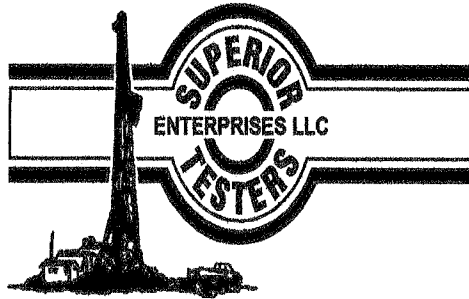


15-009-25508

1-20s-15w



DRILL STEM TEST REPORT

Prepared For: **Globe Operating Inc.**

P.O.Box 12
Great Bend ,Kansas 67530

ATTN: David Williams

1-20s-15w Barton

Jay #1

Start Date: 2011.01.19 @ 12:40:00

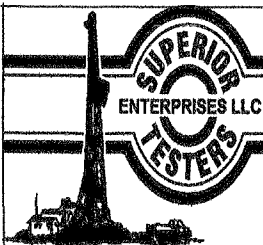
End Date: 2011.01.19 @ 00:00:00

Job Ticket #: 15761 DST #: 1

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

Printed: 2011.01.19 @ 08:59:46

Globe Operating Inc. Jay #1 1-20s-15w Barton DST # 1 Arbuckle 2011.01.19



DRILL STEM TEST REPORT

Globe Operating Inc.
P.O.Box 12
Great Bend ,Kansas 67530
ATTN: David Williams

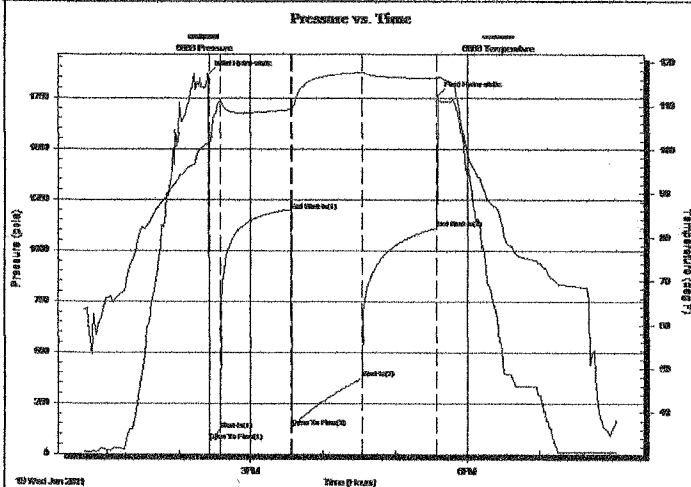
Jay #1
1-20s-15w Barton
Job Ticket: 15761 **DST#: 1**
Test Start: 2011.01.19 @ 12:40:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:00:00
Time Test Ended: 00:00:00
Interval: **3663.00 ft (KB) To 3689.00 ft (KB) (TVD)**
Total Depth: 3689.00 ft (KB) (TVD)
Hole Diameter: 7.88 inchesHole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Gene Budig
Unit No: 3335-
Reference Elevations: 1953.00 ft (KB)
1946.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 6666 Inside
Press@RunDepth: 1111.13 psia @ 3685.00 ft (KB)
Start Date: 2011.01.19 End Date: 2011.01.19
Start Time: 12:41:00 End Time: 20:06:00
Capacity: 5000.00 psia
Last Calib.: 2011.01.19
Time On Btm: 2011.01.19 @ 14:24:30
Time Off Btm: 2011.01.19 @ 17:35:00

TEST COMMENT: 1st Opening 10 Minutes-Fair blow built to the bottom of a 5 gallon bucket in 6 minutes
1st Shut-In 60 Minutes-No blow back
2nd Opening 60 Minutes-Fair blow built to the bottom of a 5 gallon bucket in 6 minutes
2nd Shut-In 60 Minutes-No blow back



PRESSURE SUMMARY

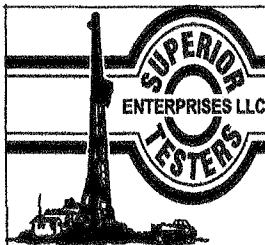
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1864.66	101.45	Initial Hydro-static
1	62.42	101.12	Open To Flow (1)
10	118.45	111.11	Shut-In (1)
70	1194.11	109.20	End Shut-In (1)
70	131.95	108.94	Open To Flow (2)
128	373.91	117.66	Shut-In (2)
190	1111.13	116.34	End Shut-In (2)
191	1760.79	116.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Muddy Water 50% Mud 50% Water	0.91
120.00	Muddy Water 40% Mud 60% Water	1.68
120.00	Slightly Muddy Water 10%Mud 90%Water	1.68
120.00	Slightly Muddy Water 5%Mud 95%Water	1.68
300.00	Water	4.21
0.00	Chlorides 16000	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Globe Operating Inc.
P.O.Box 12
Great Bend ,Kansas 67530
ATTN: David Williams

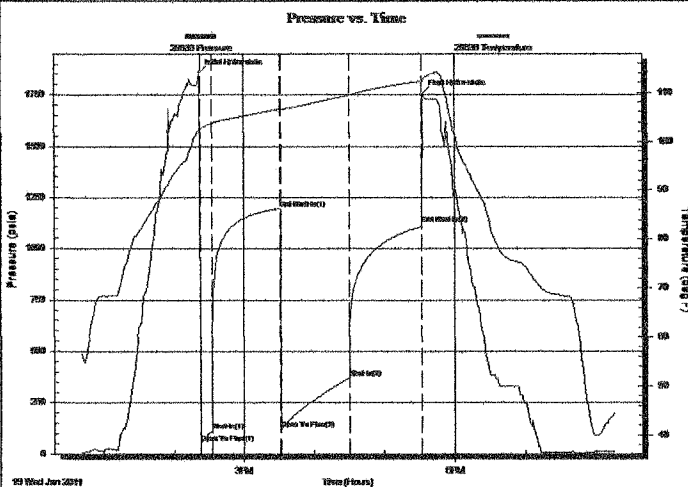
Jay #1
1-20s-15w Barton
Job Ticket: 15761 **DST#: 1**
Test Start: 2011.01.19 @ 12:40:00

GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 00:00:00
Time Test Ended: 00:00:00
Interval: **3663.00 ft (KB) To 3689.00 ft (KB) (TVD)**
Total Depth: 3689.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Gene Budig
Unit No: 3335-
Reference Elevations: 1953.00 ft (KB)
1946.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 29636 Outside
Press@RunDepth: 1122.14 psia @ 3686.00 ft (KB)
Start Date: 2011.01.19 End Date: 2011.01.19
Start Time: 12:42:00 End Time: 20:16:00
Capacity: 5000.00 psia
Last Calib.: 2011.01.19
Time On Btm: 2011.01.19 @ 14:22:00
Time Off Btm: 2011.01.19 @ 17:32:30

TEST COMMENT: 1st Opening 10 Minutes-Fair blow built to the bottom of a 5 gallon bucket in 6 minutes
1st Shut-In 60 Minutes-No blow back
2nd Opening 60 Minutes-Fair blow built to the bottom of a 5 gallon bucket in 6 minutes
2nd Shut-In 60 Minutes-No blow back



PRESSURE SUMMARY

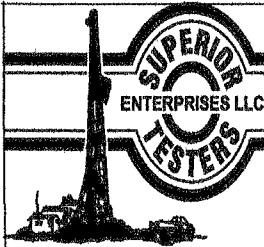
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1857.88	102.32	Initial Hydro-static
1	55.79	102.48	Open To Flow (1)
10	113.15	103.65	Shut-In (1)
69	1195.38	106.72	End Shut-In (1)
70	125.53	106.75	Open To Flow (2)
128	369.96	109.46	Shut-In (2)
190	1122.14	112.30	End Shut-In (2)
191	1754.56	112.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
65.00	Muddy Water 50% Mud 50% Water	0.91
120.00	Muddy Water 40% Mud 60% Water	1.68
120.00	Slightly Muddy Water 10%Mud 90%Water	1.68
120.00	Slightly Muddy Water 5%Mud 95%Water	1.68
300.00	Water	4.21
0.00	Chlorides 16000	0.00

Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcf/d)
----------------	-----------------	------------------



DRILL STEM TEST REPORT

TOOL DIAGRAM

Globe Operating Inc.

Jay #1

P.O.Box 12
Great Bend ,Kansas 67530

1-20s-15w Barton

Job Ticket: 15761

DST#: 1

ATTN: David Williams

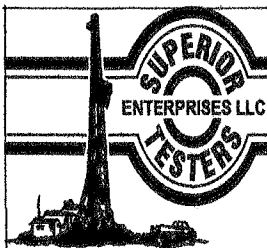
Test Start: 2011.01.19 @ 12:40:00

Tool Information

Drill Pipe:	Length: 3643.00 ft	Diameter: 3.80 inches	Volume: 51.10 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 63000.00 lb
		Total Volume:	51.10 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	8.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	3663.00 ft			Final 58000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	26.00 ft			
Tool Length:	54.00 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			3640.00		
Hydrolic Tool	5.00			3645.00		
Jars	6.00			3651.00		
Safety Joint	2.00			3653.00		
Packer	5.00			3658.00	28.00	Bottom Of Top Packer
Packer	5.00			3663.00		
Perforations	21.00			3684.00		
Recorder	1.00	6666	Inside	3685.00		
Recorder	1.00	95172	Outside	3686.00		
Bull Plug	3.00			3689.00	26.00	Bottom Packers & Anchor
Total Tool Length:		54.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Globe Operating Inc.

Jay #1

P.O.Box 12
Great Bend ,Kansas 67530

1-20s-15w Barton

Job Ticket: 15761

DST#: 1

ATTN: David Williams

Test Start: 2011.01.19 @ 12:40:00

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: 54.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 65000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Muddy Water 50% Mud 50% Water	0.912
120.00	Muddy Water 40% Mud 60% Water	1.683
120.00	Slightly Muddy Water 10%Mud 90%Water	1.683
120.00	Slightly Muddy Water 5%Mud 95%Water	1.683
300.00	Water	4.208
0.00	Chlorides 16000	0.000
0.00	Resistivity .6 @ 51 Degrees	0.000

Total Length: 725.00 ft

Total Volume: 10.169 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

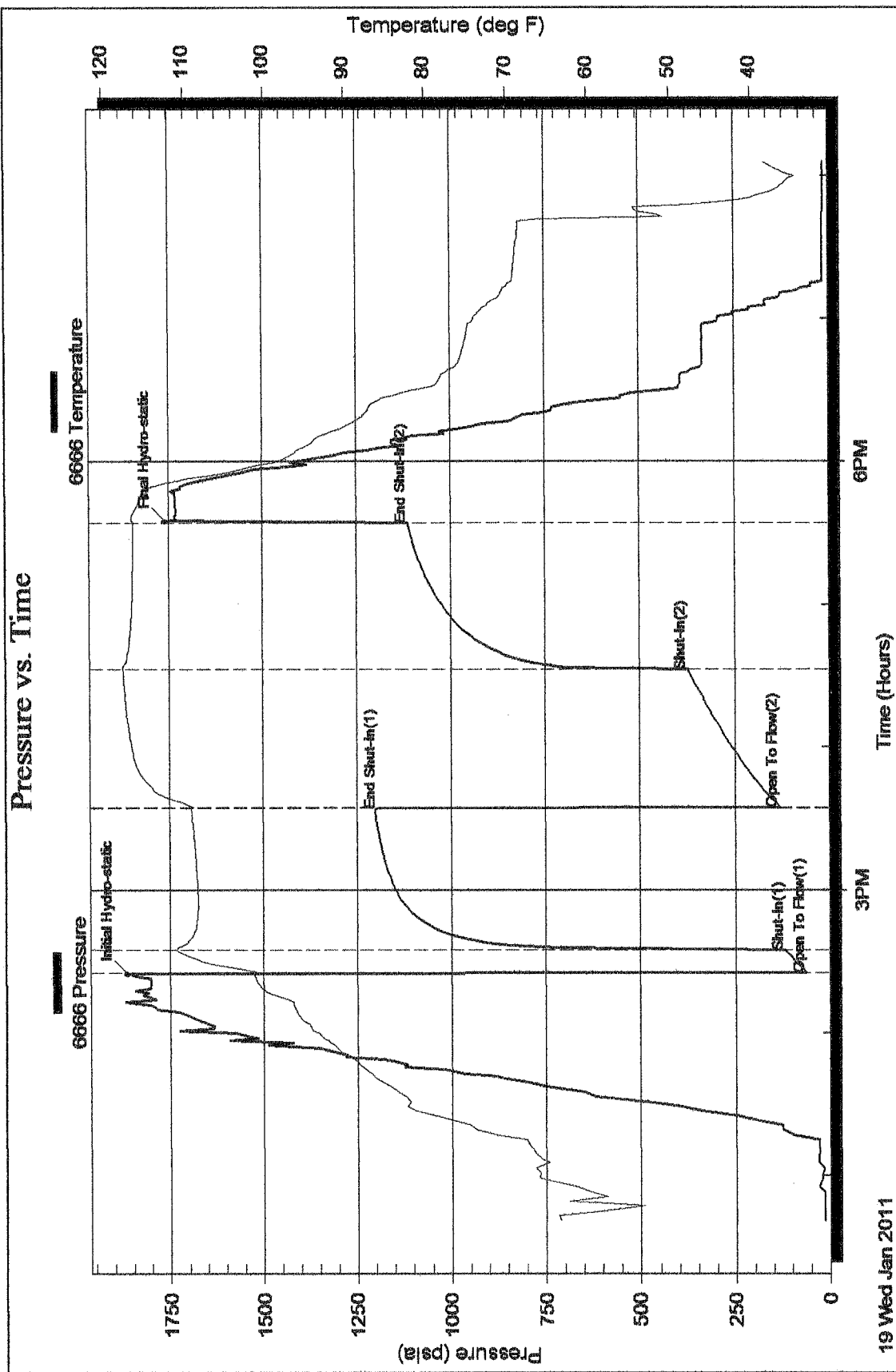
DST Test Number: 1

1-20s-15w Barton

Inside Globe Operating Inc.

Serial #: 6666

Pressure vs. Time



Printed: 2011.01.19 @ 08:59:47

Ref. No: 15761

Superior Testers Enterprises LLC

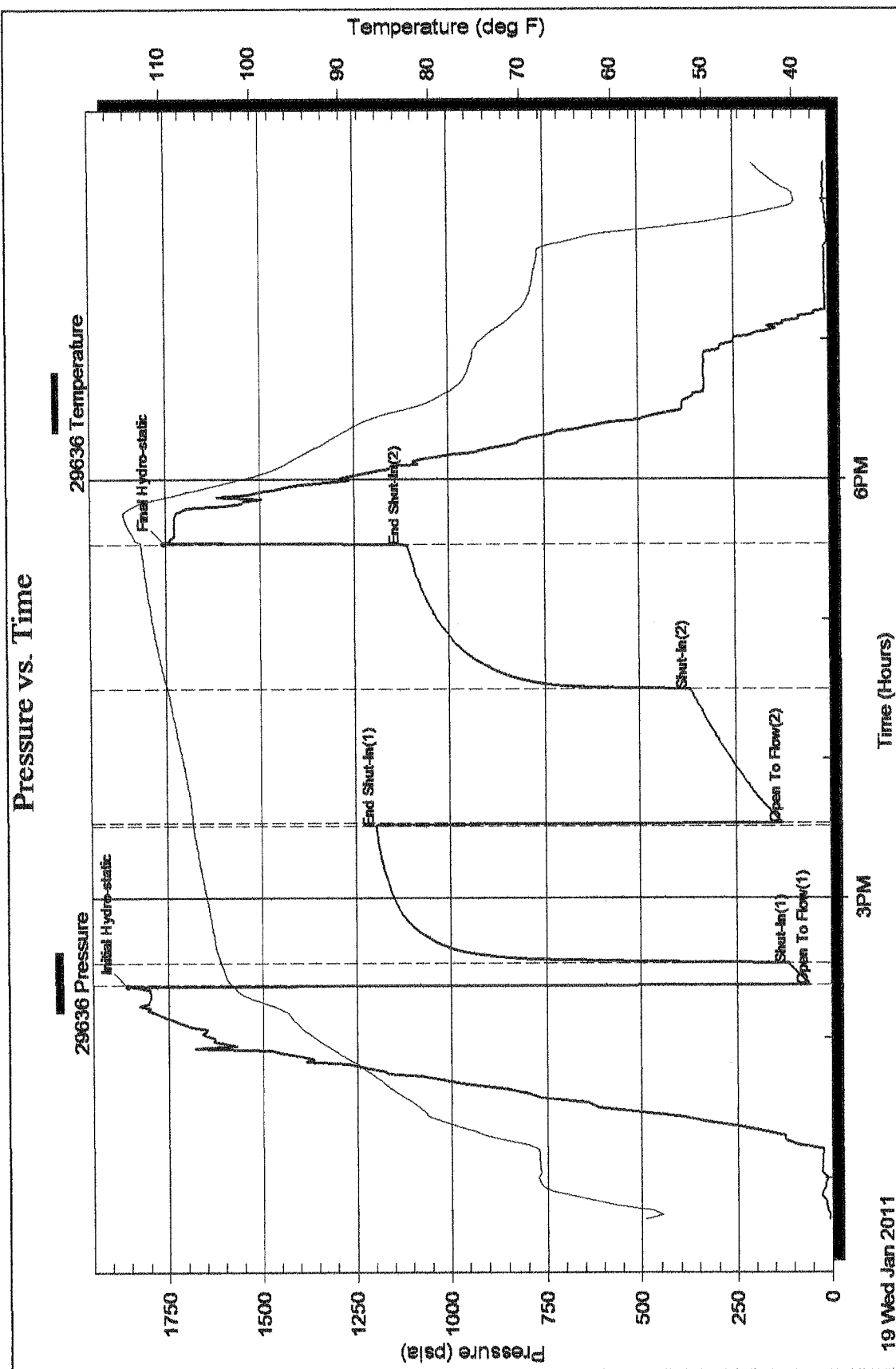
DST Test Number: 1

1-20s-15w Barton

Outside Globe Operating Inc.

Serial #: 29636

Pressure vs. Time



Printed: 2011.01.19 @ 08:59:47

Ref. No: 15761

Superior Testers Enterprises LLC