



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

MG Oil Inc.
 PO Box 162
 Russell, KS 67665
 ATTN: Neil Sharp

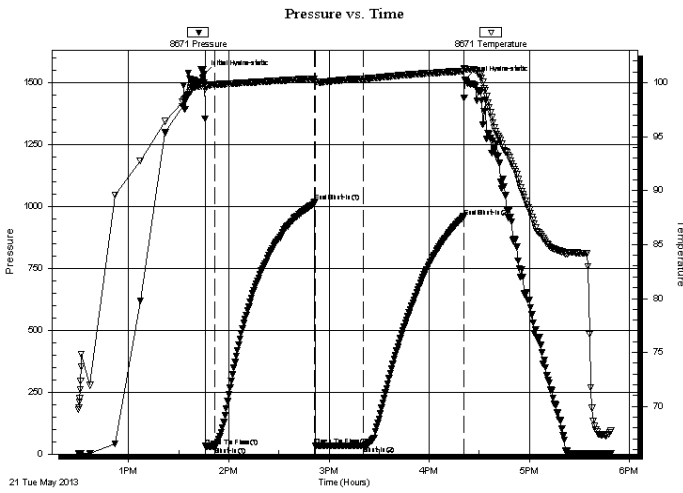
12/8s/20w Rooks KS
Marcotte #1-12
 Job Ticket: 52610 **DST#:1**
 Test Start: 2013.05.21 @ 12:30:00

GENERAL INFORMATION:

Formation: **Toronto - Lans. "A"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:46:00
 Time Test Ended: 17:49:00
 Interval: **3158.00 ft (KB) To 3219.00 ft (KB) (TVD)**
 Total Depth: 3219.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 1983.00 ft (KB)
 1977.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8671 Inside
 Press@RunDepth: 33.70 psig @ 3159.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.21 End Date: 2013.05.21 Last Calib.: 2013.05.21
 Start Time: 12:30:05 End Time: 17:48:59 Time On Btm: 2013.05.21 @ 13:45:30
 Time Off Btm: 2013.05.21 @ 16:21:15

TEST COMMENT: 5 - IF: 2 1/2" Surge blow at open, bled off, weak surface blow till close
 60 - ISI: No blowback
 30 - FF: No blow
 60 - FSI: No blowback



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1533.71	99.97	Initial Hydro-static
1	31.59	99.35	Open To Flow(1)
6	31.68	99.80	Shut-In(1)
66	1017.11	100.37	End Shut-In(1)
67	32.67	100.04	Open To Flow(2)
95	33.70	100.36	Shut-In(2)
155	958.59	101.06	End Shut-In(2)
156	1510.60	101.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	Mud	0.42
0.00	Oil spots in tool	0.00

Gas Rates

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

Serial #: 8671

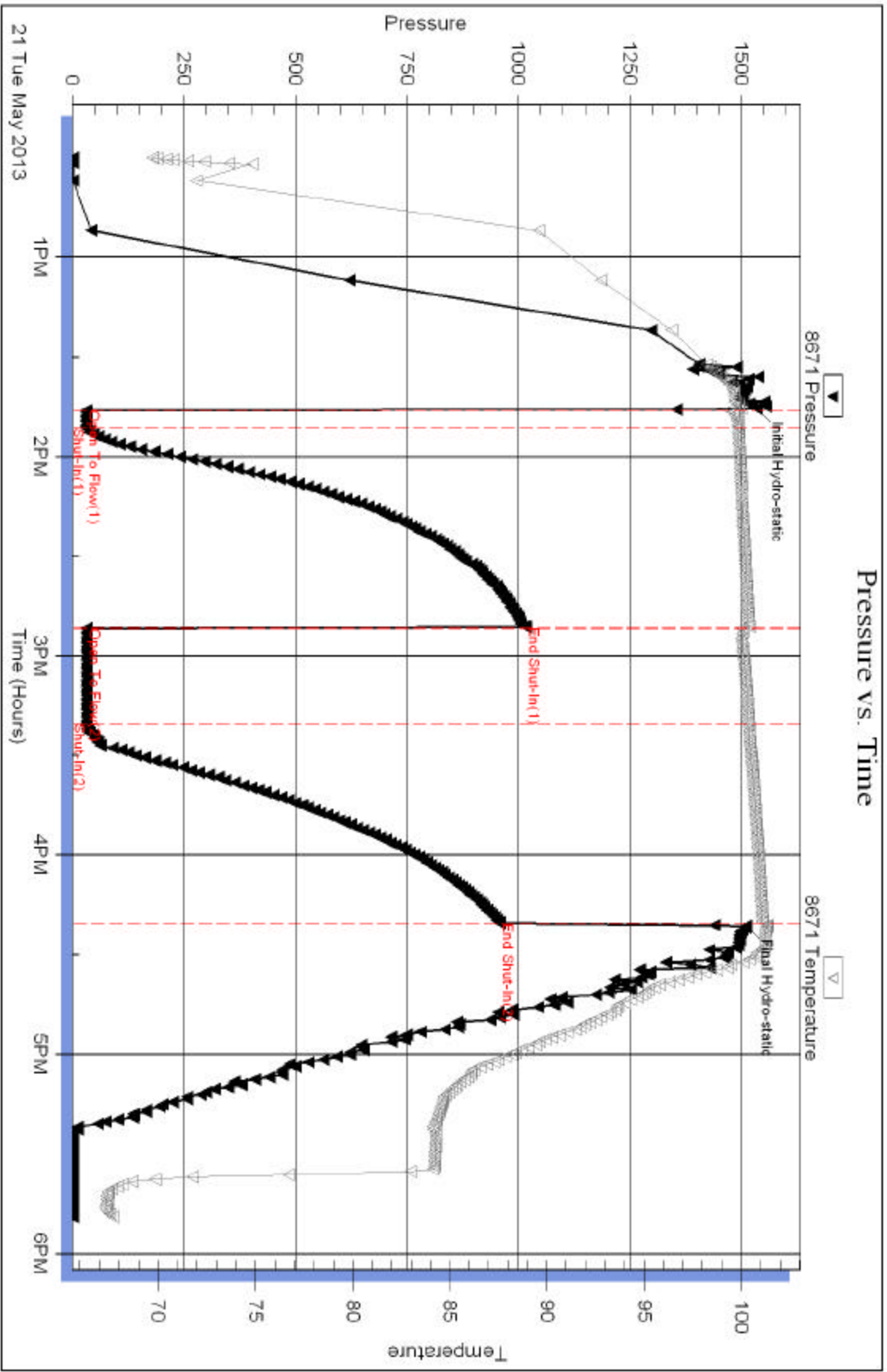
Inside

MG Oil Inc.

Wacorde #1-12

DST Test Number: 1

Pressure vs. Time



Trickle Testing, Inc

Ref. No.: 52610

Printed: 2013.05.22 @ 11:16:44



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

MG Oil Inc.
 PO Box 162
 Russell, KS 67665
 ATTN: Neil Sharp

12/8s/20w Rooks KS
Marcotte #1-12
 Job Ticket: 52611 **DST#:2**
 Test Start: 2013.05.22 @ 04:20:00

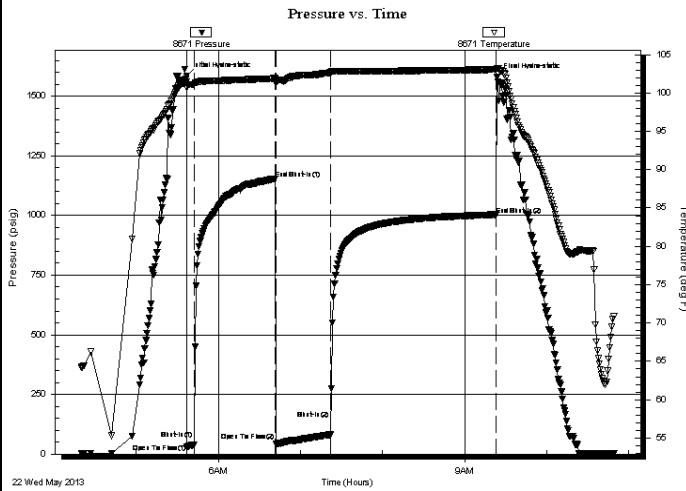
GENERAL INFORMATION:

Formation: **LKC "C - F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 05:37:15
 Time Test Ended: 10:49:15
 Interval: **3228.00 ft (KB) To 3295.00 ft (KB) (TVD)**
 Total Depth: 3295.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 57
 Reference Elevations: 1983.00 ft (KB)
 1977.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8671 Inside

Press@RunDepth: 81.73 psig @ 3229.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.05.22 End Date: 2013.05.22 Last Calib.: 2013.05.22
 Start Time: 04:20:00 End Time: 10:49:15 Time On Btm: 2013.05.22 @ 05:37:00
 Time Off Btm: 2013.05.22 @ 09:23:30

TEST COMMENT: 5 - IF: 2 1/2" surge blow at open, built to 4 3/4"
 60 - ISI: No blowback
 40 - FF: Blow built to 10"
 120 - FSI: No blowback



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1584.03	101.44	Initial Hydro-static
1	31.05	100.75	Open To Flow(1)
6	39.84	101.12	Shut-In(1)
65	1154.50	101.89	End Shut-In(1)
65	41.07	101.20	Open To Flow(2)
105	81.73	102.66	Shut-In(2)
226	1003.39	103.05	End Shut-In(2)
227	1578.65	103.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w/oil spots 99%m, 1%o	0.07
125.00	WCM w/trace oil 60%m, 40%w	1.75

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

MG Oil Inc.
PO Box 162
Russell, KS 67665
ATTN: Neil Sharp

12/8s/20w Rooks KS
Marcotte #1-12
Job Ticket: 52611 **DST#:2**
Test Start: 2013.05.22 @ 04:20:00

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:	26000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud w/oil spots 99%m, 1%o	0.070
125.00	WCM w/trace oil 60%m, 40%w	1.753

Total Length: 130.00ft Total Volume: 1.823 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: RW = .225 ohms @ 83.2 deg F
Chlorides = 26,000 ppm

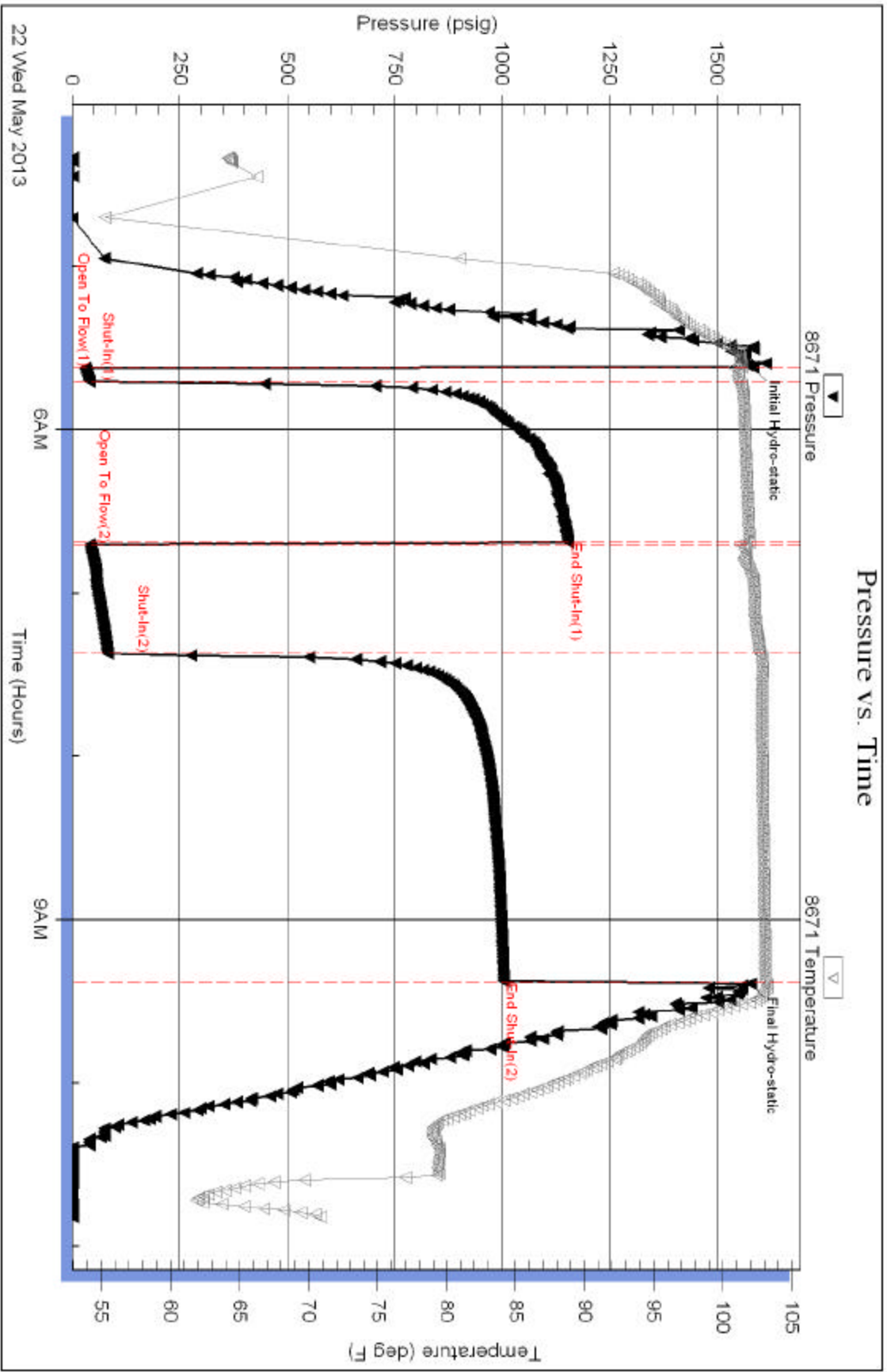
Serial #: 8671

Inside

MGOil Inc.

Mercode #1-12

DST Test Number: 2



Trickle Testing, Inc

Ref. No: 52611

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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

MG Oil Inc.
PO Box 162
Russell, KS 67665
ATTN: Neil Sharp

12/8s/20w Rooks KS
Marcotte #1-12
Job Ticket: 52612 **DST#: 3**
Test Start: 2013.05.22 @ 21:30:00

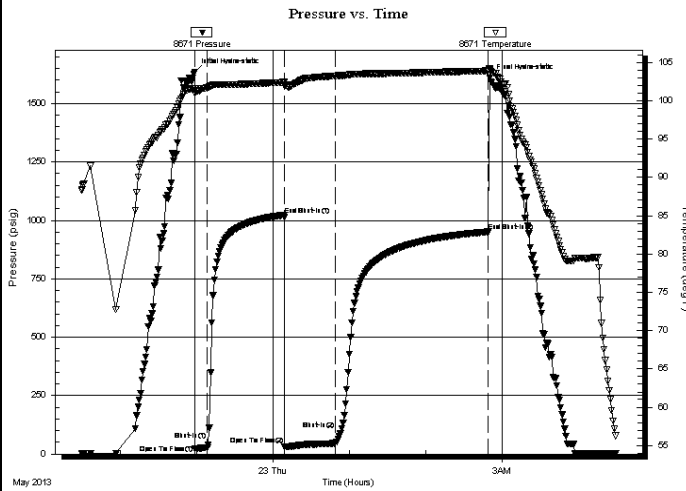
GENERAL INFORMATION:

Formation: **LKC "H - J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 22:59:00
Time Test Ended: 04:29:30
Interval: **3319.00 ft (KB) To 3386.00 ft (KB) (TVD)**
Total Depth: 3386.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Reset)
Tester: James Winder
Unit No: 57
Reference Elevations: 1983.00 ft (KB)
1977.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8671 Inside

Press@RunDepth: 46.68 psig @ 3320.00 ft (KB)
Start Date: 2013.05.22 End Date: 2013.05.23
Start Time: 21:30:00 End Time: 04:29:30
Capacity: 8000.00 psig
Last Calib.: 2013.05.23
Time On Btm: 2013.05.22 @ 22:58:45
Time Off Btm: 2013.05.23 @ 02:50:30

TEST COMMENT: 10 - IF: Blow built to 2 1/4"
60 - ISI: No blowback
40 - FF: Blow started at 6 min., built to 3 1/4"
120 - FSI: No blowback



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1635.30	101.56	Initial Hydro-static
1	21.60	100.98	Open To Flow(1)
10	28.79	101.70	Shut-In(1)
71	1022.63	102.42	End Shut-In(1)
71	30.56	101.92	Open To Flow(2)
111	46.68	103.24	Shut-In(2)
231	951.33	103.89	End Shut-In(2)
232	1610.14	104.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	Oil 96%o, 4%m	0.04
57.00	OCM 86%m, 13%o, 1%g	0.80

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

FLUID SUMMARY

MG Oil Inc.
PO Box 162
Russell, KS 67665
ATTN: Neil Sharp

12/8s/20w Rooks KS
Marcotte #1-12
Job Ticket: 52612 **DST#: 3**
Test Start: 2013.05.22 @ 21:30:00

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	35.8 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 50.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.19 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1300.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	Oil 96%o. 4%m	0.042
57.00	OCM 86%m. 13%o. 1%g	0.800

Total Length: 60.00ft Total Volume: 0.842 bbl
 Num Fluid Samples:0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments: Gravity = 35.2 api @ 54 deg F
 Corrected Gravity = 35.8 api

Serial #: 8671

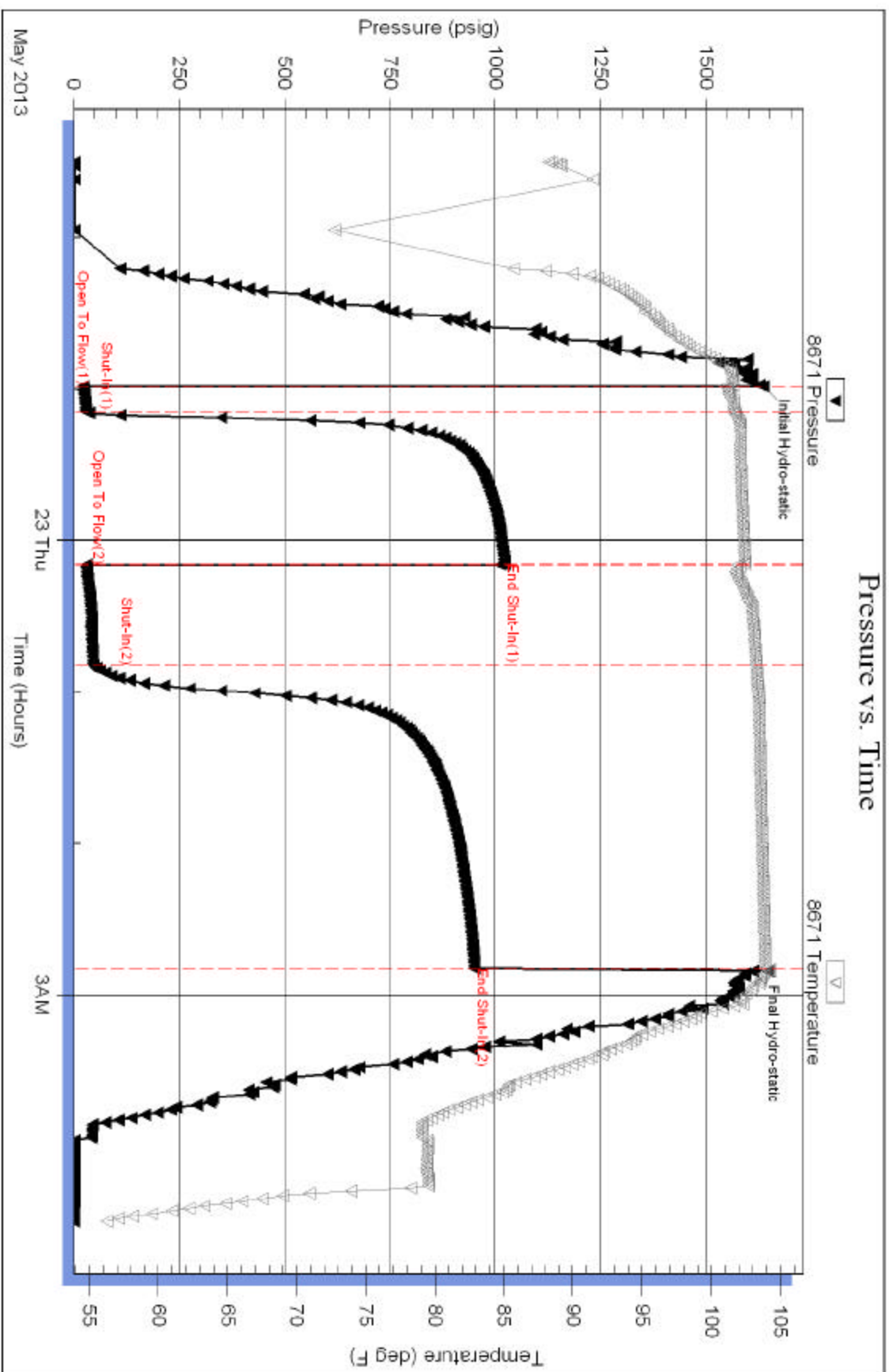
Inside

MG Oil Inc.

Marcotte #1-12

DGT Test Number: 3

Pressure vs. Time



Tribble Testing, Inc

Ref. No: 52612

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