**ORIGINAL** 

#### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form ACO-1 September 1999 Form Must Be Typed

# WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #_33344	API No. 15 -
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	NWNWNW_ Sec. 23 Twp. 28 S. R. 19 7 East West
City/State/Zip: Chanute, KS 66720	210 feet from S / (N) (circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	69 feet from E / (V) (circle one) Line of Section
Operator Contact Person: Jennifer R. Ammann	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 431-9500	(circle one) NE SE NW SW
Contractor: Name: TXD	Lease Name: Hines Farms SWD Well #: 23-1
License: 33837	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: n/a
Designate Type of Completion:	Elevation: Ground: 900 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1471 Plug Back Total Depth: 1164.59
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 21.5 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 1164.59
Operator:	feet depth to surface w/ 205 sx cmt.
Well Name:	A1+2 -D1a -5/30/08
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	
Plug Back Plug Back Total Depth	Chloride contentppm Fluid volumebbls
Commingled Docket No	Dewatering method used
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
·	Lease Name: License No.:
10/30/07         11/2/07         11/3/07           Spud Date or         Date Reached TD         Completion Date or	Quarter Sec TwpS. R
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 1	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, er or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regula herein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature: Sunsific R. Ammann	KCC Office Use ONLY
Title: New Well Development Coordinator Date: 3/11/08	
	Letter of Confidentiality Received
Subscribed and sworn to before me this 11 day ofauch_	If Denied, Yes Date:
20 \iint .	Wireline Log Received RECEIVED
Notary Public: Down Hauman	Geologist Report ReceiverANSAS CORPORATION COMMISSION UIC Distribution
A	
Date Commission Expires: 0-4-0010     TE	Public - State of Kansas CONSERVATION DIVISION
	res 8-4-3-010. WICHTA, KS

a stareassol

Operator Name: Quest Cherokee, LLC			Leas	Lease Name: Hines Farms SWD			Well #: 23-1			
ec Twp S. R				ty: Neosh						
INSTRUCTIONS: Sho tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowing every, and flow rate	g and shu s if gas to	t-in pressures, surface test, a	whether s llong with	shut-in pre	ssure reache	ed static level, hyd	lrostatic pressure	es, bottom hole	e
Drill Stem Tests Taken (Attach Additional S		Y	′es □ No		<b></b> ✓L	og Form	ation (Top), Depth	and Datum	☐ Samp	le
Samples Sent to Geol	ogical Survey	□ Y	es No		Nam See	e attached		Тор	Datum	1
Cores Taken Electric Log Run (Submit Copy)		_	′es							
List All E. Logs Run:										
Compensated Dual Induction	=	ron Lo	g							
		Repo	CASING ort all strings set-	RECORD conductor.		ew Used ermediate.prod	luction. etc.			
Purpose of String	Size Hole Drilled	Si	ze Casing	We	eight s, / Ft.	Setting	Type of Cement	# Sacks Used	Type and Pe	
Surface	12-1/4	8-5/8"	et (In O.D.)	22	5. / FL.	Depth 21.5	"A"	5	Additive	15
Production	7-7/8	5-1/2		15.5		1164.59	"A"	205		
·							mai taman alam			
		l	ADDITIONAL	. CEMENT	TING / SQI	JEEZE RECO	RD			
Purpose:  —— Perforate  —— Protect Casing  —— Plug Back TD  —— Plug Off Zone	Depth Top Bottom	Туре	e of Cement	7	ks Used			d Percent Additives	•	
Shots Per Foot			RD - Bridge Plu Each Interval Pe		e	Acid, I	Fracture, Shot, Ceme (Amount and Kind of	ent Squeeze Recor Material Used)	rd D	epth
ŗ	n/a	. =			·					
					<del>-</del>		<del> :</del>	<u> </u>		
TUBING RECORD 2-7/	Size	Set At		Packer	At	Liner Run	☐ Yes 🕡	No		
Date of First, Resumerd waiting on pipeline		nhr.	Producing Me	lhod	Flowin	g Dur	nping Gas	Lift Oth	er <i>(Explain)</i>	
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gra	avity
Disposition of Gas	METHOD OF C	COMPLETI	ON	<u>_</u> 1		Production In	nterval			
Vented Sold (If vented Sub	Used on Lease	•	Open Hole Other (Spec	Pe	erf.	Dually Comp.	Commingled			



	/5/07

DATE: 11/5/07							
Geology Brief - Data taken from Driller's Log & Compensated Density Log							illing
WELL NAME: 1887 M Hines Farms SWD SEC	TION:東海	7 <b>12 5</b>	23	REPORT #:	SPUD DATE:	10/30/2007	
	P * * *			DEPTH: PETD: SPEED FOOTAGE: SPEED FO			-
TELD: Cherokee Basin RAN				PBTD: WE A		ži	
	VATION:	李 特	900	FOOTAGE:	210 FT FROM		UNE
	化医杀 藥	李 徐 德	15-133-26954-0000	* 4 4 4	69 FT FROM	West	LINE
	7. 7. 7.			<b>Mar. As As</b> - 24		NW NW NW	
ACTIVITY DESCRIPTION:							
XD Drilling, Joe Chaloupek and David Small, dr	rilled to TD 1177	ft. on Friday,					
Note: 10 foot samples collected for KGS.			This is a Salt Water Dis	osai weii.			
Surface Casing @ 21.5 ft.							
Surface Casing Size: 8 5/8"							
GAS SHOWS: Mulberry Coal	Gas Measured	mcf/day @	293-295	er	COMMENTS: Wet: 436 ft.		
	<u>0</u>		336-338				
exington Shale and Coal  jummit Shale & Coal	0_	mcf/day @					
Mulky Shale & Coal	0_	mcf/day @	403-409		Can about at 426 % No him:		
	0	mcf/day @	415-419		Gas check at 436 ft. No blow.		
Sevier Coal		mcf/day @	499-504		No upper baffle to set here.		
/erdigris Limestone	0	mcf/day @	520-522		000 0		
Croweburg Coal & Shale	<u>0</u> -	mcf/day @	522-526		GCS. Gas check at 529 ft.		
leming Coal	0	mcf/day @	558-560		GCS. Gas check at 622 ft.		
Veir Coal	0	mcf/day @	628-633		GCS. Gas check at 746 ft.		
artlesville Sand	0	mcf/day @	Poorly developed		No lower baffle to set here.		
owe Coal	0	mcf/day @	767-769	FT.	*******************************		
leutral Coal	0	mcf/day @	773-775	FT.	Gas check at 777 ft. Slight blow.	***************	
Riverton Coal	0	mcf/day @	826-830	FT.		· 	
Aississippi	9	mcf/day @	836-1096	FT.	9 mcf/day from this area. Gas chec	k at 839 & 932 ft	·
Northview Shale	9	mcf/day @	1096-1129	FT.			
Compton Limestone	9 _	mcf/day @	1129-1150	FT.			
Chattanooga Shale - odor	9	mcf/day @	1150-1155	FT.			
Arbuckle	9	mcf/day @	Top at 1155	FT.			
TD: 1177	9	mcf/day @			GCS at TD.		********
Note: Water coming into the hole from zones drille	ed affects Drillin	g & Gas Tests,	and these Wells may requ	ire a booster to re	ach target TD.		*********
This water pressure may cause the Gas coming into							
		×		.A			
***************************************							
lottom of Production Pipe Tally Sheet: TBD.							
lottom Logger: 1176.80 ft.		Driller TD: 117	7 A				
Buttom Lagger, 1170,80 IL		orner 1D: 11/	/ IL				
	6						
hoe & Centralizer Set on bottom joint & Centraliz	zers Set every S	joints to surrac	£.				
		· · · · · · · · · · · · · · · · · · ·	<del></del>	<del> </del>			
THER COMMENTS:							
	the Drillers han					· · · · · · · · · · · · · · · · · · ·	2
			vn during drilling activiti	es. All zones are pi			
the Compensated Density Log only. Gas Tests re							
the Compensated Density Log only. Gas Tests re			data for reservoir analys	is. Below Zones fy	vi only.		
the Compensated Density Log only. Gas Tests re ith minimal log correlation. Detailed work with lo		more accurate	data for reservoir analy	is. Below Zones fy	ri only.		
the Compensated Density Log only. Gas Tests re ith minimal log correlation. Detailed work with lo awnee LS / Pink			data for reservoir analy	is. Below Zones fy	ri only.		
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the Compensated Density Log only. Gas Tests re ith minimal log correlation. Detailed work with has awnee LS / Pink swego Coal swego Limestone		295-336 378-380	data for reservoir analy	is. Below Zones f	ri only.		
the Compensated Density Log only. Gas Tests re ith minimal log correlation. Detailed work with lo awnee LS / Pink swego Coal swego Limestone lineral Coal		295-336 378-380 380-403	data for reservoir analy	is. Below Zones f	ri only.		
the Compensated Density Log only, Gas Tests re rith minimal log correlation. Detailed work with leavenee LS / Pink swego Coal swego Limestone fineral Coal cammon Coal		295-336 378-380 380-403 575-576	data for reservoir analy	is, Below Zones f	ri only.		
the Compensated Density Log only. Gas Tests re rith minimal log correlation. Detailed work with log awnee LS / Pink Isswego Coal Isswego Limestone Ineral Coal cammon Coal		295-336 378-380 380-403 575-576 594-596 611-615	data for reservoir analy	is. Below Zones f	ri only.		
aformation in this report was taken directly from the Compensated Density Log only. Gas Tests re with minimal log correlation. Detailed work with le tawnee LS / Pink Deswego Coal Deswego Limestone dineral Coal cammon Coal debo Coal Duluejacket Coal		295-336 378-380 380-403 575-576 594-596	data for reservoir analy	is. Below Zones f	ri only.		
the Compensated Density Log only. Gas Tests re ith minimal log correlation. Detailed work with log awnee LS / Pink swego Coal swego Limestone tineral Coal cammon Coal ebo Coal luejacket Coal	ogs may provide	295-336 378-380 380-403 575-576 594-596 611-615 661-663		is. Below Zones f	ri only.		
the Compensated Density Log only. Gas Tests re rith minimal log correlation. Detailed work with log awnee LS / Pink Isswego Coal Isswego Limestone Ineral Coal cammon Coal	ogs may provide	295-336 378-380 380-403 575-576 594-596 611-615 661-663	data for reservoir analy	is. Below Zones (	ri only.		
the Compensated Density Log only. Gas Tests re ith minimal log correlation. Detailed work with log awnee LS / Pink swego Coal swego Limestone (ineral Coal cammon Coal ebo Coal luejacket Coal	ogs may provide	295-336 378-380 380-403 575-576 594-596 611-615 661-663	ment to surface	is. Below Zones f	ri only.	krecoy@gr	co net

RECEIVED KANSAS CORPORATION COMMISSION

MAR 13 2008

## **QUEST**



932452

931420

Ravin 4513 . .

5,75

Transport Trailer

80 Vac

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

### TICKET NUMBER 2557

FIELD TICKET REF #

FOREMAN Joe / Dwayne

CONSERVATION DIVISION WICHITA, KS

#### 

DATE		WELL NA	AME & NUMBER	SECTION	TOWNSHIP R	ANGE COUNTY	
11-3-07	HINES	Forms S	5WD	23-1	23	28	19 NO
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Jue	7:15	11:15	1	903427	-	4	Joe Blanch
MAYERICK	7:00	12:30		903197		₩5.25	120
Tyler	7:00	12:30		903600	:	\$5.05	2
TIM	6:45	12:00		903140	932452	\$507S	In ager
DANIEL	6:45	12:00		931420		5.75	Dome Of
							51/2

JOB TYPE LONGSTRING HOLE SIZE 63/4 HOLE DEPTH 1177 CASING SIZE & WEIGHT CASING DEPTH 1164.59 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER\_ SLURRY WEIGHT 14 2 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING RATE 460m DISPLACEMENT 27 · 72 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ REMARKS; Kun2 Sacks from gr/ and Sweep to Surface Then Run 18 2 More Sacks Prem gel-and Stort Cement 1164.59 5 utvalizer 5 12 ACCOUNT CODE TOTAL AMOUNT QUANTITY or UNITS DESCRIPTION OF SERVICES OR PRODUCT 903427 Foreman Pickup 903197 Cement Pump Truck 903600 **Bulk Truck** 1104 Portland Cement 50/50 POZ Blend Cement 1124 1126 OWC - Blend Cement 51/2 Flostshoe 0 1110 Gilsonite SK Flo-Seal 1107 SK 1118 Premium Gel SK RECEIVED 1215A KANSAS CORPORATION COMMISSION 1111B Sodium Silicate SK 1123 City Water MAR 1 3 2008 903140 Transport Truck hr