

**ORIGINAL**

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

Form ACO-1  
June 2009

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

**WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 32432  
Name: LaVeta Oil & Gas, LLC  
Address 1: P.O. Box 780  
Address 2: \_\_\_\_\_  
City: Middleburg State: VA Zip: 20118 + 0780  
Contact Person: Martin Ziegler  
Phone: (620) 546-4559  
CONTRACTOR: License # 33323  
Name: Petromark Drilling, LLC  
Wellsite Geologist: Bruce Reed  
Purchaser: Plains

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: \_\_\_\_\_

- \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

11/4/11	11/9/11	11/15/11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23707-00-00

Spot Description: \_\_\_\_\_

NE NW SW Sec. 29 Twp. 22 S. R. 11  East  West

2,310 Feet from  North /  South Line of Section

1,130 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Stafford

Lease Name: Paul Spangenberg Well #: 11

Field Name: Richardson

Producing Formation: Arbuckle

Elevation: Ground: 1827' Kelly Bushing: 1832'

Total Depth: 3510' Plug Back Total Depth: 3597'

Amount of Surface Pipe Set and Cemented at: 205 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: 4600 ppm Fluid volume: 500 bbls

Dewatering method used: haul by truck

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: LaVeta Oil & Gas LLC

Lease Name: Heyen CJ#1 License #: 32432

Quarter NW Sec. 32 Twp. 22 S. R. 11  East  West

County: Stafford Permit #: \_\_\_\_\_

**RECEIVED**  
**DEC 20 2011**

**KCC WICHITA**

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

**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.

Signature: Martin Ziegler  
Title: Contact Agent Date: 12-12-11

**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: Dlg Date: 12/27/11

LAMBERT

Operator Name: LaVeta Oil & Gas, LLC Lease Name: Paul Spangenberg Well #: 11

Sec. 29 Twp. 22 S. R. 11  East  West County: Stafford

**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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" 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: Compensated Density Neutron Dual Induction Log Cement Bond Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Douglas</td> <td>3117'</td> <td>-1285</td> </tr> <tr> <td>Brown Lime</td> <td>3218'</td> <td>-1386</td> </tr> <tr> <td>Lansing</td> <td>3245'</td> <td>-1413</td> </tr> <tr> <td>B/KC</td> <td>3492'</td> <td>-1660</td> </tr> <tr> <td>Arbuckle</td> <td>3549'</td> <td>-1717</td> </tr> </table>	Name	Top	Datum	Douglas	3117'	-1285	Brown Lime	3218'	-1386	Lansing	3245'	-1413	B/KC	3492'	-1660	Arbuckle	3549'	-1717
Name	Top	Datum																	
Douglas	3117'	-1285																	
Brown Lime	3218'	-1386																	
Lansing	3245'	-1413																	
B/KC	3492'	-1660																	
Arbuckle	3549'	-1717																	

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
Surface Pipe	12 1/4"	8 5/8"	24#	205'	60/40	239 sks	com. 3% CC
Production	7 7/8"	5 1/2"	15#	3608'	AAZ	150 sks	60/40 Foz

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				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3550-3552.5	N.A.	

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>3542'</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls. <u>20</u>	Gas Mcf	Water Bbls. <u>105</u>	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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
-------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------

# ALLIED CEMENTING CO., LLC. 042288

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

SERVICE POINT:  
Great Bend, KS

DATE <u>11-4-11</u>	SEC. <u>29</u>	TWP. <u>22</u>	RANGE <u>11</u>	CALLED OUT	ON LOCATION	JOB START <u>9:00 am</u>	JOB FINISH <u>9:30 am</u>
LEASE <u>Paul Spangenberg</u>			WELL# <u>11</u>	LOCATION <u>Hudsones SE 1/4 n 1/4 E</u>		COUNTY <u>Stafford</u>	STATE <u>KS</u>
OLD OR NEW (Circle one)				<u>5 vid</u>			

CONTRACTOR Patronard Oil & Gas Z  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 210  
 CASING SIZE 8 5/8 24# DEPTH 210  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE 4 1/2 DEPTH 210  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15 ft  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT fresh water

OWNER Laveta Oil & Gas LLC

CEMENT  
AMOUNT ORDERED 238 gal Com 3% ace  
2% gel

**EQUIPMENT**

PUMP TRUCK CEMENTER Bob Keller  
# 366 HELPER Dustin C  
BULK TRUCK  
# 482-188 DRIVER Kevin W.  
BULK TRUCK  
# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON 238 @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL 84 @ \_\_\_\_\_  
 CHLORIDE 8 @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE 30 @ \_\_\_\_\_

**RECEIVED  
DEC 20 2011  
KCC WICHITA**

**REMARKS:**

Pipe on bottom indicate excessive circulation. The rig mud.  
blow down common 3% ace 2% gel  
shut in on release pipe and displacer 12.42  
bbl fresh water and shut in.  
Com. it did circulate

TOTAL \_\_\_\_\_

**SERVICE**

DEPTH OF JOB 210  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

CHARGE TO: Laveta Oil & Gas LLC  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

wooden plug @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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

SALES TAX (If Any) \_\_\_\_\_  
 TOTAL CHARGES \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Tim Mickle  
 SIGNATURE [Signature]  
Thank you!

## GENERAL TERMS AND CONDITIONS

**DEFINITIONS:** In these terms and conditions, "ALLIED" shall mean Allied Cementing Co., LLC, and "CUSTOMER" shall refer to the party identified by that term on the front of this contract. As applicable, "Job" relates to the services described on the front side of this contract, "Merchandise" refers to the material described on the front of this contract and to any other materials, products, or supplies used, sold, or furnished under the requirements of this contract.

—**TERMS:** Unless satisfactory credit has been established, CUSTOMER must tender full cash payment to ALLIED before the job is undertaken or merchandise is delivered. If satisfactory credit has been established, the terms of payment for the job and/or merchandise, including bulk cement, are net cash, payable in 30 days from the completion of the job and/or delivery of the merchandise. For all past due invoices, CUSTOMER agrees to pay interest on amounts invoiced at a rate of 18 percent per annum until paid. Notwithstanding the foregoing, in no event shall this Contract provide for interest exceeding the maximum rate of interest that CUSTOMER may agree to pay under applicable law. If any such interest should be provided for, it shall be and hereby is deemed to be a mistake, and this contract shall be automatically reformed to lower the rate of interest to the maximum legal contract rate, any amounts previously paid as excess interest shall be deducted from the amounts owing from the CUSTOMER or at the option of ALLIED, refunded directly to CUSTOMER. For purposes of this paragraph, ALLIED and CUSTOMER agree that Kansas law shall apply. Any discounts granted with this contract are null and void if the charges are not paid when due.

—**ATTORNEY FEES:** In any legal action or proceeding between the parties to enforce any of the terms of this Service Contract, or in any way pertaining to the terms of this Contract, the prevailing party shall be entitled to recover all expenses, including, but not limited to, a reasonable sum as and for attorney's fees.

—**PRICES AND TAXES:** All merchandise listed in ALLIED'S current price schedule are F.O.B. ALLIED'S local station and are subject to change without notice. All prices are exclusive of any federal, state, local, or special taxes for the sale or use of the merchandise or services listed. The amount of taxes required to be paid by ALLIED shall be added to the quoted prices charged to CUSTOMER.

—**TOWING CHARGES:** ALLIED will make a reasonable attempt to get to and from each job site using its own equipment. Should ALLIED be unable to do so because of poor or inadequate road conditions, and should it become necessary to employ a tractor or other pulling equipment to get to or from the job site, the tractor or pulling equipment will be supplied by CUSTOMER or, if furnished by ALLIED, will be charged to and paid by CUSTOMER.

—**PREPARATION CHARGES:** If a job and/or merchandise is ordered and CUSTOMER cancels the order after preparation of a chemical solution or other material, CUSTOMER will pay ALLIED for the expenses incurred by ALLIED as a result of the cancellation.

—**DEADHAUL CHARGES:** Unless otherwise specified on the front of this Contract, a deadhaul charge as set forth in ALLIED'S current price book will be charged each way for each service unit which is ordered by CUSTOMER but not used.

### —SERVICE CONDITIONS AND LIABILITIES:

1. ALLIED carries public liability and property damage insurance, but since there are so many uncertain and unknown conditions beyond ALLIED'S control, ALLIED shall not be liable for injuries to property or persons or for loss or damage arising from the performance of the job or delivery of the merchandise. CUSTOMER shall be responsible for and indemnify, defend, and hold harmless ALLIED, its officers, agents and employees, from and against any and all claims or suits for:

(A) Damage to property or for bodily injury, sickness, disease, or death, brought by any person, including CUSTOMER and/or the well owner; and:

(B) Oil spills, pollution, surface or sub-surface damage, injury to the well, reservoir loss, or damage arising from a well blowout arising out of or in connection with ALLIED'S performance of the job or furnishing of merchandise in accordance with this contract, unless such loss or damage is caused by the willful misconduct or gross negligence of ALLIED or its employees.

2. With respect to any of ALLIED'S tools, equipment, or instruments which are lost in the well or damaged when performing or attempting to perform the job or, in the case of marine operations, are lost or damaged at any time after delivery to the landing for CUSTOMER and before return to ALLIED at the landing, CUSTOMER shall either recover the lost item without cost to ALLIED or reimburse ALLIED the current replacement cost of the item unless the loss or damage results from the sole negligence of ALLIED or its employees.

3. ALLIED does not assume any liability or responsibility for damages or conditions resulting from chemical action in cements caused by contamination of water or other fluids.

### WARRANTIES:

1. ALLIED warrants all merchandise manufactured or furnished by it to be free from defects in material and workmanship under normal use and service when installed, and used, and/or serviced in the manner provided and intended. ALLIED'S obligation under this warranty is expressly limited to repair, replacement, or allowance for credit, at its option, for any merchandise which is determined by ALLIED to be defective. THIS IS THE SOLE WARRANTY OF ALLIED AND NO OTHER WARRANTY IS APPLICABLE, EITHER EXPRESS OR OTHERWISE IMPLIED, IN FACT OR IN LAW, INCLUDING ANY WARRANTY AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, CUSTOMER'S sole and only remedy with regard to any defective merchandise shall be the repair or replacement thereof or allowance for credit as herein provided, and ALLIED shall not be liable for any consequential, special, incidental, or punitive damages resulting from or caused by defective materials, products or supplies.

#### 2. More specifically:

(A) Nothing in this contract shall be construed as a warranty by ALLIED of the success or the effectiveness of the result of any work done or merchandise used, sold, or furnished under this contract.

(B) Nothing in this contract shall be construed as a warranty of the accuracy or correctness of any facts, information, or data furnished by ALLIED or any interpretation of tests, meter readings, chart information, analysis of research, or recommendations made by ALLIED, unless the inaccuracy or incorrectness is caused by the willful misconduct or gross negligence of ALLIED or its employees in the preparation or furnishing of such facts, information or data.

(C) Work done by ALLIED shall be under the direct supervision and control of the CUSTOMER or his agent and ALLIED will accomplish the job as an independent contractor and not as an employee or agent of the CUSTOMER.



**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 05264 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <u>11-10-11</u> DISTRICT <u>KANSAS</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>LA VETA OIL &amp; GAS LLC</u>		LEASE: <u>PAUL SPANGENBERG # 11</u> WELL NO.							
ADDRESS		COUNTY <u>STAFFORD 29-22-91</u> STATE <u>KS</u>							
CITY STATE		SERVICE CREW <u>Allen, K... m. k...</u>							
AUTHORIZED BY		JOB TYPE: <u>5 1/2" L.S. CROW</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM/PM	TIME
<u>28443 P.U.</u>	<u>1</u>						<u>11-10-11</u>		<u>400</u>
<u>19889-19842</u>	<u>1</u>					ARRIVED AT JOB	<u>11-10-11</u>	AM/PM	<u>630</u>
<u>19832-21010</u>	<u>1</u>					START OPERATION	<u>11-10-11</u>	AM/PM	<u>1100</u>
						FINISH OPERATION	<u>11-10-11</u>	AM/PM	<u>1200</u>
						RELEASED	<u>11-10-11</u>	AM/PM	<u>100</u>
						MILES FROM STATION TO WELL	<u>40-miles</u>		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA2 cement	SK	150		
CP103	60/40 P02	SK	30		
CC102	cell FLAKE	lb	38		
CC105	C-41P	lb	29		
CC111	SALT Fine	lb	681		
CC112	cement Friction Reducer	lb	43		
CC115	C-44	lb	141		
CC129	FIA-322	lb	91		
CC201	Gilsonite	lb	750		
CF103	Top Rubber cement Plug 5 1/2"	EA	1		
CF251	Guide shoe 5 1/2" Blue	EA	1		
CF1451	Flapper Type Insert Float Valve 5 1/2"	EA	1		
CF1651	Turbolizer 5 1/2" Blue	EA	5		
CF1801	5 1/2" Basket Blue	EA	1		
CC151	M40 Flush	gal	500		

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE <u>Am. t. Ward</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY <u>Jim W. Nichols</u> (WELL OWNER OPERATOR CONTRACTOR OR AGENT)
FIELD SERVICE ORDER NO.	

## Agreement of Terms and Conditions

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

### Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customers invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

### Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

### Special Pricing Provisions:

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handling, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

### Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

### Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

### Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CONCERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

### Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title thereto. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

### Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

### General Provisions:

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOCUMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.



# Agreement of Terms and Conditions

All sales of services, products, or materials by Basic Energy Services LP, (hereinafter called BES) to any Customer, unless otherwise set out in writing, are subject to the terms and conditions set out herein.

## Terms:

All Service Charges and materials included in service price list are NET. Unless satisfactory credit has been established, cash payment will be required in advance. Credit Customer agrees to pay BES in its office in Cisco, Texas, for all services and materials on or before the 20th of the following month after the date of the invoice. Customers invoice is considered in default if payment has not been received by the last day of the month following the month in which the invoice is dated and services delivered. Past due accounts will be subject to a charge for interest at the highest rate allowable by law, and if placed in the hands of an attorney for collection, Customer agrees to pay all collection costs, reasonable attorney fees and court costs.

## Taxes:

All prices are exclusive of any Federal, State or Special Taxes imposed on the sale or use of the merchandise and services listed, which taxes will be added to quoted prices where applicable. If payment of any applicable royalty or license fee is required in connection with any service performed by BES for Customer, such royalty or license fee will be billed to the Customer in addition to the price of the services performed.

## Special Pricing Provisions:

All materials listed in the price schedule are F.O.B. our field stock.

All prices are subject to change without notice.

The prices in this price list apply to normal operations. Special jobs under unusual circumstances on jobs requiring unusual mobilization of equipment and/or personnel, such as blowouts, experimental jobs, etc., are to be subject to special price quotations.

Orders for products of special design, size or materials are not subject to cancellation after processing of such order has begun by BES. Equipment altered, made to Customer's specifications, or requiring special handling, is subject to special prices.

If materials or services are ordered and the Customer cancels same after the materials have been prepared, a charge will be made to the Customer for expenses incurred.

Customer states that the well and all support personnel and services not being supplied by BES are ready and in condition to receive the materials and services being supplied by BES. Customer will be subject to a charge for "stand-by" time incurred by BES. For all BES services, stand-by time is all time our equipment is on location prior to commencement of operations or after completion of operations and is not operating for reasons not within the control of BES. Stand-by time is calculated from time of arrival on location or arrival time as scheduled by Customer, whichever is later, and until equipment is released by Customer.

## Towing Charges:

We will make reasonable attempts to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer. In either event, Customer assumes liability for any damages arising from such pulling or arising from inadequate access to the well site.

## Product Return:

Any BES Products that have been in the hands of the Customer, if not special or obsolete, will be accepted for credit, subject to our approval and inspection, if they are new unused and in salable condition. The Customer will pay the return freight, and will receive credit at the original purchase price less the original outbound freight. Any material classified or ordered as special is not subject to return or cancellation privileges.

## Service Warranty:

There are obviously many conditions in and about the well which we can have no knowledge and over which we can have no control. Therefore, we do not guarantee any particular results from services to be performed hereunder. In interpreting information and making recommendations, either written or oral, as to type or amount of material or service to be furnished, or manner of performance, or in predicting results to be obtained therefrom, BES will give Customer the benefit of its best judgment based on its experience in the field. However, due to the Customer's control of the well the impracticality of providing BES with all the data concerning same, and the necessary reliance of BES upon supporting services, data and facts supplied by others, BES does not guarantee or warrant the accuracy or correctness of any facts, information or data furnished by BES or any interpretation of tests, meter readings, chart information, analysis of research or recommendations made by BES, unless caused by the willful misconduct or gross negligence of BES in the preparation of furnishing of such facts, information or data and NO WARRANTY IS GIVEN CONCERNING THE RECOMMENDATIONS MADE OR SERVICES RENDERED BY THE COMPANY AND NO WARRANTY IS MADE CONCERNING THE RESULTS SOUGHT TO BE OBTAINED THROUGH USE OF MATERIALS RECOMMENDED BY THE COMPANY. The Company's liability for injury to all persons or damage to any property or property rights, including but not limited to reservoir damage sub-surface trespass or drainage, etc., occasioned by reason of materials sold or rented or services performed hereunder shall be limited to those occurring due to the acts of willful misconduct or gross negligence of BES, and Customer agrees to be responsible for and indemnify BES against any loss or damage it may sustain by reason of materials sold or rented or services performed hereunder, unless such loss or damage is caused by the willful misconduct or gross negligence of BES.

## Product Warranty:

BES warrants all materials, products and supplies manufactured or furnished by it to be free from defects in material and workmanship, under normal use and service, when installed, used and serviced in the manner provided and intended, and that it can convey good title thereto. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. BES's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale of use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on the return to BES or at BES's option, to the allowance to the customer of credit for the cost of such items. In no event shall BES be liable for special, incidental, indirect, punitive or consequential damages.

## Service Conditions:

Because there are so many uncertain and unknown conditions not subject to our control, we can neither be liable for injuries to property or persons not for loss or damage arising from the performance of our services or resulting therefrom.

BES shall not be liable or responsible for a Customer shall defend, indemnify, and save BES harmless, and its officers, agents or employees, from and against any and all claims or causes of action for damage to Customer's property and of the well owner, or any third person, and for bodily injury, sickness or disease, including death resulting thereof, brought by or on behalf of Customer, the well owner, or any third person, arising out of or in connection with BES's performance of services or the furnishing of materials, products and supplies, unless caused by the willful misconduct or gross negligence of BES.

Customer shall also be responsible for and shall defend, indemnify and save BES harmless, and its officers, agents or employees, from and against any and all claims, causes of action and liabilities for damages occur-

ring as a result of sub-surface trespass arising out of any oil well operations or services performed by BES, this provision applying to any claims or legal actions or royalty owners, working interest holders, overriding royalty interest holders, or any other person or concern.

Should any of our equipment, tools or instruments become lost in the well when performing or attempting to perform our services hereunder, it is understood that the Customer shall make reasonable effort to recover the lost equipment. The Customer shall assume the entire responsibility for such fishing operations in the recovery or attempted recovery of any such lost equipment, tools or instruments and if such equipment, tools or instruments are not recovered, Customer shall pay BES its replacement cost unless such loss is due to the sole negligence of BES. If BES's equipment, tools or instruments are damaged in the well, Customer shall pay BES the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of BES.

Work done by BES shall be under the direction, supervision and control of the owner, operator, or his agent and BES will perform the work as an independent contractor and not as an employee or agent of the owner or operator.

The Customer shall at all times have complete care, custody and control of the well, the drilling and production equipment at the well and the premises about the well.

Any delays or failure by BES in the performance of this contract shall be excused if and to the extent caused by war, fire, flood, strike, labor trouble, accident riot, acts of God, or any contingencies beyond the reasonable control of BES. Disposal of the chemicals used in the performance of this contract is the responsibility of Customer. Customer agrees the chemicals will be disposed of in accordance with all applicable Federal, State and local laws and regulations.

## General Provisions:

Wherever the initials BES appear in this document, they are intended solely to be an abbreviation of Basic Energy Services LP, and are used in substitution of such full name as if the full name were set out in each instance.

Any modifications of this document by the Customer, and all additional or different terms included in the Customer's purchase order or any other document responding to this document, are hereby objected to BY REQUESTING ANY OF THE GOODS AND SERVICES SET FORTH HEREIN BUYER AGREES TO ALL THE TERMS AND CONDITIONS CONTAINED IN THIS DOCUMENT.

BES reserves the right to change or modify the design of any BES product without obligation to furnish or install such changes or modification on products previously or subsequently sold.

Information regarding our services rendered in Customer's well is held in strict confidence and will be released to others only upon written approval by owner, or when required by Federal, State or Local Laws, Regulations, Orders or Ordinances, or for use as evidence in court proceedings involving the subject matter of services rendered.

Failure to enforce any or all of the herein specified terms or conditions in any particular instance shall not constitute a continuing waiver, or preclude subsequent enforcement thereof.

No employee, representative or agent other than an officer of BES is empowered to alter any of the herein specified terms and conditions.

These terms and condition shall be governed by the laws of the State of Texas, and in case of any one or more of the provisions contained herein shall for any reason be held to be invalid, illegal or unenforceable in any respect, such shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained herein.



Customer <b>LAVETA OIL &amp; GAS</b>	Lease No.	Date <b>11-10-2011</b>
Lease <b>PAUL SPANGENBERG</b>	Well # <b>11</b>	
Field Order # <b>052064</b>	Station <b>PRATT, KS.</b>	Casing <b>5 1/2"</b>
Type Job <b>CNW-5 1/2" L.S.</b>	Depth	County <b>STAFFORD</b>
	Formation <b>CNW 7D-3610'</b>	State <b>KS.</b>
		Legal Description <b>24-22-11</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>5 1/2" x 15.5</b>	Tubing Size	Shots/Ft.	<b>CMT</b>	Acid <b>150SK AA2</b>		RATE	PRESS	ISIP
Depth <b>3005'</b>	Depth	From	To	Pre Pad <b>@ 1.36 CU FT</b>	Max <b>SHOE POINT = 11.10'</b>			<b>-5 Min.</b>
Volume <b>8 3/2</b>	Volume	From	To	Pad	Min			10 Min.
Max Press <b>1500'</b>	Max Press	From	To	Ejac <b>30SK 40/40</b>	Avg <b>0.2 P/LU R.H.</b>			15 Min.
Well Connection <b>P.C.</b>	Annulus Vol.	From	To	<b>D.S.P.</b>	HHP Used			Annulus Pressure
Plug Depth <b>3073'</b>	Packer Depth	From	To	Flush <b>85.5 BBL</b>	Gas Volume			Total Load

Customer Representative **BENNIE GRIFFIN** Station Manager **D. SCOTT** Treater **A. WERTH**

Service Units	<b>28443</b>	<b>19839</b>	<b>19842</b>	<b>19832</b>	<b>21010</b>				
Driver Names	<b>WERTH</b>	<b>LAURENCE</b>	<b>---</b>	<b>LESLEY</b>	<b>---</b>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00 AM					ON LOCATION - SAFETY MEETING
9:01 AM					RUN 87 JTS. 5 1/2" x 15.5" CSA. S.J. 11.7A
					CENT - 1, 2, 3, 4, 5
					BASKET - #2
10:50					CSG. ON BOTTOM
11:00					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
11:15	300 #		12		MUD FLUSH
			5		H <sub>2</sub> O SPACER
			36		MIX 150 SK AA-2 CMT @ 15.3 PPG
					WASH LINE CLEAN / DROP PLUG
11:30			0	8	START DISPLACEMENT
	600 #			7	LIFT PRESSURE
				6	SLOW RATE
11:45	1300 #		85.5	5	PLUG DOWN - HELD
					CIRC. THRU JOBS
12:00	0 m		6.4		PLUG R.H. & M.H.
1:00 PM					JOB COMPLETE
					THANKS -
					ALLAN WERTH
					Keever, Mike



# CEMENTING LOG

STAGE NO.

Date 11-4-11 District Great Bend KS Ticket No. 42288  
 Company Lovata Oil & Gas Rig Petromack Rig #2  
 Lease Paul Spangenberg Well No. 11  
 County St. Charles State KS  
 Location Hudson X35E 1/2 N 1/4 E Field \_\_\_\_\_  
Southwest

CEMENT DATA:  
 Spacer Type: Freshwater  
 Amt. 5661 Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density 8.34 PPG

CASING DATA: Conductor  PTA  Squeeze  Misc   
 Surface  Intermediate  Production  Liner   
 Size 8 5/8 Type new Weight 24# Collar ground

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG  
 TAIL: Pump Time 4.5 hrs. Type Class 4 3%cc  
2%cc Excess 100%  
 Amt. 238 Skys Yield 1.34 ft<sup>3</sup>/sk Density 15.2 PPG  
 WATER: Lead \_\_\_\_\_ gals/sk Tail 6.51 gals/sk Total 36.89 Bbls.

Casing Depths: Top 203 Bottom 205

Pump Trucks Used: 366 Onshore C  
 Bulk Equip. 487-188 Wichita KS

Drill Pipe: Size 4 1/2 Weight \_\_\_\_\_ Collars 2 hole  
 Open Hole: Size 12 1/4 T.D. 210 ft. P.B. to \_\_\_\_\_ ft.

Float Equip: Manufacturer \_\_\_\_\_  
 Shoe: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Float: Type \_\_\_\_\_ Depth \_\_\_\_\_  
 Centralizers: Quantity \_\_\_\_\_ Plugs Top wooden Btm. \_\_\_\_\_  
 Stage Collars \_\_\_\_\_  
 Special Equip. \_\_\_\_\_  
 Disp. Fluid Type Freshwater Amt. 12.42 Bbls. Weight 8.34 PPG  
 Mud Type Native Weight 9.1 PPG

CAPACITY FACTORS:  
 Casing: Bbls/Lin. ft. 0.637 Lin. ft./Bbl. 15.70  
 Open Holes: Bbls/Lin. ft. 1.458 Lin. ft./Bbl. 6.85  
 Drill Pipe: Bbls/Lin. ft. 1.0142 Lin. ft./Bbl. 70.32  
 Annulus: Bbls/Lin. ft. 1.0735 Lin. ft./Bbl. 13.60  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE \_\_\_\_\_ CEMENTER Bob Roller

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						On location - Rig up
						Safety meeting
						Run casing - Pressure circulation
						Rig up cement pump
						Start Fresh water
			6.00	5.00		Fresh water - Start cement
			41.89	36.89		Cement in - Stop pumps
						Release plug - change valves
						Start displacement
			54.31	12.42		Cement did circulate
						Displacement in - plug down - stop pumps

RECEIVED

DEC 20 2011

KCC WICHITA

FINAL DISP. PRESS: \_\_\_\_\_ PSI BUMP PLUG TO \_\_\_\_\_ PSI BLEEDBACK \_\_\_\_\_ BBLs. THANK YOU



## DRILLING INFORMATION AND GEOLOGICAL REPORT

Operator: LaVeta Oil & Gas  
 Lease: #11 Paul Spangenberg  
 Survey: NE NW SW Section 29-22S-11W  
 Field: Richardson  
 County: Stafford  
 State: Kansas

Contractor: Petromark Drilling, Rig 2  
 Elevation: 1827' GL / 1832' KB  
 Surface Casing: 8-5/8" @ 205'  
 Production: 5-1/2"  
 Mud Up: 2791'  
 Geologist: 2968'  
 Pipe Strap: Strap @ 3556' (2.79 long to the board)  
 Survey: Straight hole @ 3556' (3/4 degree deviation)  
 Testing: 2-Trilobite  
 Log: The Perforators-CDN/DI  
 RTD: 3610'  
 LTD: 3610'

### Daily Penetration

11/04/11	Spud
11/05/11	340'
11/06/11	1845'
11/07/11	2750'
11/08/11	3389'
11/09/11	3556'
11/10/11	3610'

RECEIVED  
 DEC 20 2011  
 KCC WICHITA

### Drill Stem Test

DST #1 3549' to 3556'. Strong blow building to bottom of bucket in 90 seconds on the initial flow period. Strong blow building to bottom of the bucket in 2 minutes on the second flow period. Recovered: 180' GIP, 310' Clean Oil and 496' GMWCO (10% gas, 42% oil, 24% water and 24% mud), 120' MCW (82% water and 18% mud) and 562' Water. API Gravity 41.4 and Chlorides at 36,000 ppm. IFP/30" 104-473#, ISIP/45" 1144#, FFP/45" 492-778, FSIP/60" 1135#.

DST #2 3563' to 3572'. Strong blow building to bottom of bucket in 30 seconds on the initial flow period. Strong blow building to bottom of the bucket in 1 minute of the second flow period. Recovered: 186' VSOCWM (1% oil, 49% water and 50% mud) and 2,200' Water. Chlorides at 40,000 ppm. IFP/30" 477-996#, ISIP/45" 1144#, FFP/45" 1035-1140#, FSIP/60" 1167#.

### Formation Tops

<u>Formation</u>	<u>Sample Top</u>	<u>Datum</u>	<u>Log Top</u>	<u>Datum</u>	<u>Structural Comparison*</u>
Heebner	3083'	-1251	3082'	-1250	+3
Toronto	3102'	-1270	3100'	-1268	+3
Douglas	3117'	-1285	3117'	-1285	+2
Brown Lime	3220'	-1388	3218'	-1386	+4
Lansing	3247'	-1415	3245'	-1413	+4
B/KC	3493'	-1661	3492'	-1660	+4
Arbuckle	3549'	-1717	3549'	-1717	+7

\*Reference well for structural comparison: LaVeta Oil & Gas, LLC, #9 P. Spangenberg (producing well to the east), 2190' FSL & 1770' FWL, Section 29-22S-11W, Stafford County, Kansas.

### Zones of Interest – See Enclosed Strip Log

3549'-3556' Arbuckle Formation. Dolomite, tan in color, fine crystalline and sucrosic. Fair inter-crystalline and vug type porosity. Trace of oolitic chert. There was a good strong odor in the fresh sample with a fair showing of free oil and gas bubbles. Some uniform light brown staining (30%). This zone was covered in DST #1.

3565'-3569' Arbuckle Formation. Dolomite, tan in color, more medium to coarse crystalline with fair inter-crystalline and good vug porosity. Trace of oolitic chert. There was a very strong odor in the fresh sample with a show of free oil. Scattered uniform brown staining (5%). This zone was covered in DST #2.

RECEIVED  
DEC 20 2011  
KCC WICHITA

### Comments and Recommendations

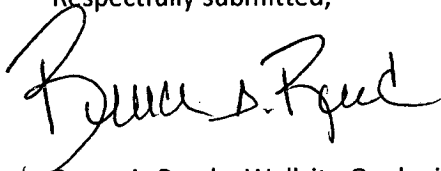
All tops have been corrected to the electric log for structural comparison. This test ran structurally higher than the producing well to the east of this test on the top of the Arbuckle (+7 feet), which is the primary producing horizon in the Richardson Field.

A good strong odor was noted after penetrating the Arbuckle with shows of free oil and some uniform brown staining. This zone was embraced in Drill Stem Test #1 and recovered commercial shows of oil and formation water with good bottom hole pressures. A second break was noted in the Arbuckle with a strong odor, shows of oil and some uniform brown staining. This zone was embraced in Drill Stem Test #2 and recovered very slight shows of oil and mostly formation water with good bottom hole pressures.

It was therefore recommended that an oil string of casing be set to further test this well through selected perforations, limited to the very upper portion of the Arbuckle porosity, once a cased hole log has been completed.

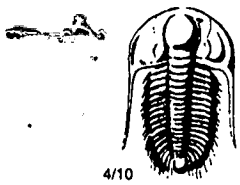
The drill cuttings have been delivered to the Kansas Geological Survey.

Respectfully submitted,



Bruce A. Reed – Wellsite Geologist

RECEIVED  
DEC 20 2011  
KCC WICHITA



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 44034

Well Name & No. Spangenberg 11 Test No. 2 Date 11/09/11  
 Company Laveta Oil & Gas Elevation 1832 KB 1827 GL  
 Address Po Box 780 Middleburg, VA 20118  
 Co. Rep / Geo. Bruce Reed Rig Petroleum 2  
 Location: Sec. 29 Twp. 27S Rge. 11 W Co. Stafford State KS

Interval Tested 3563 - 3572 Zone Tested Arbuckle  
 Anchor Length 9 Drill Pipe Run 3427 Mud Wt. 9.4  
 Top Packer Depth 3558 Drill Collars Run 121 Vis 66  
 Bottom Packer Depth 3563 Wt. Pipe Run 0 WL 12.4  
 Total Depth 3572 Chlorides 11,306 ppm System LCM

Blow Description IF: Strong Blow, BOB in 30 seconds  
FSI: weak surface Blowback  
FF: Strong Blow, BOB in 1 min  
FSI: No Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>186</u>	<u>Feet of 505 WM</u>		<u>+ 1</u>	<u>49</u>	<u>50</u>
<u>2200</u>	<u>Feet of water</u>				
<u>    </u>	<u>Feet of</u>				
<u>    </u>	<u>Feet of</u>				
<u>    </u>	<u>Feet of</u>				

Rec Total 2386 BHT 108 Gravity N/A API RW 2' @ 60 °F Chlorides 40,000 ppm

(A) Initial Hydrostatic <u>1940</u>	<input checked="" type="checkbox"/> Test	T-On Location <u>10:15</u>
(B) First Initial Flow <u>477</u>	<input type="checkbox"/> Jars	T-Started <u>10:27</u>
(C) First Final Flow <u>996</u>	<input type="checkbox"/> Safety Joint	T-Open <u>11:32</u>
(D) Initial Shut-In <u>1144</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>14:30</u>
(E) Second Initial Flow <u>1035</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>11:52</u>
(F) Second Final Flow <u>1140</u>	<input checked="" type="checkbox"/> Mileage <u>(80)</u>	Comments _____
(G) Final Shut-In <u>1167</u>	<input type="checkbox"/> Sampler	_____
(H) Final Hydrostatic <u>1744</u>	<input type="checkbox"/> Straddle	_____

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 45  
 Final Shut-In 60

Shale Packer **RECEIVED**  
 Extra Packer **DEC 20 2011**  
 Extra Recorder **KCC WICHITA**  
 Day Standby  
 Accessibility

Sub Total \_\_\_\_\_  
 Total \_\_\_\_\_  
 MP/DST Disc't \_\_\_\_\_

Approved By Bruce A. Reed Our Representative \_\_\_\_\_

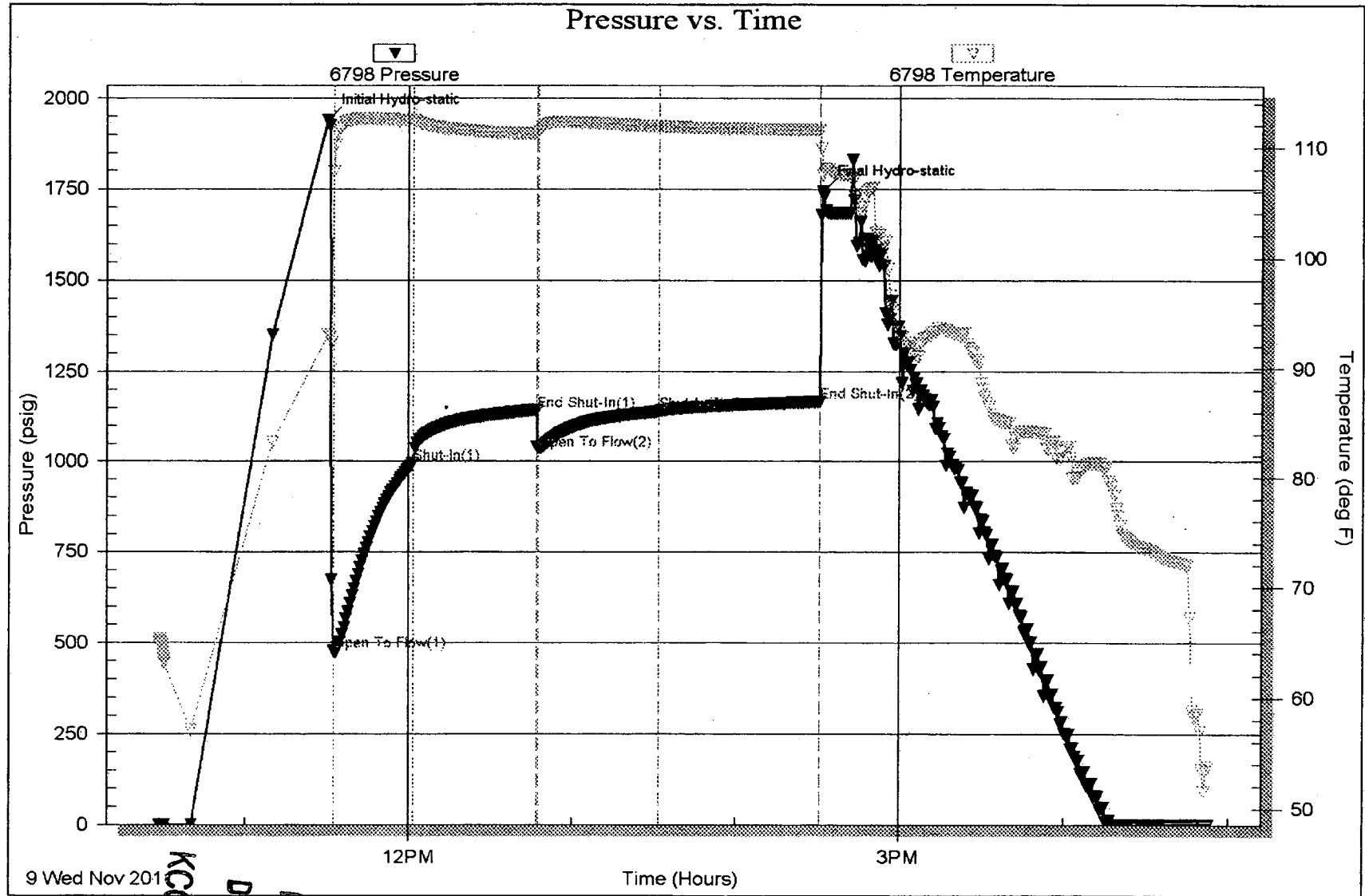
Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

Serial #: 6798

Inside Laveta Oil & Gas

Spangenberg 11

DST Test Number: 2



9 Wed Nov 2011

RECEIVED  
DEC 20 2011  
KCC WICHITA

Time (Hours)

Trilobite Testing, Inc

Ref. No: 44034

Printed: 2011.11.09 @ 17:02:27



**TRIOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Laveta Oil & Gas  
PO Box 780  
Middleburg, VA 20118  
ATTN: Bruce Reed

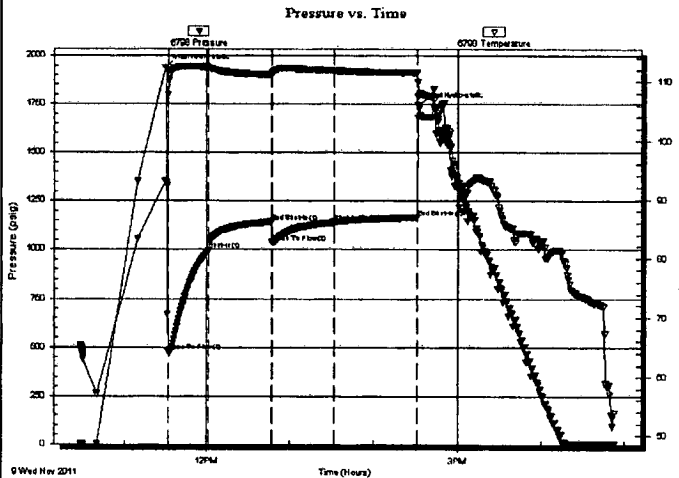
29-22S-11W Stafford  
**Spangenberg 11**  
Job Ticket: 44034      DST#: 2  
Test Start: 2011.11.09 @ 10:27:50

### GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 11:32:20  
Time Test Ended: 16:52:50  
Interval: **3563.00 ft (KB) To 3572.00 ft (KB) (TVD)**  
Total Depth: **3572.00 ft (KB) (TVD)**  
Hole Diameter: **7.97 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole (Reset)**  
Tester: **Leal Cason**  
Unit No: **45**  
Reference Elevations: **1832.00 ft (KB)**  
**1827.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

**Serial #: 6798**      Inside  
Press@RunDepth: **1139.69 psig @ 3564.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2011.11.09**      End Date: **2011.11.09**      Last Calib.: **2011.11.09**  
Start Time: **10:27:50**      End Time: **16:52:50**      Time On Btm: **2011.11.09 @ 11:30:05**  
Time Off Btm: **2011.11.09 @ 14:32:05**

TEST COMMENT: IF: Strong Blow, BOB in 30 seconds  
IS: Weak Surface Blow back  
FF: Strong Blow, BOB in 1minute  
SI: No Blow back



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1939.66	93.07	Initial Hydro-static
3	477.13	107.82	Open To Flow (1)
32	995.78	112.45	Shut-In(1)
77	1143.69	111.23	End Shut-In(1)
78	1034.79	111.40	Open To Flow (2)
122	1139.69	111.93	Shut-In(2)
181	1167.32	111.57	End Shut-In(2)
182	1743.68	107.50	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
2200.00	Water	29.76
186.00	SOSWM +1%O 49%W 50%M	2.61

\* Recovery from multiple tests

### Gas Rates

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





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 44033

Well Name & No. Spangenberg 11 Test No. 1 Date 11/08/11  
 Company LAVETA OIL & GAS Elevation 1832 KB 1827 GL  
 Address PO BOX 780 Middleburg, VA 20118  
 Co. Rep / Geo. Bruce Reed Rig Petromark 2  
 Location: Sec. 29 Twp. 22S Rge. 11W Co. Stafford State Ks

Interval Tested 3549 - 3556 Zone Tested ~~Arbuckk~~ Arbuckk  
 Anchor Length 7 Drill Pipe Run 3435 Mud Wt. 9.4  
 Top Packer Depth 3544 Drill Collars Run 121 Vis 61  
 Bottom Packer Depth 3549 Wt. Pipe Run 0 WL 9.2  
 Total Depth 3556 Chlorides 8900 ppm System LCM

Blow Description IF: Strong Blow, BOB in 90 seconds  
IST: Blowback Built to BOB in 18 minutes  
FF: Strong Blow, BOB in 2 minutes  
FSI: Blowback Built to BOB in 22 minutes

Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>GIP</u>				
<u>310</u>	<u>654 oil</u>	<u>10</u>	<u>90</u>		
<u>496</u>	<u>GMWCO</u>	<u>10</u>	<u>42</u>	<u>24</u>	<u>24</u>
<u>120</u>	<u>MCW</u>			<u>82</u>	<u>18</u>
<u>562</u>	<u>water</u>				

Rec Total 1488 BHT 108 Gravity 41.4 API RW .35 @ 40 °F Chlorides 36000 ppm

(A) Initial Hydrostatic 1891  Test 17:45 T-On Location  
 (B) First Initial Flow 104  Jars 18:09 T-Started  
 (C) First Final Flow 473  Safety Joint 20:56 T-Open  
 (D) Initial Shut-In 1144  Circ Sub 00:00 T-Pulled  
 (E) Second Initial Flow 492  Hourly Standby 03:21 T-Out  
 (F) Second Final Flow 778  Mileage 807 Comments  
 (G) Final Shut-In 1135  Sampler  
 (H) Final Hydrostatic 1773  Straddle

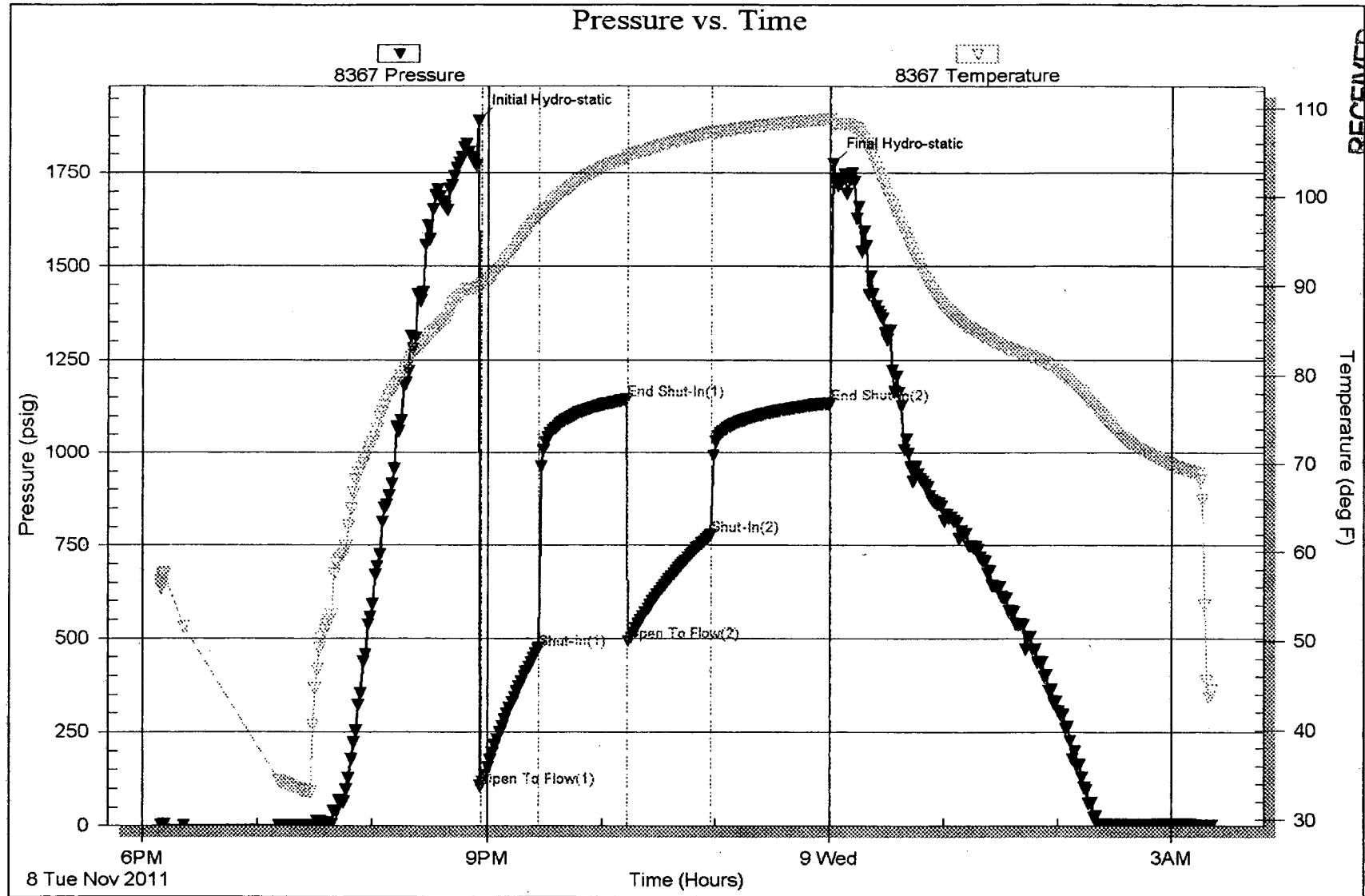
Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Ruined Shale Packer  
 Ruined Packer  
 Extra Copies

Initial Open 30  
 Initial Shut-In 45  
 Final Flow 45  
 Final Shut-In 60

Sub Total DEC 20 2011  
 Total KCC WICHITA  
 MP/DST Disc't

Approved By Bruce Reed Our Representative [Signature]

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



RECEIVED

DEC 20 2011

KCC WICHITA



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Laveta Oil & Gas  
PO Box 780  
Middleburg, VA 20118  
ATTN: Bruce Reed

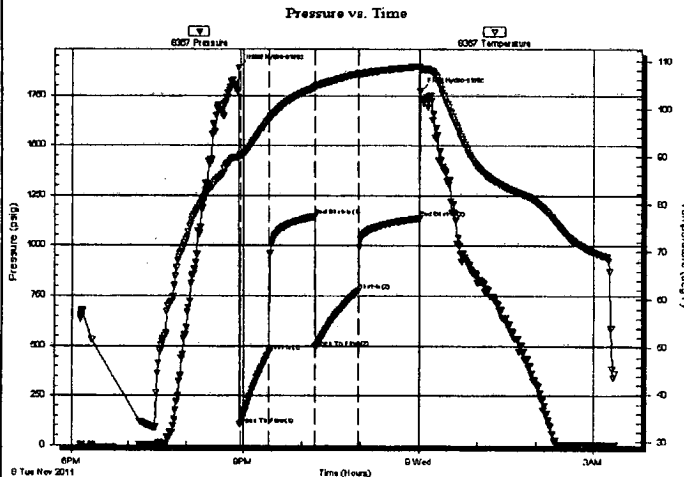
29-22S-11W Stafford  
**Spangenberg 11**  
Job Ticket: 44033      **DST#: 1**  
Test Start: 2011.11.08 @ 18:09:14

### GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: **No** Whipstock: **ft (KB)**  
Time Tool Opened: **20:56:29**  
Time Test Ended: **03:21:14**  
Test Type: **Conventional Bottom Hole (Initial)**  
Tester: **Leal Cason**  
Unit No: **45**  
Interval: **3549.00 ft (KB) To 3556.00 ft (KB) (TVD)**  
Reference Elevations: **1832.00 ft (KB)**  
**1827.00 ft (CF)**  
Total Depth: **3556.00 ft (KB) (TVD)**  
Hole Diameter: **7.97 inches** Hole Condition: **Good**  
KB to GR/CF: **5.00 ft**

**Serial #: 8367**      **Outside**  
Press@RunDepth: **777.94 psig @ 3550.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2011.11.08**      End Date: **2011.11.09**      Last Calib.: **2011.11.09**  
Start Time: **18:09:14** \*      End Time: **03:21:14**      Time On Btm: **2011.11.08 @ 20:54:59**  
Time Off Btm: **2011.11.09 @ 00:01:14**

**TEST COMMENT:** IF: Strong Blow, BOB in 90 seconds  
IS: Blow back Built to BOB in 18 minutes  
FF: Strong Blow, BOB in 2 minutes  
FS: Blow back Built to BOB in 22 minutes



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1890.86	89.76	Initial Hydro-static
2	104.32	90.12	Open To Flow (1)
32	472.76	97.86	Shut-In(1)
78	1143.87	104.37	End Shut-In(1)
79	492.45	104.67	Open To Flow (2)
123	777.94	107.27	Shut-In(2)
186	1134.67	108.79	End Shut-In(2)
187	1773.02	108.15	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
0.00	180 GIP	0.00
562.00	Water	6.78
120.00	MCW 18%M 82%W	1.68
496.00	GMWCO 10%G 24%M 24%W 42%O	6.96
310.00	GSY Oil	4.35

### Gas Rates

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

API # 15-185-23707-00-00

STATE Kansas  
 COUNTY LeVeta Oil  
 SURVEY P. 55-185-23707-00-00  
 BLOCK 225 NW  
 SECTION 20  
 TOTAL DEPTH 2610  
 CONTRACTOR Petroleum Rig 2  
 COMMENCEMENT 11/4/11  
 COMPLETION 11/10/11

1892 20  
 254 205  
 514

RECEIVED  
 DEC 21 2011  
 KCC WICHITA

TIME SCALE SCALE 1:100  
 PENETRATOR 450-A

