



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1103961
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical 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

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



1103961

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

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

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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 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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

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	Falcon Exploration, Inc.
Well Name	RCJ 1-34(NW)
Doc ID	1103961

All Electric Logs Run

DIL
MEL
BHCS
CNL/CDL

Form	ACO1 - Well Completion
Operator	Falcon Exploration, Inc.
Well Name	RCJ 1-34(NW)
Doc ID	1103961

Tops

Name	Top	Datum
STOTLER	3454	-714
TARKIO	3511	-771
HEEBNER	4062	-1322
LANSING	4176	-1436
CHEROKEE	4823	-2083
MORROW	5024	-2284
CHESTER	5056	-2316
ST GEN	5134	-2394
ST LOUIS	5228	-2488

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
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

December 06, 2012

CYNDE WOLF
Falcon Exploration, Inc.
125 N MARKET STE 1252
WICHITA, KS 67202-1719

Re: ACO1
API 15-069-20389-00-00
RCJ 1-34(NW)
NW/4 Sec.34-28S-30W
Gray 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,
CYNDE WOLF



DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Incorporated**

125 North Market
Suite 1252
Wichita, Kansas 67202+1719

ATTN: Keith Reavis

RCJ #1-34

34/28S/30W/Gray

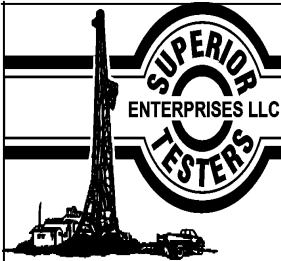
Start Date: 2012.08.27 @ 10:16:00

End Date: 2012.08.27 @ 19:39:30

Job Ticket #: 17673 DST #: 1

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

Printed: 2012.08.27 @ 22:01:45



DRILL STEM TEST REPORT

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17673

DST#: 1

Test Start: 2012.08.27 @ 10:16:00

GENERAL INFORMATION:

Formation: **Tarkio**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:39:00

Time Test Ended: 19:39:30

Test Type: Conventional Straddle (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/240

Interval: 3515.00 ft (KB) To 3532.00 ft (KB) (TVD)

Reference Elevations: 2740.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

2727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6999

Press @ RunDepth: 243.16 psia @ 3526.65 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.08.27

End Date: 2012.08.27

Last Calib.: 2012.08.27

Start Time: 10:16:00

End Time: 19:39:30

Time On Btm: 2012.08.27 @ 12:34:00

Time Off Btm: 2012.08.27 @ 17:26:30

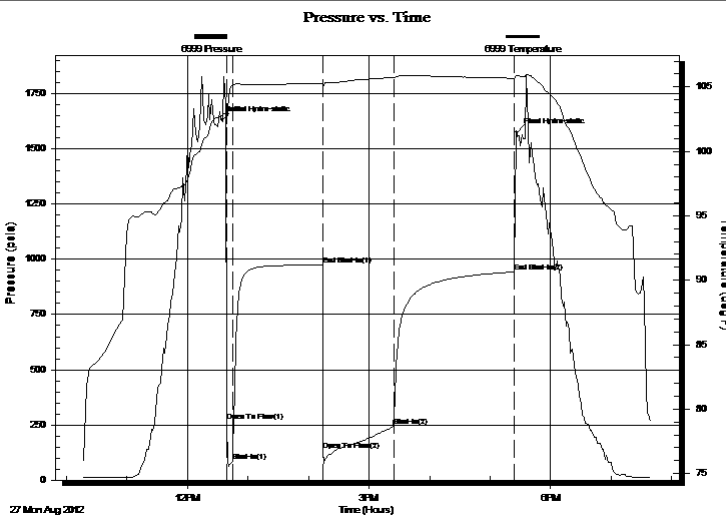
TEST COMMENT: 1ST Open 5 Minutes/Strong blow/Blow to bottom of bucket in 45 seconds

1ST Shut In 90 Minutes/No blow back

2ND Open 70 Minutes/Strong blow/Blow to bottom of bucket in 15 seconds/Gas to surface in 8 minutes

2ND Shut In 120 Minutes/No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1630.43	102.78	Initial Hydro-static
5	265.37	102.11	Open To Flow (1)
11	87.12	105.15	Shut-In(1)
100	975.88	105.28	End Shut-In(1)
101	136.83	105.05	Open To Flow (2)
171	243.16	105.72	Shut-In(2)
290	943.01	105.67	End Shut-In(2)
293	1576.18	105.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Watery Mud/ water 15% mud 85%	0.44
420.00	Muddy Water/ Mud 10% Water 90%	3.71
0.00	Recovery Chlorides 108,000 ppm	0.00
0.00	Recov. Resis. .08 ohms @ 79 deg.	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.38	4.23	15.51
Last Gas Rate	0.38	5.98	21.91
Max. Gas Rate	0.38	6.58	24.10



DRILL STEM TEST REPORT

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17673

DST#: 1

Test Start: 2012.08.27 @ 10:16:00

GENERAL INFORMATION:

Formation: **Tarkio**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:39:00

Time Test Ended: 19:39:30

Test Type: Conventional Straddle (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/240

Interval: 3515.00 ft (KB) To 3532.00 ft (KB) (TVD)

Reference Elevations: 2740.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

2727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6651

Press @ RunDepth: 943.90 psia @ 3526.65 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.08.27

End Date: 2012.08.27

Last Calib.: 2012.08.27

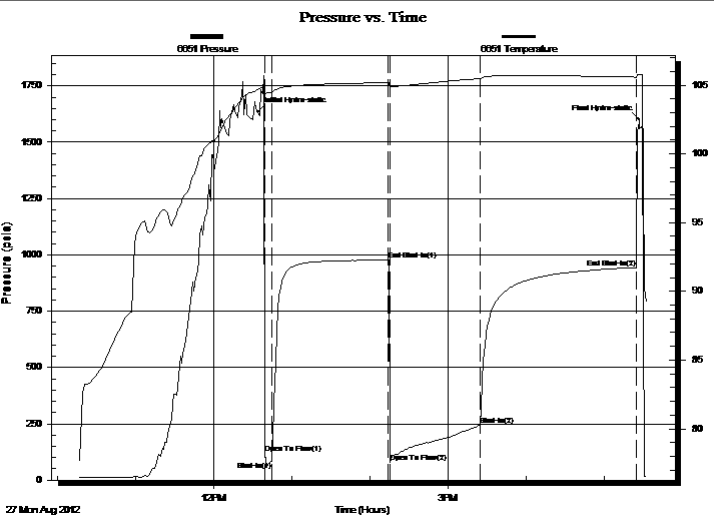
Start Time: 10:16:00

End Time: 17:33:16

Time On Btm: 2012.08.27 @ 12:34:00

Time Off Btm: 2012.08.27 @ 17:27:00

TEST COMMENT: 1ST Open 5 Minutes/Strong blow /Blow to bottom of bucket in 45 seconds
 1ST Shut In 90 Minutes/No blow back
 2ND Open 70 Minutes/Strong blow /Blow to bottom of bucket in 15 seconds/Gas to surface in 8 minutes
 2ND Shut In 120 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1634.01	104.70	Initial Hydro-static
6	118.03	104.34	Open To Flow (1)
11	82.88	104.48	Shut-In(1)
100	977.10	105.18	End Shut-In(1)
102	80.96	104.93	Open To Flow (2)
171	243.16	105.47	Shut-In(2)
291	943.90	105.59	End Shut-In(2)
293	1601.34	105.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Watery Mud/ water 15% mud 85%	0.44
420.00	Muddy Water/ Mud 10% Water 90%	3.71
0.00	Recovery Chlorides 108,000 ppm	0.00
0.00	Recov. Resis. .08 ohms @ 79 deg.	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.38	4.23	15.51
Last Gas Rate	0.38	5.98	21.91
Max. Gas Rate	0.38	6.58	24.10



DRILL STEM TEST REPORT

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17673

DST#: 1

Test Start: 2012.08.27 @ 10:16:00

GENERAL INFORMATION:

Formation: **Tarkio**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:39:00

Time Test Ended: 19:39:30

Test Type: Conventional Straddle (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/240

Interval: 3515.00 ft (KB) To 3532.00 ft (KB) (TVD)

Reference Elevations: 2740.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

2727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6749

Press @ Run Depth: 957.61 psia @ 3555.65 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.08.27

End Date: 2012.08.27

Last Calib.: 2012.08.27

Start Time: 10:16:00

End Time: 19:32:30

Time On Btm: 2012.08.27 @ 12:32:30

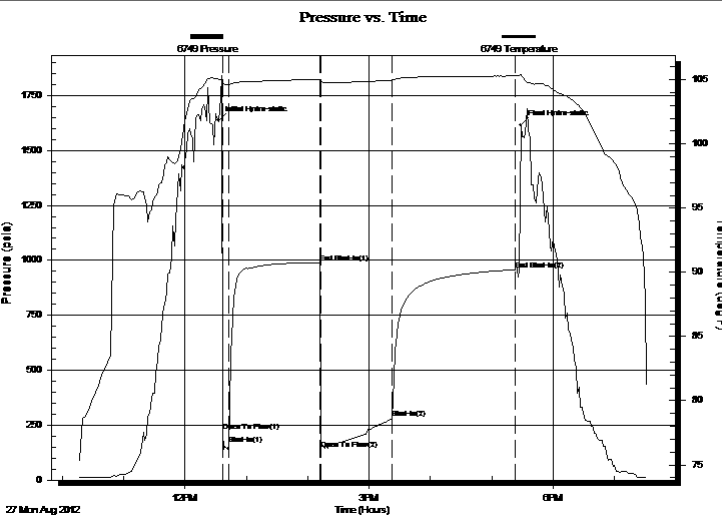
Time Off Btm: 2012.08.27 @ 17:28:30

TEST COMMENT: 1ST Open 5 Minutes/Strong blow /Blow to bottom of bucket in 45 seconds

1ST Shut In 90 Minutes/No blow back

2ND Open 70 Minutes/Strong blow /Blow to bottom of bucket in 15 seconds/Gas to surface in 8 minutes

2ND Shut In 120 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1637.36	105.05	Initial Hydro-static
5	222.20	104.63	Open To Flow (1)
10	165.02	104.60	Shut-In(1)
99	989.88	105.02	End Shut-In(1)
101	138.91	104.83	Open To Flow (2)
171	282.51	104.96	Shut-In(2)
291	957.61	105.30	End Shut-In(2)
297	1616.20	105.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	Watery Mud/ water 15% mud 85%	0.44
420.00	Muddy Water/ Mud 10% Water 90%	3.71
0.00	Recovery Chlorides 108,000 ppm	0.00
0.00	Recov. Resis. .08 ohms @ 79 deg.	0.00

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.38	4.23	15.51
Last Gas Rate	0.38	5.98	21.91
Max. Gas Rate	0.38	6.58	24.10



DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17673

DST#: 1

Test Start: 2012.08.27 @ 10:16:00

Tool Information

Drill Pipe:	Length: 3173.00 ft	Diameter: 3.80 inches	Volume: 44.51 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 330.00 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 46.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	3515.00 ft			Final 78000.00 lb
Depth to Bottom Packer:	3526.65 ft			
Interval between Packers:	11.65 ft			
Tool Length:	65.65 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut In tool	5.00		Fluid	3498.00	
Hydraulic Tool	5.00			3503.00	
Jars	5.00			3508.00	
safety Joint	2.00			3510.00	
Packer	5.00		Inside	3515.00	22.00 Bottom Of Top Packer
Handling Sub	5.00			3520.00	
Perforations	6.00			3526.00	
Blank Off Sub	0.65			3526.65	
Recorder	0.00	6651		3526.65	
Recorder	0.00	6999		3526.65	
Packer	5.00			3531.65	11.65 Tool Interval
Packer	5.00			3536.65	
Perforations	19.00			3555.65	
Recorder	0.00	6749		3555.65	
Bullnose	3.00			3558.65	32.00 Bottom Packers & Anchor

Total Tool Length: 65.65



DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17673

DST#: 1

Test Start: 2012.08.27 @ 10:16:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 79.00 sec/qt
Water Loss: 7.99 in³
Resistivity: 3000.00 ohm.m
Salinity: ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psia

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
90.00	Watery Mud/ water 15% mud 85%	0.443
420.00	Muddy Water/ Mud 10% Water 90%	3.705
0.00	Recovery Chlorides 108,000 ppm	0.000
0.00	Recov. Resis. .08 ohms @ 79 deg.	0.000

Total Length: 510.00 ft Total Volume: 4.148 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17673

DST#: 1

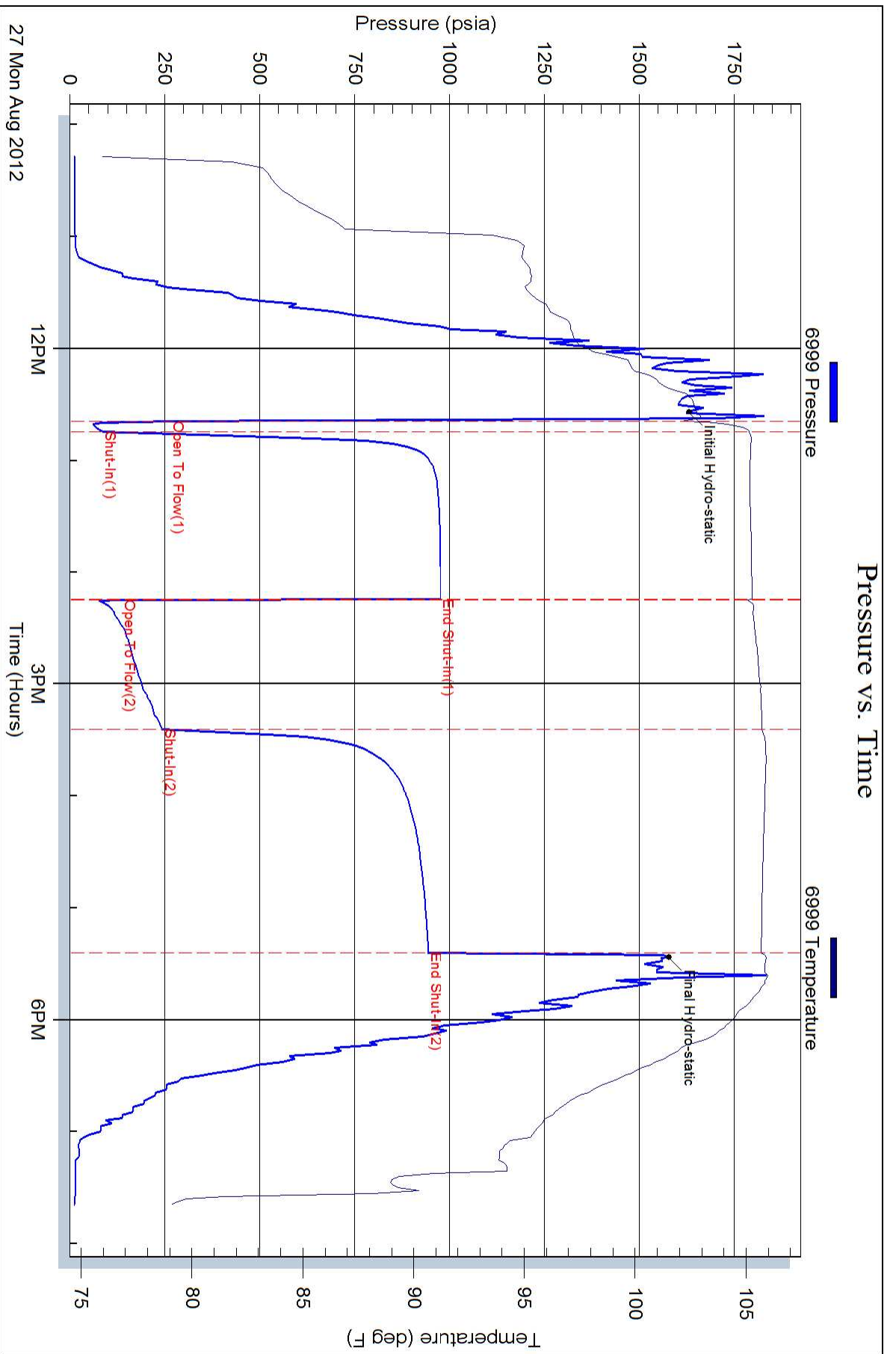
Test Start: 2012.08.27 @ 10:16:00

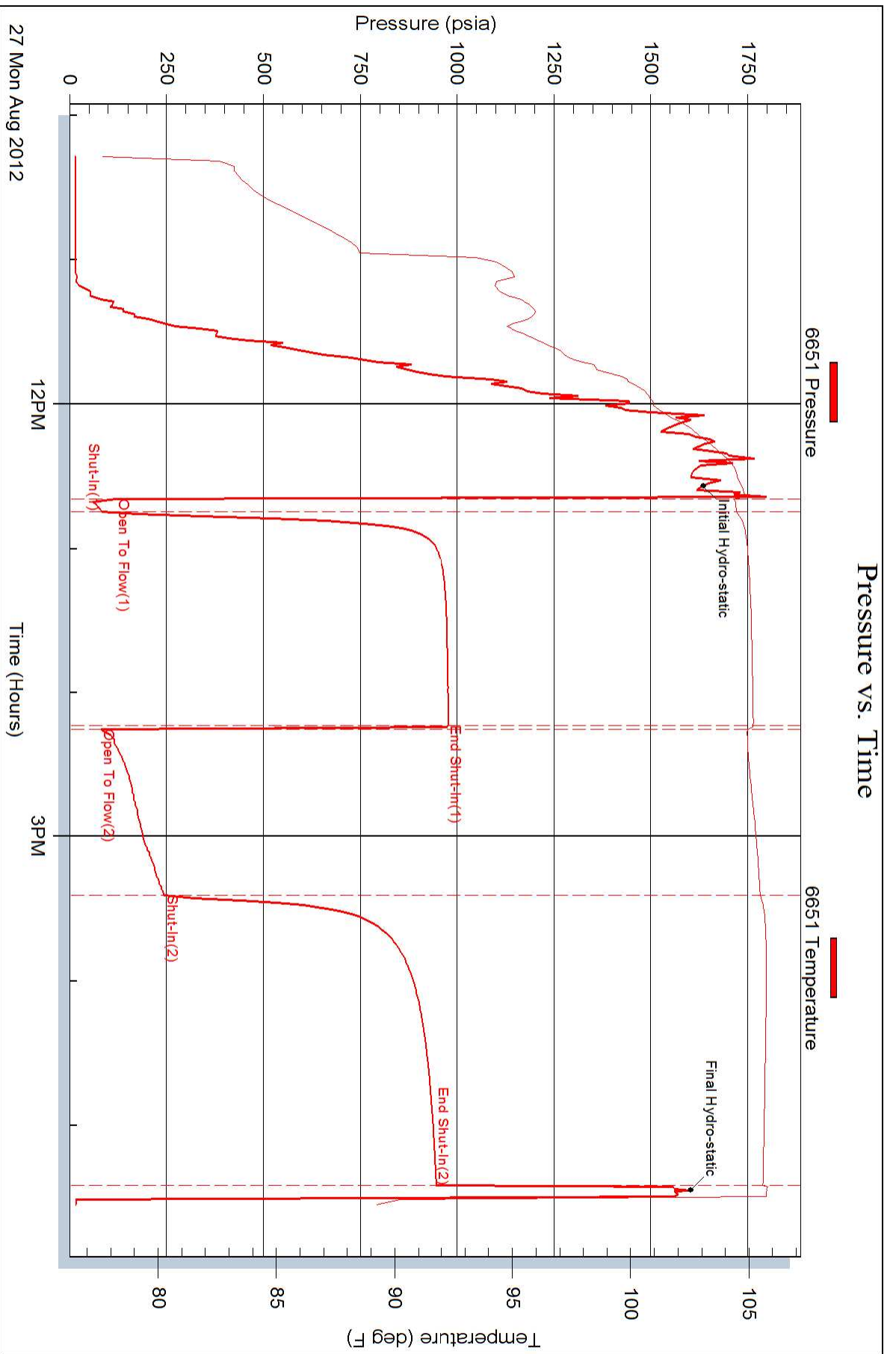
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

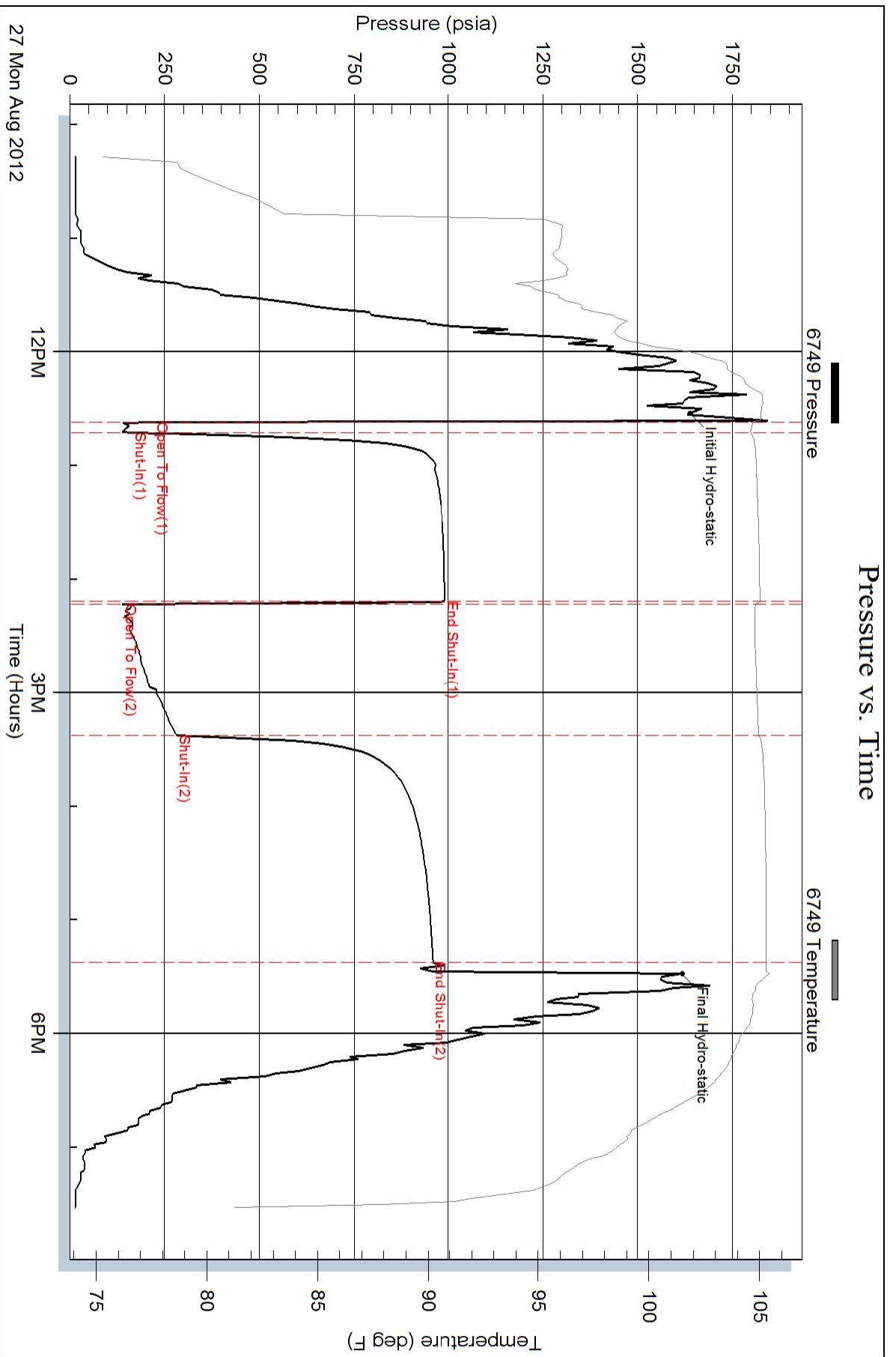
Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
2	10	0.38	4.23	15.51
2	20	0.38	6.58	24.10
2	30	0.38	6.58	24.10
2	40	0.38	6.44	23.60
2	50	0.38	6.14	22.50
2	60	0.38	5.98	21.91
2	70	0.38	5.98	21.91





Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Incorporated**

125 North Market
Suite 1252
Wichita, Kansas 67202+1719

ATTN: Keith Reavis

RCJ #1-34

34/28S/30W/Gray

Start Date: 2012.08.27 @ 20:20:00

End Date: 2012.08.28 @ 04:25:30

Job Ticket #: 17674 DST #: 2

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

Printed: 2012.08.28 @ 04:43:50



DRILL STEM TEST REPORT

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17674

DST#: 2

Test Start: 2012.08.27 @ 20:20:00

GENERAL INFORMATION:

Formation: **Stotler**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:29:30

Time Test Ended: 04:25:30

Test Type: Conventional Straddle (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/240

Interval: 3420.00 ft (KB) To 3515.00 ft (KB) (TVD)

Reference Elevations: 2740.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

2727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6999

Press @ RunDepth: 163.29 psia @ 3508.31 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.08.27

End Date: 2012.08.28

Last Calib.: 2012.08.28

Start Time: 20:20:00

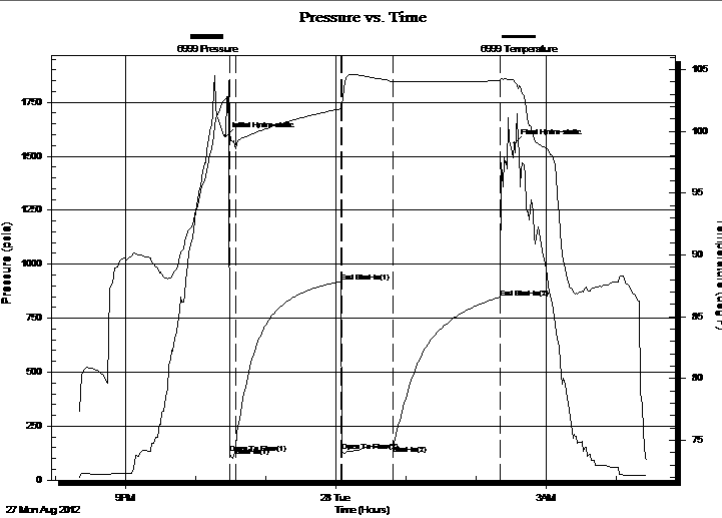
End Time: 04:25:30

Time On Btm: 2012.08.27 @ 22:25:30

Time Off Btm: 2012.08.28 @ 02:32:30

TEST COMMENT:

1ST Open 5 Minutes/Strong blow /Blow built to bottom of bucket in 1 1/2 minutes
 1ST Shut In 90 Minutes/No blow back
 2ND Open 45 Minutes/Strong blow /Blow to bottom of bucket in 40 seconds/After pressure bleed blow slow ed
 2ND Shut In 90 Minutes/Blow back built to 1 inch



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1591.87	102.64	Initial Hydro-static
4	126.06	99.97	Open To Flow (1)
9	150.70	98.58	Shut-In(1)
99	920.09	101.84	End Shut-In(1)
100	133.77	102.16	Open To Flow (2)
144	163.29	104.04	Shut-In(2)
235	843.33	104.09	End Shut-In(2)
248	1558.98	104.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Mud 100%	1.18

Gas Rates

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



DRILL STEM TEST REPORT

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17674

DST#: 2

Test Start: 2012.08.27 @ 20:20:00

GENERAL INFORMATION:

Formation: **Stotler**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:29:30

Time Test Ended: 04:25:30

Test Type: Conventional Straddle (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/240

Interval: 3420.00 ft (KB) To 3515.00 ft (KB) (TVD)

Reference Elevations: 2740.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

2727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6749 Below

Press @ RunDepth: psia @ 3556.47 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.08.27

End Date: 2012.08.28

Last Calib.: 2012.08.28

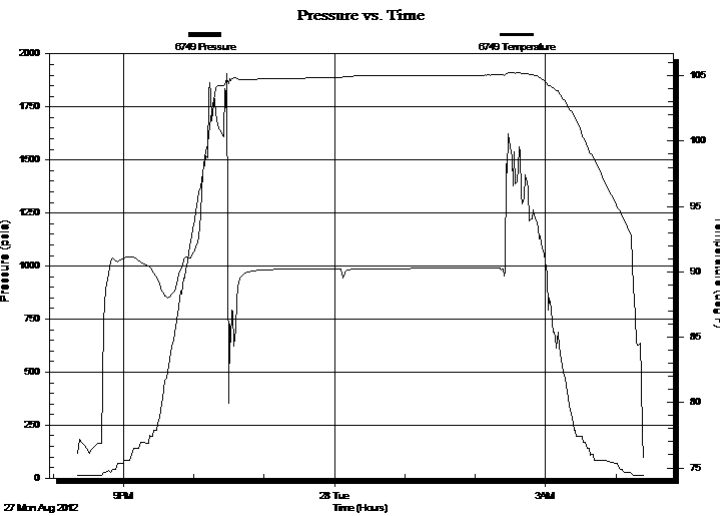
Start Time: 20:20:00

End Time: 04:24:30

Time On Btm:

Time Off Btm:

TEST COMMENT: 1ST Open 5 Minutes/Strong blow /Blow built to bottom of bucket in 1 1/2 minutes
 1ST Shut In 90 Minutes/No blow back
 2ND Open 45 Minutes/Strong blow /Blow to bottom of bucket in 40 seconds/After pressure bleed blow slow ed
 2ND Shut In 90 Minutes/Blow back built to 1 inch



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Mud 100%	1.18

Gas Rates

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



DRILL STEM TEST REPORT

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17674

DST#: 2

Test Start: 2012.08.27 @ 20:20:00

GENERAL INFORMATION:

Formation: **Stotler**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:29:30

Time Test Ended: 04:25:30

Test Type: Conventional Straddle (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/240

Interval: 3420.00 ft (KB) To 3515.00 ft (KB) (TVD)

Reference Elevations: 2740.00 ft (KB)

Total Depth: 3560.00 ft (KB) (TVD)

2727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6651

Press @ RunDepth: 856.99 psia @ 3508.31 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.08.27

End Date: 2012.08.28

Last Calib.: 2012.08.28

Start Time: 20:20:00

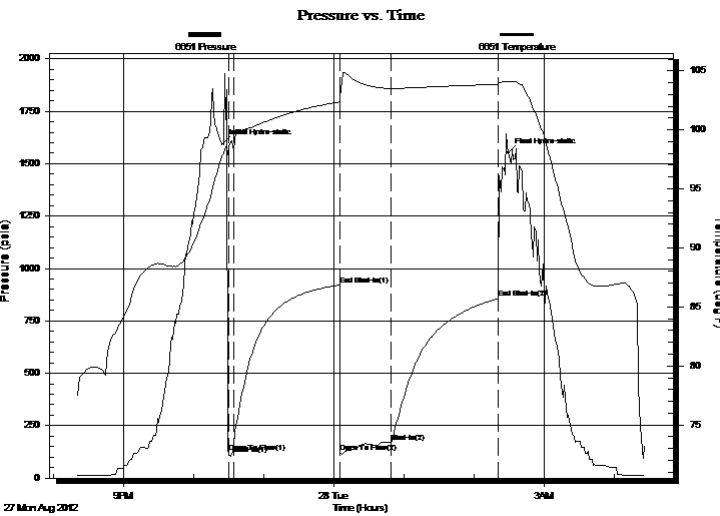
End Time: 04:25:30

Time On Btm: 2012.08.27 @ 22:25:00

Time Off Btm: 2012.08.28 @ 02:29:00

TEST COMMENT:

1ST Open 5 Minutes/Strong blow /Blow built to bottom of bucket in 1 1/2 minutes
 1ST Shut In 90 Minutes/No blow back
 2ND Open 45 Minutes/Strong blow /Blow to bottom of bucket in 40 seconds/After pressure bleed blow slow ed
 2ND Shut In 90 Minutes/Blow back built to 1 inch



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1593.34	97.88	Initial Hydro-static
5	121.92	98.34	Open To Flow (1)
10	155.57	98.26	Shut-In(1)
100	921.18	102.36	End Shut-In(1)
101	124.86	102.86	Open To Flow (2)
144	171.38	103.48	Shut-In(2)
235	856.99	103.86	End Shut-In(2)
244	1552.05	104.09	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Mud 100%	1.18

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17674

DST#: 2

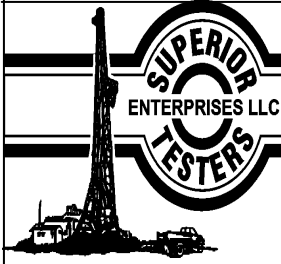
Test Start: 2012.08.27 @ 20:20:00

Tool Information

Drill Pipe:	Length: 3075.00 ft	Diameter: 3.80 inches	Volume: 43.13 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 330.00 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose: 120000.0 lb
			Total Volume: 44.75 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	7.00 ft			String Weight: Initial 74000.00 lb
Depth to Top Packer:	3420.00 ft			Final 75000.00 lb
Depth to Bottom Packer:	3508.96 ft			
Interval between Packers:	88.96 ft			
Tool Length:	161.47 ft			
Number of Packers:	3	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3403.00	
Hydraulic Tool	5.00			3408.00	
Jars	5.00			3413.00	
Safety Joint	2.00			3415.00	
Packer	5.00			3420.00	22.00 Bottom Of Top Packer
Perforations	3.00		Outside	3423.00	
Change over sub	0.64			3423.64	
Drill Pipe	64.00			3487.64	
Change over sub	0.67			3488.31	
Handling sub	5.00			3493.31	
Perforations	15.00			3508.31	
Recorder	0.00	6651		3508.31	
Recorder	0.00	6999		3508.31	
Blank Off Sub	0.65			3508.96	
Packer	5.00			3513.96	88.96 Tool Interval
Packer	5.00			3518.96	
Change over sub	0.66			3519.62	
Drill Pipe	32.06			3551.68	
Change over sub	0.79			3552.47	
Perforations	4.00			3556.47	
Recorder	0.00	6749	Below	3556.47	
Bullnose	3.00			3559.47	50.51 Bottom Packers & Anchor

Total Tool Length: 161.47



DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17674

DST#: 2

Test Start: 2012.08.27 @ 20:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 46.00 sec/qt

Water Loss: 7.99 in³

Resistivity: ohm.m

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	Mud 100%	1.180

Total Length: 240.00 ft Total Volume: 1.180 bbl

Num Fluid Samples: 0

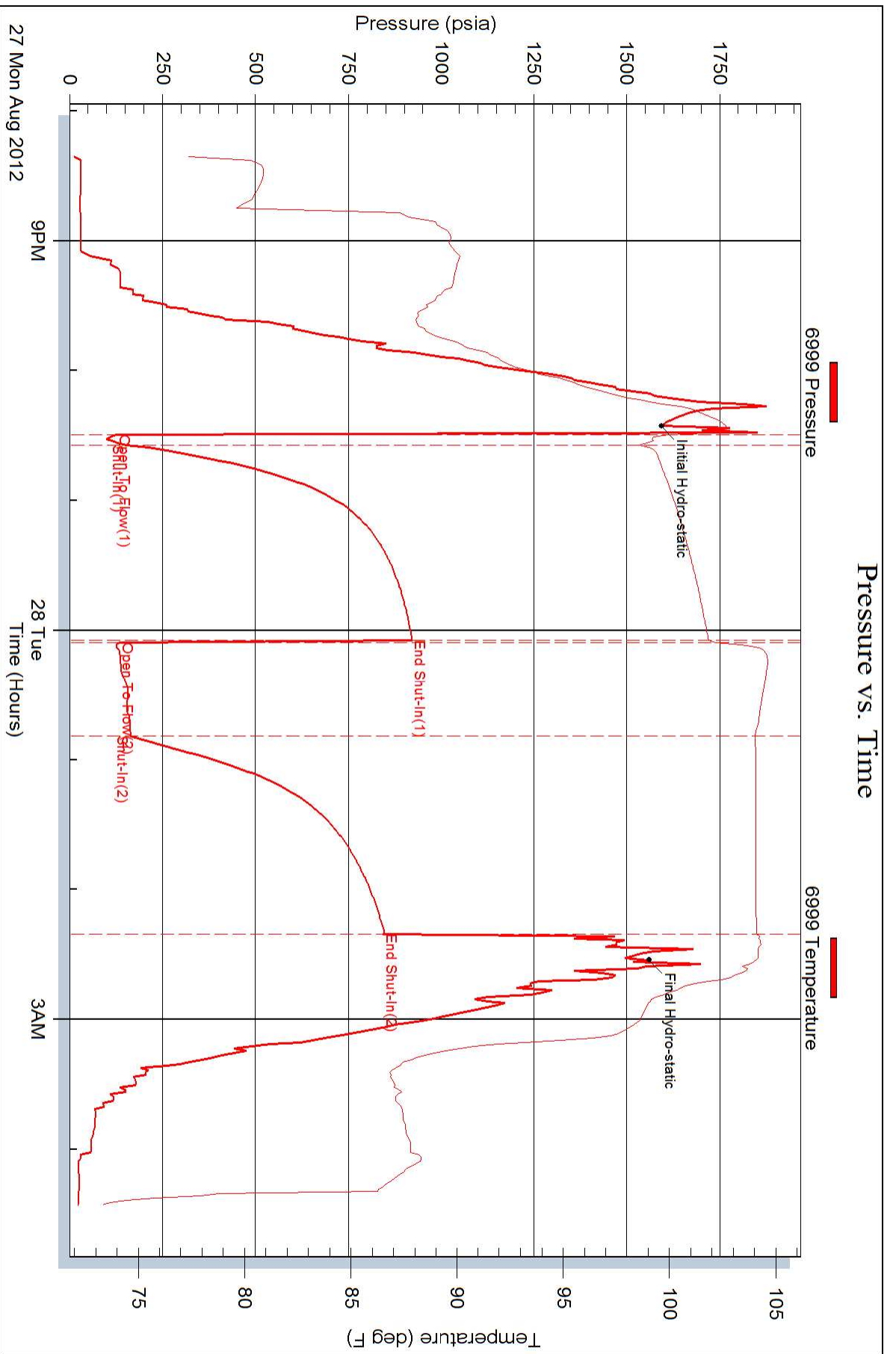
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



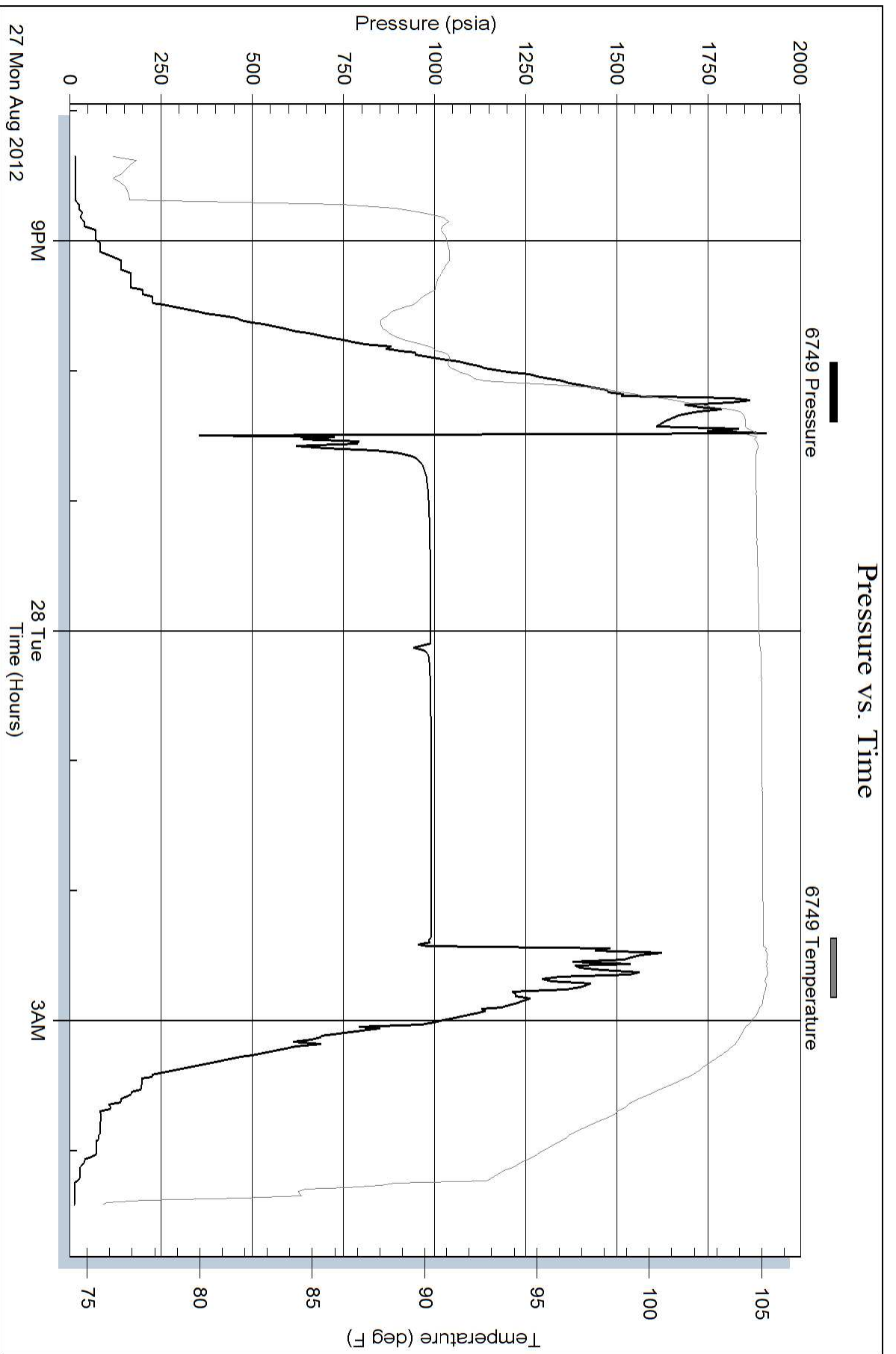
Serial #: 6749

Below

Falcon Exploration Incorporated

RCJ #1-34

DST Test Number: 2

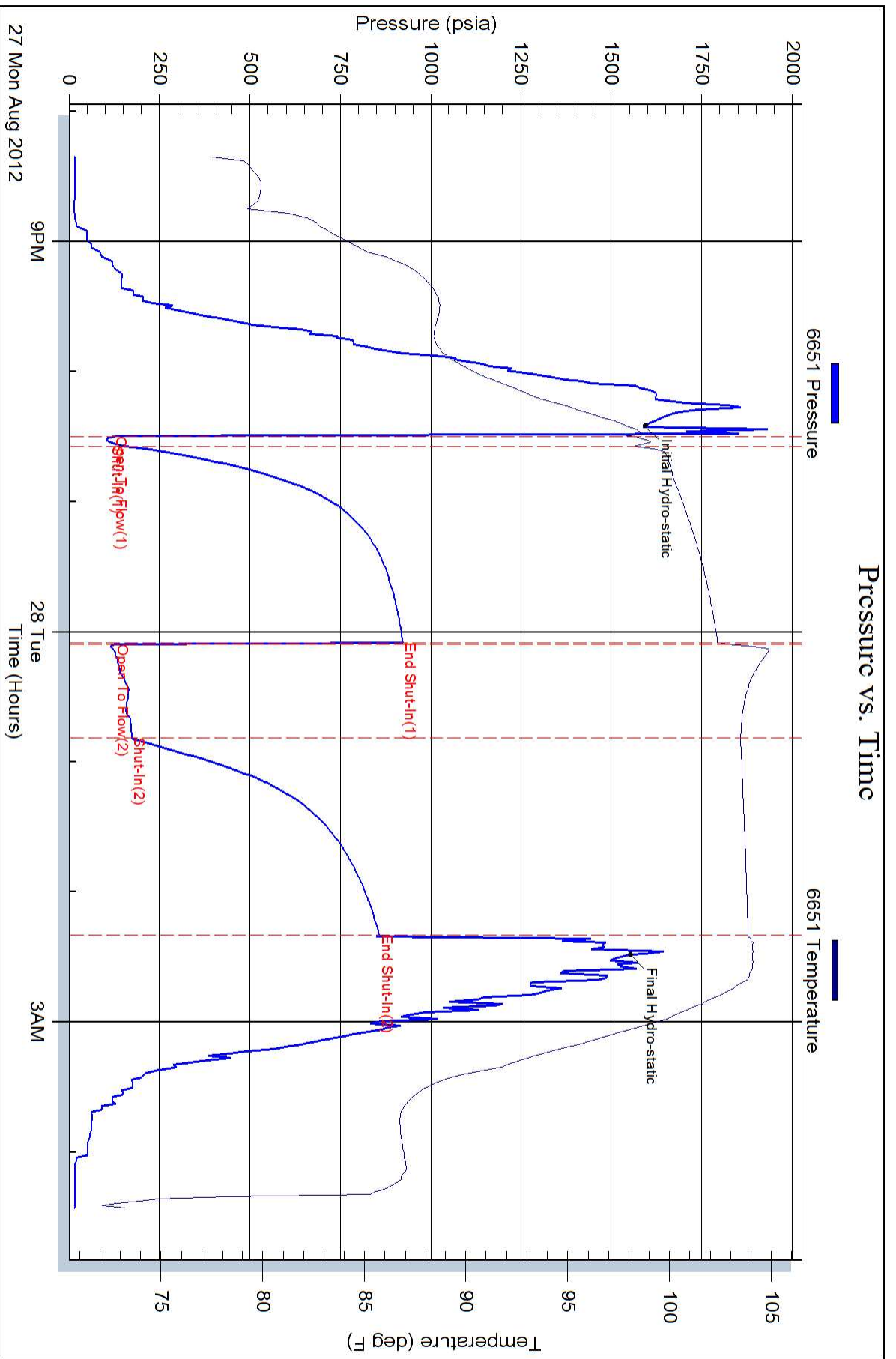


Superior Testers Enterprises LLC

Ref. No: 17674

Printed: 2012.08.28 @ 04:43:52

Pressure vs. Time





DRILL STEM TEST REPORT

Prepared For: **Falcon Exploration Incorporated**

125 North Market
Suite 1252
Wichita, Kansas 67202+1719

ATTN: Keith Reavis

RCJ #1-34

34/28S/30W/Gray

Start Date: 2012.08.30 @ 22:08:00

End Date: 2012.08.31 @ 05:32:00

Job Ticket #: 17675 DST #: 3

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

Printed: 2012.08.31 @ 05:43:40



DRILL STEM TEST REPORT

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17675

DST#: 3

Test Start: 2012.08.30 @ 22:08:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:20:30

Time Test Ended: 05:32:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/240

Interval: 4469.00 ft (KB) To 4521.00 ft (KB) (TVD)

Reference Elevations: 2740.00 ft (KB)

Total Depth: 4521.00 ft (KB) (TVD)

2727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6749 Inside

Press @ Run Depth: 110.52 psia @ 4517.35 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.08.30

End Date: 2012.08.31

Last Calib.: 2012.08.31

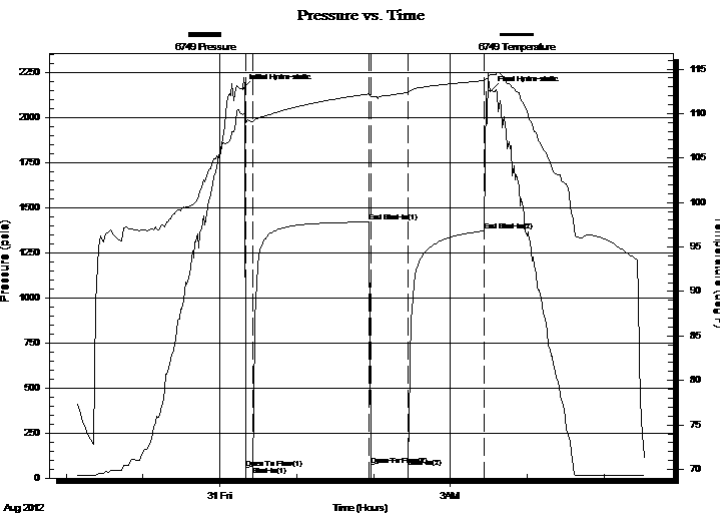
Start Time: 22:08:00

End Time: 05:32:00

Time On Btm: 2012.08.31 @ 00:18:00

Time Off Btm: 2012.08.31 @ 03:31:30

TEST COMMENT: 1ST Open 5 Minutes/Weak blow /Blow built to 1 inch in bucket of w ater
 1ST Shut In 90 Minutes/No blow back
 2ND Open 30 Minutes/No blow /Flush tool/Weak blow built to 1 inch in bucket of w ater
 2ND Shut In 60 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2157.74	109.87	Initial Hydro-static
3	55.58	108.92	Open To Flow (1)
8	65.80	109.09	Shut-In(1)
99	1419.94	112.22	End Shut-In(1)
100	71.96	111.92	Open To Flow (2)
129	110.52	112.36	Shut-In(2)
189	1370.18	113.70	End Shut-In(2)
194	2146.77	114.34	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud 100%	0.59

Gas Rates

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



DRILL STEM TEST REPORT

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17675

DST#: 3

Test Start: 2012.08.30 @ 22:08:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:20:30

Time Test Ended: 05:32:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Ken Swinney

Unit No: 3325 Great Bend/240

Interval: 4469.00 ft (KB) To 4521.00 ft (KB) (TVD)

Reference Elevations: 2740.00 ft (KB)

Total Depth: 4521.00 ft (KB) (TVD)

2727.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 13.00 ft

Serial #: 6999 Outside

Press @ RunDepth: 1365.23 psia @ 4518.35 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.08.30

End Date: 2012.08.31

Last Calib.: 2012.08.31

Start Time: 22:08:00

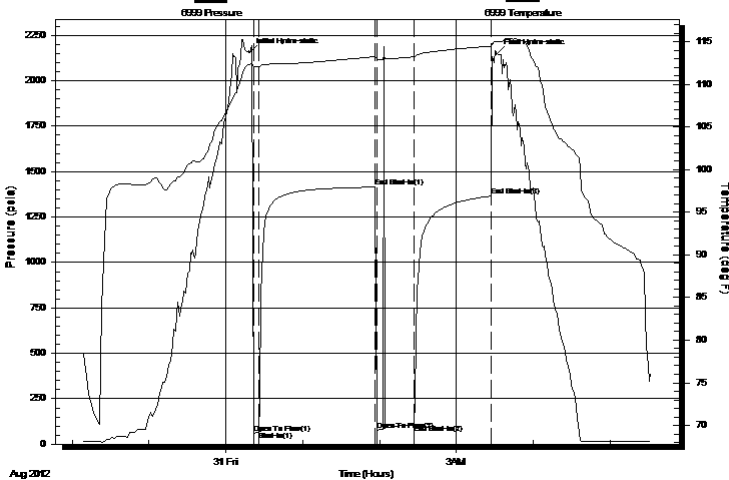
End Time: 05:32:00

Time On Btm: 2012.08.31 @ 00:18:30

Time Off Btm: 2012.08.31 @ 03:31:30

TEST COMMENT: 1ST Open 5 Minutes/Weak blow /Blow built to 1 inch in bucket of w ater
1ST Shut In 90 Minutes/No blow back
2ND Open 30 Minutes/No blow /Flush tool/Weak blow built to 1 inch in bucket of w ater
2ND Shut In 60 Minutes/No blow back

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	2157.55	112.31	Initial Hydro-static
3	58.19	112.11	Open To Flow (1)
8	68.25	112.04	Shut-In(1)
99	1414.45	113.25	End Shut-In(1)
99	74.59	112.97	Open To Flow (2)
128	109.70	113.23	End Shut-In(2)
189	1365.23	114.48	End Shut-In(3)
193	2147.78	115.02	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud 100%	0.59

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17675

DST#: 3

Test Start: 2012.08.30 @ 22:08:00

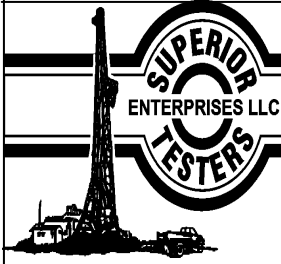
Tool Information

Drill Pipe:	Length: 4127.00 ft	Diameter: 3.80 inches	Volume: 57.89 bbl	Tool Weight:	2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 330.00 ft	Diameter: 2.25 inches	Volume: 1.62 bbl	Weight to Pull Loose:	115000.0 lb
			<u>Total Volume: 59.51 bbl</u>	Tool Chased	0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial	84000.00 lb
Depth to Top Packer:	4469.00 ft			Final	84000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	52.35 ft				
Tool Length:	79.35 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			4447.00	
Hydraulic Tool	5.00			4452.00	
Jars	5.00			4457.00	
Safety Joint	2.00			4459.00	
Packer	5.00			4464.00	27.00 Bottom Of Top Packer
Packer	5.00			4469.00	
Perforations	4.00			4473.00	
Change Over Sub	0.65			4473.65	
Drill Pipe	32.05			4505.70	
Change Over Sub	0.65			4506.35	
Anchor	10.00			4516.35	
Recorder	1.00	6749	Inside	4517.35	
Recorder	1.00	6999	Outside	4518.35	
Bullnose	3.00			4521.35	52.35 Bottom Packers & Anchor

Total Tool Length: 79.35



DRILL STEM TEST REPORT

FLUID SUMMARY

Falcon Exploration Incorporated

34/28S/30W/Gray

125 North Market
Suite 1252
Wichita, Kansas 67202+1719
ATTN: Keith Reavis

RCJ #1-34

Job Ticket: 17675

DST#: 3

Test Start: 2012.08.30 @ 22:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 9.19 in³

Resistivity: ohm.m

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psia

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mud 100%	0.590

Total Length: 120.00 ft Total Volume: 0.590 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

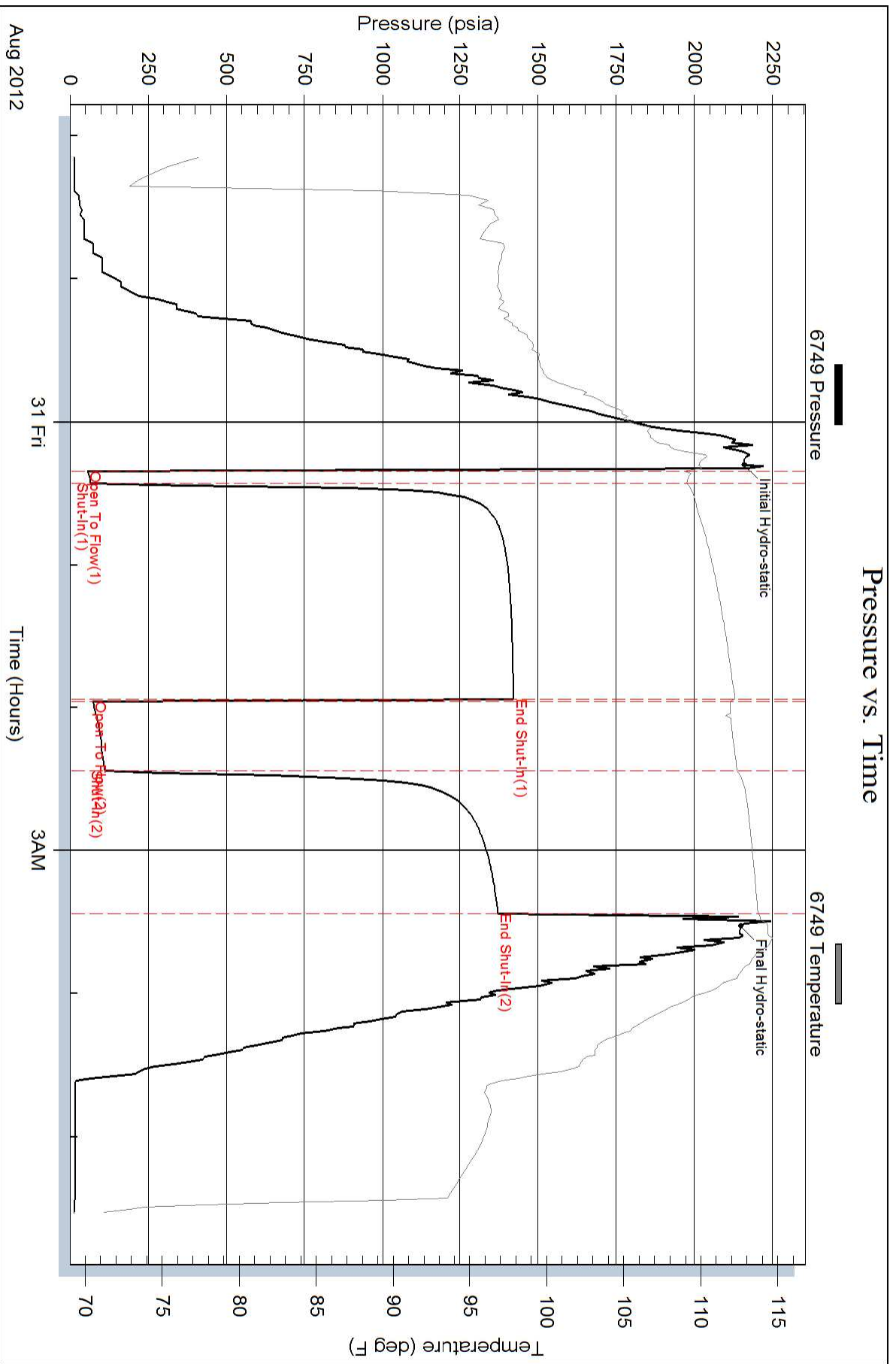
Serial #:

Laboratory Name:

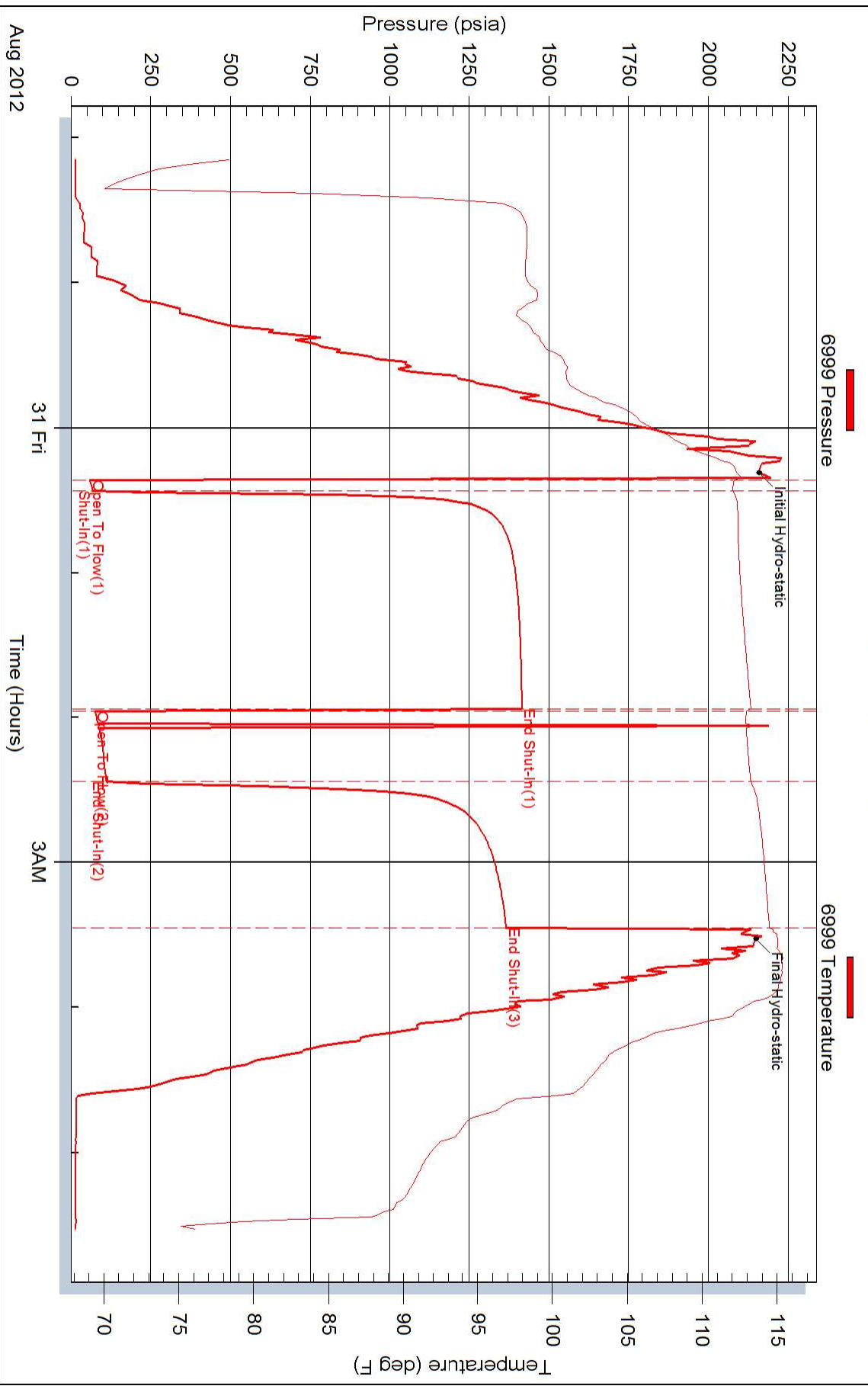
Laboratory Location:

Recovery Comments:

Pressure vs. Time



Pressure vs. Time



OPERATOR

Company: Falcon Exploration, Inc.
 Address: 125 N. Market
 Suite 1252
 Wichita, KS 67202

Contact Geologist: Brian Fisher
 Contact Phone Nbr: 316-262-1378
 Well Name: RCJ #1-34 (NW)
 Location: Sec. 34 - T28S - R30W

API: 15-069-20389-0000
 Field: Wildcat
 Country: USA

Pool:
 State: Kansas

Scale 1:240 Imperial

Well Name: RCJ #1-34 (NW)
 Surface Location: Sec. 34 - T28S - R30W
 Bottom Location:
 API: 15-069-20389-0000
 License Number: 5316
 Spud Date: 8/22/2012 Time: 00:00
 Region: Gray County
 Drilling Completed: 9/1/2011 Time: 18:48
 Surface Coordinates: 250' FNL & 940' FWL
 Bottom Hole Coordinates:
 Ground Elevation: 13.00ft
 K.B. Elevation: 2740.00ft
 Logged Interval: 0.00ft To: 0.00ft
 Total Depth: 5425.00ft
 Formation: Mississippian
 Drilling Fluid Type: Chemical/Fresh Water Gel

SURFACE CO-ORDINATES

Well Type: Vertical
 Longitude: Latitude:
 N/S Co-ord: 250' FNL
 E/W Co-ord: 940' FWL

LOGGED BY

Keith Reavis
Consulting Geologist

Company: Keith Reavis, Inc.
 Address: 3420 22nd Street
 Great Bend, KS 67530

Phone Nbr: 620-617-4091
 Logged By: KLG #136 Name: Keith Reavis

CONTRACTOR

Contractor: Sterling Drilling Company
 Rig #: 5
 Rig Type: mud rotary
 Spud Date: 8/22/2012 Time: 00:00
 TD Date: 9/1/2011 Time: 18:48
 Rig Release: Time:

ELEVATIONS

K.B. Elevation: 2740.00ft Ground Elevation: 13.00ft
 K.B. to Ground: 2727.00ft

NOTES

Due to the negative results of the three drill stem tests, lack of hydrocarbon shows and confirmation by electrical log evaluation, it was determined that the RCJ #1-34 be plugged and abandoned as a dry hole.

A Tooke Daq gas detector operated by Sterling Drilling was employed on this well. ROP and gas curves were imported into this log. The gamma ray and caliper curves were imported from the electrical log data. Electrical log tops were consistently 2-5 ft lower than picked sample tops on this well. The ROP and gamma ray curves were not shifted to provide an exact match, but rather left as recorded in the field.

The samples were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.

Respectfully submitted,
 Keith Reavis

Falcon Exploration, Inc
daily drilling report

DATE	7:00 AM DEPTH	REMARKS
08/25/2012		Geologist Keith Reavis on location @ 2200 hrs, 2521 ft., drilling ahead Permian and Chase Group
08/26/2012	2961	drilling ahead, Fort Riley, Neva, Foraker
08/27/2012	3560	gas kick in Stotler warrants DST, short trip, ctch, could not get a tester, drill Tarkio, gas kick warrants test, TOH and strap for DST #1, complete DST #1, successful test, run in tools to straddle Stotler on DST #2
08/28/2012	3560	complete DST #2, successful test, resume drilling, Bern, Topeka
08/29/2012	4149	drilling ahead, Lecompton, Heebner, Douglas, Lansing, Lansing A zone not worthy of test, TOH with bit, back in with PDC bit, hit bridge and stuck pipe 5 stands, off bottom, wait on oil, load hole with oil
08/30/2012	4298	let oil soak, worked pipe, broke free at 0100 hrs, kelley up, break down stands and ream to bottom, ctch, drilling @ 0409 hrs, gas kicks in both I and J zones warrant test, re-condition gassy mud, short trip, out w/bit, in w/tools, conducting DST #3
08/31/2012	4521	complete DST #3, successful test, back in hole with bit, resume drilling Stark, BKC, Marmaton, Cherokee
09/01/2012	5174	drilling ahead, Cherokee, Mississippian, TD @ 4325 ft @ 1848 hrs, short trip, TOH w/bit, conduct logging operations
09/02/2012	5425	complete logging operations, geologist off loc. @ 0930 hrs

Falcon Exploration, Inc.
well comparison sheet

DRILLING WELL					COMPARISON WELL			
RCJ #1-34					Ladd Pet. Reed #1			
250' FNL & 940' FWL					330' FNL & 2310' FWL			
Sec 34-T28S-R30W					Sec 3-T29S-R30W			
2740 KB					2772 KB		Structural Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log
Chase	2604	136	2604	136	2640	132	4	4
Winfield	2676	64	2677	63	2701	71	-7	-8
Towanda	2721	19	2729	11	2754	18	1	-7
Ft. Riley	2773	-33	2777	-37	2806	-34	1	-3
Neva	3097	-357	3096	-356	3128	-356	-1	0
Foraker	3205	-465	3212	-472	3250	-478	13	6
Stotler	3451	-711	3454	-714	3478	-706	-5	-8
Tarkio	3520	-780	3523	-783	3551	-779	-1	-4
Topeka	3726	-986	3732	-992	3760	-988	2	-4
Heebner	4069	-1329	4071	-1331	4090	-1318	-11	-13
Lansing	4174	-1434	4176	-1436	4190	-1418	-16	-18
Stark Sh.	4539	-1799	4544	-1804	4564	-1792	-7	-12
Marmaton	4677	-1937	4682	-1942	4711	-1939	2	-3
Pawnee	4777	-2037	4781	-2041	4812	-2040	3	-1
Cherokee	4818	-2078	4822	-2082	4852	-2080	2	-2
St. Gen	5129	-2389	5133	-2393	5174	-2402	13	9
Total Depth	5425	-2685	5430	-2690	7344	-4572	1887	1882



DRILL STEM TEST REPORT

Falcon Exploration Incorporated
 125 North Market
 Suite 1252
 Wichita, Kansas 67202+1719
 ATTN: Keith Reavis

34/28S/30W/Gray
RCJ #1-34
 Job Ticket: 17673 DST#: 1
 Test Start: 2012.08.27 @ 10:16:00

GENERAL INFORMATION:

Formation: Tarkio
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 12:39:00
 Time Test Ended: 19:39:30

Test Type: Conventional Straddle (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Great Bend/240

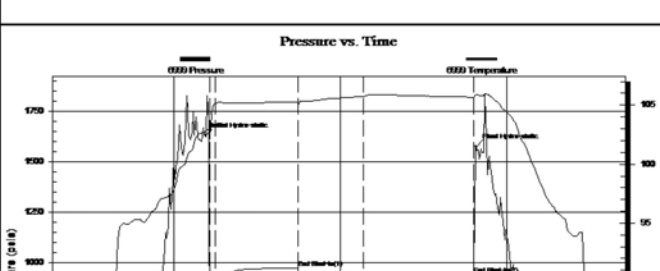
Interval: 3515.00 ft (KB) To 3532.00 ft (KB) (TVD)
 Total Depth: 3560.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Reference Elevations: 2740.00 ft (KB)
 2727.00 ft (CF)
 KB to GR/CF: 13.00 ft

Serial #: 6999

Press@RunDepth: 243.16 psia @ 3526.65 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.08.27 End Date: 2012.08.27 Last Calib.: 2012.08.27
 Start Time: 10:16:00 End Time: 19:39:30 Time On Btm: 2012.08.27 @ 12:34:00
 Time Off Btm: 2012.08.27 @ 17:26:30

TEST COMMENT:

1ST Open 5 Minutes/Strong blow/Blow to bottom of bucket in 45 seconds
 1ST Shut In 90 Minutes/No blow back
 2ND Open 70 Minutes/Strong blow/Blow to bottom of bucket in 15 seconds/Gas to surface in 8 minutes
 2ND Shut In 120 Minutes/No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1630.43	102.78	Initial Hydro-static
5	265.37	102.11	Open To Flow (1)
11	87.12	105.15	Shut-In(1)
100	975.88	105.28	End Shut-In(1)
101	136.83	105.05	Open To Flow (2)
171	243.16	105.72	Shut-In(2)

	<table border="1"> <tr> <td>290</td> <td>943.01</td> <td>105.67</td> <td>End Shut-In(2)</td> </tr> <tr> <td>293</td> <td>1576.18</td> <td>105.90</td> <td>Final Hydro-static</td> </tr> </table>	290	943.01	105.67	End Shut-In(2)	293	1576.18	105.90	Final Hydro-static																														
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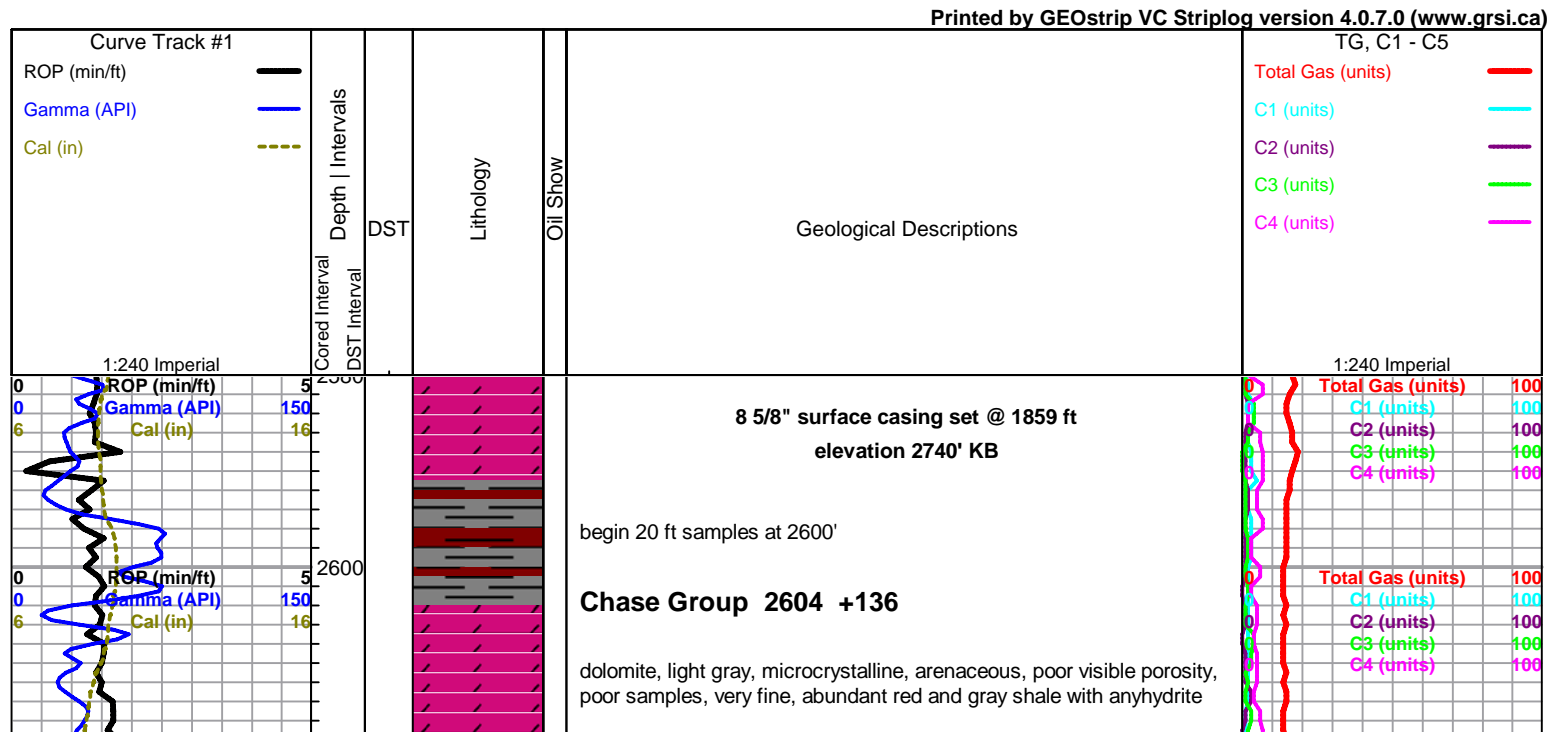
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	Falcon Exploration Incorporated 125 North Market Suite 1252 Wichita, Kansas 67202+1719 ATTN: Keith Reavis	34/28S/30W/Gray RCJ #1-34 Job Ticket: 17674 DST#: 2 Test Start: 2012.08.27 @ 20:20:00																																								
GENERAL INFORMATION: Formation: Stotler Deviated: No Whipstock: ft (KB) Time Tool Opened: 22:29:30 Time Test Ended: 04:25:30 Interval: 3420.00 ft (KB) To 3515.00 ft (KB) (TVD) Total Depth: 3560.00 ft (KB) (TVD) Hole Diameter: 7.88 inches Hole Condition: Fair Test Type: Conventional Straddle (Initial) Tester: Ken Swinney Unit No: 3325 Great Bend/240 Reference Elevations: 2740.00 ft (KB) 2727.00 ft (CF) KB to GR/CF: 13.00 ft																																										
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TEST COMMENT: 1ST Open 5 Minutes/Strong blow/Blow built to bottom of bucket in 1 1/2 minutes 1ST Shut In 90 Minutes/No blow back 2ND Open 45 Minutes/Strong blow/Blow to bottom of bucket in 40 seconds/After pressure bleed blow slowed 2ND Shut In 90 Minutes/Blow back built to 1 inch																																										
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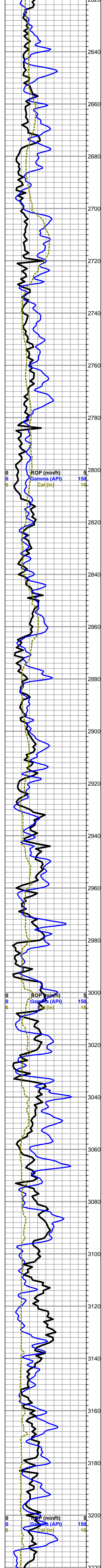
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ROCK TYPES				
Cht	sdylmst	Lmst fw7>	shale, gry	shale, red
Dolprim	Lmst fw<7	shale, grn	Carbon Sh	

ACCESSORIES			
MINERAL Chert, dark Dolomitic Silty Chert White	FOSSIL Bioclastic or Fragmental Fossils < 20% Oolite Pellets Oomoldic	STRINGER Dolomite Limestone Sandstone Shale green shale carb shale	TEXTURE Chalky Lithogr

OTHER SYMBOLS	
MISC Daily Report Digital Photo Document Folder Link Vertical Log File Horizontal Log File Core Log File Drill Cuttings Rpt	DST DST Int DST alt Core tail pipe





as above, some white microcrystalline dolomite

Winfield 2676 +64

dolomite, light gray, mottled, fossiliferous, very fine poor samples, with abundant shale and anhydrite as above

Towanda 2721 +19

dolomite, very fine samples, mixed, white to gray and mottled, microcrystalline, abundant shale and anhydrite

Fort Riley 2773 -33

poor sample, light gray to white dolomite, very fine poor samples, abundant shale and anhydrite

as above

poor samples, mostly shale and anhydrite, some white to light gray very fine limestones, trace very fine gray fossiliferous chert

as above, poor samples

poor samples, mostly red and gray shales, some anhydrite, trace scattered very fine small mixed limestones

poor sample, mostly shales as above

Cottonwood

shales and anhydrite, with some scattered cream to tan limestone, thin slivers, fossiliferous, no visible shows or porosity

Neva 3097 -357

poor samples

displace mud system @ 3103'

samples clean up in 3160 sample - limestone, cream to gray/green, microcrystalline, slightly fossiliferous, dense, grainy, some chalk, no shows

limestones as above, with some limestone, cream to tan, cryptocrystalline, fossiliferous and dolomite, light gray, very soft, grainy, chalky, no shows

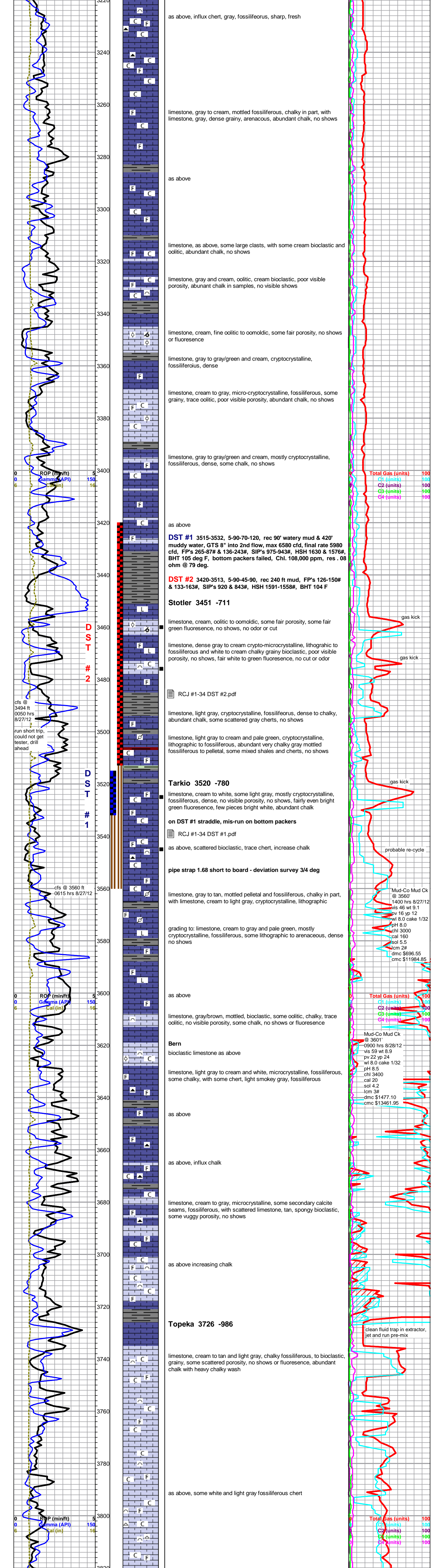
Foraker 3205 -465

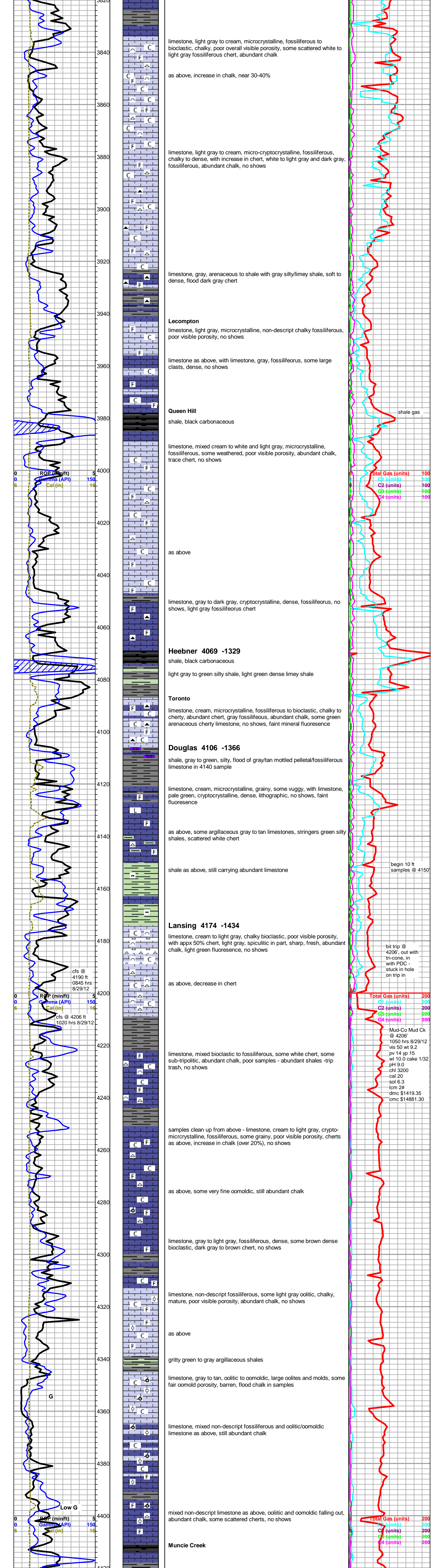
limestone, cream to gray, micro-cryptocrystalline, fossiliferous, some bioclastic, dense to chalky, flood of chalk in samples

Total Gas (units)	100
C1 (units)	100
C2 (units)	100
C3 (units)	100
C4 (units)	100

Total Gas (units)	100
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Total Gas (units)	100
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C3 (units)	100
C4 (units)	100





limestone, light gray to cream, microcrystalline, fossiliferous to bioclastic, chalky, poor overall visible porosity, some scattered white to light gray fossiliferous chert, abundant chalk

as above, increase in chalk, near 30-40%

limestone, light gray to cream, micro-cryptocrystalline, fossiliferous, chalky to dense, with increase in chert, white to light gray and dark gray, fossiliferous, abundant chalk, no shows

limestone, gray, arenaceous to shale with gray silty/limey shale, soft to dense, flood dark gray chert

Lecompton
limestone, light gray, microcrystalline, non-descript chalky fossiliferous, poor visible porosity, no shows

limestone as above, with limestone, gray, fossiliferous, some large clasts, dense, no shows

Queen Hill
shale, black carbonaceous

shale gas

limestone, mixed cream to white and light gray, microcrystalline, fossiliferous, some weathered, poor visible porosity, abundant chalk, trace chert, no shows

Total Gas (units) 100
C1 (units) 100
C2 (units) 100
G3 (units) 100
G4 (units) 100

as above

limestone, gray to dark gray, cryptocrystalline, dense, fossiliferous, no shows, light gray fossiliferous chert

Heebner 4069 -1329
shale, black carbonaceous

light gray to green silty shale, light green dense limey shale

Toronto
limestone, cream, microcrystalline, fossiliferous to bioclastic, chalky to cherty, abundant chert, gray fossiliferous, abundant chalk, some green arenaceous cherty limestone, no shows, faint mineral fluorescence

Douglas 4106 -1366
shale, gray to green, silty, flood of gray/tan mottled pelletal/fossiliferous limestone in 4140 sample

limestone, cream, microcrystalline, grainy, some vuggy, with limestone, pale green, cryptocrystalline, dense, lithographic, no shows, faint fluorescence

as above, some argillaceous gray to tan limestones, stringers green silty shales, scattered white chert

shale as above, still carrying abundant limestone

begin 10 ft samples @ 4150

Lansing 4174 -1434
limestone, cream to light gray, chalky bioclastic, poor visible porosity, with appx 50% chert, light gray, spiculitic in part, sharp, fresh, abundant chalk, light green fluorescence, no shows

bit trip @ 4206', out with tri-cone, in with PDC - stuck in hole on trip in

as above, decrease in chert

Total Gas (units) 200
C1 (units) 200
C2 (units) 200
G3 (units) 200
G4 (units) 200

Mud-Co Mud Ck @ 4206' 1050 hrs 8/29/12 vis 50 wt 9.2 pv 14 yp 15 wl 10.0 cake 1/32 pH 9.0 chl 3200 cal 20 sol 6.3 lcm 2# dmc \$1419.35 cmc \$14881.30

limestone, mixed bioclastic to fossiliferous, some white chert, some sub-tripolitic, abundant chalk, poor samples - abundant shales - trip trash, no shows

samples clean up from above - limestone, cream to light gray, crypto-microcrystalline, fossiliferous, some grainy, poor visible porosity, cherts as above, increase in chalk (over 20%), no shows

as above, some very fine oomoldic, still abundant chalk

limestone, gray to light gray, fossiliferous, dense, some brown dense bioclastic, dark gray to brown chert, no shows

limestone, non-descript fossiliferous, some light gray oolitic, chalky, mature, poor visible porosity, abundant chalk, no shows

as above

gritty green to gray argillaceous shales

limestone, gray to tan, oolitic to oomoldic, large oolites and molds, some fair oomold porosity, barren, flood chalk in samples

limestone, mixed non-descript fossiliferous and oolitic/oomoldic limestone as above, still abundant chalk

mixed non-descript limestone as above, oolitic and oomoldic falling out, abundant chalk, some scattered cherts, no shows

Total Gas (units) 200
C1 (units) 200
C2 (units) 200
G3 (units) 200
G4 (units) 200

Muncie Creek

ROP (min/ft)
Gamma (API)
Cal (in)

cfs @ 4190 ft 0845 hrs 8/29/12

ROP (min/ft)
Gamma (API)
Cal (in)

cfs @ 4206 ft 1020 hrs 8/29/12

Low G
ROP (min/ft)
Gamma (API)
Cal (in)

