



KANSAS CORPORATION COMMISSION 1167205
OIL & GAS CONSERVATION DIVISION

Form ACO-1

June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
---	---

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method: Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Prospect Oil & Gas Corp
Well Name	Fern Ottley 1
Doc ID	1167205

Tops

Name	Top	Datum
ANHYDRITE	2404	+509
TOPEKA	3707	-794
HEEBNER	3930	-1017
TORONTO	3956	-1043
LANSING	3976	-1063
LKC	4273	-1360
PAWNEE	4399	-1486
FT SCOTT	4458	-1545
JOHNSON	4529	-1616
MISSISSIPPI	4581	-1668

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

No. 6817

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

Date	5-21-13	Sec.	2	Twp.	13	Range	31	County	Gove	State	Mo Ks	On Location		Finish	1:00 PM
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Location Gove, Ks 12 1/2 W, S 1/4 N 10

Lease	Fern Ottley	Well No.	1	Owner	To Quality Oilwell Cementing, Inc.
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Contractor	Murfin #22	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
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Type Job	Top stage	Charge To	Prospect oil + gas
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Hole Size	7 7/8"	T.D.	4625'	Street	
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Csg.	5 1/2" 14# New	Depth		City		State	
------	----------------	-------	--	------	--	-------	--

Tbg. Size		Depth		The above was done to satisfaction and supervision of owner agent or contractor.		
-----------	--	-------	--	--	--	--

Tool	D U Tool	Depth	2366'	Cement Amount Ordered	450 sx QMDC 1/4# Flo-seal
------	----------	-------	-------	-----------------------	---------------------------

Cement Left in Csg.		Shoe Joint			
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Meas Line		Displace	57 3/4 BLS	Common	450
-----------	--	----------	------------	--------	-----

EQUIPMENT			Poz. Mix	
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Pumptrk	15	No.		Cementer	Nick	Gel.	
---------	----	-----	--	----------	------	------	--

Bulktrk	13	No.		Driver	Billy	Calcium	
---------	----	-----	--	--------	-------	---------	--

Bulktrk	p.m.	No.		Driver	Rick	Hulls	
---------	------	-----	--	--------	------	-------	--

JOB SERVICES & REMARKS						
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Remarks:		Salt	
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Rat Hole	30 sx	Flowseal	112#
----------	-------	----------	------

Mouse Hole	15 sx	Kol-Seal	
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Centralizers	pipe on bottom, break Circulation	Mud CLR 48	
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Baskets	plug Rathole w/ 30sx, plug	CFL-117 or CD110 CAF 38	
---------	----------------------------	-------------------------	--

D/V or Port Collar	mousehole w/ 15sx, Hook	Sand	
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to Casing + mix	405 sx QMDC 1/4#	Handling	450
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Flo-seal, shut down, wash pump + lines, Displaced with 57 3/4 BLS of water. Released + held,		Mileage	
--	--	---------	--

Lift pressure	900 #	FLOAT EQUIPMENT	
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Land plug to	2000 #	Guide Shoe	
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Cement did Circulate		Centralizer	
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		Baskets	
--	--	---------	--

		AFU Inserts	
--	--	-------------	--

		Float Shoe	
--	--	------------	--

		Latch Down	
--	--	------------	--

		Pumptrk Charge	prod Long String
--	--	----------------	------------------

		Mileage	NO
--	--	---------	----

		Tax	
--	--	-----	--

		Discount	
--	--	----------	--

		Total Charge	
--	--	--------------	--

X Signature *Larry W. Ruesher*

TOP Stage

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

No. 6816

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

Date	5-21-13	Sec.	2	Twp.	13	Range	31	County	Gove	State	Ks	On Location		Finish	11:45 AM
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Lease Fern ottley Well No. #1 Location Gove, Ks - 12 1/2 W, S 1 Into

Contractor Murfin # 22 Owner To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job Bottom Stage Charge To Prospect oil + gas

Hole Size 7 7/8" T.D. 4625'
Csg. 5/2" New 14# Depth 4628.25' Street _____

Tbg. Size _____ Depth _____ City _____ State _____
Tool DV Tool Depth 2366' The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. 43.29' Shoe Joint 43.29' Cement Amount Ordered 180 5x Common 10% Sal

Meas Line _____ Displace 112 BLS 5% Gilsomite, - 500 gal Mud Clear 48
Common 180

EQUIPMENT
Pumptrk 15 No. _____ Cementer Nick Helper Rick Poz. Mix _____
Bulktrk 1 No. _____ Driver David Gel. _____
Bulktrk 13 No. _____ Driver Billy Calcium _____

JOB SERVICES & REMARKS
Remarks: pipe on bottom, break Salt 17

Rat Hole Circulation - pump 500 gal Flowseal _____
Mouse Hole Mud Clear 48, pump 10 BLS Kol-Seal 900#

Centralizers water spacer, mix 180 5x Mud CLR 48 500 gal

Baskets Common 10% Salt, 5% Gilsomite CFL-117 or CD110 CAF 38 _____

D/V or Port Collar shut down wash pump Sand _____
lines, Released plug + Displaced Handling 206

with 54 BLS of water 58 BLS of Rig Mileage _____
mud. Released + held.

Lift pressure 800 # Guide Shoe _____
Land plug to 1600 # Centralizer 10 turbos - 1 Reg

Drop Dart wait 10 min. and Baskets 2
open tool with 1400 # AFU Inserts _____

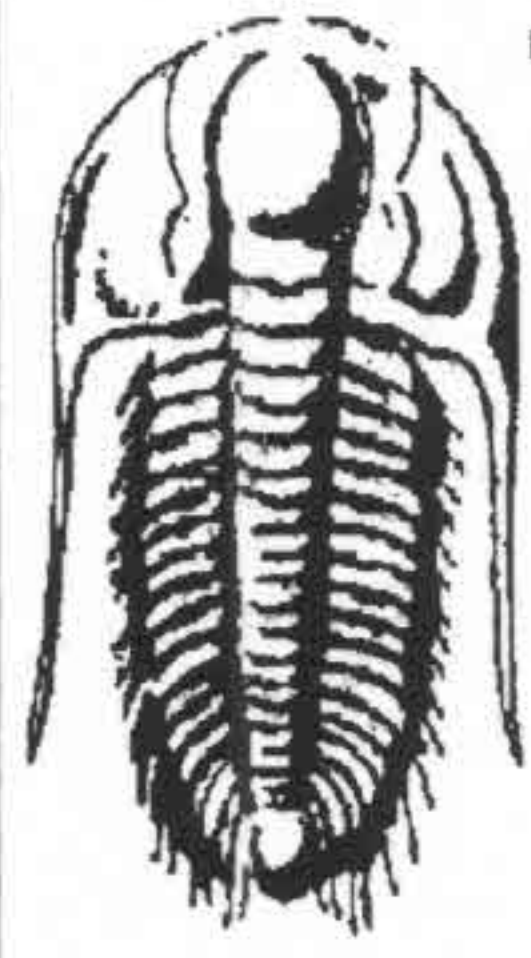
Begin Circulation Float Shoe 1
Latch Down _____

DV Tool - # 54 2366' 1-DV Tool Assy _____

Baskets - # 10 # 54 Pumptrk Charge prod Long String Bottom Stage _____

Cents - 1-19 turbos - Reg # 53 Mileage 17 Tax _____

X Signature Fern W. Reeshe Discount _____
Total Charge _____



**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

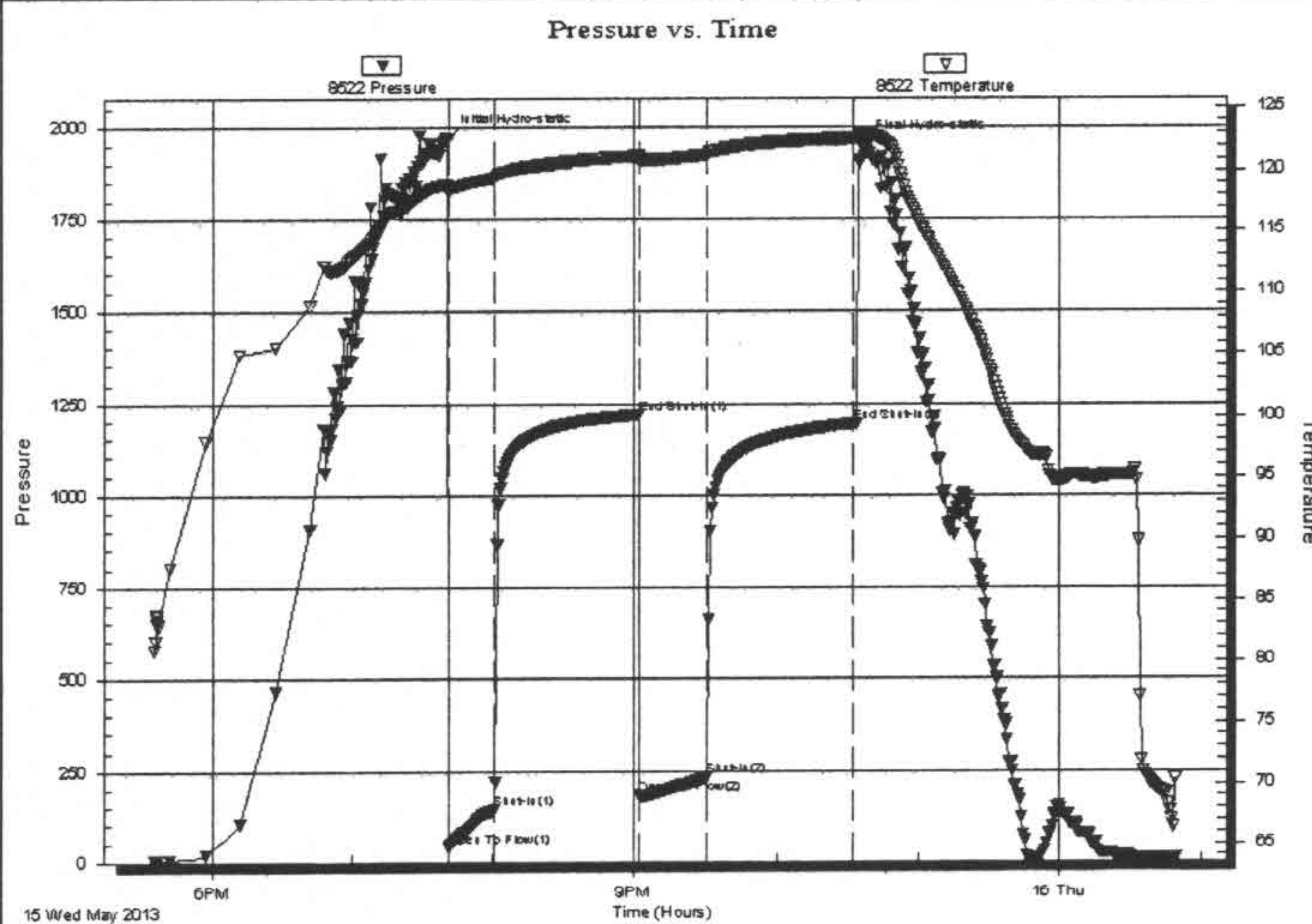
End Time:

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

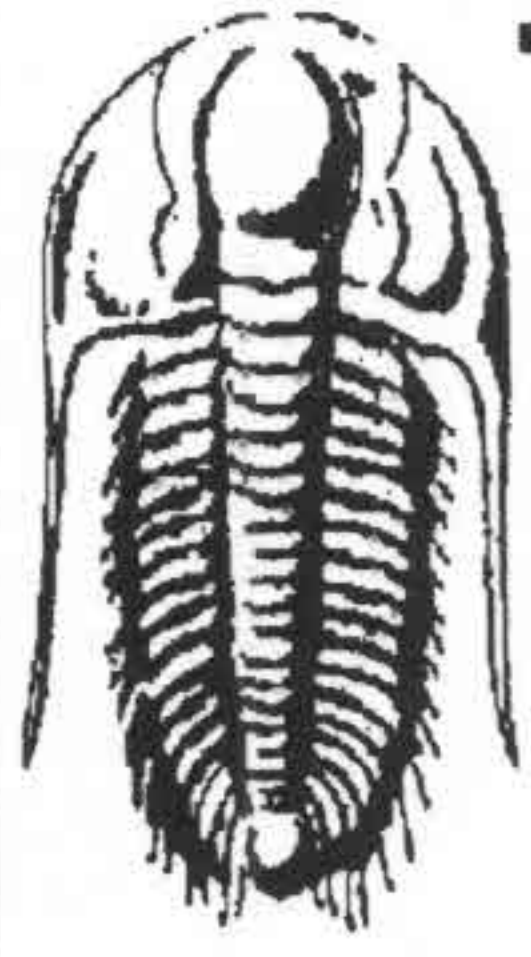
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1965.02	118.95	Initial Hydro-static
1	38.21	118.17	Open To Flow (1)
20	143.60	119.43	Shut-In(1)
81	1220.47	121.17	End Shut-In(1)
82	186.56	120.82	Open To Flow (2)
110	232.04	121.26	Shut-In(2)
171	1193.48	122.53	End Shut-In(2)
175	1946.25	122.82	Final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

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)**
Total Depth: 4090.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2913.00 ft (KB)
2902.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8677

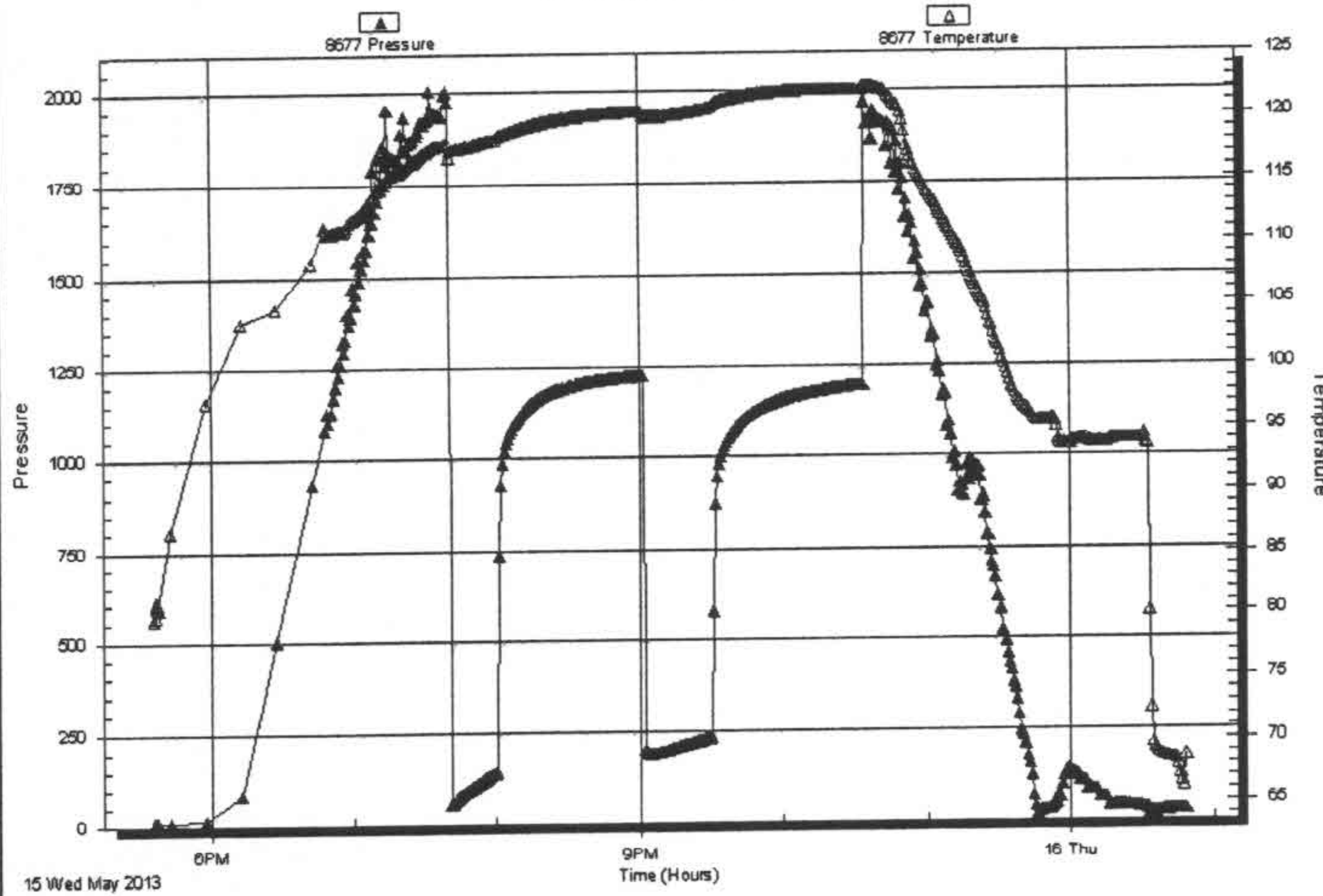
Inside

Press@RunDepth: psig @ 3985.00 ft (KB)
Start Date: 2013.05.15 End Date: 2013.05.16
Start Time: 17:35:35 End Time: 00:48:29

Capacity: 8000.00 psig
Last Calib.: 2013.05.16
Time On Btm:
Time Off Btm:

TEST COMMENT: IF: BOB @ 18 min.
ISI: No return.
FF: BOB @ 29 min.
FSI: No return.

Pressure vs. Time



PRESSURE SUMMARY

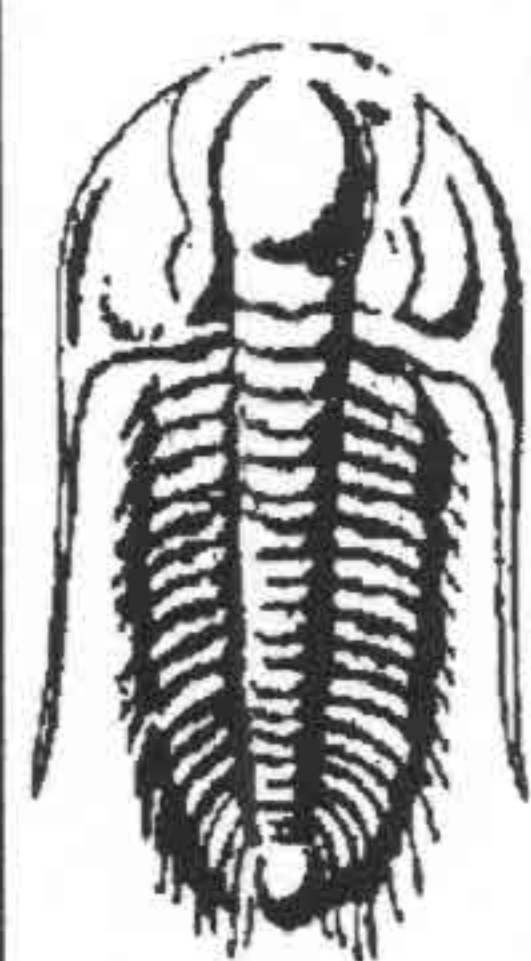
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

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

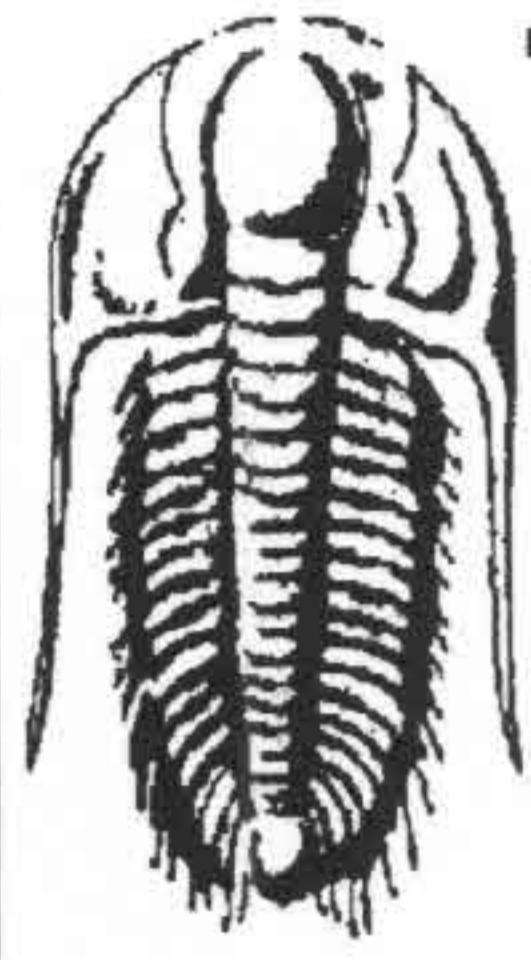
Tool Information

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
TESTING, INC

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

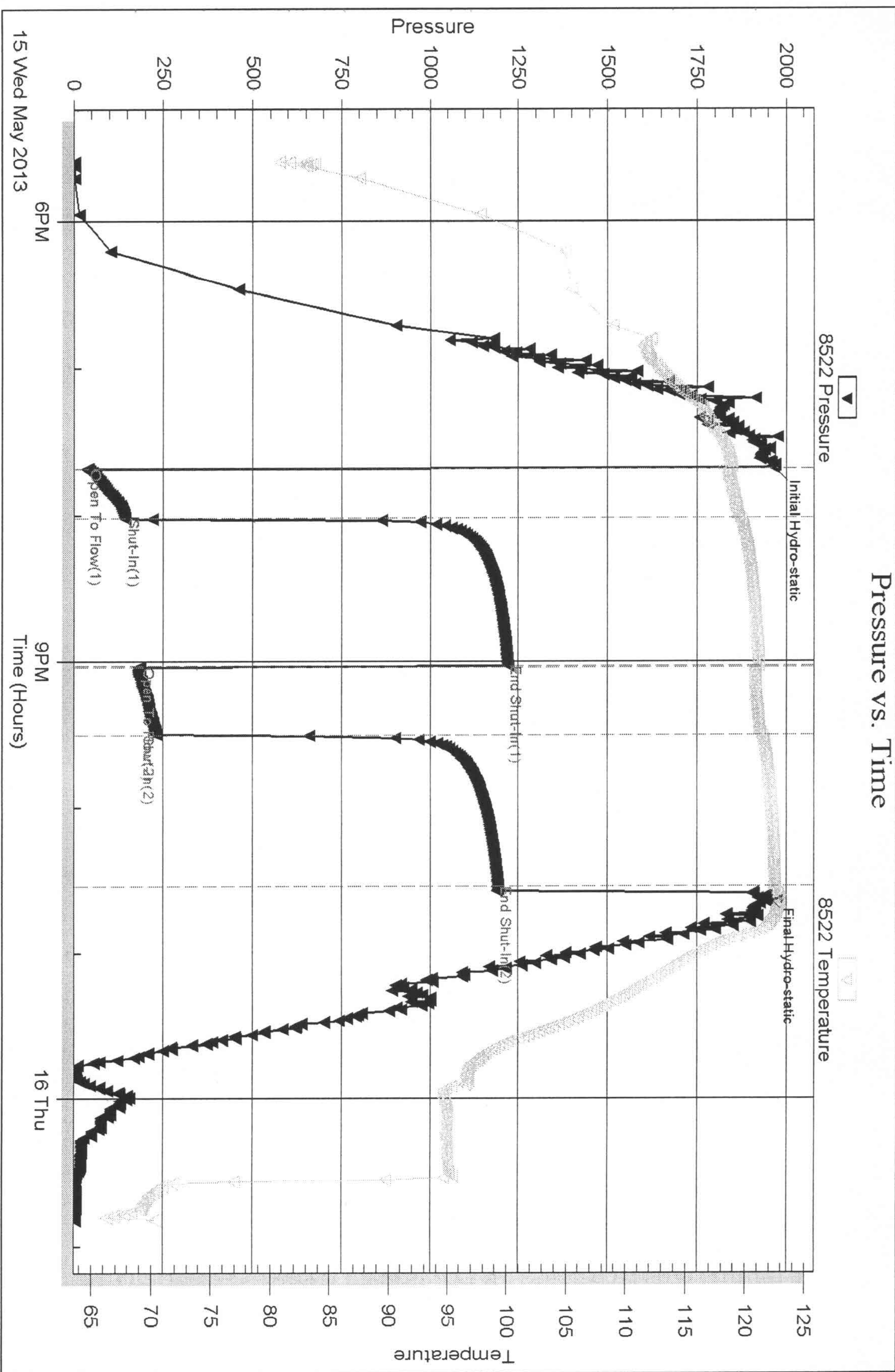
Serial #:

Laboratory Name:

Laboratory Location:

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

Pressure vs. Time



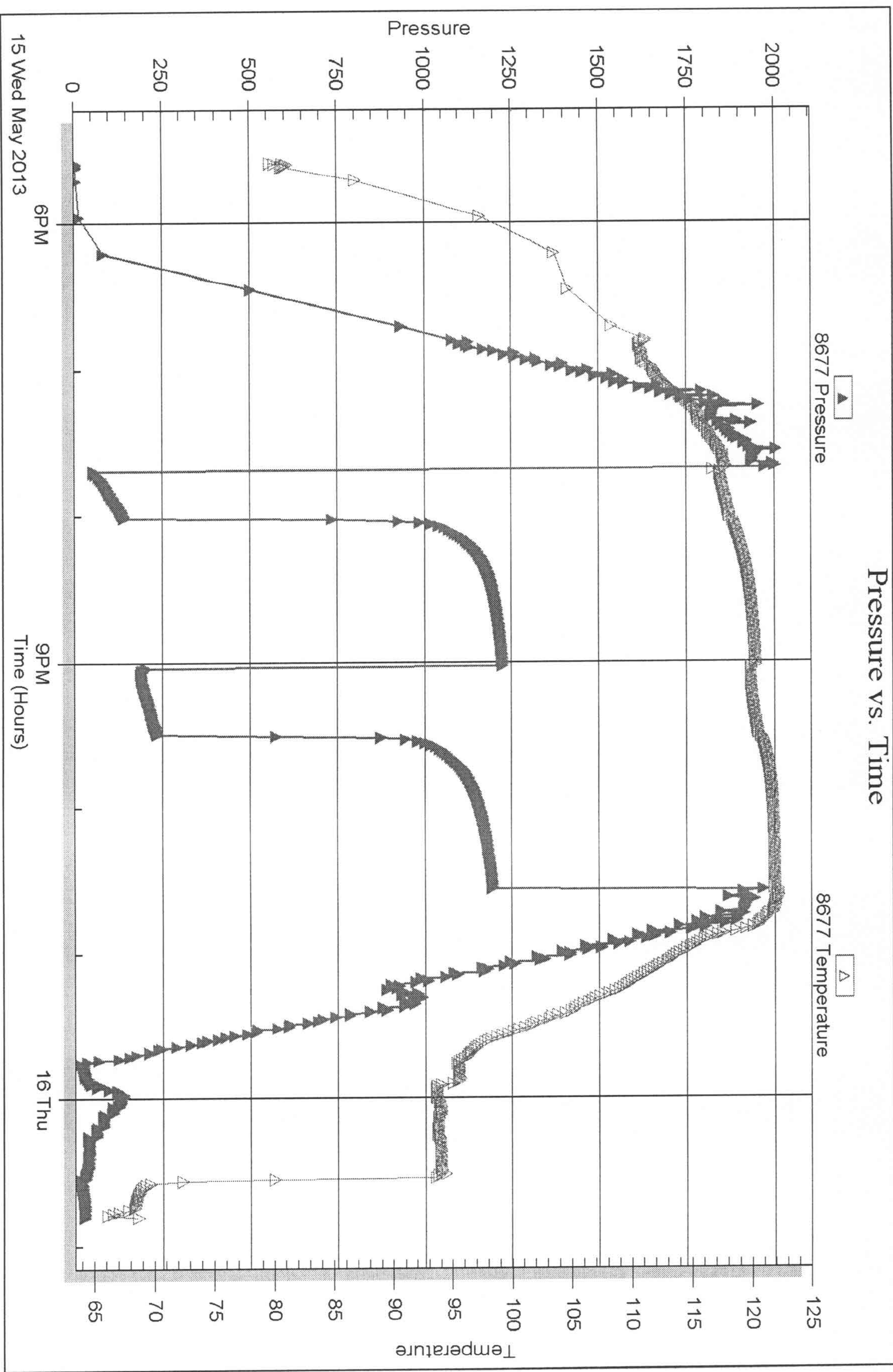
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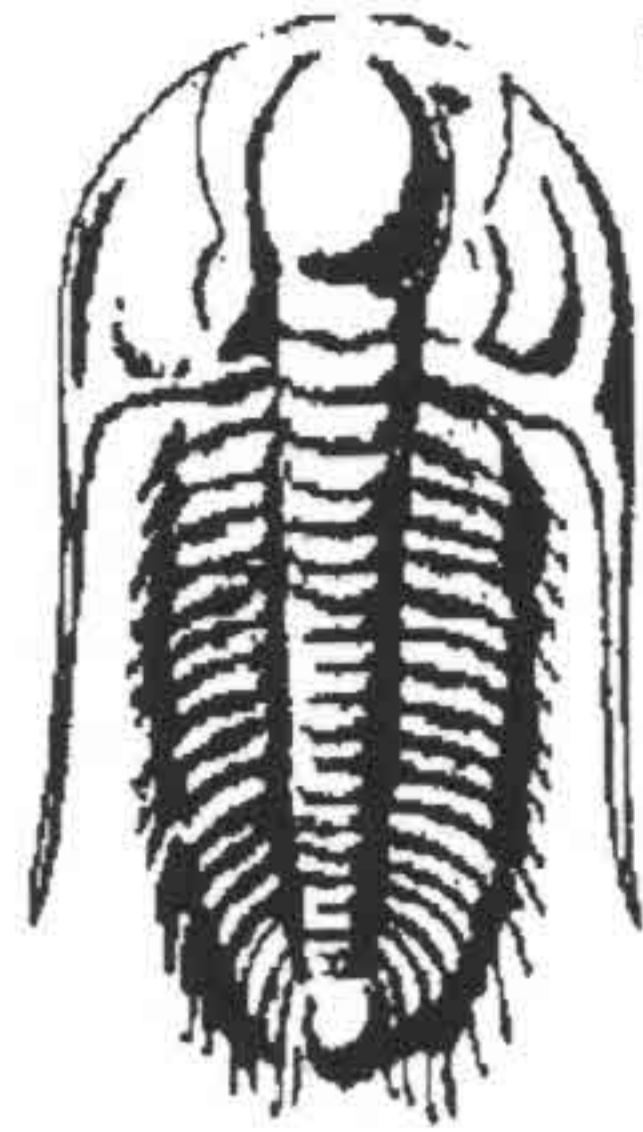
Inside

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

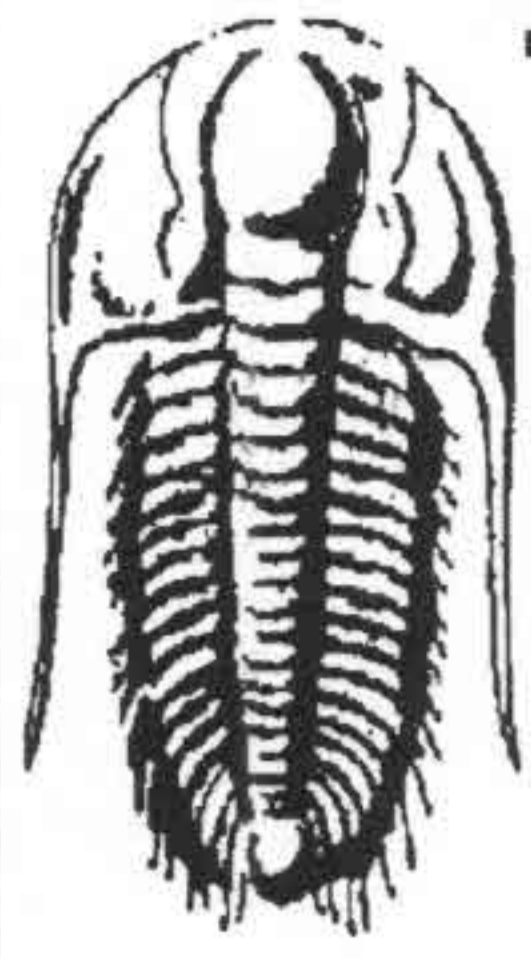
Job Ticket #: 53234 DST #: 2

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:

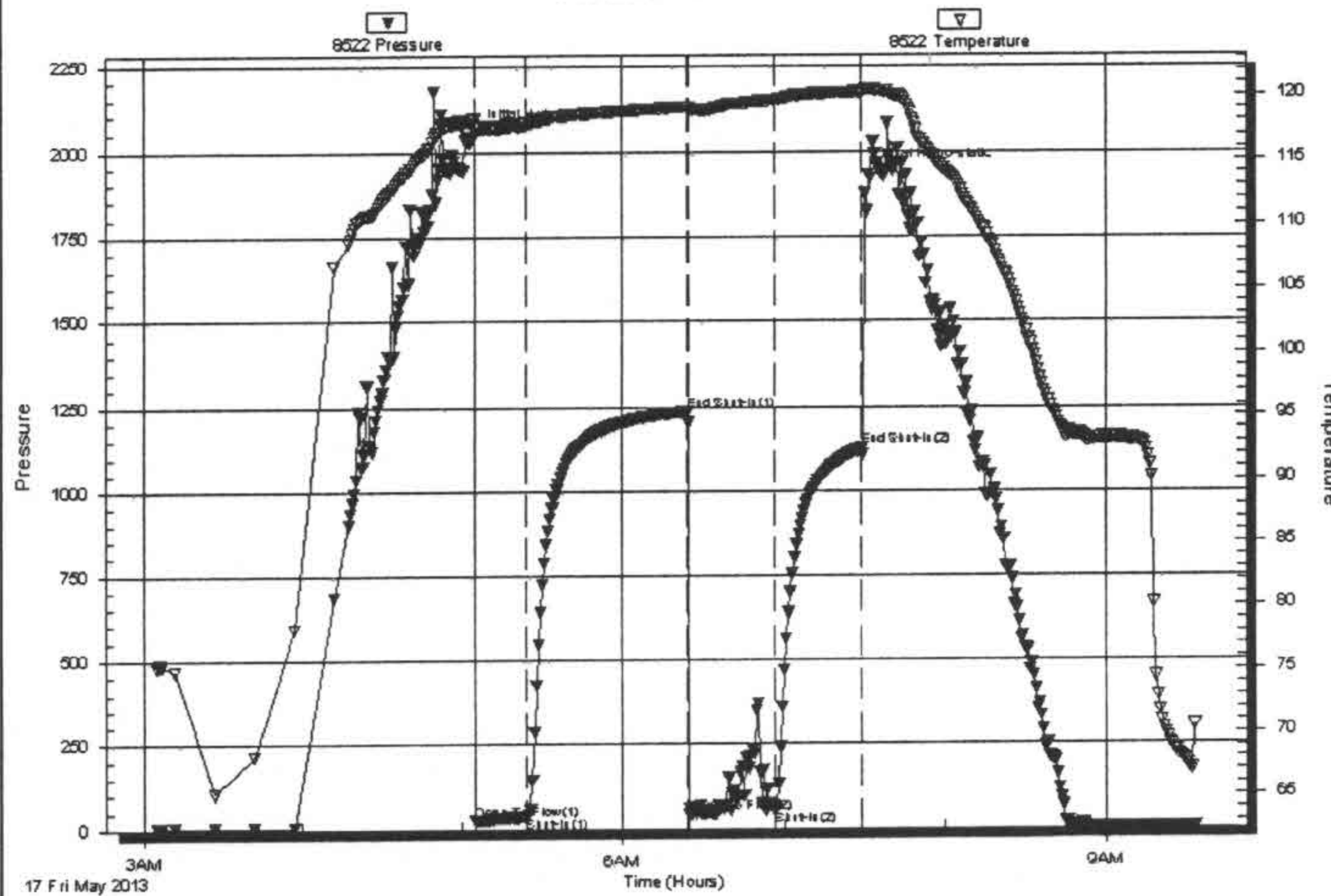
09:33:44

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

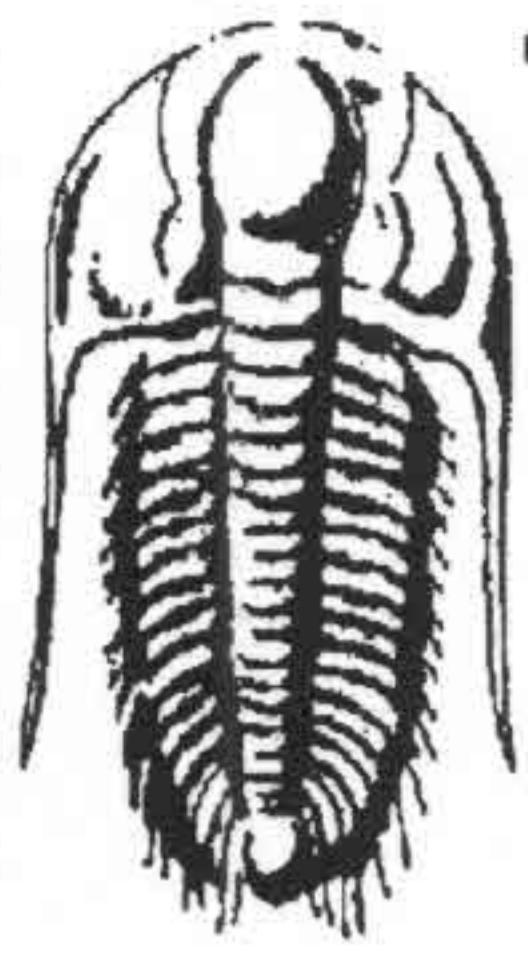
Recovery

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)



**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 #: 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:

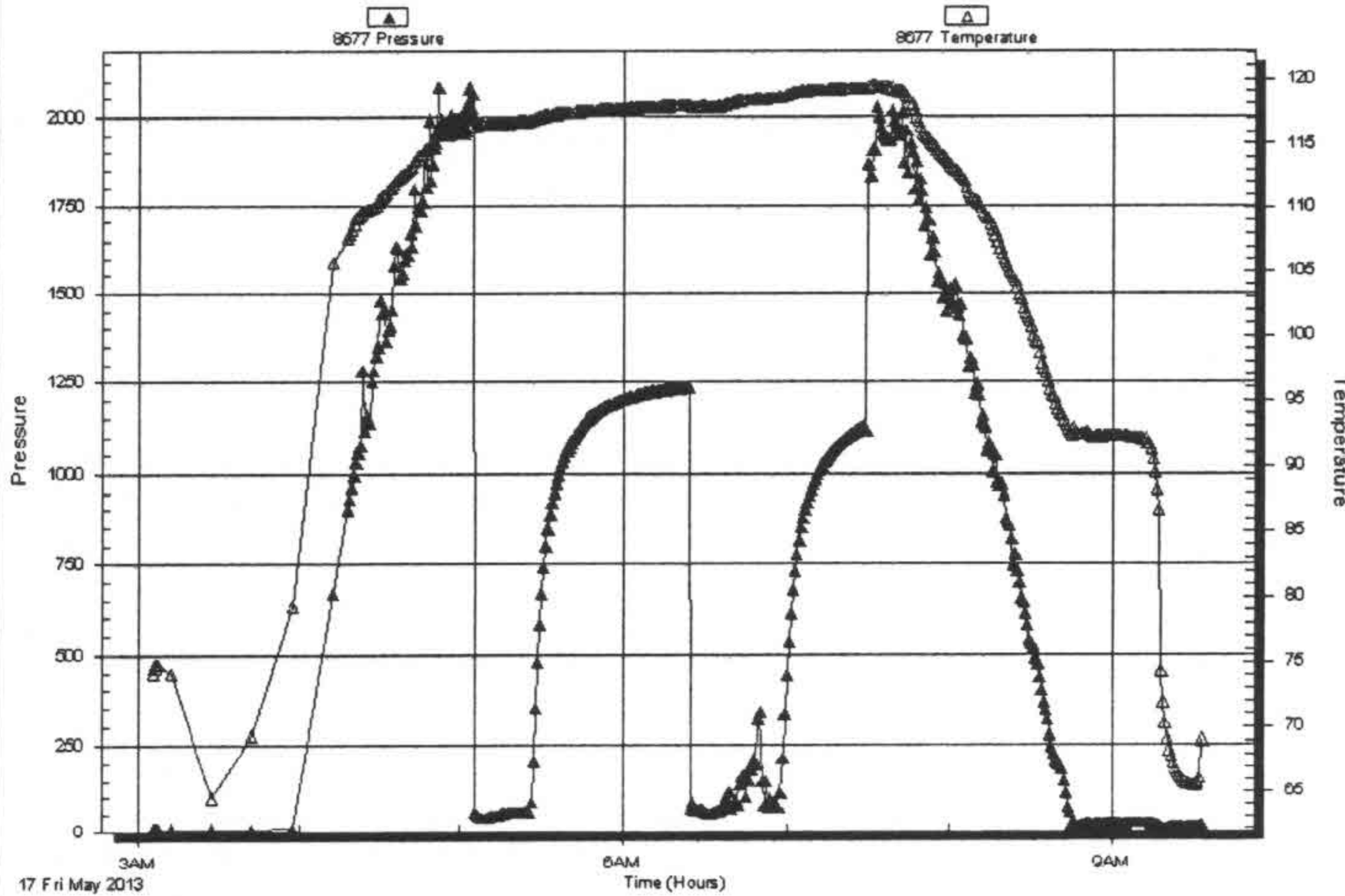
09:33:14

Time On Btm:

Time Off Btm:

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

Pressure vs. Time



PRESSURE SUMMARY

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

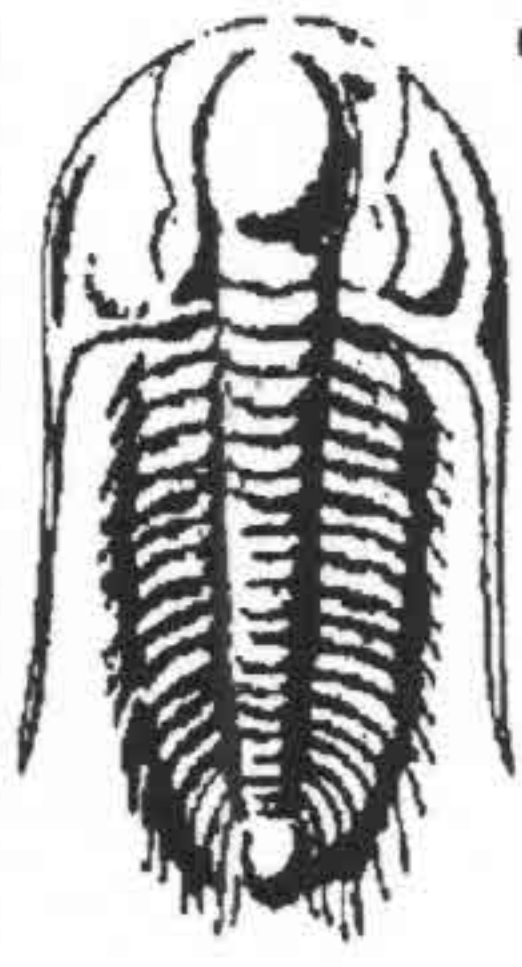
Recovery

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



TRILOBITE
TESTING, INC.

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

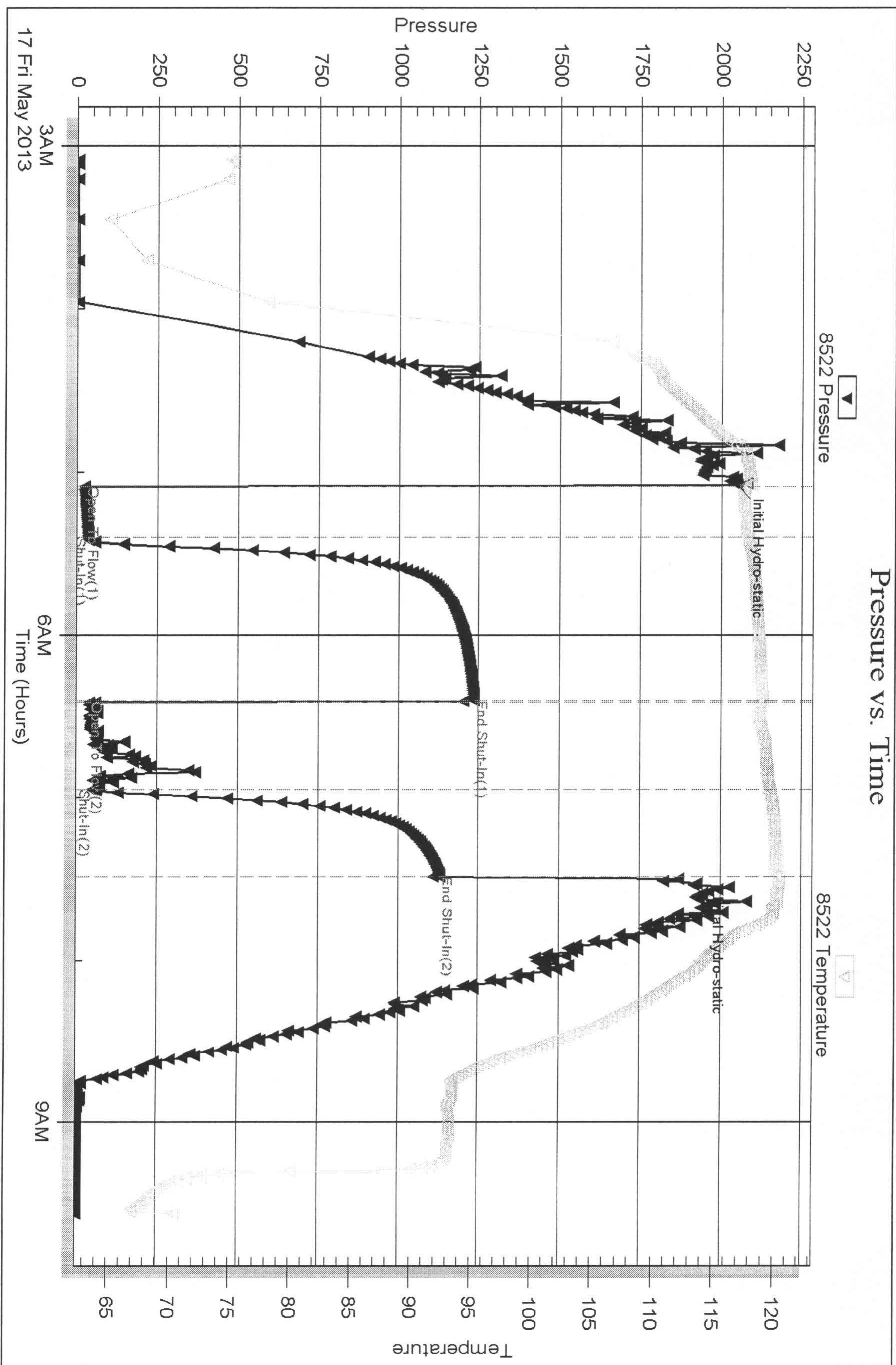
Num Gas Bombs: 0

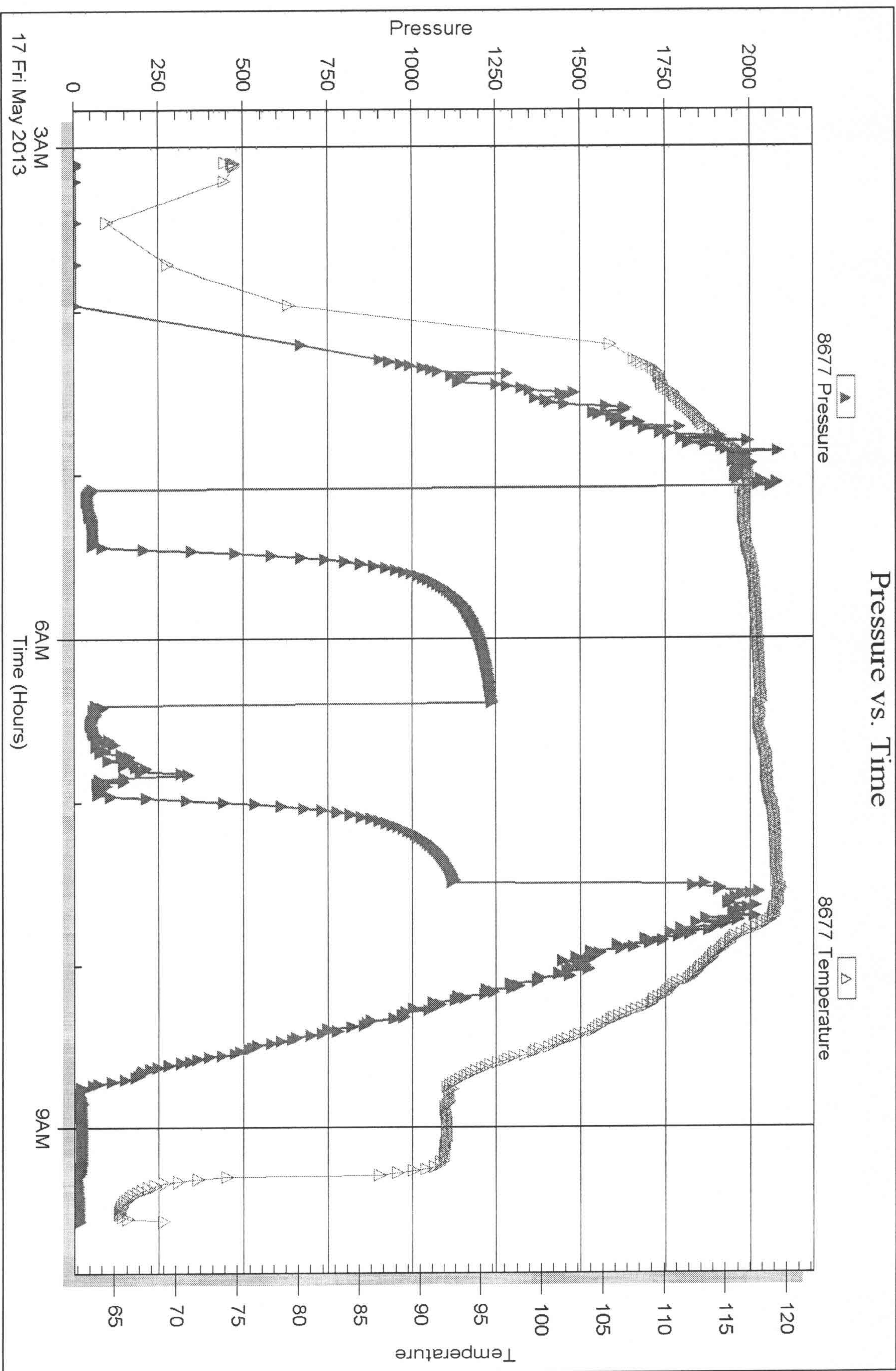
Serial #:

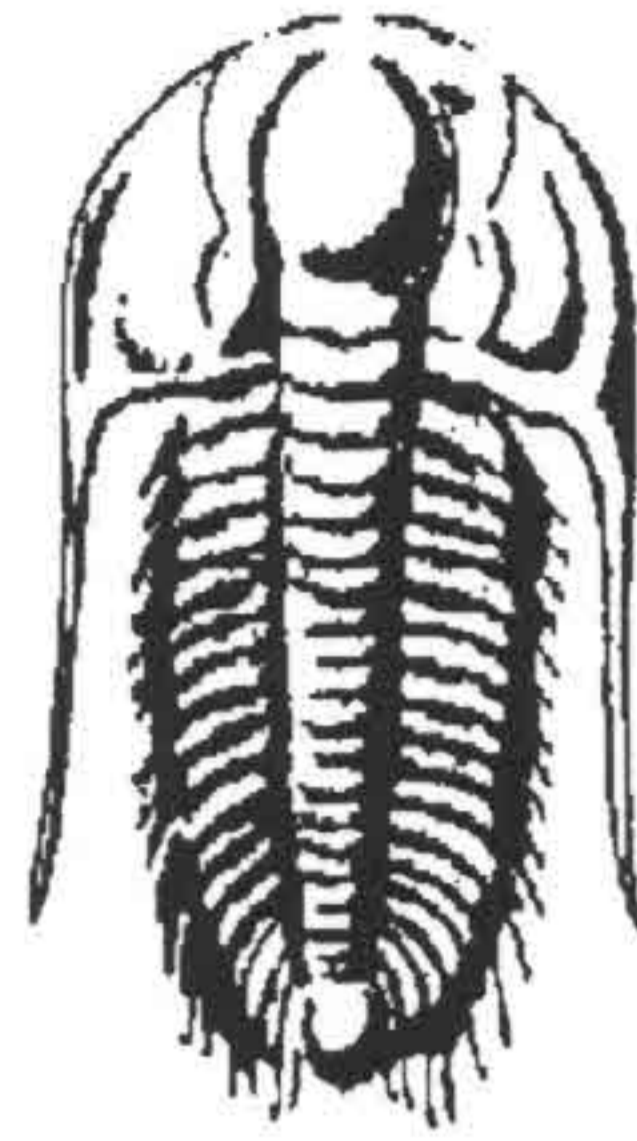
Laboratory Name:

Laboratory Location:

Recovery Comments:







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

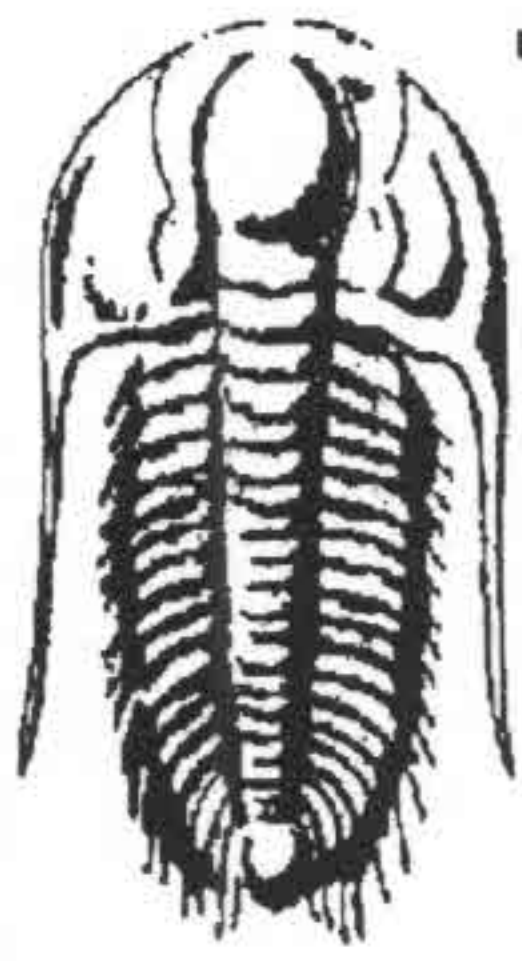
Job Ticket #: 53235 DST #: 3

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

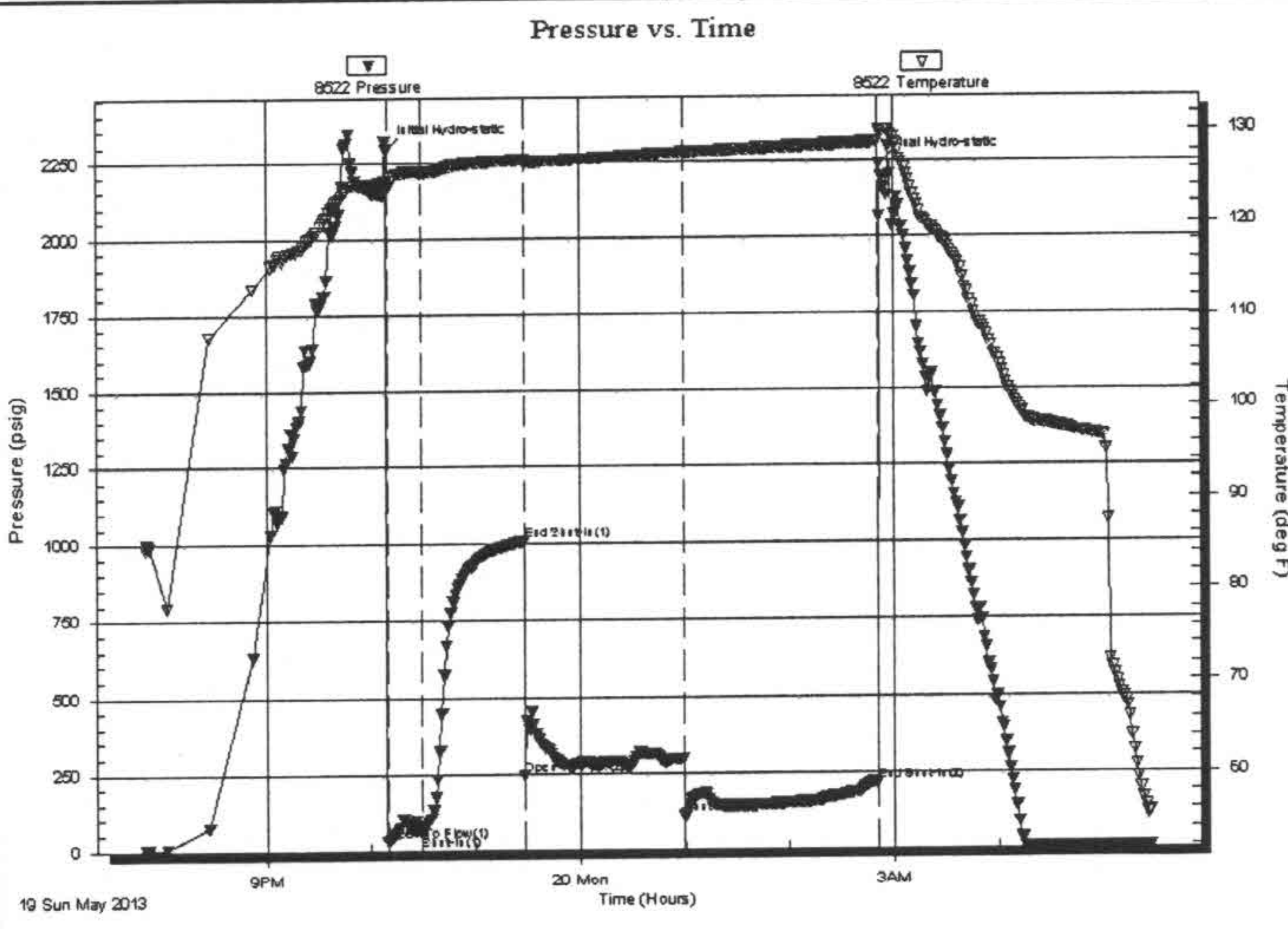
Test Start: 2013.05.19 @ 19:50:00

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:10:00
 Time Test Ended: 05:27:30
 Interval: **4500.00 ft (KB) To 4550.00 ft (KB) (TVD)**
 Total Depth: 4550.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 53
 Reference Elevations: 2913.00 ft (KB)
 2902.00 ft (CF)
 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.
 IS: 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

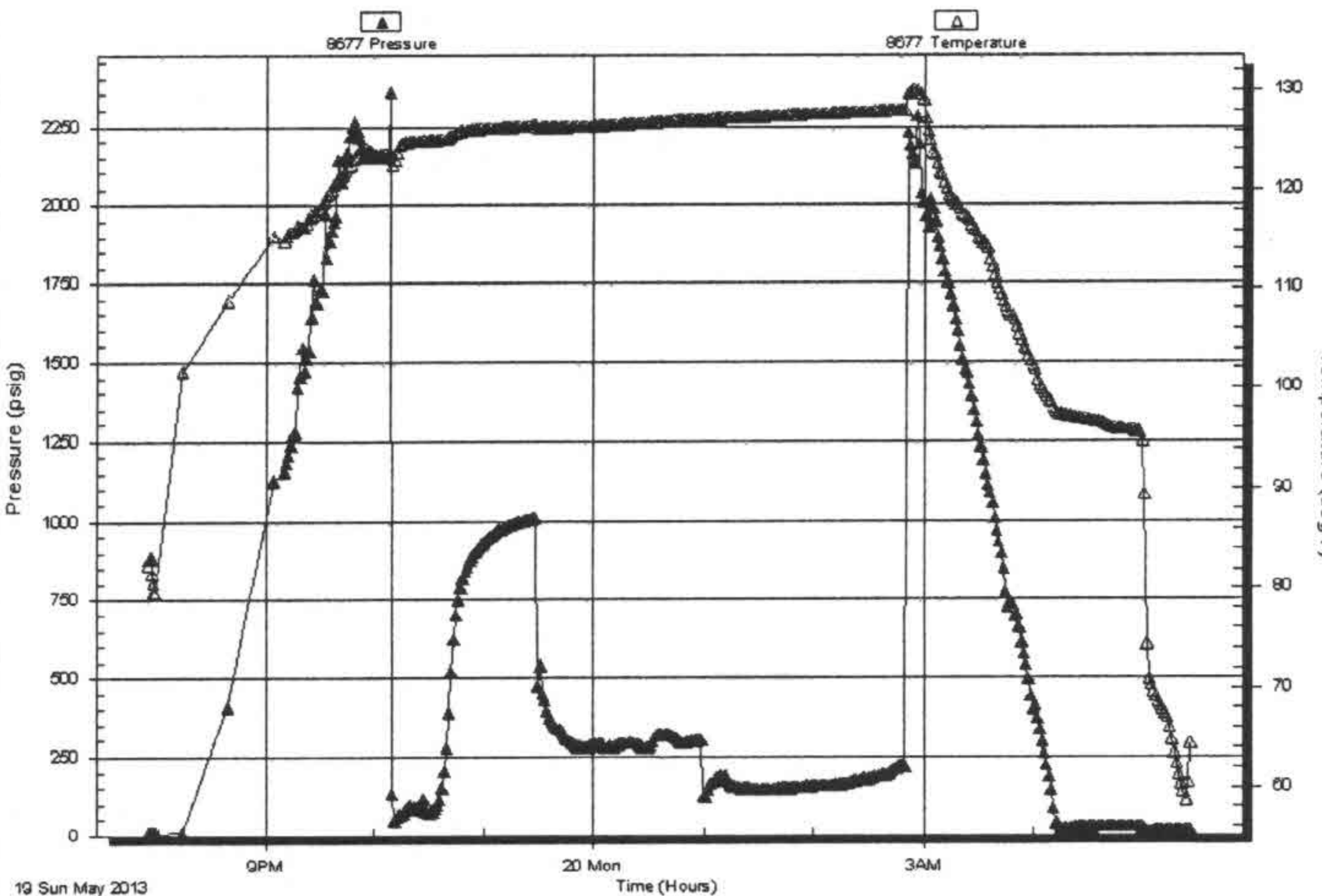
Start Time: 19:54:35 End Time: 05:26:18

Time On Btm:

Time Off Btm:

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

Pressure vs. Time



PRESSURE SUMMARY

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

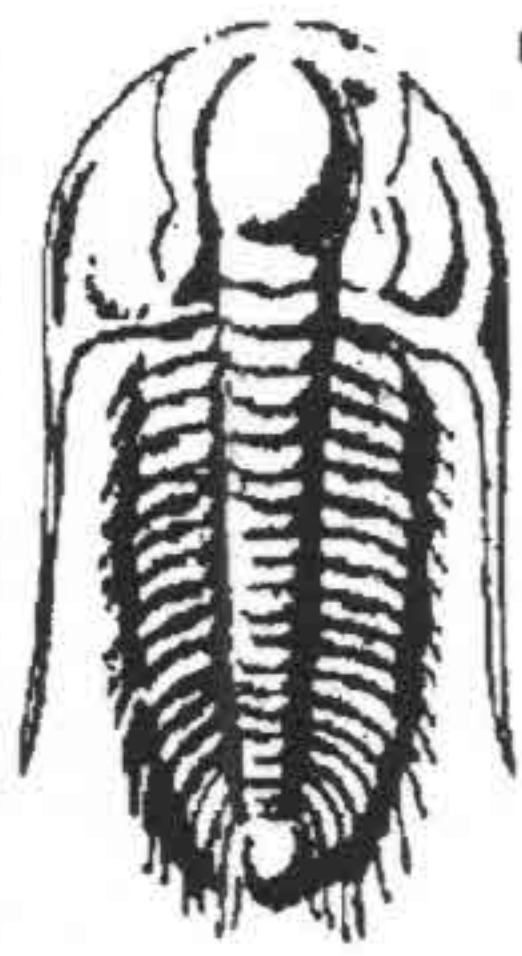
Recovery

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

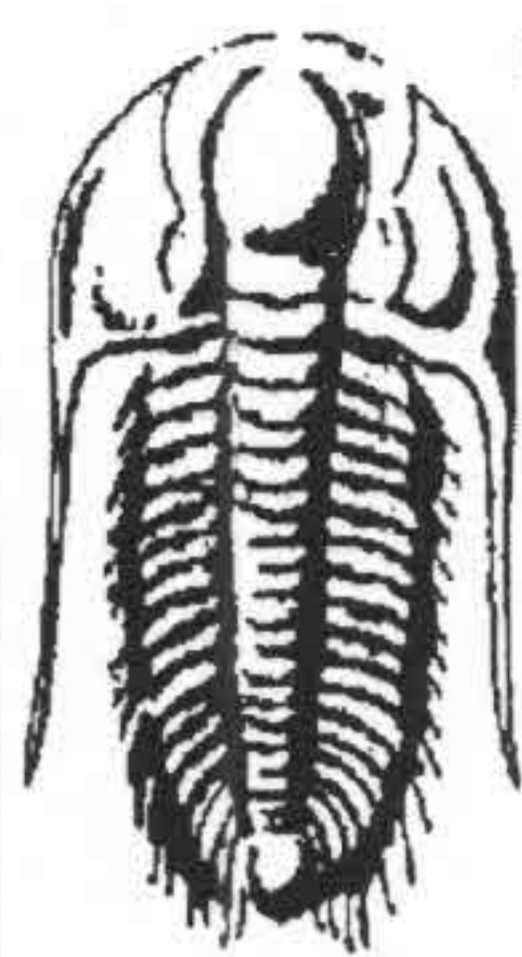
Tool Information

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



TRILOBITE
TESTING, INC.

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

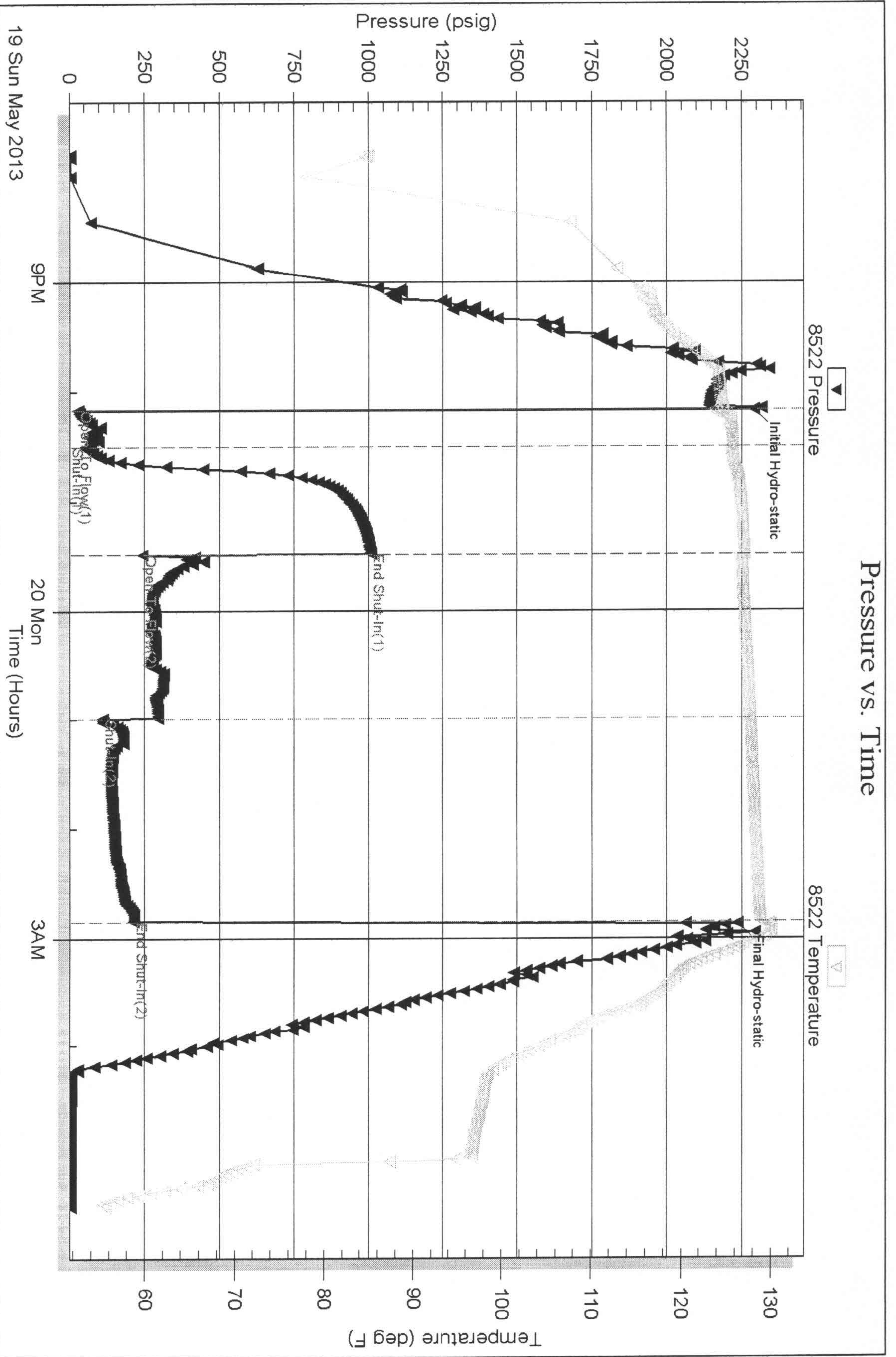
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



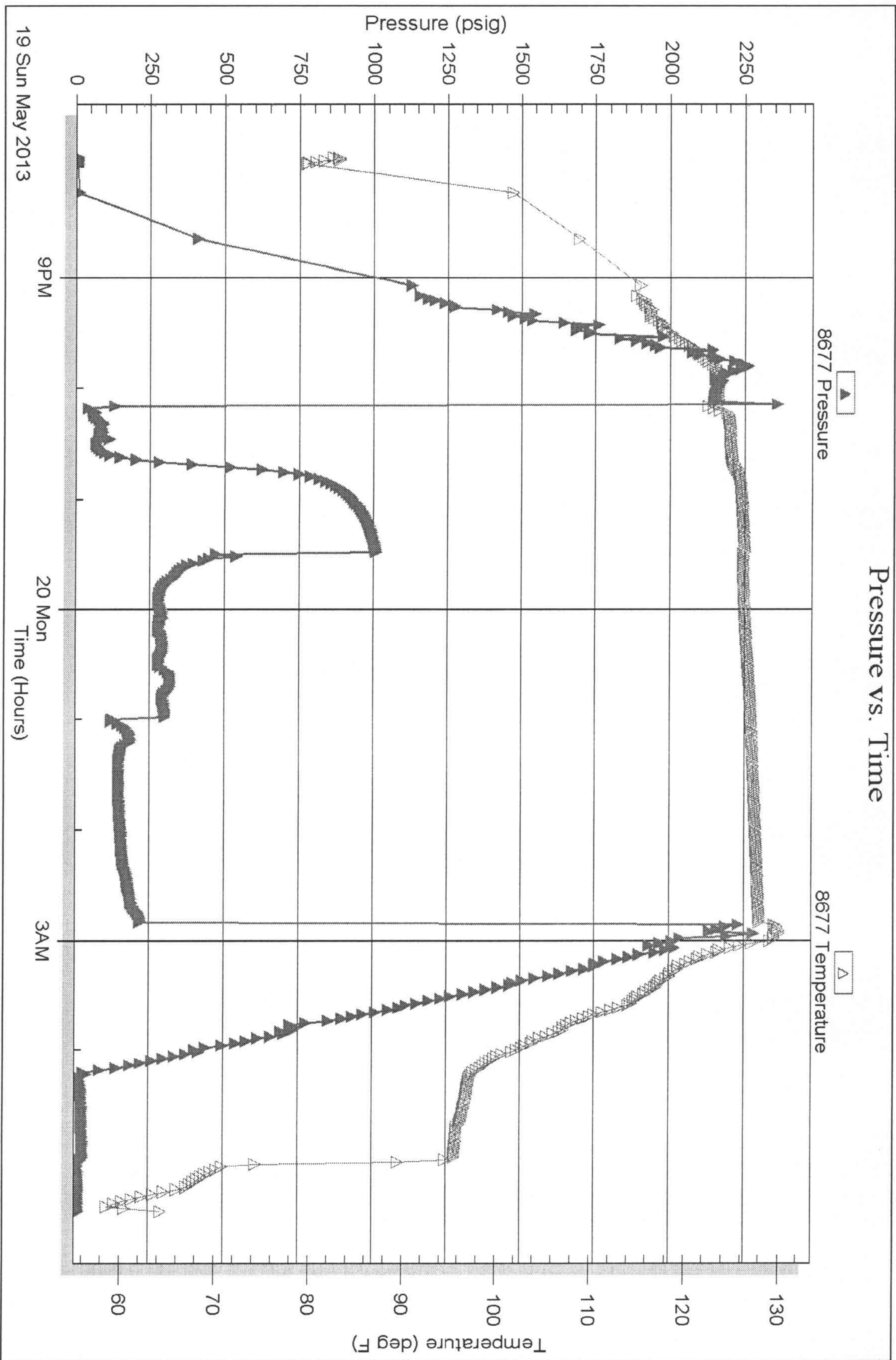
Serial #: 8677

Inside

Prospect Oil & Gas Corp

Fern Otley #1

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 53235

Printed: 2013.05.28 @ 13:28:31