

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: Gary Laswell  
Phone: (620) 431-9500  
Contractor: Name: Well Refined Drilling Company, Inc.  
License: 33072  
Wellsite Geologist: Thomas Oast

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>10/13/04</u>	<u>10/14/04</u>	<u>11/08/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26185-00-00  
County: Neosho  
Address: EZ - W2 - sw - nw Sec. 19 Twp. 29 S. R. 18  East  West  
1980 feet from S N (circle one) Line of Section  
510 feet from E W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Leck, Marvin G. Well #: 19-1  
Field Name: Cherokee Basin CBM

Producing Formation: Summit/Mulky/Riverton/Rowe/Neutral/Weir/Tebo/Fleming/Crowberg/Bevier  
Elevation: Ground: 976 Kelly Bushing: n/a  
Total Depth: 1143 Plug Back Total Depth: 1140  
Amount of Surface Pipe Set and Cemented at 20.10 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1140  
feet depth to Surface w/ 144 \_\_\_\_\_ sx cmt.  
ALT II WITH 0-25-04

**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: 4/10/06  
Subscribed and sworn to before me this 10th day of April,  
2006.  
Notary Public: Jennifer R. Ammann  
Date Commission Expires: July 30, 2009

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

**JENNIFER R. AMMANN**  
Notary Public - State of Kansas  
My Appt. Expires July 30, 2009

Operator Name: Quest Cherokee, LLC Lease Name: Leck, Marvin G. Well #: 19-1  
 Sec. 19 Twp. 29 S. R. 18  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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Comp. Density/Neutron Log  
 Dual Induction Log  
 Gamma Ray/Neutron Log

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
 See attached

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**WICHITA, KS**

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#	20.10'	"A"	4	
Production	6-3/4"	4-1/2"	10.5#	1140	"A"	144	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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	648-651/660-663/740-742/763-766/802-805	378 bbls water, 20# HEC, 2% KCL, max flo & biocide, 15000# 20/40 brady sand	648-651/660-663
	875-878/921-924/1016-1018/1072-1076	666 bbls H2O, 2% KCL, Biocide, Max flo, 155000# 20/40 sand	740-742/763-766/802-805/875-878/921-924
		483 bbls H2O, 2% KCL, Biocide, 7400# sand	1072-1076/1016-1018

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1097.85'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr. 6/01/05	Producing Method
	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	23.1 mcf	10 bbls		

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) \_\_\_\_\_

211 WEST 14  
 CHANUTE, KS 66720  
 620-431-9500

TICKET NUMBER \_\_\_\_\_  
 LOCATION Chanute, KS  
 FOREMAN John Mielke

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-8-04		Leck, Marvin. 6 # 19-1	19	295	18E	No

FOREMAN OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRUCK HOURS	EMPLOYEE SIGNATURE
John . M	6:35	12:15	No	348	5.0	[Signature]
Wes . T	6:55	12:15	No	197	4.75	Wesley Thomas
Simmy . H	6:54	12:15	No	103	4.75	[Signature]
Tim . A	6:55	12:15	No	140	4.75	[Signature]
Rodney . A	6:52	12:15	No	106	4.75	[Signature]

3. TYPE Long string HOLE SIZE 8 3/4 HOLE DEPTH 1143 CASING SIZE & WEIGHT 4 1/2; 10.5  
 CASING DEPTH 1140 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.9 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 18.1 DISPLACEMENT PSI 1200 MIX PSI 500 RATE \_\_\_\_\_

REMARKS: Circulate with fresh water, ran 2 Gel ahead, Ran 13 BBL Dye with 15 Gallons Sodium Silicate. Cement until Dye return, flush pump, pump plug with K.C.L. water, set float shoe.

Dozer on location to move crows in and out from Road.  
Very Dirty Hole, Mega. cuttings in both Gel and Scave-gel Cement, As well as the good cement brought to surface. Total work time 2 hr 45 min.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	# 348	Foreman Pickup		
	# 197	Cement Pump Truck		
	# 103	Bulk Truck		
1110	14 sks	Gilsonite		
1107	1 sk	Flo-Seal		
1118	2 sks	Premium Gel		
1215A	1 gal	KCL		
1111B	15 gals	Sodium Silicate		
1123	6,090 gals	City Water <u>145 BBL</u>		
	# 140	Transport		
	# 106	80 Vac		
	130 sks	Cement <u>144 sks w/additives</u>		
	w/out additives			

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SALES TAX \_\_\_\_\_ ESTIMATED TOTAL \_\_\_\_\_  
 AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Quest Cherokee LLC Cementing Report

Date: 11-8-2004

Well: Leek, Marvin #19-1 Legals 19-295-18E Neasha Co.

RE: Run & Cement Longstring-Notified Becke at KCC Office- 11 8 04 9:00 ~~11 8 04 9:00~~ ~~AM~~ ~~PM~~

Time:

- 1 7:35 A.M. Team Leek W.S. -on location and rig up
- 2 7:50 A.M. Buckeye on location and spot casing trailer
- 4 8:20 A.M. Team Leek W.S. -TIH w/ 1140 ft of casing
- 3 8:05 A.M. QCOS on location and rig up
- 5 9:15 A.M. Team Leek W.S. -Hit fill approx. 410' ft from T.D.
- 6 10:55 A.M. QCOS wash casing to T.D. and circulate 2 sks gel to surface  
2 Hr wash time w/ Gel
- 7 11:00 A.M. Team Leek W.S. -Land casing
- 8 11:25 A.M. Team Leek W.S. -Rig down and off location
- 9 11:25 A.M. QCOS- pump- Circulate W/ fresh H2O, run 13 bbl dye with 15 gal sodium silicate, cement until dye return, flush pump, pump plug W/ KCL water, set float shoe  
kept losing circulation during cement cycle.

10:25 pm. QCOS Rig down and off location

CEMENT SLURRY:

Total Cement: 144 sks  
 Cement blend: OWC, 5# Gilsonite, 1/4# Flo-Seal  
 Cement slurry weight: 13.9  
 Average Surface Pressure:

Running cement circulation pressure: 500  
 Pumping plug circulation pressure: 1200  
 Circulation during job: Spotty, lost circulation many times

HOLE/CASING/FLOAT EQUIPMENT SUMMARY:

Hole Size & Depth: 6 3/4"- 1143'  
 Casing Size & Depth: New 4 1/2" 10.5# per/ft. Range 3-plus shoe- 1140  
1118.45 Centralizer  
867.59 Basket  
651.36 Centralizer  
448.08 Basket  
203.71 Centralizer  
 1 ea 4 1/2" Latch-Down Float Shoe w/ Notch Collar on bottom & 4 1/2" Latch-Down Plug

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*Dozer on location to move cranes in and out.  
 very Dirty Hole, mega-cuttings brought back both  
 in gel and scavenger cement, as well as  
 the good cement brought to surface.  
 total wash time with Gel cycle 2 hrs 45 min*

**Well Refined Drilling Company, Inc.**

4270 Gray Road - Thayer, KS 66776

Contractor License # 33072 -

620-763-2619/Home; 620-432-6170/Jeff's Pocket; 620-423-0802/Truck; 620-763-2065/FAX

Rig #:	3	S 19	T 29	R 18
API #:	15-133-26185-0000	Location SW, NW		
Operator:	Quest Cherokee, LLC	County: Neosho		

HAVE RIG  
 RIG #3  
 WILL DIG

Address: 5901 N. Western, Suite 200		Gas Tests			
Oklahoma City, OK 73118		Depth	Oz.	Orifice	flow - MCF
Well #: 19-1	Lease Name: Leck, Marvin G	523	No Flow		
Location: 1980 ft. from (N / S) Line		563	3"	3/4"	24.5
510 ft. from (E / W) Line		605	2"	3/4"	20
Spud Date: 10/13/2004		653	6"	3/4"	34.7
Date Completed: 10/14/2004	TD: 1143	743	9"	3/4"	42.5
Geologist:		763	Gas Check Same		
<b>Casing Record</b>	Surface	Production	Gas Check Same		
Hole Size	12 1/4"	6 3/4"	Gas Check Same		
Casing Size	8 5/8"		883	7"	3/4" 37.4
Weight			1003	6"	3/4" 34.7
Setting Depth	20' 10"		1023	7"	1" 68.3
Cement Type	Portland		1078	5"	1" 57.7
Sacks	4 W		1103	3"	1" 44.7
Feet of Casing	20' 10" C				
Rig Time	Work Performed				

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**Well Log**

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	Overburden	398	400	shale	619	621	shale
1	3	clay	400	410	lime	621	644	Oswego lime
3	19	sand	410	433	shale	644	646	shale
19	31	lime	433	450	lime	646	650	Summit blk shale
31	34	shale	450	506	shale	650	651	shale
34	36	coal	506	511	laminated sand	651	657	lime
36	125	shale	511	519	sand	657	659	blk shale
125	184	lime	519	542	shale	659	660	Mulky coal
184	190	shale	542	545	lime	660	664	lime
190	241	sand	545	547	Mulberry coal	664	672	sand
241	271	lime	547	551	shale	672	723	shale
271	278	shale	551	582	Pink lime	723	726	lime
278	282	Hushpuckney blk shale	582	583	shale	726	736	shale
278	282	water	583	585	Lexington blk shale	736	737' 6"	Bevier coal
282	284	shale	585	594	shale	737' 6"	756	shale
284	340	lime	594	595	coal	756	757	lime
340	397	shale	595	618	shale	757	759	shale

