



**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: \_\_\_\_\_



1059703

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
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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 Bbbs.	Gas Mcf	Water Bbbs.	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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Energy services, L.P.

JUL 11 2011

TREATMENT REPORT

Lease No. <i>Novy O. 146as</i>		Date <i>7-11-11</i>	
Well # <i>1</i>			
Field Order # <i>4578</i>	Station <i>Pratt</i>	Casing <i>5 1/2</i>	Depth <i>4106</i>
County <i>Kingsman</i>		State <i>KS</i>	
Type Job <i>CNW-5 1/2 L.S.</i>		Formation	Legal Description <i>15 29-6</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>4 1/2</i>	<i>4 1/2</i>			<i>60/40 P02</i>			5 Min.	
Depth	Depth	From	To	Pre Pad	Max		10 Min.	
				<i>60/40 P02</i>	Min		15 Min.	
Volume	Volume	From	To	Pad	Avg		Annulus Pressure	
Max Press	Max Press	From	To	Frac	HHP Used		Total Load	
Well Connection	Annulus Vol.	From	To		Gas Volume			
Plug Depth	Packer Depth	From	To	Flush <i>97</i>				

Customer Representative				Station Manager <i>Dave Scott</i>				Treater <i>Steve (Joland)</i>			
Service Units	<i>27283</i>	<i>27463</i>	<i>19832</i>	<i>21010</i>							
Driver Names	<i>Delano Wiser</i>	<i>Travis</i>	<i>Benson</i>								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:00 PM</i>					<i>On location - Safety meeting</i>
					<i>Ran 98 TI, 5 1/2 casing</i>
					<i>Centralizer 3-5-7-11-14-16</i>
					<i>Backed 2-15</i>
					<i>Casing on bottom</i>
					<i>Break circ w/ ring</i>
<i>1:05</i>	<i>250</i>		<i>12</i>	<i>5</i>	<i>Mud flush</i>
<i>1:08</i>	<i>250</i>		<i>5</i>	<i>5</i>	<i>H2O spacer</i>
<i>1:09</i>	<i>200</i>		<i>50</i>	<i>5</i>	<i>Mix 200 lbs @ 14.3 Gal</i>
					<i>Shut Down - clear pump &amp; line</i>
					<i>Release plug</i>
<i>1:25</i>	<i>Q</i>		<i>0</i>	<i>6</i>	<i>Start H2O Displacement</i>
<i>1:37</i>	<i>300</i>		<i>75</i>	<i>5</i>	<i>Lift pressure</i>
<i>1:39</i>	<i>500</i>		<i>87</i>	<i>4</i>	<i>Slow Rate</i>
<i>1:42</i>	<i>1500</i>		<i>97</i>	<i>4</i>	<i>plug Down - Hold</i>
					<i>- Job Complete -</i>
					<i>Thanks, Steve</i>
<i>2:00 AM</i>					<i>plug - RH/MH w/ 50 lbs 60/40 P02</i>

JUL 05 2011

# ALLIED CEMENTING CO., LLC. 040710

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
ML

DATE <u>6-22-11</u>	SEC <u>15</u>	TWP <u>29S</u>	RANGE <u>8W</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 AM</u>	JOB FINISH <u>7:30 AM</u>
LEASE <u>Westerfield</u> # <u>1</u>			LOCATION <u>Belmont, KS.</u>		COUNTY <u>Kingman</u>	STATE <u>KS.</u>	
OLD OR NEW (Circle one)			North edge 2E 5/5				

CONTRACTOR Pickwell #1

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D.

CASING SIZE 8 5/8 DEPTH 270'

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 200 MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 16 1/2 Bbls Freshwater

OWNER Novi Oil + Gas

CEMENT AMOUNT ORDERED 200 sx Class A + 38.00 + 21.60 C

COMMON <u>A</u>	<u>200 SX</u>	@ <u>16.25</u>	<u>3250.00</u>
POZMIX		@	
GEL	<u>4 SX</u>	@ <u>21.25</u>	<u>85.00</u>
CHLORIDE	<u>7 SX</u>	@ <u>58.20</u>	<u>407.40</u>
ASC		@	
<u>Sugar</u>	<u>50#</u>	@ <u>1.27</u>	<u>63.50</u>
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>211</u>	@ <u>2.25</u>	<u>474.75</u>
MILEAGE	<u>214 40/-11</u>		<u>928.40</u>
			TOTAL <u>5209.05</u>

EQUIPMENT

PUMP TRUCK CEMENTER Carl Babling

# 352 HELPER Dave Felio

BULK TRUCK

# 6B DRIVER

BULK TRUCK

# DRIVER

### REMARKS:

Run 270' 8 5/8 casing  
Break circulation w/ Pig  
Mix 200 sx class A + 38.00 + 21.60 C  
Displace with 16 1/2 Bbls water.  
leave 15' cement in casing  
+ shut in.

CHARGE TO: Novi Oil + Gas

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### SERVICE

DEPTH OF JOB	<u>270.</u>		
PUMP TRUCK CHARGE			<u>1125.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>80</u>	@ <u>7.00</u>	<u>560.00</u>
MANIFOLD		@	
<u>Light Vehicle</u>	<u>80</u>	@ <u>4.00</u>	<u>320.00</u>
		@	
			TOTAL <u>2005.00</u>

### PLUG & FLOAT EQUIPMENT

<u>1-wooden plug</u>	@	<u>X</u>
	@	
	@	
	@	
	@	
TOTAL _____		

To Allied Cementing Co., LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Mike Kern

SIGNATURE Mike Kern

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 7214.05

DISCOUNT 20% IF PAID IN 30 DAYS

NET 5771.24



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Novy Oil & Gas INC  
125 N Market STE 1230  
Wichita KS 67202  
ATTN: Michael Novy

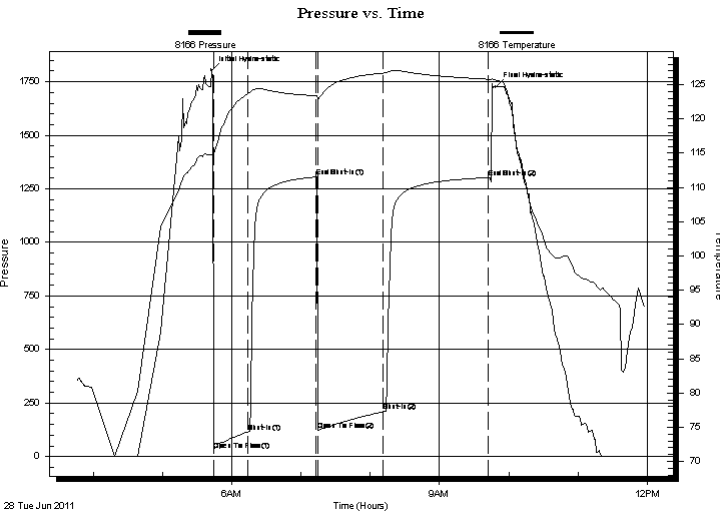
**Ravenstein #1**  
**15-29s-6w**  
Job Ticket: 37499      **DST#: 1**  
Test Start: 2011.06.28 @ 03:46:29

## GENERAL INFORMATION:

Formation: **Swope**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 05:44:44  
Time Test Ended: 11:57:59  
**Interval: 3635.00 ft (KB) To 3650.00 ft (KB) (TVD)**  
Total Depth: 3650.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Chris Staats  
Unit No: 34  
Reference Elevations: 1528.00 ft (KB)  
1518.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8166      Outside**  
Press @ Run Depth: 210.37 psig @ 3636.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.06.28      End Date: 2011.06.28      Last Calib.: 2011.06.28  
Start Time: 03:46:34      End Time: 11:57:58      Time On Btm: 2011.06.28 @ 05:42:44  
Time Off Btm: 2011.06.28 @ 09:48:44

**TEST COMMENT:** IF: Strong blow BOB 10 min  
IS: Weak blow back  
FF: Strong blow BOB 6min  
FS: Weak blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1802.65	114.85	Initial Hydro-static
2	31.64	114.93	Open To Flow (1)
31	114.68	123.67	Shut-In(1)
90	1304.76	123.38	End Shut-In(1)
92	124.99	122.92	Open To Flow (2)
149	210.37	126.69	Shut-In(2)
240	1302.70	125.80	End Shut-In(2)
246	1726.57	125.66	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
93.00	MWOG 5% mud 15% water 35% oil 45% gas	0.46
357.00	M,W 5% mud 95% water	4.73
0.00	2232' GIP	0.00

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Novy Oil & Gas INC

**Ravenstein #1**

125 N Market STE 1230  
Wichita KS 67202

**15-29s-6w**

Job Ticket: 37499

**DST#: 1**

ATTN: Michael Novy

Test Start: 2011.06.28 @ 03:46:29

## 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: 68.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
93.00	MVOG 5% mud 15% water 35% oil 45% gas	0.457
357.00	M,W 5% mud 95% water	4.734
0.00	2232' GIP	0.000

Total Length: 450.00 ft

Total Volume: 5.191 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

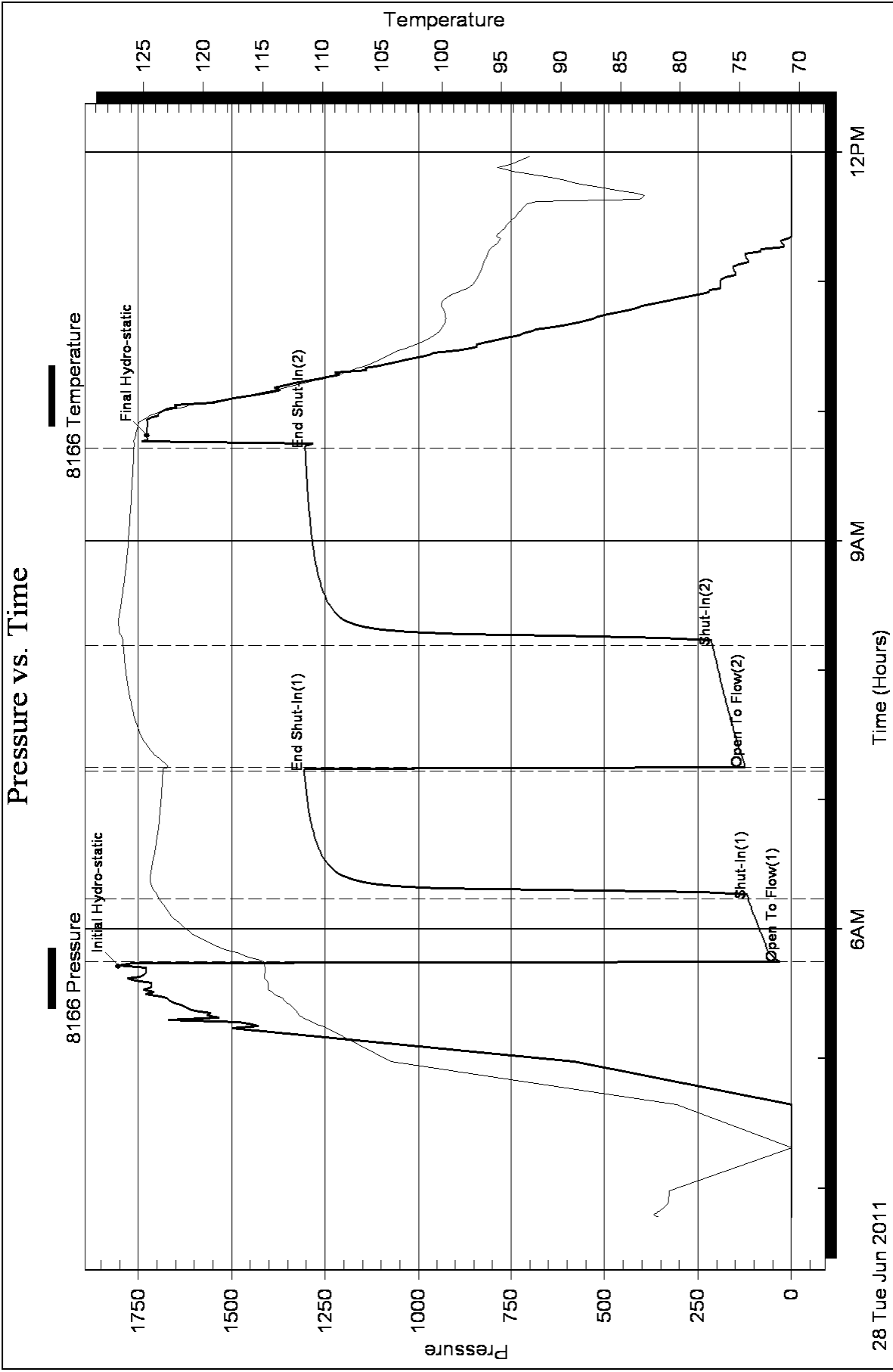
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Novy Oil & Gas INC  
125 N Market STE 1230  
Wichita KS 67202  
ATTN: Michael Novy

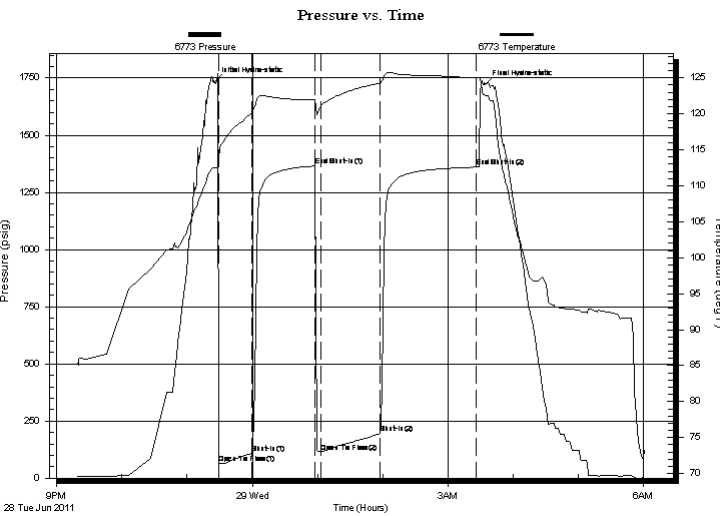
**Ravenstein #1**  
**15-29s-6w**  
Job Ticket: 37500      **DST#: 2**  
Test Start: 2011.06.28 @ 21:19:01

## GENERAL INFORMATION:

Formation: **Hertha**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 23:29:16  
Time Test Ended: 06:01:46  
**Interval: 3671.00 ft (KB) To 3690.00 ft (KB) (TVD)**  
Total Depth: 3690.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Chris Staats  
Unit No: 34  
Reference Elevations: 1528.00 ft (KB)  
1518.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 6773      Outside**  
Press @ Run Depth: 194.65 psig @ 3672.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.06.28      End Date: 2011.06.29      Last Calib.: 2011.06.29  
Start Time: 21:19:06      End Time: 06:01:46      Time On Btm: 2011.06.28 @ 23:25:01  
Time Off Btm: 2011.06.29 @ 03:34:16

**TEST COMMENT:** IF: Strong blow BOB 1 min  
IS: Weak blow back  
FF: Strong blow BOB 10 sec GTS 5 min  
FS: Weak blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1732.37	112.54	Initial Hydro-static
5	64.21	113.63	Open To Flow (1)
35	109.59	120.11	Shut-In(1)
93	1365.39	121.94	End Shut-In(1)
99	114.90	121.04	Open To Flow (2)
153	194.65	124.28	Shut-In(2)
242	1360.51	124.98	End Shut-In(2)
250	1722.44	122.58	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	3676' GIP	0.00
496.00	G,O 3' Water on tool 30% gas 70% oil	5.84

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Novy Oil & Gas INC

**Ravenstein #1**

125 N Market STE 1230  
Wichita KS 67202

**15-29s-6w**

Job Ticket: 37500

**DST#: 2**

ATTN: Michael Novy

Test Start: 2011.06.28 @ 21:19:01

## 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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	3676' GIP	0.000
496.00	G,O 3' Water on tool 30% gas 70% oil	5.837

Total Length: 496.00 ft      Total Volume: 5.837 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

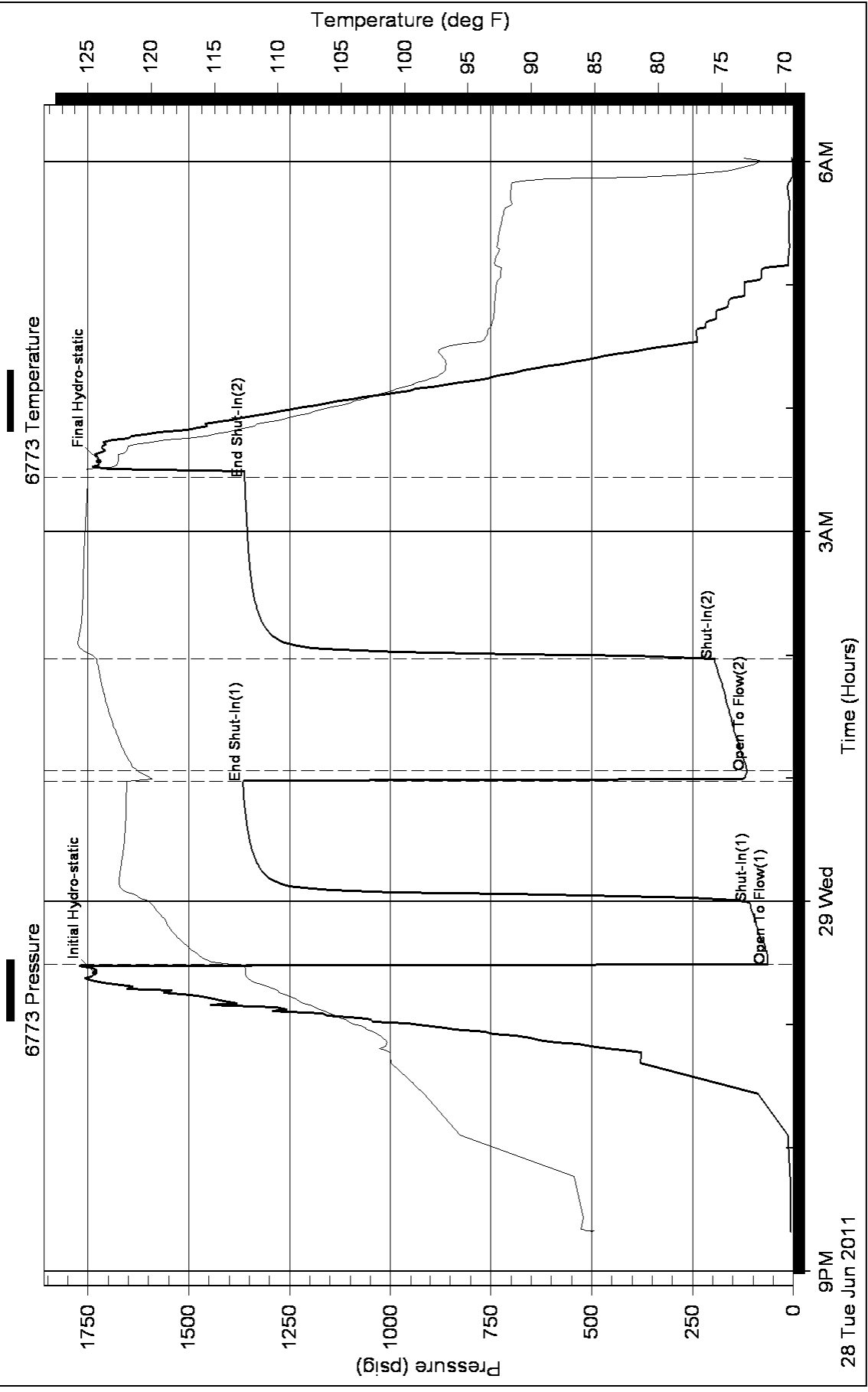
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Novy Oil & Gas INC  
125 N Market STE 1230  
Wichita KS 67202  
ATTN: Michael Novy

**Ravenstein #1**  
**15-29s-6w**  
Job Ticket: 42526      **DST#: 3**  
Test Start: 2011.06.30 @ 12:24:35

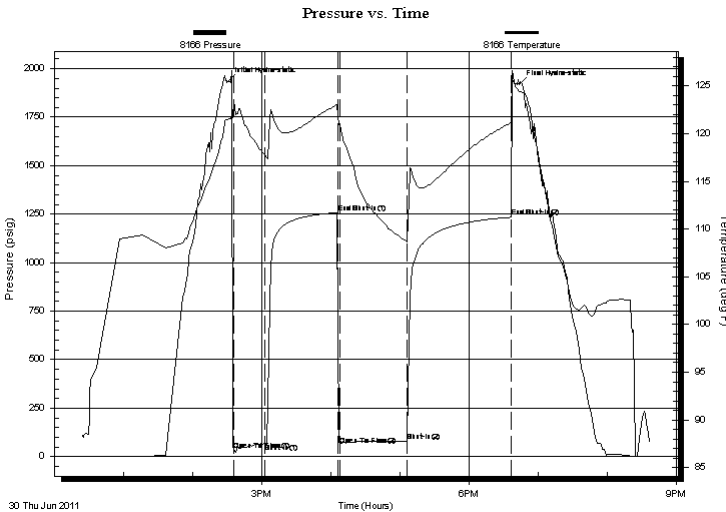
## GENERAL INFORMATION:

Formation: **Mississippi**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 14:35:50  
Time Test Ended: 20:36:50  
**Interval: 4047.00 ft (KB) To 4056.00 ft (KB) (TVD)**  
Total Depth: 3650.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Chris Staats  
Unit No: 34  
Reference Elevations: 1528.00 ft (KB)  
1518.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8166      Outside**  
Press @ Run Depth: 79.82 psig @ 4048.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.06.30      End Date: 2011.06.30      Last Calib.: 2011.06.30  
Start Time: 12:24:40      End Time: 20:36:49      Time On Btm: 2011.06.30 @ 14:30:35  
Time Off Btm: 2011.06.30 @ 18:43:50

**TEST COMMENT:** IF: Strong blow BOB 10 sec GTS 10 min [ see gas report ]  
IS: No blow back  
FF: Strong blow BOB 2 sec { see gas flow report}  
FSI No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1932.12	121.49	Initial Hydro-static
6	33.13	123.37	Open To Flow (1)
33	68.59	117.73	Shut-In(1)
96	1257.84	123.06	End Shut-In(1)
97	58.01	121.05	Open To Flow (2)
156	79.82	108.68	Shut-In(2)
246	1234.06	121.16	End Shut-In(2)
254	1919.01	124.42	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	4019 GIP	0.00
140.00	M,W 20% mud 80% water	0.84

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	3.00	27.60
Last Gas Rate	0.25	21.00	56.16
Max. Gas Rate	0.25	24.00	60.92



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Novy Oil & Gas INC

**Ravenstein #1**

125 N Market STE 1230  
Wichita KS 67202

**15-29s-6w**

Job Ticket: 42526

**DST#: 3**

ATTN: Michael Novy

Test Start: 2011.06.30 @ 12:24:35

## 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:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.18 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	4019 GIP	0.000
140.00	M,W 20% mud 80% water	0.843

Total Length: 140.00 ft

Total Volume: 0.843 bbl

Num Fluid Samples: 1

Num Gas Bombs: 1

Serial #: 3

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**GAS RATES**

Novy Oil & Gas INC

**Ravenstein #1**

125 N Market STE 1230  
Wichita KS 67202

**15-29s-6w**

Job Ticket: 42526

**DST#: 3**

ATTN: Michael Novy

Test Start: 2011.06.30 @ 12:24:35

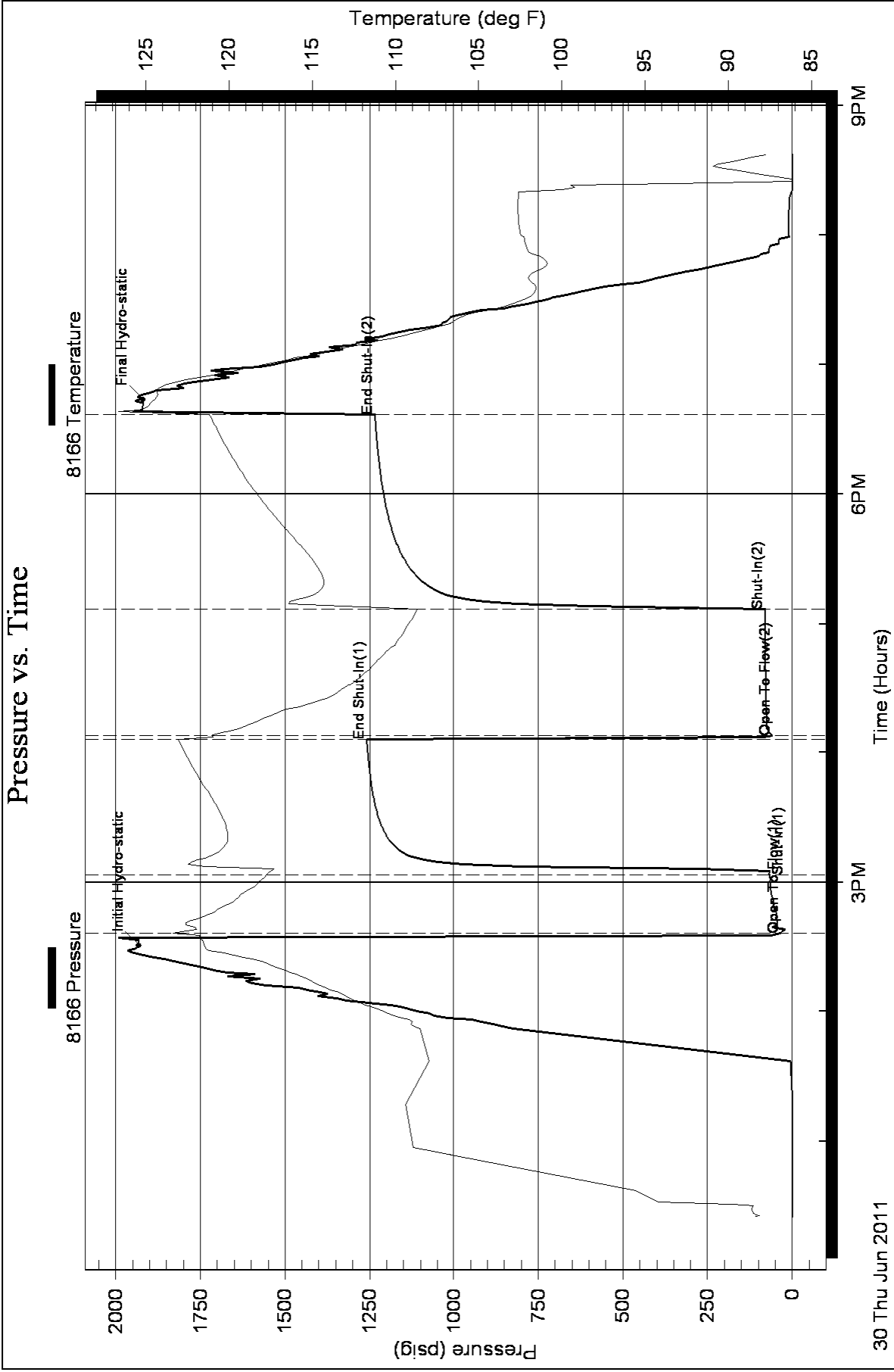
### Gas Rates Information

Temperature: 59 deg C  
Relative Density: 0.65  
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m <sup>3</sup> /d)
1	15	0.25	3.00	27.60
1	20	0.25	10.00	38.71
1	30	0.25	16.00	48.23
2	5	0.25	24.00	60.92
2	15	0.25	20.00	54.57
2	30	0.25	21.00	56.16
2	45	0.25	21.00	56.16
2	60	0.25	21.00	56.16

### Pressure vs. Time



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Ward Loyd, Commissioner  
Thomas E. Wright, Commissioner

Sam Brownback, Governor

August 01, 2011

Michael Novy  
Novy Oil & Gas, Inc.  
125 N MARKET STE 1230  
WICHITA, KS 67202-1712

Re: ACO1  
API 15-095-22222-00-00  
Ravenstein 1  
NE/4 Sec.15-29S-06W  
Kingman County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Michael Novy