

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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  
Address 1: P.O. Box 780  
Address 2: \_\_\_\_\_  
City: Middleburg State: VA Zip: 20118 + \_\_\_\_\_  
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: \_\_\_\_\_  
 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 #: \_\_\_\_\_

6/7/11	6/12/11	6/20/11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 185-23678 - 00 - 00  
Spot Description: \_\_\_\_\_  
SW SW NW NE Sec. 31 Twp. 22 S. R. 11  East  West  
1,200 Feet from  North /  South Line of Section  
2,480 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Stafford  
Lease Name: Heyen B Well #: 13  
Field Name: Richardson  
Producing Formation: Arbuckle  
Elevation: Ground: 1815' Kelly Bushing: 1820'  
Total Depth: 3527' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 215 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: 5600 ppm Fluid volume: 500 bbls  
Dewatering method used: Haul by truck  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: LaVeta Oil & Gas  
Lease Name: Heyen CJ #1 License #: 32432  
Quarter NW/4 Sec. 32 Twp. 22 S. R. 11  East  West  
County: Stafford Permit #: DO2847

**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: 7/19/11

KCC Office Use ONLY RECEIVED

Letter of Confidentiality Received  
Date: JUL 21 2011  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Dlg Date: 7/29/11  
KCC WICHITA

Operator Name: LaVeta Oil & Gas Lease Name: Heyen B Well #: 13  
 Sec. 31 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 checked="" 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:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Douglas Shale</td> <td>3095</td> <td>-1275</td> </tr> <tr> <td>Brown Lime</td> <td>3201</td> <td>-1381</td> </tr> <tr> <td>Lansing</td> <td>3226</td> <td>-1406</td> </tr> <tr> <td>Base KC</td> <td>3472</td> <td>-1652</td> </tr> <tr> <td>Arbuckle</td> <td>3521</td> <td>-1701</td> </tr> </tbody> </table>	Name	Top	Datum	Douglas Shale	3095	-1275	Brown Lime	3201	-1381	Lansing	3226	-1406	Base KC	3472	-1652	Arbuckle	3521	-1701
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Arbuckle	3521	-1701																	

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"	23#	220'	common	250	2% gel & 3% CC
Production pipe	7 7/8"	5 1/2"	15.50#	3521'	AA2	150	AA2@15.3/cal

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
NA	Open Hole		3521-27'

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>3505'</u>	Packer At: <u>NA</u>	Liner Run: <input type="checkbox"/> Yes <input 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>50</u>	Gas Mcf <u>NA</u>	Water Bbls. <u>30</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 checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. (Submit ACO-5) <input type="checkbox"/> Commingled (Submit ACO-4) <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer <b>TAUETA OIL &amp; GAS LLC</b>	Lease No.	Date <b>10-13-2011</b>
Lease <b>HEYEN 'B'</b>	Well # <b>13</b>	
Field Order #	Station <b>PRATT, KS.</b>	Casing <b>5 1/2"</b>
		Depth <b>2527'</b>
Type Job <b>C.N.W. - 5 1/2" L.S. W/PACKER SHOE</b>	Formation	Legal Description <b>31-22-11</b>
		County <b>STAFFORD</b>
		State <b>KS.</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <b>5 1/2"</b>	Tubing Size	Shots/Ft	<b>CNTT -</b>	Acid <b>150SK AA2</b>	RATE	PRESS	ISIP	
Depth <b>2521.44'</b>	Depth	From	To	Pre Pad <b>(2) 1.26LIT</b>	Max		5 Min.	
Volume <b>211.77 BBL</b>	Volume	From	To	Pad	Min		10 Min.	
Max Press <b>1500</b>	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <b>1 1/2"</b>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <b>3520.54'</b>	Packer Depth	From	To	Flush <b>13.5 BBL</b>	Gas Volume		Total Load	

Customer Representative <b>BENNIE G.</b>	Station Manager <b>D. SCOT</b>	Treater <b>K. LESLEY</b>
Service Units <b>19810</b>	<b>19829</b>	<b>19842</b>
Driver Names <b>LESLEY</b>	<b>MICHAEL</b>	<b>HINTER/MIKE</b>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
6:30AM					ON LOCATION - SAFETY MEETING
7:15AM					RUN 5 1/2" x 15.5" = 87 STS.
					VENT- 1, 2, 3, PASK - TGT #1
					PSG. ON BOTTOM
8:45AM					HOOK UP TO PSG. / LINEBACK (IRC. W/RIG)
1:55AM					SET PACKER SHOE W/PUMP TRUCK
1:56AM	150		5	6	H2O AHEAD
1:43AM	150		12	6	MUD FLUSH
10:00AM	150		5	6	H2O SPACER
10:07AM	100		36	6	MIX 150SKS AA2 @ 15.3"/GAL
10:10AM					CLEAR PUMP FLINE / DRIP D. PLUG
10:15AM	0		0	7	START DISPLACEMENT
10:23AM	200		53	6	EFT PRESSURE
10:27AM	500		70	5	SLOW RATE
10:30AM	1500		83.5	4	PLUG DOWN - HELD
					CIRCULATIONAL THRU JOBS
			6		PLUG R.H.
					RECEIVED
					JUL 21 2011
					KCC WICHITA

YJB COMPLETE,  
THANKS -  
KEVEN / LESLEY



**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 04294 A

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

DATE OF JOB: 6-13-2011 DISTRICT: PRATT, Ks.		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: LAVETA OIL & GAS LLC		LEASE: HEVEN!		WELL NO. 13					
ADDRESS:		COUNTY: STAFFORD		STATE: Ks.					
CITY:		SERVICE CREW: LESLEY, MICHELL, HUNTER							
AUTHORIZED BY:		JOB TYPE: CNW - 5 1/2" C.S.							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
17870	.5						6-13-11	AM	4:30
17879-17842	.5					ARRIVED AT JOB		AM	6:30
17832-17862	.5					START OPERATION		AM	10:00
						FINISH OPERATION		AM	11:00
						RELEASED		AM	11:00
						MILES FROM STATION TO WELL	40		

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
CP 105	FA2 CEMENT	SK	150		
CP 103	60/40 TSP	SK	30		
CC 102	CELL-FLAKE	lb	32		
CC 105	DE-FOAMER	lb	29		
CC 111	SALT	lb	121		
CC 110	CEMENT FRICTION REDUCER	lb	13		
CC 115	GAS-BLOCK	lb	141		
CC 129	FLA-322	lb	71		
CC 201	916 SONITE	lb	750		
CF 1007	LATCH DOWN TUB & BAFFLE, 5 1/2"	EA	1		
CF 1001	CEMENT PACKER SNEE, 5 1/2"	EA	1		
CF 1051	TURBULIZER, 5 1/2"	EA	3		
CF 1901	BASKET, 5 1/2"	EA	1		
					RECEIVED
					JUL 21 2011
					KCC WICHITA

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE: _____	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

## 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. 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. Customer's 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 or 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 nor 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 therefrom, 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 of 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 hereth 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 hereth specified terms and conditions.

These terms and conditions 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.



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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 nor 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 therefrom, 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.

# ALLIED CEMENTING CO., LLC. 037215

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

SERVICE POINT:  
Great Bend KS

DATE <u>6-7-2011</u>	SEC. <u>21</u>	TWP. <u>22S</u>	RANGE <u>11W</u>	CALLED OUT	ON LOCATION	JOB START <u>12:00 AM</u>	JOB FINISH <u>12:30 AM</u>
LEASE <u>Heyco</u>	WELL # <u>B-13</u>	LOCATION <u>Hudson 5E/3.10</u>	STAFFORD	STATE <u>KS</u>			
OLD OR NEW (Circle one)							

CONTRACTOR Pctremark  
 TYPE OF JOB Surface  
 HOLE SIZE 12 1/4 T.D. 221 FT  
 CASING SIZE 8 5/8 DEPTH 221 FT  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 DEPTH 221 FT  
 TOOL DEPTH  
 PRES. MAX 300 PSI MINIMUM  
 MEAS. LINE SHOE JOINT 15 FT  
 CEMENT LEFT IN CSG. 15 FT  
 PERFS.  
 DISPLACEMENT Fresh Water

OWNER Laveta O. & Gas  
 CEMENT  
 AMOUNT ORDERED 275 @ 60' 40' 3% CC + 2% Gel + 1/4 # FLO seal  
 COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 ASC @  
 HANDLING @  
 MILEAGE @

**EQUIPMENT**

PUMP TRUCK CEMENTER David W.  
 # 224 HELPER Bob B.  
 BULK TRUCK  
 # 482/188 DRIVER FRANK H.  
 BULK TRUCK  
 # DRIVER

**REMARKS:**

Pipe on bottom broke. Re  
Mix 275 @ 60' 40' 3% CC + 2% Gel  
+ 1/4 # FLO seal shot down Rekas  
Plug Displace with Fresh  
Water shot in cement  
did circ wash up rig down.

**SERVICE**

DEPTH OF JOB 221 FT  
 PUMP TRUCK CHARGE  
 EXTRA FOOTAGE @  
 MILEAGE @  
 MANIFOLD @

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CHARGE TO: Laveta O. & Gas  
 STREET  
 CITY STATE ZIP

**PLUG & FLOAT EQUIPMENT**

Wash on rig @  
 @  
 @  
 @  
 @

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

PRINTED NAME Jim Mickle

SIGNATURE Jim Mickle

Thank you

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



## 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.



**DRILLING INFORMATION  
AND GEOLOGICAL REPORT**

Operator: LaVeta Oil & Gas  
 Lease: #13 Heyen B  
 Survey: 1200' FNL & 2480' FEL, Section 31-22S-11W  
 Field: Richardson  
 County: Stafford  
 State: Kansas

Contractor: Petromark Drilling, Rig 2  
 Elevation: 1815' GL / 1820' KB  
 Surface Casing: 8-5/8" @ 215'  
 Production: 5-1/2"  
 Mud Up: 2821'  
 Geologist: 3159'  
 Pipe Strap: Strap @ 3402' (-0.57 short to the board)  
 Survey: Straight hole @ 3402' (1 degree deviation)  
 Testing: 2-Trilobite  
 Log: The Perforators-CDN/DI  
 RTD: 3527'  
 LTD: 3526'

**Daily Penetration**

06/07/11	Spud
06/08/11	221'
06/09/11	1830'
06/10/11	2797'
06/11/11	3356'
06/12/11	3482'
06/13/11	3527'

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### Drill Stem Test

DST #1 3350' to 3402'. Fair blow building to bottom of bucket in 12 minutes on the initial flow period. Fair blow building to bottom of the bucket in 19 minutes on the second flow period. Recovered: 31' SOMCW (2% oil, 58% water and 40% mud) and 420' Water (Chlorides measured at 110,000 ppm). IFP/30" 44-165#, ISIP/45" 743#, FFP/45" 183-285, FSIP/60" 725#.

DST #2 3503' to 3525'. Fair blow building to bottom of bucket in 12 minutes on the initial flow period. Fair blow building to bottom of the bucket in 15 minutes of the second flow period. Recovered: 320' GIP, 380' CGO (10% gas and 90% oil) and 121' GOCM (30% gas, 20% oil and 50% mud). API Gravity 31.8. IFP/30" 41-113#, ISIP/45" 1188#, FFP/45" 117-182#, FSIP/60" 1180#.

### Formation Tops

<u>Formation</u>	<u>Sample Top</u>	<u>Datum</u>	<u>Log Top</u>	<u>Datum</u>	<u>Structural Comparison*</u>
Heebner	3062'	-1242	3061'	-1241	+2
Toronto	3080'	-1260	3078'	-1258	
Douglas	3095'	-1275	3094'	-1274	
Brown Lime	3201'	-1381	3200'	-1380	+3
Lansing	3226'	-1406	3225'	-1405	+3
B/KC	3472'	-1652	3470'	-1650	+6
Simpson	3504'	-1684	3504'	-1684	
Arbuckle	3521'	-1701	3520'	-1700	+14

\*Reference well for structural comparison: Clinton Oil Company, #B-10 Heyen, 1650' FSL and 330' FWL Section 31-22-11W, Stafford County, Kansas

### Zones of Interest – See Enclosed Strip Log

- 3296'-3302' Lansing / KC "F" Zone. Limestone, cream, white, gray to tan, fine crystalline with rare scattered pinpoint porosity. There was a fair odor in the fresh sample with no show of free oil.
- 3357'-3362' Lansing / KC "H" Zone. Limestone, light tan, oolitic to oolitic with fair to good inter-oolitic porosity. There was an odor in the fresh sample with a fair showing of free oil and gas bubbles. This zone was covered by DST #1.
- 3372'-3378' Lansing / KC "I" Zone. Limestone, cream, white to tan, fine crystalline with rare vug porosity. There was an odor in the fresh sample with a slight show of free oil. This zone was covered by DST #1.
- 3395'-3401' Lansing / KC "J" Zone. Limestone, cream to white, fine to medium crystalline with scattered rare pinpoint and vug porosity. There was an odor in the fresh sample with a slight show of free oil. This zone was covered by DST #1.

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### Zones of Interest - Continued

3521'-3527' Arbuckle Formation. Dolomite, tan to cream, fine crystalline and sucrosic. Poor to fair inter-crystalline porosity. Good strong odor in the fresh sample with a slight showing of free oil and gas bubbles. This zone was covered in DST #2.

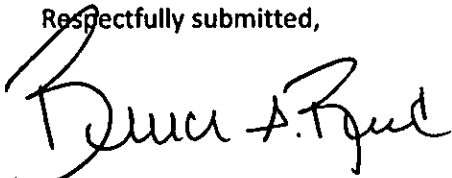
### Comments and Recommendations

All tops have been corrected to the electric log for structural comparison. This test ran structurally higher than the abandoned producing well to the northeast of this test on the top of the Lansing / Kansas City (+ 3 feet) and the Arbuckle (+14 feet), which is the primary producing horizon in the Richardson Field.

Slight to fair showings of oil were noted during drilling in the Lansing/Kansas City "H", "I" and "J" zones but were condemned by Drill Stem Test #1. A good strong odor was noted after penetrating the Arbuckle with slight shows of free oil and gas bubbles. This zone was embraced in Drill Stem Test #2 and recovered commercial shows of oil with excellent bottom hole pressures. It was therefore recommended that an oil string of casing be set to further test this well.

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

Respectfully submitted,



Bruce A. Reed – Wellsite Geologist

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# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 042457

Well Name & No. Heyen B #13 Test No. 1 Date 06/11/11  
 Company Laketa Oil & Gas Elevation 1820 KB 1815 GL  
 Address PO Box 780 Middleburg Va 20118  
 Co. Rep / Geo. Bruce Reed Rig Pettomark Rig #2  
 Location: Sec. 31 Twp. 22S Rge. 11W 1 Co. Stafford State K5

Interval Tested 3350 - 3402 Zone Tested Lansing / KC H-J  
 Anchor Length 32 Drill Pipe Run 3239 Mud Wt. 9.1  
 Top Packer Depth 3345 Drill Collars Run 121 Vis 80  
 Bottom Packer Depth 3350 Wt. Pipe Run 0 WL 10.4  
 Total Depth 3402 Chlorides 7600 ppm System LCM

Blow Description IF: Fair Blow, BOB in 12 minutes

TSI: Bled off, NO Blowback

FF: Fair Blow, BOB in 19 minutes

FSI: Bled off,

Rec	Feet of	%gas	%oil	%water	%mud
<u>31</u>	<u>SOMCW</u>	<u>2</u>	<u>58</u>	<u>40</u>	<u></u>
<u>420</u>	<u>water</u>				
Rec Total	<u>451</u> BHT <u>1090</u>	Gravity <u>N/C</u>	API RW <u>.075</u> @ <u>70</u> °F	Chlorides <u>110,000</u>	ppm

- (A) Initial Hydrostatic 1734
- (B) First Initial Flow 44
- (C) First Final Flow 165
- (D) Initial Shut-In 743
- (E) Second Initial Flow 183
- (F) Second Final Flow 285
- (G) Final Shut-In 725
- (H) Final Hydrostatic 1543

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

- Test
- Jars
- Safety Joint
- Circ Sub
- Hourly Standby
- Mileage (800)
- Sampler
- Straddle
- Shale Packer
- Extra Packer
- Extra Recorder
- Day Standby
- Accessibility
- Sub Total

- T-On Location 16:45
- T-Started 17:37
- T-Open 19:29
- T-Pulled 22:31
- T-Out 00:34

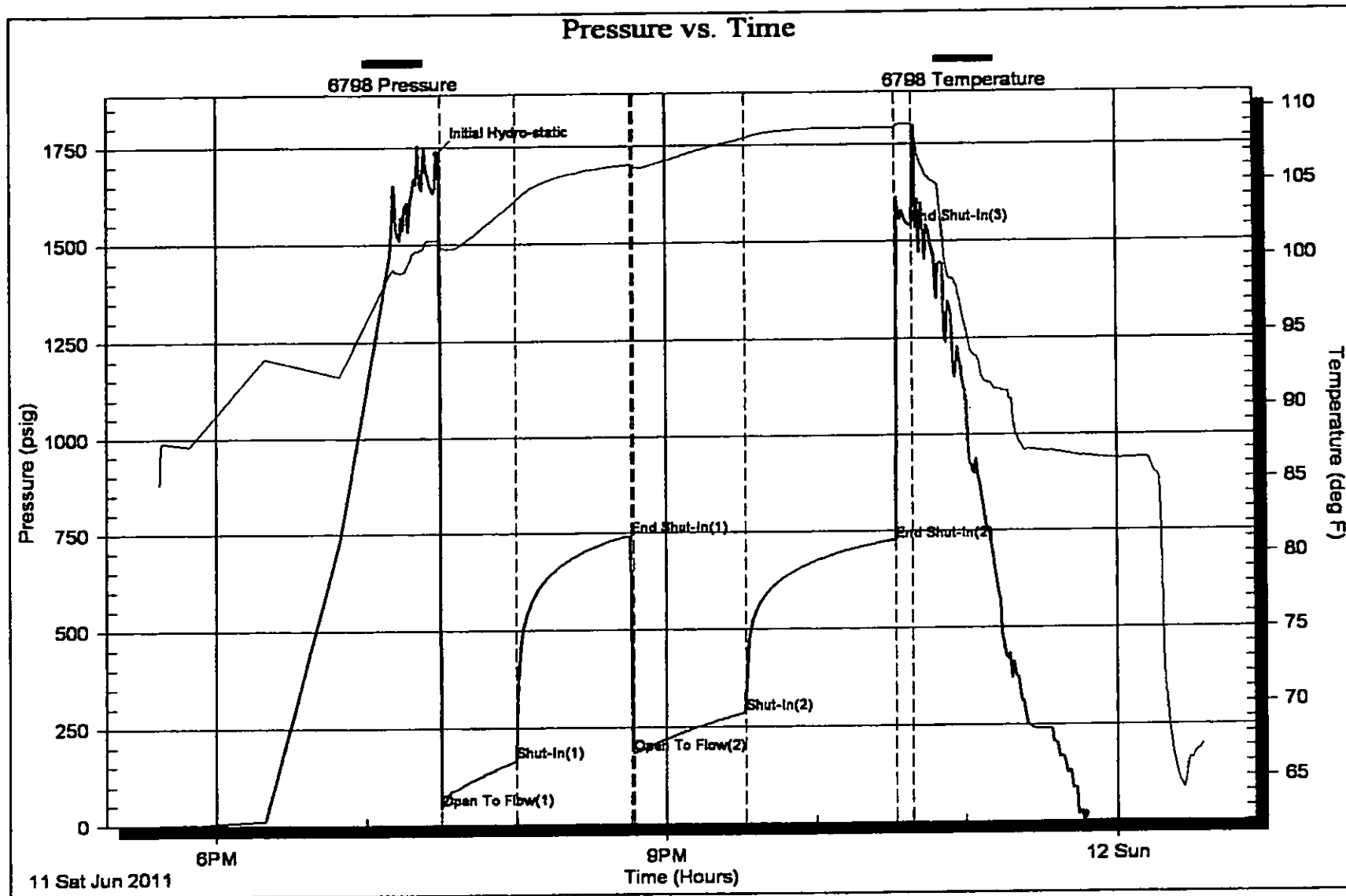
- Comments
- Ruined Shale Packer
- Ruined Packer
- Extra Copies
- Sub Total JUL 21 2011
- Total
- MP/DST Disc't KCC WICHITA

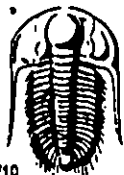
Approved By Bruce Reed

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.







# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 042458

Well Name & No. Heyen B #13 Test No. 2 Date 06/12/11  
 Company LaVeta Oil & Gas Elevation 1820 KB 1815 GL  
 Address PO BOX 780 Middleburg Va 20118  
 Co. Rep / Geo. Bruce Reed Rig Peromark Rig #2  
 Location: Sec. 31 Twp. 22S Rge. 11W Co. Stafford State KS

Interval Tested 3503 - 3527 Zone Tested Arkucke  
 Anchor Length 24 Drill Pipe Run 3366 Mud Wt. 9.2  
 Top Packer Depth 3498 Drill Collars Run 121 Vis 66  
 Bottom Packer Depth 3503 Wt. Pipe Run 0 WL 10.8  
 Total Depth 3527 Chlorides 9000 ppm System LCM

Blow Description IF: Fair Blow, BOB in 12 minutes  
ISI: Bled off, blowback built 7.0 inch  
FF: Fair Blow, BOB in 15 minutes  
EST: Bled off, NO blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>320</u>	<u>GIP</u>				
<u>380</u>	<u>Clean Gassy Oil</u>	<u>10%</u>	<u>90%</u>		
<u>121</u>	<u>GSY OCM</u>	<u>30%</u>	<u>20%</u>		<u>50%</u>

Rec Total 501 BHT 111 Gravity 31.8 API RW N/C @ NK F Chlorides N/C ppm

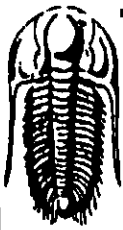
(A) Initial Hydrostatic 1839  Test 11:15 T-On Location  
 (B) First Initial Flow 41  Jars 11:44 T-Started  
 (C) First Final Flow 113  Safety Joint 12:55 T-Open  
 (D) Initial Shut-In 1188  Circ Sub 15:59 T-Pulled  
 (E) Second Initial Flow 117  Hourly Standby 17:56 T-Out  
 (F) Second Final Flow 182  Mileage 80 Comments  
 (G) Final Shut-In ~~1180~~ 1180  Sampler  
 (H) Final Hydrostatic 1920  Straddle  
 Shale Packer  
 Shale Packer  
 Extra Packer  
 Extra Recorder  
 Day Standby  
 Accessibility  
 Sub Total

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

Approved By Bruce A. 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.





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

LaVeta Oil & Gas  
PO Box 780  
Middleberg, VA 20118  
ATTN: Bruce Reed

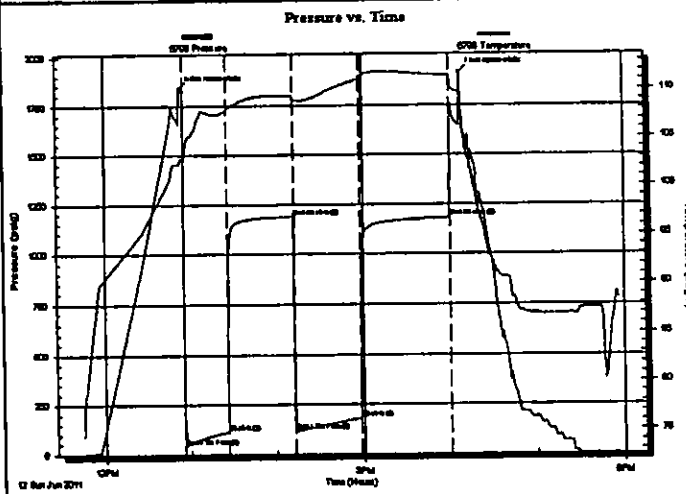
Heyen B # 13  
31-22S-11W Stafford  
Job Ticket: 042458 DST#: 2  
Test Start: 2011.06.12 @ 11:44:29

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: **No Whipstock** ft (KB)  
Time Tool Opened: 12:55:59  
Time Test Ended: 17:56:29  
Interval: **3503.00 ft (KB) To 3527.00 ft (KB) (TVD)**  
Total Depth: **3527.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Bottom Hole**  
Tester: **Leal Cason**  
Unit No: **45**  
Reference Elevations: **1820.00 ft (KB)**  
**1815.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

Serial #: **6798** Inside  
Press@RunDepth: **181.91 psig @ 3504.00 ft (KB)**  
Start Date: **2011.06.12** End Date: **2011.06.12**  
Start Time: **11:44:29** End Time: **17:56:29**  
Capacity: **8000.00 psig**  
Last Calib.: **2011.06.12**  
Time On Btm: **2011.06.12 @ 12:53:29**  
Time Off Btm: **2011.06.12 @ 16:06:59**

**TEST COMMENT:** FF: Fair Blow, BOB in 12 minutes  
IS: Bled Off, Blow back Built to, 1 inch  
FF: Fair Blow, BOB in 15 minutes  
FS: Bled Off, No Blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1838.98	102.46	Initial Hydro-static
3	40.71	102.20	Open To Flow (1)
33	113.01	107.91	Shut-In(1)
79	1188.11	109.29	End Shut-In(1)
80	117.50	108.95	Open To Flow (2)
125	181.91	111.04	Shut-In(2)
187	1179.85	111.39	End Shut-In(2)
194	1919.75	109.32	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
0.00	320 feet gip	0.00
121.00	GSY OCM 30%G 20%O 50%M	0.00
380.00	Clean Gassy Oil 10%G 90%O	5.33

## Gas Rates

	Choke (Inches)	Pressure (psig)	Gas Rate (Mc/K)

**RECEIVED  
JUL 21 2011  
KCC WICHITA**

