KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 33344
Name: Quest Cherokee, LLC
Address: 211 W. 14th Street
City/State/Zip: Chanute, KS 66720
Purchaser: Bluestem Pipeline, LLC
Operator Contact Person: Jennifer R. Ammann
Phone: (620) 431-9500
Contractor: Name: Blue Ribbon Drilling
License: 33081
Wellsite Geologist: Ken Recoy

Designate Type of Completion:
✓ New Well ____ Re-Entry ____ Workover
____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
✓ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: ____ Original Total Depth: ____
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No.
____ Dual Completion Docket No.
____ Other (SWD or Enhr.?) Docket No.

8/7/06	8/8/06	8/14/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24017-00-00
County: Labette
__ - __ - sw - se Sec. 20 Twp. 31 S. R. 19 ✓ East ☐ West
660 feet from (S) / N (circle one) Line of Section
1950 feet from (E) / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: McClanahan, James N. Well #: 20-1
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 950 Kelly Bushing: n/a
Total Depth: 968 Plug Back Total Depth: 961.3
Amount of Surface Pipe Set and Cemented at 23 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
If yes, show depth set ____ Feet
If Alternate II completion, cement circulated from 961.3
feet depth to surface w/ 115 sx cmt.
Alt2 - Dlg - 12/3/08

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content ____ ppm Fluid volume ____ bbls
Dewatering method used
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter ____ Sec. ____ Twp. ____ S. R. ____ ☐ East ☐ West
County: Docket No.:

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Jennifer R. Ammann
Title: New Well Development Coordinator Date: 12/6/06
Subscribed and sworn to before me this 6th day of December,
20 06 .
Notary Public: Terra Klauman
Date Commission Expires: 8-4-2010

TERRA KLAUMAN
Notary Public - State of Kansas
My Appt. Expires 8-4-2010

KCC Office Use ONLY
N Letter of Confidentiality Received
If Denied, Yes ☐ Date:
____ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

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CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: Quest Cherokee, LLC Lease Name: McClanahan, James N. Well #: 20-1

Sec. 20 Twp. 31 S. R. 19 ☑ East ☐ West County: Labette

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 (Attach Additional Sheets) ☐ Yes ☑ No

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run (Submit Copy) ☐ Yes ☐ No

List All E. Logs Run:

Dual Induction Log
Compensated Density Neutron Log

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
See attached		

CASING RECORD ☐ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, 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	12-1/4	8-5/8"	20	23	"A"	4	
Production	6-3/4	4-1/2	10.5	961.3	"A"	115	

ADDITIONAL CEMENTING / SQUEEZE RECORD

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	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	872-874/834-836/818-820/811-813	300gal 15%HCLw/ 29 bbls 2%kcl water, 541bbls water w/ 2% KCL, Biocide, 10500# 30/70 sand	872-874/834-836
			818-820/811-813
4	655-657/583-585/546-548/551-553/518-520	400gal 15%HCLw/ 38 bbls 2%kcl water, 580bbls water w/ 2% KCL, Biocide, 15000# 30/70 sand	655-657/583-585
			546-548 551-553/518-520
4	431-435/412-416	300gal 15%HCLw/ 38 bbls 2%kcl water, 520bbls water w/ 2% KCL, Biocide, 13000# 30/70 sand	431-435/412-416

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	893.32	n/a	☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
11/28/06	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	0mcf	0bbls		

Disposition of Gas: ☐ Vented ☑ Sold ☐ Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify)

Production Interval

Blue Ribbon Drilling LLC
PO Box 279
Dewey, OK 74029

Operator: Quest Cherokee LLC
Desc. Sw Se Sec 20Twp 31S Rge 19E
County Labette State Kansas
Com : 8-7-06 Cease Drilling: 8-8-06
Casing: 8 5/8" at 23' cemented w/ 10 sacks
Rotary T. D. 968
API # 15-009-24017-0000

Lease/ Well McClanahan , James N.
Elevation: 950

Top	Bottom	Formation	Top	Bottom	Formation
0	2	top soil	573	583	sandstone
2	30	shale w/ sandstone streaks	583	586	coal 2 1/2'
30	55	limestone	586	591	sandy shale
55	82	shale w/ limestone interbedded	591	595	shale w/ limestone interbedded
82	90	limestone	595	596	coal 1'
90	170	shale w/ limestone interbedded	596	610	sandy shale
170	198	shale w/ limestone streaks	610	627	shale w/ sandstone interbedded
198	210	sandstone	627	656	shale w/ limestone interbedded
210	235	sandy shale	656	658	coal 2'
235	250	sandstone	658	677	sdy shale w/ shale mixed
250	261	med.shale w/ interbedded sandstone	677	687	shale w/ limestone interbedded
261	308	red shale	687	688	coal 1'
308	309	black shale	688	699	shale w/ sandstone interbedded
309	314	limestone	699	701	coal 1 1/2'
314	325	sandstone	701	716	sandstone
325	327	limestone	716	727	sandy shale
327	371	shale w/ limestone interbedded	727	792	shale w/ limestone interbedded
371	373	limestone	792	794	coal 1 1/2'
373	389	shale w/ limestone interbedded	794	810	shaly sandstone
389	390	limestone	810	813	coal 2 1/2'
390	392	shale	813	831	shale w/ limestone interbedded
392	411	" Wet " limestone	831	832	coal 1"
411	417	black shale	832	872	limy sandstone
417	420	shale w/ limestone interbedded	872	875	coal 3'
420	431	limestone	875	877	shale w/ limestone interbedded
431	435	black shale	877	925	chert & limestone
435	441	limestone	925	968	tan limestone
441	447	sandy shale	968		TOTAL DEPTH
447	465	shaly sandstone			
465	520	med. Shale w/ limestone interbedded			
520	522	coal 1 1/2'			
522	531	sandy shale			
531	543	shale w/ sandstone streaks			
543	551	shale w/ limestone interbedded			
551	553	coal 1 1/2'			
553	554	limestone			
554	573	sdy shale w/ limestone interbedded			

QUEST
Resource Corporation

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

TICKET NUMBER 1748

FIELD TICKET REF #

FOREMAN Joe / Craig

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-14-06	McClanahan James 20-1	20	31	19	LB

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
~~Joe B~~		~~5:45~~				~~3.50~~	
Craig C	2:15	5:45		903127		3.50	
Wes T		5:00		903197		2.75	
MAverick D		4:30				2.25	
David C		5:15		903140	932452	3.00	
Troy W		5:30		931615		3.25	
Russell A		5:00		Extra		2.75	

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 968 CASING SIZE & WEIGHT 4 1/2 10.5

CASING DEPTH 961.30 DRILL PIPE TUBING OTHER

SLURRY WEIGHT 14.5 SLURRY VOL WATER gal/sk CEMENT LEFT in CASING 6

DISPLACEMENT 15.33 DISPLACEMENT PSI MIX PSI RATE 4 bpm

REMARKS:

Ran 2 sks gel & 10 bbl dye + 115 SKS of Cement to get dye to surface. Flush pump. Pump wiper plug to bottom & set Float shoe

	961.30	Ft 4 1/2 Casing
	5	Centralizers
931310	1.25 hr	Casing tractor
807253	1.25 hr	Casing trailer

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903127	3.50 hr	Foreman Pickup	
903197	2.75 hr	Cement Pump Truck	
903	2.25 hr	Bulk Truck	
1104	110 SK	Portland Cement	
1124	2	~~50/50 POZ Blend Cement~~ Baffle 3 1/2 & 3"	
1126	1	~~OWC - Blend Cement~~ 4 1/2 wiper Plug	
1110	15 SK	Gilsonite	
1107	1 SK	Flo-Seal	
1118	2 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	~~Sodium Silicate~~ Calchloride	
1123	7000 gal	City Water	
903140	2.75 hr	Transport Truck	
932452	2.75 hr	Transport Trailer	
931615	3.25 hr	80 Vac	
Ravin 4513	1	4 1/2 Floatshoe	

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