

### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

# ORIGINACO-1 September 1999 Must Be Typed

#### **WELL COMPLETION FORM**

#### **WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 33344	API No. 15 - 133-26743-60-60
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	swneSec. 33 Twp. 30 S. R. 19
City/State/Zip: Chanute, KS 66720	1650 feet from S (N) circle one) Line of Section
Purchaser: Bluestem Pipeline, LLC	2310 feet from (E) W (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 Services LP	Lease Name: Heiskell, Stephen D. Well #: 33-1
License: 33837 200>	Noticeld Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Contractor: Name: TXD Services LP  License: 33837  Wellsite Geologist: Ken Recoy  Designate Type of Completion:	Footages Calculated from Nearest Outside Section Corner:  (circle one) NE SE NW SW  Lease Name: Heiskell, Stephen D. Well #: 33-1  Cherokee Basin CBM  Producing Formation: Multiple  Elevation: Ground: 948 Kelly Bushing: n/a
✓ New Well Re-Entry Workover	Total Depth: 972 Plug Back Total Depth: 948.55
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 22 Feet
✓ Gas ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
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 948.55
Operator:	feet depth to surface w/ 125 sx cmt.
Well Name:	- M
Original Comp. Date: Original Total Depth:	Drilling Fluid Management Plan A/+II NH 7-8-08 (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:
12/16/06 12/20/06 12/21/06	Lease Name: License No.:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. !R East West
Recompletion Date Recompletion Date	County: Docket No.:
Kansas 67202, within 120 days of the spud date, recompletion, workov Information of side two of this form will be held confidential for a period of 107 for confidentiality in excess of 12 months). One copy of all wireline log- TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged well-	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, wer or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 12 months if requested in writing and submitted with the form (see rule 82-3-s and geologist well report shall be attached with this form. ALL CEMENTING s. Submit CP-111 form with all temporarily abandoned wells.
*/ C	
Signature: Juny K. Anmann	KCC Office Use ONLY
Title: New Well Development Coordinator Date: 4/26/07	Letter of Confidentiality Received
Subscribed and sworn to before me this 26 day of	If Denied, Yes Date:
20 OT .	Wireline Log Received
	Geologist Report Received
Notary Public: Devia Flauman	UIC Distribution
Date Commission Expires: 8-4-20/0 TER Notary P	RA KLAUMAN  ublic - State of Kansas  s. R-4-26(0)

Operator Name: Que	est Cherokee, LL	С	ا معدم ا	Name: H	leiskell, Steph	nen D.	Well #: _33-1	E-		
Sec. 33 Twp. 3				Neosh						
INSTRUCTIONS: SI tested, time tool oper temperature, fluid rec	now important tops an and closed, flowing covery, and flow rate	and base of formations g and shut-in pressures s if gas to surface test, inal geological well site	penetrated. I s, whether she along with fir	Detail al ut-in pre	cores. Repo	l static level, hydr	ostatic pressure	es, bottom hole		
Drill Stem Tests Take (Attach Additional		☐ Yes   ✓ No		<b>∑</b> Lo	og Forma	tion (Top), Depth	and Datum	Sample		
Samples Sent to Geo	ological Survey	☐ Yes 🗸 No		Name Top Dat See attached						
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☑ No ☐ Yes ☐ No								
List All E. Logs Run:								•		
Compensated I Dual Induction Gamma Ray N	Log		C BECORD	Ne Ne	w Used					
		Report all strings se	G RECORD t-conductor, su			ction, etc.				
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./	jht	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives		
Surface	12-1/4	8-5/8"	20		22	"A"	5			
Production	6-3/4	4-1/2	10.5		948.55	"A"	125			
Purpose:	Depth Top Bottom	Type of Cement		#Sacks Used Typ			pe and Percent Additives			
Protect Casing Plug Back TD Plug Off Zone										
	255500.47	ION DECORD Did - Di	0-4/5		۸۵:۵ ۳۰	resture Chat Compa	nt Caucago Boson	4		
Shots Per Foot		ION RECORD - Bridge PI Footage of Each Interval P			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth					
4	867-869/853-855/8	317-819/810-812			300gal 15%HCL w/ 30 bbis 2%kcl water, 641bbis water w/ 2% KCL, Biocide, 11900# 30/70 sand 867-869/853-855					
								817-819/810-812		
4	656-658/603-605/5		500gal 15%HCLw/ 45 bbis 2%kcl water, 716bbls water w/ 2% KCL, Biocide, 12000# 30/70 band 656-658/603-605							
					586-588/559-561 554-556/526-528					
TUBING RECORD	437-441/422-426 Size	Set At	300gal 15%HCLw/ 37 bbls 2%kcl water, 516bbls water w/ 2% KCL, Blocide, 12700# 30/70 sand 437-441/422-426  Liner Run							
	3/8"	871.9	Packer A n/a		Lilie Auli	☐Yes ✓ N	0			
Date of First, Resumer	rd Production, SWD or I	Enhr. Producing M	lethod	Flowing	g ✓ Pum	ping Gas L	_ift Othe	er (Explain)		
Estimated Production Per 24 Hours	Oil n/a	Bbls. Gas 5.4mcf	Mcf	Wate 153.6		Bbls.	Gas-Oil Ratio	Gravity		
Disposition of Gas		COMPLETION			Production Int	erval				
Vented ✓ Sold (If vented, So	Used on Lease	Open Hol	-		Dually Comp.	Commingled				







RIG#	101		S.	33	T. 30		R. 19E			
API#	133-26743		Cour	ity:	Neosho	,		345'	. 0	
	Elev:	948'	Loca	tion	Kansas	<b>,</b>		590'	1 - 1/2"	6.27
		<del>-</del> :-						627	10 - 1/2"	19.9
Operator:	Quest Cherc	okee, LLC						658'	10 - 1/2"	19.9
Address:	9520 N. May	Ave, Suite	300					752'	10 - 1/2"	19.9
	Oklahoma C	ity, OK. 731	20					872'	3 - 1/2"	10.9
Well#	33-1		Leas	e Name	Heiske	II, St	ephen	970'	14 - 1/2"	23.7
Footage Locat	ion	1650	ft froi	m the	N		Line			
		2310	ft fro	m the	Ë		Line			
<b>Drilling Contra</b>	ctor:	TXD 9	SERV	/ICES I	_P					
Spud Date;	12/16/2006		Geol	ogist:			<del></del>			*
Date Comp:	12/20/2006		Total	Depth:	972'					
Exact spot Loc	cation;	NW SW N								
		a la company de la company La company de la company d		tine:		در به سال اولورگار د هانت		3		
	Surface	Production								
Size Hole	12-1/4"	6-3/4"					<del></del>	1		
Size Casing	8-5/8"	4-1/2"			***************************************				· · · · · · · · · · · · · · · · · · ·	
Weight	24#									<del></del>
Setting Depth	22.0'									<del></del>
Type Cement				· · · · · · · · · · · · · · · · · · ·						
Sacks							<del></del>	1		

Formation	Тор	Btm.	Formation	Тор	Btm.	Formation	Тор	Btm.
top soil	0	2	shale	550	558	shale	853	867
lime	2	20	coal	558	559	coal	867	868
shale	20		shale	559	584	shale	868	872
ime	116	126	b.shale	584	586	mississippi	872	972
shale	126	159	shale	586	589			
ime	159	170	sand	589	600			
shale	170	192	shale	600	602		1	
lime	192	202	coal	602	609			
shale	202	236	shale	609	620	DE/	1	
sand	236	251	sand	620	630	CANSAS CORPO	EIVED	
sand/shale	251	281	sand/shale	630	655	15 AMARING	ATTON COMM	SSION
shale	281	319	coal	655	657	APP 2	7 2007	
coal	319	320	shale	657	670			
lime	320	347	sand	670	682	CONSERVAT	ON DIVISION	Ì
shale	347	397	sand/shale	682	700	WICHI	PADIVISION	
lime	397	421	shale	700	732		100	<del></del>
sand	421	426	coal	732	734			
lime	426	437	shale	734	787			
shale	437	441	sand/shale	787	808			<u> </u>
sand	441	456	shale	806	814			
sand/shale	466	509	coal	814	816			
shale	509	545	shale	816	852			
ime	545	550	coal	852			1	



Ravin 4513

211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9500 TICKET NUMBER 1965

FIELD TICKET REF #

FOREMAN Ja

618950

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER					SECTION	TOWNSHIP	RANGE	COUNTY		
12-21-06	Heiskell	5Te,	shew 33	3 - (		33	30	NO			
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #		TRAILER #	TRUC HOUR		EMPLOYEE SIGNATURE		
Jes. B	7:00	10:15	903427				3.24	5 1	a Blanchad		
Tim. A	C:45	}		903255			3.5	and			
Russell - A	6:45			903206			3.5				
Brandon M	7:00			903400	98	2705	3.25	EC3-			
TROY. W	6:30	V		93/4/20				* 7	my place		
JOB TYPE LONG 51 CASING DEPTH 94 SLURRY WEIGHT 14	8.55 DRILL I	PIPE	Т	UBING		OTHE	R	· · · · · · · · · · · · · · · · · · ·			
DISPLACEMENT 15	·12 DISPLA	CEMENT F	PSI M	MIX PSI		RATE	Hbpm	)			
REMARKS:		_			,	,	·		·1 1		
INSTAILER (	Cement he	ad RE	17 3 2KZ C	ed 4 9 661	2 4	p at 12	15 5 k	(5 ct	cement to		
INSTAILER O	Fore. Aluch	pump.	Compruiper	Plus RANSAS COR	ROPOR/	TION COMMISS	loods has	٤			
						7 2007					
	\		4	W	vaii( <del>IGHI</del> T	ON DIVISION					
		**				4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
	in the state of th	demonstrations 2 of									
	948.	55\	f+ 41/2 (	Casing							
	<del></del>	_5 }	Contralice	P5			• · · · · · · · · · · · · · · · · · · ·				
30000	1000.		41/12 fket shae								
ACCOUNT CODE	QUANTITY or t	JNITS		DESCRIPTION OF SE	ERVIC	ES OR PRODUC	т		TOTAL AMOUNT		
903427	3.25	4.	Foreman Pickup								
903255	3.5	hr	Cement Pump Truck								
903206	3.5	hc	Bulk Truck								
1104	12	U SIC	Portland Cement								
1124		_2_	5 <del>0/50 POZ Blend C</del>			3/2 4-3	<u> </u>				
1126			OWC-Blond Gement 411/2 wiper plus								
1110		5K	Gilsonite								
1107	/_	5K	Fio-Seal								
1118		5 K	Premium Gel								
1215A	1901	<u> </u>	KCL								
1111B		<u> </u>	Sodium Silicate Calchlaria								
1123	76000	١. ١	City Water	3					<del>,</del>		
903400	<u> </u>	1	Transport Truck Transport Trailer					<del></del>			
9314/20	3.25	h.r	80 Vac								