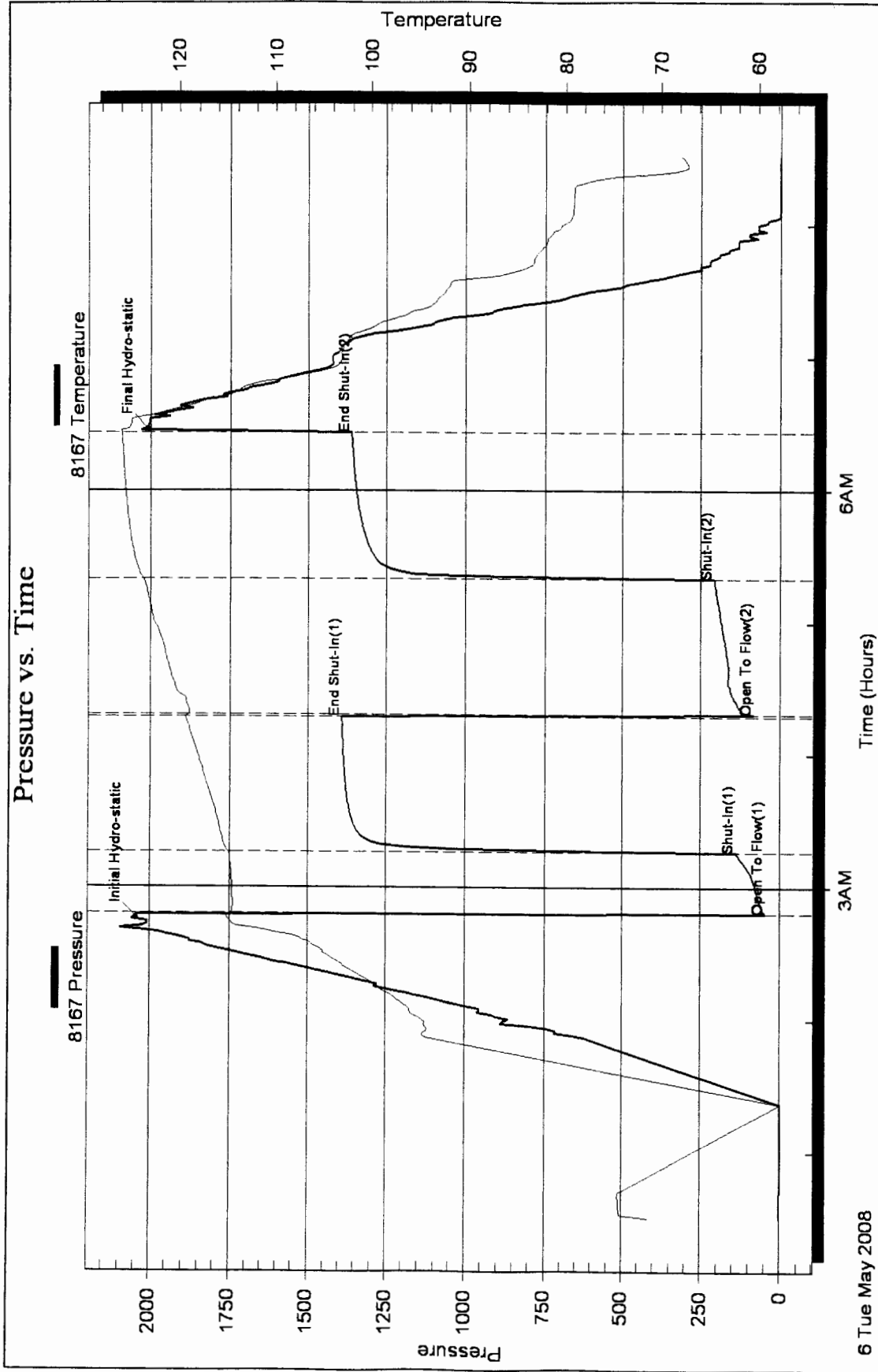
Gas Rates Information

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

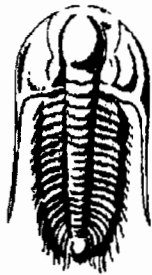
Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	15	0.25	11.00	40.30
1	20	0.25	19.00	52.99
1	30	0.25	31.00	72.02
2	10	0.50	21.00	238.80
2	20	0.50	19.00	225.31
2	30	0.50	16.00	205.07
2	40	0.50	15.00	198.32
2	50	0.50	15.00	198.32
2	60	0.50	15.00	198.32

Pressure vs. Time



6 Tue May 2008



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Messenger Petroleum Inc**

525 S Main
Kingman KS 67068

ATTN: Jon Messenger

5 29S 8W Kingman KS

Neville B-1

Start Date: 2008.05.06 @ 16:47:01

End Date: 2008.05.06 @ 23:00:01

Job Ticket #: 31246 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

Neville B-1

5 29S 8W Kingman KS

Job Ticket: 31246

DST#: 4

Test Start: 2008.05.06 @ 16:47:01

GENERAL INFORMATION:

Formation: **Miss.**

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

Time Tool Opened: 18:34:46

Time Test Ended: 23:00:01

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **4193.00 ft (KB) To 4211.00 ft (KB) (TVD)**

Total Depth: 4211.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1687.00 ft (KB)

1678.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8167 **Inside**

Press@RunDepth: 419.24 psig @ 4194.00 ft (KB)

Start Date: 2008.05.06

End Date: 2008.05.06

Start Time: 16:47:06

End Time: 23:00:00

Capacity: 7000.00 psig

Last Calib.: 2008.05.06

Time On Btm: 2008.05.06 @ 18:32:46

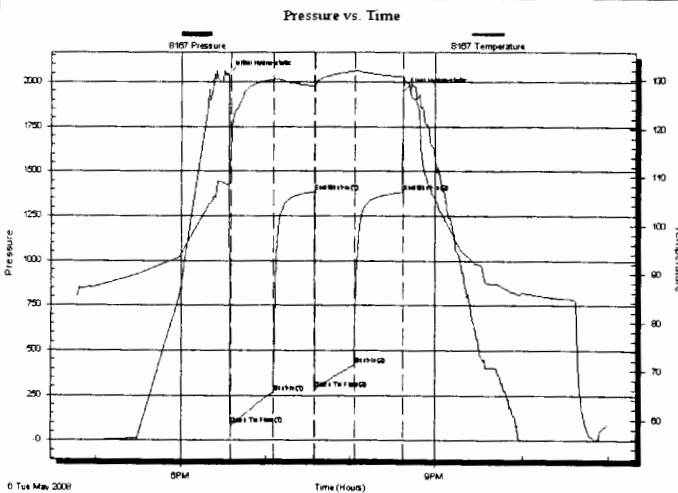
Time Off Btm: 2008.05.06 @ 20:37:46

TEST COMMENT: IF Strong blow BOB in 30 secs.

ISI Fair blow 3 - 6 "

FF Strong blow BOB in 6 mins. GTS in 27 mins. TSTM

FSI Fair blow 1 - 4 "



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2040.83	108.44	Initial Hydro-static
2	89.32	114.23	Open To Flow (1)
33	266.11	130.15	Shut-In(1)
62	1385.14	128.78	End Shut-In(1)
63	286.12	128.38	Open To Flow (2)
91	419.24	131.89	Shut-In(2)
125	1382.38	130.75	End Shut-In(2)
125	1948.19	130.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
635.00	GCW w/few O specs 5%G 95%W	6.93
0.00	RW.09 OHMS@ 57 deg	0.00
125.00	GOCMW 10%G 5%O 9%M 76%W	1.75
90.00	GOCMW 10%G 11%O 31%M 48%W	1.26

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Messenger Petroleum Inc

Neville B-1

525 S Main
Kingman KS 67068

5 29S 8W Kingman KS

Job Ticket: 31246

DST#: 4

ATTN: Jon Messenger

Test Start: 2008.05.06 @ 16:47:01

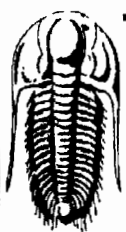
Tool Information

Drill Pipe:	Length: 3981.00 ft	Diameter: 3.80 inches	Volume: 55.84 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: 2.25 inches	Volume: 1.07 bbl	Weight to Pull Loose:	77000.00 lb
		Total Volume: 56.91 bbl		Tool Chased	0.00 ft
Drill Pipe Above KB:	33.00 ft			String Weight: Initial	70000.00 lb
Depth to Top Packer:	4193.00 ft			Final	72000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	18.00 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
Change Over Sub	1.00			4166.00	
Shut In Tool	5.00			4171.00	
Hydraulic tool	5.00			4176.00	
Jars	5.00			4181.00	
Safety Joint	3.00			4184.00	
Packer	4.00			4188.00	28.00 Bottom Of Top Packer
Packer	5.00			4193.00	
Stubb	1.00			4194.00	
Recorder	0.00	8167	Inside	4194.00	
Recorder	0.00	8357	Inside	4194.00	
Perforations	12.00			4206.00	
Bullnose	5.00			4211.00	18.00 Bottom Packers & Anchor

Total Tool Length: 46.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Messenger Petroleum Inc

Neville B-1

525 S Main
Kingman KS 67068

5 29S 8W Kingman KS

Job Ticket: 31246

DST#: 4

ATTN: Jon Messenger

Test Start: 2008.05.06 @ 16:47:01

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:

112000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 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 bbbl
635.00	G CW w/few O specs 5%G 95%W	6.931
0.00	RW.09 OHMS@ 57 deg	0.000
125.00	GOCMW 10%G 5%O 9%M 76%W	1.753
90.00	GOCMW 10%G 11%O 31%M 48%W	1.262

Total Length: 850.00 ft

Total Volume: 9.946 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 4

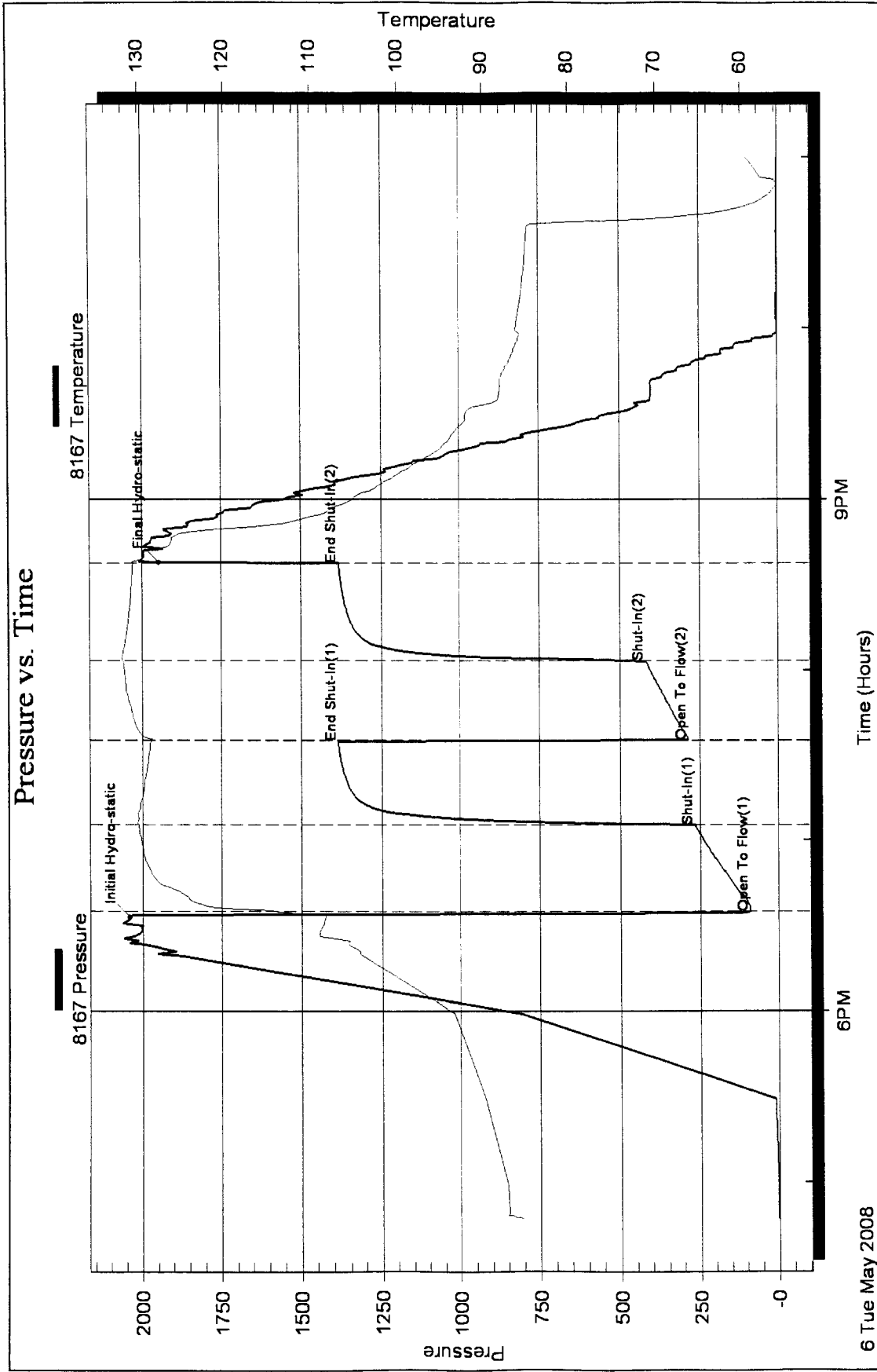
5 29S 8W Kingman KS

Messenger Petroleum Inc

Inside

Serial #: 8167

Pressure vs. Time



Ref. No: 31246

Trilobite Testing, Inc

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