



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1205029  
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: \_\_\_\_\_

1205029

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
--	---

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Valhalla Exploration LLC
Well Name	Barclay 1-3
Doc ID	1205029

All Electric Logs Run

DIL
DUCP
MEL
BHCS

Form	ACO1 - Well Completion
Operator	Valhalla Exploration LLC
Well Name	Barclay 1-3
Doc ID	1205029

Tops

Name	Top	Datum
TOP	2866	-935
HEEB	3219	-1188
BR LM	3332	-1401
LANS	3342	-1411
BKC	3553	-1622
VIOL	3568	-1637
SIMP	3604	-1673
ARB	3644	-1713

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/>

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

July 14, 2014

Adam Kennedy  
Valhalla Exploration LLC  
8100 E 22ND ST N BLDG 1800-2  
WICHITA, KS 67208-4022

Re: ACO-1  
API 15-185-23846-00-00  
Barclay 1-3  
NW/4 Sec.03-21S-14W  
Stafford County, Kansas

Dear Adam Kennedy:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 1/3/2014 and the ACO-1 was received on July 08, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department



## DRILL STEM TEST REPORT

Prepared For: **Valhalla Exploration LLC**

8100 East 22nd Street North  
Building 1800-2  
Wichita, Kansas 67226

ATTN: Derek Patterson

**Barclay #1-3**

**Stafford 3-21s-14w**

Start Date: 2014.01.09 @ 00:00:00

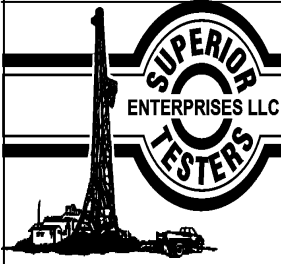
End Date: 2014.01.09 @ 00:00:00

Job Ticket #: 17112                      DST #: 1

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

Printed: 2014.01.09 @ 22:02:52

Valhalla Exploration LLC  
Stafford 3-21s-14w  
Barclay #1-3  
DST # 1  
Viola  
2014.01.09



# DRILL STEM TEST REPORT

Valhalla Exploration LLC

**Stafford 3-21s-14w**

8100 East 22nd Street North  
 Building 1800-2  
 Wichita, Kansas 67226  
 ATTN: Derek Patterson

**Barclay #1-3**

Job Ticket: 17112

**DST#: 1**

Test Start: 2014.01.09 @ 00:00:00

## GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Straddle (Initial)

Tester: Gene Budig

Unit No: 3320

**Interval: 3550.00 ft (KB) To 3600.00 ft (KB) (TVD)**

Reference Elevations: 1931.00 ft (KB)

Total Depth: 3760.00 ft (KB) (TVD)

1923.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8405 Inside**

Press@RunDepth: 220.69 psia @ 3598.24 ft (KB)

Capacity: 5000.00 psia

Start Date: 2014.01.09

End Date: 2014.01.09

Last Calib.: 2014.01.09

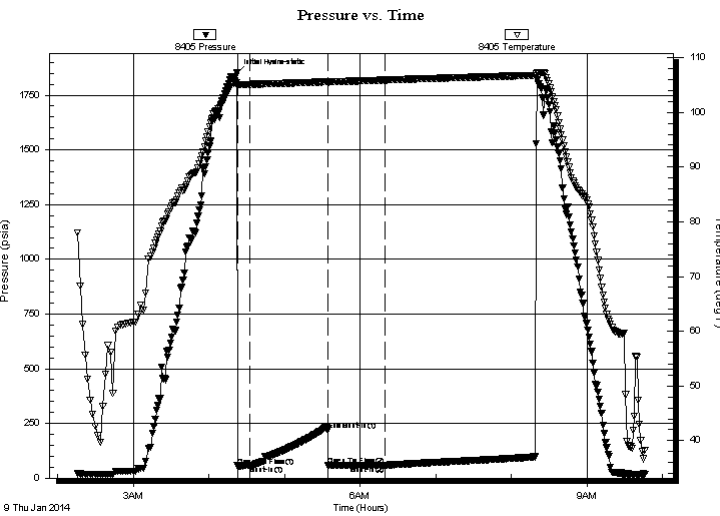
Start Time: 02:15:00

End Time: 09:46:00

Time On Btm: 2014.01.09 @ 04:22:00

Time Off Btm:

**TEST COMMENT:** 1st Opening 10 Minutes-Weak blow built to 1/2 inch and decreased to a weak surface blow  
 1st Shut-In 60 Minutes-No blow back  
 2nd Opening 45 Minutes-No blow  
 2nd Shut-In 120 Minutes -No blow back



## PRESSURE SUMMARY

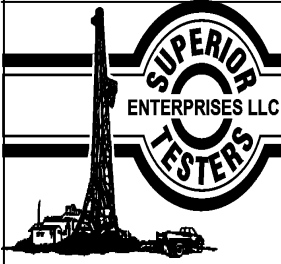
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1850.57	105.48	Initial Hydro-static
1	55.70	104.80	Open To Flow (1)
11	57.28	105.13	Shut-In(1)
72	220.69	105.60	End Shut-In(1)
73	58.47	105.57	Open To Flow (2)
118	58.34	105.92	Shut-In(2)

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling mud	0.14
	2 inches of clean oil	

## Gas Rates

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



# DRILL STEM TEST REPORT

Valhalla Exploration LLC

**Stafford 3-21s-14w**

8100 East 22nd Street North  
 Building 1800-2  
 Wichita, Kansas 67226  
 ATTN: Derek Patterson

**Barclay #1-3**

Job Ticket: 17112

**DST#: 1**

Test Start: 2014.01.09 @ 00:00:00

## GENERAL INFORMATION:

Formation: **Viola**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:00:00

Time Test Ended: 00:00:00

Test Type: Conventional Straddle (Initial)

Tester: Gene Budig

Unit No: 3320

**Interval: 3550.00 ft (KB) To 3600.00 ft (KB) (TVD)**

Reference Elevations: 1931.00 ft (KB)

Total Depth: 3760.00 ft (KB) (TVD)

1923.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 6999 Outside**

Press@RunDepth: 90.75 psia @ 3599.24 ft (KB)

Capacity: 5000.00 psia

Start Date: 2014.01.09

End Date: 2014.01.09

Last Calib.: 2014.01.09

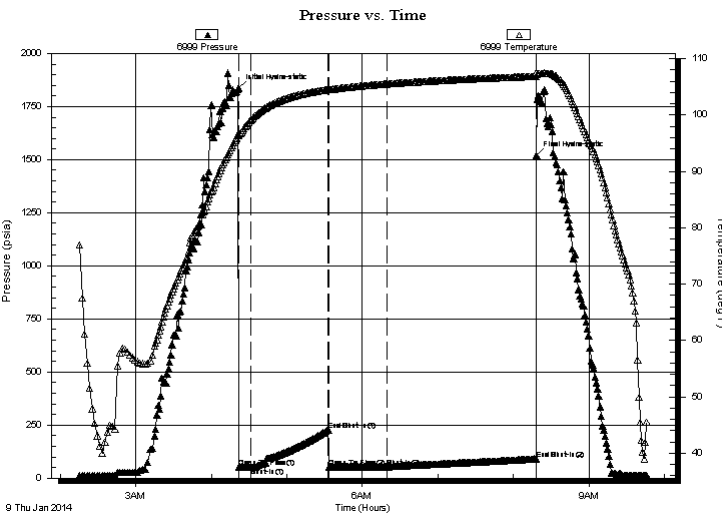
Start Time: 02:15:00

End Time: 09:45:53

Time On Btm: 2014.01.09 @ 04:21:23

Time Off Btm: 2014.01.09 @ 08:18:23

**TEST COMMENT:** 1st Opening 10 Minutes-Weak blow built to 1/2 inch and decreased to a weak surface blow  
 1st Shut-In 60 Minutes-No blow back  
 2nd Opening 45 Minutes-No blow  
 2nd Shut-In 120 Minutes -No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1836.41	96.50	Initial Hydro-static
1	50.03	96.34	Open To Flow (1)
10	51.43	99.13	Shut-In(1)
72	228.06	104.53	End Shut-In(1)
72	52.73	104.52	Open To Flow (2)
118	52.77	105.52	Shut-In(2)
237	90.75	106.88	End Shut-In(2)
237	1519.41	107.58	Final Hydro-static

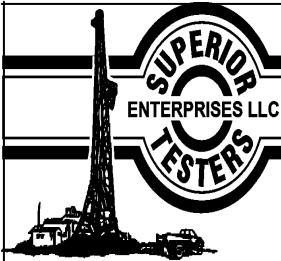
## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling mud	0.14
	2 inches of clean oil	

## Gas Rates

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





# DRILL STEM TEST REPORT

Valhalla Exploration LLC  
 8100 East 22nd Street North  
 Building 1800-2  
 Wichita, Kansas 67226  
 ATTN: Derek Patterson

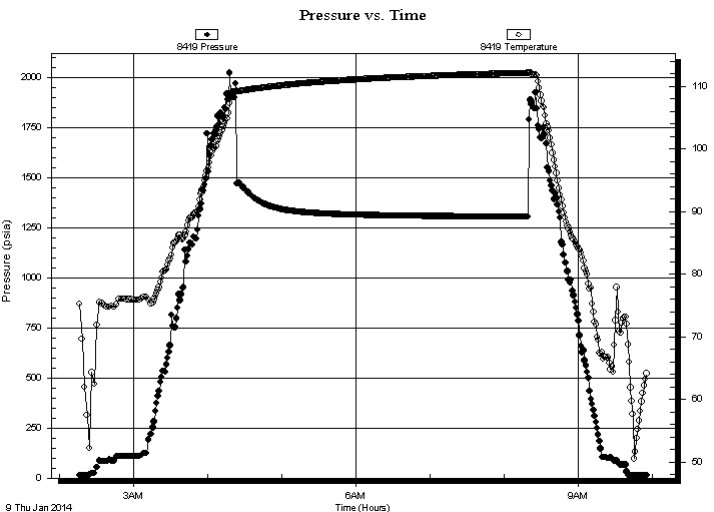
**Stafford 3-21s-14w**  
**Barclay #1-3**  
 Job Ticket: 17112 **DST#: 1**  
 Test Start: 2014.01.09 @ 00:00:00

**GENERAL INFORMATION:**

Formation: **Viola**  
 Deviated: No Whipstock:                   ft (KB)  
 Time Tool Opened: 00:00:00  
 Time Test Ended: 00:00:00  
**Interval: 3550.00 ft (KB) To 3600.00 ft (KB) (TVD)**  
 Total Depth: 3760.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle (Initial)  
 Tester: Gene Budig  
 Unit No: 3320  
 Reference Elevations: 1931.00 ft (KB)  
 1923.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8419**      **Outside**  
 Press@RunDepth:                   psia @ 3763.67 ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2014.01.09      End Date: 2014.01.09      Last Calib.: 2014.01.09  
 Start Time: 02:15:00      End Time: 09:55:30      Time On Btm:  
    Time Off Btm:

**TEST COMMENT:** 1st Opening 10 Minutes-Weak blow built to 1/2 inch and decreased to a weak surface blow  
 1st Shut-In 60 Minutes-No blow back  
 2nd Opening 45 Minutes-No blow  
 2nd Shut-In 120 Minutes -No blow back



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
10.00	Drilling mud	0.14
	2 inches of clean oil	

**Gas Rates**

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Valhalla Exploration LLC

**Stafford 3-21s-14w**

8100 East 22nd Street North  
 Building 1800-2  
 Wichita, Kansas 67226  
 ATTN: Derek Patterson

**Barclay #1-3**

Job Ticket: 17112

**DST#: 1**

Test Start: 2014.01.09 @ 00:00:00

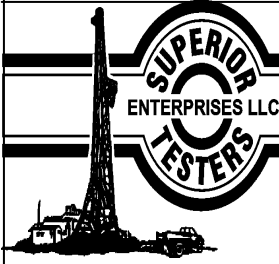
**Tool Information**

Drill Pipe:	Length: 3547.00 ft	Diameter: 3.80 inches	Volume: 49.76 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.86 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 84000.00 lb
			<u>Total Volume: 49.76 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 57000.00 lb
Depth to Top Packer:	3550.00 ft			Final 57000.00 lb
Depth to Bottom Packer:	3600.24 ft			
Interval between Packers:	50.24 ft			
Tool Length:	243.17 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			3527.00	
Hydraulic Tool	5.00			3532.00	
Safety Joint	2.00			3534.00	
Jars	6.00			3540.00	
Top Packer	5.00			3545.00	
Packer	5.00			3550.00	28.00 Bottom Of Top Packer
Anchor	5.00			3555.00	
Change Over Sub	0.75			3555.75	
Drill Pipe	31.74			3587.49	
Change Over Sub	0.75			3588.24	
Anchor	9.00			3597.24	
Recorder	1.00	8405	Inside	3598.24	
Recorder	1.00	6999	Outside	3599.24	
Blank Off Sub	1.00			3600.24	50.24 Tool Interval
Packer	5.00			3605.24	
C.O. Sub	0.75			3605.99	
Drill Pipe	155.93			3761.92	
C.O. Sub	0.75			3762.67	
Recorder	1.00	8419	Outside	3763.67	
Bullnose	1.50			3765.17	164.93 Bottom Packers & Anchor

**Total Tool Length: 243.17**



# DRILL STEM TEST REPORT

## FLUID SUMMARY

Valhalla Exploration LLC

**Stafford 3-21s-14w**

8100 East 22nd Street North  
Building 1800-2  
Wichita, Kansas 67226  
ATTN: Derek Patterson

**Barclay #1-3**

Job Ticket: 17112

**DST#: 1**

Test Start: 2014.01.09 @ 00:00:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 10.00 lb/gal

Viscosity: 48.00 sec/qt

Water Loss: 8.80 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 6700.00 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
10.00	Drilling mud	0.140
	2 inches of clean oil	

Total Length: 10.00 ft      Total Volume: 0.140 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

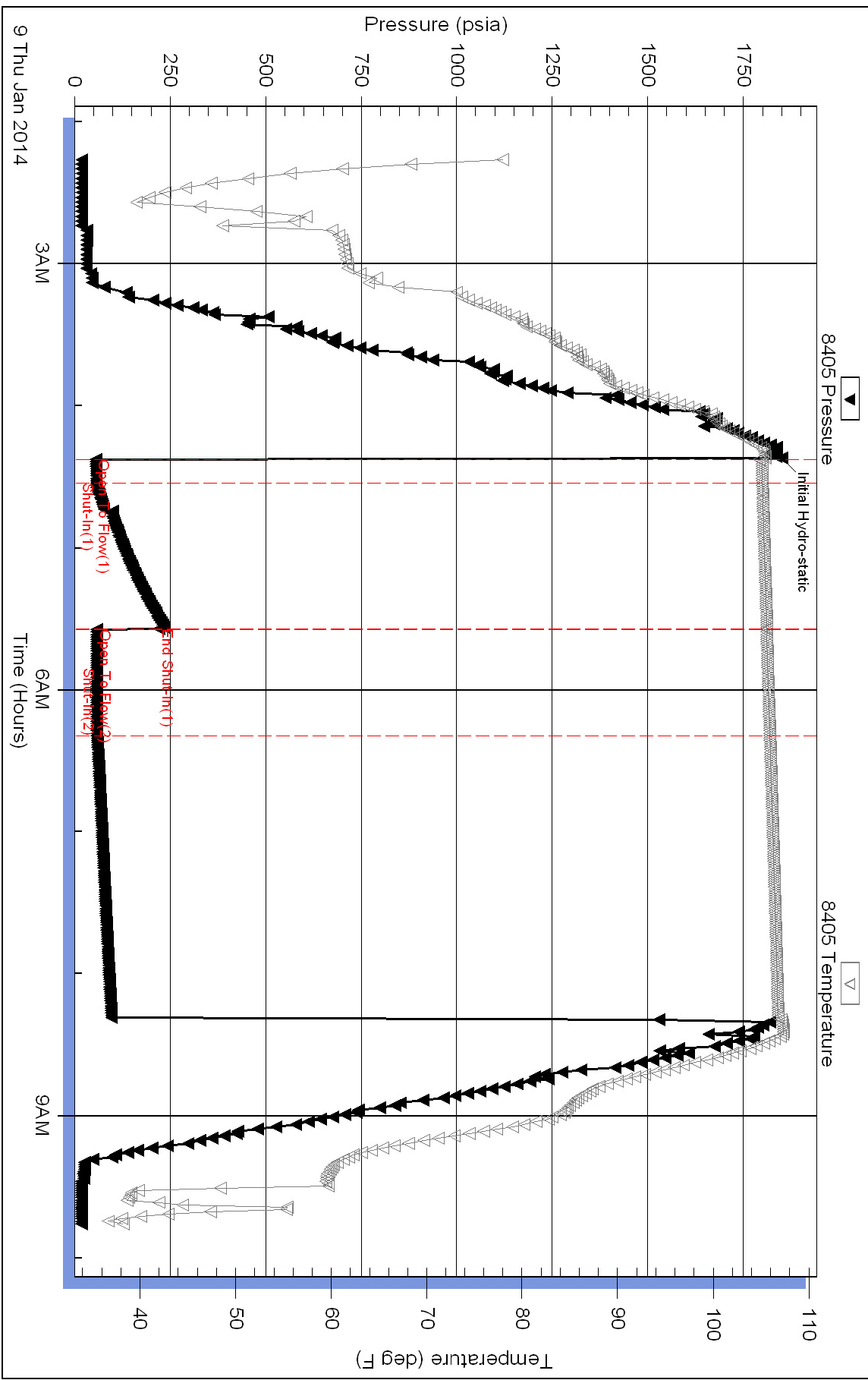
Serial #:

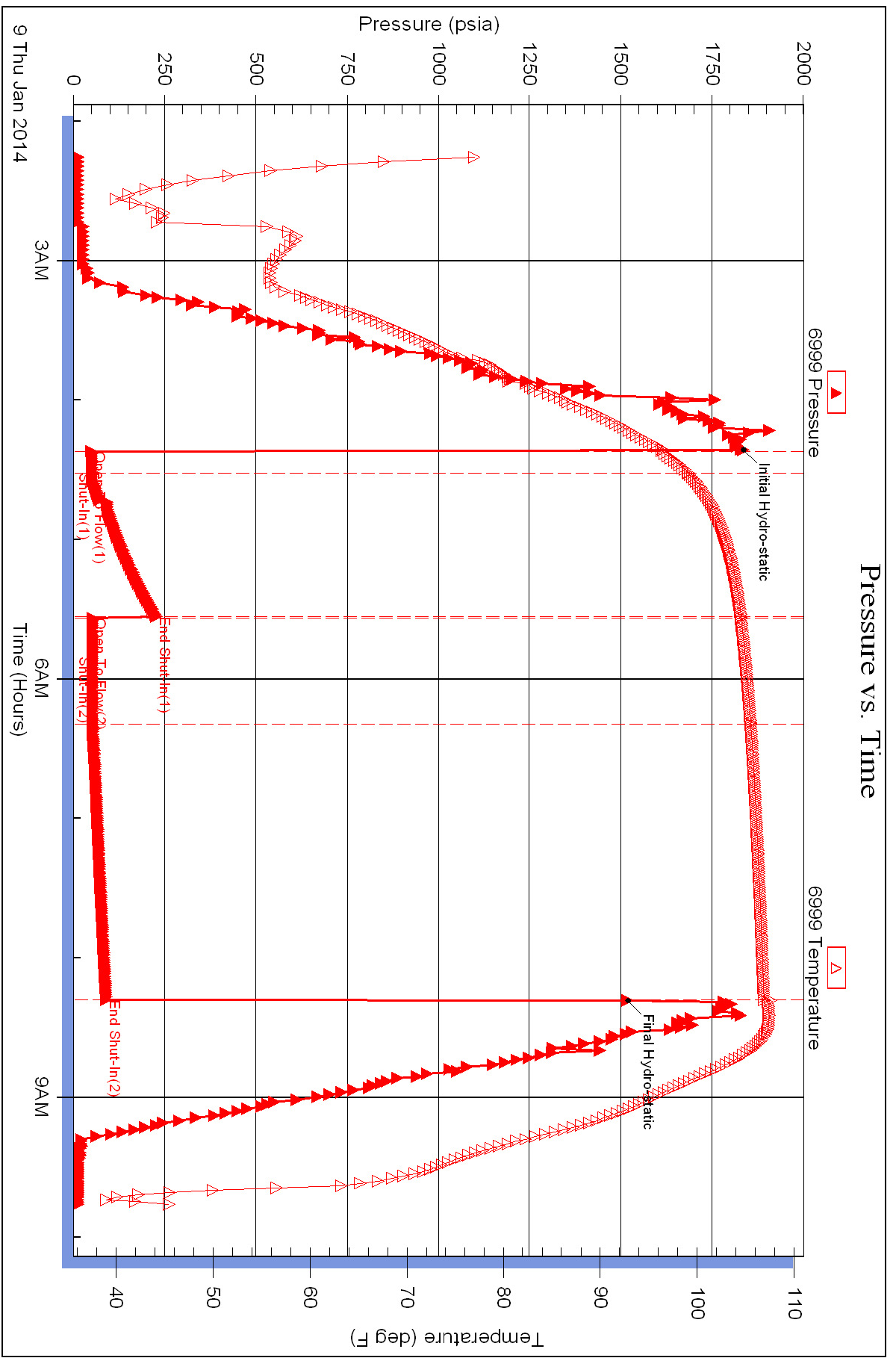
Laboratory Name:

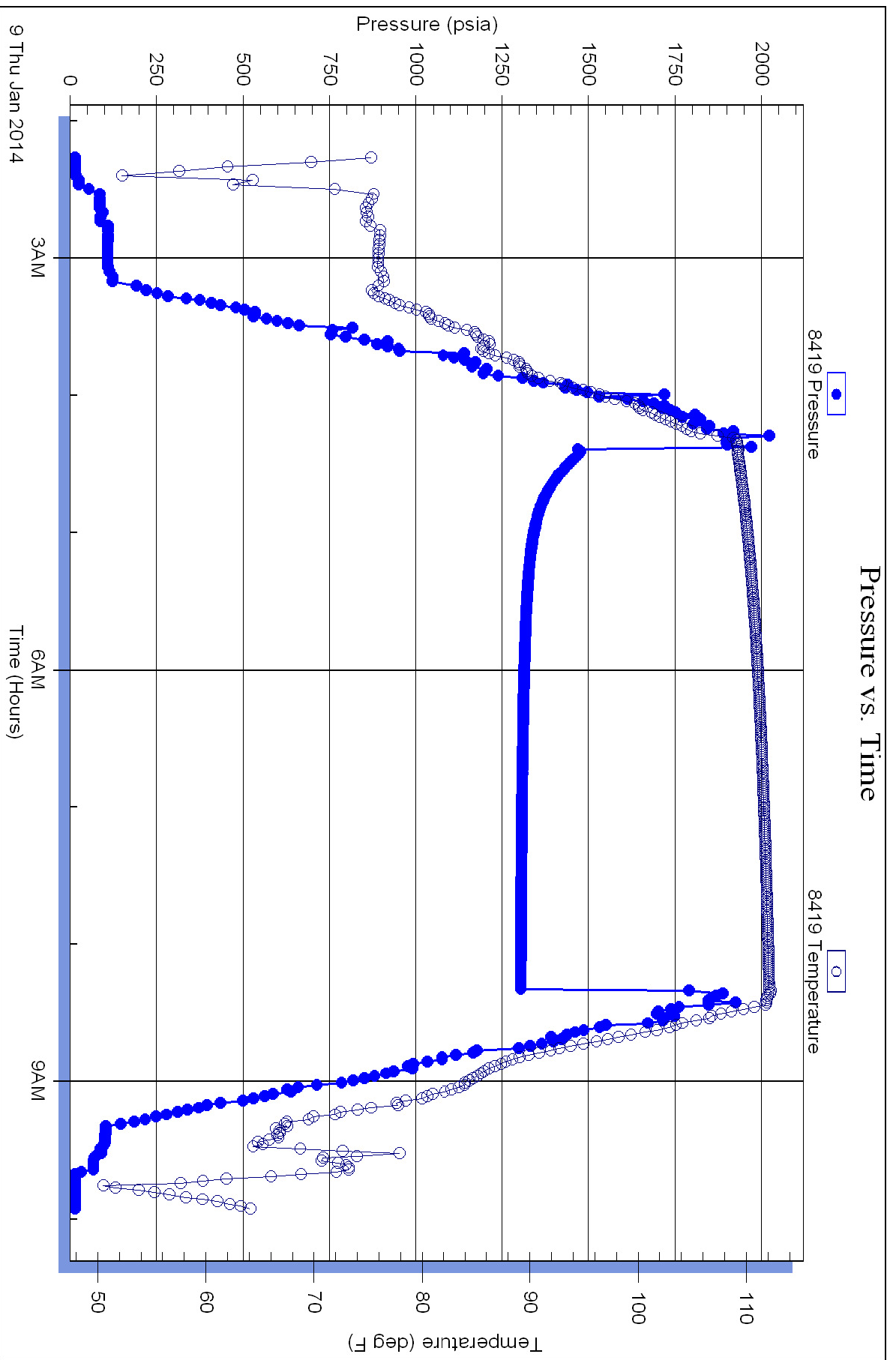
Laboratory Location:

Recovery Comments:

### Pressure vs. Time







RECEIVED MAR 06 2014



PAGE 1 of 1	CUST NO 1007761	INVOICE DATE 03/01/2014
INVOICE NUMBER <b>1718 - 91426501</b>		

Pratt (620) 672-1201  
 B VALHALLA EXPLORATION LLC  
 I 133 NORTH GLENDALE  
 L WICHITA  
 L KS US 67208  
 T  
 O ATTN: KENNEDY

J LEASE NAME Barclay 1-3  
 O LOCATION  
 B COUNTY Stafford  
 S STATE KS  
 I JOB DESCRIPTION Acid Clean Tub / Casing-N  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40696984	33703		Net - 30 days	03/31/2014

**For Service Dates: 02/27/2014 to 02/27/2014**

0040696984

171810065A Acid Clean Tub / Casing-N 02/27/2014  
 Acid Job

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
Claymax KCL Substitute	1.00	EA	35.00	35.00
Heavy Equipment Mileage	45.00	MI	7.00	315.00
Unit Mileage Charge-pickups, vans & cars	45.00	HR	4.25	191.25
Pump Charge-Hourly	1.00	HR	900.00	900.00
Service Supervisor	1.00	HR	175.00	175.00

<b>PLEASE REMIT TO:</b>	<b>SEND OTHER CORRESPONDENCE TO:</b>	<b>SUB TOTAL</b>	<b>1,616.25</b>
<b>BASIC ENERGY SERVICES, LP</b>	<b>BASIC ENERGY SERVICES, LP</b>	<b>TAX</b>	<b>0.00</b>
<b>PO BOX 841903</b>	<b>801 CHERRY ST, STE 2100</b>	<b>INVOICE TOTAL</b>	<b>1,616.25</b>
<b>DALLAS, TX 75284-1903</b>	<b>FORT WORTH, TX 76102</b>		



**BASIC**  
ENERGY SERVICES

RECEIVED MAR 06 2014

PAGE 1 of 1	CUST NO 1007761	INVOICE DATE 03/01/2014
INVOICE NUMBER 1718 - 91426506		

Pratt (620) 672-1201  
 B VALHALLA EXPLORATION LLC  
 I 133 NORTH GLENDALE  
 L WICHITA  
 L KS US 67208  
 T  
 O ATTN: KENNEDY

J LEASE NAME Barclay 1-3  
 O LOCATION  
 B COUNTY Stafford  
 S STATE KS  
 I JOB DESCRIPTION Acid Clean Tub / Casing-N  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40696995	33703		Net - 30 days	03/31/2014

**For Service Dates: 02/28/2014 to 02/28/2014**

0040696995

171810066A Acid Clean Tub / Casing-N 02/28/2014  
 Acid Job

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
15% HCL Acid	1,200.00	GAL	1.52	1,824.00
NE Acid Conversion	1,200.00	EA	0.09	109.44
Double Strength FE Acid Conversion	1,200.00	EA	0.38	456.00
CIA-1 EP Acid Inhibitor	3.00	EA	57.00	171.00
Claymax KCL Substitute	7.00	EA	26.60	186.20
Heavy Equipment Mileage	45.00	MI	5.32	239.40
Unit Mileage Charge-pickups, vans & cars	45.00	HR	3.23	145.35
Acid Pump	1.00	HR	684.00	684.00
Service Supervisor	1.00	HR	133.00	133.00

<b>PLEASE REMIT TO:</b>	<b>SEND OTHER CORRESPONDENCE TO:</b>	<b>SUB TOTAL</b>	<b>3,948.39</b>
<b>BASIC ENERGY SERVICES,LP</b>	<b>BASIC ENERGY SERVICES,LP</b>	<b>TAX</b>	<b>0.00</b>
<b>PO BOX 841903</b>	<b>801 CHERRY ST, STE 2100</b>	<b>INVOICE TOTAL</b>	<b>3,948.39</b>
<b>DALLAS, TX 75284-1903</b>	<b>FORT WORTH, TX 76102</b>		





PAGE 1 of 1	CUST NO 1007761	INVOICE DATE 03/06/2014
<b>INVOICE NUMBER</b> <b>1718 - 91431205</b>		

Pratt (620) 672-1201

B VALHALLA EXPLORATION LLC  
 I 133 NORTH GLENDALE  
 L WICHITA  
 L KS US 67208  
 T  
 O ATTN: KENNEDY

J LEASE NAME Barclay 1-3  
 O LOCATION  
 B COUNTY Stafford  
 S STATE KS  
 I JOB DESCRIPTION Acid Clean Tub / Casing-N  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40698889	81547		Net - 30 days	04/05/2014

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<b>For Service Dates: 03/03/2014 to 03/03/2014</b>				
0040698889				
171810020A Acid Clean Tub / Casing-N 03/03/2014 Acid Job				
15% HCL Acid	2,000.00	GAL	1.44	2,880.00
NE Acid Conversion	2,000.00	EA	0.09	172.80
Double Strength FE Acid Conversion	2,000.00	EA	0.36	720.00
CIA-1 EP, high temp. Acid Inhibitor	4.00	EA	54.00	216.00
Claymax KCL Substitute	2.00	EA	25.20	50.40
Ball Sealer, 1.3 S.G. 7/8"	60.00	EA	1.80	108.00
Acid Pump Service	1.00	HR	648.00	648.00
Perf Ball Injector Selective	1.00	EA	432.00	432.00
Unit Mileage Charge-Pickups, Vans & Cars	45.00	HR	3.06	137.70
Heavy Equipment Mileage	45.00	MI	5.04	226.80
Service Supervisor	1.00	HR	126.00	126.00

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PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	5,717.70
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	0.00
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	5,717.70
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		