

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

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: Gary Laswell
Phone: (620) 431-9500
Contractor: Name: James D. Lorenz
License: 9313
Wellsite Geologist: Michael Ebers

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. _____

<u>1/23/04</u>	<u>1/24/04</u>	<u>1/27/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26021 - 00 - 00
County: Neosho
NW SE NW SW Sec. 20 Twp. 29 S. R. 19 East West
750 feet from (S) N (circle one) Line of Section
700 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW ~~SW~~

Lease Name: Gastineau Well #: 20-1

Field Name: Cherokee Basin CBM

Producing Formation: Multiple

Elevation: Ground: 1000 Kelly Bushing: n/a

Total Depth: 1162 Plug Back Total Depth: 1052.82

Amount of Surface Pipe Set and Cemented at 24 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1052.82

feet depth to surface w/ 149 _____ sx cmt.

Alt II w/ m 5-4-06

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: [Signature]

Title: Head of Operations Date: 4/27/06

Subscribed and sworn to before me this 27th day of April

20 06

Notary Public: Jennifer R. Ammann

Date Commission Expires: July 30, 2009

JENNIFER R. AMMANN
Notary Public - State of Kansas
My Appt. Expires 7-30-09

KCC Office Use ONLY

N Letter of Confidentiality Received
If Denied, Yes Date: _____

Wireline Log Received **RECEIVED**
KANSAS CORPORATION COMMISSION

Geologist Report Received
LIC Distribution

MAY 01 2006

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Gastineau Well #: 20-1
 Sec. 20 Twp. 29 S. R. 19 East West County: Neosho

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lenapah Lime	317	+683
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Altamont Lime	352	+648
List All E. Logs Run:		Pawnee Lime	416	+539
Comp. Density/Neutron Log		Oswego Lime	528	+472
Dual Induction Log		Verdigris Lime	667	+333
Gamma Ray/Neutron Log		Mississippi Lime	999	+1

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	11"	8-5/8"	20#	24	"A"	6	
Production	6-3/4"	4-1/2"	10.5#	1052.82	"A"	149	

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	988-989/932-934/700-702/667-674/645-647/567-574/553-557	600gal 15%HCL w/ 42bbls 2%kcl water, biocide, 430bbls 2%kcl, biocide, 13000# 20/40 sand	988-989/932-934
		500gal 15%HCL w/ 36bbls 2%kcl water, biocide, 460bbls 2%kcl, biocide, 8000# 20/40 sand	700-702/667-671
			645-647
		500gal 15%HCL w/ 9bbls 2%kcl water, biocide, 430bbls 2%kcl, biocide, 12000# 20/40 sand	567-571/553-557

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>960.2</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <u>2/22/05</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>
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Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>56.6mcf</u>	Water Bbls. <u>45bbls</u>	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval	RECEIVED KANSAS CORPORATION COMMISSION
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other <i>(Specify)</i>		MAY 01 2006

CONSOLIDATED OIL WELL SERVICES, INC.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER **32729**
 LOCATION CHANUTE
 FOREMAN TODD A. TINDLE

TREATMENT REPORT

DATE <u>1-27-04</u>	CUSTOMER # <u>6628</u>	WELL NAME #20-1 <u>GASTINEAU</u>	FORMATION
SECTION <u>20</u>	TOWNSHIP <u>205</u>	RANGE <u>19E</u>	COUNTY <u>NO</u>
CUSTOMER <u>QUEST CHEROKEE LLC</u>			
MAILING ADDRESS <u>P.O. BOX 100</u>			
CITY <u>BENEDICT</u>			
STATE <u>KANSAS</u>		ZIP CODE <u>66714</u>	
TIME ARRIVED ON LOCATION			

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>255</u>	<u>HERB</u>		
<u>103</u>	<u>WES</u>		
<u>286</u>	<u>WILL</u>		
<u>414</u>	<u>GEORGE</u>		

WELL DATA	
HOLE SIZE <u>6 3/4</u>	PACKER DEPTH
TOTAL DEPTH <u>1063'</u>	PERFORATIONS
	SHOTS/FT
CASING SIZE <u>4 1/2</u>	OPEN HOLE
CASING DEPTH <u>1053'</u>	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MIS. PUMP	<input type="checkbox"/>
<input type="checkbox"/> OTHER	<input type="checkbox"/>

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB CIRCULATE w/FRESH H₂O; RUN 3GEL AHEAD w/COTTONSEED HULLS - 5 BBL PAD; RUN 10 BBL DYE w/ SODIUM SILICATE IN LAST 5 BALS; CEMENT UNTIL DYE RETURN; FLUSH PUMP; PUMP PLUG w/KCL WATER; SET FLOAT SHOE;
 AUTHORIZATION TO PROCEED _____ TITLE LEAD IN @ 12:1 TAKE IN @ 14:0

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
							BREAKDOWN PRESSURE
							DISPLACEMENT
							MIX PRESSURE
							MIN PRESSURE
							ISIP
							15 MIN.
							MAX RATE
							MIN RATE

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 KANSAS CORPORATION COMMISSION
 MAY 01 2006
 CONSERVATION DIVISION
 WICHITA, KS

James D. Lorenz #9313
543-A 22000 Rd.
Cherryvale, KS 67335
620-328-4433

DRILLER LOG
QUEST CHEROKEE, LLC

Gastineau #20-1
S20, T29, R19E
Neosho County
API#15-133-26021-00-00

0-5 SAND ROCK
5-95' SHALE
95-140 LIME
140-175 SHALE
175-195 LIME
195-220 SHALE
220-235 LIME
235-336 SHALE
336-356 LIME
356-453 SHALE
453-456 LIME
456-460 BLACK SHALE
460-493 LIME PINK
493-497 BLACK SHALE
497-531 SHALE
531-558 LIME OSWEGO
558-562 BLACK SHALE
562-568 LIME
568-573 BLACK SHALE
573-590 SANDY LAMINATED
590-646 SHALE
646-647 LIME
647-648 COAL
648-670 SHALE
670-672 COAL
672-701 SHALE
701-703 COAL
703-737 SHALE
737-865 SAND ODOR
865-928 SHALE
928-930 COAL
930-935 SHALE
935-937 COAL
937-995 SHALE
995-998 COAL
998-1003 SHALE
1003-1063 MISSISSIPPI

1063' T.D.

1-23-04 Drilled 11" hole and
Set 24' of 8 5/8" Surface pipe
Set with 6 sacks of Portland Cement

1-24-04 Started drilling 6 3/4" hole

1-24-04 Finished drilling to T.D. 1063'

461' GAS TEST 0" ON 1/2" ORIFICE
511' SLIGHT
560' SLIGHT
573' SLIGHT
662' SLIGHT
687' SLIGHT
712' SLIGHT
762' GAS TEST 2" ON 1/2" ORIFICE
868' GAS TEST 2" ON 1/2" ORIFICE
937' GAS TEST 2" ON 1/2" ORIFICE
1000' GAS TEST 15" ON 3/4" ORIFICE

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KANSAS CORPORATION COMMISSION

MAY 01 2006

CONSERVATION DIVISION
WICHITA, KS