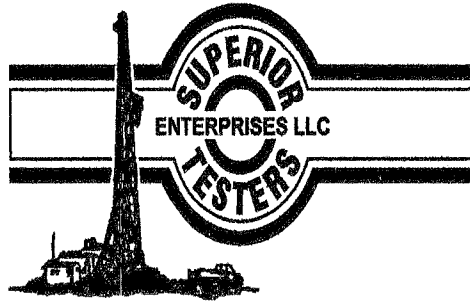


15-009-25275

35-17s-12w



DRILL STEM TEST REPORT

Prepared For: **SAMUEL GARY JR. & ASSOC. INC**

1560 BROADWAY STE 2100
DENVER CO. 80202-4824

ATTN: CLAYTON CAMOZZI

35-17S-12W BARTON

SCHNEWEIS #3-35

Start Date: 2008.11.23 @ 07:45:25

End Date: 2008.11.23 @ 15:23:25

Job Ticket #: 16173 DST #: 2

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

Printed: 2008.11.24 @ 20:44:10

SAMUEL GARY JR. & ASSOC. INC

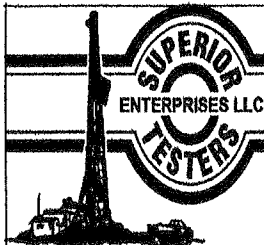
SCHNEWEIS #3-35

35-17S-12W BARTON

DST # 2

ARBuckle

2008.11.23



DRILL STEM TEST REPORT

SAMUEL GARY JR. & ASSOC. INC

SCHNEWEIS #3-35

1560 BROADWAY STE 2100
DENVER CO. 80202-4824

35-17S-12W BARTON

Job Ticket: 16173

DST#: 2

ATTN: CLAYTON CAMOZZI

Test Start: 2008.11.23 @ 07:45:25

GENERAL INFORMATION:

Formation: **ARBUCKLE**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:38:55

Time Test Ended: 15:23:25

Test Type: Conventional Bottom Hole (Initial)

Tester: FRANK ZAMARRIPA

Unit No: 3335 32M GB

Interval: **3365.00 ft (KB) To 3383.00 ft (KB) (TVD)**

Total Depth: 3383.00 ft (KB) (TVD)

Reference Elevations: 1842.00 ft (KB)

Hole Diameter: 7.88 inches Hole Condition: Fair

1833.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8405

Outside

Press@RunDepth: 141.50 psia @ 3380.00 ft (KB)

Start Date: 2008.11.23

End Date:

2008.11.23

Capacity: 2000.00 psia

Last Calib.: 2008.11.23

Start Time: 07:47:25

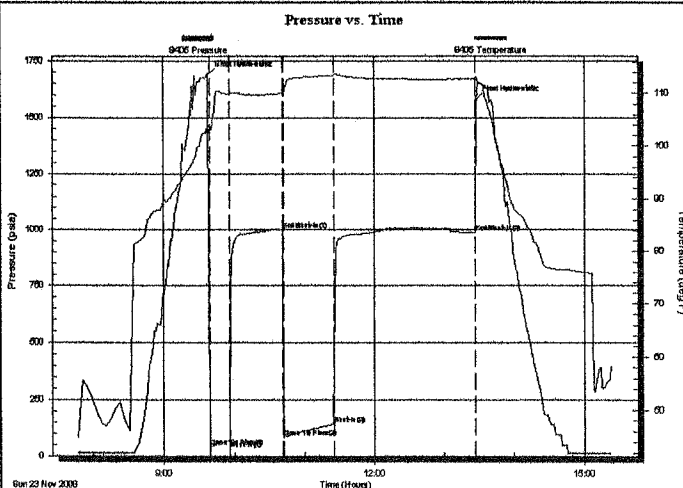
End Time:

15:23:25

Time On Btm: 2008.11.23 @ 09:37:55

Time Off Btm: 2008.11.23 @ 13:27:55

TEST COMMENT: 15-INITIAL OPEN:WEAK BUILDING BLOW BUILT TO 9 INCHES
45-INITIAL SHUT-IN:WEAK BLOW BACK BUILT TO 1 INCH
45-FINAL OPEN:WEAK BUILDING BLOW BUILT TO BOTTOM OF 5 GALLON BUCKET IN 32 MINUTES
120-FINAL SHUT-IN:WEAK BLOW BACK BUILT TO 1 INCH



PRESSURE SUMMARY

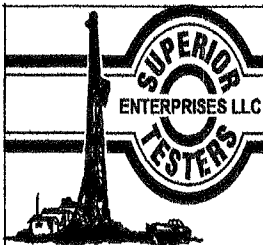
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1688.49	103.40	Initial Hydro-static
2	40.77	102.83	Open To Flow (1)
18	68.99	109.83	Shut-In(1)
63	1000.85	110.01	End Shut-In(1)
65	81.85	109.58	Open To Flow (2)
107	141.50	113.39	Shut-In(2)
230	988.96	112.71	End Shut-In(2)
230	1577.02	113.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	SOCMW 2% OIL 38% MUD 60% WATER	0.85
60.00	SOCW 2% OIL 98% WATER	0.85
60.00	OCW 5% OIL 95% WATER	0.85
60.00	OCMW 5% OIL 5% MUD 90% WATER	0.85
60.00	OCM 10% OIL 90% MUD	0.85

Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

SAMUEL GARY JR. & ASSOC. INC

SCHNEWEIS #3-35

1560 BROADWAY STE 2100
DENVER CO. 80202-4824

35-17S-12W BARTON

Job Ticket: 16173

DST#: 2

ATTN: CLAYTON CAMOZZI

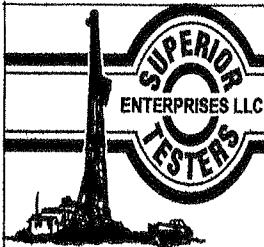
Test Start: 2008.11.23 @ 07:45:25

Tool Information

Drill Pipe:	Length: 3338.00 ft	Diameter: 3.82 inches	Volume: 47.32 bbl	Tool Weight: 20000.00 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: 40000.00 lb
		Total Volume: 47.32 bbl		Tool Chased 0.00 ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3365.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	18.00 ft			
Tool Length:	46.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			3342.00	
Hydraulic Tool	5.00			3347.00	
Jars	6.00			3353.00	
Safety Joint	2.00			3355.00	
Packer	5.00			3360.00	28.00 Bottom Of Top Packer
Packer	5.00			3365.00	
Perforations	13.00			3378.00	
Recorder	1.00	4143	Inside	3379.00	
Recorder	1.00	8405	Outside	3380.00	
Bullnose	3.00			3383.00	18.00 Bottom Packers & Anchor
Total Tool Length:	46.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

SAMUEL GARY JR. & ASSOC. INC

SCHNEWEIS #3-35

1560 BROADWAY STE 2100
DENVER CO. 80202-4824

35-17S-12W BARTON

Job Ticket: 16173

DST#: 2

ATTN: CLAYTON CAMOZZI

Test Start: 2008.11.23 @ 07:45:25

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 18000 ppm

ft

bbl

psia

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	SOCMW 2% OIL 38% MUD 60% WATER	0.851
60.00	SOCW 2% OIL 98% WATER	0.851
60.00	OCW 5% OIL 95% WATER	0.851
60.00	OCMW 5% OIL 5% MUD 90% WATER	0.851
60.00	OCM 10% OIL 90% MUD	0.851

Total Length: 300.00 ft

Total Volume: 4.255 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

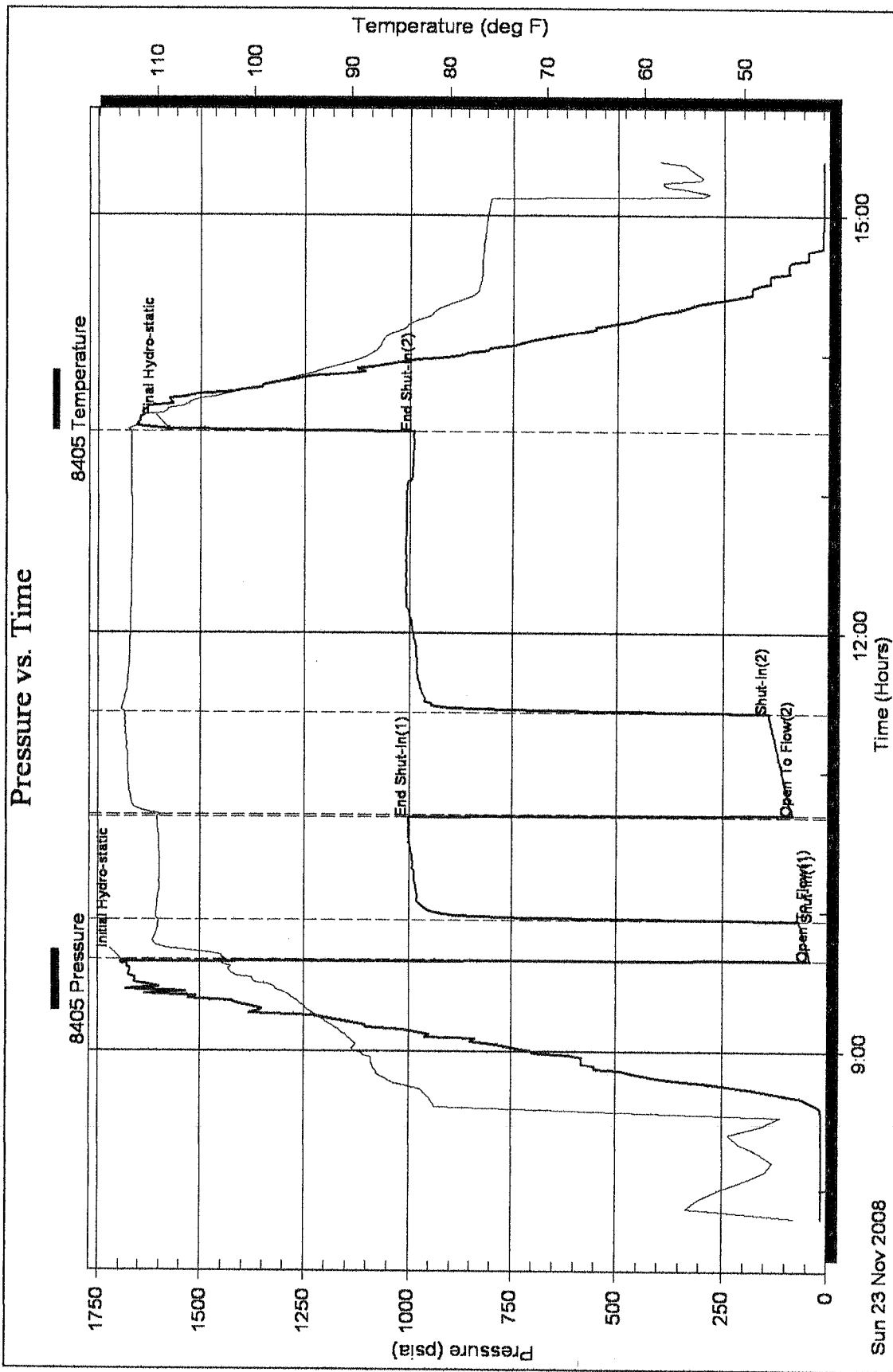
Recovery Comments:

DST Test Number: 2

35-17S-12W BARTON

Serial #: 8405 Outside SAMUEL GARY JR. & ASSOC. INC

Pressure vs. Time



Printed: 2008.11.24 @ 20:44:10

Ref. No: 16173

Superior Testers Enterprises LLC

DST Test Number: 2

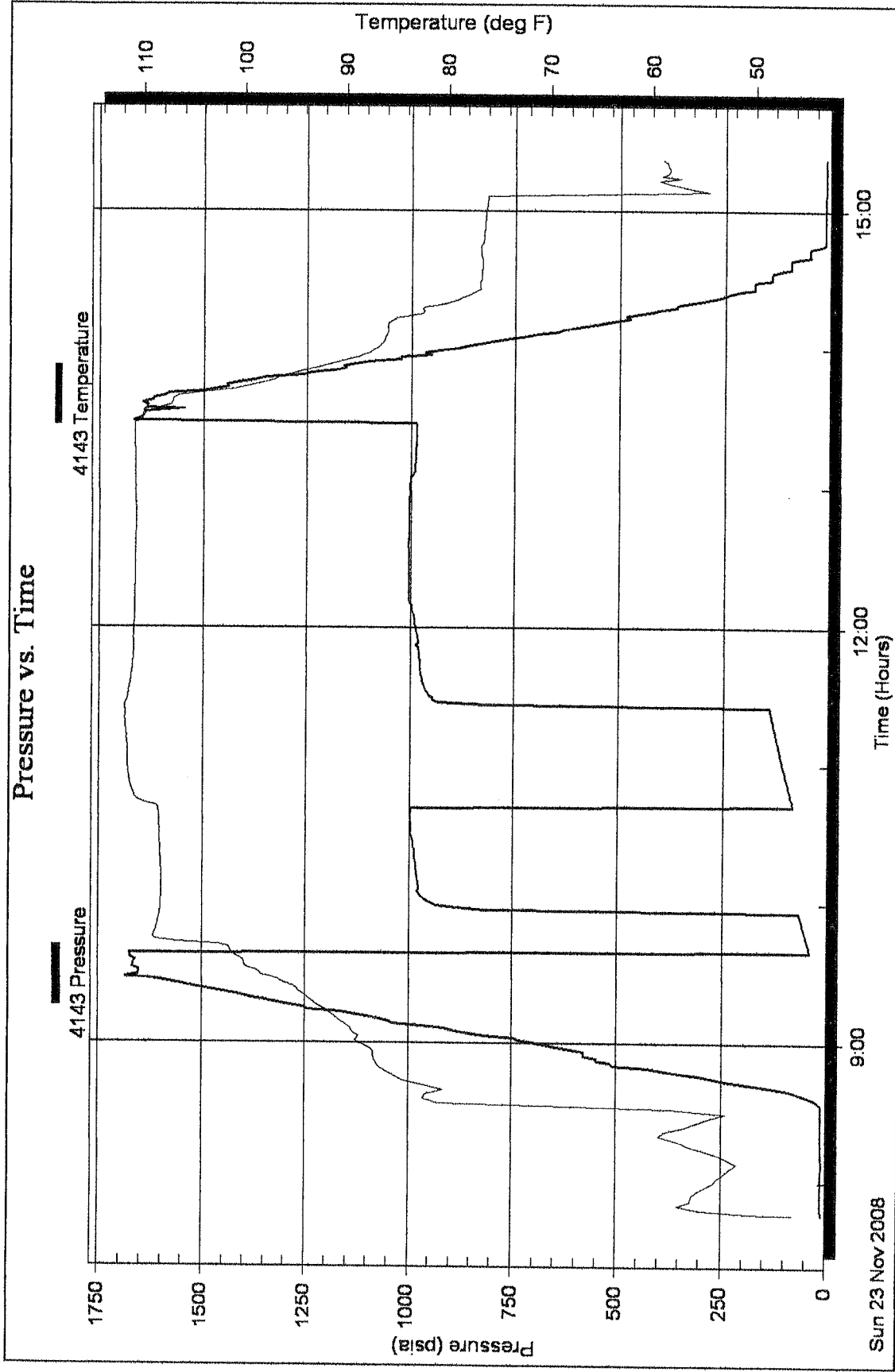
35-17S-12W BARTON

SAMUEL GARY JR. & ASSOC. INC

Inside

Serial #: 4143

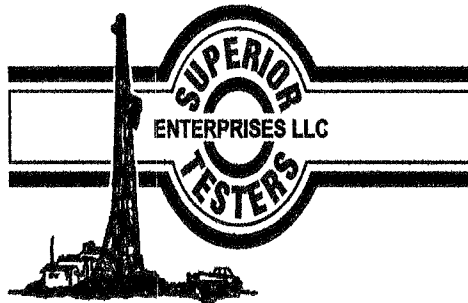
Pressure vs. Time



Printed: 2008.11.24 @ 20:44:11

Ref. No: 16173

Superior Testers Enterprises LLC



DRILL STEM TEST REPORT

Prepared For: **SAMUEL GARY JR. & ASSOC. INC**

1560 BROADWAY STE 2100
DENVER CO. 80202-4824

ATTN: CLAYTON CAMOZZI

35-17S-12W BARTON

SCHNEWEIS #3-35

Start Date: 2008.11.22 @ 14:21:10

End Date: 2008.11.22 @ 20:15:40

Job Ticket #: 16172 DST #: 1

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

Printed: 2008.11.22 @ 22:14:10

SAMUEL GARY JR. & ASSOC. INC

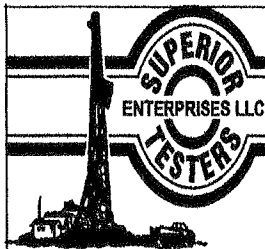
SCHNEWEIS #3-35

35-17S-12W BARTON

DST # 1

LANSING "H-I-J"

2008.11.22



DRILL STEM TEST REPORT

SAMUEL GARY JR. & ASSOC. INC

1560 BROADWAY STE 2100
DENVER CO. 80202-4824

ATTN: CLAYTON CAMOZZI

SCHNEWEIS #3-35

35-17S-12W BARTON

Job Ticket: 16172

DST#: 1

Test Start: 2008.11.22 @ 14:21:10

GENERAL INFORMATION:

Formation: **LANSING "H-I-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:28:40

Time Test Ended: 20:15:40

Test Type: Conventional Bottom Hole (Initial)

Tester: FRANK ZAMARRIPA

Unit No: 3335 32MGB

Interval: **3200.00 ft (KB) To 3270.00 ft (KB) (TVD)**

Total Depth: 3270.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1842.00 ft (KB)

1833.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8405

Inside

Press@RunDepth: 73.65 psia @ 3265.00 ft (KB)

Start Date: 2008.11.22

End Date:

2008.11.22

Start Time: 14:23:10

End Time:

20:15:40

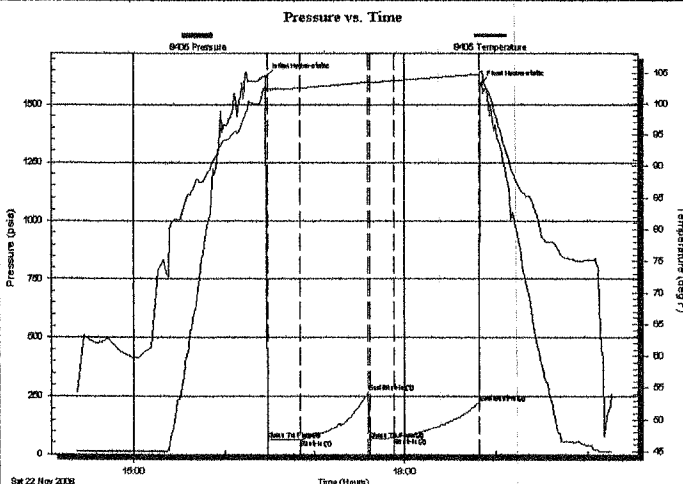
Capacity: 2000.00 psia

Last Calib.: 2008.11.22

Time On Btm: 2008.11.22 @ 16:27:40

Time Off Btm: 2008.11.22 @ 18:49:40

TEST COMMENT: 20-INITIAL OPEN:WEAK SURFACE BLOW
45-INITIAL SHUT-IN:NO BLOW BACK
10-FINAL OPEN:NO BLOW
60-FINAL SHUT-IN:NO BLOW BACK



PRESSURE SUMMARY

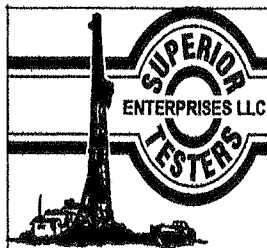
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1622.04	102.53	Initial Hydro-static
2	64.24	102.22	Open To Flow (1)
24	65.63	102.52	Shut-In(1)
69	266.57	103.48	End Shut-In(1)
69	66.18	103.40	Open To Flow (2)
86	73.65	103.69	Shut-In(2)
141	224.37	104.70	End Shut-In(2)
143	1589.49	105.27	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD 100%	0.07

Gas Rates

Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

SAMUEL GARY JR. & ASSOC. INC

SCHNEWEIS #3-35

1560 BROADWAY STE 2100
DENVER CO. 80202-4824

35-17S-12W BARTON

Job Ticket: 16172

DST#: 1

ATTN: CLAYTON CAMOZZI

Test Start: 2008.11.22 @ 14:21:10

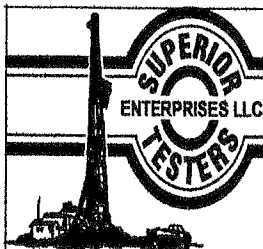
Tool Information

Drill Pipe:	Length: 3173.00 ft	Diameter: 3.82 inches	Volume: 44.98 bbl	Tool Weight:	20000.00 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: 44.98 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	1.00 ft			String Weight: Initial	35000.00 lb
Depth to Top Packer:	3200.00 ft			Final	35000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	70.00 ft				
Tool Length:	98.00 ft				
Number of Packers:	2	Diameter: 6.75 inches			
Tool Comments:					

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
S.I. Tool	5.00			3177.00	
Hydraulic Tool	5.00			3182.00	
Jars	6.00			3188.00	
Safety Joint	2.00			3190.00	
Packer	5.00			3195.00	28.00 Bottom Of Top Packer
Packer	5.00			3200.00	
Change Over Sub	0.75			3200.75	
Drill Pipe	30.50			3231.25	
Change Over Sub	0.75			3232.00	
Perforations	33.00			3265.00	
Recorder	0.00	8405	Inside	3265.00	
Recorder	0.00	4143	Outside	3265.00	
Bullnose	5.00			3270.00	70.00 Bottom Packers & Anchor

Total Tool Length: 98.00



DRILL STEM TEST REPORT

FLUID SUMMARY

SAMUEL GARY JR. & ASSOC. INC

SCHNEWEIS #3-35

1560 BROADWAY STE 2100
DENVER CO. 80202-4824

35-17S-12W BARTON

Job Ticket: 16172

DST#: 1

ATTN: CLAYTON CAMOZZI

Test Start: 2008.11.22 @ 14:21:10

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 8.79 in³

Resistivity: ohm.m

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	MUD 100%	0.071

Total Length:

5.00 ft

Total Volume:

0.071 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

DST Test Number: 1

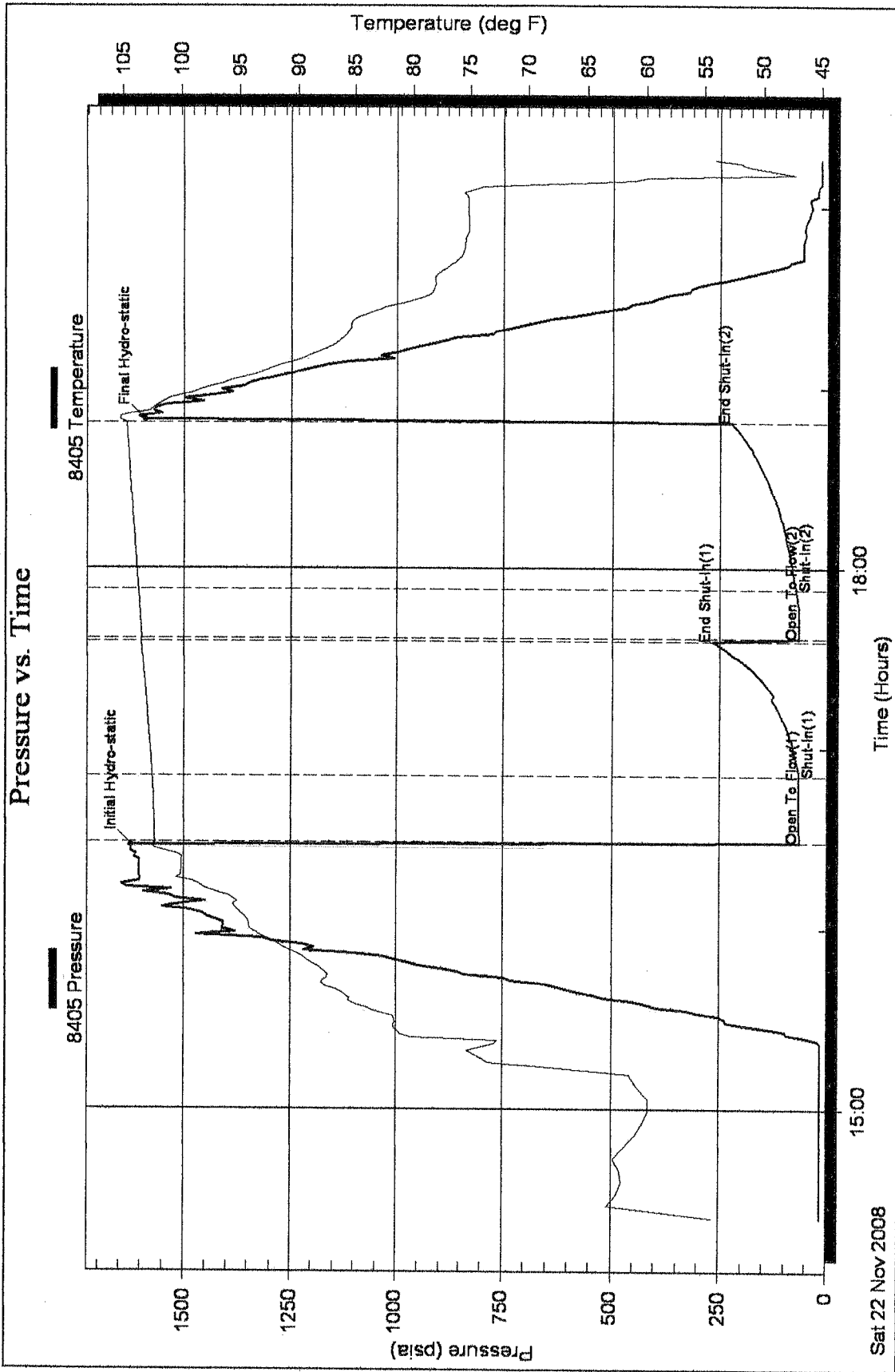
35-17S-12W BARTON

SAMUEL GARY JR. & ASSOC. INC

Inside

Serial #: 8405

Pressure vs. Time



Printed: 2008.11.22 @ 22:14:11

Ref. No: 16172

Superior Testers Enterprises LLC

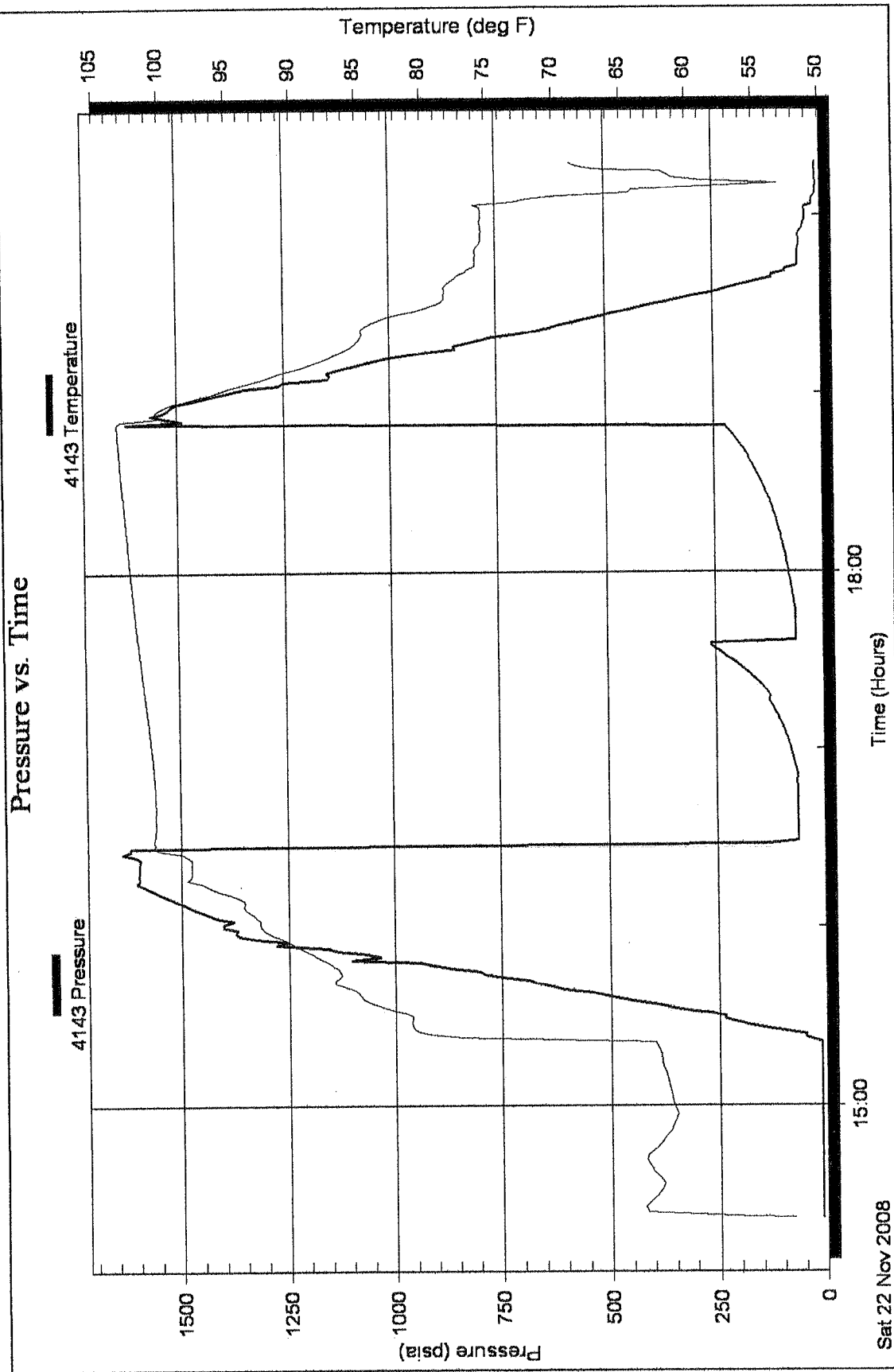
DST Test Number: 1

35-17S-12W BARTON

Outside SAMUEL GARY JR. & ASSOC. INC

Serial #: 4143

Pressure vs. Time



Printed: 2008.11.22 @ 22:14:11

Ref. No: 16172

Superior Testers Enterprises LLC