

ORIGINAL

KANSAS CORPOR OIL & GAS CON- WELL COMF WELL HISTORY - DESCI Operator: License # 33344 Name: Quest Cherokee, LLC	RATION COMMISSION SERVATION DIVISION September 1999 Form Must Be Typed
WELL COMF	PLETION FORM RIPTION OF WELL & LEASE
Operator: License # 33344	API No. 15 - 133-27469-0000
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	NE - SW Sec. 34 Twp. 30 S. R. 19 V East West
City/State/Zip: Chanute, KS 66720	1875 feet from 1 / N (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	1820 3460 feet from F) / W (circle one) Line of Section
Operator Contact Person: Jennifer R. Smith	Footages Calculated from Nearest Outside Section Corner:
Phone: (_620) 431-9500	(circle one) NE SE NW SW
Contractor: Name: L&S	Lease Name: Panek SWD Well #: 34-1
License: 33374	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: n/a
	Elevation: Ground: 920 Kelly Bushing: n/a
Designate Type of Completion: New Well Re-Entry Workover	Total Depth: 2113 Plug Back Total Depth: 1540
New Well He-Entry Workover Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 20.5 Feet
•	
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from 1540
Operator:	feet depth to surface w/ 220 sx cmt. Alt 2 - Dla - 130/09
Well Name:	Drilling Fluid Management Plan
Original Comp. Date:Original Total Depth:	(Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	
Other (SWD or Enhr.?) Docket No	Operator Name:
6/10/08 6/12/08 6/14/08	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	Quarter Sec TwpS. R
Kansas 67202, within 120 days of the spud date, recompletion, worko Information of side two of this form will be held confidential for a period of	ith the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, over or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. If 12 months if requested in writing and submitted with the form (see rule 82-3-gs and geologist well report shall be attached with this form. ALL CEMENTING IIs. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regulation are complete and correct to the best of my knowledge.	ulate the oil and gas industry have been fully complied with and the statements
Signature: Junify & Mith	KCC Office Use ONLY
Fitle: New Well Development Coordinator Date: 12/18/08	Letter of Confidentiality Received
Subscribed and sworn to before me this	bk., If Denied, Yes Date:
coOf. O	Wireline Log Received Coologiet Report Received RECGIVED
1/2 4/7/04.00	KANSAS CORPORATION COMPAND
Notary Public: Hull O. Ul Willer T. C.	UIC Distribution
Date Commission Expires: DENISE V. VENNEMAN	DEC 2 2 2008
OFFICIAL MY COMMISSION EXPIRES July 1, 2012	CONSERVATION DIVISION WICHITA, KS

URIGIN

Operator Name: Quest Cherokee, LLC Well #: 34-1 Panek SWD Lease Name Neosho County: 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 √ Log Formation (Top), Depth and Datum Yes Sample (Attach Additional Sheets) Name Datum Top Samples Sent to Geological Survey Yes See attached Cores Taken Electric Log Run ✓ Yes (Submit Copy) List All E. Logs Run: Compensated Density Neutron Log **Dual Induction Log** CASING RECORD New Report all strings set-conductor, surface, intermediate, production, etc. Size Hole Size Casing Weight Setting # Sacks Type and Percent Type of Purpose of String Drilled Set (In O.D.) Lbs. / Ft Depth Additives Surface 8-5/8" "A" 12-1/4 22 20.5 6 Production 7-7/8 5-1/2 15.5 1540 "A" 220 ADDITIONAL CEMENTING / SQUEEZE RECORD Purpose: Depth Type of Cement #Sacks Used Type and Percent Additives Top Bottom Perforate **Protect Casing** Plug Back TD Plug Off Zone PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record Shots Per Foot Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) Depth n/a **TUBING RECORD** Size Set At Packer At Liner Run Yes ☐ No 2-7/8" 1522 1522 **Producing Method** Date of First, Resumerd Production, SWD or Enhr. Flowing Pumping Gas Lift Other (Explain) waiting on pipeline **Estimated Production** Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity Per 24 Hours METHOD OF COMPLETION Disposition of Gas Production Interval ☐ Vented ☐ Sold ☐ Used on Lease Open Hole Perf. Dually Comp. (If vented, Submit ACO-18.) Other (Specify)

QUEST



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

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TICKET	A I I I A	ADPM
HONEL	14(1)	лкен

API.

6706

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FIELD	TICKET REP	#

FOREMAN	Joe.		ar.
		-	

SSI _____

	TREATMENT REPORT
•	& FIELD TICKET CEMENT
	WELL NAME & NUMBER

6-14-8 FOREMAN/	PALLEK	JWE TIME	LESS	34-1	TRAILER	TRUCK	LB EMPLOYEE	
OPERATOR .	IN .	OUT	LUNCH	# .	#	HOURS	SIGNATURE	
J.v.e.	11:00	7:30		6032137		9.5	Joe Blanc	ha
Tim	11:00	7:30		903255		8.5	2 ager	7]
Tyler	11:00	6:15		90-100		7. 24		Michael .
DANIEL	11:00	6:45		964733		7.75	- 1	<u> </u>
muerick	7:15	6:15		903140	932452	11	120	_
JOB TYPE LONGS+1				HOLE DEPTH/5	<u> </u>	NG SIZE & WE	ر بسر	1 354

100 LLE FORD 245 LIST HOPE SIZE XX	HOLE DEFIN 70 / 6	CASING SIZE & WEIGHT
CASING DEPTH 1540.06 DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT 13.5 SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING _o
DISPLACEMENT 36.66 DISPLACEMENT PSI	MIX PSI	RATE HOOM
REMARKS:		* · · · · · · · · · · · · · · · · · · ·
JUSTAMON CONONT head RAN 20	5K50F CO & 3 5K.	s of cotten Seed Hulls To

Trustalled Corrent head Ran 20 sks of gel of 3 sks of cotter Sold Hults To get off arbuckle Some could get circulation. Pumped 200 sks of concert To get corrent to Surface. Flush pump. Pump up plug to bottom 4 Set Floot shot

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	,	Foreman Pickup	
903255	,	Cement Pump Truck	
903603	1	Bulk Truck	
903140	7	Transport Truck	
972452	,	Transport Trailer	
904735	/	80 Vac	
	15110.06	Casing 5'/2	
	Я	Centralizers	
	7	Float Shoe	
	7	Wiper Plug	
	0	Frac Baffles	
	190 SK	Portland Cement	
	44 SK		CEIVED
	2 SK	Fio-Seal KANSAS CORPO	RATION COMMISS
	38 SK	Premium Gel	2 2000
	458	Cal Chloride DEC	2 2 2008
	1500	KCL CONSEP	VATION DIVISION
	7000 cml		CHITA, KS
	35300		
			T .



DATE: 6/25/08 Revised to add Drilled Deeper info.

L & S Well Service

		Geology Brief - Data taken fro	om Driller's Log &	Compensated	Density Log	
WELL NAME:	Panek SWD	SECTION: 34		REPORT #:	SPUD DATE: 6/10/2008	· · · · · · · · · · · · · · · · · · ·
VELL#:	34-1	TWP: 309		DEPTH:	1548	
IELD:	Cherokee Basin	RANGE: 19		PBTD:	1340	
COUNTY:	Neosho	ELEVATION: 920	×	FOOTAGE:	1875 FT FROM South	SECTION LINE
STATE:	Kansas		133-27469-0000	-		
JIAIL.	Kansas	Arr.	133-27409-0000			SECTION LINE
ACTIVITY DEC	CDIPTION		*		NE SW	
ACTIVITY DES	CKIPTION:	***************************************	**			
	' The d'- TT'- I'	1 11 1 7 700 4 7 4 0 6 00				
		er, drilled to TD 1548 ft. on Ti	hursday, 6/12/08 at	5:00 p.m.	Drilled Deeper to Driller	TD = 2125 ft. 06/23/08.
Note: 10 foot sai	mples collected for I	KGS.				
					•	
Surface Casing (<u></u>	is is a Salt Water D	disposal Well.		
Surface Casing S	Size; 8 5/8"					
GAS SHOWS:	······	as Measured	T. 1		NON ARMENTEC.	
	<u>u</u>		E-Log		COMMENTS:	
Mulberry Coal	1 61	0 mcf/day @	262-264			
Lexington Shale		0 mcf/day @	291-294		Sas test at 315 ft.	
Summit Shale &		0 mcf/day @	363-370]		Sas check at 375 ft. Slight blow	
Mulky Shale & C	oal	0 mcf/day @	381-385]		Sas check at 405 ft. Slight blow	
Bevier Coal		0 mcf/day @	481-483 J			***************************************
Verdigris Limest		0 mcf/day @	492-494]		lo baffles set.	
Croweburg Coal	& Shale	0 mcf/day @	494-504]			
Fleming Coal		6 mcf/day @	525-530 1		mcf/day from this area. Gas ch	
41 Weir Coal		9 mcf/day @	616-624 l	FT. 3	mcf/day from this area. Gas ch	eck at 616 ft.
#2 Weir Coal		9 mcf/day @	638-640 I	FT. C	Sas check at 706 ft.	
Bartlesville Sand		9 mcf/day @	Poorly developed I	FT.		
Rowe Coal		9 mcf/day @	750-752 I	FT.		
Neutral Coal		9 mcf/day @	756-758 I	FT. C	Sas check at 796 ft.	
Riverton Coal		9 mcf/day @	811-814 I	FT.		***************************************
Mississippi Lime	stone	11 mcf/day @	818-1099 I		mcf/day from this area. Gas ch	eck at 826 & 856 ft.
Northview Shale		mcf/day @	1099-1115 I		Vet: 856 ft.	
Compton Limest		mcf/day @	1115-1128 F		Vater.	
Chattanooga Sha		mcf/day @	1128-1132 F			
Arbuckle Dolomi		mcf/day @	1132-2052 I		ots of water. Digging more Pit &	S pulling from Pit
Granite Wash (R	*****	N/A	Top at 2052 I		Vater Samples collected every 7	
TD = 2125 ft.					Rock Samples collected as poss	
					took campies conceied as poss	
Vote: Water com	ing into the hole fro	m zones drilled affects Drillin	a & Cae Taste The	see Wells may	require a booster to reach target	TN
					ent, giving false readings of initia	
inis water pressi	ure may cause the o	as conting into the note to be	sporault and/or ap	pear non-exist	in, giving taise readings of finitia	Gas measureu.
Rottom of 5.5" P	roduction Pipe Tally	Sheet: 1540 20 ft			***************************************	
*******	gger Bottom: 1543.9		? ft			
***************************************	gger Bottom: 2112.7					
June 24, 2008 LO	gger Bottom. 2112.	oic Dimer 1D, 2123 it	•			
Shoe & Centraliz	ver Set on bottom ioi	nt at original TD 1548 ft. & C	antrolizare Sat ava	my 5 joints to s	ırfaca	
Shoe & Centraliz	er set on bottom joi	iii at originar 1D 1348 it. & C	entranzers set eve	ry 3 joints to si	11 14CE.	
OTHER COMM	ENTS.				· · · · · · · · · · · · · · · · · · ·	
		directly from the Drillers har	d written notes Co	aalagists avami	nation of rock samples with a ha	nd long
					activities. All zones are picked o	
					r analysis. Below Zones fyi only.	n site
201 ikimilim mar	Correlation. Details	a work with logs may provid	e more accurate da	ita iur reservoi	analysis. Delow Zones lyl only.	
		264-291				RECEIVED
		339-363			KAN	SAS CORPORATION COMMIS
Pawnee LS / Pink		337-303				
Pawnee LS / Pink Oswego Limeston	e	470 470				DEC 0 0 0000
Pawnee LS / Pink Oswego Limeston ron Post Coal	e	470-472				
Pawnee LS / Pink Dswego Limeston ron Post Coal Mineral Coal	e	543-545		.		UEU 2 2 2008
Pawnee LS / Pink Dswego Limeston ron Post Coal Mineral Coal Scammon Coal	e	543-545 560-562				DEC 2 2 2008
Pawnee LS / Pink Dswego Limeston ron Post Coal Mineral Coal Scammon Coal Febo Coal	e	543-545 560-562 595-600			<u>.</u>	
Pawnee LS / Pink Oswego Limeston Iron Post Coal Mineral Coal Scammon Coal Tebo Coal Bluejacket Coal	e	543-545 560-562				CONSERVATION DIVISION
Pawnee LS / Pink Dswego Limeston ron Post Coal Mineral Coal Scammon Coal Tebo Coal Bluejacket Coal		543-545 560-562 595-600 695-697				
Pawnee LS / Pink Dswego Limeston ron Post Coal Mineral Coal Scammon Coal Tebo Coal Bluejacket Coal	MMENDATIONS:	543-545 560-562 595-600 695-697	ing / Cement to sui	rface. Final co	mpletion TBD.	CONSERVATION DIVISION
Pawnee LS / Pink Dswego Limeston ron Post Coal Mineral Coal Geammon Coal Febo Coal Bluejacket Coal	MMENDATIONS:	543-545 560-562 595-600 695-697 Run 5.5 inch cas				CONSERVATION DIVISION WICHITA, KS
Pawnee LS / Pink Dswego Limeston ron Post Coal Mineral Coal Geammon Coal Tebo Coal Bluejacket Coal CASING RECON	MMENDATIONS:	543-545 560-562 595-600 695-697				CONSERVATION DIVISION