

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 Ammann
Phone: (620) 431-9500
Contractor: Name: MOKAT
License: 5831
Wellsite Geologist: Ken Recoy

RECEIVED
KANSAS CORPORATION COMMISSION
JUN 29 2006
CONSERVATION DIVISION
WICHITA, KS

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>2/27/06</u>	<u>2/28/06</u>	<u>3/11/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26454-00-00

County: Neosho

_____ se _____ nw Sec. 22 Twp. 28 S. R. 18 East West

2100 feet from S N (circle one) Line of Section

1980 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Kilgore, Gary L. Well #: 22-1

Field Name: Cherokee Basin CBM

Producing Formation: Multiple

Elevation: Ground: 1000 Kelly Bushing: n/a

Total Depth: 1140 Plug Back Total Depth: 1135.69

Amount of Surface Pipe Set and Cemented at 22.5' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1135.69

feet depth to surface w/ 120 ^{sx cmt.}

Alt 2-Dlg-11/10/08

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: 6/27/06

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

20 06

Notary Public: Denise V. Venneeman

Date Commission Expires: _____

DENISE V. VENNEEMAN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 7-1-08

KCC Office Use ONLY

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

Operator Name: Quest Cherokee, LLC Lease Name: Kilgore, Gary L. Well #: 22-1
 Sec. 22 Twp. 28 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 <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: Comp. Density/Neutron Log Dual Induction Log Gamma Ray CCL	<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#	22'5"	"A"	4	
Production	6-3/4"	4-1/2"	10.5#	1135.69'	"A"	120	

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	992-994/1046-1049	400gal 15% HCL w/ 44 bbls 2% kcal water, 483bbls water w/ 2% KCL, Blockde 1900# 30/70 sand	992-994/1046-1049
4	744-747/782-784/917-919	400gal 15% HCL w/ 50 bbls 2% kcal water, 536bbls water w/ 2% KCL, Blockde 1000# 30/70 sand	744-747/782-784/917-919
4	626-630/638-641	400gal 15% HCL w/ 58 bbls 2% kcal water, 500bbls water w/ 2% KCL, Blockde 9600# 30/70 sand	626-630/638-641

TUBING RECORD		Size Set At	Packer At	Liner Run
2-3/8"		1074'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enh.		Producing Method		
4/18/06		<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	17mcf	42.2bbls	

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 _____

JUN 29 2006

CONSERVATION DIVISION WICHITA, KS	Well Completion Report	
WELL NAME & #	Kilgore, Gary L. 22-1	REPORT DATE: 3/20/2006

CASING DATA	OD SIZE	ID SIZE	WT.	LENGTH	DEPTH
SURFACE CSG					
PROD. CSG					

TBG DATA	# Jnts	Size	# subs	Size	S/N Depth	MA size & depth
			EOT@			
ROD DATA	# rods	size	# pony rods	Size	Pump Description	

Description of work done	
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3/20/2006: CUDD Wireline: OLRU. Ran a GRN log, perforated.

FORMATIONS PERFORATED:

Riverton: 1046' - 1049' (13 shots)
Rowe/Neutral: 992' - 994' (9 shots)
Both w/4 spf and 60 degree phasing.

CUDD Frac crew: OLRU. Hook onto wellhead w/Frac truck. QCOS Dozer on location to assist with Rig up and Rig down because of the rain and muddy location.

FORMATIONS TREATED:

Riverton: 1046' - 1049'
Rowe/Neutral: 992' - 994'

Loaded 135 ball sealers in the ball machine. Pumped and staged 150 Gals 15% HCL followed by 250 Gals 15% HCL. w/33 scattered ball sealers w/2% KCL, .0001% Biocide. Initial breakdown at 1324 psi. Pressure at wellhead before pumping: 0 psi.

BBLS PUMPED	RATE	PRESSURE	BREAKS - PRESSURE
2 bbls	2.1 bpm	1150 psi	
3 bbls, 150 Gals 15% HCL.	2.2 bpm	1125 psi	1126 psi - 1050 psi
7 bbls, acid gone.	2.2 bpm	1050 psi	
8 bbls	4.1 bpm	1175 psi	1175 psi - 1100 psi
15 bbls	4.1 bpm	1100 psi	
19 bbls	4.1 bpm	1100 psi	
19 bbls, stop pumping, staged acid. ISIP: 844 psi, 2 min: 688 psi.			
20 bbls, max out 2nd gear: 8.7 bpm at 1358 psi, stop pumping, staged acid. ISIP: 852 psi, 2 min: 690 psi.			
21 bbls, max out 2nd gear: 8.9 bpm at 1445 psi, stop pumping, staged acid. ISIP: 866 psi, 2 min: 684 psi.			
22 bbls, maxed out second gear: 8.8 bpm at 1367 psi. ISIP: 880 psi.			
23 bbls, pump 250 Gals 15%.	4.0 bpm	1075 psi	1075 psi - 1025 psi
24 bbls, drop balls.	4.0 bpm	1025 psi	1025 psi - 700 psi
26 bbls	4.0 bpm	700 psi	
29 bbls, acid, balls: gone.	4.0 bpm	675 psi	675 psi - 625 psi
31 bbls	4.0 bpm	625 psi	
34 bbls	4.0 bpm	600 psi	
37 bbls	4.0 bpm	625 psi	

38 bbls	4.0 bpm	725 psi
39 bbls	4.0 bpm	750 psi
40 bbls	4.0 bpm	900 psi
41 bbls	4.0 bpm	1175 psi
42 bbls	4.0 bpm	1300 psi
43 bbls	4.0 bpm	1625 psi
44 bbls, ball off, stop pumping, release balls.		1936 psi

44 Bbls fluid pumped total. 33 ball sealers dropped. Ball off at 1936 psi. ISIP: 1105 psi.

Continued with well treatment after letting ball sealers drop. Started pad with a 2.2 bpm rate and 1025 psi with 2% KCL, .0001% Biocide. Pressure at wellhead before pumping: 588 psi.

BBLS PUMPED	RATE	PRESSURE	30/70CONC TTL SAND	
2 bbls	2.2 bpm	1075 psi		
4 bbls	4.1 bpm	1250 psi		
7 bbls	4.1 bpm	1225 psi		
9 bbls	6.1 bpm	1300 psi		
14 bbls	8.2 bpm	1375 psi		
19 bbls	8.2 bpm	1350 psi		
22 bbls	10.3 bpm	1450 psi		
27 bbls	10.4 bpm	1500 psi		
33 bbls	12.4 bpm	1575 psi		
44 bbls	14.3 bpm	1750 psi		
53 bbls	16.3 bpm	1900 psi		
68 bbls, start sand.	16.4 bpm	1975 psi		
86 bbls	16.4 bpm	1950 psi	.10 #	100 #
93 bbls	16.4 bpm	1975 psi	.20 #	150 #
114 bbls	16.4 bpm	2075 psi	.30 #	350 #
140 bbls	16.4 bpm	2225 psi	.30 #	700 #
150 bbls	16.4 bpm	2175 psi	.40 #	850 #
169 bbls, cut sand.	16.4 bpm	2475 psi	.40 #	1150 #
181 bbls	16.4 bpm	2600 psi		
187 bbls	16.3 bpm	2700 psi		
193 bbls	16.3 bpm	2750 psi		
208 bbls, start sand.	16.3 bpm	2700 psi		
219 bbls	16.3 bpm	2650 psi	.10 #	1200 #
234 bbls	16.3 bpm	2600 psi	.20 #	1275 #
259 bbls	16.3 bpm	2700 psi	.20 #	1500 #
270 bbls, cut sand.	16.3 bpm	3000 psi	.20 #	1600 #
275 bbls	16.3 bpm	3250 psi		
281 bbls	16.2 bpm	3375 psi		
287 bbls	16.0 bpm	3450 psi		
293 bbls	15.5 bpm	3600 psi		
303 bbls	15.5 bpm	3500 psi		
306 bbls	16.3 bpm	3275 psi		
318 bbls, stop pumping, release back to blender.		3275 psi. ISIP: 648 psi. 5 min: 540 psi		
319 bbls	4.0 bpm	950 psi		
322 bbls	8.2 bpm	1375 psi		
325 bbls	8.3 bpm	1475 psi		
331 bbls	12.3 bpm	2025 psi		
335 bbls	12.3 bpm	2075 psi		
345 bbls	16.4 bpm	2600 psi		
352 bbls	16.4 bpm	2675 psi		
362 bbls, start sand.	16.4 bpm	2475 psi		
374 bbls	16.5 bpm	2375 psi	.10 #	1650 #
393 bbls	16.5 bpm	2425 psi	.10 #	1750 #
407 bbls	16.4 bpm	2600 psi	.10 #	1825 #
417 bbls, cut sand.	16.4 bpm	2875 psi	.10 #	1900 #
427 bbls	16.3 bpm	3200 psi		
433 bbls	16.1 bpm	3500 psi		
441 bbls	15.7 bpm	3650 psi		

446 bbls	15.0 bpm	3750 psi
452 bbls	14.9 bpm	3600 psi
463 bbls, end of treatment.		

463 Bbls fluid pumped total. 0 ball sealers dropped. 1,900 pounds 30/70 sand used total.

ISIP:	692 psi
5 min:	686 psi
10 min:	668 psi
15 min:	654 psi

Closed Frac valve, removed Frac iron and hooked onto valve w/lubricator.

FORMATIONS PERFORATED.

Weir:	917' - 919' (9 shots)
Fleming:	782' - 784' (9 shots)
	744' - 747' (13 shots)

All w/4 spf and 60 degree phasing.

Close Frac valve, remove lubricator and place 3 1/4" Frac ball on valve. Hook onto valve w/Frac iron. Opened valve and drop Frac ball. Close valve and performed rate and pressure tests.

FORMATIONS TREATED:

Weir:	917' - 919'
Fleming:	782' - 784'
Croweburg:	744' - 747'

Loaded 100 Ball sealers in the ball machine. Pumped down and seated Frac ball. Pumped and staged 150 Gals 15% HCL followed by 250 Gals 15% HCL and 35 scattered balls w/2% KCL, .0001% Biocide. Initial breakdown at 1691 psi. Pressure at wellhead before pumping: 336 psi.

BBLS PUMPED	RATE	PRESSURE	BREAKS - PRESSURE
1 bbls, pump down Frac ball.	2.0 bpm	425 psi	
2 bbls	2.1 bpm	450 psi	
11 bbls	2.0 bpm	475 psi	
12 bbls, Frac ball seated.	1.9 bpm	1691 psi	1691 psi - 1450 psi
14 bbls, 150 Gals 15% HCL.	2.2 bpm	1450 psi	
17 bbls, acid, gone.	2.2 bpm	1450 psi	
18 bbls	4.1 bpm	1675 psi	1675 psi - 1500 psi
23 bbls	4.2 bpm	1500 psi	
26 bbls	4.2 bpm	1475 psi	
26 bbls, stop pumping, staged acid. ISIP: 538 psi, 2 min: 338 psi.			
27 bbls, max out 2nd gear: 9.0 bpm at 1647 psi, stop pumping, staged acid. ISIP: 473 psi, 2 min: 320 psi.			
28 bbls, max out 2nd gear: 9.1 bpm at 1464 psi, stop pumping, staged acid. ISIP: 468 psi, 2 min: 327 psi.			
29 bbls, maxed out second gear: 9.0 bpm at 1281 psi. ISIP: 487 psi.			
31 bbls, 250 Gals 15% HCL.	4.1 bpm	950 psi	950 psi - 850 psi
32 bbls, drop balls.	4.2 bpm	850 psi	850 psi - 750 psi
33 bbls	4.2 bpm	750 psi	750 psi - 650 psi
37 bbls, acid, balls: gone.	4.2 bpm	650 psi	
40 bbls	4.2 bpm	625 psi	
43 bbls	4.2 bpm	600 psi	
44 bbls	4.2 bpm	625 psi	
45 bbls	4.2 bpm	650 psi	
46 bbls	4.2 bpm	750 psi	
47 bbls	4.2 bpm	1050 psi	
48 bbls	4.2 bpm	1525 psi	1525 psi - 1225 psi
49 bbls	4.2 bpm	1225 psi	
50 bbls, ball off, stop pumping, release balls.		1837 psi	

50 Bbls fluid pumped total. 50 ball sealers dropped. Ball off at 1837 psi. ISIP: 669 psi.

Continued with well treatment after letting ball sealers drop. Started pad with a 2.1 bpm rate and 625 psi with 2%

KCL, .0001% Biocide. Pressure at wellhead before pumping: 449 psi.

BBLS PUMPED	RATE	PRESSURE	30/70CONC TTL SAND	
2 bbls	2.1 bpm	650 psi		
3 bbls	2.1 bpm	625 psi		
4 bbls	4.2 bpm	625 psi		
6 bbls	6.3 bpm	650 psi		
12 bbls	8.2 bpm	675 psi		
22 bbls	10.4 bpm	750 psi		
31 bbls	12.4 bpm	825 psi		
41 bbls	12.4 bpm	800 psi		
44 bbls	14.2 bpm	875 psi		
54 bbls	16.6 bpm	975 psi		
68 bbls, start sand.	16.6 bpm	950 psi		
88 bbls	16.6 bpm	975 psi	.10 #	100 #
91 bbls	16.6 bpm	1000 psi	.20 #	125 #
108 bbls	16.6 bpm	975 psi	.30 #	300 #
124 bbls	16.6 bpm	950 psi	.40 #	525 #
140 bbls	16.6 bpm	925 psi	.50 #	800 #
154 bbls	16.6 bpm	950 psi	.60 #	1100 #
169 bbls	16.6 bpm	925 psi	.70 #	1500 #
186 bbls	16.6 bpm	925 psi	.80 #	2000 #
203 bbls	16.6 bpm	900 psi	.90 #	2600 #
242 bbls, cut sand.	16.6 bpm	900 psi	.90 #	4000 #
245 bbls, blender clean.	16.6 bpm	900 psi		
254 bbls, drop 5 balls.	16.5 bpm	900 psi		
264 bbls, start sand.	16.5 bpm	900 psi		
274 bbls	16.5 bpm	1350 psi	.25 #	4100 #
285 bbls	16.5 bpm	1450 psi	.50 #	4250 #
305 bbls	16.5 bpm	1425 psi	.75 #	4700 #
323 bbls	16.5 bpm	1375 psi	.90 #	5300 #
340 bbls	16.5 bpm	1300 psi	.90 #	6000 #
382 bbls, cut sand.	16.5 bpm	1275 psi	.90 #	7500 #
386 bbls, blender clean.	16.5 bpm	1275 psi		
391 bbls, drop 4 balls.	16.5 bpm	1275 psi		
398 bbls, start sand.	16.5 bpm	1250 psi		
416 bbls	16.5 bpm	1925 psi	.25 #	7700 #
429 bbls	16.4 bpm	1850 psi	.50 #	7550 #
444 bbls	16.4 bpm	1850 psi	.75 #	8200 #
460 bbls	16.4 bpm	1850 psi	.90 #	8700 #
472 bbls	16.4 bpm	1925 psi	.90 #	9200 #
482 bbls	16.4 bpm	1850 psi	.90 #	9600 #
495 bbls, cut sand.	16.4 bpm	1825 psi	.90 #	10000 #
500 bbls, blender clean.	16.4 bpm	1800 psi		
515 bbls	16.4 bpm	1800 psi		
525 bbls	16.4 bpm	1975 psi		
529 bbls	16.4 bpm	2100 psi		
535 bbls	16.4 bpm	2175 psi		
536 bbls, end of treatment.				

536 Bbls fluid pumped total. 9 ball sealers dropped. 10,000 pounds 30/70 sand used total.

ISIP: 475 psi
 5 min: 409 psi
 10 min: 396 psi
 15 min: 385 psi

Closed Frac valve. Removed Frac iron and hooked onto valve w/lubricator.

FORMATIONS PERFORATED.

Mulky: 638' - 641' (13 shots)
 Summit: 626' - 630' (17 shots)

Both w/4 spf and 90 degree phasing.

Close Frac valve, remove lubricator and place 3 3/4" Frac ball on valve. Hook onto valve w/Frac iron. Opened valve and drop Frac ball, close valve and performed rate and pressure tests.

FORMATIONS TREATED:

Mulky: 638' - 641'
Summit: 626' - 630'

Loaded 75 Ball sealers in the ball machine. Pumped down and seated Frac ball. Pumped and staged 150 Gals 15% HCL followed by 250 Gals 15% and 50 scattered balls w/2% KCL, .0001% Biocide. Initial breakdown at 2172 psi. Pressure at wellhead before pumping: 303 psi.

BBLs PUMPED	RATE	PRESSURE	BREAKS - PRESSURE
1 bbls, pump down Frac ball.	2.0 bpm	350 psi	
7 bbls	2.1 bpm	375 psi	
9 bbls, Frac ball seated.	1.6 bpm	2172 psi	2172 psi - 1575 psi
11 bbls, 150 Gals 15% HCL.	2.3 bpm	1575 psi	1575 psi - 1350 psi
12 bbls	2.3 bpm	1350 psi	1350 psi - 1150 psi
14 bbls, acid gone.	2.2 bpm	1150 psi	
15 bbls	4.1 bpm	1450 psi	1450 psi - 1150 psi
17 bbls	4.3 bpm	1150 psi	1150 psi - 1025 psi
19 bbls	4.3 bpm	1025 psi	1025 psi - 950 psi
21 bbls	4.3 bpm	950 psi	
21 bbls, stop pumping, staged acid. ISIP: 470 psi, 2 min: 421 psi.			
22 bbls, max out 2nd gear: 9.4 bpm at 1483 psi, stop pumping, staged acid. ISIP: 467 psi, 2 min: 420 psi.			
23 bbls, max out 2nd gear: 9.0 bpm at 1180 psi, stop pumping, staged acid. ISIP: 454 psi, 2 min: 421 psi.			
24 bbls, maxed out second gear: 8.8 bpm at 908 psi. ISIP: 451 psi.			
26 bbls, pump 250 Gals 15%.	4.1 bpm	650 psi	650 psi - 600 psi
27 bbls, drop balls.	4.2 bpm	600 psi	600 psi - 575 psi
30 bbls	4.2 bpm	575 psi	
32 bbls, acid, balls: gone.	4.2 bpm	550 psi	
38 bbls	4.2 bpm	550 psi	
39 bbls	4.2 bpm	1025 psi	1450 psi - 1250 psi
40 bbls	4.2 bpm	1250 psi	1250 psi - 925 psi
41 bbls	4.2 bpm	925 psi	925 psi - 825 psi
42 bbls	4.2 bpm	825 psi	
42 bbls, ball off, stop pumping, release balls. 3013 psi. ISIP: 2104 psi. 5 min: 438 psi.			
43 bbls	2.0 bpm	550 psi	
44 bbls	4.0 bpm	550 psi	
46 bbls	8.0 bpm	650 psi	
52 bbls	8.1 bpm	625 psi	
57 bbls	8.1 bpm	625 psi. ISIP: 481 psi	
58 bbls, end of treatment.			

58 Bbls fluid pumped total. 50 ball sealers dropped. Ball off at 3013 psi. ISIP: 2104 psi.

Close valve, remove Frac iron from valve and replace w/lubricator. TIH w/wire line and knock balls off of perforations. TOH w/wire line, remove lubricator from valve and hook on with Frac truck. CUDD Perf crew: RDOL. Started pad with a 2.1 bpm rate and 475 psi w/2% KCL, .0001% Biocide. Pressure at wellhead before pumping: 424 psi.

BBLs PUMPED	RATE	PRESSURE	30/70CONC TTL SAND
2 bbls	2.1 bpm	475 psi	
4 bbls	4.0 bpm	525 psi	
8 bbls	6.0 bpm	575 psi	
12 bbls	6.1 bpm	550 psi	
14 bbls	8.1 bpm	600 psi	
21 bbls	10.2 bpm	675 psi	
33 bbls	12.3 bpm	725 psi	
45 bbls	14.3 bpm	775 psi	
50 bbls	14.3 bpm	800 psi	
53 bbls	16.4 bpm	850 psi	
65 bbls, start sand.	16.4 bpm	850 psi	

78 bbls	16.4 bpm	825 psi	.10 #	75 #
81 bbls	16.4 bpm	825 psi	.20 #	100 #
93 bbls	16.4 bpm	800 psi	.30 #	225 #
106 bbls	16.4 bpm	800 psi	.40 #	400 #
118 bbls	16.4 bpm	775 psi	.50 #	650 #
131 bbls	16.4 bpm	775 psi	.60 #	925 #
143 bbls	16.5 bpm	775 psi	.70 #	1250 #
156 bbls	16.5 bpm	750 psi	.80 #	1650 #
168 bbls	16.5 bpm	750 psi	.90 #	2050 #
221 bbls, cut sand.	16.5 bpm	725 psi	.90 #	4000 #
225 bbls, blender clean.	16.5 bpm	725 psi		
232 bbls, drop 6 balls.	16.5 bpm	750 psi		
235 bbls, start sand.	16.5 bpm	725 psi		
246 bbls	16.5 bpm	850 psi	.25 #	4100 #
253 bbls	16.4 bpm	850 psi	.50 #	4200 #
269 bbls	16.4 bpm	850 psi	.75 #	4600 #
282 bbls	16.5 bpm	825 psi	.90 #	5050 #
335 bbls, cut sand.	16.5 bpm	825 psi	.90 #	7000 #
340 bbls, blender clean.	16.5 bpm	825 psi		
347 bbls, drop 8 balls.	16.5 bpm	825 psi		
352 bbls, start sand.	16.5 bpm	800 psi		
367 bbls	16.4 bpm	1025 psi	.25 #	7200 #
372 bbls	16.4 bpm	1000 psi	.50 #	7300 #
383 bbls	16.4 bpm	1000 psi	.75 #	7550 #
398 bbls	16.4 bpm	950 psi	.90 #	8050 #
440 bbls, cut sand.	16.4 bpm	950 psi	.90 #	9600 #
445 bbls, blender clean.	16.4 bpm	950 psi		
459 bbls	16.4 bpm	950 psi		
473 bbls	16.4 bpm	925 psi		
499 bbls	16.4 bpm	925 psi		
500 bbls, end of treatment.				

500 Bbls fluid pumped total. 14 ball sealers dropped. 9,600 pounds 30/70 sand used total.

ISIP: 496 bbls
5 min: 462 psi
10 min: 449 psi
15 min: 439 psi

CUDD Frac crew: Shut in well, RDOL.

Report by J.M.

Air Drilling
Specialist
Oil and Gas Wells



M.O.K.A.T. DRILLING
Office Phone: (620) 879-5377



P.O. Box 590
Caney, KS 67333

Operator QUEST CHEROKEE LLC.		Well No. 22-1	Lessee GARY KILGORE	Loc.	1/4	1/4	1/4	Sec. 22	Twp. 28	Rge. 18		
County NEOSHO		State KS	Type/Well	Depth 1140'	Hours	Date Started 2-27-06	Date Completed 2-28-06					
Job No.	Casing Used 22' 5" 8 5/8"	Bit Record				Coring Record						
Driller JEARLD	Cement Used 4	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller	Rig No.			6 3/4"								
Driller	Hammer No.											

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	8	OVERBURDEN	421	434	LIME	832	833	COAL (TEBO)			
8	16	SAND	434	475	SHALE	833	886	SHALE			
16	18	SANDY SHALE	475	500	SANDY SHALE	886	8867	COAL (WEIR)			
18	21	LIME	500	514	SHALE	887	917	SHALE			
21	23	SANDY SHALE	514	519	LIME	917	919	COAL ?			
23	26	LIME	519	523	SHALE (MULBERRY)	919	941	SHALE			
26	28	BLACK SHALE	523	561	LIME (PAWNEE)	941	942	COAL			
28	100	SHALE	561	562	COAL (LEXINGTON)	942	949	SHALE			
100	102	LIME	562	602	SHALE	949	951	COAL			
102	108	SHALE	602	607	LIME	951	968	SHALE			
108	113	LIME	607	610	BLACK SHALE ?	968	970	COAL (BLUEJACKET)			
113	116	SHALE	610	625	LIME (OSWEGO)	970	973	SHALE			
116	154	LIME	612		GAS TEST (1 1/2# 1/8")	973	975	COAL (ROWE)			
154	156	SHALE	625	634	BLACK SHALE (SUMMIT)	975	987	SHALE			
156	176	LIME	634	637	LIME	987	990	COAL			
176	180	BLACK SHALE	636		GAS TEST (10# 1/8")	990	996	BLACK SHALE			
180	181	COAL	637	640	COAL (MULKEY)	996	1046	SHALE			
181	186	LIME	640	642	SHALE	1014		GAS TEST (SAME)			
186	190	SANDY SHALE	642	645	LIME	1046	1049	COAL			
190	223	SAND	645	650	SHALE	1049	1057	SHALE			
223	248	LIME	662		GAS TEST (SAME)	1057	1059	COAL (RIVERTON)			
248	256	SHALE	650	712	SANDY SHALE	1059	1140	LIME (MISSISSIPPI)			
256	266	LIME	712	716	COAL (BEVEIR)	1064		GAS TEST (SAME)			
266	276	BLACK SHALE	716	782	SHALE	1140		GAS TEST (SAME)			
276	278	COAL	782	783	COAL (FLEMING)						
278	333	LIME	783	790	SHALE			T.D. 1140'			
333	350	BLACK SHALE	790	798	SANDY SHALE						
350	375	GRAY SHALE	798	800	BLACK SHALE / COAL						
375	380	LIMEY SHALE	800	806	SHALE						
380	412	LIME	806	807	COAL (SCAMMON)						
412	421	SHALE	807	832	SANDY SHALE						

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QUEST

Resource Corporation



DATE: 02/28/2006

Data from Driller's Log

MOKAT Drilling Rig #2.

WELL NAME: Kilgore, Gary L.	SECTION: 22	REPORT #:	SPUD DATE: 2/27/2006
WELL #: 22-1	TWP: 28S	DEPTH: 1140	
FIELD: Cherokee Basin	RANGE: 18E	PBTD:	
COUNTY: Neosho	ELEVATION: 1000	FOOTAGE: 2100	FT FROM North
STATE: Kansas	API #: 15-133-26454-00-00	1980	FT FROM West
			LINE
			North
			West
			LINE
			N/2 S/2 SE NW

ACTIVITY DESCRIPTION:

MOKAT Drilling, Gerald Smith drilled to TD 1140 ft. on 02/28/2006.

GAS SHOWS:	Gas Measurement	Zone Footages	Net Gas / Comments
Mulberry Coal	0 mcf/day @	519-523 FT.	
Lexington Shale & Coal	3 mcf/day @	561-562 FT.	3 mcf/day from this area. Gas Test at 612 ft.
Summit Shale & Coal	9 mcf/day @	625-634 FT.	6 mcf/day from this area. Gas Test at 636 ft.
Mulky Shale & Coal	9 mcf/day @	637-642 FT.	GCS. Gas Test at 662 ft.
Bevier Coal	9 mcf/day @	712-716 FT.	
Verdigris Limestone	9 mcf/day @	FT. *	
Croweburg Shale & Coal	9 mcf/day @	FT. *	
Fleming Coal	9 mcf/day @	782-783 FT.	
Weir Coal	9 mcf/day @	886-887 FT.	
Bartlesville Sand	9 mcf/day @	FT. *	
Rowe Coal	9 mcf/day @	973-975 FT.	
Neutral Coal	9 mcf/day @	987-996 FT.	GCS. Gas Test at 1014 ft.
Riverton Coal	9 mcf/day @	1057-1059 FT.	
Mississippi	9 mcf/day @	Top at 1059 FT.	GCS. Gas Test at 1064 ft.

TD: 1140 ft.

*Zone not identifiable from Driller's hand written notes.

Formation Tops and Casing Recommendation made without benefit of viewing open-hole logs first.

Surface Casing @ 22.6 ft.

Surface Casing Size: 8 5/8"

OTHER COMMENTS: Information in this Report was taken directly from the Driller's hand written notes. All depths & orifice checks reflect what the driller recorded during drilling activities. Zones listed below are fyi only.

- Pawnee Limestone 523-561
- Oswego Limestone 602-625
- Mineral Coal 798-800
- Scammon Coal 806-807
- Tebo Coal 832-833
- Stray Coal 917-919
- Stray Coal 941-942
- Stray Coal 949-951
- Bluejacket Coal 968-970
- Drywood Coal 1046-1049

If the Zone above has no footages listed, the Zone was not identifiable from the Driller's hand written notes.

CASING RECOMMENDATIONS: Run casing / Cement to surface

End of Geologic / Drilling Report. Thank You!

On Site Representative: Ken Recoy, Senior Geologist, CPG #4630 (620) 305-9203 Cell. KRecoy@grcp.net

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Resource Corporation

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

TICKET NUMBER 1309

FIELD TICKET REF # _____

FOREMAN Joe

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-11-06	Kilgore GARY 22-1	22	28	18	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe R	1:00	5:15		903388		4.25	<i>Joe R</i>
Tim A	1:00	5:00		903255		4	<i>Tim A</i>
Russell A	1:00	4:00		903103		3	<i>Russell A</i>
David C	1:00	5:00		903296	932452	4	<i>David C</i>
Jeff M	1:00	5:30		903106		4.50	<i>Jeff M</i>
MAVERICK	1:00	4:45		extra		3.45	<i>Maverick</i>

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1140 CASING SIZE & WEIGHT 4 1/2 10.5
 CASING DEPTH 1135.69 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 18.11 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4bpm

REMARKS:

Ran 3 sks prem gel down to surface. Installed cement head Pan 1 sk prem gel & 12 bbl dye & 130 sks of cement to get dye to surface. Flushed pump. Pumped wiper plug to bottom of set float shoe.

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	1135.69	Ft 4 1/2 casing	
	4	Centralizers	
	1	4 1/2 weld on collar	
931310	2 hr	Casing tractor	
930804	2 hr	Casing trailer	
903388	4.25 hr	Foreman Pickup	
903255	4 hr	Cement Pump Truck	
903103	3 hr	Bulk Truck	
1104	120 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement <u>Barrels 3 1/2" x 3"</u>	
1126	1	OWC Blend Cement <u>4 1/2 wiper Plug</u>	
1110	12 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	4 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate <u>Calc chloride</u>	
1123	7000 gal	City Water	
903296	4 hr	Transport Truck	
932452	1 hr	Transport Trailer	
903106	hr	80 Vac	
Ravin 4513	1	4 1/2 Float shoe	