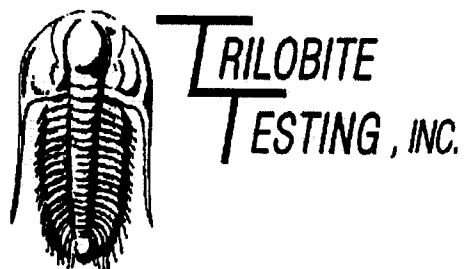


IND



DRILL STEM TEST REPORT

Prepared For: **AGV Corp.**

P.O.Box 377
Attica Ks.67009

ATTN: Kent Roberts

25-33s-10w Barber Ks

Green-Baker#1

Start Date: 2009.09.15 @ 07:42:26

End Date: 2009.09.15 @ 17:38:56

Job Ticket #: 36470 DST #: 1

RECEIVED

JAN 20 2010

KCC WICHITA

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

AGV Corp.

Green-Baker#1

25-33s-10w Barber Ks

DST # 1

Miss.Chert

2009.09.15



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

AGV Corp.

P.O.Box 377
Attica Ks.67009

ATTN: Kent Roberts

Green-Baker#1

25-33s-10w Barber Ks

Job Ticket: 36470

DST#: 1

Test Start: 2009.09.15 @ 07:42:26

GENERAL INFORMATION:

Formation: **Miss.Chert**

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

Time Tool Opened: 10:55:26

Time Test Ended: 17:38:56

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **39**

Interval: **4462.00 ft (KB) To 4535.00 ft (KB) (TVD)**

Total Depth: **4535.00 ft (KB) (TVD)**

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

Reference Elevations: **1352.00 ft (KB)**

1342.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8167

Inside

Press@RunDepth: **262.45 psig @ 4463.00 ft (KB)**

Start Date: **2009.09.15**

End Date: **2009.09.15**

Capacity: **8000.00 psig**

Last Calib.: **2009.09.15**

Start Time: **07:42:31**

End Time: **17:38:56**

Time On Btm: **2009.09.15 @ 10:53:56**

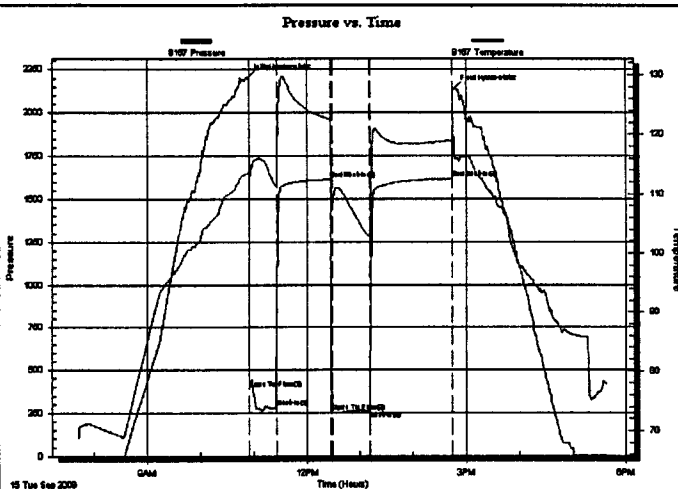
Time Off Btm: **2009.09.15 @ 14:45:26**

TEST COMMENT: IF:Strong blow . GTS in 3 1/2 mins.(see gas flow report)

IS:No blow .

FF:Strong blow . (see gas flow report)

FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2200.91	113.54	Initial Hydro-static
2	390.29	113.07	Open To Flow (1)
33	281.09	111.30	Shut-In(1)
94	1613.20	122.51	End Shut-In(1)
96	255.85	107.60	Open To Flow (2)
137	262.45	102.60	Shut-In(2)
230	1617.11	118.98	End Shut-In(2)
232	2135.43	118.91	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
150.00	GCM 7%g 93%m	2.10

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.75	43.00	896.58
Last Gas Rate	0.75	66.00	1255.84
Max. Gas Rate	0.75	67.00	1271.46



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

AGV Corp.

Green-Baker#1

P.O.Box 377
Attica Ks.67009

25-33s-10w Barber Ks

Job Ticket: 36470

DST#: 1

ATTN: Kent Roberts

Test Start: 2009.09.15 @ 07:42:26

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:

7500 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
150.00	GCM 7%g 93%m	2.104

Total Length: 150.00 ft

Total Volume: 2.104 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

AGV Corp.

Green-Baker#1

P.O.Box 377
Attica Ks.67009

25-33s-10w Barber Ks

Job Ticket: 36470

DST#: 1

ATTN: Kent Roberts

Test Start: 2009.09.15 @ 07:42:26

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	5	0.75	43.00	896.58
1	10	0.75	50.00	1005.92
1	20	0.75	59.00	1146.50
1	30	0.75	61.00	1177.74
2	10	0.75	64.00	1224.60
2	20	0.75	66.00	1255.84
2	30	0.75	67.00	1271.46
2	45	0.75	66.00	1255.84

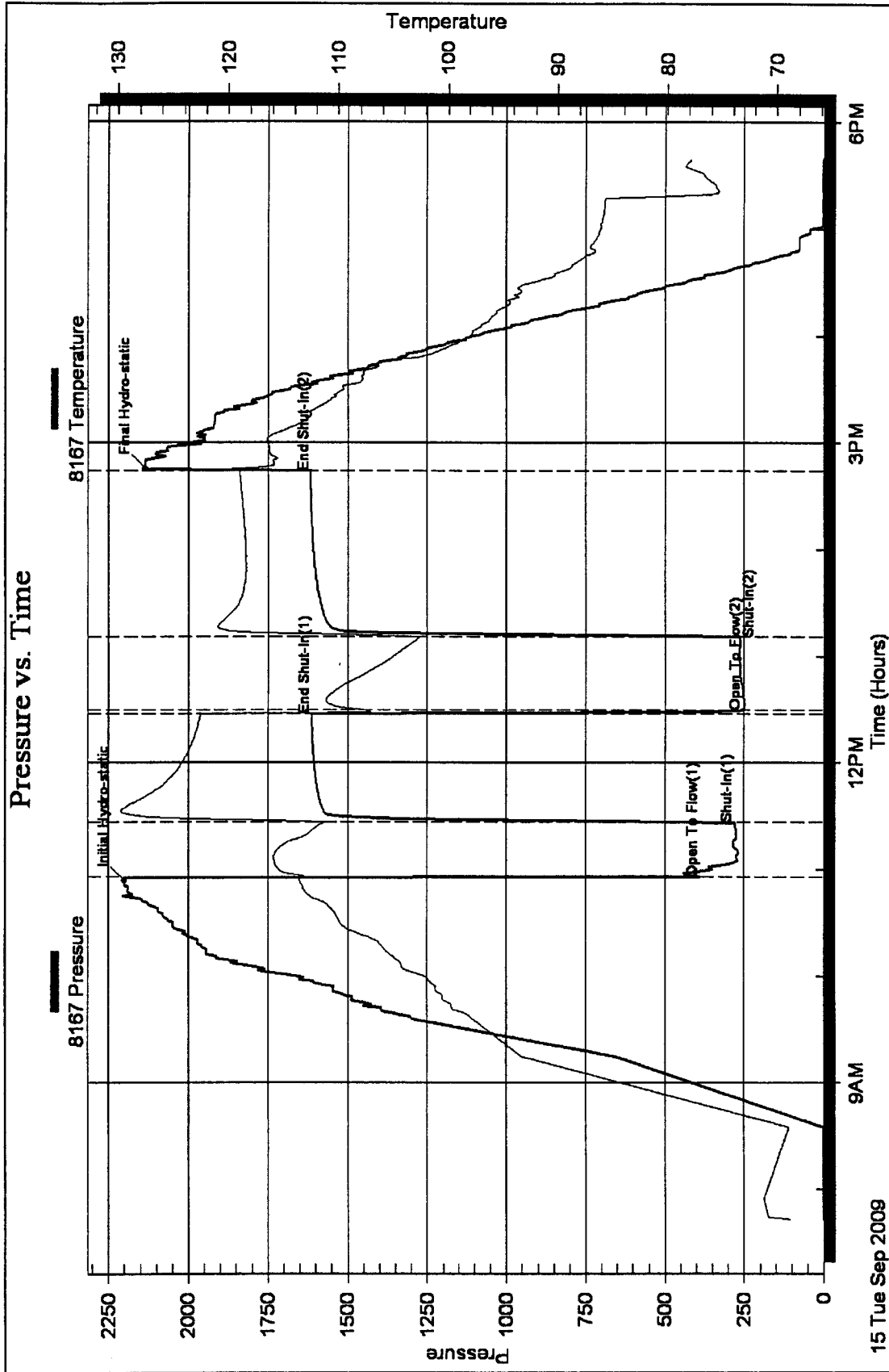
Serial #: 8167

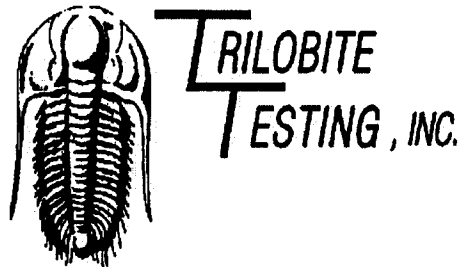
Inside

AGV Corp.

25-33s-10w Barber Ks

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **AGV Corp.**

P.O.Box 377
Attica Ks.67009

ATTN: Kent Roberts

25-33s-10w Barber Ks

Green-Baker#1

Start Date: 2009.09.16 @ 06:19:57

End Date: 2009.09.16 @ 17:09:12

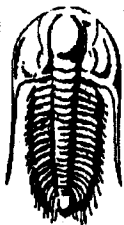
Job Ticket #: 36471 DST #: 2

RECEIVED
JAN 20 2010
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

AGV Corp.

P.O.Box 377
Attica Ks.67009

ATTN: Kent Roberts

Green-Baker#1

25-33s-10w Barber Ks

Job Ticket: 36471

DST#: 2

Test Start: 2009.09.16 @ 06:19:57

GENERAL INFORMATION:

Formation: **Miss.Chert**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:30:12

Time Test Ended: 17:09:12

Test Type: Conventional Bottom Hole

Tester: Gary Pevoteaux

Unit No: 39

Interval: **4536.00 ft (KB) To 4550.00 ft (KB) (TVD)**

Total Depth: 4550.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1352.00 ft (KB)

1342.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8167

Inside

Press@RunDepth: 106.05 psig @ 4537.00 ft (KB)

Start Date: 2009.09.16

End Date: 2009.09.16

Start Time: 06:20:02

End Time: 17:09:12

Capacity: 8000.00 psig

Last Calib.: 2009.09.16

Time On Btm: 2009.09.16 @ 09:27:12

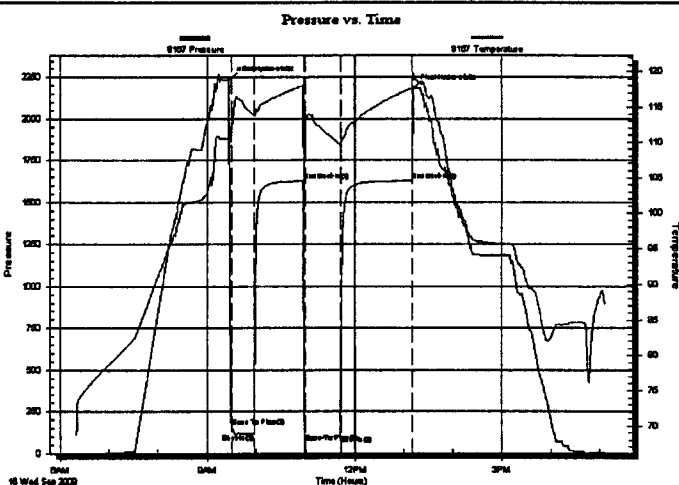
Time Off Btm: 2009.09.16 @ 13:11:42

TEST COMMENT: IF: Strong blow . B.O.B. in 5 secs.(see gas flow report)

ISI: Weak blow . 1/2 - 3/4".

FF: Strong blow . (see gas flow report)

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2234.98	110.52	Initial Hydro-static
3	160.19	112.27	Open To Flow (1)
31	116.58	113.76	Shut-In(1)
91	1626.30	118.09	End Shut-In(1)
92	65.88	104.10	Open To Flow (2)
136	106.05	109.52	Shut-In(2)
223	1626.35	117.67	End Shut-In(2)
225	2184.37	119.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	OCW 7%o 93%w /Rw .08 ohms@78 deg 0.91	
100.00	G&OCNMW 17%g 14%o 23%m 46%w	1.40

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.50	10.00	164.59
Last Gas Rate	0.50	15.00	198.32
Max. Gas Rate	0.50	15.00	198.32



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

AGV Corp.

Green-Baker#1

P.O.Box 377
Attica Ks.67009

25-33s-10w Barber Ks

Job Ticket: 36471

DST#: 2

ATTN: Kent Roberts

Test Start: 2009.09.16 @ 06:19:57

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: 93000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	OCW 7%o 93%w /Rw .08 ohms@78 deg	0.912
100.00	G&OCNMW 17%g 14%o 23%m 46%w	1.403

Total Length: 165.00 ft

Total Volume: 2.315 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

AGV Corp.

Green-Baker#1

P.O.Box 377
Attica Ks.67009

25-33s-10w Barber Ks

Job Ticket: 36471

DST#: 2

ATTN: Kent Roberts

Test Start: 2009.09.16 @ 06:19:57

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	0.50	10.00	164.59
1	20	0.50	13.00	184.83
1	30	0.50	15.00	198.32
2	10	0.50	15.00	198.32
2	20	0.50	15.00	198.32
2	30	0.50	15.00	198.32
2	45	0.50	15.00	198.32

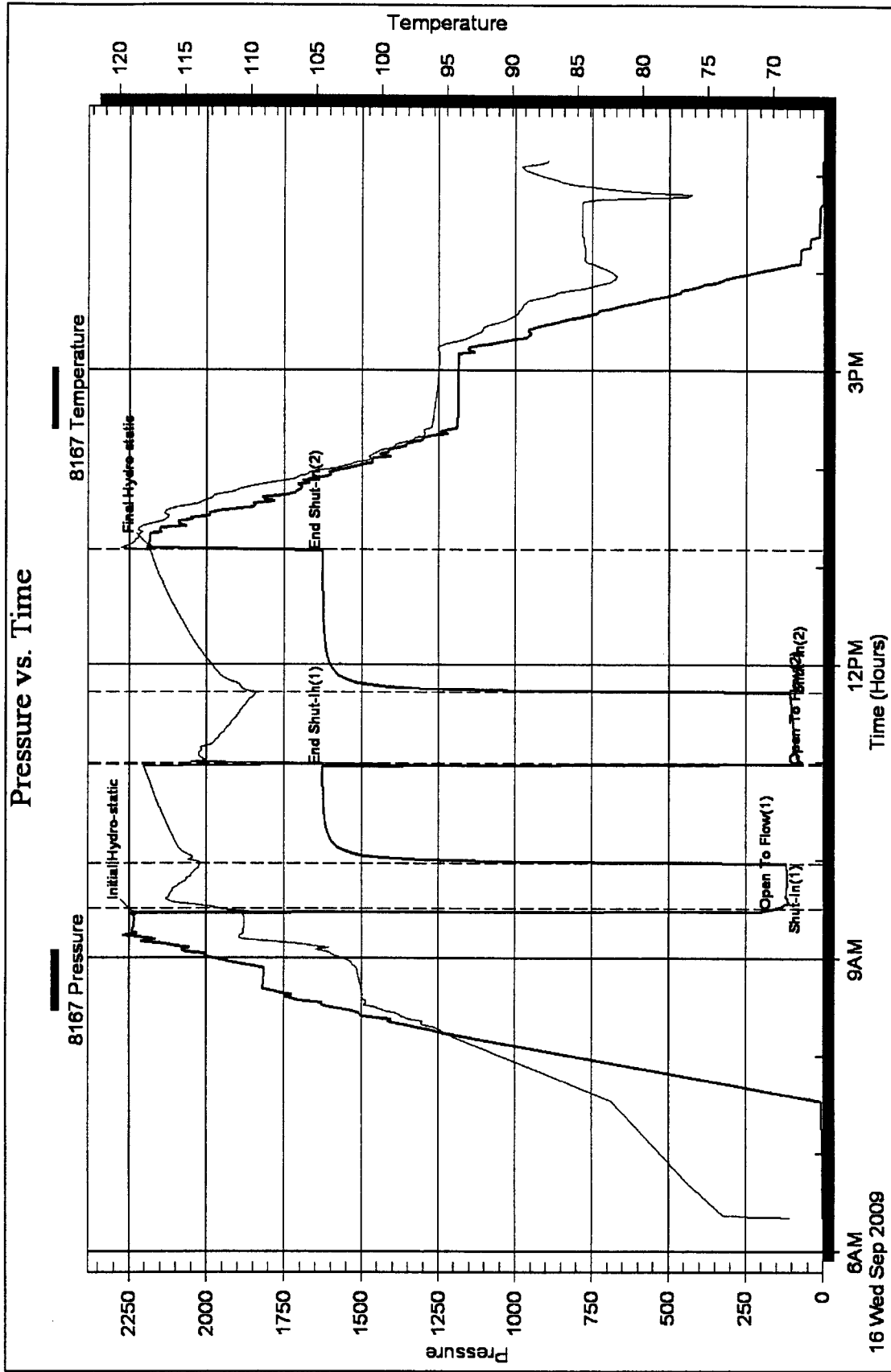
Serial #: 8167

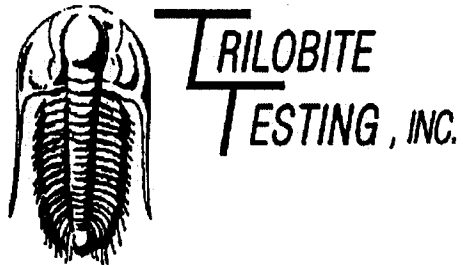
Inside

AGV Corp.

25-33s-10w Barber Ks

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **AGV Corp.**

P.O.Box 377
Attica Ks.67009

ATTN: Kent Roberts

25-33s-10w Barber Ks

Green-Baker#1

Start Date: 2009.09.17 @ 02:55:07

End Date: 2009.09.17 @ 11:11:52

Job Ticket #: 36472 DST #: 3

RECEIVED

JAN 20 2010

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

AGV Corp.

P.O.Box 377
Attica Ks.67009

ATTN: Kent Roberts

Green-Baker#1

25-33s-10w Barber Ks

Job Ticket: 36472

DST#: 3

Test Start: 2009.09.17 @ 02:55:07

GENERAL INFORMATION:

Formation: **miss.**

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

Time Tool Opened: 05:44:22

Time Test Ended: 11:11:52

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **39**

Interval: **4554.00 ft (KB) To 4565.00 ft (KB) (TVD)**

Total Depth: **4565.00 ft (KB) (TVD)**

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

Reference Elevations: **1352.00 ft (KB)**

1342.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8167

Inside

Press@RunDepth: **91.20 psig @ 4555.00 ft (KB)**

Start Date: **2009.09.17**

End Date: **2009.09.17**

Start Time: **02:55:12**

End Time: **11:11:51**

Capacity: **8000.00 psig**

Last Calib.: **2009.09.17**

Time On Btm: **2009.09.17 @ 05:41:22**

Time Off Btm: **2009.09.17 @ 08:14:37**

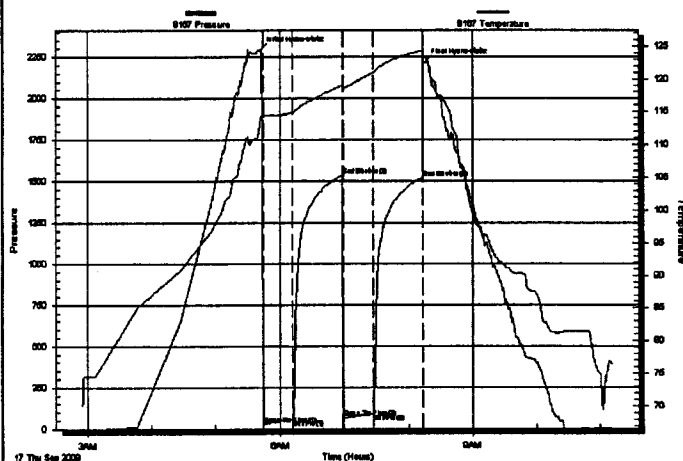
TEST COMMENT: IF:Weak to fair blow . Slow increase to 6 1/2".

IS:No blow .

FF:Weak to fair blow . Slow increase to 5 1/2".

FS:No blow .

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2288.95	113.95	Initial Hydro-static
3	26.52	114.21	Open To Flow (1)
31	57.12	114.92	Shut-In(1)
77	1535.70	118.99	End Shut-In(1)
77	64.47	118.27	Open To Flow (2)
105	91.20	120.89	Shut-In(2)
152	1520.63	124.30	End Shut-In(2)
154	2217.12	123.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	MW w/o specs 6% m94% w /Rw .07ohms(1.68deg	
35.00	OCWM 8%o 22%w 70%m	0.49
0.00	150 ft.of GIP	0.00

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

AGV Corp.

Green-Baker#1

P.O.Box 377
Attica Ks.67009

25-33s-10w Barber Ks

Job Ticket: 36472

DST#: 3

ATTN: Kent Roberts

Test Start: 2009.09.17 @ 02:55:07

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:

102000 ppm

Viscosity: 67.00 sec/qt

Cushion Volume:

bbl

Water Loss: 11.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 11000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	MW w/o specs 6% m 94% w /Rw .07 ohms @ 76	1.683
35.00	OCWM 8% o 22% w 70% m	0.491
0.00	150 ft. of GIP	0.000

Total Length: 155.00 ft

Total Volume: 2.174 bbl

Num Fluid Samples: 0

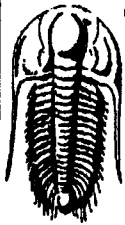
Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

AGV Corp.

Green-Baker#1

P.O.Box 377
Attica Ks.67009

25-33s-10w Barber Ks

ATTN: Kent Roberts

Job Ticket: 36472

DST#: 3

Test Start: 2009.09.17 @ 02:55:07

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)
		0.00	0.00	0.00

Serial #: 8167

Inside AGV Corp.

25-33s-10w Barber Ks

DST Test Number: 3

