

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp

2-13s-31w Gove,KS

PO Box 837
Russell, KS 67665

Fern Ottley #1

Job Ticket: 53233

DST#: 1

ATTN: Randy Kilian

Test Start: 2013.05.15 @ 17:35:00

GENERAL INFORMATION:

Formation: **LKC B-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:41:15

Time Test Ended: 00:49:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 53

Interval: **3984.00 ft (KB) To 4090.00 ft (KB) (TVD)**

Reference Elevations: 2913.00 ft (KB)

Total Depth: 4090.00 ft (KB) (TVD)

2902.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8522

Outside

Press@RunDepth: 232.04 psig @ 3985.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.15

End Date:

2013.05.16

Last Calib.: 2013.05.16

Start Time: 17:35:05

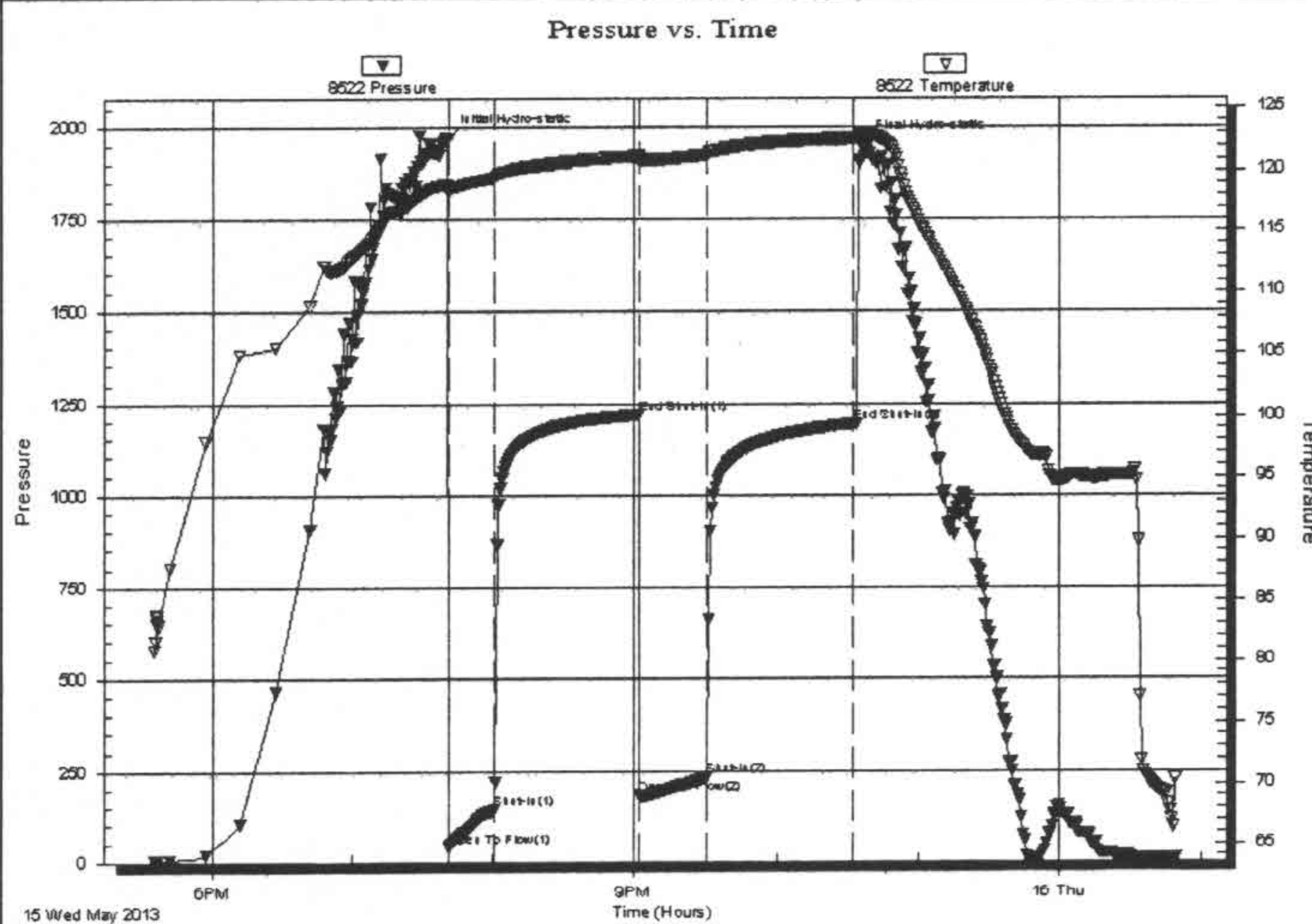
End Time:

00:49:14

Time On Btm: 2013.05.15 @ 19:41:00

Time Off Btm: 2013.05.15 @ 22:36:00

TEST COMMENT: IF: BOB @ 18 min.
IS: No return.
FF: BOB @ 29 min.
FS: No return.



PRESSURE SUMMARY

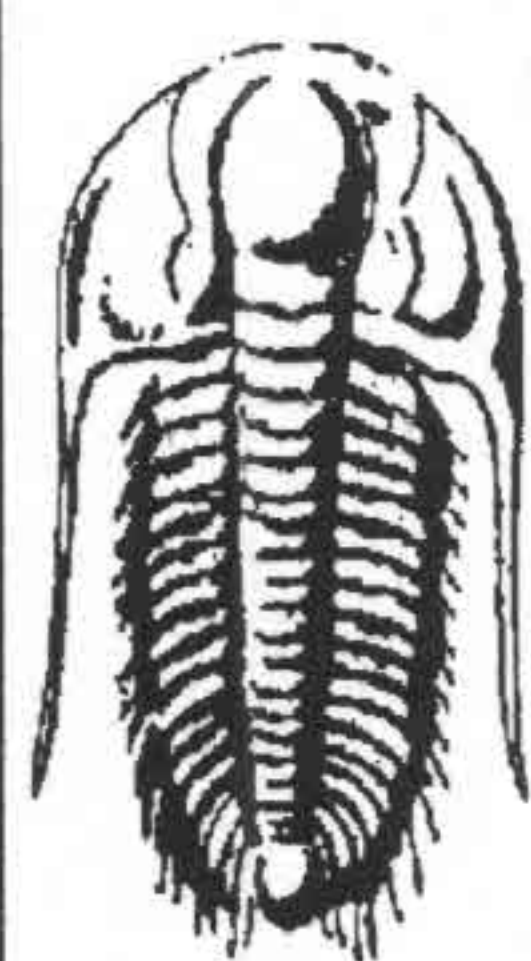
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1965.02	118.95	Initial Hydro-static
1	38.21	118.17	Open To Flow (1)
20	143.60	119.43	Shut-In(1)
81	1220.47	121.17	End Shut-In(1)
82	186.56	120.82	Open To Flow (2)
110	232.04	121.26	Shut-In(2)
171	1193.48	122.53	End Shut-In(2)
175	1946.25	122.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
415.00	somcw 2o 18m 80w	2.64

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp

2-13s-31w Gove,KS

PO Box 837
Russell, KS 67665

Fern Ottley #1

Job Ticket: 53233

DST#: 1

ATTN: Randy Kilian

Test Start: 2013.05.15 @ 17:35:00

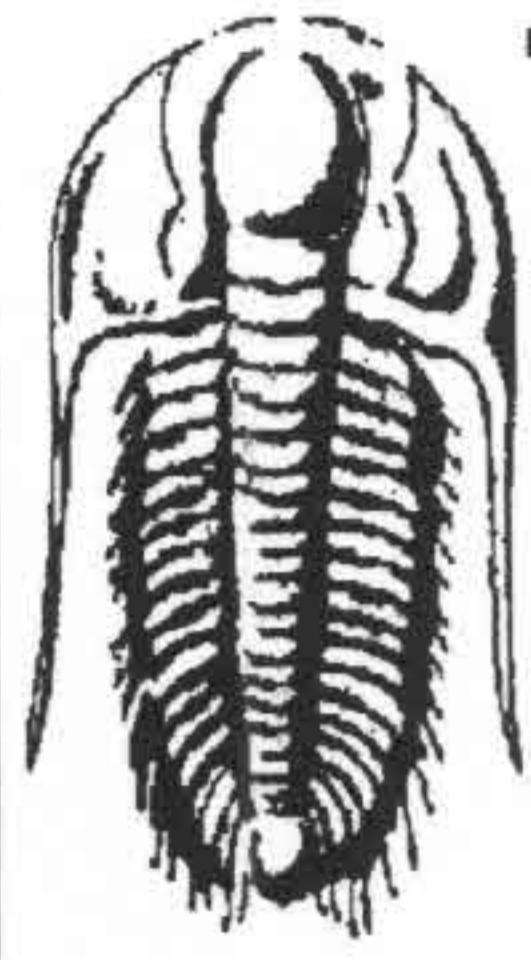
Tool Information

Drill Pipe:	Length: 3671.00 ft	Diameter: 3.20 inches	Volume: 36.52 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 296.00 ft	Diameter: 2.25 inches	Volume: 1.46 bbl	Weight to Pull Loose: 95000.00 lb
			<u>Total Volume: 37.98 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 60000.00 lb
Depth to Top Packer:	3984.00 ft			Final 62000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	106.00 ft			
Tool Length:	133.00 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			3958.00	
Shut In Tool	5.00			3963.00	
Hydraulic tool	5.00			3968.00	
Jars	5.00			3973.00	
Safety Joint	2.00			3975.00	
Packer	5.00			3980.00	27.00 Bottom Of Top Packer
Packer	4.00			3984.00	
Stubb	1.00			3985.00	
Recorder	0.00	8677	Inside	3985.00	
Recorder	0.00	8522	Outside	3985.00	
Perforations	5.00			3990.00	
Change Over Sub	1.00			3991.00	
Drill Pipe	95.00			4086.00	
Change Over Sub	1.00			4087.00	
Bullnose	3.00			4090.00	106.00 Bottom Packers & Anchor

Total Tool Length: 133.00



TRILOBITE
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DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp

2-13s-31w Gove,KS

PO Box 837
Russell, KS 67665

Fern Ottley #1

Job Ticket: 53233

DST#: 1

ATTN: Randy Kilian

Test Start: 2013.05.15 @ 17:35:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

63000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
415.00	somcw 2o 18m 80w	2.639

Total Length: 415.00 ft Total Volume: 2.639 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

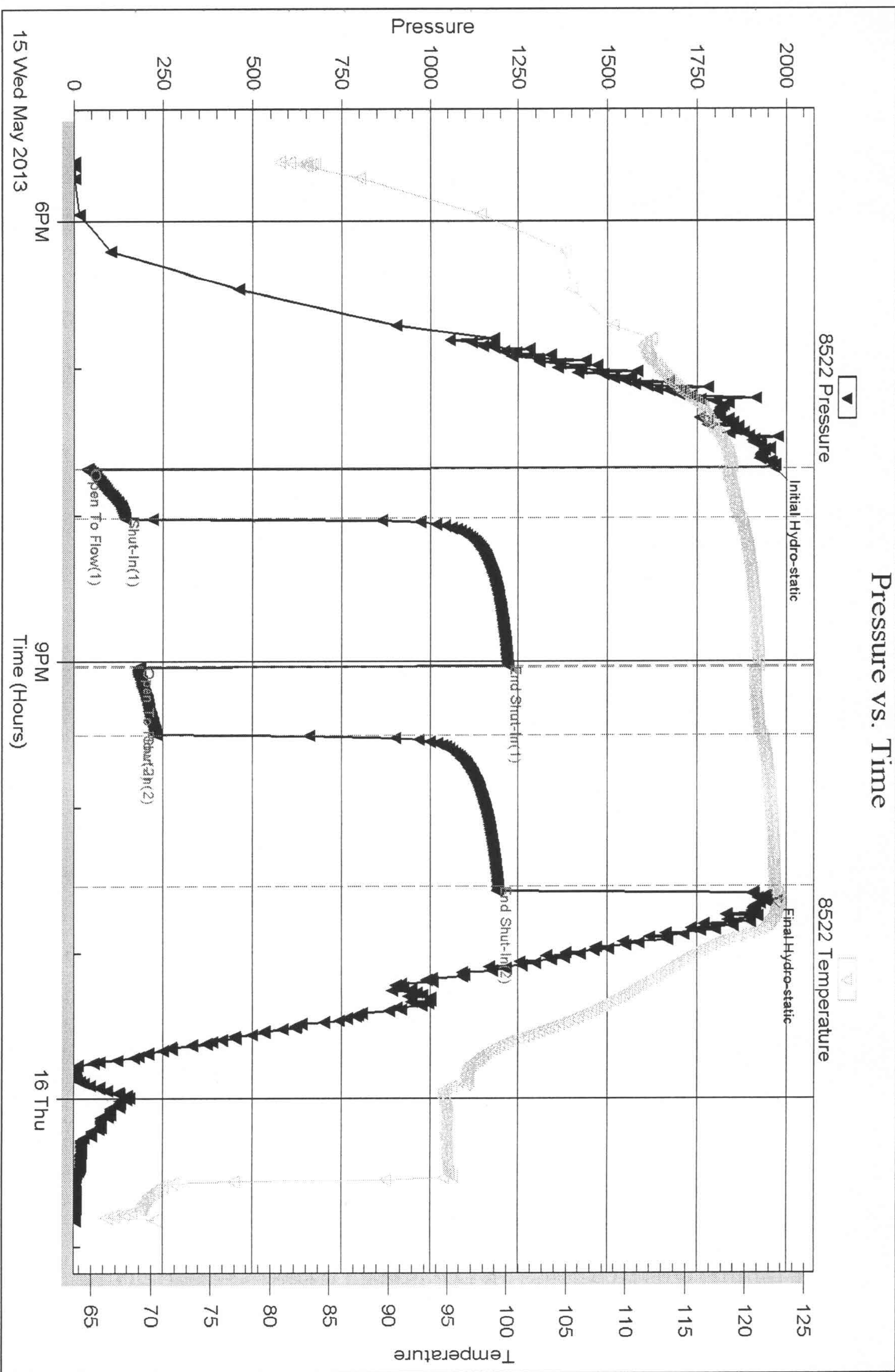
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .140 @ 63f = 63,000ppm

Pressure vs. Time



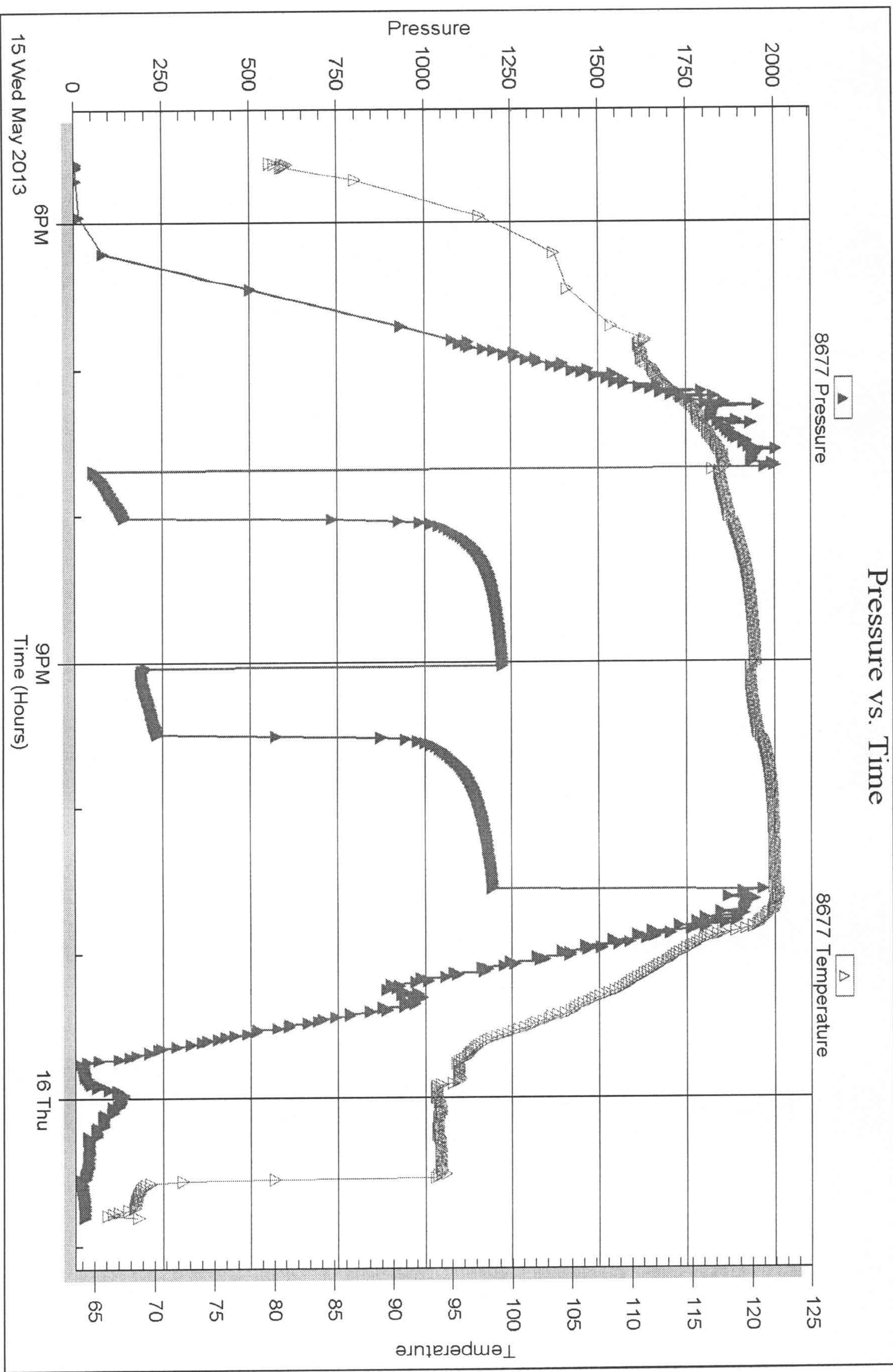
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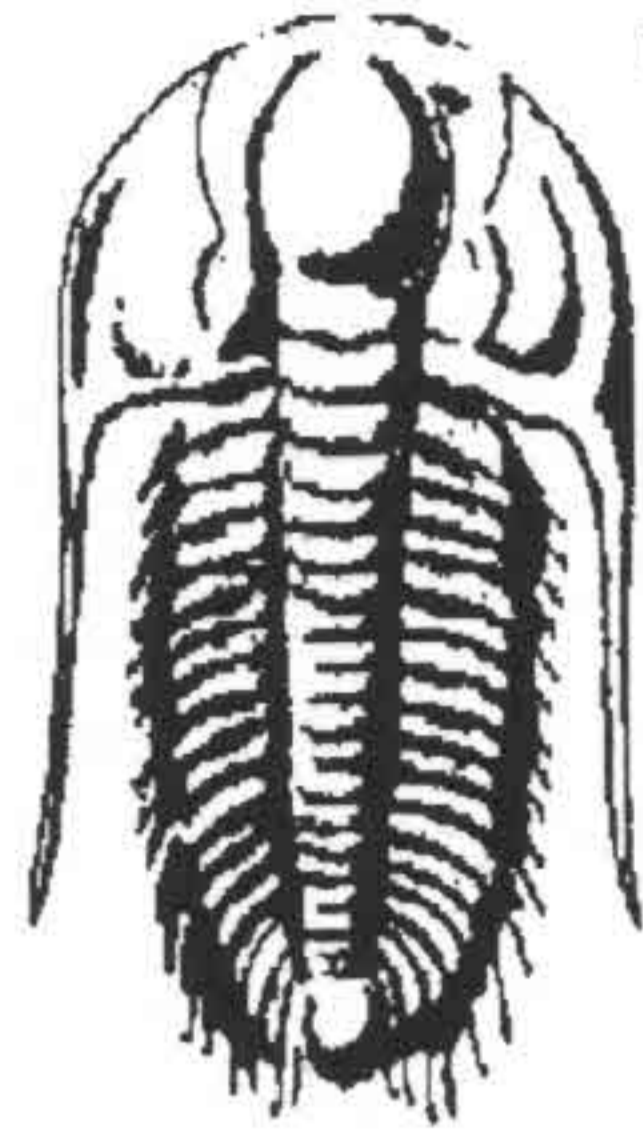
Inside

Prospect Oil & Gas Corp

Fern Otley #1

DST Test Number: 1





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Corp**

PO Box 837
Russell, KS 67665

ATTN: Randy Kilian

Fern Ottley #1

2-13s-31w Gove,KS

Start Date: 2013.05.17 @ 03:05:00

End Date: 2013.05.17 @ 09:33:45

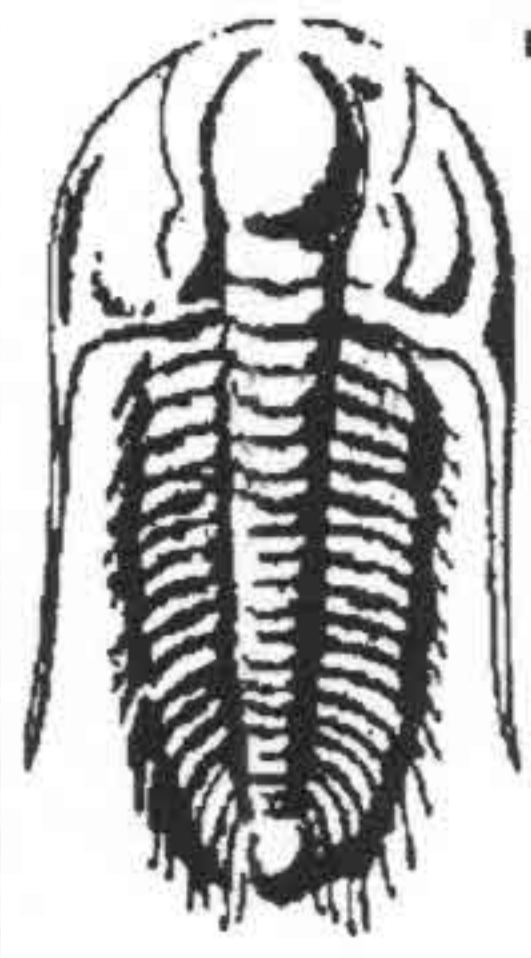
Job Ticket #: 53234 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.28 @ 13:29:05



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp

2-13s-31w Gove,KS

PO Box 837
Russell, KS 67665

Fern Ottley #1

Job Ticket: 53234

DST#: 2

ATTN: Randy Kilian

Test Start: 2013.05.17 @ 03:05:00

GENERAL INFORMATION:

Formation: **LKC: I-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:05:15

Time Test Ended: 09:33:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: **4143.00 ft (KB) To 4230.00 ft (KB) (TVD)**

Reference Elevations: 2913.00 ft (KB)

Total Depth: 4230.00 ft (KB) (TVD)

2902.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8522

Outside

Press@RunDepth: 52.82 psig @ 4144.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.17

End Date:

2013.05.17

Last Calib.: 2013.05.17

Start Time: 03:05:05

End Time:

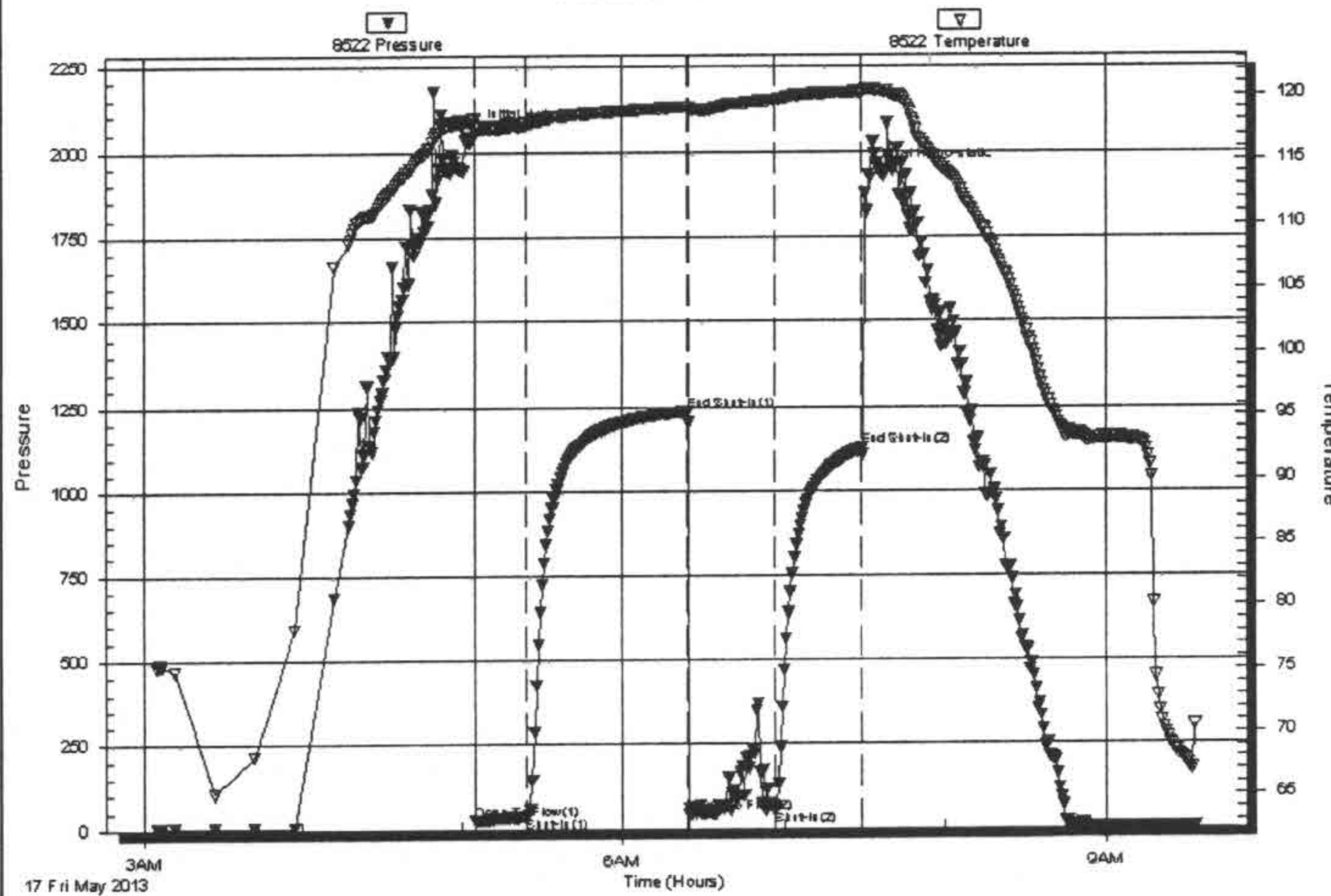
09:33:44

Time On Btm: 2013.05.17 @ 05:04:45

Time Off Btm: 2013.05.17 @ 07:31:45

TEST COMMENT: IF: 3/4" blow.
IS: No return.
FF: No blow.
FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2046.48	118.09	Initial Hydro-static
1	23.86	117.45	Open To Flow (1)
20	36.23	117.85	Shut-In(1)
80	1236.42	119.09	End Shut-In(1)
80	39.97	118.79	Open To Flow (2)
113	52.82	119.65	Shut-In(2)
145	1128.90	120.26	End Shut-In(2)
147	1927.03	120.49	Final Hydro-static

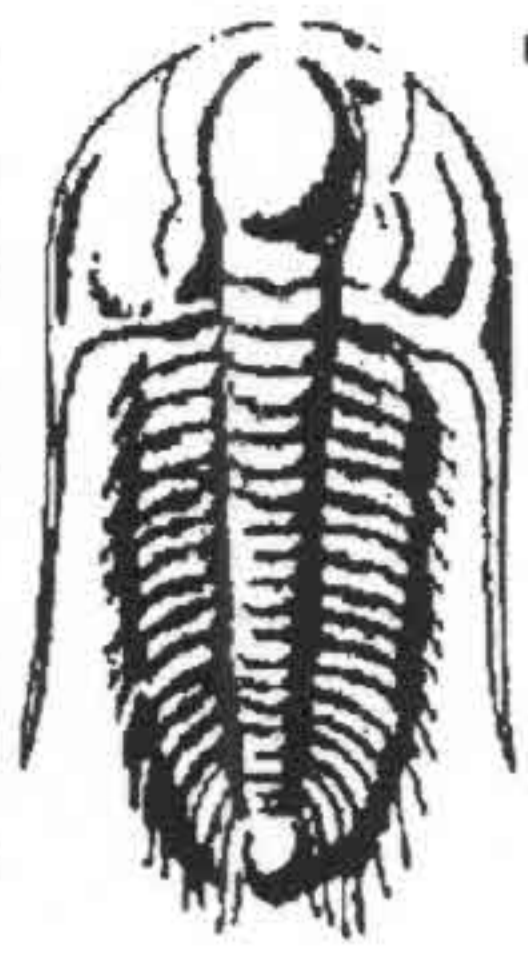
Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud 100m (oil spots)	0.30

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

Prospect Oil & Gas Corp

2-13s-31w Gove, KS

PO Box 837
Russell, KS 67665

Fern Ottley #1

Job Ticket: 53234

DST#: 2

ATTN: Randy Kilian

Test Start: 2013.05.17 @ 03:05:00

GENERAL INFORMATION:

Formation: **LKC: I-K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:05:15

Time Test Ended: 09:33:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: **4143.00 ft (KB) To 4230.00 ft (KB) (TVD)**

Reference Elevations: 2913.00 ft (KB)

Total Depth: 4230.00 ft (KB) (TVD)

2902.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8677 Inside

Press@RunDepth: psig @ 4144.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.17 End Date: 2013.05.17

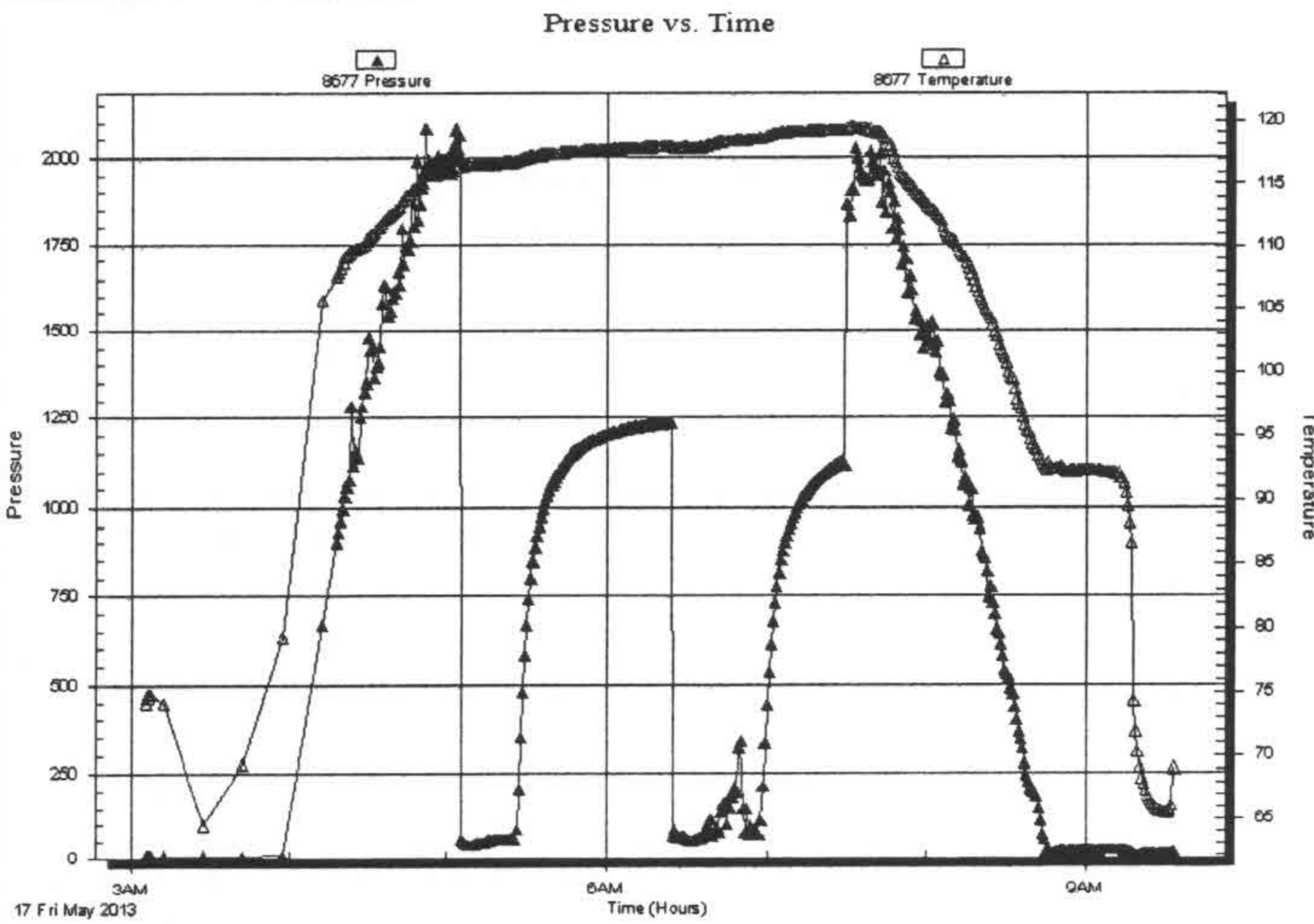
Last Calib.: 2013.05.17

Start Time: 03:05:35 End Time: 09:33:14

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 3/4" blow.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

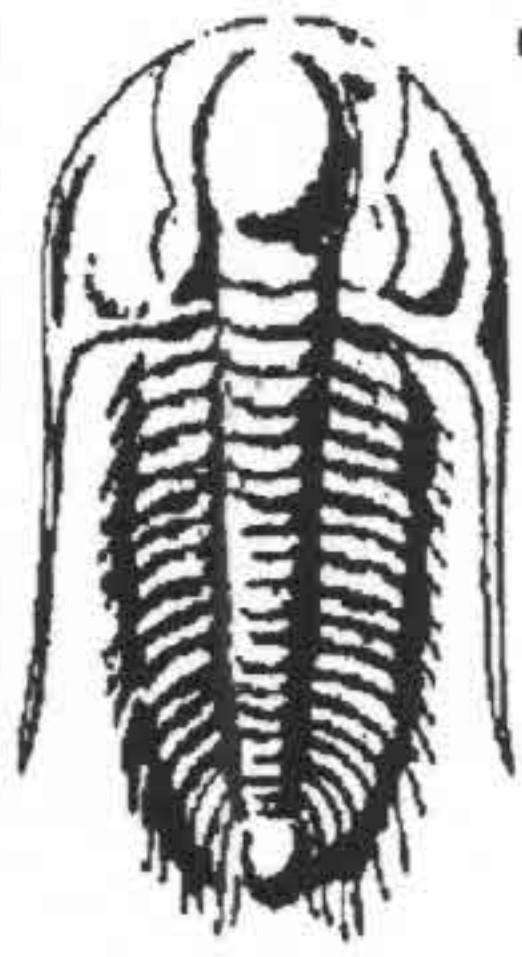
Recovery

Length (ft)	Description	Volume (bbl)
60.00	mud 100m (oil spots)	0.30

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp

2-13s-31w Gove,KS

PO Box 837
Russell, KS 67665

Fern Ottley #1

Job Ticket: 53234

DST#: 2

ATTN: Randy Kilian

Test Start: 2013.05.17 @ 03:05:00

Tool Information

Drill Pipe:	Length: 3885.00 ft	Diameter: 3.20 inches	Volume: 38.65 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 238.00 ft	Diameter: 2.25 inches	Volume: 1.17 bbl	Weight to Pull Loose: 90000.00 lb
			<u>Total Volume: 39.82 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 78000.00 lb
Depth to Top Packer:	4143.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	87.00 ft			
Tool Length:	114.00 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			4117.00	
Shut In Tool	5.00			4122.00	
Hydraulic tool	5.00			4127.00	
Jars	5.00			4132.00	
Safety Joint	2.00			4134.00	
Packer	5.00			4139.00	27.00 Bottom Of Top Packer
Packer	4.00			4143.00	
Stubb	1.00			4144.00	
Recorder	0.00	8677	Inside	4144.00	
Recorder	0.00	8522	Outside	4144.00	
Perforations	18.00			4162.00	
Change Over Sub	1.00			4163.00	
Drill Pipe	63.00			4226.00	
Change Over Sub	1.00			4227.00	
Bullnose	3.00			4230.00	87.00 Bottom Packers & Anchor

Total Tool Length: 114.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp

2-13s-31w Gove, KS

PO Box 837
Russell, KS 67665

Fern Ottley #1

Job Ticket: 53234

DST#: 2

ATTN: Randy Kilian

Test Start: 2013.05.17 @ 03:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	mud 100m (oil spots)	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

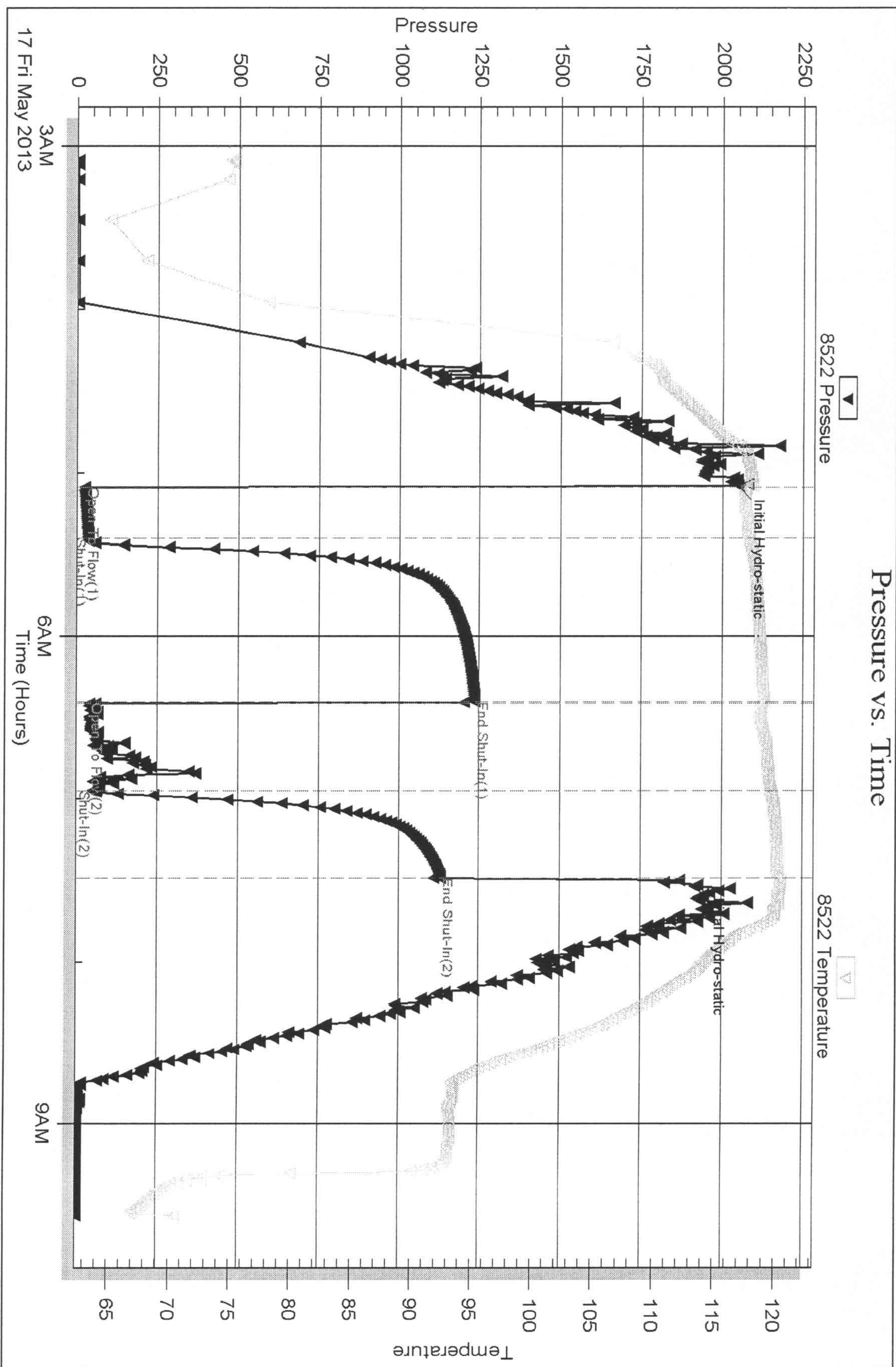
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



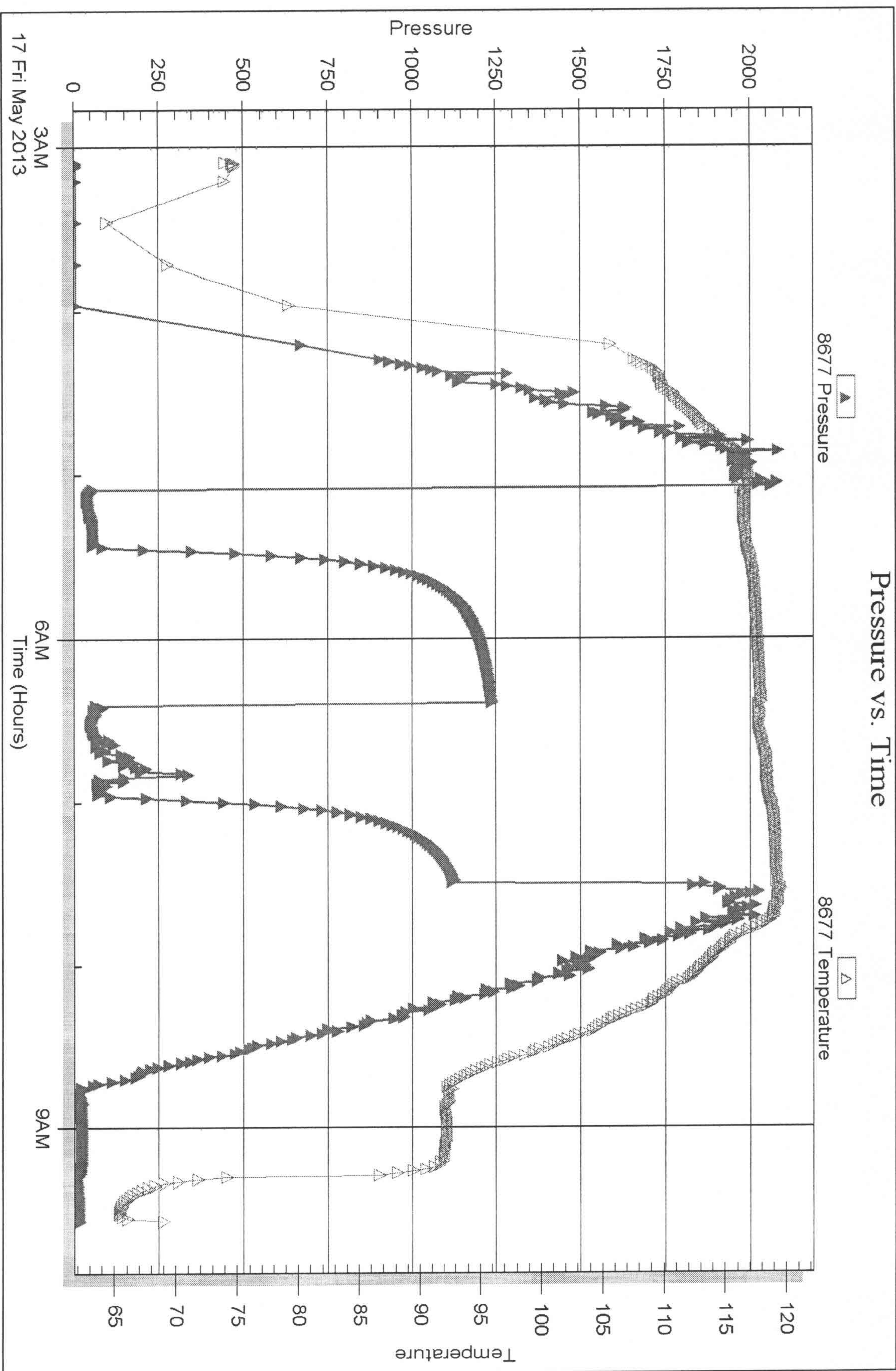
Serial #: 8677

Inside

Prospect Oil & Gas Corp

Fern Otley #1

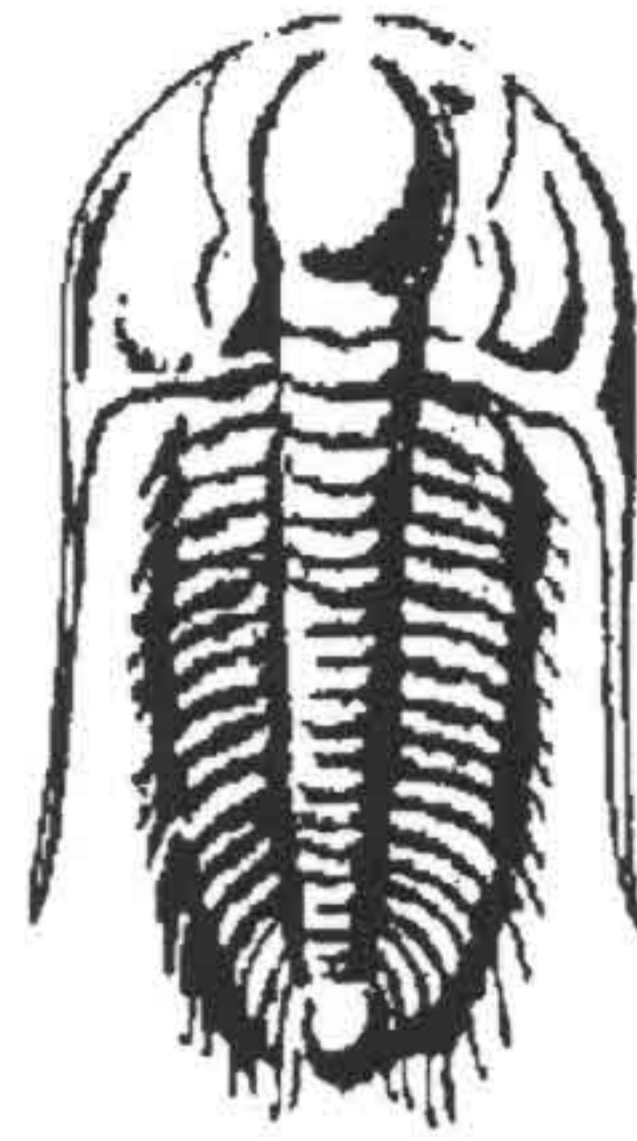
DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 53234

Printed: 2013.05.28 @ 13:29:09



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Prepared For: **Prospect Oil & Gas Corp**

PO Box 837
Russell, KS 67665

ATTN: Randy Kilian

Fern Ottley #1

2-13s-31w Gove,KS

Start Date: 2013.05.19 @ 19:50:00

End Date: 2013.05.20 @ 05:27:30

Job Ticket #: 53235 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

Printed: 2013.05.28 @ 13:28:28



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp

2-13s-31w Gove,KS

PO Box 837
Russell, KS 67665

Fern Ottley #1

Job Ticket: 53235

DST#: 3

ATTN: Randy Kilian

Test Start: 2013.05.19 @ 19:50:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:10:00

Time Test Ended: 05:27:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: **4500.00 ft (KB) To 4550.00 ft (KB) (TVD)**

Reference Elevations: 2913.00 ft (KB)

Total Depth: 4550.00 ft (KB) (TVD)

2902.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: **8522**

Outside

Press@RunDepth: 110.90 psig @ 4501.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.19

End Date: 2013.05.20

Last Calib.: 2013.05.20

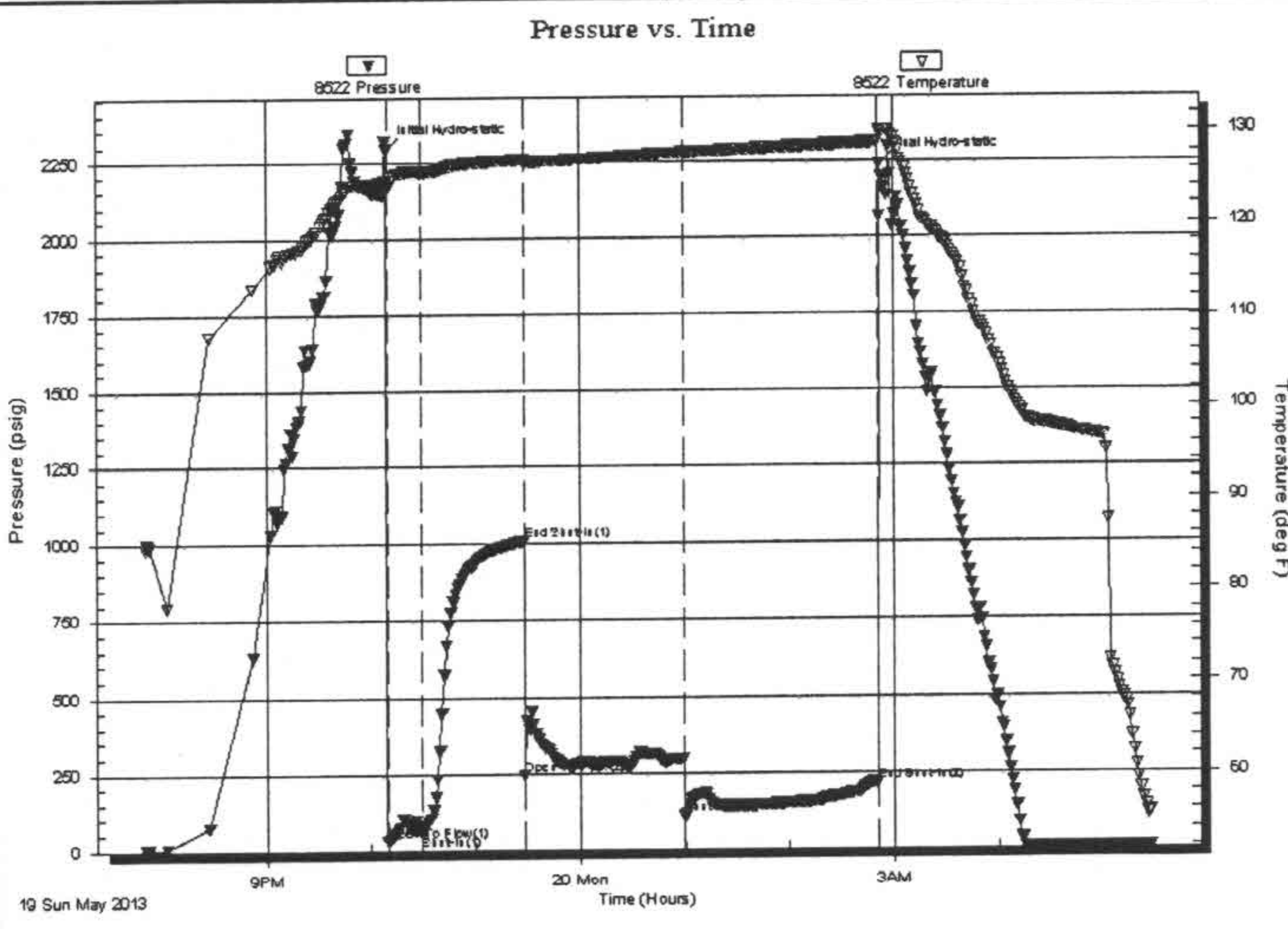
Start Time: 19:50:05

End Time: 05:27:30

Time On Btm: 2013.05.19 @ 22:09:45

Time Off Btm: 2013.05.20 @ 02:51:45

TEST COMMENT: IF: 5" blow.
ISI: Surface return.
FF: BOB @ 15 min.
FSI: BOB @ 25 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2291.12	124.74	Initial Hydro-static
1	28.55	123.92	Open To Flow (1)
20	53.66	125.69	Shut-In(1)
79	1007.29	127.11	End Shut-In(1)
80	243.32	126.63	Open To Flow (2)
170	110.90	127.70	Shut-In(2)
281	212.85	128.84	End Shut-In(2)
282	2235.70	130.05	Final Hydro-static

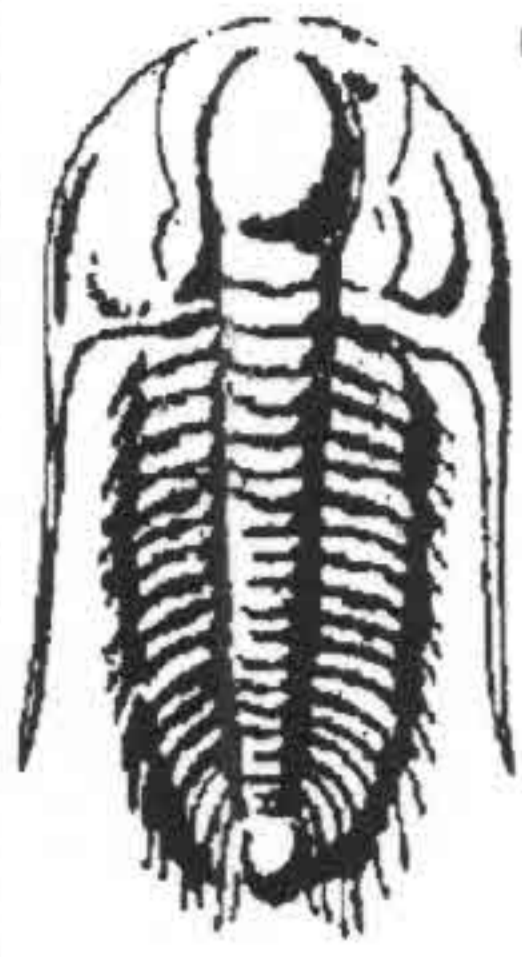
Recovery

Length (ft)	Description	Volume (bbl)
130.00	gmco 30g 25m 45o	0.64
180.00	go 30g 70o	0.96
0.00	1350 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prospect Oil & Gas Corp

2-13s-31w Gove, KS

PO Box 837
Russell, KS 67665

Fern Ottley #1

Job Ticket: 53235

DST#: 3

ATTN: Randy Kilian

Test Start: 2013.05.19 @ 19:50:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:10:00

Time Test Ended: 05:27:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 53

Interval: **4500.00 ft (KB) To 4550.00 ft (KB) (TVD)**

Reference Elevations: 2913.00 ft (KB)

Total Depth: 4550.00 ft (KB) (TVD)

2902.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 11.00 ft

Serial #: 8677 Inside

Press@RunDepth: psig @ 4501.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.05.19 End Date: 2013.05.20

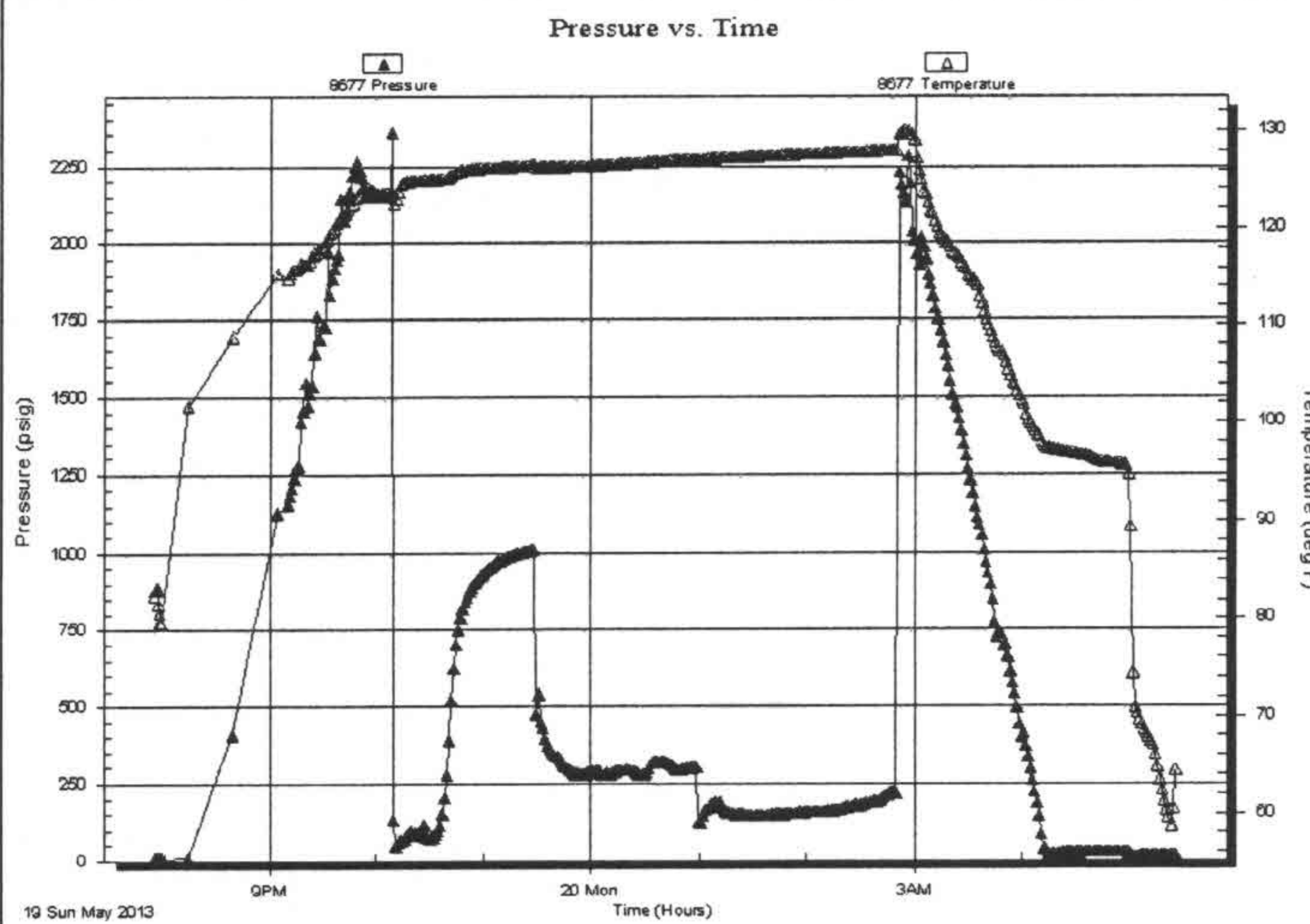
Last Calib.: 2013.05.20

Start Time: 19:54:35 End Time: 05:26:18

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 5" blow.
IS: Surface return.
FF: BOB @ 15 min.
FSI: BOB @ 25 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

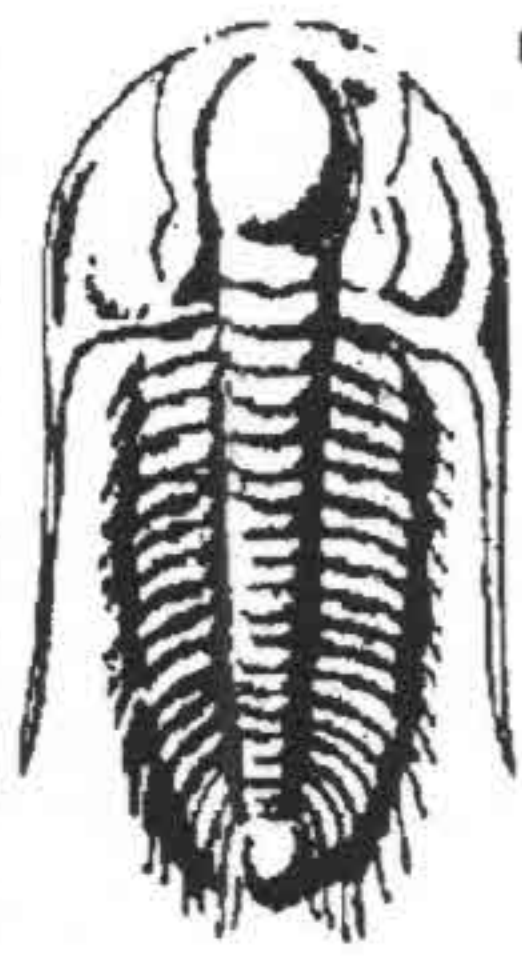
Recovery

Length (ft)	Description	Volume (bbl)
130.00	gmco 30g 25m 45o	0.64
180.00	go 30g 70o	0.96
0.00	1350 GIP	0.00

* Recovery from multiple tests

Gas Rates

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



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Prospect Oil & Gas Corp

2-13s-31w Gove, KS

PO Box 837
Russell, KS 67665

Fern Ottley #1

Job Ticket: 53235

DST#: 3

ATTN: Randy Kilian

Test Start: 2013.05.19 @ 19:50:00

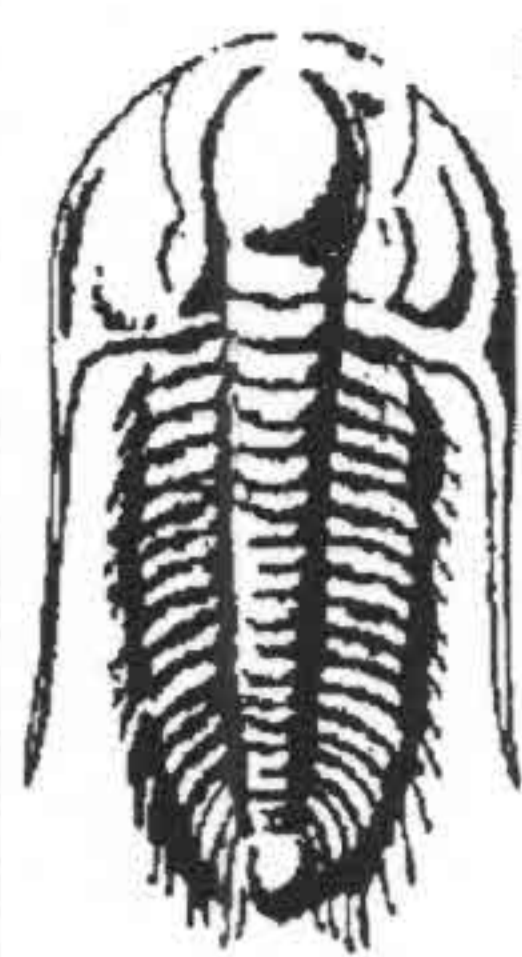
Tool Information

Drill Pipe:	Length: 4198.00 ft	Diameter: 3.20 inches	Volume: 41.76 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 296.00 ft	Diameter: 2.25 inches	Volume: 1.46 bbl	Weight to Pull Loose: 92000.00 lb
			<u>Total Volume: 43.22 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	21.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	4500.00 ft			Final 81000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	77.00 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			4474.00	
Shut In Tool	5.00			4479.00	
Hydraulic tool	5.00			4484.00	
Jars	5.00			4489.00	
Safety Joint	2.00			4491.00	
Packer	5.00			4496.00	27.00 Bottom Of Top Packer
Packer	4.00			4500.00	
Stubb	1.00			4501.00	
Recorder	0.00	8677	Inside	4501.00	
Recorder	0.00	8522	Outside	4501.00	
Perforations	12.00			4513.00	
Change Over Sub	1.00			4514.00	
Drill Pipe	32.00			4546.00	
Change Over Sub	1.00			4547.00	
Bullnose	3.00			4550.00	50.00 Bottom Packers & Anchor

Total Tool Length: 77.00



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DRILL STEM TEST REPORT

FLUID SUMMARY

Prospect Oil & Gas Corp

2-13s-31w Gove,KS

PO Box 837
Russell, KS 67665

Fern Ottley #1

Job Ticket: 53235

DST#: 3

ATTN: Randy Kilian

Test Start: 2013.05.19 @ 19:50:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	gmco 30g 25m 45o	0.639
180.00	go 30g 70o	0.956
0.00	1350 GIP	0.000

Total Length: 310.00 ft Total Volume: 1.595 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

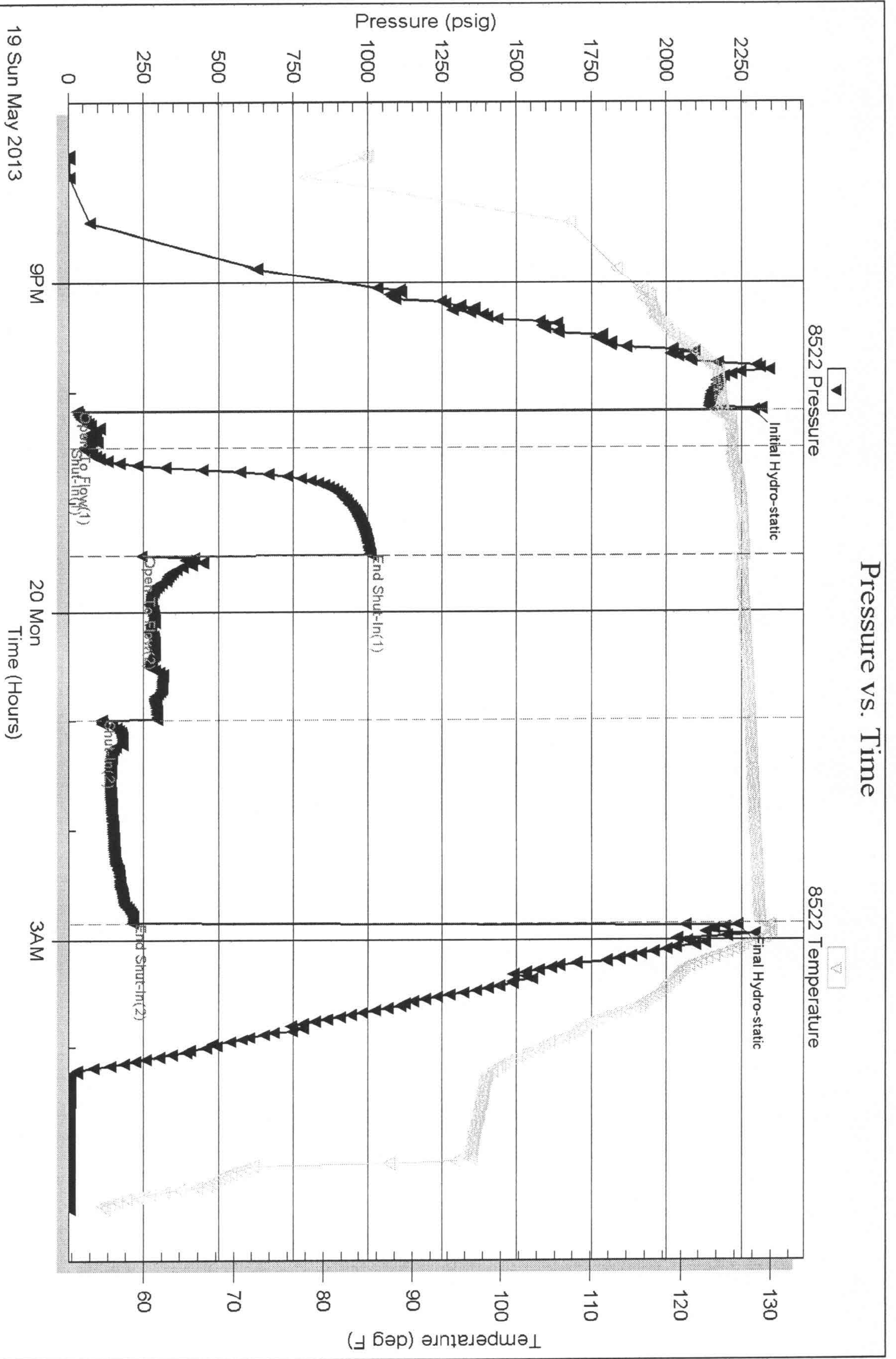
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



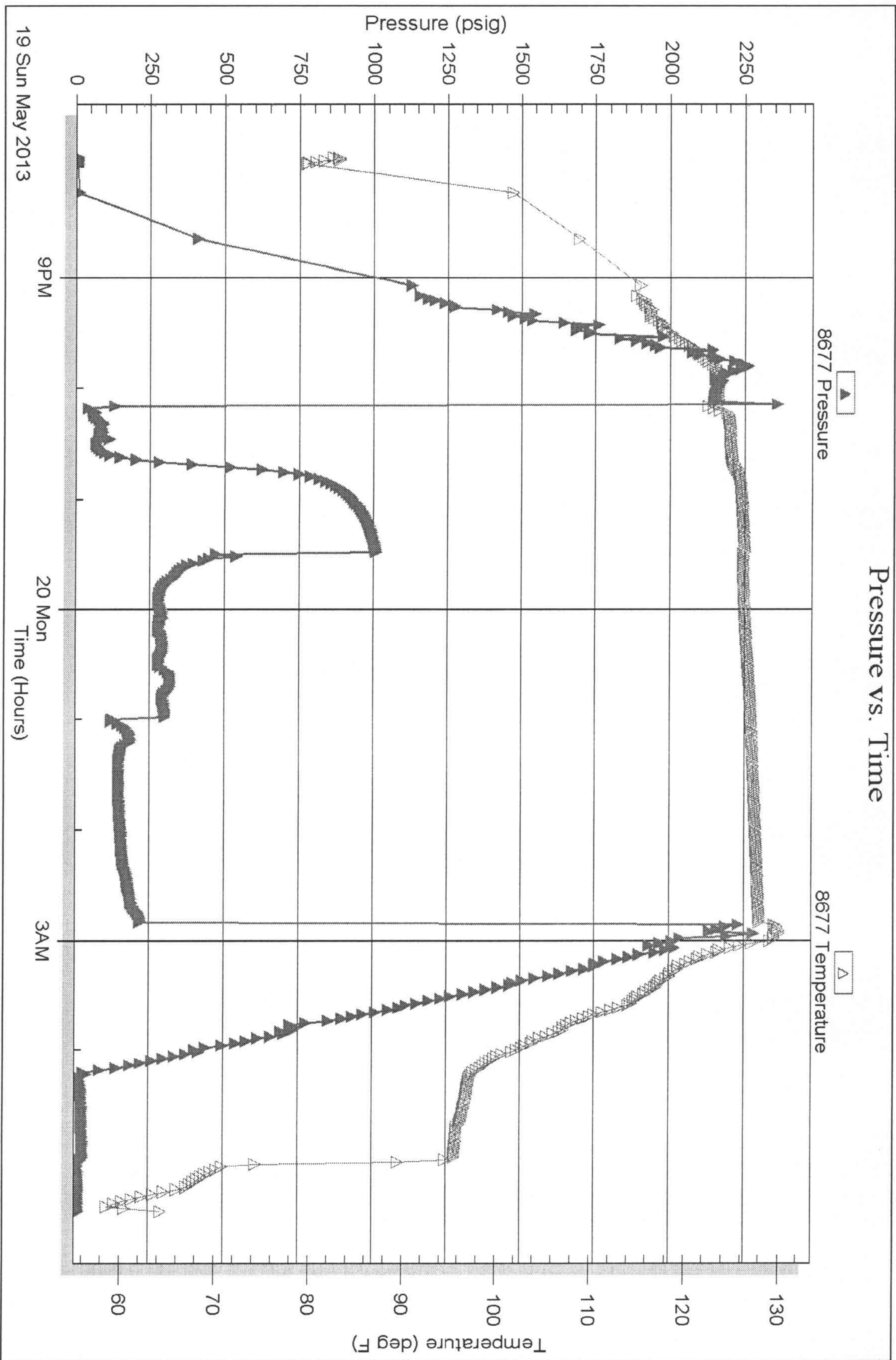
Serial #: 8677

Inside

Prospect Oil & Gas Corp

Fern Otley #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 53235

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