

ORIGINAL

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

RECEIVED
KANSAS CORPORATION COMMISSION
Form ACO-1
September 1999
Form Must Be Typed

APR 01 2008

3/31/10

CONSERVATION DIVISION
WICHITA, KS

Operator: License # 33344
Name: Quest Cherokee, LLC
Address: 211 W. 14th Street
City/State/Zip: Chanute, KS 66720
Purchaser: Bluestem Pipeline, LLC
Operator Contact Person: Jennifer R. Ammann
Phone: (620) 431-9500
Contractor: Name: TXD
License: 33837
Wellsite Geologist: Ken Recoy

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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. _____

12-04-07	12-11-07	12-13-07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-133-27301-0000
County: Neosho
NE NE SW Sec. 33 Twp. 27 S. R. 19 East West
2190 feet from S / N (circle one) Line of Section
2190 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Larue, John W. Well #: 33-1
Field Name: Cherokee Basin CBM

Producing Formation: Multiple
Elevation: Ground: 889 Kelly Bushing: n/a
Total Depth: 1025 Plug Back Total Depth: 1019
Amount of Surface Pipe Set and Cemented at 32.5 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1019
feet depth to surface w/ 125 sx cmt.

Drilling Fluid Management Plan AH II DLG 94508
(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: Jennifer R. Ammann

Title: New Well Development Coordinator Date: 3/31/08

Subscribed and sworn to before me this 31st day of March

20 08

Notary Public: Terra Klauman

Date Commission Expires: 8-4-2010

TERRA KLAUMAN
Notary Public - State of Kansas
My Appt. Expires 8-4-2010

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

2017/10/10

Operator Name: Quest Cherokee, LLC Lease Name: Larue, John W. Well #: 33-1
 Sec. 33 Twp. 27 S. R. 19 East West County: Neosho

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density Neutron Log Dual Induction Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See attached
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8"	22	32.5	"A"	5	
Production	6-3/4	4-1/2	10.5	1019	"A"	125	

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	869-871/819-821/814-816	500gal 15%HCLw/ 49bbls 2%kcl water, 561bbls water w/ 2% KCL, Blockds, 4500# 20/40 sand	869-871/819-821 814-816
4	723-725/615-617/580-583/557-559	400gal 15%HCLw/ 45bbls 2%kcl water, 597bbls water w/ 2% KCL, Blockds, 5700# 20/40 sand	723-725/615-617 580-583/557-559
4	484-488/471-475	400gal 15%HCLw/ 44bbls 2%kcl water, 751bbls water w/ 2% KCL, Blockds, 7900# 20/40 sand	484-488/471-475

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>911</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <u>2-13-08</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>23.0 mcf</u>	Water Bbls. <u>92.2 bbls</u>	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

210 Park Ave, Suite 300
Oklahoma City, OK 73102
405-600-7704
405-600-7756 fax



211 West 14th Street
Chanute, KS 66720
620-431-9500
620-431-9501 fax

RECEIVED
KANSAS CORPORATION COMMISSION

APR 01 2008

CONSERVATION DIVISION
WICHITA, KS

March 31, 2008

Kansas Corporation Commission
130 S. Market – Room 2078
Wichita, KS 67202

To Whom It May Concern:

RE: Larue, John W. 33-1
API # 15-133-27301-0000
Sec33-T27S-R19E

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MAR 31 2008
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At this time we would like to request confidentiality for a period of two years on the above named well location in accordance with Regulation #82-3-107 (e).

I have attached a copy of the ACO-1 for your reference.

Thank you for your time and consideration in this matter.

Sincerely,

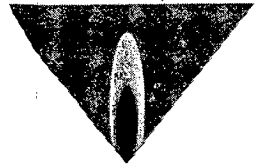
A handwritten signature in cursive script, appearing to read "Jennifer R. Ammann".

Jennifer R. Ammann
New Well Development Coordinator

Enclosure

QUEST

Resource Corporation



211 W. 14TH STREET,
CHANUTE, KS 66720
620-431-9500

RECEIVED
KANSAS CORPORATION COMMISSION

APR 01 2008 TICKET NUMBER 2438

CONSERVATION DIVISION
WICHITA, KS

FIELD TICKET REF # _____

FOREMAN Dwayne

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-13-07	Larue John 33-1	33	27	19	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Dwayne	7:00	11:30	NO	901640		4.5 hr	<i>[Signature]</i>
Tim	6:45	11:30		903255		4.75 hr	<i>[Signature]</i>
Taylor	7:30	11:30		903600		4.25 hr	<i>[Signature]</i>
Bill B		11:30		931420		hr	
NO Driver	7:00	11:30		903140	932452	4.5 hr	

JOB TYPE Long String HOLE SIZE 6 3/4 HOLE DEPTH 1024 CASING SIZE & WEIGHT 4 1/2 10.5 #
 CASING DEPTH 1018 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 116.23 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 RPM

REMARKS:

Break Circulation Pump 2 Sacks Prem gel and Sweep to Surface
 Then Pump 12 RB11 Dye marker with 1 Sack Prem gel and Start cement
 Pump 12.5 sacks cement to get Dye Back stop over Flush Pump + then
 Pump Wiper Plug to Bottom and Set Float Shoe.
 { Cement to Surface }

1018.32	4 1/2	Casing
5	4 1/2	Centralizers
1	4 1/2	wiper Plug
1	4 1/2	Float Shoe
2		FRac BoFFles 3" 3 1/2

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
901640	4.5 hr	Foreman Pickup	
903255	4.75 hr	Cement Pump Truck	
903600	4.25 hr	Bulk Truck	
1104	107 Sack	Portland Cement	
1124		50/50 POZ Blend Cement	
1126		OWC - Blend Cement	
1110	22 Sack	Gilsonite	
1107	1 Sack	Flo-Seal	
1118	10 Sack	Premium Gel 3 Ahead of Job 7 In Load	
1215A	1 Gal	KCL	
1111B	2 Sack	Sodium Silicate Cal Chloride	
1123	7000 Gal	City Water	
903140	4.5 hr	Transport Truck	
932452	4.5 hr	Transport Trailer	
931420	hr	80 Vac	

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APR 01 2008

CONSERVATION DIVISION
WICHITA, KS

DATE: 12/12/07

TXD Drilling

Geology Brief - Data taken from Driller's Log & Compensated Density Log

WELL NAME:	Larue, John W.	SECTION:	33	REPORT #:		SPUD DATE:	12/4/2007
WELL #:	33-1	TWP:	27S	DEPTH:	1025		
FIELD:	Cherokee Basin	RANGE:	19E	PBTD:			
COUNTY:	Neosho	ELEVATION:	889	FOOTAGE:	2190	FT FROM	South
STATE:	Kansas	API #:	15-133-27301-0000		2190	FT FROM	West
							NE NE SW

ACTIVITY DESCRIPTION:

TXD Drilling, Chris Espe and David Small, drilled to TD 1025 ft. on Tuesday, 12/11/07 at 11:00 p.m.

Surface Casing @ 32.5 ft.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured		COMMENTS:
Mulberry Coal	0 mcf/day @	361-363 FT.	Gas check at 374 ft. No blow.
Lexington Shale and Coal	0 mcf/day @	402-405 FT.	GCS. Gas check at 405 & 467 ft. Wet: 467 ft.
Summit Shale & Coal	0 mcf/day @	470-477 FT.	
Mulky Shale & Coal	17 mcf/day @	483-488 FT.	17 mcf/day from this area. Gas check at 498 ft.
Bevier Coal	0 mcf/day @	557-560 FT.	Gas check at 560 ft. No blow.
Verdigris Limestone	0 mcf/day @	577-579 FT.	Upper baffle set at 505.70 ft. Big hole.
Croweburg Coal & Shale	0 mcf/day @	579-584 FT.	GCS. Gas check at 591 ft.
Fleming Coal	0 mcf/day @	615-617 FT.	Gas check at 622 & 653 ft. Slight blow.
Weir Coal	0 mcf/day @	723-725 FT.	
Bartlesville Sand	0 mcf/day @	Poorly developed FT.	Lower baffle set at 782.21 ft. Small hole.
Rowe Coal	0 mcf/day @	813-816 FT.	
Neutral Coal	0 mcf/day @	820-822 FT.	
Riverton Coal	0 mcf/day @	868-871 FT.	
Mississippi	0 mcf/day @	Top at 886 FT.	GCS. Gas check at 932 ft.
TD: 1025 ft.	11 mcf/day @		Gas check at TD.

Note: Water coming into the hole from zones drilled affects Drilling & Gas Tests. These Wells may require a booster to reach target TD.

This water pressure may cause the Gas coming into the hole to be sporadic and/or appear non-existent, giving false readings of initial Gas measured.

Bottom of Production Pipe Tally Sheet: 1018.32 ft.

Bottom Logger: 1024.40 ft. Driller TD: 1025 ft.

Shoe & Centralizer Set on bottom joint & Centralizers Set every 5 joints to surface.

OTHER COMMENTS:

Information in this report was taken directly from the Drillers hand written notes, Geologists examination of rock samples with a hand lens & the Compensated Density Log only. Gas Tests reflect what the driller wrote down during drilling activities. All zones are picked on site with minimal log correlation. Detailed work with logs may provide more accurate data for reservoir analysis. Below Zones fyi only.

Pawnee LS / Pink	363-402
Oswego Coal	447-448
Oswego Limestone	448-470
Mineral Coal	629-632
Scammon Coal	647-648
Tebo Coal	670-674

CASING RECOMMENDATIONS: Run casing / Cement to surface

On Site Representative: Ken Recoy, Senior Geologist, CPG #4630 & #5927

Cell: (620) 305-9900 krecov@qrcp.net

End of Drilling Report. Thank You!

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