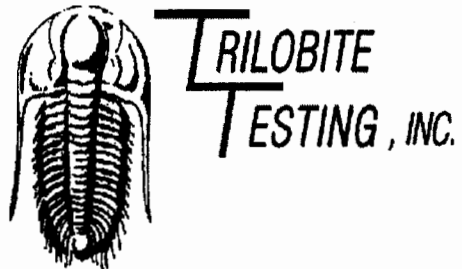


KCC

JUN 30 2006

CONFIDENTIAL



DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr. & Assoc.**

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Brand / Fertil

15-167-23332-00-00

34-15s-11w Russell K

Peschka #1-34

Start Date: 2006.03.12 @ 07:09:53

End Date: 2006.03.12 @ 15:29:38

Job Ticket #: 24361

DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Samuel Gary Jr. & Assoc.

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Brand / Fertil

Peschka #1-34

34-15s-11w Russell K

Job Ticket: 24361

DST#: 1

Test Start: 2006.03.12 @ 07:09:53

GENERAL INFORMATION:

Formation: **Lans.**

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

Time Tool Opened: 09:54:23

Time Test Ended: 15:29:38

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **3049.00 ft (KB) To 3073.00 ft (KB) (TVD)**

Total Depth: **3073.00 ft (KB) (TVD)**

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

Reference Elevations: **1868.00 ft (KB)**

1862.00 ft (CF)

KB to GR/CF: **6.00 ft**

Serial #: 6771 **Inside**

Press@RunDepth: **72.27 psig @ 3050.00 ft (KB)**

Start Date: **2006.03.12**

End Date:

2006.03.12

Start Time: **07:09:58**

End Time:

15:29:37

Capacity: **7000.00 psig**

Last Calib.: **2006.03.12**

Time On Btm: **2006.03.12 @ 09:54:08**

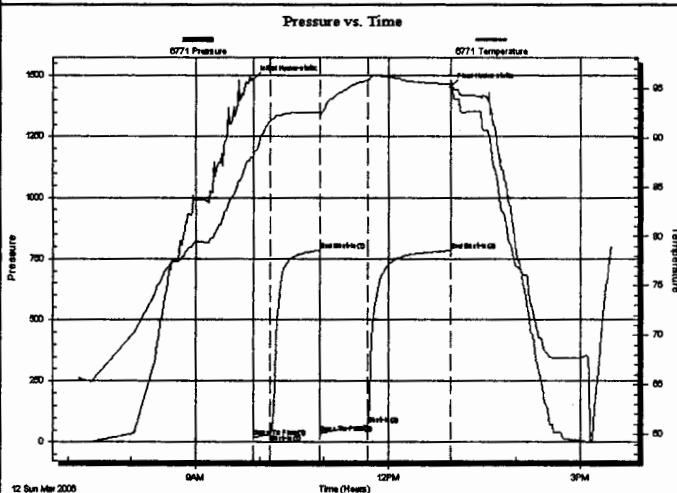
Time Off Btm: **2006.03.12 @ 12:58:37**

TEST COMMENT: **IF: Fair to strong blow . B.O.B. in 14 mins.**

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

FF: Fair to strong blow . B.O.B. in 17 mins.

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



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1485.19	88.07	Initial Hydro-static
1	19.24	87.81	Open To Flow (1)
16	33.33	91.69	Shut-In (1)
62	784.02	92.58	End Shut-In (1)
63	36.54	92.36	Open To Flow (2)
107	72.27	95.91	Shut-In (2)
185	783.13	95.49	End Shut-In (2)
185	1453.51	95.80	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	M/V w/o specs 6% m 94% w Rw .09 ohms 0.884 deg	
63.00	OCMV 6% o 44% m 50% w	0.88
0.00	445 ft. of GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr. & Assoc.

Peschka #1-34

1670 Broadway Ste 3300
Denver CO 80202

34-15s-11w Russell K

Job Ticket: 24361

DST#: 1

ATTN: Brand / Fetal

Test Start: 2006.03.12 @ 07:09:53

Tool Information

Drill Pipe:	Length: 3033.00 ft	Diameter: 3.80 inches	Volume: 42.55 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 59000.00 lb
		Total Volume:	42.55 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	11.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3049.00 ft			Final 41000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	24.00 ft			
Tool Length:	51.00 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			3023.00	
Shut In Tool	5.00			3028.00	
Hydraulic tool	5.00			3033.00	
Jars	5.00			3038.00	
Safety Joint	2.00			3040.00	
Packer	4.00			3044.00	27.00 Bottom Of Top Packer
Packer	5.00			3049.00	
Stubb	1.00			3050.00	
Recorder	0.00	6771	Inside	3050.00	
Perforations	18.00			3068.00	
Recorder	0.00	13222	Outside	3068.00	
Bullhose	5.00			3073.00	24.00 Bottom Packers & Anchor

Total Tool Length: 51.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Assoc.

Peschka #1-34

1670 Broadway Ste 3300
Denver CO 80202

34-15s-11w Russell K

Job Ticket: 24361

DST#: 1

ATTN: Brand / Fertil

Test Start: 2006.03.12 @ 07:09:53

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:

88000 ppm

Viscosity: 40.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.18 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
63.00	M/V w/o specs 6% m 94% w R _w .09 ohms @ 7	0.884
63.00	OCMV 6% o 44% m 50% w	0.884
0.00	445 ft. of GIP	0.000

Total Length: 126.00 ft

Total Volume: 1.768 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

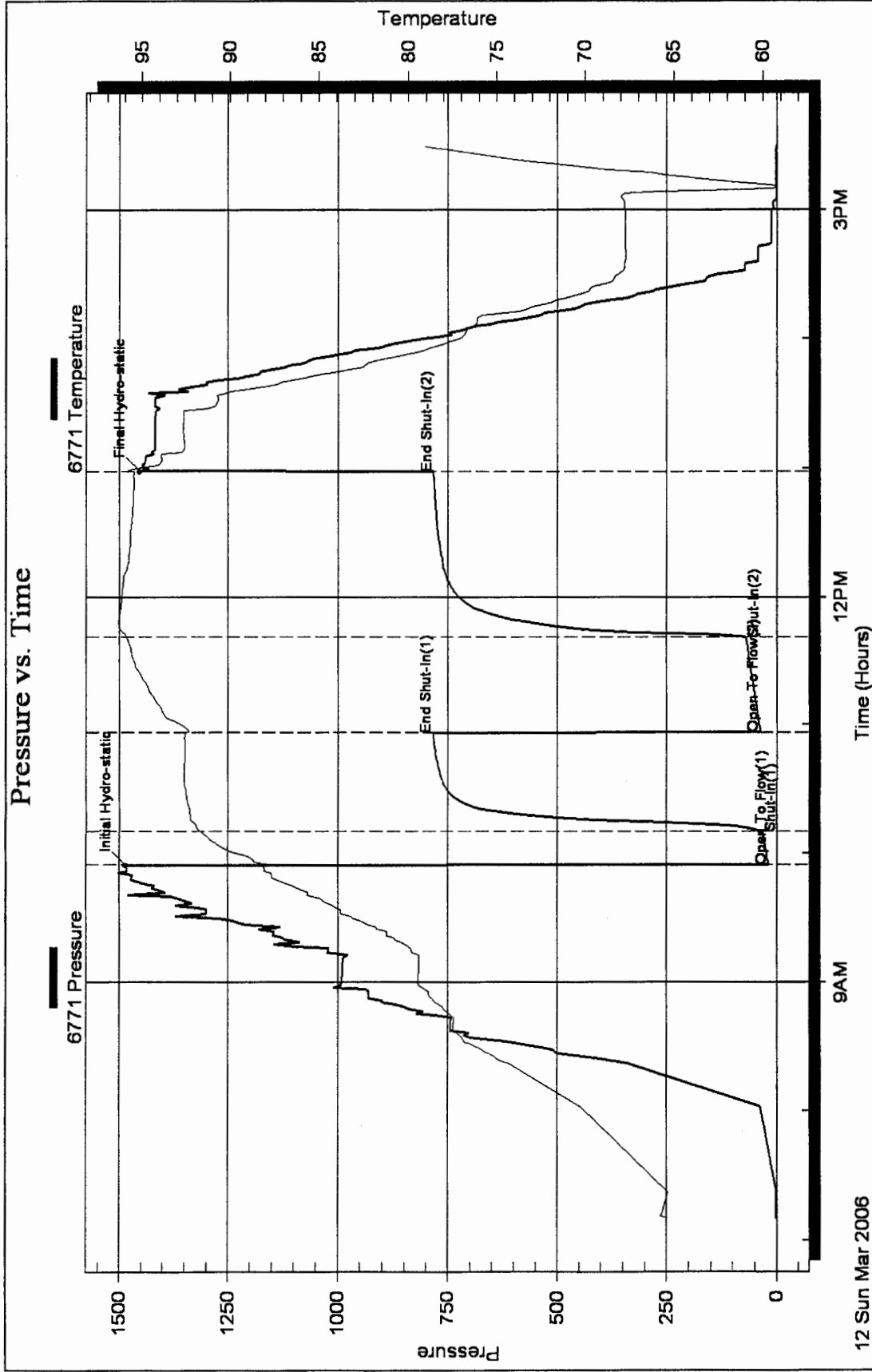
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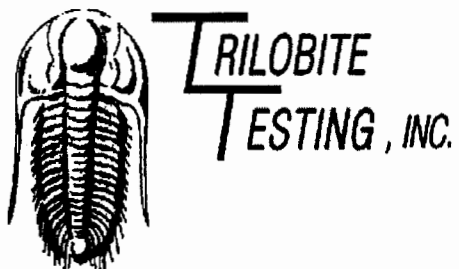
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr. & Assoc.**

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Brand / Fertil

34-15s-11w Russell K

Peschka #1-34

Start Date: 2006.03.13 @ 08:18:52

End Date: 2006.03.13 @ 14:58:52

Job Ticket #: 24362 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Assoc.

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Brand / Fertal

Peschka #1-34

34-15s-11w Russell K

Job Ticket: 24362

DST#: 2

Test Start: 2006.03.13 @ 08:18:52

GENERAL INFORMATION:

Formation: **Lans.**

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

Time Tool Opened: 10:18:52

Time Test Ended: 14:58:52

Test Type: **Conventional Bottom Hole**

Tester: **Gary Pevoteaux**

Unit No: **23**

Interval: **3157.00 ft (KB) To 3178.00 ft (KB) (TVD)**

Total Depth: **3178.00 ft (KB) (TVD)**

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

Reference Elevations: **1868.00 ft (KB)**

1862.00 ft (CF)

KB to GRVCF: **6.00 ft**

Serial #: 6771

Inside

Press@RunDepth: **19.72 psig @ 3158.00 ft (KB)**

Start Date: **2006.03.13**

End Date:

2006.03.13

Start Time: **08:18:57**

End Time:

14:58:51

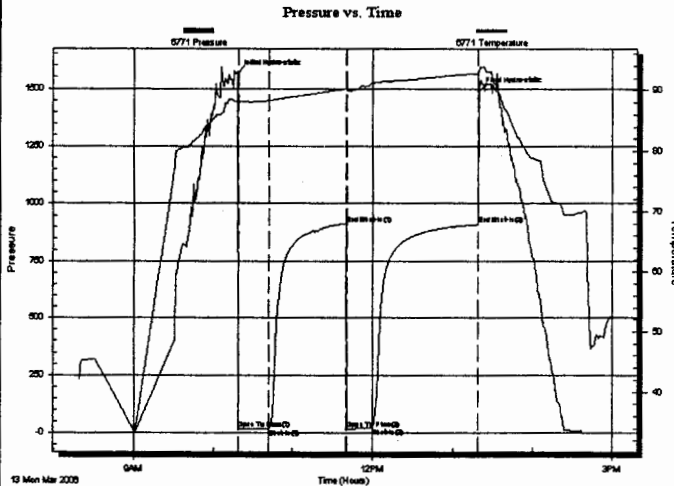
Capacity: **7000.00 psig**

Last Calib.: **2006.03.13**

Time On Btm: **2006.03.13 @ 10:18:37**

Time Off Btm: **2006.03.13 @ 13:18:51**

TEST COMMENT: IF:Weak blow . 1/4" or less.
IS:No blow .
FF:Very weak blow . Dead in 12 mins.
FS:No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1566.69	88.09	Initial Hydro-static
1	16.98	87.64	Open To Flow (1)
24	17.49	88.32	Shut-In (1)
82	912.88	90.26	End Shut-In (1)
83	19.00	90.04	Open To Flow (2)
102	19.72	91.18	Shut-In (2)
180	909.63	92.84	End Shut-In (2)
181	1488.70	93.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drig.mud	0.21

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr. & Assoc.

Peschka #1-34

1670 Broadway Ste 3300
Denver CO 80202

34-15s-11w Russell K

Job Ticket: 24362

DST#: 2

ATTN: Brand / Fertal

Test Start: 2006.03.13 @ 08:18:52

Tool Information

Drill Pipe:	Length: 3160.00 ft	Diameter: 3.80 inches	Volume: 44.33 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 52000.00 lb
			<u>Total Volume: 44.33 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 40000.00 lb
Depth to Top Packer:	3157.00 ft			Final 40000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	21.00 ft			
Tool Length:	48.00 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			3131.00	
Shut In Tool	5.00			3136.00	
Hydraulic tool	5.00			3141.00	
Jars	5.00			3146.00	
Safety Joint	2.00			3148.00	
Packer	4.00			3152.00	27.00 Bottom Of Top Packer
Packer	5.00			3157.00	
Stubb	1.00			3158.00	
Recorder	0.00	6771	Inside	3158.00	
Perforations	15.00			3173.00	
Recorder	0.00	13222	Outside	3173.00	
Bullnose	5.00			3178.00	21.00 Bottom Packers & Anchor

Total Tool Length: 48.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Assoc.

Peschka #1-34

1670 Broadway Ste 3300
Denver CO 80202

34-15s-11w Russell K

Job Ticket: 24362

DST#: 2

ATTN: Brand / Fertil

Test Start: 2006.03.13 @ 08:18:52

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:

7000 ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drig.mud	0.210

Total Length: 15.00 ft

Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

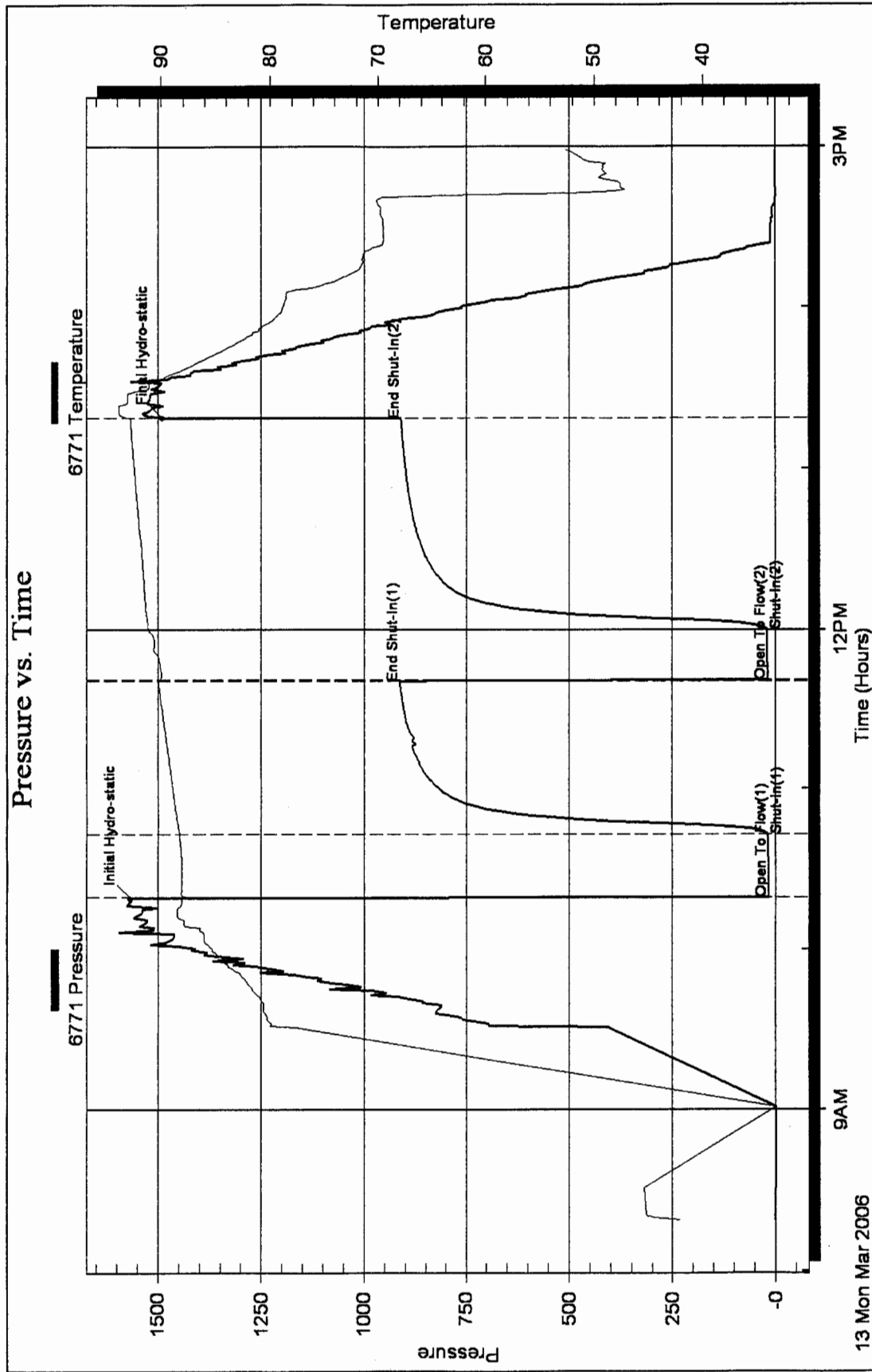
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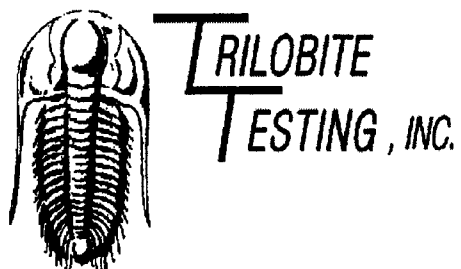
Inside

Samuel Gary Jr. & Assoc.

34-15s-11w Russell K

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Samuel Gary Jr. & Assoc.**

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Brand / Fertil

34-15s-11w Russell K

Peschka #1-34

Start Date: 2006.03.14 @ 05:40:11

End Date: 2006.03.14 @ 14:04:56

Job Ticket #: 24363 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Samuel Gary Jr. & Assoc.

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Brand / Fertal

Peschka #1-34

34-15s-11w Russell K

Job Ticket: 24363

DST#: 3

Test Start: 2006.03.14 @ 05:40:11

GENERAL INFORMATION:

Formation: **Arbuckle**

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

Time Tool Opened: 08:09:41

Time Test Ended: 14:04:56

Test Type: **Conventional Bottom Hole**

Tester: **Gary Fevoteaux**

Unit No: **23**

Interval: **3287.00 ft (KB) To 3313.00 ft (KB) (TVD)**

Total Depth: **3313.00 ft (KB) (TVD)**

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

Reference Elevations: **1868.00 ft (KB)**

1862.00 ft (CF)

KB to GR/CF: 6.00 ft

Serial #: 6771

Inside

Press@RunDepth: **182.12 psig @ 3288.00 ft (KB)**

Start Date: **2006.03.14**

End Date:

2006.03.14

Capacity: **7000.00 psig**

Last Calib.: **2006.03.14**

Start Time: **05:40:16**

End Time:

14:04:55

Time On Btm: **2006.03.14 @ 08:09:26**

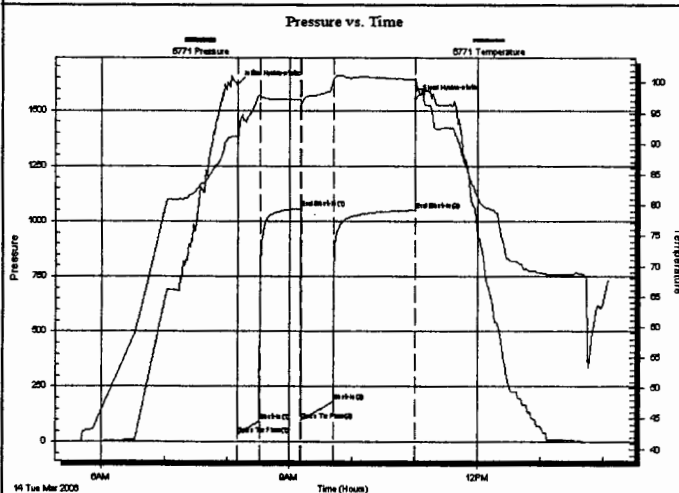
Time Off Btm: **2006.03.14 @ 11:01:10**

TEST COMMENT: **FF: Fair blow. Increase to 6 - 7".**

IS: No blow.

***FF: Weak surge; No blow.**

FST: No blow.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1620.19	91.08	Initial Hydro-static
1	32.13	90.37	Open To Flow (1)
22	92.66	98.04	Shut-In(1)
62	1058.49	97.26	End Shut-In(1)
62	97.75	96.94	Open To Flow (2)
93	182.12	100.29	Shut-In(2)
172	1050.40	100.51	End Shut-In(2)
172	1553.08	100.71	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
124.00	GMCO 26%g 22% m 12% w 40% o	1.74
136.00	GMCO 26%g 12% m 10% w 52% o	1.91
190.00	CGO 18%g 82% o	2.67
0.00	120 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

Samuel Gary Jr. & Assoc.

1670 Broadway Ste 3300
Denver CO 80202

ATTN: Brand / Fertal

Peschka #1-34

34-15s-11w Russell K

Job Ticket: 24363

DST#: 3

Test Start: 2006.03.14 @ 05:40:11

Tool Information

Drill Pipe:	Length: 3287.00 ft	Diameter: 3.80 inches	Volume: 46.11 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			Total Volume: 46.11 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	27.00 ft			String Weight: Initial 44000.00 lb
Depth to Top Packer:	3287.00 ft			Final 46500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	53.00 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			3261.00	
Shut In Tool	5.00			3266.00	
Hydraulic tool	5.00			3271.00	
Jars	5.00			3276.00	
Safety Joint	2.00			3278.00	
Packer	4.00			3282.00	27.00 Bottom Of Top Packer
Packer	5.00			3287.00	
Stubb	1.00			3288.00	
Recorder	0.00	6771	Inside	3288.00	
Perforations	20.00			3308.00	
Recorder	0.00	13222	Outside	3308.00	
Bullnose	5.00			3313.00	26.00 Bottom Packers & Anchor

Total Tool Length: 53.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Assoc.

Peschka #1-34

1670 Broadway Ste 3300
Denver CO 80202

34-15s-11w Russell K

Job Ticket: 24363

DST#: 3

ATTN: Brand / Fertal

Test Start: 2006.03.14 @ 05:40:11

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

38 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.38 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
124.00	GMCO 26%g 22%m 12%w 40%o	1.739
136.00	GMCO 26%g 12%m 10%w 52%o	1.908
190.00	CGO 18%g 82%o	2.665
0.00	120 ft. of GIP	0.000

Total Length: 450.00 ft

Total Volume: 6.312 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

