

DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Corp.**

155 N. Market Ste. 700
Wichita KS 67202

ATTN: Jim Hall

Keller#1-27

27-28s-23w Ford KS

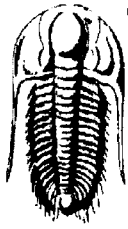
Start Date: 2013.03.13 @ 22:10:35

End Date: 2013.03.14 @ 06:38:50

Job Ticket #: 50953 DST #: 1

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

Printed: 2013.03.20 @ 16:32:37



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Vincent Oil Corp.

27-28s-23w Ford KS

155 N. Market Ste. 700
Wichita KS 67202

Keller#1-27

Job Ticket: 50953

DST#: 1

ATTN: Jim Hall

Test Start: 2013.03.13 @ 22:10:35

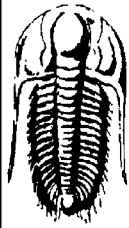
Tool Information

Drill Pipe:	Length: 4976.00 ft	Diameter: 3.80 inches	Volume: 69.80 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: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 69.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 59000.00 lb
Depth to Top Packer:	4980.00 ft			Final 59000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	37.00 ft			
Tool Length:	65.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			4953.00	
Shut in tool	5.00			4958.00	
HMV	5.00			4963.00	
Jars	5.00			4968.00	
Safety Joint	3.00			4971.00	
Packer	4.00			4975.00	28.00 Bottom Of Top Packer
Packer	5.00			4980.00	
Stubb	1.00			4981.00	
Recorder	0.00	8370	Inside	4981.00	
Recorder	0.00	8352	Outside	4981.00	
Perforations	31.00			5012.00	
Bullnose	5.00			5017.00	37.00 Bottom Packers & Anchor

Total Tool Length: 65.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

27-28s-23w Ford KS

155 N. Market Ste. 700
Wichita KS 67202

Keller#1-27

Job Ticket: 50953

DST#: 1

ATTN: Jim Hall

Test Start: 2013.03.13 @ 22:10:35

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:

5800 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.38 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5800.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	42 ft. of GIP	0.000
20.00	SOCM 2%o 98% m	0.281

Total Length: 20.00 ft

Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

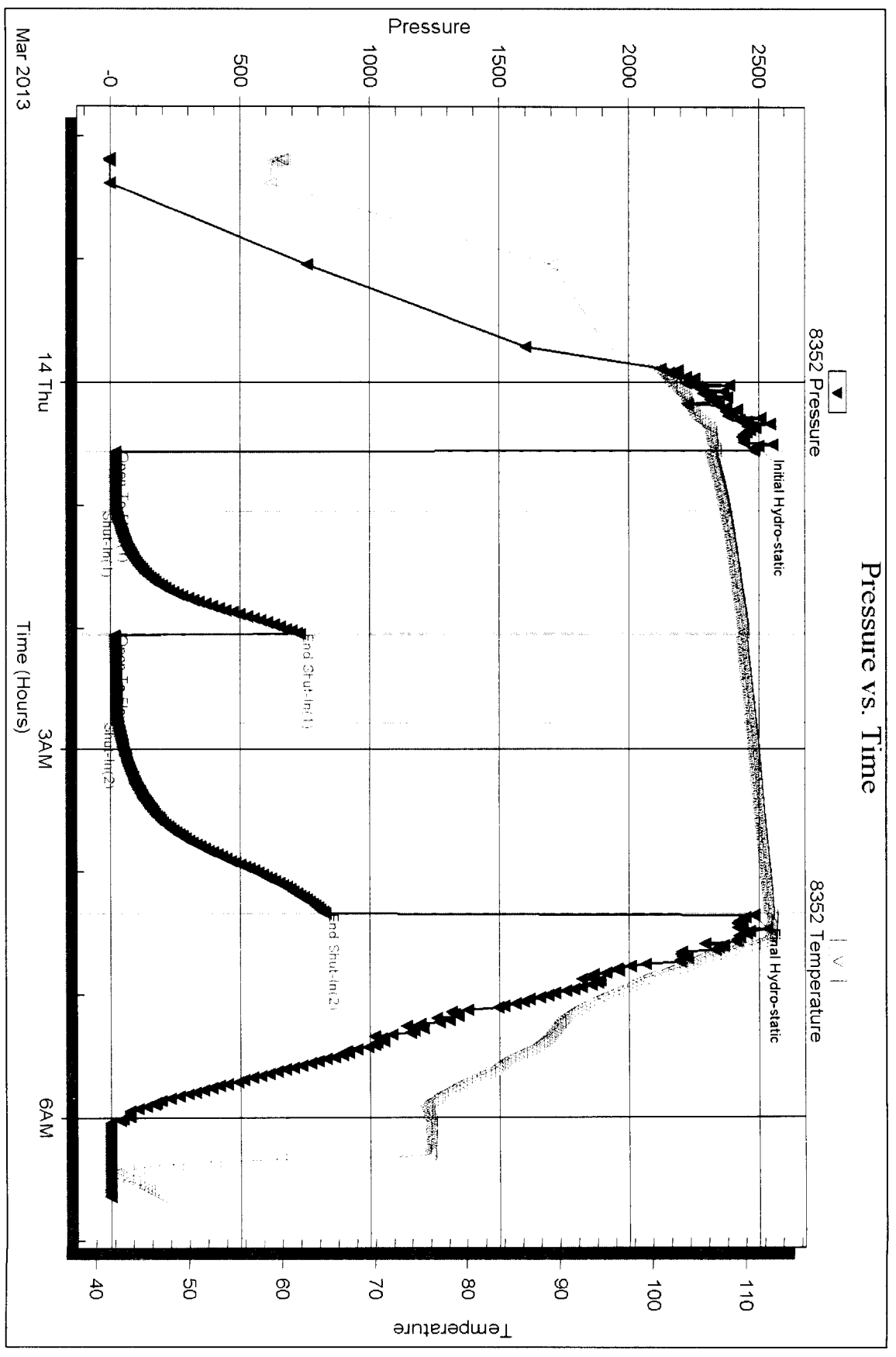
Recovery Comments:

Serial # 8352

Outside Vincent Oil Corp.

Keller#1-27

DST Test Number: 1



Triobble Testing, Inc

Ref No: 50953

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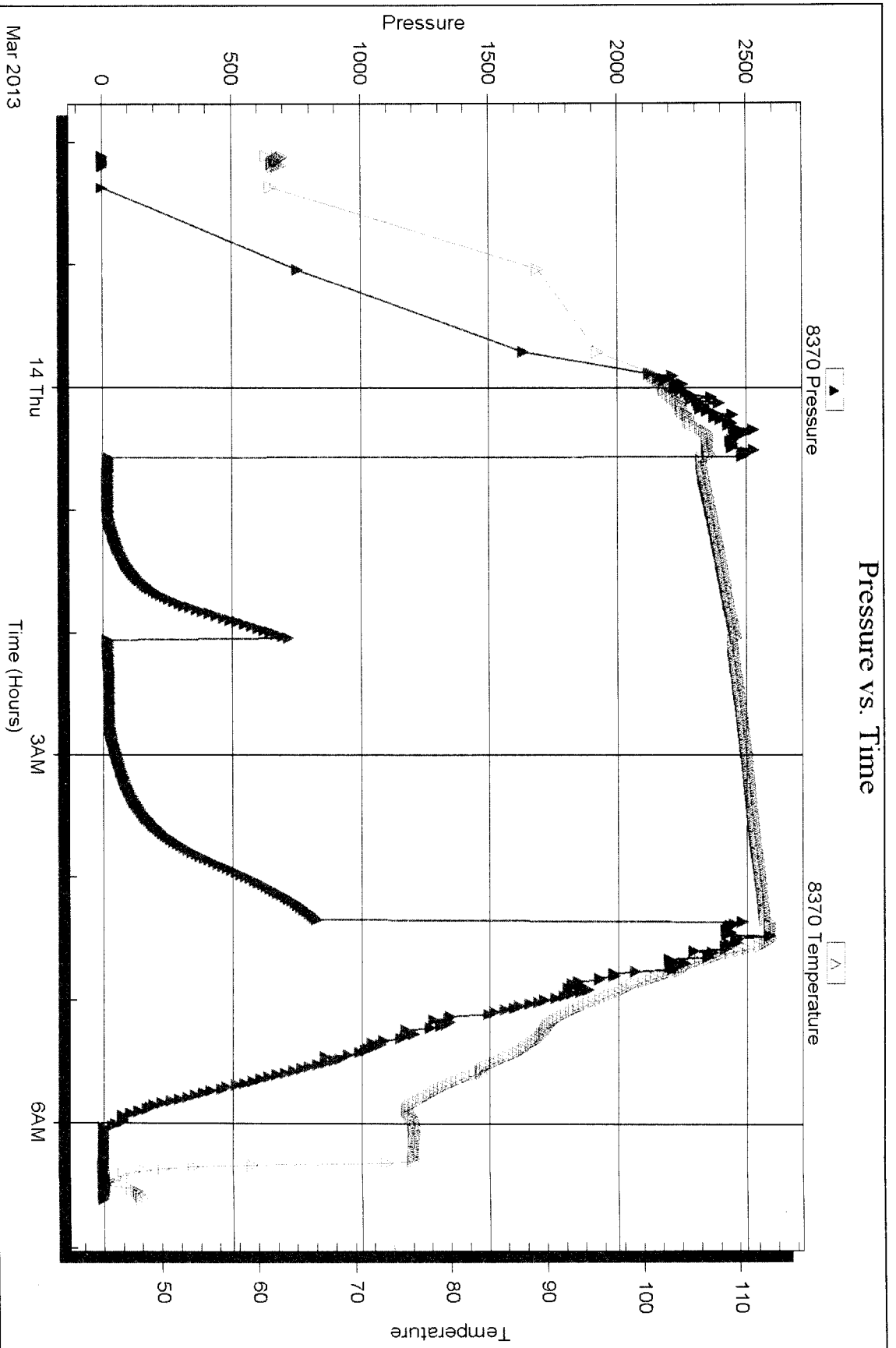
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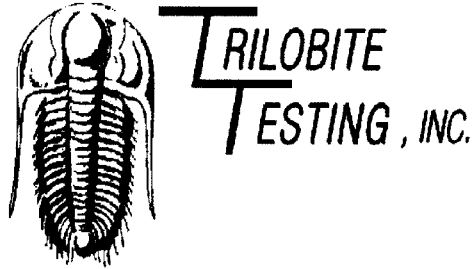
Inside

Vincent Oil Corp.

Keller#1-27

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Corp.**

155 N. Market Ste. 700
Wichita KS 67202

ATTN: Jim Hall

Keller#1-27

27-28s-23w Ford KS

Start Date: 2013.03.15 @ 00:59:06

End Date: 2013.03.15 @ 09:43:51

Job Ticket #: 50954 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.03.20 @ 16:31:12

Vincent Oil Corp.

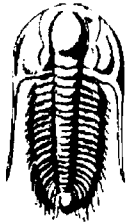
27-28s-23w Ford KS

Keller#1-27

DST # 2

Basal Penn.

2013.03.15



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Vincent Oil Corp.

27-28s-23w Ford KS

155 N. Market Ste. 700
Wichita KS 67202

Keller#1-27

Job Ticket: 50954

DST#: 2

ATTN: Jim Hall

Test Start: 2013.03.15 @ 00:59:06

Tool Information

Drill Pipe:	Length: 5038.00 ft	Diameter: 3.80 inches	Volume: 70.67 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: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 94000.00 lb
			<u>Total Volume: 70.67 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	5035.00 ft			Final 61500.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	106.00 ft			
Tool Length:	134.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5008.00	
Shut in tool	5.00			5013.00	
HMV	5.00			5018.00	
Jars	5.00			5023.00	
Safety Joint	3.00			5026.00	
Packer	4.00			5030.00	28.00 Bottom Of Top Packer
Packer	5.00			5035.00	
Stubb	1.00			5036.00	
Recorder	0.00	8370	Inside	5036.00	
Recorder	0.00	8352	Outside	5036.00	
Perforations	6.00			5042.00	
Blank Spacing	94.00			5136.00	
Bullnose	5.00			5141.00	106.00 Bottom Packers & Anchor

Total Tool Length: 134.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.

27-28s-23w Ford KS

155 N. Market Ste. 700
Wichita KS 67202

Keller#1-27

Job Ticket: 50954

DST#: 2

ATTN: Jim Hall

Test Start: 2013.03.15 @ 00:59:06

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:

7200 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: 0.20 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	SGCM 3%g 97%m	0.561

Total Length: 40.00 ft

Total Volume: 0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

Laboratory Name:

Laboratory Location:

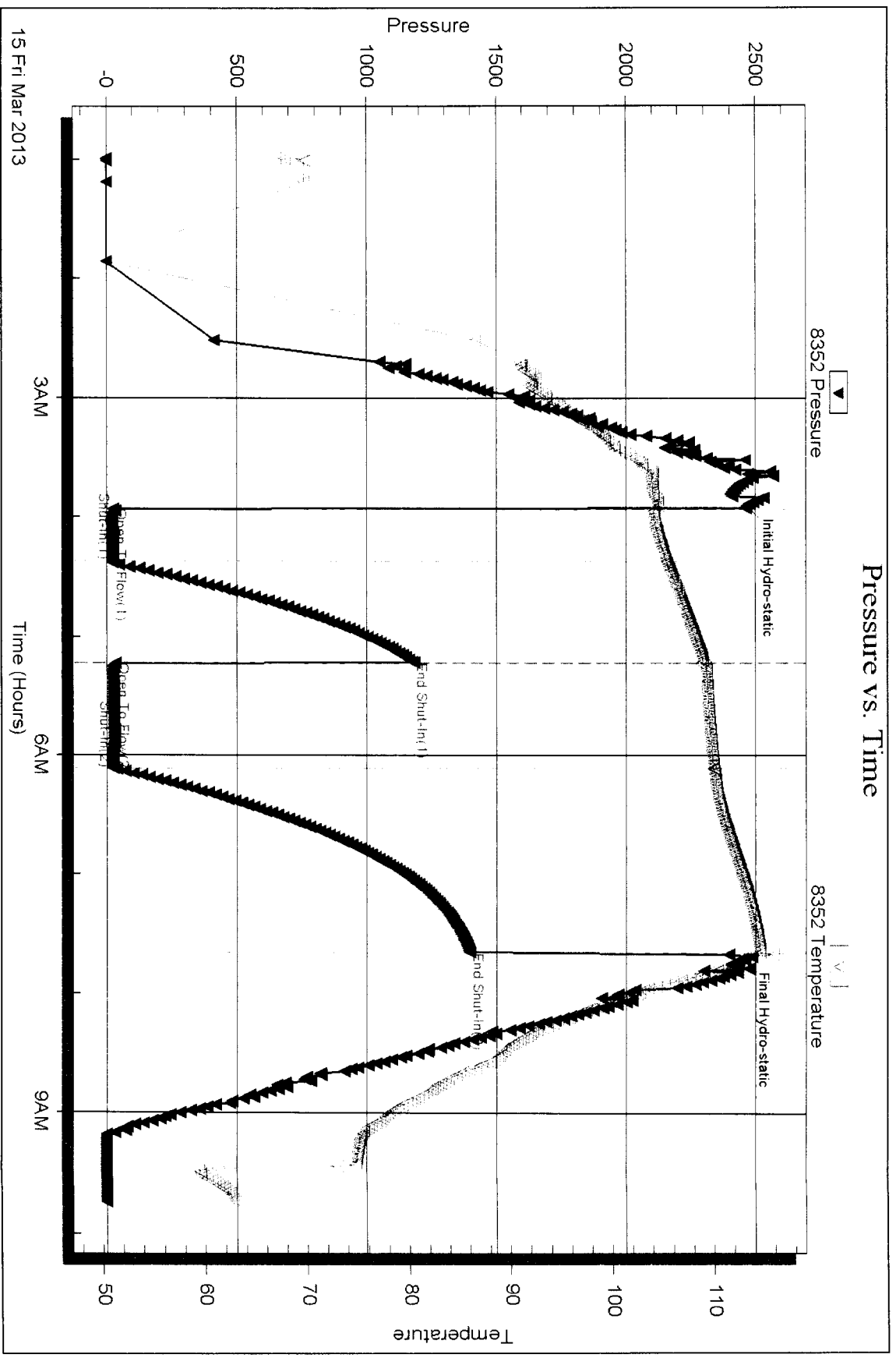
Recovery Comments:

Serial #: 8352

Outside Vincent Oil Corp.

Keller#1-27

DST Test Number: 2



Tribble Testing, Inc

Ref. No: 50954

Printed: 2013.03.20 @ 16:31:15

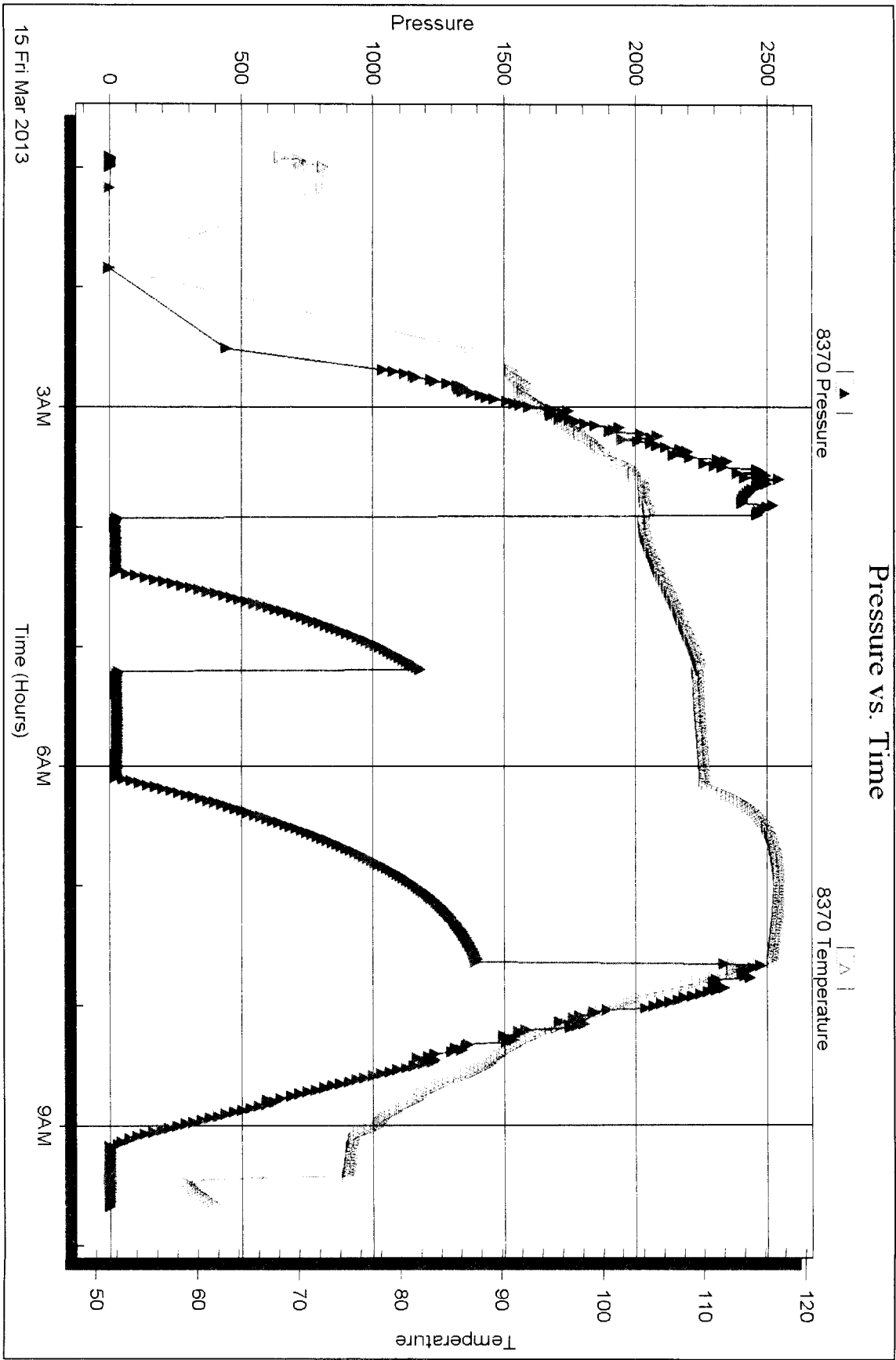
Serial #: 8370

Inside

Vincent Oil Corp.

Keller#1-27

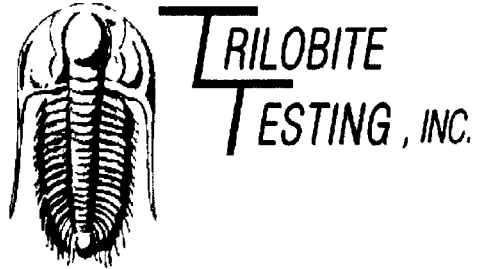
DST Test Number: 2



Triobble Testing, Inc

Ref. No: 50954

Printed: 2013.03.20 @ 16:31:15



DRILL STEM TEST REPORT

Prepared For: **Vincent Oil Corp.**

155 N. Market Ste. 700
Wichita KS 67202

ATTN: Jim Hall

Keller#1-27

27-28s-23w Ford KS

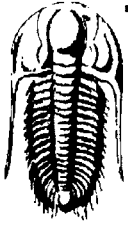
Start Date: 2013.03.16 @ 00:47:39

End Date: 2013.03.16 @ 10:30:24

Job Ticket #: 50955 DST #: 3

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

Printed: 2013.03.20 @ 16:28:57



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Vincent Oil Corp.
155 N. Market Ste. 700
Wichita KS 67202
ATTN: Jim Hall

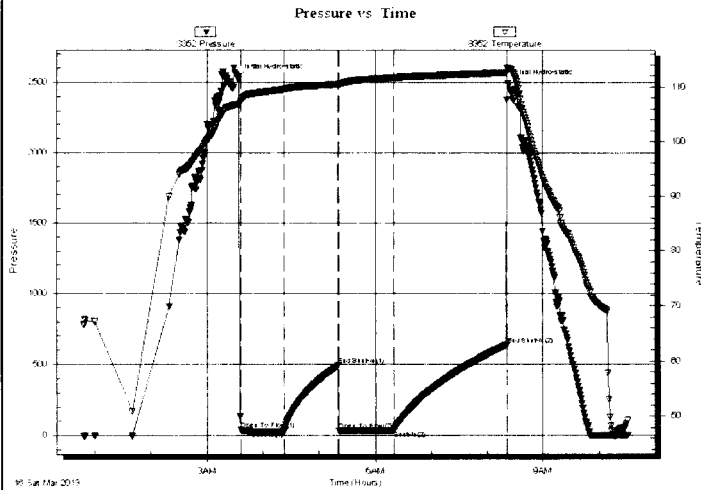
27-28s-23w Ford KS
Keller#1-27
Job Ticket: 50955 **DST#: 3**
Test Start: 2013.03.16 @ 00:47:39

GENERAL INFORMATION:

Formation: **Miss.**
Deviated: **No** Whipstock: **ft (KB)**
Time Tool Opened: 03:36:39
Time Test Ended: 10:30:24
Interval: **5135.00 ft (KB) To 5200.00 ft (KB) (TVD)**
Total Depth: **5200.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Gary Pevoteaux**
Unit No: **56**
Reference Elevations: **2480.00 ft (KB)**
2468.00 ft (CF)
KB to GR/CF: **12.00 ft**

Serial #: 8352 **Outside**
Press@RunDepth: **35.64 psig @ 5136.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2013.03.16** End Date: **2013.03.16** Last Calib.: **2013.03.16**
Start Time: **00:47:44** End Time: **10:30:24** Time On Btm: **2013.03.16 @ 03:33:09**
Time Off Btm: **2013.03.16 @ 08:22:24**

TEST COMMENT: IF: Strong blow . GTS in 5 1/2 mins . (see gas flow report)
IS: No blow .
FF: Strong blow . (see gas flow report)
FS: No blow .



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2529.98	106.81	Initial Hydro-static
4	40.68	107.41	Open To Flow (1)
50	32.48	109.52	Shut-In(1)
108	492.58	110.44	End Shut-In(1)
109	33.53	110.29	Open To Flow (2)
167	35.64	111.62	Shut-In(2)
288	636.24	112.58	End Shut-In(2)
290	2490.97	113.36	Final Hydro-static

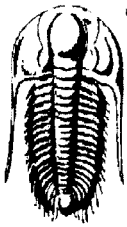
Recovery

Length (ft)	Description	Volume (bbl)
58.00	GCWM 5%g 16%w 79%m	0.81

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.38	5.00	71.07
Last Gas Rate	0.25	0.00	22.84
Max. Gas Rate	0.38	5.00	71.07



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Vincent Oil Corp.

27-28s-23w Ford KS

155 N. Market Ste. 700
Wichita KS 67202

Keller#1-27

Job Ticket: 50955

DST#: 3

ATTN: Jim Hall

Test Start: 2013.03.16 @ 00:47:39

Tool Information

Drill Pipe:	Length: 5132.00 ft	Diameter: 3.80 inches	Volume: 71.99 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: 24000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 82000.00 lb
			<u>Total Volume: 71.99 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	5135.00 ft			Final 62000.00 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	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
C.O. Sub	1.00			5108.00	
Shut in tool	5.00			5113.00	
HMV	5.00			5118.00	
Jars	5.00			5123.00	
Safety Joint	3.00			5126.00	
Packer	4.00			5130.00	28.00 Bottom Of Top Packer
Packer	5.00			5135.00	
Stubb	1.00			5136.00	
Recorder	0.00	8370	Inside	5136.00	
Recorder	0.00	8352	Outside	5136.00	
Perforations	4.00			5140.00	
Blank Spacing	32.00			5172.00	
Perforations	23.00			5195.00	
Bullnose	5.00			5200.00	65.00 Bottom Packers & Anchor

Total Tool Length: 93.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Vincent Oil Corp.
155 N. Market Ste. 700
Wichita KS 67202
ATTN: Jim Hall

27-28s-23w Ford KS
Keller#1-27
Job Ticket: 50955 **DST#: 3**
Test Start: 2013.03.16 @ 00:47:39

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:	42000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.19 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 8800.00 ppm			
Filter Cake: 0.20 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
58.00	GCWM 5%g 16%w 79%m	0.814

Total Length: 58.00 ft Total Volume: 0.814 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 1 Serial #: gp-3
 Laboratory Name: Caraway Laboratory Location: Liberal, KS
 Recovery Comments: RW .24ohms@51deg



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

GAS RATES

Vincent Oil Corp.

27-28s-23w Ford KS

155 N. Market Ste. 700
Wichita KS 67202

Keller#1-27

Job Ticket: 50955

DST#: 3

ATTN: Jim Hall

Test Start: 2013.03.16 @ 00:47:39

Gas Rates Information

Temperature: 59 (deg F)

Relative Density: 0.65

Z Factor: 0.8

Gas Rates Table

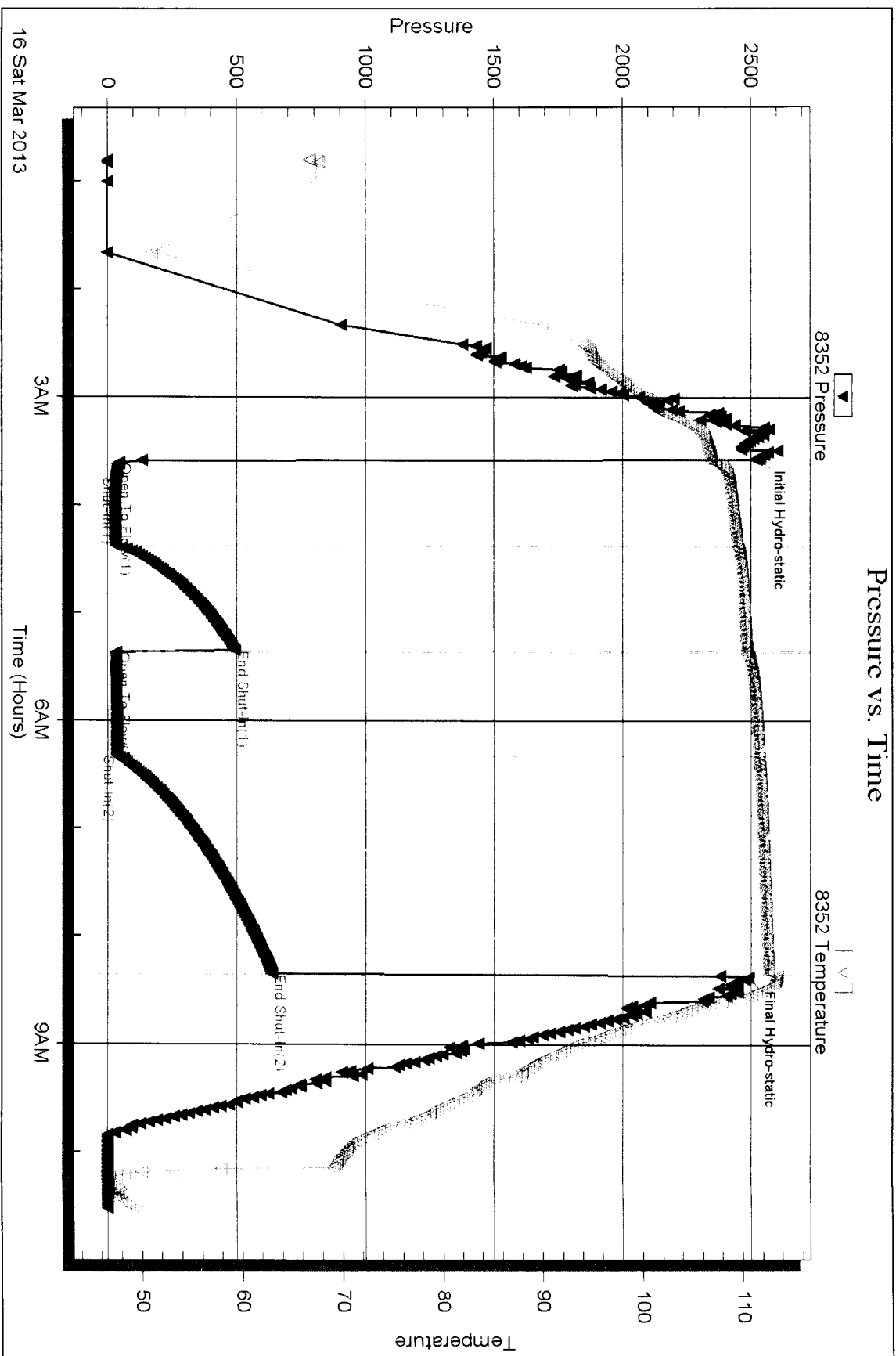
Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
1	10	0.38	5.00	71.07
1	20	0.38	3.00	63.74
1	30	0.38	1.50	58.24
1	40	0.38	1.00	56.41
2	10	0.25	5.00	30.78
2	20	0.25	2.50	26.81
2	30	0.25	1.00	24.43
2	40	0.25	0.00	22.84

Serial #: 8352

Outside Vincent Oil Corp.

Keller#1-27

DST Test Number: 3



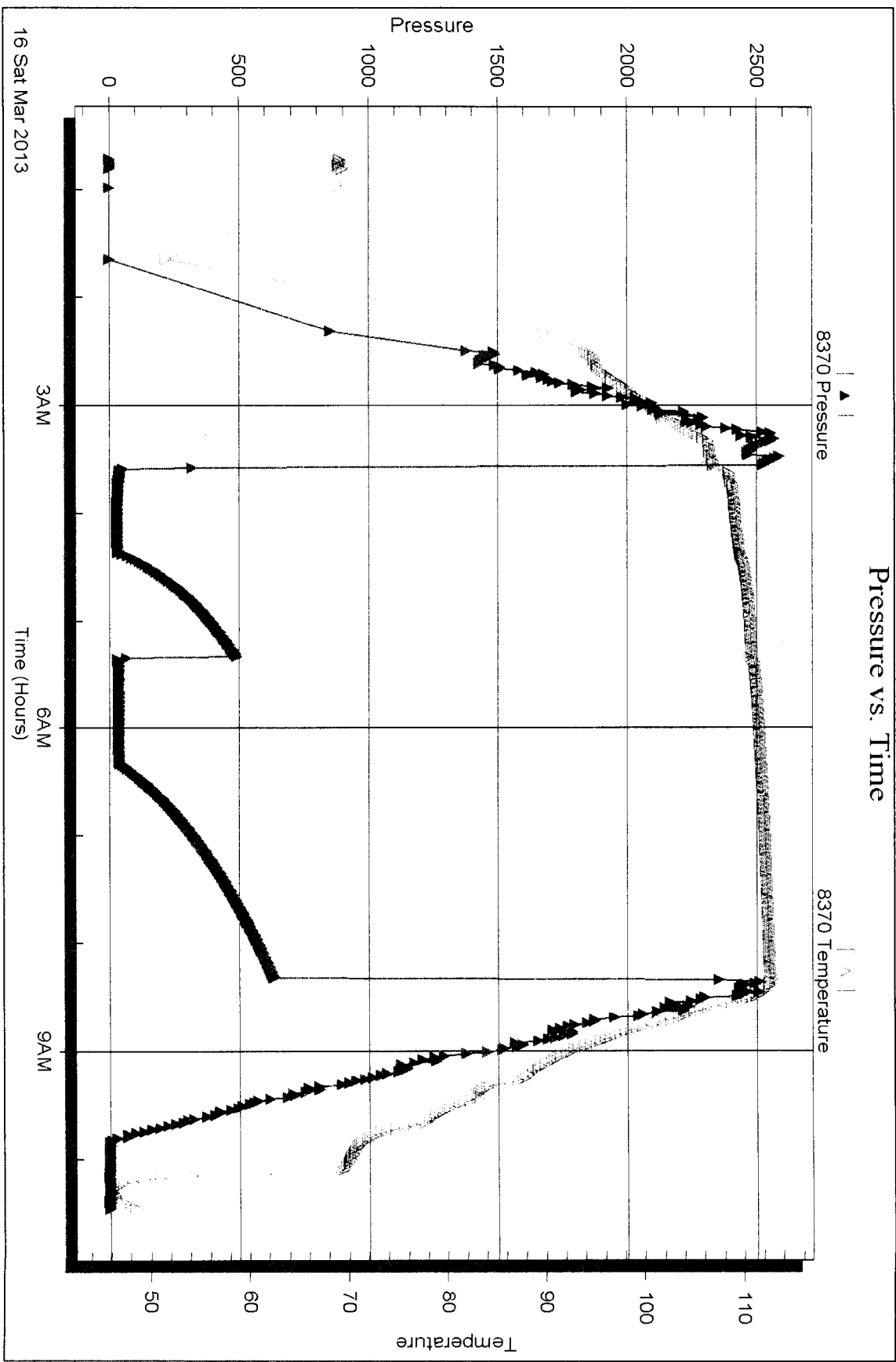
Serial #: 8370

Inside

Vincent Oil Corp.

Keller#1-27

DST Test Number: 3



Tribolite Testing, Inc

Ref. No: 50955

Printed: 2013.03.20 @ 16:29:00