

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

8/20/10

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. Smith
 Phone: (620) 431-9500
 Contractor: Name: TXD/Foxxe
 License: 33837
 Wellsite Geologist: Ken Recoy
 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. _____
 4-24-08 5-09-08 5-09-08
 Spud Date or Date Reached TD Completion Date or
 Recompletion Date Recompletion Date

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API No. 15 - 15-099-24305-0000
 County: Labette
 _____ NE SE Sec. 27 Twp. 33 S. R. 18 East West
1980 feet from (S) N (circle one) Line of Section
660 feet from (E) W (circle one) Line of Section
 Footages Calculated from Nearest Outside Section Corner:
 (circle one) NE (SE) NW SW
 Lease Name: Vail, Lois K. Well #: 27-1
 Field Name: Cherokee Basin CBM
 Producing Formation: Not Yet Complete
 Elevation: Ground: 816 Kelly Bushing: n/a
 Total Depth: 938 Plug Back Total Depth: 917.80
 Amount of Surface Pipe Set and Cemented at 20.5 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 917.80
 feet depth to surface w/ 121 sx cmt.

Drilling Fluid Management Plan AP-11-11-10-13-08
 (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. Smith
 Title: New Well Development Coordinator Date: 8-20-08
 Subscribed and sworn to before me this 20th day of August
 20 08.
 Notary Public: Debra Klauman
 Date Commission Expires: 8-4-2010

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
 RECEIVED
 KANSAS CORPORATION COMMISSION
 AUG 22 2008

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

CONSERVATION DIVISION
 WICHITA, KS

JAN 10 1970

Operator Name: Quest Cherokee, LLC Lease Name: Vail, Lois K. Well #: 27-1
 Sec. 27 Twp. 33 S. R. 18 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 <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	22.5	"A"	5	
Production	7-7/8	5-1/2	14.5	917.80	"A"	121	

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 <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>Waiting on Pipeline</u>	Packer At <u>n/a</u>	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. <u>n/a</u>	Gas Mcf	Water Bbls.	Gas-Oil Ratio

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 _____



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

*KW
mm
8/22/08*

TICKET NUMBER **6649**

FIELD TICKET REF # _____

FOREMAN Joe

SSI ~~627230~~ **627230**

API 15-099-24305

**TREATMENT REPORT
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY
5-9-8	Vail	1015K 27-1	27	33	18	LB

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	6:45	7:30		903427		12.75	<i>Joe B...</i>
TIM	6:45	7:15		903255		12.5	<i>Tim</i>
Matt	7:00	7:15		903600		12.25	<i>Matt</i>
Tyler	7:00	3:00		903140	932452	8	<i>Tyler</i>
Daniel	6:45	6:00		904735		11.25	<i>Daniel</i>
MAVERICK	7:00	7:15		903142	932885	12.25	120

JOB TYPE Logging HOLE SIZE 7 7/8 HOLE DEPTH 938 CASING SIZE & WEIGHT 5 1/2 14.5
 CASING DEPTH 917.80 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 21.85 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4bpm

REMARKS:
Installed Cement **KCC** Ball 2 sks gel & 12 BRD dye & 1 SK gel & 12 SKS of cement to get dye to surface. Flush pump. Pump wiper plug to bottom & set float shoe.

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	1	Foreman Pickup	
903255	1	Cement Pump Truck	
903600	1	Bulk Truck	
903140	1	Transport Truck	
932452	1	Transport Trailer	
904735	1	80 Vac	
	917.80	Casing 5 1/2	
	5	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	0	Frac Baffles	
	101 SK	Portland Cement	
	24 SK	Gilsonite	
	1 SK	Flo-Seal	
	9 SK	Premium Gel	
	3 SK	Cal Chloride	
	1 gal	KCL	
	2000 gal	City Water	

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KW
8/22/08

FOXSE ENERGY SERVICES

DRILLERS LOG

FOXSE ENERGY SERVICES

RIG #	101	S.	27	T.	33	R.	15	GAS TESTS:	
API #	099-24305	County:	Labette		223'			no blow	
Elev.:	816'	Location:	Kansas		316'			no blow	
								347'	no blow
								409'	no blow
								440'	no blow
								471'	slight blow
								502'	slight blow
								626'	slight blow
								657'	slight blow
								688'	slight blow
								719'	slight blow
								812'	3lb - 1" 242
								936'	5 - 1/2" 14.1

Operator: Quest Cherokee LLC
 Address: 9520 N. May Ave., Suite 300
 Oklahoma City, OK. 73120
 WELL # 27-1 Lease Name: Vail, Lois *K.*
 Footage location 1980 ft. from the S line
 660 ft. from the E line
 Drilling Contractor: **FOXSE ENERGY SERVICES**
 Spud Date: NA Geologist:
 Date Complete: 5-9-08 Total Depth: 936'
 Exact Spot Location N/2 S/2 NW

Casing Record		
	Surface	Production
Size Hole	12-1/4"	7-7/8"
Size Casing	8-5/8"	5-1/2"
Weight	24#	15-1/2#
Setting Depth	22'	
Type Cement	port	
Sacks	5	

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 KCC

WELL LOG

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	1	shale	426	461	coal	684	686
clay/shale	1	22	coal	461	463	shale	686	707
lime	22	66	shale	463	484	coal	707	709
shale	66	110	b.shale	484	547	shale	709	719
lime	110	202	sand	547	558	coal	719	723
shale	202	213	shale	558	572	shale	723	761
coal	213	215	sand	572	577	sand	761	802
shale	215	265	shale	577	585	coal	802	804
lime	265	302	sand	585	591	shale	804	810
b.shale	302	304	shale	591	601	mississippi	810	936
shale	304	310	coal	601	603			
lime	310	330	shale	603	612			
b.shale	330	332	coal	612	614			
shale	332	335	shale	614	616			
coal	335	338	sand	616	622			
sand	338	370	shale	622	651			
shale	370	386	sand	651	654			
coal	386	388	coal	654	656			
sand	388	399	shale	656	657			
coal	399	401	shale	657	662			
shale	401	424	sand	662	678			
coal	424	426	shale	678	684			

Comments: 510' added water

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