15-009-25228 35-17s-12w

IND

DRILL STEM TEST REPORT

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

1560 Broadway
Suite 2100
Denver Co. 80202

ATTN: Clayton Camozzi

35-17S-12W Barton

Stiener #1-35

Start Date: 2008.07.18 @ 10:00:00
End Date: 2008.07.18 @ 17:25:00
Job Ticket #: 16130 DST #: 1

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
1-800-792-6902

Printed: 2008.07.18 @ 20:04:15

Samuel Gary Jr. & Assc. Stiener #1-35 35-17S-12W Barton DST #1 Lansing "J" 2008.07.18

DRILL STEM TEST REPORT

Samuel Gary Jr. & Assc.

1560 Broadway
Suite 2100
Denver Co. 80202
ATTN: Clayton Camozzi

Stiener #1-35

35-17S-12W Barton

Job Ticket: 16130 **DST#: 1**

Test Start: 2008.07.18 @ 10:00:00

GENERAL INFORMATION:

Formation: **Lansing "J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:10:00
Time Test Ended: 17:25:00

Test Type: Conventional Straddle (Initial)
Tester: Frank Zamarripa
Unit No: 3335 38 GB

Interval: 3274.00 ft (KB) To 3300.00 ft (KB) (TVD)
Total Depth: 3500.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

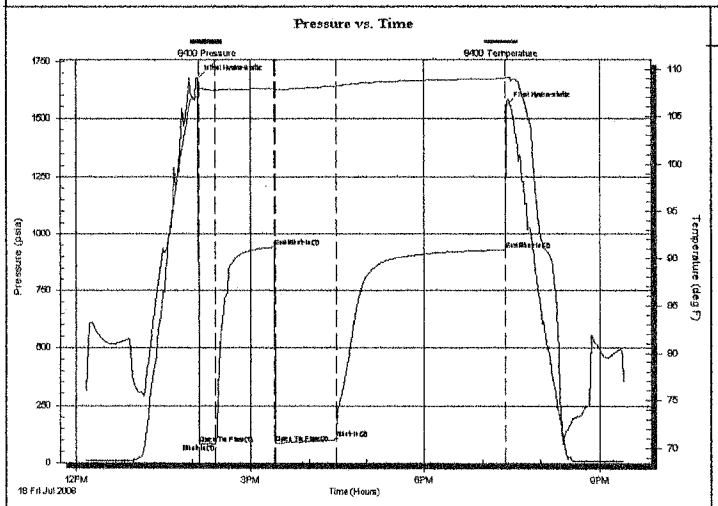
Reference Elevations: 1879.00 ft (KB)
1870.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8400

Press@RunDepth: 929.08 psia @ ft (KB)
Start Date: 2008.07.18 End Date: 2008.07.18
Start Time: 12:11:00 End Time: 21:25:00

Capacity: 5000.00 psia
Last Calib.: 1899.12.30
Time On Btm: 2008.07.18 @ 14:06:00
Time Off Btm: 2008.07.18 @ 19:24:00

TEST COMMENT: Fair blow built to 10 inches
No blow back
Weak blow built to 1 inch
No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1674.51	107.03	Initial Hydro-static
2	81.94	107.78	Open To Flow (1)
18	80.79	107.68	Shut-In(1)
78	939.72	107.96	End Shut-In(1)
80	85.75	107.77	Open To Flow (2)
143	108.62	108.15	Shut-In(2)
317	929.08	109.00	End Shut-In(2)
318	1553.42	109.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
115.00	Mud 100%	1.68

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Samuel Gary Jr. & Assc.

1560 Broadway
Suite 2100
Denver Co. 80202
ATTN: Clayton Camozzi

Stiener #1-35

35-17S-12W Barton

Job Ticket: 16130 **DST#: 1**

Test Start: 2008.07.18 @ 10:00:00

Tool Information

Drill Pipe:	Length:	3432.00 ft	Diameter:	3.88 inches	Volume:	50.19 bbl	Tool Weight:		2000.00 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:		50000.00 lb
					Total Volume:	50.19 bbl	Tool Chased		ft
Drill Pipe Above KB:		184.00 ft					String Weight:	Initial	40000.00 lb
Depth to Top Packer:		3274.00 ft						Final	40000.00 lb
Depth to Bottom Packer:		3300.00 ft							
Interval between Packers:		26.00 ft							
Tool Length:		262.39 ft							
Number of Packers:		4	Diameter:	6.75 inches					

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
S.I. Tool	5.00			3253.00		
HYD S.I. Tool	5.00			3258.00		
Jars	5.00			3263.00		
Safety Joint	1.00			3264.00		
Packer	5.00			3269.00	26.00	Bottom Of Top Packer
Packer	5.00			3274.00		
Perforations	25.00			3299.00		
Blank Spacing	1.00			3300.00		
Packer	5.00			3305.00	26.00	Tool Interval
Packer	5.00			3310.00		
Perforations	5.00		Below	3315.00		
C.O. Sub	0.75			3315.75		
Drill Pipe	188.89			3504.64		
C.O. Sub	0.75			3505.39		
Bullnose	5.00			3510.39	210.39	Bottom Packers & Anchor
Total Tool Length:	**262.39**					

DRILL STEM TEST REPORT

FLUID SUMMARY

Samuel Gary Jr. & Assc.

1560 Broadway
Suite 2100
Denver Co. 80202
ATTN: Clayton Camozzi

Stiener #1-35

35-17S-12W Barton

Job Ticket: 16130 **DST#: 1**

Test Start: 2008.07.18 @ 10:00:00

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:	ppm
Viscosity:	47.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.39 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	7000.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

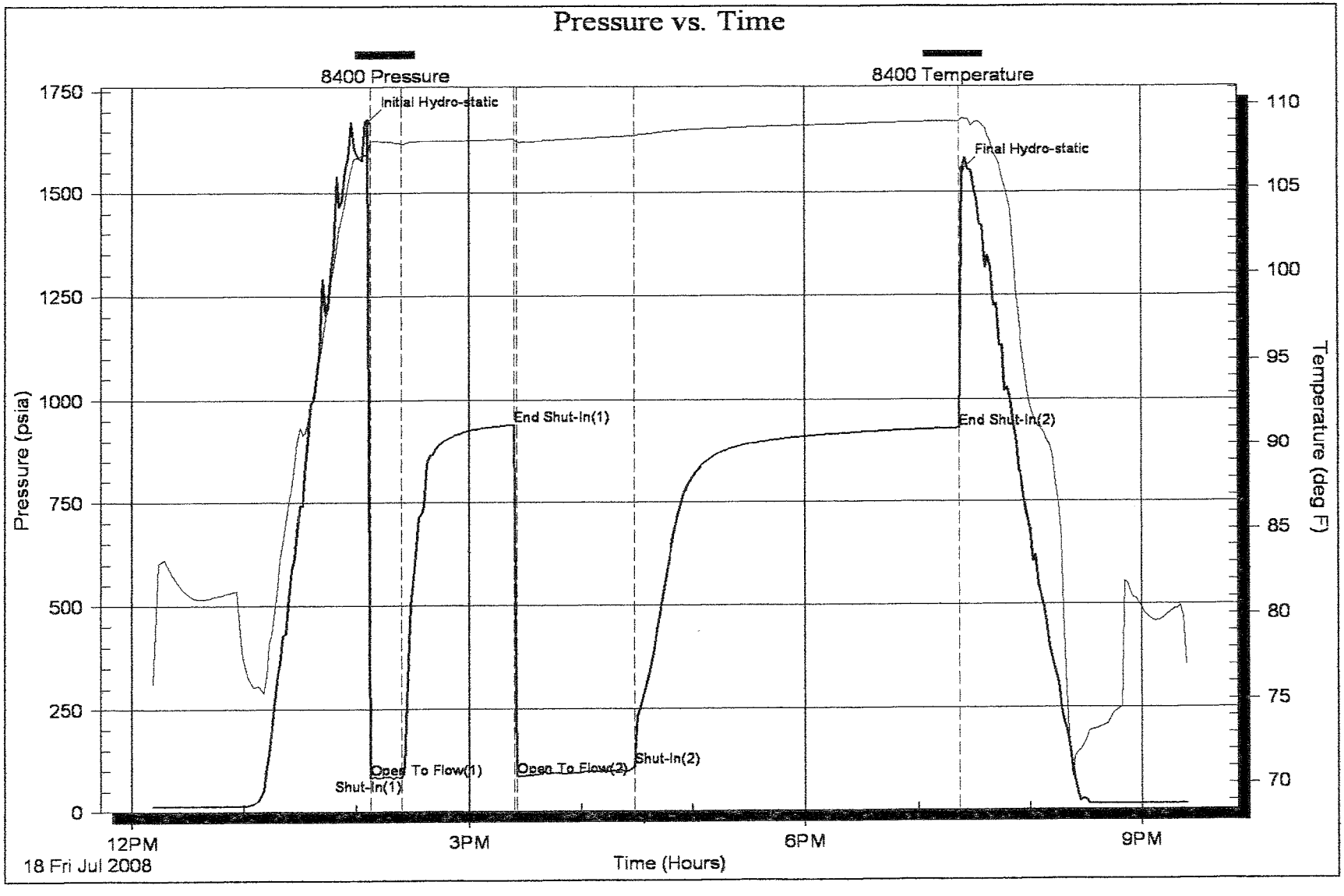
Recovery Table

Length ft	Description	Volume bbl
115.00	Mud 100%	1.682

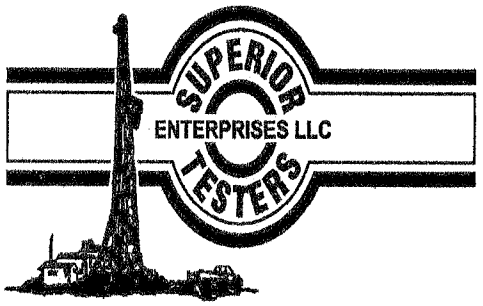
Total Length: 115.00 ft Total Volume: 1.682 bbl

Num Fluid Samples: 2 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

Serial #: 8400 | Samuel Gary Jr. & Assc. | 35-17S-12W Barton | DST Test Number: 1



Superior Testers Enterprises LLC | Ref. No: 16130 | Printed: 2008.07.18 @ 20:04:16



DRILL STEM TEST REPORT

Prepared For: **SAMUEL GARY JR ASSOCIATES INC**

1560 BROADWAY SUITE 2100 DENVER CO
80202

ATTN: CLAYTON COMOZZI

35-17S-12W BARTON KS

STEINER 1-35

Start Date: 1999.05.20 @ 11:44:12

End Date: 1999.05.20 @ 16:37:12

Job Ticket #: 15468 DST #: 2

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2008.07.22 @ 15:32:14

DRILL STEM TEST REPORT

SAMUEL GARY JR ASSOCIATES INC

1560 BROADWAY SUITE 2100 DENVER CO 80202

ATTN: CLAYTON COMOZZI

STEINER 1-35

35-17S-12W BARTON KS

Job Ticket: 15468 **DST#: 2**

Test Start: 1999.05.20 @ 11:44:12

GENERAL INFORMATION:

Formation: **arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:23:12
Time Test Ended: 16:37:12

Test Type: Conventional Bottom Hole (Initial)
Tester: david nichols
Unit No: 3345 39 GB

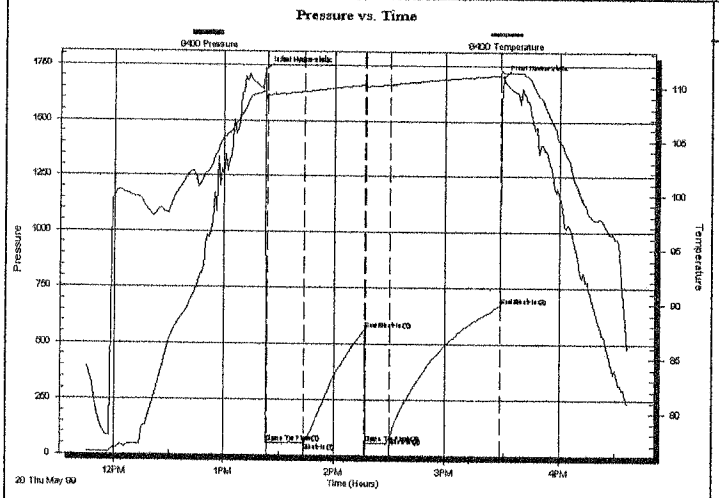
Interval: 3356.00 ft (KB) To 3407.00 ft (KB) (TVD)
Total Depth: 3407.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1876.00 ft (KB)
1870.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8400
Press@RunDepth: 82.23 psig @ ft (KB)
Start Date: 1999.05.20 End Date: 1999.05.20
Start Time: 11:45:12 End Time: 16:37:12

Capacity: 5000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 1999.05.20 @ 13:22:42
Time Off Btm: 1999.05.20 @ 15:29:42

TEST COMMENT: intial opening surface blow
intial shut in no blow back
final opening no blow
final shut in no blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1727.26	109.63	Initial Hydro-static
1	53.53	108.80	Open To Flow (1)
21	56.46	109.52	Shut-In(1)
54	563.55	110.15	End Shut-In(1)
55	53.57	109.86	Open To Flow (2)
67	82.23	110.16	Shut-In(2)
126	672.47	111.06	End Shut-In(2)
127	1697.14	111.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%MUD	0.15

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

SAMUEL GARY JR ASSOCIATES INC

1560 BROADWAY SUITE 2100 DENVER CO 80202

ATTN: CLAYTON COMOZZI

STEINER 1-35

35-17S-12W BARTON KS

Job Ticket: 15468 **DST#: 2**

Test Start: 1999.05.20 @ 11:44:12

Tool Information

Drill Pipe:	Length:	3330.00 ft	Diameter:	3.88 inches	Volume:	48.70 bbl	
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	
					Total Volume:	48.70 bbl	

Drill Pipe Above KB:	4.00 ft
Depth to Top Packer:	3356.00 ft
Depth to Bottom Packer:	ft
Interval between Packers:	50.90 ft
Tool Length:	80.90 ft
Number of Packers:	2 Diameter: 6.75 inches

Tool Weight:	20000.00 lb
Weight set on Packer:	20000.00 lb
Weight to Pull Loose:	42000.00 lb
Tool Chased	0.00 ft
String Weight: Initial	36000.00 lb
Final	36000.00 lb

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
CIRCULATING SUB	1.00			3327.00		
CHANGE OVER SUB	1.00			3328.00		
SHUT IN TOOL	5.00			3333.00		
HYDROLIC TOOL	5.00		Fluid	3338.00		
JARS	6.00			3344.00		
SAFETY JOINT	2.00			3346.00		
Packer	5.00			3351.00	30.00	Bottom Of Top Packer
Packer	5.00		Inside	3356.00		
STUBB	0.00			3356.00		
Anchor	13.00			3369.00		
CHANGE OFFER	0.75			3369.75		
DRILL PIPE	31.40			3401.15		
CHANGE OFFER	0.75			3401.90		
BULL PLUG	5.00			3406.90	50.90	Bottom Packers & Anchor
Total Tool Length:	**80.90**					

DRILL STEM TEST REPORT

FLUID SUMMARY

SAMUEL GARY JR ASSOCIATES INC

1560 BROADWAY SUITE 2100 DENVER CO 80202

ATTN: CLAYTON COMOZZI

STEINER 1-35

35-17S-12W BARTON KS

Job Ticket: 15468 **DST#: 2**

Test Start: 1999.05.20 @ 11:44:12

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:	bbl		
Water Loss:	9.97 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	6100.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%MUD	0.146

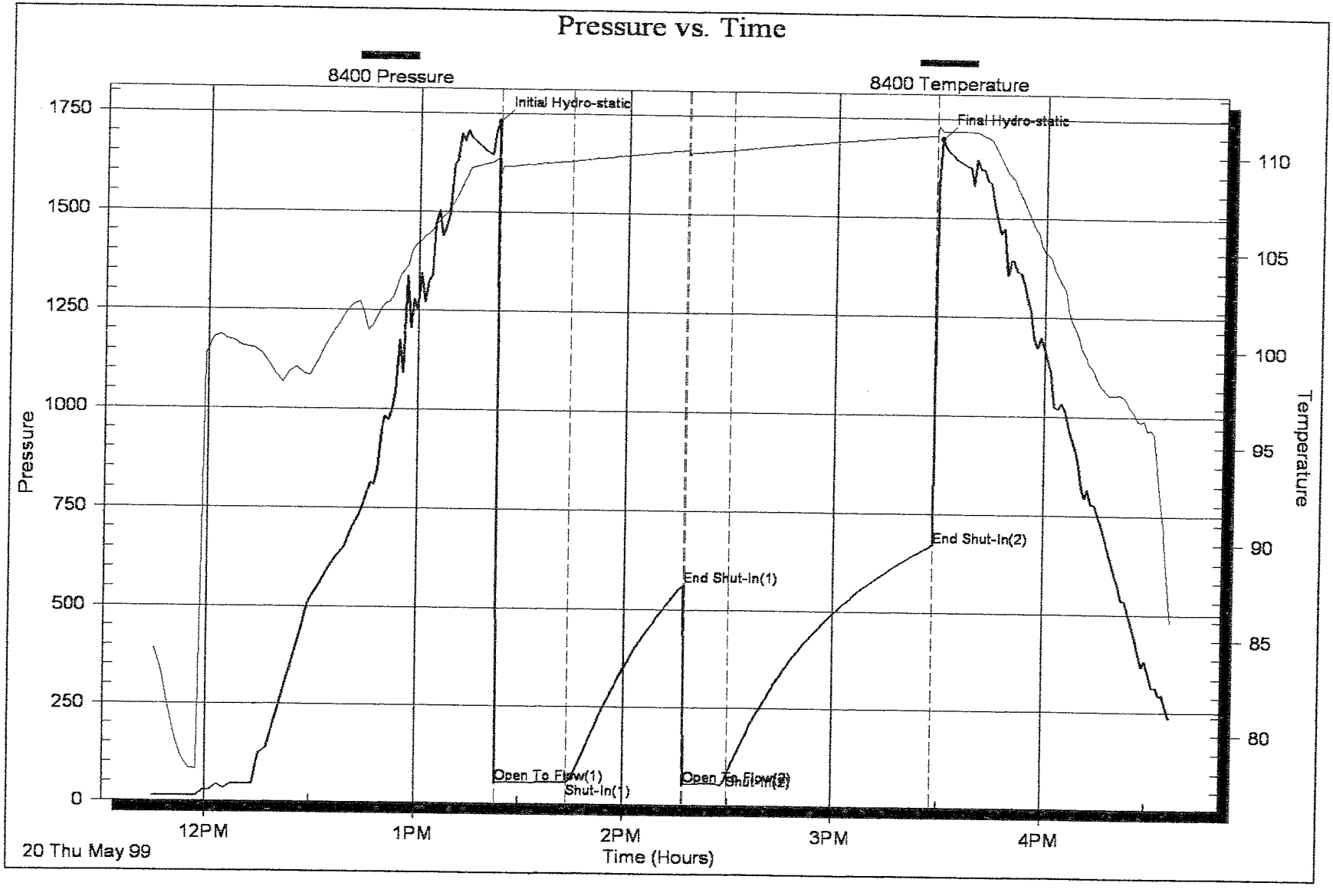
Total Length: 10.00 ft Total Volume: 0.146 bbl

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

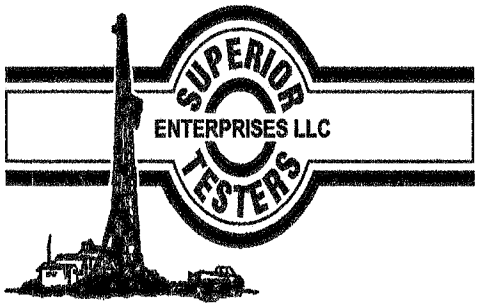
Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8400 SAMUEL GARY JR ASSOCIATES INC 35-17S-12W BARTON KS DST Test Number: 2



Superior Testers Enterprises LLC Ref. No: 15468 Printed: 2008.07.22 @ 15:32:15



DRILL STEM TEST REPORT

Prepared For: **SAMUEL GARY JR ASSOCIATES INC**

1560 BROADWAY SUITE 2100 DENVER CO
80202

ATTN: CLAYTON COMOZZI

35-17S-12W BARTON KS

STEINER 1-35

Start Date: 1999.05.20 @ 11:44:12

End Date: 1999.05.20 @ 17:16:42

Job Ticket #: 15469 DST #: 3

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2008.07.16 @ 16:30:23

DRILL STEM TEST REPORT

SAMUEL GARY JR ASSOCIATES INC

1560 BROADWAY SUITE 2100 DENVER CO 80202

ATTN: CLAYTON COMOZZI

STEINER 1-35

35-17S-12W BARTON KS

Job Ticket: 15469 **DST#: 3**

Test Start: 1999.05.20 @ 11:44:12

GENERAL INFORMATION:

Formation: **ARBUCKLE**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:29:12
Time Test Ended: 17:16:42

Test Type: Conventional Bottom Hole (Initial)
Tester: DAVID NICHOLS
Unit No: 3345 39 GB

Interval: 3407.00 ft (KB) To 3417.00 ft (KB) (TVD)
Total Depth: 3417.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

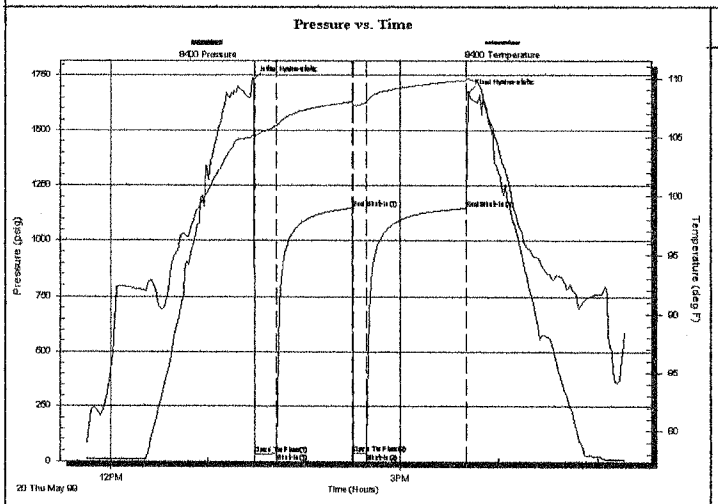
Reference Elevations: 1876.00 ft (KB)
1870.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8400

Press@RunDepth: 39.02 psig @ ft (KB)
Start Date: 1999.05.20 End Date: 1999.05.20
Start Time: 11:45:12 End Time: 17:16:42

Capacity: 5000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 1999.05.20 @ 13:28:42
Time Off Btm: 1999.05.20 @ 15:41:42

TEST COMMENT: INITAL OPENING WEAK BLOW BUILT TO 1 INCH INTO THE WATER
INITAL SHUT IN NO BLOW BACK
FINAL OPENING NO BLOW
FINAL SHUT IN NO BLOW BACK



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1731.83	105.25	Initial Hydro-static
1	33.94	105.00	Open To Flow (1)
14	36.27	105.93	Shut-In(1)
62	1147.07	108.04	End Shut-In(1)
62	36.80	107.71	Open To Flow (2)
71	39.02	108.00	Shut-In(2)
132	1146.72	109.86	End Shut-In(2)
133	1670.26	109.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	MUD 100%MUD	0.29

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

SAMUEL GARY JR ASSOCIATES INC

1560 BROADWAY SUITE 2100 DENVER CO 80202

ATTN: CLAYTON COMOZZI

STEINER 1-35

35-17S-12W BARTON KS

Job Ticket: 15469 **DST#: 3**

Test Start: 1999.05.20 @ 11:44:12

Tool Information

Drill Pipe:	Length:	3381.00 ft	Diameter:	3.88 inches	Volume:	49.44 bbl	Tool Weight:	2000.00 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:	45000.00 lb
					Total Volume:	49.44 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		4.00 ft					String Weight: Initial	37000.00 lb
Depth to Top Packer:		3407.00 ft					Final	37000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		10.00 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	
CIRCULATING SUB	1.00			3378.00		
CHANGE OVER SUB	1.00			3379.00		
SHUT IN TOOL	5.00			3384.00		
HYDROLIC TOOL	5.00		Fluid	3389.00		
JARS	6.00			3395.00		
SAFETY JOINT	2.00			3397.00		
Packer	5.00			3402.00	30.00	Bottom Of Top Packer
Packer	5.00		Inside	3407.00		
STUBB	0.00			3407.00		
Anchor	5.00			3412.00		
BULL PLUG	5.00			3417.00	10.00	Bottom Packers & Anchor
Total Tool Length:	**40.00**					

DRILL STEM TEST REPORT

FLUID SUMMARY

SAMUEL GARY JR ASSOCIATES INC

1560 BROADWAY SUITE 2100 DENVER CO 80202

ATTN: CLAYTON COMOZZI

STEINER 1-35

35-17S-12W BARTON KS

Job Ticket: 15469 **DST#: 3**

Test Start: 1999.05.20 @ 11:44:12

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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	10.38 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7500.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	MUD 100%MUD	0.292

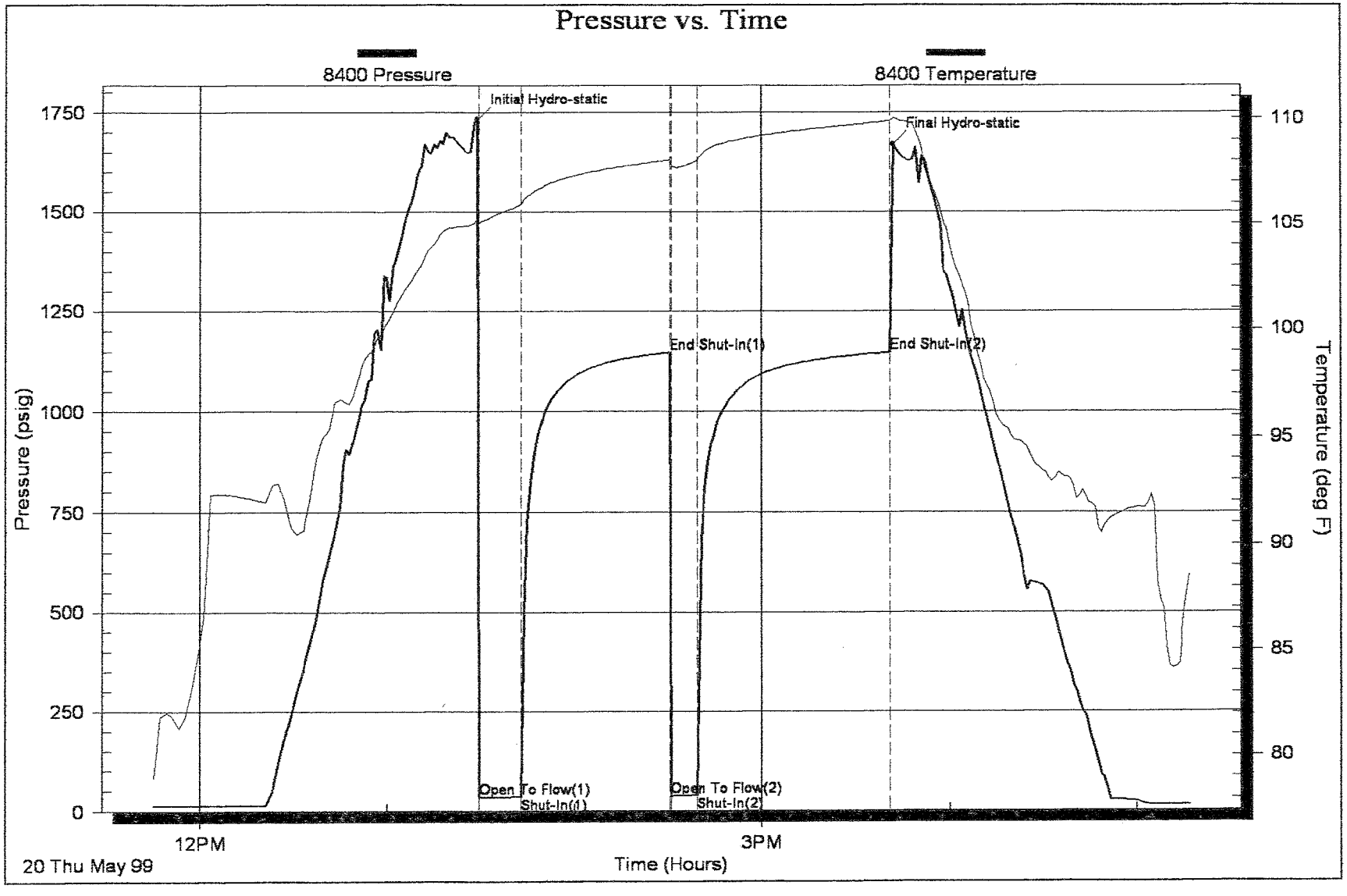
Total Length: 20.00 ft Total Volume: 0.292 bbl

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

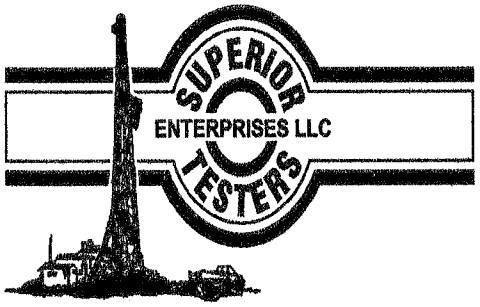
Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8400 SAMUEL GARY JR ASSOCIATES INC 35-17S-12W BARTON KS DST Test Number: 3



Superior Testers Enterprises LLC Ref. No: 15469 Printed: 2008.07.16 @ 16:30:23



DRILL STEM TEST REPORT

Prepared For: **SAMUEL GARY JR ASSOCIATES INC**

1560 BROADWAY SUITE 2100 DENVER CO
80202

ATTN: CLAYTON COMOZZI

35-17S-12W BARTON KS

STEINER 1-35

Start Date:

End Date: 1899.12.30 @ 09:41:30

Job Ticket #: 16130 DST #: 4

Superior Testers Enterprises LLC

PO Box 138 Great Bend KS 67530

1-800-792-6902

Printed: 2008.07.18 @ 22:02:10

SAMUEL GARY JR ASSOCIATES INC STEINER 1-35 35-17S-12W BARTON KS DST # 4 LANSING "J"

DRILL STEM TEST REPORT

SAMUEL GARY JR ASSOCIATES INC

1560 BROADWAY SUITE 2100 DENVER CO 80202

ATTN: CLAYTON COMOZZI

STEINER 1-35

35-17S-12W BARTON KS

Job Ticket: 16130 **DST#: 4**

Test Start:

GENERAL INFORMATION:

Formation: **LANSING "J"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 01:57:30
Time Test Ended: 09:41:30

Test Type: Conventional Straddle (Initial)
Tester: FRANK ZAMARIPA
Unit No: 3335 38 GB

Interval: 3274.00 ft (KB) To 3300.00 ft (KB) (TVD)
Total Depth: 3500.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

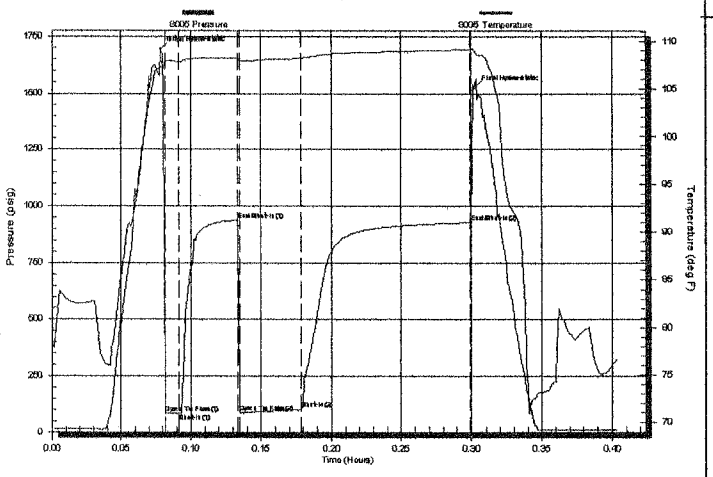
Reference Elevations: 1876.00 ft (KB)
1870.00 ft (CF)
KB to GR/CF: 6.00 ft

Serial #: 8005

Press@RunDepth: 105.65 psig @ ft (KB)
Start Date: End Date: 1899.12.30
Start Time: End Time: 09:41:30

Capacity: 5000.00 psig
Last Calib.: 1899.12.30
Time On Btm: 1899.12.30 @ 01:53:00
Time Off Btm: 1899.12.30 @ 07:15:30

TEST COMMENT: INITIAL FLOW:Fair blow built to 10 inches into the water
INITIAL SHUT-IN: No blow back
FINAL FLOW:Weak steady 1 inch blow
FINAL SHUT-IN: No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1693.21	107.26	Initial Hydro-static
5	82.12	107.91	Open To Flow (1)
18	83.20	107.83	Shut-In(1)
80	939.03	108.22	End Shut-In(1)
81	86.53	107.85	Open To Flow (2)
144	105.65	108.17	Shut-In(2)
318	928.37	109.09	End Shut-In(2)
323	1521.71	109.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
115.00	100% DRILLING MUD	1.61

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

SAMUEL GARY JR ASSOCIATES INC

1560 BROADWAY SUITE 2100 DENVER CO 80202

ATTN: CLAYTON COMOZZI

STEINER 1-35

35-17S-12W BARTON KS

Job Ticket: 16130 **DST#: 4**

Test Start:

Tool Information

Drill Pipe:	Length:	3130.00 ft	Diameter:	3.80 inches	Volume:	43.91 bbl	Tool Weight:	2000.00 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:	50000.00 lb
					Total Volume:	43.91 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		5.75 ft					String Weight: Initial	40000.00 lb
Depth to Top Packer:		3274.00 ft					Final	40000.00 lb
Depth to Bottom Packer:		3300.00 ft						
Interval betw een Packers:		26.00 ft						
Tool Length:		385.65 ft						
Number of Packers:		4	Diameter:	6.75 inches				

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Circulating Sub	1.00			3125.25		
Collars or Drill Pipe	120.00			3245.25		
Change Over Sub	0.75			3246.00		
Shut-in Tool	5.00			3251.00		
Hydrolic Tool	5.00			3256.00		
Jars	6.00			3262.00		
Safety Joint	2.00		Inside	3264.00		
Packer	5.00			3269.00	149.75	Bottom Of Top Packer
Packer	5.00			3274.00		
Anchor	25.00			3299.00		
Blank Off Sub	1.00			3300.00		
Packer	5.00			3305.00	26.00	Tool Interval
Packer	5.00			3310.00		
ANCHOR	1.00			3311.00		
CHANGE OVER SUB	0.75		Outside	3311.75		
DRILL PIPE	183.40		Outside	3495.15		
CHANGE OVER SUB	0.75			3495.90		
ANCHOR	9.00			3504.90		
Bullnose	5.00			3509.90	209.90	Bottom Packers & Anchor
Total Tool Length:	**385.65**					

DRILL STEM TEST REPORT

FLUID SUMMARY

SAMUEL GARY JR ASSOCIATES INC

1560 BROADWAY SUITE 2100 DENVER CO 80202

ATTN: CLAYTON COMOZZI

STEINER 1-35

35-17S-12W BARTON KS

Job Ticket: 16130 **DST#: 4**

Test Start:

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:	bbl		
Water Loss:	10.30 in³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	7000.00 ppm				
Filter Cake:	0.10 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
115.00	100% DRILLING MUD	1.613

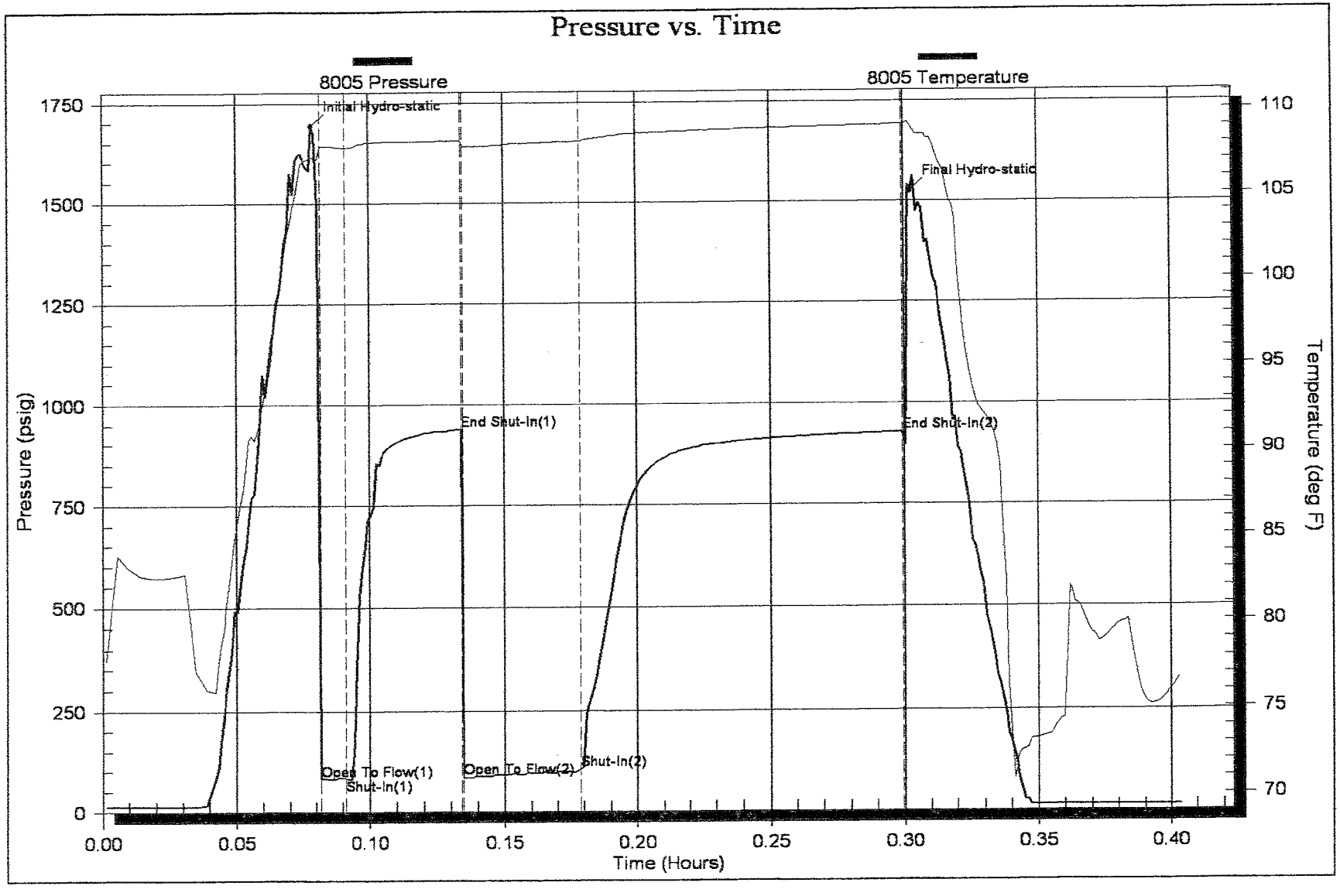
Total Length: 115.00 ft Total Volume: 1.613 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

Serial #: 8005 SAMUEL GARY JR ASSOCIATES INC 35-17S-12W BARTON KS DST Test Number: 4



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