

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 SLOW 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. _____

<u>7/7/06</u>	<u>7/8/06</u>	<u>7/19/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26782-00-00
County: Wilson
 w/2 ne sw Sec. 31 Twp. 27 S. R. 17 East West
1980 feet from S / N (circle one) Line of Section
1750 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Reaves, Charles T. Well #: 31-1
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 984 Kelly Bushing: n/a
Total Depth: 1219 Plug Back Total Depth: 1212.87
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 1212.87
feet depth to surface w/ 144 sx cmt.

Drilling Fluid Management Plan Alt. II KJR 11/02/07
(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: 11/6/06
Subscribed and sworn to before me this 6th day of November,
2006.

Notary Public: Vivara Klauwan
Date Commission Expires: 8-4-2010

TERRA KLAUMAN Distribution
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
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Operator Name: Quest Cherokee, LLC Lease Name: Reaves, Charles T. Well #: 31-1
 Sec. 31 Twp. 27 S. R. 17 East West County: Wilson

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density Neutron Log Dual Induction Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See attached
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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"	8	
Production	6-3/4	4-1/2	10.5#	1212.87	"A"	144	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

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	1120-1122	200gal 15%HCLw/ 48bbls 2%kcl water, 250bbls water w/ 2% KCL, Blockde, 3000# 20/40 sand	1120-1122
4	948-950/963-965/828-831/814-816	400gal 15%HCLw/ 37bbls 2%kcl water, 751bbls water w/ 2% KCL, Blockde, 13000# 20/40 sand	948-950/963-965 828-831/814-816
4	740-744/730-734	300gal 15%HCLw/ 47bbls 2%kcl water, 541bbls water w/ 2% KCL, Blockde, 13000# 20/40 sand	740-744/730-734

TUBING RECORD	Size Set At 2-3/8" 1178	Packer At n/a	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 8/29/06	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. n/a	Gas Mcf 3.5mcf	Water Bbls. 95.7bbls	Gas-Oil Ratio	Gravity
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Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

Blue Ribbon Drilling LLC

PO Box 279
Dewey, OK 74029

Operator: Quest Cherokee LLC
Desc. w/2 Ne Sw Sec 31 Twp 27 S Rge 17 E
County Wilson State Kansas
Com : 7-7-2006 Cease Drilling: 7-8-2006
Casing: 8 5/8" at 23' 1" cemented w/ 8 sacks
Rotary T. D. 1219'
API #: 15-205-26782-0000

Lease/ Well Reaves, Charles T. No. 31-1
Elevation: 984 Ground Level

Top	Bottom	Formation	Top	Bottom	Formation
0	2	top soil	652	654	limestone
2	11	clay	654	656	coal
11	25	red shale	656	676	limestone
25	40	limestone	676	680	shale & coal interbedded
40	145	shale w/ limestone streaks	680	682	limestone
145	155	limestone	682	692	med. Shale w/ limestone interbedded
155	158	sandy shale	692	710	green shale w/ sandstone mixed
158	160	coal 2'	710	712	coal 1 1/2'
160	202	"wet " sandstone	712	719	limestone
202	203	coal 1'	719	720	coal 6"
203	231	limestone	720	727	limestone
231	242	dark shale w/ pyrite	727	733	coal & black shale
242	243	coal	733	736	medium shale
243	265	sdy shale w/ limestone interbedded	736	741	limestone
265	311	limestone	741	746	coal & black shale
311	313	shale Dark	746	756	light shale
313	344	limestone	756	814	" Odor " sandstone shaly
344	351	shale " Black " & Coal	814	815	limestone
351	378	limestone	815	817	coal 2'
378	385	medium shale	817	830	lt. Shale & limestone
385	389	black shale	830	832	coal 2'
389	424	limestone	832	845	sandstone
424	450	med. Shale w/ limestone streaks	845	861	med. Shale w/ limestone interbedded
450	453	black shale	861	863	coal 2'
453	486	med. Shale w/ limestone streaks	863	871	sandstone
486	503	sandy shale	871	873	coal 1 1/2'
503	514	shale med. W/ sandstone streaks	873	880	med. Shale w/ limestone interbedded
514	519	limestone	880	881	coal 1
519	528	medium shale	881	893	shale w/ limestone streaks
528	547	med. Shale w/ limestone streaks	893	905	"Odor" sandstone
547	555	lime w/ shale breaks	905	912	shale
555	566	green shale w/ limestone breaks	912	914	coal 2'
566	595	green sandstone	914	917	sandy shale
595	600	sand w/ limestone streaks	917	919	coal 1 1/2'
600	617	sandstone	919	925	shale w/ limestone streaks
617	642	sdy shale w/ broken shale	925	926	coal 1'
642	652	shale w/ limestone streaks	926	944	sdy shale w/ limestone streaks

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Blue Ribbon Drilling LLC

Quest Cherokee LLC
Reaves, Charles T.

Top	Bottom	Formation	Top	Bottom	Formation
944	948	sdv shale w/ sandstone streaks			
948	950	coal 1 1/2'			
950	960	shale w/ limestone streaks			
960	965	limy sandstone			
965	1000	" ODOR " sandstone			
1000	1001	coal 1'			
1001	1070	sandstone			
1070	1084	med. Shale w/ limestone interbedded			
1084	1088	shale w/ sandstone streaks			
1088	1094	sandstone			
1094	1097	coal 2 1/2'			
1097	1122	medium shale			
1122	1126	coal 3 1/2'			
1126	1132	medium shale			
1132	1139	Mississippi Chat			
1139	1160	Chat & tan Limestone			
1160	1219	Tan Limestone			
1219		TOTAL DEPTH			

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Blue Ribbon Drilling LLC

Gas Test	
Operator:	Well / Lease
Quest Cherokee LLC	Reaves, Charles T. # 31-1 Sec. 31-27S-17E Wilson County, Kansas API # 15-205-26782-000

Test No.	Depth	Results	Remarks
1	717	0 # on a 1/8" orifice = 0 MCF	
2	736	3# on a 1/8" orifice = 4.84 MCF	
3	748	5# on a 1/8" orifice = 6.39 MCF	
4	817	5# on a 1/8" orifice = 6.39 MCF	
5	910	7 # on a 1/8" orifice = 7.40 MCF	
6	1019	4.5# on a 1" orifice = 301 MCF	
7	1109	4.5# on a 1" orifice = 301 MCF	
8	1132	4.5# on a 1" orifice = 301 MCF	
9	1139	4.5# on a 1" orifice = 301 MCF	
10	1219	4.5# on a 1" orifice = 301 MCF	
11			
12			
13			
14			

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QUEST

Resource Corporation

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

TICKET NUMBER 1695

FIELD TICKET REF #

FOREMAN Craig Goodner

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
July 19, 2006	Groves Charles 31-1		31	27	17	Wilson	
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Craig B	6:30	11:45		903127		5.25	<i>[Signature]</i>
Tim A	6:30			903255		5.25	<i>[Signature]</i>
Russell K	7:00			903103		4.75	<i>[Signature]</i>
David C	7:00			903103 903106	932452	4.75	<i>[Signature]</i>

JOB TYPE logstring HOLE SIZE 6 3/4 HOLE DEPTH 1219 CASING SIZE & WEIGHT 4 1/2 x 10.5
 CASING DEPTH 1219.27 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 19.24 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.0 bpm

REMARKS:

Run 2 sacks of gel out slick to surface. Installed cement head, pump 1 sack of gel, 13 dye, and 144 sacks of cement to gel slug to surface. Flushed pump, pumped wiper plug to bottom; set floodshoe.

1219.27	54 4 1/2 casing
6	centralizers
981210	2 hr casing truck
607253	2 hr casing trailer

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903127	5.25 hr	Foreman Pickup	
903255	5.25 hr	Cement Pump Truck	
903103	4.75 hr	Bulk Truck	
1104	1816	Portland Cement	
1124		50/50-POZ-Bleed-Cement	
1126	1	OWC-Bleed-Cement 4 1/2 in. x 6 in. plug	
1110	11	Gilsonite	
1107	1	Flo-Seal	
1118	3	Premium Gel	
1215A	1 gal	KCL	
1111B	3	Sodium-Silicate - calcium chloride	
1123	7000 gal	City Water	
903140	4.75 hr	Transport Truck	
903103	4.75 hr	Transport Trailer	
903106	hr	80 vac	

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1 2 1/2 floodshoe