CONFIDENTIAL

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 - 15-205-27387-0000
Name: Quest Cherokee, LLC	County: Wilson
Address: 211 W. 14th Street	
City/State/Zip: Chanute, KS 66720	1650 feet from S/ N (circle one) Line of Section
Purchaser: Bluestern Pipeline, LLC	510 feet from E (W) (circle one) Line of Section
Operator Contact Person: Jennifer R. Smith	leet from E No (circle one) Line of Section
Phone: (620) 431-9500	Footages Calculated from Nearest Outside Section Corner: (circle one) NE SE NW SW
` ,	(circle one) NE SE NW SW Lease Name: Head, John A. Well #: 11-2
Contractor: Name: TXD License: 33837	Field Name: Cherokee Basin CBM
001-	Producing Formation: Not Yet Complete
Wellsite Geologist: Ken Recoy	Producing Formation: Not 1 of 1
Designate Type of Completion:	Elevation: Ground: 852 Kelly Bushing: n/a
✓ New Well Re-Entry Workover	Total Depth: 1056 Plug Back Total Depth: 1004
Oil SWD SIOW Temp. Abd.	Amount of Surface Pipe Set and Cemented at 20 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 1004
Operator:	feet depth to surface w/ 195 sx cmt.
Well Name:	Drilling Fluid Management Plan AATW 0-36 07
Original Comp. Date: Original Total Depth:	(Data must be collected from the Reserve Hit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride contentppm Fluid volumebbls
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:
and the second of the second o	Lease Name: License No.:
1-10-08	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	th the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, ver 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 82-3-13) and geologist well report shall be attached with this form. ALL CEMENTING is. Submit CP-111 form with all temporarily abandoned wells.
All requirements of the statutes, rules and regulations promulgated to regul herein are complete and correct to the best of my knowledge.	late the oil and gas industry have been fully complied with and the statements
0 1 D 1 10	KCC Office Use ONLY
Signature: August 2. Xms/h	
Title: New Well Development Coordinator Date: 5/07/08	Letter of Confidentiality Received
Subscribed and sworn to before me this 7th day of 12 pcy	If Denied, Yes Date:
20_08	Wireline Log Received RECEIVED
()	Geologist Report Received KANSAS CORPORATION COM
Notary Public: Hence V. Ulnneman	HC Distribution
Date Commission Expires: 1-08 DENISE V. VEI	
NOTARY PL	ANSAS CONSERVATION DIVISION
	1-08 WICHITA, KS

Operator Name: Que:	st Cherokee, LL	С	Lease	Name:	lead, John A	١.	Well #: 11-2	2
Sec. 11 Twp. 30				: Wilso				
INSTRUCTIONS: Sho tested, time tool open temperature, fluid reco Electric Wireline Logs	and closed, flowing wery, and flow rate	g and shut-in pressure s if gas to surface tes	es, whether sh t, along with fi	ut-in pre	ssure reached	static level, hydr	rostatic pressure	es, bottom hole
Drill Stem Tests Taken (Attach Additional S		Yes No		 ✓L	og Format	ion (Top), Depth	and Datum	Sample
Samples Sent to Geol	ogical Survey	☐ Yes ☐ No		Nam See	e attached		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:					· 3			
Compensated Dual Induction	-		WO DECORD					
		Report all strings s	NG RECORD et-conductor, su	No urface, into		ction, etc.	_	
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12-1/4	8-5/8"	22		20	"A"	5	
Production	7-7/8	5-1/2	14.5		1004	"A"	195	
		ADDITION	IAL CEMENTIN	NG / SQI	JEEZE RECOR	D		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks	Used		Type and	Percent Additives	
Shots Per Foot	PERFORATI Specify	ION RECORD - Bridge I Footage of Each Interval	Plugs Set/Type			acture, Shot, Ceme		d Depth
	Ороспу	Toolage of East merva	Choraco		1			
			-	· · · · · ·				
							-	
TUBING RECORD	Size	Set At	Packer A	At .	Liner Run	☐ Yes ☐ N	lo	
2-3/ Date of First, Resumerd		Waiting on Pipeline Enhr. Producing	n/a Method	Flowin	g Pump			er (Explain)
Estimated Production Per 24 Hours	Oil n/a	Bbls. Gas	Mcf	Wat		Bbls.	Gas-Oil Ratio	Gravity
Disposition of Gas		COMPLETION	. <u></u>		Production Inte	erval		
Vented Sold	Used on Lease	Open Ho	ليب	. 🔲 I	Dually Comp.	Commingled		





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



TICKET NUMBER 4343

FIELD TICKET REF # *____

FOREMAN Jae

TREATMENT REPORT & FIELD TICKET CEMENT

DATE		*****	T NAME & NOWBER					COUNT
1-18.08	Head	John	A. 11.2	<u> </u>	//	30	16	WL
FOREMAN / OPERATOR	TIME	TIME	LESS	TRUCK #	TRAILER #	TRUCK	I	EMPLOYEE SIGNATURE
Joe	4:45	7:00		901940	4	2,2	15 /	1 or Plans
MAVENCIC		7.0	0	903255		2.24		120
Tyler		フ: ひ	0	903600		2.25		22
-, NO drive	R			931385	932450			
Tex +		7:00 pm	ı	931415		2.2	5 3	the let
CASING DEPTH 16 SLURRY WEIGHT 1. DISPLACEMENT 2 REMARKS Pump 14 Circulary	3.5 SLURRY DISPLA Circula BBAL Dye	PIPE Y VOL CEMENT P fian Morker S A	SI N By Pump Lasting Co	ing 300#	Premgel and Stor	ER	CASING_ COING HO	6/e
	<i>O</i>			Perfed C				55.
Pump 195 Wifer 196 Hole Wil	11 Have	<u>+o Be</u>	Loged	Ported o				92
	<i>O</i>	+0 Be	F+ 51/2	Parfed c				3
	11 Have	+0 Be	F+ 51/2 51/2 Cer	ParFed C Casing Hunlizer				20
	11 Have	+0 Be	F+ 51/2 51/2 Cer	Parfed c				
	11 Have	7 G	F+ 51/2 51/2 Cer	ParFed C Casing Hunlizer	ind Rec	cmentee		TOTAL
ACCOUNT CODE	1004.3	HO BE	F+ 51/2 51/2 Cer	Parfed c Casing stralizer at shoe	ind Rec	cmentee		2
Hole Wil	1004.3	HO BE	F+ 51/2 51/2 Cer 51/2 Floo	Parfed C Casing Stralizer Stralizer DESCRIPTION OF SEI	ind Rec	cmentee		TOTAL
ACCOUNT CODE 901940	1004.3 QUANTITY or U 2.2	HO BE	F+51/2 51/2 Cei 51/2 Floo	Parfed C Casing Stralizer Stralizer DESCRIPTION OF SEI	ind Rec	cmentee		TOTAL
ACCOUNT CODE	1004.3 QUANTITY or U 2.25	NITS hr hr	F+ 5'/2 5'/2 Cei 5'/2 Floo Foreman Pickup Cement Pump Truck	Parfed C Casing Stralizer Stralizer DESCRIPTION OF SEI	ind Rec	cmentee		TOTAL
ACCOUNT CODE 90.3255 903600	1004.3 QUANTITY or U 2.2: 2.25 2.25	NITS hr hr o sk	F+ 5 1/2 5 1/2 Cel 5 1/3 Floo Foreman Pickup Cement Pump Truck	Parfed C Casing Stralizer Ashae DESCRIPTION OF SEI	ind Rec	cmentee		TOTAL
ACCOUNT CODE 90194/0 903255 903600 1104	1004.3 QUANTITY or U 2.2: 2.25 2.25	NITS Shr hr br cosk	F+ 5 1/2 5 1/2 Cei 5 1/3 Floo Foreman Pickup Cement Pump Truck Bulk Truck Portland Cement	Casing Stralizer at share DESCRIPTION OF SEI	and Re C	cmentee		TOTAL
ACCOUNT CODE 901940 903255 903600 1104 1124	1004.3 QUANTITY or U 2.2: 2.25 2.25	NITS Shr	Foreman Pickup Cement Pump Truck Bulk Truck Portland Cement 50/50 POZ Blend Ce	Casing Stralizer at shae DESCRIPTION OF SEI	and Re C	cmentee		TOTAL
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ACCOUNT CODE 90/94/0 903255 903600 1104 1124 1126 1110	QUANTITY or U 2.25 2.25 166	NITS 5 hr hr 0 5K	F+ 5 1/2 5 1/2 Cer 5 1/2 Flood Foreman Pickup Cement Pump Truck Bulk Truck Portland Cement 50/50 POZ Blend Cement Gilsonite	Casing Stralizer at share DESCRIPTION OF SEI	and Re C	cmentee		TOTAL
ACCOUNT CODE 90/94/0 903255 903600 1104 1124 1126 1110	QUANTITY or U 2.25 2.25 166 40 2 19	NITS	Foreman Pickup Cement Pump Truck Bulk Truck Portland Cement 50/50 POZ Blend Cement Gilsonite Flo-Seal	Casing Stralizer at share DESCRIPTION OF SEI	and Re C	cmentee		TOTAL
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ACCOUNT CODE 90/94/0 903255 903600 1104 1126 1110 1107 1118 1215A 1111B 1123	QUANTITY or U 2.25 2.25 166 19 19 1900	NITS NITS	Foreman Pickup Cement Pump Truck Bulk Truck Portland Cement 50/50 POZ Blend Cement Gilsonite Flo-Seal Premium Gel KCL Godium Silicate (City Water	Casing stralizer DESCRIPTION OF SEI	RVICES OR PRODUC	T	RECE	TOTAL AMOUNT
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ACCOUNT CODE 90/94/0 903255 903600 1104 1126 1110 1107 1118 1215A 1111B 1123	QUANTITY or U 2.25 2.25 166 19 19 1900	NITS Shy hr hr SK SK SK SK SK SK SK SK SK S	Foreman Pickup Cement Pump Truck Bulk Truck Portland Cement 50/50 POZ Blend Cement Gilsonite Flo-Seal Premium Gel KCL Godium Silicate (City Water	Casing stralizer DESCRIPTION OF SEI	RVICES OR PRODUC	KANSAS	RECE CORPORA MAY D	TOTAL AMOUNT



DATE: 1/18/08 **TXD Drilling** Geology Brief - Data taken from Driller's Log & Compensated Density Log WELL NAME: Head, John A. SECTION: REPORT#: SPUD DATE: 1/10/2008 WELL#: 30S 11-2 TWP: DEPTH: 1056 16E FIELD: Cherokee Basin RANGE: PRTD: · > 38. LINE LINE COUNTY: Wilson ELEVATION: 852 FOOTAGE: 1650 FT FROM South STATE: API #: 15-205-27387-0000 510 FT FROM Kansas West NW SW **ACTIVITY DESCRIPTION:** TXD Drilling, Joe Chaloupek and Chris Espe, drilled to TD 1056 ft. on Friday, 1/18/08 at 9:00 a.m. Note: 10 foot samples collected for KGS. Surface Casing @ 20.0 ft. Surface Casing Size: 8 5/8" GAS SHOWS: COMMENTS: Wet: 230 ft. Gas Measured 556-559 FT. Gas check at 382, 477, 508 & 571 ft. Slight blow. 0 mcf/day@ Mulberry Coal 11 mcf/day from this area. Gas check at 602 & 634 ft. 11 mcf/day @ 589-592 FT. Lexington Shale and Coal 11 mcf/day @ 658-664 FT. Summit Shale & Coal 675-680 FT. 6 mcf/day from this area. Gas check at 696 ft. 17 mcf/day @ Mulky Shale & Coal No upper baffle set. Not enough room. 17 mcf/day @ 720-724 FT. Bevier Coal Verdigris Limestone 17 mcf/day @ 737-739 FT. GCS. Gas check at 759 ft. 17 mcf/day @ Croweburg Coal & Shale 739-743 FT. 777-779 FT. GCS. Gas check at 791 ft. 17 mcf/day @ Fleming Coal No lower baffle set. #1 Weir Coal 17 mcf/day @ 840-845 FT. 17 mcf/day @ 847-849 FT. GCS. Gas check at 885 ft. #2 Weir Coal 3 mcf/day from this area. Gas check at 979 ft. Bartlesville Sand 20 mcf/day @ 899-935 FT. 20 mcf/day @ Absent FT. Rowe Coal Absent FT. 20 mcf/day @ Neutral Coal Gas check at 1042 ft. Went to Tricone. 17 mcf/day @ Riverton Coal Trace FT. mcf/day @ FT. Logger hit Bridge @ 1036 ft. Mississippi Watered out, TD'd early. TD: 1056 ft. mcf/day @ Note: Water coming into the hole from zones drilled affects Drilling & Gas Tests. These Wells may require a booster to reach target TD. This water pressure may cause the Gas coming into the hole to be sporatic and/or appear non-existent, giving false readings of initial Gas measured. Bottom of Production Pipe Tally Sheet: 1041.98 ft. TXD will attempt to push down & if won't go, will leave top joint lay at location and Quest will set, wash & cement. Driller TD: 1056 ft. Bottom Logger: 1035.80 ft. Shoe & Centralizer Set on bottom joint & Centralizers Set every 5 joints to surface. OTHER COMMENTS: Information in this report was taken directly from the Drillers hand written notes, Geologists examination of rock samples with a hand lens

 Pawnee LS / Pink
 559-589

 Oswego Limestone
 625-658

 Mineral Coal
 789-793

 Scammon Coal
 808-810

 Tebo Coal
 836-838

& the Compensated Density Log only. Gas Tests reflect what the driller wrote down during drilling activities. All zones are picked on site with minimal log correlation. Detailed work with logs may provide more accurate data for reservoir analysis. Below Zones fyi only.

RECEIVED KANSAS CORPORATION COMMISSION

CASING RECOMMENDATIONS: Run casing / Cement to surface

Ken Recoy, Senior Geologist, CPG #4630 & #5927 Cell: (620) 305-9900 <u>krecoy@grcp.MbAY U 8 2008</u>

End of Drilling Report. Thank You!

On Site Representative: