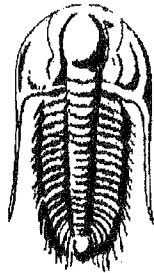


15-009-25158

35-17s-12w



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr & Associates**

1560 Broadway Ste 2100
Denver CO 80202

CONFIDENTIAL
JUN 30 2008

ATTN: Clayton Camozzi

35 17S 12W Barton KS

Schneweis # 1-35

Start Date: 2008.03.11 @ 19:04:52

End Date: 2008.03.12 @ 01:26:22

Job Ticket #: 30344 DST #: 1

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Samuel Gary Jr & Associates

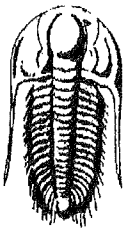
Schneweis # 1-35

35 17S 12W Barton KS

DST # 1

Lans/K.C.'H-J'

2008.03.11



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates

Schneweis # 1-35

1560 Broadway Ste 2100
Denver CO 80202

35 17S 12W Barton KS

Job Ticket: 30344

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2008.03.11 @ 19:04:52

GENERAL INFORMATION:

Formation: **Lans./K.C. 'H-J'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:30:22

Time Test Ended: 01:26:22

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **3230.00 ft (KB) To 3295.00 ft (KB) (TVD)**

Total Depth: 3295.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1878.00 ft (KB)

1868.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6798

Inside

Press@RunDepth: 23.23 psig @ 3235.00 ft (KB)

Start Date: 2008.03.11 End Date:

2008.03.12

Capacity: 7000.00 psig

Last Calib.: 2008.03.12

Start Time: 19:04:53 End Time:

01:26:22

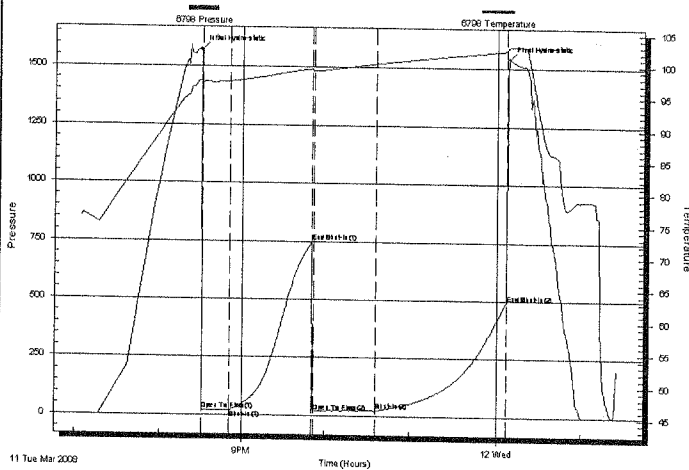
Time On Btm: 2008.03.11 @ 20:29:22

Time Off Btm: 2008.03.12 @ 00:08:22

TEST COMMENT: IF Weak blow Built to 3/4 "
ISI No blow
FF Weak blow Built to 3/4 "
FSI No blow

Handwritten notes:
11:00-11:30 AM
3235.00 ft
31

Pressure vs. Time



PRESSURE SUMMARY

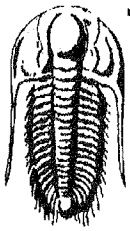
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1572.97	97.50	Initial Hydro-static
1	19.48	97.14	Open To Flow (1)
21	21.97	97.33	Shut-In (1)
81	746.94	99.34	End Shut-In (1)
83	18.06	99.01	Open To Flow (2)
127	23.23	100.21	Shut-In (2)
218	492.84	102.34	End Shut-In (2)
219	1539.78	102.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	SOCM 6%O 94%M	0.21
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates

Schneweis # 1-35

1560 Broadway Ste 2100
Denver CO 80202

35 17S 12W Barton KS

Job Ticket: 30344

DST#: 1

ATTN: Clayton Carozzi

Test Start: 2008.03.11 @ 19:04:52

Tool Information

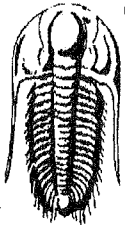
Drill Pipe:	Length: 3211.00 ft	Diameter: 3.80 inches	Volume: 45.04 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 45.04 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	9.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3230.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	65.00 ft			
Tool Length:	93.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3207.00	
Hydraulic tool	5.00			3212.00	
Jars	5.00			3217.00	
Safety Joint	3.00			3220.00	
Packer	5.00			3225.00	28.00 Bottom Of Top Packer
Packer	5.00			3230.00	
Stubb	1.00			3231.00	
Perforations	3.00			3234.00	
Change Over Sub	1.00			3235.00	
Recorder	0.00	6798	Inside	3235.00	
Recorder	0.00	8358	Inside	3235.00	
Blank Spacing	31.00			3266.00	
Change Over Sub	1.00			3267.00	
Perforations	25.00			3292.00	
Bullnose	3.00			3295.00	65.00 Bottom Packers & Anchor

Total Tool Length: 93.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates

Schneweis # 1-35

1560 Broadway Ste 2100
Denver CO 80202

35 17S 12W Barton KS

Job Ticket: 30344

DST#: 1

ATTN: Clayton Camozzi

Test Start: 2008.03.11 @ 19:04:52

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 8.77 in³

Resistivity: 0.00 ohm.m

Salinity: 5300.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	SOCM 6%O 94%M	0.210
0.00		0.000

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

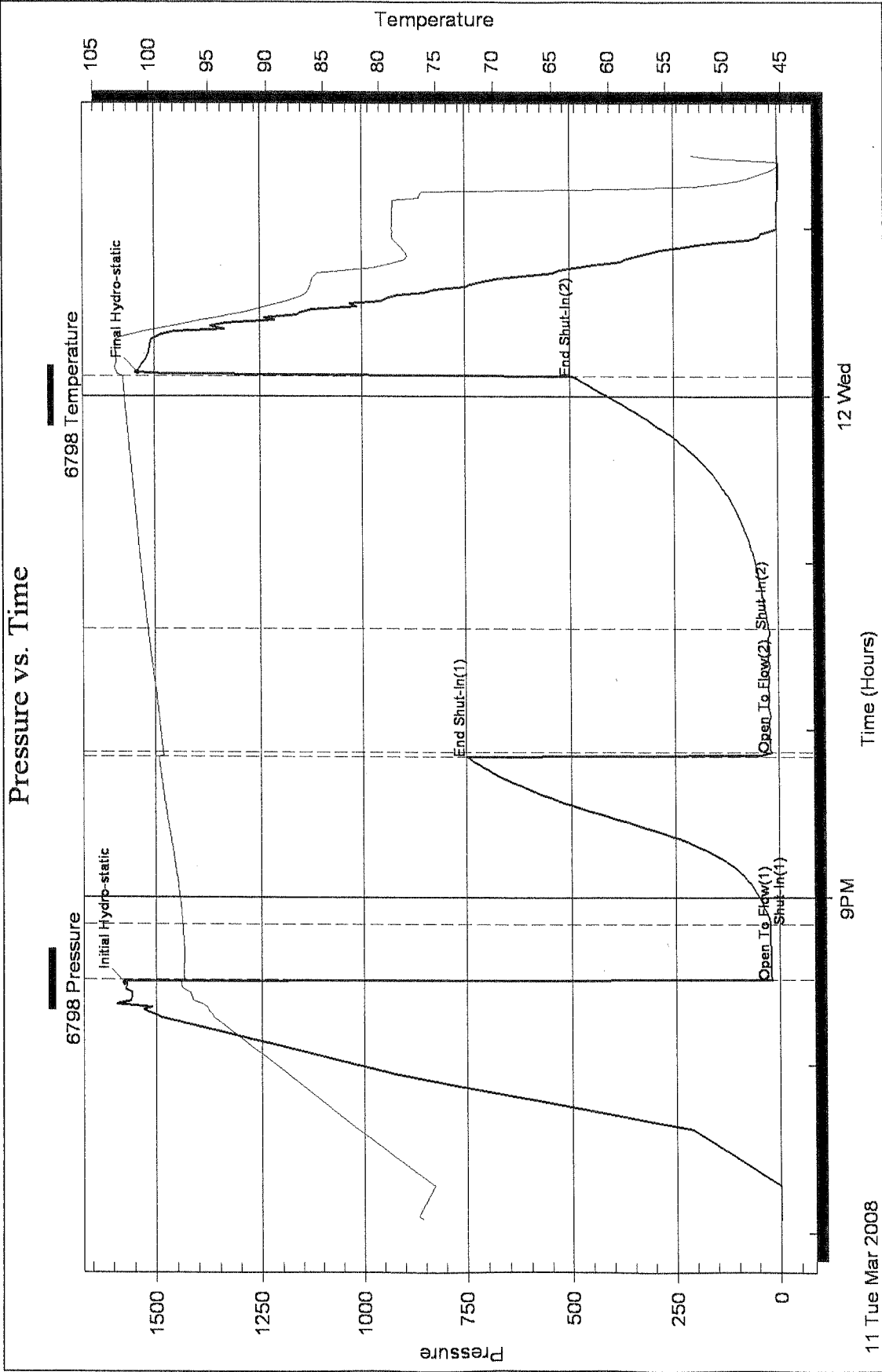
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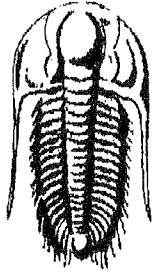
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr & Associates**

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Camozzi

35 17S 12W Barton KS

Schneweis # 1-35

Start Date: 2008.03.12 @ 11:51:42

End Date: 2008.03.12 @ 17:28:12

Job Ticket #: 30345 DST #: 2

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Samuel Gary Jr & Associates

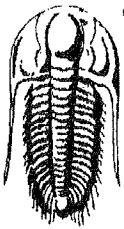
Schneweis # 1-35

35 17S 12W Barton KS

DST # 2

Arbuckle

2008.03.12



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Camozzi

Schneweis # 1-35

35 17S 12W Barton KS

Job Ticket: 30345

DST#: 2

Test Start: 2008.03.12 @ 11:51:42

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:07:12

Time Test Ended: 17:28:12

Interval: **3329.00 ft (KB) To 3385.00 ft (KB) (TVD)**

Total Depth: 3385.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Reference Elevations: 1878.00 ft (KB)

1868.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6798

Inside

Press@RunDepth: 27.70 psig @ 3334.00 ft (KB)

Start Date: 2008.03.12

End Date: 2008.03.12

Start Time: 11:51:43

End Time: 17:28:12

Capacity: 7000.00 psig

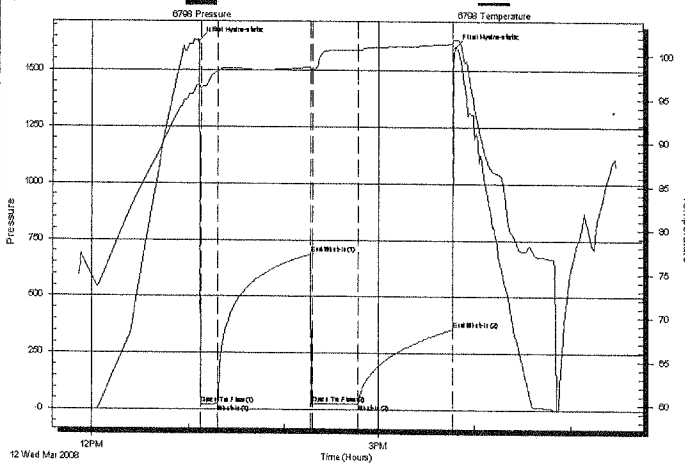
Last Calib.: 2008.03.12

Time On Btm: 2008.03.12 @ 13:05:42

Time Off Btm: 2008.03.12 @ 15:48:12

TEST COMMENT: IF Very weak blow Built to 1/4 " dead in 6 mins.
ISI No blow
FF Very weak blow Built to 1/4 " decreased to 1/8 "
FSI No blow

Pressure vs. Time



PRESSURE SUMMARY

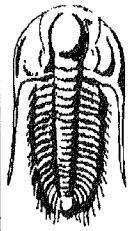
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1629.40	96.58	Initial Hydro-static
2	20.08	96.24	Open To Flow (1)
12	24.32	98.10	Shut-In (1)
71	687.37	98.65	End Shut-In (1)
72	25.80	98.34	Open To Flow (2)
101	27.70	100.61	Shut-In (2)
161	357.43	101.36	End Shut-In (2)
163	1601.59	101.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Clean Oil 100%O	0.07
10.00	OCM 10%O 90%M	0.14
0.00	Grav. 39.5 API @ 80 deg.	0.00
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates

Schneweis # 1-35

1560 Broadway Ste 2100
Denver CO 80202

35 17S 12W Barton KS

Job Ticket: 30345

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2008.03.12 @ 11:51:42

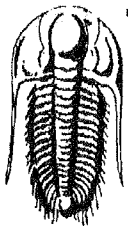
Tool Information

Drill Pipe:	Length: 3305.00 ft	Diameter: 3.80 inches	Volume: 46.36 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 46.36 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3329.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	56.00 ft			
Tool Length:	84.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3306.00	
Hydraulic tool	5.00			3311.00	
Jars	5.00			3316.00	
Safety Joint	3.00			3319.00	
Packer	5.00			3324.00	28.00 Bottom Of Top Packer
Packer	5.00			3329.00	
Stubb	1.00			3330.00	
Perforations	3.00			3333.00	
Change Over Sub	1.00			3334.00	
Recorder	0.00	6798	Inside	3334.00	
Recorder	0.00	8358	Inside	3334.00	
Blank Spacing	31.00			3365.00	
Change Over Sub	1.00			3366.00	
Perforations	16.00			3382.00	
Bullnose	3.00			3385.00	56.00 Bottom Packers & Anchor

Total Tool Length: 84.00



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates

Schneweis # 1-35

1560 Broadway Ste 2100
Denver CO 80202

35 17S 12W Barton KS

Job Ticket: 30345

DST#: 2

ATTN: Clayton Camozzi

Test Start: 2008.03.12 @ 11:51:42

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37.5 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Clean Oil 100%O	0.070
10.00	OCM 10%O 90%M	0.140
0.00	Grav. 39.5 API @ 80 deg.	0.000
0.00		0.000

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

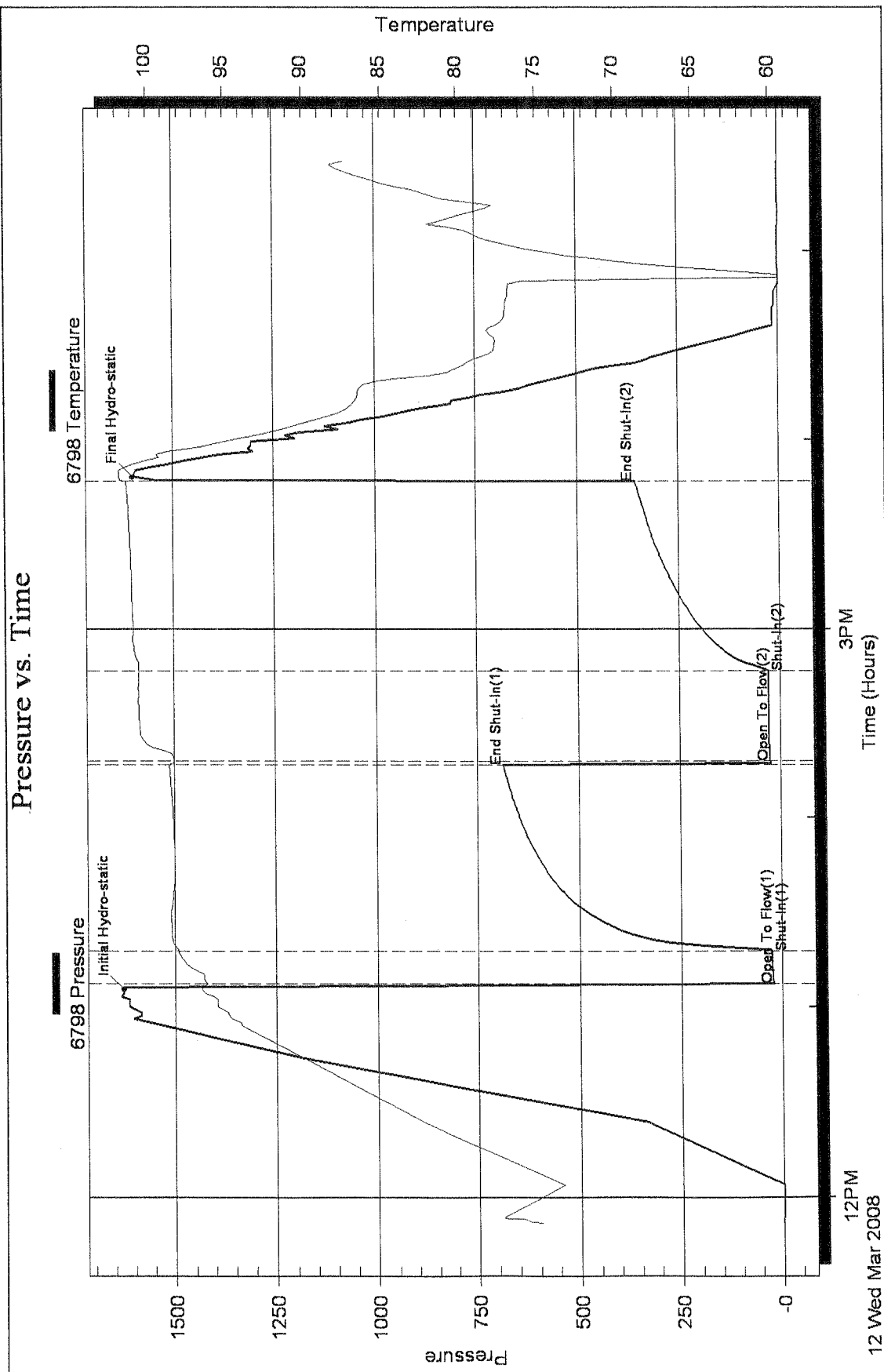
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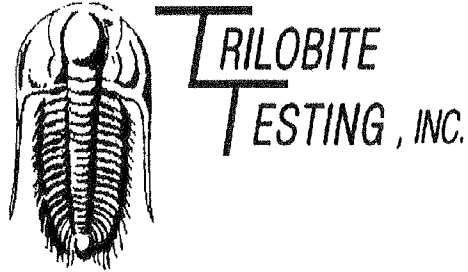
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr & Associates**

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Camozzi

35 17S 12W Barton KS

Schneweis # 1-35

Start Date: 2008.03.12 @ 22:07:29

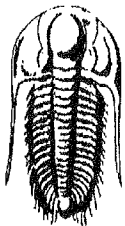
End Date: 2008.03.13 @ 05:26:59

Job Ticket #: 30346 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

Samuel Gary Jr & Associates

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Camozzi

Schneweis # 1-35

35 17S 12W Barton KS

Job Ticket: 30346

DST#: 3

Test Start: 2008.03.12 @ 22:07:29

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:55:29

Time Test Ended: 05:26:59

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **3378.00 ft (KB) To 3400.00 ft (KB) (TVD)**

Total Depth: 3400.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1878.00 ft (KB)

1868.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 6798

Inside

Press@RunDepth: 88.58 psig @ 3379.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.03.12

End Date:

2008.03.13

Last Calib.:

2008.03.13

Start Time: 22:07:30

End Time:

05:26:59

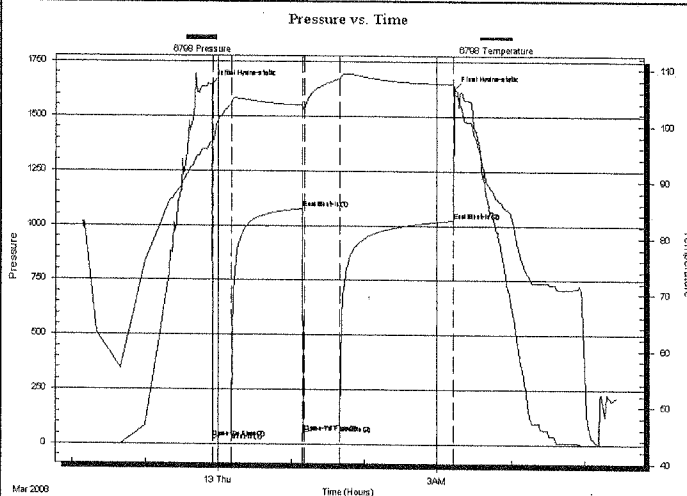
Time On Btm:

2008.03.12 @ 23:54:29

Time Off Btm:

2008.03.13 @ 03:13:59

TEST COMMENT: IF Weak blow Built to 4 1/4 "
ISI No blow
FF Very weak surface blow Dead in 18 mins.
FSI No blow



PRESSURE SUMMARY

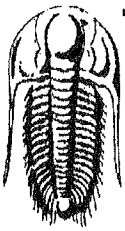
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1643.22	97.05	Initial Hydro-static
1	25.41	96.94	Open To Flow (1)
16	51.06	103.80	Shut-In (1)
76	1076.64	103.67	End Shut-In (1)
77	52.74	102.85	Open To Flow (2)
106	88.58	108.40	Shut-In (2)
198	1024.04	107.45	End Shut-In (2)
200	1621.61	106.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	HMCO 55%O 45%M	1.26
100.00	Clean Oil 100%O	1.40
0.00	Grav. 39.5 API @ 80 deg.	0.00
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates

Schneweis # 1-35

1560 Broadway Ste 2100
Denver CO 80202

35 17S 12W Barton KS

Job Ticket: 30346

DST#: 3

ATTN: Clayton Camozzi

Test Start: 2008.03.12 @ 22:07:29

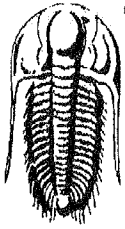
Tool Information

Drill Pipe:	Length: 3367.00 ft	Diameter: 3.80 inches	Volume: 47.23 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 47.23 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3378.00 ft			Final 33000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	50.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3355.00	
Hydraulic tool	5.00			3360.00	
Jars	5.00			3365.00	
Safety Joint	3.00			3368.00	
Packer	5.00			3373.00	28.00 Bottom Of Top Packer
Packer	5.00			3378.00	
Stubb	1.00			3379.00	
Recorder	0.00	6798	Inside	3379.00	
Recorder	0.00	8358	Inside	3379.00	
Perforations	18.00			3397.00	
Bullnose	3.00			3400.00	22.00 Bottom Packers & Anchor

Total Tool Length: 50.00



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates

Schneweis # 1-35

1560 Broadway Ste 2100
Denver CO 80202

35 17S 12W Barton KS

Job Ticket: 30346

DST#: 3

ATTN: Clayton Camozzi

Test Start: 2008.03.12 @ 22:07:29

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 7.98 in³

Resistivity: 0.00 ohm.m

Salinity: 4800.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

37.5 deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	HMCO 55%O 45%M	1.262
100.00	Clean Oil 100%O	1.403
0.00	Grav. 39.5 API @ 80 deg.	0.000
0.00		0.000

Total Length: 190.00 ft

Total Volume: 2.665 bbl

Num Fluid Samples: 0

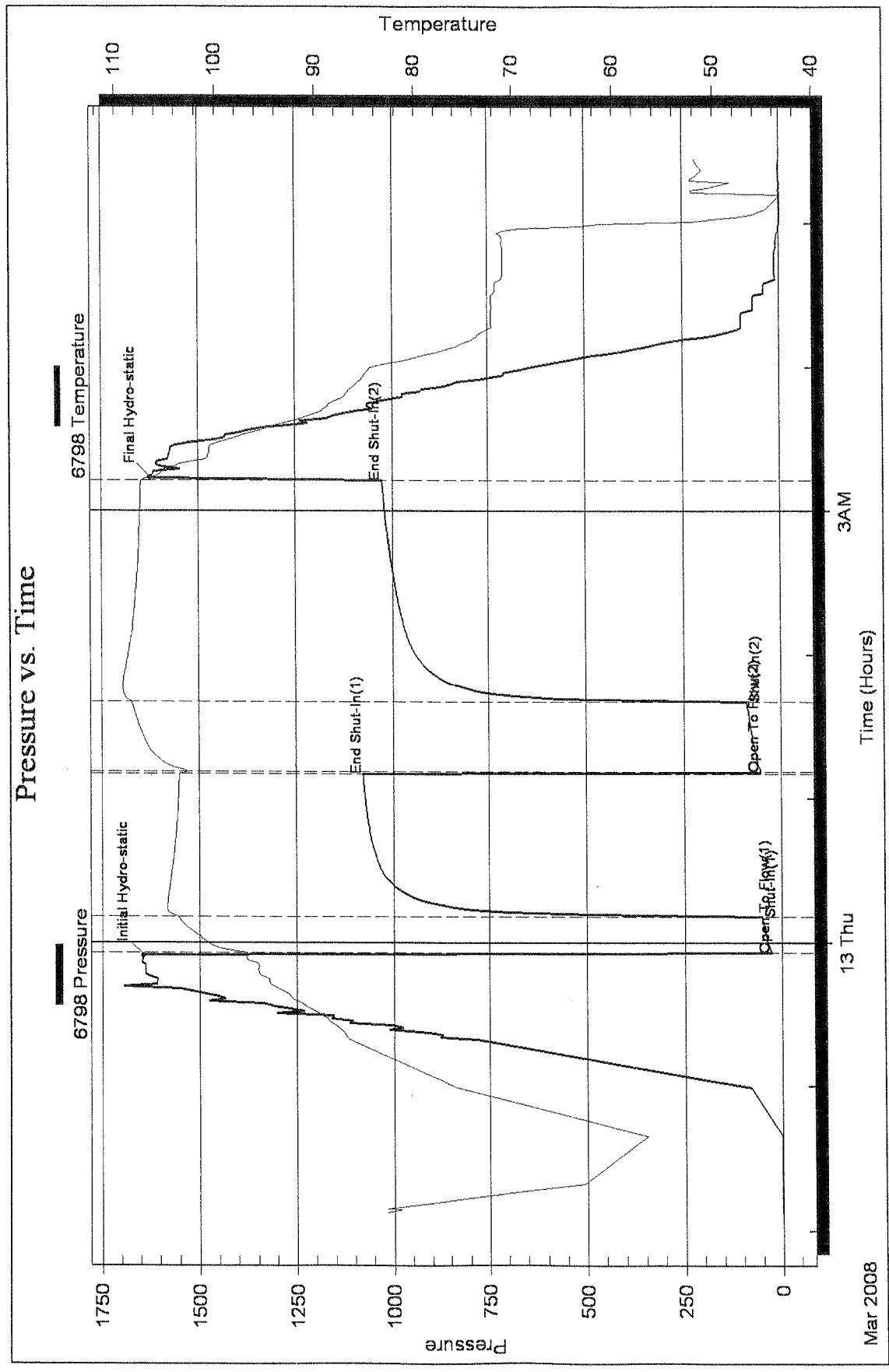
Num Gas Bombs: 0

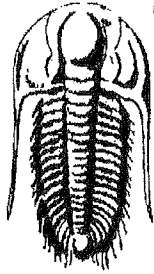
Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr & Associates**

1560 Broadway Ste 2100
Denver CO 80202

ATTN: Clayton Camozzi

35 17S 12W Barton KS

Schneweis # 1-35

Start Date: 2008.03.13 @ 10:36:17

End Date: 2008.03.13 @ 18:00:17

Job Ticket #: 30347 DST #: 4

Trilobite Testing, Inc

PO Box 1733 Hays, KS 67601

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

Samuel Gary Jr & Associates

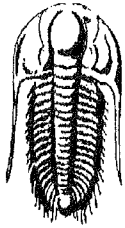
Schneweis # 1-35

35 17S 12W Barton KS

DST # 4

Arbuckle

2008.03.13



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Samuel Gary Jr & Associates

Schneweis # 1-35

1560 Broadway Ste 2100
Denver CO 80202

35 17S 12W Barton KS

Job Ticket: 30347

DST#: 4

ATTN: Clayton Camozzi

Test Start: 2008.03.13 @ 10:36:17

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:57:17

Time Test Ended: 18:00:17

Test Type: Conventional Bottom Hole

Tester: Jerry Adams

Unit No: 45

Interval: **3400.00 ft (KB) To 3408.00 ft (KB) (TVD)**

Total Depth: 3408.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1878.00 ft (KB)

1868.00 ft (CF)

KB to GRVCF: 10.00 ft

Serial #: 6798 Inside

Press@RunDepth: 123.91 psig @ 3401.00 ft (KB)

Start Date: 2008.03.13

End Date: 2008.03.13

Capacity: 7000.00 psig

Start Time: 10:36:18

End Time: 18:00:17

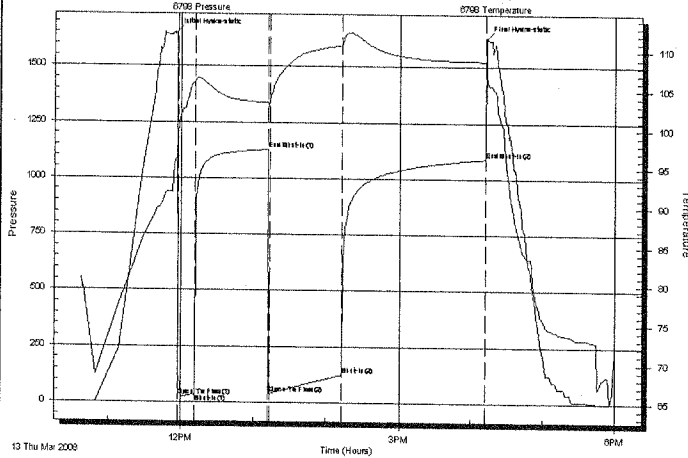
Last Calib.: 2008.03.13

Time On Btm: 2008.03.13 @ 11:55:47

Time Off Btm: 2008.03.13 @ 16:13:17

TEST COMMENT: IF Fair blow Built to 7 "
ISI No blow
FF Fair blow BOB in 23 mins.
FSI

Pressure vs. Time



PRESSURE SUMMARY

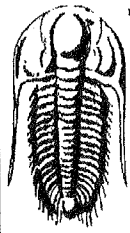
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1645.35	96.28	Initial Hydro-static
2	26.63	97.52	Open To Flow (1)
16	34.71	105.86	Shut-In (1)
77	1127.00	103.35	End Shut-In (1)
78	37.36	103.20	Open To Flow (2)
138	123.91	110.69	Shut-In (2)
257	1088.14	108.74	End Shut-In (2)
258	1624.88	107.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	SMCO 80%O 20%M	0.42
280.00	Clean Gsy Oil 5%G 95%O	3.93
0.00	120' GIP	0.00
0.00	Grav. 39.5 @ 80 deg.	0.00
0.00		0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr & Associates

Schneweis # 1-35

1560 Broadway Ste 2100
Denver CO 80202

35 17S 12W Barton KS

Job Ticket: 30347

DST#: 4

ATTN: Clayton Camozzi

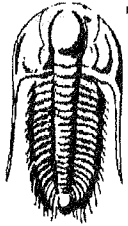
Test Start: 2008.03.13 @ 10:36:17

Tool Information

Drill Pipe:	Length: 3399.00 ft	Diameter: 3.80 inches	Volume: 47.68 bbl	Tool Weight: 2400.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 47.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	22.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3400.00 ft			Final 33000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	8.00 ft			
Tool Length:	31.00 ft			
Number of Packers:	1	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3382.00	
Hydraulic tool	5.00			3387.00	
Jars	5.00			3392.00	
Safety Joint	3.00			3395.00	
Packer	5.00			3400.00	23.00 Bottom Of Top Packer
Stubb	1.00			3401.00	
Recorder	0.00	6798	Inside	3401.00	
Recorder	0.00	8358	Inside	3401.00	
Perforations	4.00			3405.00	
Bullnose	3.00			3408.00	8.00 Anchor Tool
Total Tool Length:	31.00				



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr & Associates

Schneweis # 1-35

1560 Broadway Ste 2100
Denver CO 80202

35 17S 12W Barton KS

Job Ticket: 30347

DST#: 4

ATTN: Clayton Camozzi

Test Start: 2008.03.13 @ 10:36:17

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 40.00 sec/qt

Water Loss: 8.77 in³

Resistivity: 0.00 ohm.m

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

37.5 deg API

Water Salinity:

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SMCO 80%O 20%M	0.421
280.00	Clean Gsy Oil 5%G 95%O	3.928
0.00	120' GIP	0.000
0.00	Grav. 39.5 @ 80 deg.	0.000
0.00		0.000

Total Length: 310.00 ft

Total Volume: 4.349 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

