



KANSAS CORPORATION COMMISSION 1061129  
OIL & GAS CONSERVATION DIVISION

Form ACO-18  
Form must be typed  
Form must be signed  
May 2009

**APPLICATION FOR VENTING OR FLARING  
OF GAS OTHER THAN CASINGHEAD GAS (K.A.R. 82-3-314)**

Venting / Flaring  
ID # 110801

**Operator Information:**

OPERATOR: License # 33343  
Name: PostRock Midcontinent Production LLC  
Address 1: Oklahoma Tower  
Address 2: 210 Park Ave, Ste 2750  
City: OKLAHOMA CITY State: OK Zip: 73102 + \_\_\_\_\_  
Contact Person: CLARK EDWARDS  
Phone: ( 620 ) 4319500

**Well Information:**

API No. 15 - 15-099-23485-00-00  
Spot Description: \_\_\_\_\_  
W2 E2 NE SE Sec. 10 Twp. 32 S. R. 19  East  West  
1980 Feet from  North /  South Line of Section  
510 Feet from  East /  West Line of Section  
County: Labette  
Lease Name: HIGGINSON TRUST Well #: 10-1

**A. Formation/Interval and estimated BTU Value of gas to be vented:**

Formation: RIVERTON 737-740, NEUTRAL 686-688, ROWE 68 Interval: 740-276 Estimated BTU Value: 1000

**B. Expected Maximum Gas Vented Volume:**

Formation: RIVERTON 737-740, NEUTRAL 686-688, ROWE 680-682, TEBO 526-528, FLEMING 446-448, CROWEBURG 409-411 & 413-4 BOPD: 0 MCFPD: 100 BWPD: 60

**C. Distance to the nearest pipeline or gathering facility:** 2

**Include the following attachments for all applications:**

- 1. Wireline log of subject well, if available. If not available attach, a written explanation why not available.
- 2. Completed Well Completion form for the subject well, Form ACO-1.
- 3. Method of measuring vented / flared gas.
- 4. Written explanation of why venting or flaring is necessary.
- 5. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

**Include the following for coalbed natural gas venting applications only:**

- 6. Plat Map including location of subject well, all other wells on subject lease and all wells on offsetting leases. Include the names and address of offsetting operators.
- 7. Completed Affidavit for Venting of Coalbed Natural Gas, Form CG-4.

**AFFIDAVIT**

I am the affiant and I hereby certify that to the best of my current information, knowledge and personal belief, this request to vent/flare natural gas is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

**KCC Office Use Only**

Denied  Approved Permit Expires: 02/22/2011  
15-Day Periods Ends: \_\_\_\_\_  
Approved By: Jim Hemmen Date: 09/23/2011

Submitted Electronically

*Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of the application.*

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

**RECEIVED  
OCT 18 2004  
KCC WICHITA**

Operator: License # 33344  
Name: Quest Cherokee, LLC  
Address: P O Box 100  
City/State/Zip: Benedict, KS 66714  
Purchaser: Bluestem Pipeline, LLC  
Operator Contact Person: Douglas L. Lamb  
Phone: (620) 698-2250  
Contractor: Name: LS WELL SERVICE, LLC  
License: 33374

Wellsite Geologist: MARK BRECHEISEN

Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, 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./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>05-19-2004</u>	<u>05-20-2004</u>	<u>06-03-2004</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-23485-00-00  
County: LABETTE  
NE - SE - Sec. 10 Twp. 32 S. R. 19  East  West

1980 feet from (9) / N (circle one) Line of Section  
510 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: HIGGINSON TRUST Well #: 10-1

Field Name: CHEROKEE BASIN CBM  
Producing Formation: NOT YET COMPLETE

Elevation: Ground: 898 Kelly Bushing: \_\_\_\_\_  
Total Depth: 811 Plug Back Total Depth: 800.54

Amount of Surface Pipe Set and Cemented at 21.4 Feet  
Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 800.54  
feet depth to Surface w/ 102 sx cmt.

Drilling Fluid Management Plan ALT #2 KJR 5/8/07  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_

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

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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.

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: Douglas L. Lamb  
Title: Manager Date: 10/04/04

Subscribed and sworn to before me this 17th day of October, 2004.

Notary Public: Jennifer R. Houston  
Date Commission Expires: July 30, 2005

**JENNIFER R. HOUSTON**  
Notary Public - State of Kansas  
My Appt. Expires July 30, 2005

**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

# ORIGINAL

Side Two

Operator Name: Quest Cherokee, LLC Lease Name: HIGGINSON TRUST Well #: 10-1  
 Sec. 10 Twp. 32 S. R. 19  East  West County: LABETTE

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
*(Attach Additional Sheets)*

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
*(Submit Copy)*

List All E. Logs Run: \_\_\_\_\_

DUAL INDUCTION LOG  
 COMP. DENSITY NEUTRON LOG

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Lenapah Lime	ABSENT	ABSENT
Altamont Lime	29'	+869'
Pawnee Lime	170'	+728'
Oswego Lime	253'	+645'
Verdigris Lime	403'	+495'
Mississippi Lime	746'	+152'

CASING RECORD <input checked="" 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	11	8-5/8"	24.75#	21.4'	"A"	6	
Production	6 3/4	4-1/2"	10.5#	800.54	"A"	102	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
	NONE WAITING ON PIPELINE		

RECEIVED  
 OCT 18 2004  
 KCC WICHITA

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
		<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
*(If vented, Submit ACO-18.)*  Other (Specify) \_\_\_\_\_



**CONSOLIDATED**  
**OIL WELL**  
**SERVICES**  
 AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

**ORIGINAL**

TICKET NUMBER **24384**

LOCATION Chanute

**FIELD TICKET**

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
6-3-04	6628	Higgins Tract #101		10	32S	17E	LB	
CHARGE TO <u>Quest Cherokee LLC</u>				OWNER				
MAILING ADDRESS <u>P.O. Box 100</u>				OPERATOR				
CITY & STATE <u>Benedict, Kansas 66674</u>				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1 - well	PUMP CHARGE <u>Cement pump</u>		675.00
1110	10 SK	<u>gilsante</u>		174.00
1107	1 SK	<u>flo-seal</u>		27.25
1118	2 SK	<u>Premium gel (2 ahead)</u>		33.60
1215A	1 gal	<u>KCL</u>		12.00
1111B	15 gal	<u>Sodium silicate</u>		150.00
1123	6300 gal	<u>city water (150 bbl)</u>		70.88
		BLENDING & HANDLING		
5407	47 ml	TON-MILES <u>Minimum</u>		190.00
		STAND BY TIME		
		MILEAGE		
5501C	3 hr	WATER TRANSPORTS		240.00
5502C	3 hr	VACUUM TRUCKS		115.00
		FRAC SAND		
1126	97 SK	CEMENT <u>OWC (102 SK total)</u>		1096.10
		<u>(owc; 5* gilsante; 1/4* flo-seal)</u>		
		SALES TAX		102.29
		ESTIMATED TOTAL		3027.32

RECEIVED  
 OCT 18 2004  
 KCC WICHITA

Ravin 2780

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

Todd A. Tindie

CUSTOMER or AGENT (PLEASE PRINT)

DATE

1902615



## TERMS

In consideration of the prices to be charged for our services, equipment and products as set forth in Consolidated Oil Well Services, Inc's (COWS) current Price Schedule, and for the performance of services and supplying of materials; customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices payable to P.O. Box 884, Chanute, KS 66720. Invoices payable within 30 days of invoice date. Charges subjected to interest after 30 days from invoice date. Interest will be charged at Maximum rate allowed by law. In the event it is necessary to employ an attorney to enforce collection of such account, customer agrees pay all collection costs and attorney's fees in the amount of 20% of said amount.

Any applicable federal, state or local sales, use, occupation, consumer's or emergency taxes shall be added to the quoted price.

A sales tax reimbursement of 2% is applied to chemical and product charges for all services performed on oil and gas wells in the State of Texas.

All process license fees required to be paid to others will be added to the scheduled prices.

All prices are subject to change without notice.

## SERVICE CONDITIONS

**Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by COWS.**

**"The customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the customer shall be present to specify depths, pressures, or materials used for any service which is to be performed."**

- (a) COWS shall not be responsible for, and customer shall secure COWS against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of COWS, this provision applying to but not limited to sub-surface damage and surface damage arising from subsurface damage.
- (b) Customer shall be responsible for and secure COWS against any liability for reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct of gross negligence of COWS.

- (c) Customer shall be responsible for and secure COWS against any and all liability of whatsoever nature for damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS hereunder.
- (d) Customer shall be responsible for and secure COWS against any liability for injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of COWS.
- (e) COWS makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or services.
- (f) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS gross negligence or willful misconduct in the preparation or furnishing of it.

## WARRANTIES - LIMITATION OF LIABILITY

COWS warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS'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 or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to COWS or, at COWS's option, to the allowance to the customer of credit for the cost of such items. In no event, shall COWS be liable for special, incidental, indirect, punitive or consequential damages.

COWS personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be liable for and CUSTOMER SHALL INDEMNIFY AGAINST ANY DAMAGED ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed by the COWS negligence or fault.

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form CG-4  
Form must be typed  
September 2005

**AFFIDAVIT FOR VENTING OF COALBED NATURAL GAS**

State of KANSAS )  
 )  
County of NEOSHO )

ss:

\_\_\_\_\_ (affiant's printed name), of lawful age and being first duly sworn, alleges and states as follows:

1. I am NEW WELL DEVELOPMENT COORDINATOR (title) for the operator named below.

2. Operator Information:

License #: 33343 Contact Person: CLARK EDWARDS  
Address: 211 WEST 14TH STREET Phone #: 620-431-9500  
City/State/Zip: CHANUTE, KS 66720

3. The operator is the designated operator of the HIGGINSON TRUST 10-1 (proposed project's name)  
proposed coalbed natural gas pilot project wells located on the following property in LABETTE County, KS.

- 1. Name: HIGGINSON TRUST Spot: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ NE - SE Sec. 10 Twp. 32 S. R. 19  East /  West; or  
feet from  North /  South line of Section 1980, and feet from  East /  West section line 510.
- 2. Name: \_\_\_\_\_ Spot \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East /  West; or  
feet from  North /  South line of Section \_\_\_\_\_, and feet from  East /  West section line \_\_\_\_\_.
- 3. Name: \_\_\_\_\_ Spot \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East /  West; or  
feet from  North /  South line of Section \_\_\_\_\_, and feet from  East /  West section line \_\_\_\_\_.
- 4. Name: \_\_\_\_\_ Spot \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East /  West; or  
feet from  North /  South line of Section \_\_\_\_\_, and feet from  East /  West section line \_\_\_\_\_.
- 5. Name: \_\_\_\_\_ Spot \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East /  West; or  
feet from  North /  South line of Section \_\_\_\_\_, and feet from  East /  West section line \_\_\_\_\_.
- 6. Name: \_\_\_\_\_ Spot \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East /  West; or  
feet from  North /  South line of Section \_\_\_\_\_, and feet from  East /  West section line \_\_\_\_\_.

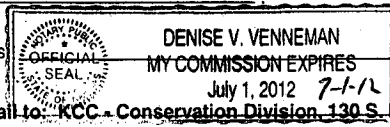
- 4. Gathering or pipeline facilities are not currently available for use on the above proposed pilot project.
- 5. Venting or flaring is necessary to dewater wells on the above project while the wells are being tested to determine the economic feasibility of installing gathering or other facilities to make the gas marketable and to determine the required capacity of the facilities.
- 6. The maximum daily volume of gas operator anticipates to be vented or flared is 50 MCFPD.
- 7. Operator is aware of, and agrees to comply with the Kansas Department of Health and Environment's air quality regulations applicable to the above project/lease.
- 8. Venting or flaring began, or will begin, at the above-proposed pilot project on AUGUST 24, 20 11. The venting or flaring from the above-proposed pilot project shall not exceed 180 days without reapplication to the Commission.
- 9. Operator has published notice of this affidavit pursuant to K.A.R. 82-3-135.
- 10. Operator has provided notice to the local emergency planning committee (LEPC) for the county in which the above-proposed pilot project is located, and where any part of the above-proposed pilot project falls within the corporate limits of any city, operator has provided notice to the city clerk, and has filed a certificate of mailing with the Commission indicating the date on which service of this affidavit was made to the LEPC and/or city clerk. (A list of LEPCs can be obtained at <http://www.accesskansas.org/kdem/LEPC.htm>, or by contacting the State of Kansas Division of Emergency Management, 2800 SW Topeka Blvd., Topeka, KS 66611-1287, 785-274-1409.)

The above and foregoing statements are true and correct according to my knowledge, information, and belief.

Jennifer D. Beal  
Signature of Affiant

Subscribed and sworn to before me on this 8TH day of AUGUST, 20 11,  
by DENISE VENNEMAN

My appointment expires



Notary Public: Denise V. Vennemman

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202



July 6, 2011  
Jim Hemmen  
KCC- Conservation Division  
130 S. Market – Room 2078  
Wichita, KS 67202

Mr. Hemmen:

Post Rock Midcontinent LLC intends to vent Coal Bed Methane gas for longer than 7 days in order to determine the economic feasibility of connecting this location to existing pipelines. The well which will be the only supplier of the vented gas is the Higginson Trust 10-1 located in the NE SE, S10-T32S-R19E, approximately 1980' FSL and 510' FEL, in Labette county, Kansas. Venting operations are not expected to release more than 50 mscf/day. At that point the well will be deemed economic and connected to existing pipeline infrastructure.

Existing gathering system is located approximately 2 miles from well location. Initial gas samples have yet to be measured, and a detailed analysis will be sent to you as soon as the well is completed and they are made.

With the vacancy of the Labette County LEPC Chairperson we intend to notify the local Sheriff and Fire Marshall's offices of the commencement of venting operations.

Please Contact Jeff Buterbaugh at 405-815-4302 with any questions.

Regards,

A handwritten signature in black ink, appearing to read 'Lance Galvin'.

Lance Galvin

VP Engineering and Operations

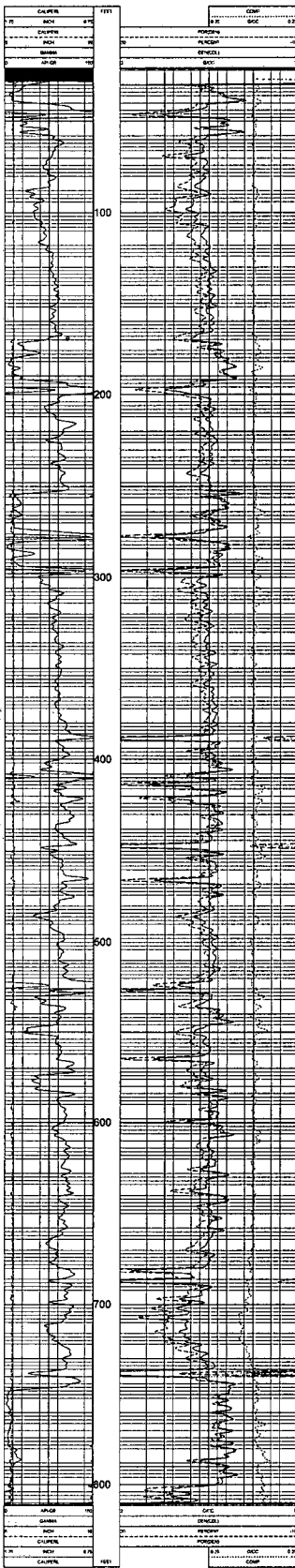
210 Park Avenue, Suite 2750  
Oklahoma City, OK 73102  
MAIN: (405) 600-7704  
FAX: (405) 600-7756  
WEB: [www.pstr.com](http://www.pstr.com) NASDAQ: PSTR



<b>COMPENSATED DENSITY LOG</b> HIGGINSON TRUST #10-1	
WELL NO. 10-1 DATE 05/21/04 TIME 14:30 OPERATOR LOGGING COMPANY LOGGING NO. 10-1	LOG NO. 10-1 DATE 05/21/04 TIME 14:30 OPERATOR LOGGING COMPANY LOGGING NO. 10-1

5 INCH LOG, DENSITY HIGGINSON TRUST #10-1 05/21/04

LOG PARAMETERS  
 WELL DEPTH 374 METERS SURF MEASUREMENT 487.00  
 SURF TO LOG 0 SURF TO LOG 0

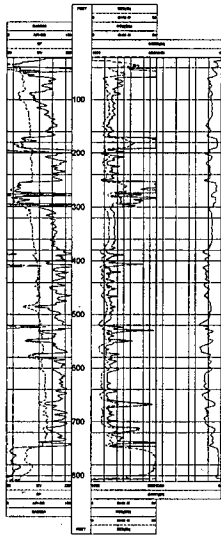


5 INCH LOG, DENSITY HIGGINSON TRUST #10-1 05/21/04

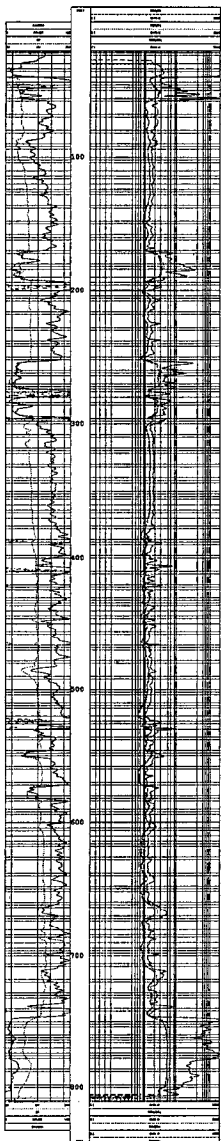
LOG PARAMETERS  
 WELL DEPTH 374 METERS SURF MEASUREMENT 487.00  
 SURF TO LOG 0 SURF TO LOG 0

<b>DATA ACQUISITION</b> DATE: 10/15/01 TIME: 10:00 AM OPERATOR: J. L. ... INSTRUMENT: ... LOCATION: ...	
<b>LOG PARAMETERS</b> LOG NUMBER: ... LOG DATE: ... LOG TIME: ...	LOG NUMBER: ... LOG DATE: ... LOG TIME: ...

CONDUCTIVITY LOG - BOONHURST TRACT #817 - 85104



CONDUCTIVITY LOG - BOONHURST TRACT #817 - 85104



CONDUCTIVITY LOG - BOONHURST TRACT #817 - 85104

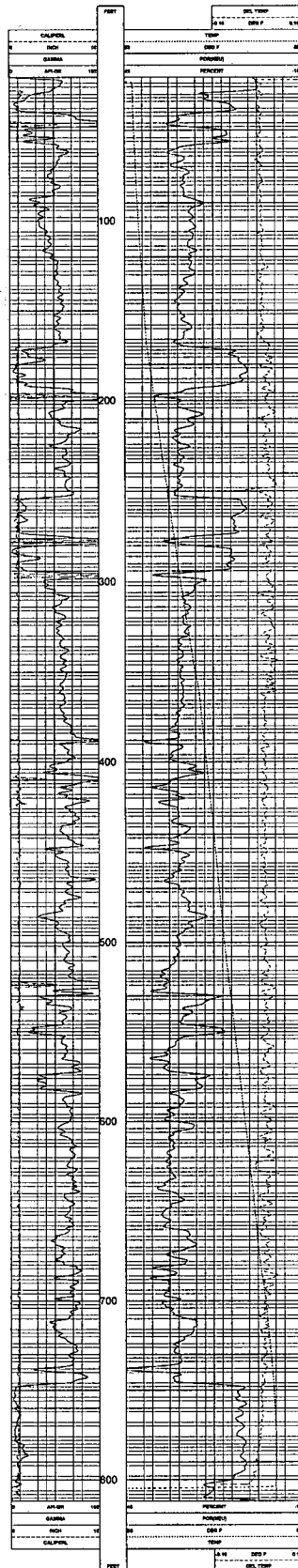
<b>DIFFERENTIAL TEMPERATURE</b> <b>HIGGINSON TRUST #10-1</b> <b>LOG #1</b>	
LOG NO. 101 LOG DATE 10/1/54 LOG TIME 10:00 AM LOG LOCATION LOG DEPTH LOG DIRECTION LOG COMMENTS	LOG NO. 101 LOG DATE 10/1/54 LOG TIME 10:00 AM LOG LOCATION LOG DEPTH LOG DIRECTION LOG COMMENTS

DIFFERENTIAL TEMPERATURE HIGGINSON TRUST #10-1 052104

LOG PARAMETERS

METER DEPTH 271 METER DEPTH LOGS 101 METER DEPTH 101

MAGNETIC CORRECTION 0 METER DEPTH LOGS 101 METER DEPTH 101



DIFFERENTIAL TEMPERATURE HIGGINSON TRUST #10-1 052104

LOG PARAMETERS

METER DEPTH 271 METER DEPTH LOGS 101 METER DEPTH 101

MAGNETIC CORRECTION 0 METER DEPTH LOGS 101 METER DEPTH 101

# Labette Avenue

Your road to news, information and promotion

711 4th P.O. Box 269 Oswego, Kansas 67356 620-795-2550  
labetteavenue@taylornews.org

## AFFIDAVIT OF PUBLICATION


RUDY TAYLOR

of lawful age, being duly sworn, deposes and says he or she represents the publisher of:

**LABETTE AVENUE**  
**P. O. Box 269**  
**Oswego KS 67356**


weekly newspapers in the City of Oswego, Chetopa, Altamont and Edna, County of Labette, State of Kansas, and of general circulation in said county, and which has been admitted to the mail at second class matter in said county during the period of one year immediately prior to the first publication of the notice hereinafter mentioned, and that a notice, of which a true copy is hereto attached, was published in the regular and entire issue of each number of said newspaper for one (1) Wednesday.

The first publication being made on August 10, 2011, knowledge of the statements above set forth, and that they are true.



(signature)  
State of Kansas, Labette County

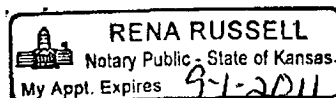
Subscribed and sworn to before me this 11th day of August, 2011.



(Notary Public)

My appointment expires September 1, 2011

Printer's fee \$ 5425



## PUBLIC NOTICE

(First published in the Labette Avenue, Wednesday, August 10, 2011)

BEFORE THE STATE  
CORPORATION COMMISSION  
OF THE STATE OF KANSAS  
**NOTICE OF FILING APPLICATION**  
RE: In the Matter of Postrock Midcontinent Production, LLC Application for Venting Authority Under Regulation K.A.R. 82-3-314(b)(2) Applicable to the Higginson Trust 10-1 located in Labette County, Kansas. Docket No. D110801

Conservation Division

TO: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whom-ever concerned

You, and each of you, are hereby notified that Postrock Midcontinent Production, LLC has filed an application to continuously vent produced natural gas for longer than 7 days in order to gauge available reserves prior to start-up of commercial production from this well. The well we are seeking permission to vent is the Higginson Trust 10-1, located in the NE SE, S10-T32S-R19E, Approximately 1980 FSL & 510 FEL, Labette County, Kansas.

Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why granting the application may cause waste, violate correlative rights or pollute the natural resources of the State of Kansas.

All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly. All person and/or companies wishing to protest this application are required to file a written protest with the Conservation Division of the Kansas Oil and Gas Commission.

Upon the receipt of any protest, the Commission will convene a hearing and protestants will be expected to enter an appearance either through proper legal counsel or as individuals, appearing on their own behalf.

**Postrock Midcontinent  
Production, LLC**  
210 Park Avenue, Suite 2750  
Oklahoma City, Oklahoma 73102  
(405) 660-7704

**AFFIDAVIT**

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, deposeeth and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for  1  issues, that the first publication of said notice was

made as aforesaid on the  11th  of

August  A.D.  2011 , with

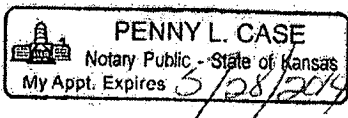
subsequent publications being made on the following dates:

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

*Mark Fletchall*

Subscribed and sworn to before me this

11th day of August, 2011



*Penny L. Case*  
Notary Public Sedgwick County, Kansas

Printer's Fee:  \$146.80

**LEGAL PUBLICATION**  
PUBLISHED IN THE WICHITA EAGLE  
AUGUST 11, 2011 (3134502)  
BEFORE THE STATE CORPORATION  
COMMISSION OF THE  
STATE OF KANSAS  
**NOTICE OF FILING APPLICATION**  
RE: In the Matter of Postrock  
Midcontinent Production, LLC Application  
for Venting Authority Under Regulation  
K.A.R. 82-3-314(b)(2) Applicable to the  
Higginson Trust 10-1 located in Labette  
County, Kansas.  
Docket No. D11001  
Conservation Division  
TO: All Oil & Gas Producers, Unleased  
Mineral Interest Owners, Landowners, and  
all persons whomsoever concerned.  
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that Postrock Midcontinent Production,  
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vent produced natural gas for longer than 7  
days in order to gauge available reserves  
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from this well. The well we are seeking  
permission to vent is the Higginson Trust  
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R19E, Approximately 1900 FSL & 510 FEL,  
Labette County, Kansas.  
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protestants will be expected to enter an  
appearance either through proper legal  
counsel or as individuals, appearing on their  
own behalf.  
Postrock Midcontinent Production, LLC  
210 Park Avenue, Suite 2750  
Oklahoma City, Oklahoma 73102  
(405) 640-7704

Print Date Time: 09/12/2011 14:08

Analyzed By: MELINDA REED  
Meter ID: MV7059 2 11-09-12  
HIGGINSON 10-1

Analysis Time: 09/12/2011 13:06 Sample Type: Spot  
Flowing Temp.: 90 Deg. F Flowing Pressure: 1 psig

Comp	UnNorm %	Normal %	Liquids (USgal/MCF)	Ideal (Btu/SCF)	Rel. Density
Propane	0.0571	0.2120	0.0582	5.3338	0.0032
Hydrogen Sulfide	0.0000	0.0000	0.0000	0.0000	0.0000
IsoButane	0.0112	0.0416	0.0136	1.3538	0.0008
Butane	0.0160	0.0593	0.0187	1.9358	0.0012
NeoPentane	0.0000	0.0000	0.0000	0.0000	0.0000
IsoPentane	0.0030	0.0111	0.0040	0.4426	0.0003
Pentane	0.0020	0.0075	0.0027	0.3012	0.0002
Hexane+	0.0234	0.0869	0.0000	0.0000	0.0000
Nitrogen	1.9023	7.0586	0.0000	0.0000	0.0683
Methane	24.8518	92.2149	0.0000	931.3705	0.5108
CarbonDioxide	0.0064	0.0237	0.0000	0.0000	0.0004
Ethane	0.0766	0.2844	0.0759	5.0326	0.0030
Hexane	0.0000	0.0869	0.0356	4.1332	0.0026
Heptane+	0.0000	0.0000	0.0000	0.0000	0.0000
Heptane	0.0000	0.0000	0.0000	0.0000	0.0000
Octane	0.0000	0.0000	0.0000	0.0000	0.0000
Nonane+	0.0000	0.0000	0.0000	0.0000	0.0000
Nonane	0.0000	0.0000	0.0000	0.0000	0.0000
Decane	0.0000	0.0000	0.0000	0.0000	0.0000
Undecane	0.0000	0.0000	0.0000	0.0000	0.0000
Dodecane	0.0000	0.0000	0.0000	0.0000	0.0000
Ethane-	0.0000	0.0000	0.0000	0.0000	0.0000
Propane +	0.0000	0.0000	0.0000	0.0000	0.0000
Total	26.9499	100.0000	0.2088	949.9034	0.5916

Inferior Wobbe 1219.7268 (Btu/SCF) Superior Wobbe 1240.1703 (Btu/SCF)  
Compressibility 0.9981 Density 0.0453 (lbm/ft3)  
Real Rel. Density 0.5916 Ideal CV 949.9034 (Btu/SCF)  
Wet CV 938.1693 (Btu/SCF) Dry CV 953.8936 (Btu/SCF)  
Contract Temp. 60.0000 (deg F) Contract Press. 14.7300 (psia)  
Number of Cycles 1 Connected Stream 2

Comments: DS #291