#### RECEIVED KANSAS CORPORATION COMMISSION

· JUL 0 7 2006

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

# ORIGINAL Form ACO-1 September 1999 Form Must Be Typed

### CONSERVATION DIVISION WICHITA, KS

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

Operator: License # 33344	API No. 15 - 133-26502-00-00
Name: Quest Cherokee, LLC	County: Neosho
Address: 211 W. 14th Street	seseSec21 Twp29 S. R19
City/State/Zip: Chanute, KS 66720	660 feet from S/ N (circle one) Line of Section
Purchaser: Bluestern Pipeline, LLC	660 feet from E)/ W (circle one) Line of Section
Operator Contact Person: Gary Laswell	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 431-9500	(circle one) NE (SE) NW SW
Contractor: Name: BC Steel	Lease Name: Hughes, Jack D. Well #: 21-2
License: 33711	Field Name: Cherokee Basin CBM
Wellsite Geologist: Ken Recoy	Producing Formation: Multiple
Designate Type of Completion:	Elevation: Ground: 984 Kelly Bushing: n/a
New Well Re-Entry Workover	Total Depth: 1030 Plug Back Total Depth: 1022.20
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 22' 10" 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 1022.20
Operator:	feet depth to surface w/ 120
Well Name:	Alt 2 - Dg - 11/12/08
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	Chloride content ppm Fluid volume bbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
3/6/06 3/10/06 3/17/06	Lease Name: License No.:
3/6/06         3/10/06         3/17/06           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, workown information of side two of this form will be held confidential for a period of 1 107 for confidentiality in excess of 12 months). One copy of all wireline logs TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells	
All requirements of the statutes, rules and regulations promulgated to regulaterin are complete and correct to the best of my knowledge.	ate the oil and gas industry have been fully complied with and the statements
Signature: 7 / may	KCC Office Use ONLY
Title: Head of Operations Date: 7/5/06	Letter of Confidentiality Received
THE COLD	If Denied, Yes Date:
Subscribed and sworn to before me thisday of	, Wireline Log Received
20_06.	Geologist Report Received
Notary Public: Jensinger K. Ammann	UIC Distribution
Date Commission Expires: Quelly 30, 2009	ICAINHEED B ANAMANIN
/ / / I I I I I I I I I I I I I I I I I	JENNIFER R. AMMANN otary Public - State of Kansas Expires 7-30-09

Operator Name: Qu	Lease Nam	Lease Name: Hughes, Jack D. Well #: 21-2							
	<sup>29</sup> S. R. 19	☑ East ☐ West	County: Ne	County: Neosho					
tested, time tool ope temperature, fluid re	n and closed, flowin covery, and flow rate	and base of formations g and shut-in pressures es if gas to surface test, final geological well site	s, whether shut-in along with final c	pressure reached	l static level, hyd	Irostatic pressure	es, bottom hole		
Drill Stem Tests Take		☐ Yes 📝 No		Log Forma	tion (Top), Depth	and Datum	Sample		
Samples Sent to Geological Survey				Name See Attached			Datum		
Cores Taken									
List All E. Logs Run:									
Dual Induction Compensated	_		G RECORD	New Used					
			t-conductor, surface,		ction, 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	11-1/4"	8-5/8"	20#	22' 10"	"A"	4			
Production	6-3/4"	4-1/2	10.5#	1022.20	"A"	120			
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	ADDITION/ Type of Cement	#Sacks Used	SQUEEZE RECOR		d Percent Additives			
Shots Per Foot		TON RECORD - Bridge Plants Footage of Each Interval F			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)  Depth				
4	919-922/862-86	64		300gal 15% HCL w/ 28	bbis 2% kcl water, 550bbis w	ater w/ 2% KCL, Blockle 6000	# 30/50 sand 919-922/862-864		
4	640-642/608-61		400gal 15% HCL w/ 32	bbls 2% kci water, 575bbls w	ater w/ 2% KCL, Blocide 9700				
4	496-500/484-48	37		400gal 15% HCL w/ 33	bbis 2% kcl water, 496bbts wa	±er w/ 2% KCL, Biocide 10000	585-587 # 30/50 sand 496-500/484-487		
TUBING RECORD Size Set At Paci									
2- Date of First, Resumer 5/14/06	3/8" rd Production, SWD or	944 Enhr. Producing M		wing 🗸 Pum	Yes 7		er (Explain)		
Estimated Production Per 24 Hours	oii n/a	Bbls. Gas 17.5mcf	Mcf V	Vater .1bbls		Gas-Oil Ratio	Gravity		
Disposition of Gas		COMPLETION		Production Inte	erval				
Vented ✓ Sold	Used on Lease	Open Hol Other (Sp	LE	Dually Comp.	Commingled				



211 W. 14TH STREET, CHANUTE, KS 66720

620-431-9500

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JUL 07 2006

TICKET NUMBER 1431

TOWNSHIP

SECTION

CONSERVATION DIVISION WICHITA, KS

FIELD TICKET REF # \_\_\_\_\_

RANGE

COUNTY

#### TREATMENT REPORT & FIELD TICKET CEMENT

WELL NAME & NUMBER

3-17.06	Hughes	JACK	< 21-2	<u> </u>	_   21	27 /17	7 770			
FOREMAN / OPERATOR	TIME	TIME	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE			
206 · C	12:30	3'00		903388		2.5	Jag Banner			
Tim. A		3:00		903197		2.5	Layen			
Russell. A		7:48	Aust	903103		1 21 35	12/12			
201. J. C.		3:00	Trades (az. dada"	903296	932452	2.5	Van Allan			
		3 15		931420		2.55				
MAC MAC	1	3:3c		lentra		3 2	MANUNO			
JOB TYPE Long	HOLE S	IZE _ C	<sup>3</sup> /4 H	IOLE DEPTH /0	30 CASII	NG SIZE & WEIGH	T 1142 105			
CASING DEPTH 102	2 20 DRILL F	PIPE	Т	UBING	OTHE	:R	· · · · · · · · · · · · · · · · · · ·			
SLURRY WEIGHT <u>) 1</u>	1.5 SLURR	Y VOL	v	VATER gal/sk	CEM	ENT LEFT in CASI	NG			
DISPLACEMENT/6	30 DISPLA	CEMENT P	SI N	/IIX PSI	RATE	1 bom				
DEMARKS.										
PAN 2 SK	S promo	<u>; al 50</u>	meb+®	Installed	cernit h	och KAN	25K5 GP/			
- + 10 b	bl dye	4 1	30 sks	of carm	-t to get	due to s	urface			
Flushed	10 mp . 10	nop wip	ore plus to	2 bottom	9 Sat Fl	rat Store	25KS Gel			
,							See Service			
****							3.29			
				- V- COURT TO LINE TO LIVE LIVE TO LIVE TO LIVE TO LIVE LIVE LIVE LIVE LIVE LIVE LIVE LIVE						
	102	2.20		cosing						
		- 14		Z-12						
93/3/6	2		Casing	asing tractor						
930804	<u></u>	. h/		trailor +						
		1	11/2 F	loc + Shae						
ACCOUNT CODE	QUANTITY or l	JNITS		DESCRIPTION OF SERVICES OR PRODUCT						
902388	2.5	he	Foreman Pickup	oreman Pickup						
703197	2.5	, hr	Cement Pump Truc	k						
203103	, 21.5	5 hr	Bulk Truck	Bulk Truck						
1104		05K	Portland Cement							
1124	~)		50/50 POZ Blend C	Dement Boffle-	5 312 +					
1126	<u> </u>	7	OWE Blend Com	ent <u>4/12 02</u>	INER Plu	5				
1110		3 5 K	Gilsonite Flo-Seal							
1107		<u>53K</u> 25K	Premium Gel							
1118 1215A	10-1	•	KCL							
1111B	<u> </u>	3 28		300/1000	Ŷ					
1123	7000 ∞		City Water	V.CV. W. I. II. II.	· · · · · · · · · · · · · · · · · · ·					
203226	2	5 L/	Transport Truck							
932452	2 0		≅Transport Trailer							
931420	224	調ない。	80 Vac							
Ravin 4513	<u> </u>	<del></del>			٠.					
							ļ			

**Drilling Field Services** PO Box 326 Yates Center, KS 66783



Rig#1 AP提 Operator

15-133-26502-0000

Quest Cherokee LLC OP #33344

Well #21-2 Lease Name Location

Elevation 984 Hughes, Jack D 660 ft. from South Line

680 ft. from East Line

Spud Date **Date Complete** Total Depth

Hole Size

**Casing Size** 

**Setting Depth** Cement Type Sacks 4

Surface furnished by BCFS Cement furnished by BCFS

3/8/2008 3/10/2006 1030

11 1/4 8 5/8

22' 10"

Production Surface

6 1/2

Neosho County State KS 21 Section 29 Township 19 Range

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> CONSERVATION DIVISION WICHITA, KS

3/8

3/8

3/8

3/8

MCF

No Flow

No Flow

No Flow

No Flow

3.56

3.56

13.40

13.40

77.50

Gas Test Pressure Orifice

1

1

14

14

-9

165

205

305

405

505

605

705

805

930

Drill	Rig	Reports	

Depth in F	eet	•		Remarks
From	ř.	Ťo	Formation	
	0	3	ОВ	
	3	12	Lime	
,	12	25	Shale	
	25	85	Sand	
	85	90	Lime	
	90	98	Shale	•
	98	130	Lime	
	130	155	Shale	
	155	156	Coal	
	156	162	Shale	
	162	172	Lime	
	172	201	Shale	
	201	202	Coal	
	202	220	Sand	
	220	245	Shale	
	245	254	Lime	
	254	261	Shale	
	261	270	Lime	
	270	279	Shale	
	279	285	Lime	
	285	302	Sand	
	302	323	Shale	
	323	324	Coal	
	324	363	Shale	
	363	380	Sand	•
	380	383	Lime	
	383	386	Shale	
	386	402	Sand	
	402	414	Lime	•
	414	420	Coal	
	420	431	Shale	
	431	457	Lime	
	457	459	Shale	
	459	460	Lime	
	460	485	Shale	•
	485	487	Coal	
	487	497	Lime	
	497	501	Coal	
	501	530	Sand	
	530	582	Shale	
	582	583	Coal	
	583	605	Shale	
	605	607	Lime	
	607	609	Coal	
	609	637	Sand	
	637	641	Shale	
	641	642	Coal	
	647	651	Sand	
	DE4	O F C	CHAIA	

Shale

656

651

**Drill Rig Reports** 

14-2006 13:45

656	657	Coal
657	687	·Shale
687	695	Sand
695	704	Shale
704	705	Coal
705	725	Shale
725	<b>72</b> 7	Sand
727	738	Coal
738	740	Shale
740	742	Coal
742	748	Sand
748	763	Shale
763	765	Slack Shale
765	783	Sand
783	787	Shale
787	788	Coal
788	795	Sand
795	84D	Shale
840	850	Laminated
850	855	Sand
855	862	Shale
862	863	Coal
863	867	Shale
867	868	Coal
868	920	Shale
422	923	Coal
923	934	Shale
934	1030	Mississippi

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## CONSERVATION DIVISION WIGHTA, KS



DATE: 3/13/06									
			Data fr	om Driller's	Log		В	C Still - Ve	rsa
WELL NAME:	Hughes, Jack D	SECTION:	21		REPORT#		SPUD DATE	3/6/2006	
WELL #:	21-2	TWP:	298		DEPTH:	1030	Sales and a subjective		
FIELD:	Cherokee Basir	RANGE:	19E		PBTD:				
COUNTY:	Neosho	ELEVATION:	984	,	FOOTAGE	660	FT FROM	South	LINE
STATE:	Kansas	API#:	Market 10	33-26502-00-	Commission of the Commission o		FT FROM	East	LINE
							CONTRACTOR OF THE PROPERTY OF	SE SE	
ACTIVITY DES	SCRIPTION:								
BC Still, Chad Al	tis, drilled to TD	1030 ft. on 3/10/	06.				***************************************		
GAS SHOWS:		as Measured			****	COMMEN			
Mulberry Coal			f/day @	419-420		Gas cneck	at 405 ft. No	TIOW	
Lexington Shale			f/day @		FT. *				
Summit Shale &			f/day @	485-487					
Mulky Shale & (	Coal		f/day @	497-501		4 mct/day f	rom this area	. Gas chec	k at 505 ft.
Bevier Coal			f/day @	582-583					
Verdigris Limes			f/day @	605-607		GUS. Gas	check at 605	π.	
Croweburg Coa	i & Shale		f/day @	607-609		0 (/:			
Fleming Coal		************************	f/day @	641-642		9 mct/day t	rom this area	. Gas chec	k at 705 ft.
Weir Coal			f/day @	740-742			_L! ^ ^ _	<u></u>	
Bartlesville Sand	<u>1</u> 		f/day @	742-763		GCS. Gas	check at 805	π.	
Rowe Coal			f/day @	862-863		**********			
Neutral Coal		******	f/day @	867-868		05 (1)	£ 4' '		-1 -1 000 0
Riverton Coal			f/day @	922-923		ob mct/day	from this are	a. Gas che	ck at 930 ft.
Mississippi			f/day @	Top at 934	FT.				
TD: 1030 ft.		78 mc	f/day @			GCS. Gas	check at TD	1030 ft.	
Surface Casing (	Formation Tops	ller's handwritte	***************************************	nade without l	benefit of viev	ving open-hol	e logs first.		
Surface Casing S									
OTHER COMM					***************************************				
Information in t		aken directly fro	m the Driller	s hand writte	n notes All	denths and c	rifice checks	reflect who	t the
driller recorded	during drilling	activities. Below	Zones fyi on	lv.	II HOTOS TEN	перия ини с	Jimee enecks	Terret Wila	···
			20200 1,1 02	-7.			*	<del></del>	
					, .				
Pawnee LS / Pink		420-457							
Stray Coal		459-460							
Oswego Limestor		460-485	***						
Mineral Coal		656-657					• •		
Scammon Coal		704-705							
Tebo Coal		737-738							
Bluejacket Coal		763-765	-						
Drywood Coal		787-788							
	VMC								
CASING RECO	MMENDATIO	NS: Ri	ın casing / Ce	ment to surfa	ice				
				ODG #4626	- ·				
On Site Represer End of Drilling F		Ken Recoy, Sen	or Geologist,	CPG #4630	Thank you!		krecoy@grcp.net		