



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: _____



1108449

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 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	Valhalla Exploration LLC
Well Name	Morgenstern 1-12
Doc ID	1108449

All Electric Logs Run

Dual Induction
CDNL
Micro
Sonic



DRILL STEM TEST REPORT

Prepared For: **Valhalla Exploration L.L.C**

133 N Glendale st Whichita KS 67208+4022

ATTN: Derek Patterson

Morgenstern #1-12

12-16s-14w

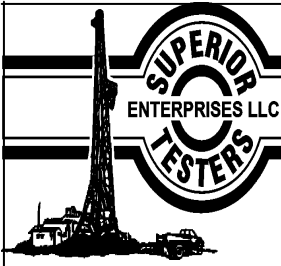
Start Date: 2012.12.15 @ 09:50:00

End Date: 2012.12.15 @ 17:43:00

Job Ticket #: 16990 DST #: 1

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

Printed: 2012.12.15 @ 18:00:36



DRILL STEM TEST REPORT

Valhalla Exploration L.L.C

12-16s-14w

133 N Glendale st Whichita KS 67208+4022

Morgenstern #1-12

Job Ticket: 16990

DST#: 1

ATTN: Derek Patterson

Test Start: 2012.12.15 @ 09:50:00

GENERAL INFORMATION:

Formation: **Lansing A+B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:45:30

Time Test Ended: 17:43:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-50

Interval: 3116.00 ft (KB) To 3160.00 ft (KB) (TVD)

Reference Elevations: 1932.00 ft (KB)

Total Depth: 3160.00 ft (KB) (TVD)

1924.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6731

Press@RunDepth: 78.44 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.12.15

End Date: 2012.12.15

Last Calib.: 2012.12.15

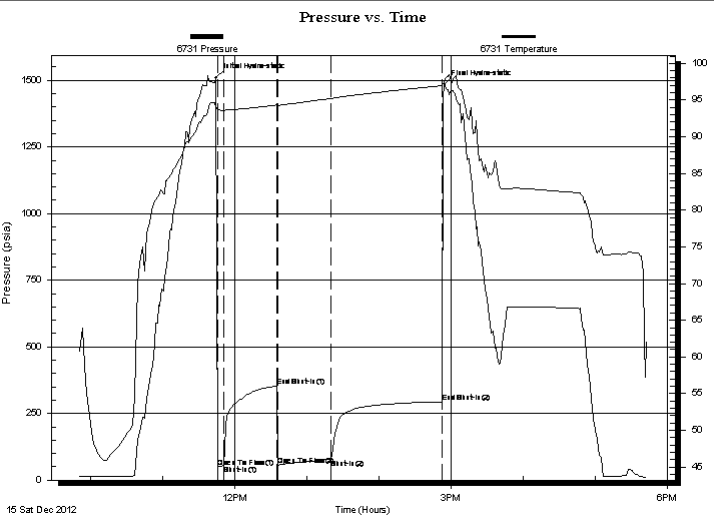
Start Time: 09:50:00

End Time: 17:43:00

Time On Btm: 2012.12.15 @ 11:44:30

Time Off Btm: 2012.12.15 @ 14:54:00

TEST COMMENT: 1st Opening 5 Minutes-Weak blow built 1 1/2 inches into bucket w ater in 5 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 45 Minutes-Weak blow built 5 inches into bucket w ater in 45 minutes
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

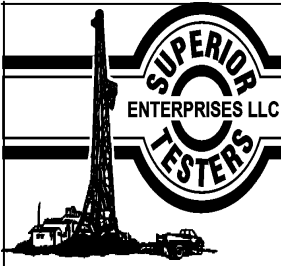
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1509.97	94.15	Initial Hydro-static
1	49.22	93.72	Open To Flow (1)
6	54.05	93.60	Shut-In(1)
50	352.19	94.31	End Shut-In(1)
51	54.90	94.26	Open To Flow (2)
95	78.44	95.20	Shut-In(2)
188	293.86	96.97	End Shut-In(2)
190	1484.40	97.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	water 90% w ater 10% mud	0.98
0.00	chlorides 20,000 resistivity .4@70degree	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Valhalla Exploration L.L.C

12-16s-14w

133 N Glendale st Whichita KS 67208+4022

Morgenstern #1-12

Job Ticket: 16990

DST#: 1

ATTN: Derek Patterson

Test Start: 2012.12.15 @ 09:50:00

GENERAL INFORMATION:

Formation: **Lansing A+B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:45:30

Time Test Ended: 17:43:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-50

Interval: 3116.00 ft (KB) To 3160.00 ft (KB) (TVD)

Reference Elevations: 1932.00 ft (KB)

Total Depth: 3160.00 ft (KB) (TVD)

1924.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8159

Press@RunDepth: 295.79 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.12.15

End Date: 2012.12.15

Last Calib.: 2012.12.15

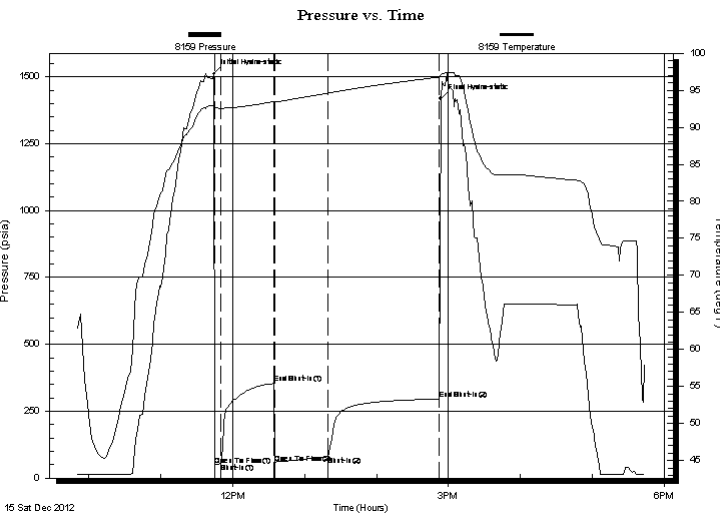
Start Time: 09:50:00

End Time: 17:43:30

Time On Btm: 2012.12.15 @ 11:44:30

Time Off Btm: 2012.12.15 @ 14:53:30

TEST COMMENT: 1st Opening 5 Minutes-Weak blow built 1 1/2 inches into bucket w ater in 5 minutes
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 45 Minutes-Weak blow built 5 inches into bucket w ater in 45 minutes
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

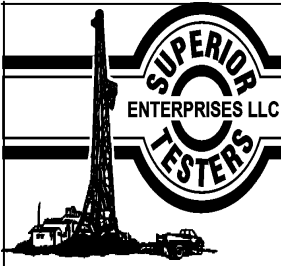
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1510.77	92.99	Initial Hydro-static
1	49.96	92.64	Open To Flow (1)
6	55.10	92.54	Shut-In(1)
50	353.84	93.46	End Shut-In(1)
51	55.90	93.41	Open To Flow (2)
95	79.96	94.59	Shut-In(2)
188	295.79	96.78	End Shut-In(2)
189	1418.46	97.10	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	water 90% w ater 10% mud	0.98
0.00	chlorides 20,000 resistivity .4@70degree	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Valhalla Exploration L.L.C

12-16s-14w

133 N Glendale st Whichita KS 67208+4022

Morgenstern #1-12

Job Ticket: 16990

DST#: 1

ATTN: Derek Patterson

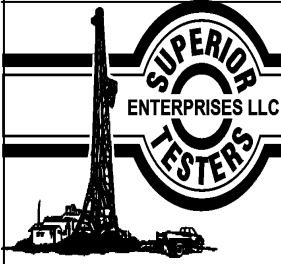
Test Start: 2012.12.15 @ 09:50:00

Tool Information

Drill Pipe:	Length: 3108.00 ft	Diameter: 3.80 inches	Volume: 43.60 bbl	Tool Weight: 1000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 43.60 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 42000.00 lb
Depth to Top Packer:	3116.00 ft			Final 42000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	44.00 ft			
Tool Length:	72.00 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			3093.00	
Hydraulic Tool	5.00			3098.00	
Jars	6.00			3104.00	
Safety Joint	2.00			3106.00	
Packer	5.00			3111.00	28.00 Bottom Of Top Packer
Packer	5.00			3116.00	
Anchor	39.00			3155.00	
Recorder	1.00	6731	Inside	3156.00	
Recorder	1.00	8159	Outside	3157.00	
Bullnose	3.00			3160.00	44.00 Bottom Packers & Anchor
Total Tool Length:	72.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Valhalla Exploration L.L.C

12-16s-14w

133 N Glendale st Whichita KS 67208+4022

Morgenstern #1-12

Job Ticket: 16990

DST#: 1

ATTN: Derek Patterson

Test Start: 2012.12.15 @ 09:50:00

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: 52.00 sec/qt

Cushion Volume: bbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psia

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
70.00	w ater 90% w ater 10% mud	0.982
0.00	chlorides 20,000 resistivity .4@70degree	0.000

Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0

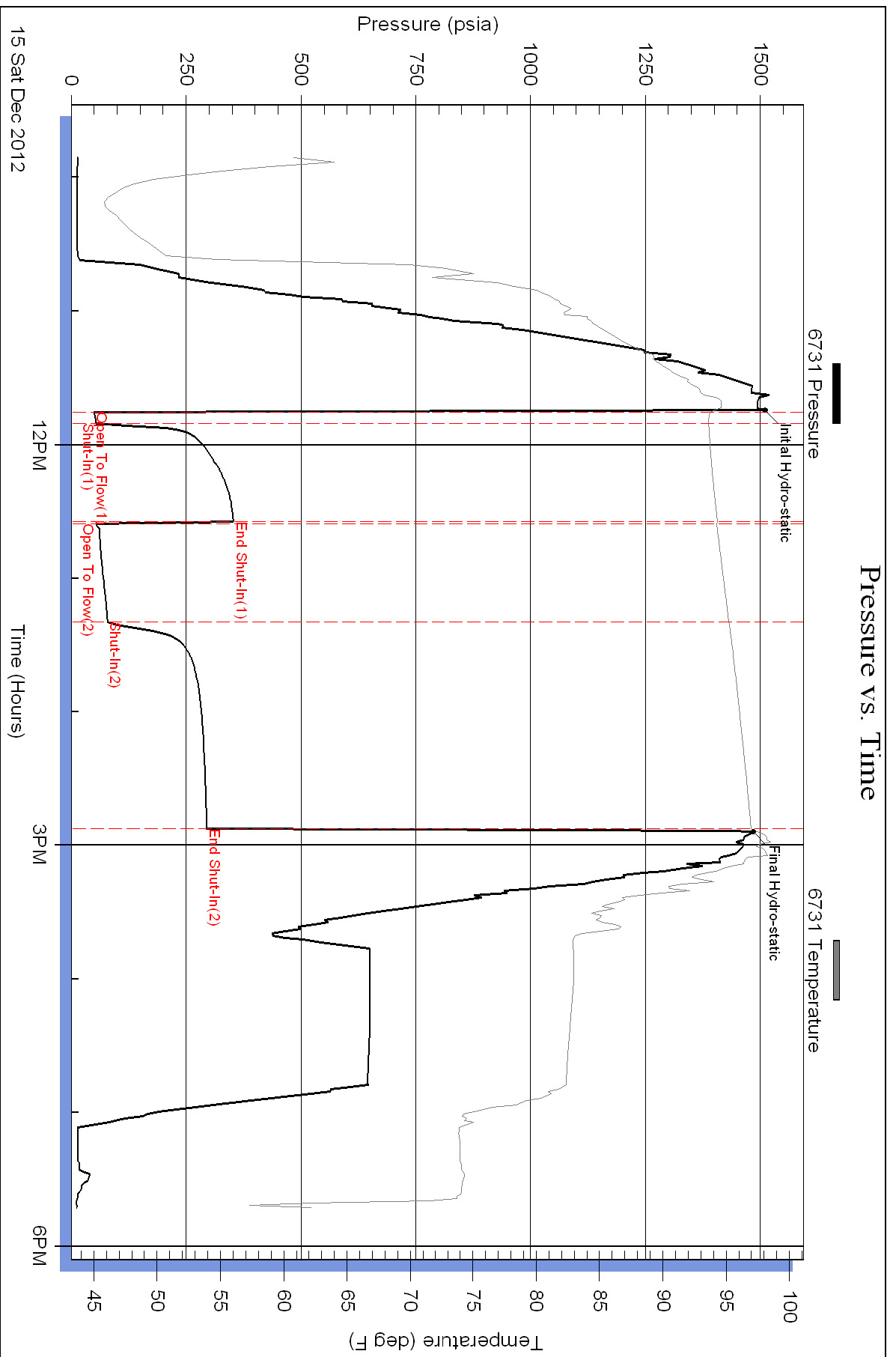
Num Gas Bombs: 0

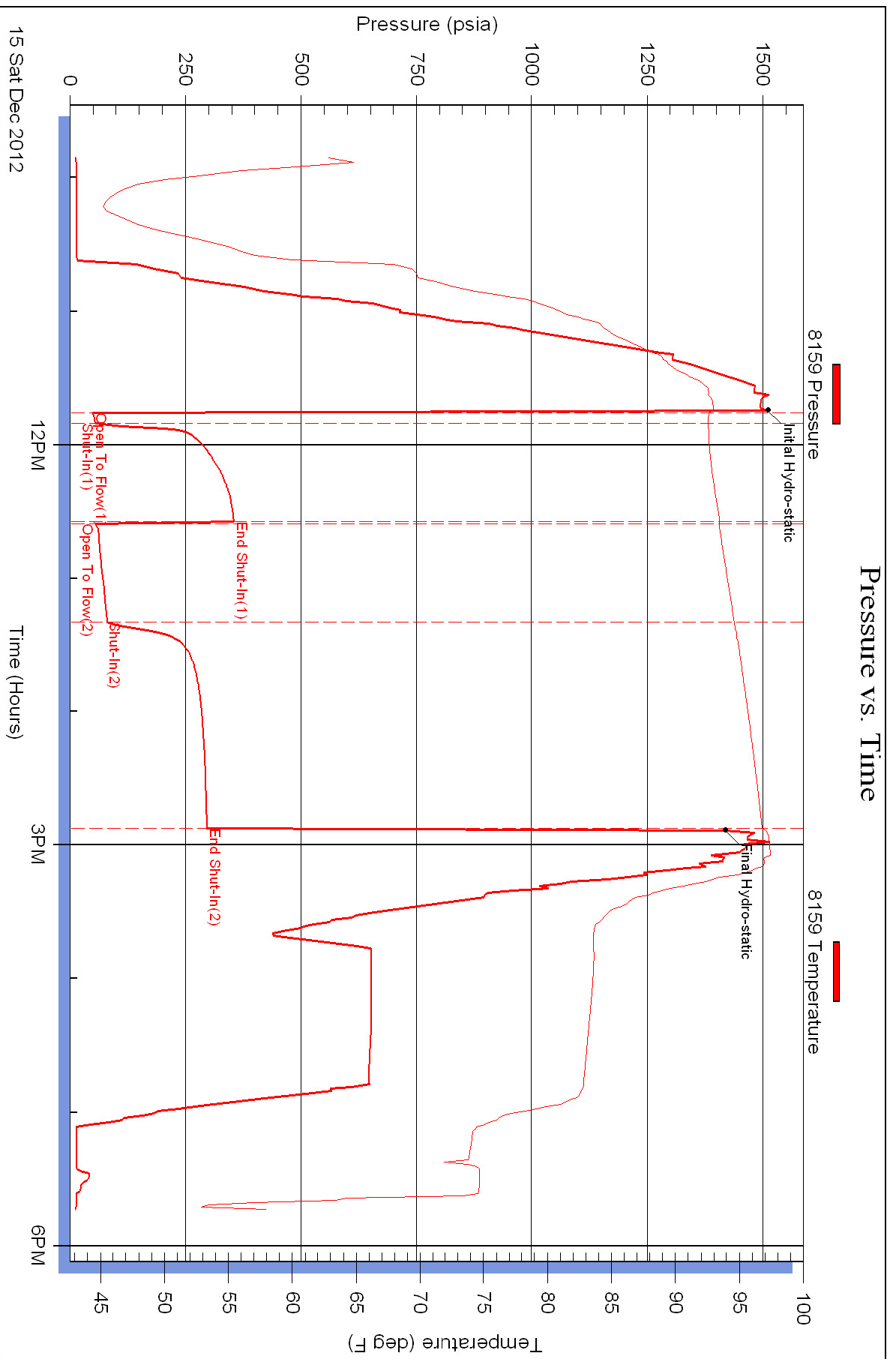
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Valhalla Exploration L.L.C**

133 N Glendale st Whichita KS 67208+4022

ATTN: Derek Patterson

Morgenstern #1-12

12-16s-14w

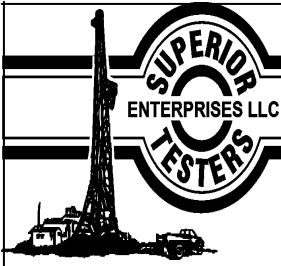
Start Date: 2012.12.16 @ 10:17:00

End Date: 2012.12.16 @ 17:09:30

Job Ticket #: 16991 DST #: 2

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

Printed: 2012.12.16 @ 17:21:43



DRILL STEM TEST REPORT

Valhalla Exploration L.L.C

12-16s-14w

133 N Glendale st Whichita KS 67208+4022

Morgenstern #1-12

ATTN: Derek Patterson

Job Ticket: 16991

DST#: 2

Test Start: 2012.12.16 @ 10:17:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:53:00

Time Test Ended: 17:09:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-50

Interval: 3332.00 ft (KB) To 3344.00 ft (KB) (TVD)

Reference Elevations: 1932.00 ft (KB)

Total Depth: 3344.00 ft (KB) (TVD)

1924.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 6731

Press@RunDepth: 946.70 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.12.16

End Date: 2012.12.16

Last Calib.: 2012.12.16

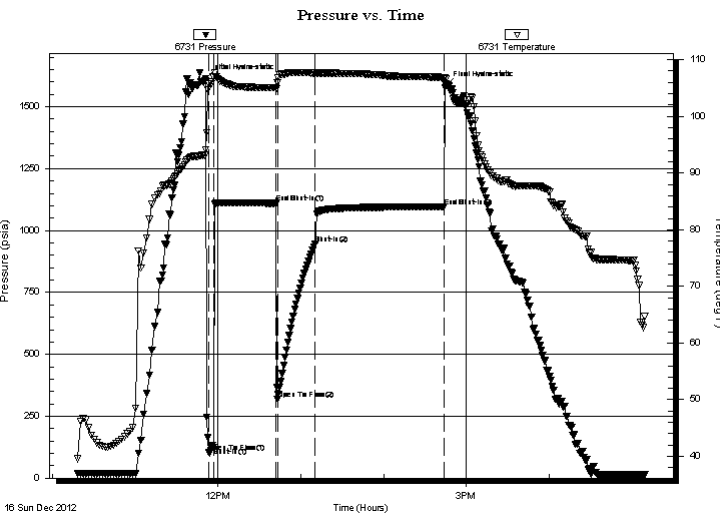
Start Time: 10:17:00

End Time: 17:09:30

Time On Btm: 2012.12.16 @ 11:51:00

Time Off Btm: 2012.12.16 @ 14:45:00

TEST COMMENT: 1st Opening 5 Minutes-Strong blow built bottom of bucket in 1 minute
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 1 minute
 2nd Shut-in 90 Minutes-No blow back



PRESSURE SUMMARY

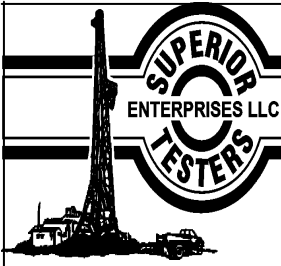
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1612.14	94.11	Initial Hydro-static
2	105.04	105.75	Open To Flow (1)
6	124.28	106.91	Shut-In(1)
51	1110.17	105.09	End Shut-In(1)
52	318.15	106.00	Open To Flow (2)
80	946.70	107.62	Shut-In(2)
173	1096.11	106.81	End Shut-In(2)
174	1586.59	106.59	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	water mud 40%w ater 60%mud	5.05
1620.00	oil cut muddy w ater5%oil 25%mud 70%w	22.72
0.00	chlorides 15,000 resistivity .6@55degre	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Valhalla Exploration L.L.C

12-16s-14w

133 N Glendale st Whichita KS 67208+4022

Morgenstern #1-12

ATTN: Derek Patterson

Job Ticket: 16991

DST#: 2

Test Start: 2012.12.16 @ 10:17:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:53:00

Time Test Ended: 17:09:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-Great Bend-50

Interval: 3332.00 ft (KB) To 3344.00 ft (KB) (TVD)

Reference Elevations: 1932.00 ft (KB)

Total Depth: 3344.00 ft (KB) (TVD)

1924.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8159

Press@RunDepth: 1097.72 psia @ ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.12.16

End Date: 2012.12.16

Last Calib.: 2012.12.16

Start Time: 10:17:00

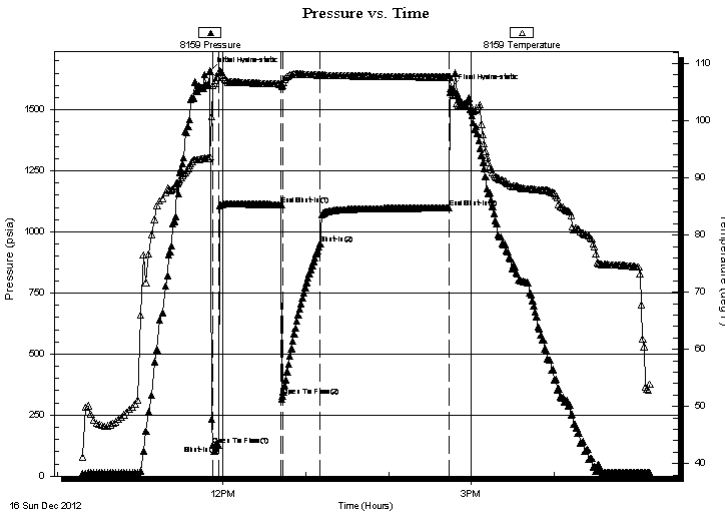
End Time: 17:10:00

Time On Btm: 2012.12.16 @ 11:50:30

Time Off Btm: 2012.12.16 @ 14:45:00

TEST COMMENT: 1st Opening 5 Minutes-Strong blow built bottom of bucket in 1 minute
 1st Shut-in 45 Minutes-No blow back
 2nd Opening 30 Minutes-Strong blow built bottom of bucket in 1 minute
 2nd Shut-in 90 Minutes-No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1658.07	93.70	Initial Hydro-static
2	127.22	106.21	Open To Flow (1)
6	125.41	108.39	Shut-In(1)
52	1111.74	106.39	End Shut-In(1)
53	327.71	106.09	Open To Flow (2)
80	950.08	107.98	Shut-In(2)
174	1097.72	107.62	End Shut-In(2)
175	1588.77	105.66	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
360.00	water mud 40%w ater 60%mud	5.05
1620.00	oil cut muddy w ater5%oil 25%mud 70%w	22.72
0.00	chlorides 15,000 resistivity .6@55degre	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Valhalla Exploration L.L.C

12-16s-14w

133 N Glendale st Whichita KS 67208+4022

Morgenstern #1-12

Job Ticket: 16991

DST#:2

ATTN: Derek Patterson

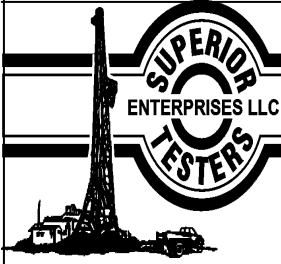
Test Start: 2012.12.16 @ 10:17:00

Tool Information

Drill Pipe:	Length: 3328.00 ft	Diameter: 3.80 inches	Volume: 46.68 bbl	Tool Weight: 1000.00 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 46.68 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 43000.00 lb
Depth to Top Packer:	3332.00 ft			Final 55000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	12.00 ft			
Tool Length:	40.00 ft			
Number of Packers:	2	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			3309.00	
Hydraulic Tool	5.00			3314.00	
Jars	6.00			3320.00	
Safety Joint	2.00			3322.00	
Packer	5.00			3327.00	28.00 Bottom Of Top Packer
Packer	5.00			3332.00	
Anchor	7.00			3339.00	
Recorder	1.00	6731	Inside	3340.00	
Recorder	1.00	8159	Outside	3341.00	
Bullnose	3.00			3344.00	12.00 Bottom Packers & Anchor
Total Tool Length:	40.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Valhalla Exploration L.L.C

12-16s-14w

133 N Glendale st Whichita KS 67208+4022

Morgenstern #1-12

Job Ticket: 16991

DST#:2

ATTN: Derek Patterson

Test Start: 2012.12.16 @ 10:17:00

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: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psia

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
360.00	w ater mud 40%w ater 60%mud	5.050
1620.00	oil cut muddy w ater5%oil 25%mud 70%w ater	22.724
0.00	chlorides 15,000 resistivity .6@55degree	0.000

Total Length: 1980.00 ft Total Volume: 27.774 bbl

Num Fluid Samples: 0

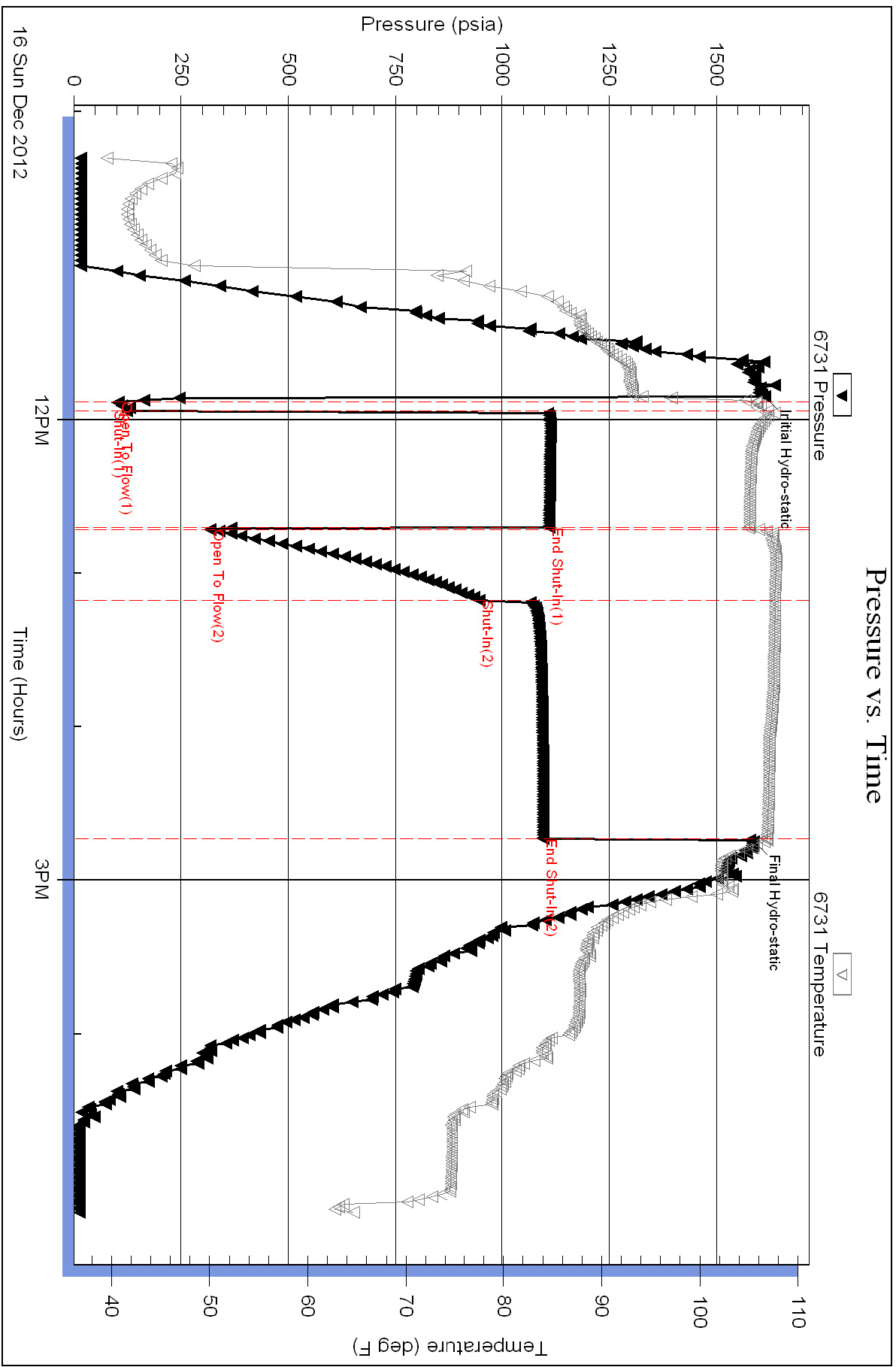
Num Gas Bombs: 0

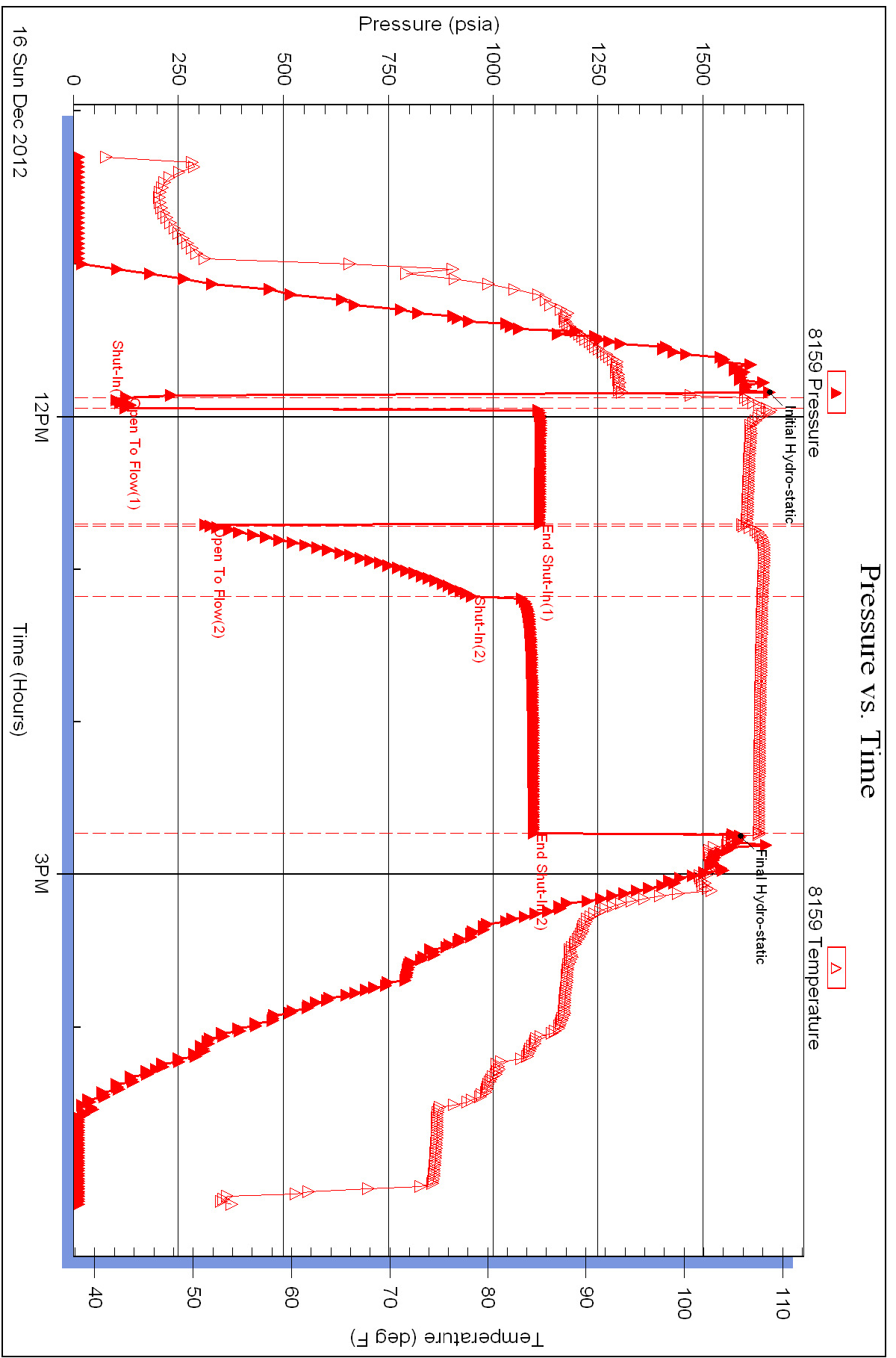
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: chlorides 15,000 resistivity .6 @ 55 degrees







QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone:785-324-1041 fax:785-483-1087
 Email: cementing@ruraltel.net

Date: 1/2/2013
 Invoice # 6244

P.O.#:
 Due Date: 2/1/2013
 Division: Russell

Invoice

Contact:
 VALHALLA EXPLORATION
Address/Job Location:
 VALHALLA EXPLORATION
 133 N GLENDALE STREET
 WICHITA, KS 67208

Reference:
 MORGENSTERN 1-12

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 991.39	No				
Common-Class A	264	\$ 3,594.32	Yes				
Bulk Truck Matl-Material Service Charge	264	\$ 573.26	No				
Calcium Chloride	9	\$ 465.71	Yes				
Pump Truck Mileage-Job to Nearest Camp	18	\$ 195.04	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	18	\$ 114.13	No				
8 5/8" Wooden Plug	1	\$ 91.20	Yes				
Premium Gel (Bentonite)	5	\$ 88.38	Yes				

Invoice Terms:

Net 30

SubTotal: \$ 6,113.42
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (917.01)

SubTotal for Taxable Items:	\$ 3,603.66
SubTotal for Non-Taxable Items:	\$ 1,592.74
Total:	\$ 5,196.41
Tax:	\$ 263.07

7.30% Barton County Sales Tax

Thank You For Your Business!

Amount Due: \$ 5,459.48
Applied Payments:
Balance Due: \$ 5,459.48

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 6244

Date	12-11-12	Sec.	12	Twp.	16	Range	14	County	Barton	State	MS	On Location	9:30 AM	Finish	11:30 AM
Location								281 and 210 1/2 E Ninto							

Lease	Morgenstern	Well No.	1-12	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.
Contractor	Southard 6				
Type Job	Surface				
Hole Size	12 1/4	T.D.	480	Charge To	Vahalla Exploration
Csg.	8 5/8	Depth	474.23	Street	
Tbg. Size		Depth		City	State
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.	
Cement Left in Csg.	20 ft	Shoe Joint	20 ft	Cement Amount Ordered	250 com 9% cc
Meas Line		Displace	29 1/4 BBL	2% gel	

EQUIPMENT

Pumptrk	5	No.	Cementer	Heath	Common	250
			Helper		Poz. Mix	
Bulktrk	8	No.	Driver	Ken Brett	Gel.	5
			Driver		Calcium	9
Bulktrk	9	No.	Driver	Heath		

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 264
	Mileage

Cement did Circulate

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down
	Wood Plug
	Pumptrk Charge Surface
	Mileage 18

Signature		Tax
		Discount
		Total Charge