

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  
License: 33072

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Wellsite Geologist: n/a  
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>10/19/04</u>	<u>10/21/04</u>	<u>11/08/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26188-00-00  
County: Neosho  
NE SW Sec. 6 Twp. 29 S. R. 18  East  West  
1980 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: Froelich, Judy M. Well #: 6-1  
Field Name: Cherokee Basin CBM  
Producing Formation: Multiple  
Elevation: Ground: 974 Kelly Bushing: n/a  
Total Depth: 1103 Plug Back Total Depth: 1100  
Amount of Surface Pipe Set and Cemented at 20.7 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1100  
feet depth to surface w/ 135 \_\_\_\_\_ sx cmt.  
ALT II with 8-25-06

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: 4/8/06  
Subscribed and sworn to before me this 8th day of April,  
20 06.  
Notary Public: Jennifer R. Ammann  
Date Commission Expires: July 30, 2009

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

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

Operator Name: Quest Cherokee, LLC Lease Name: Froelich, Judy M. Well #: 6-1  
 Sec. 6 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 See attached Top Datum

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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#	20.7	"A"	4	
Production	6-3/4"	4-1/2	10.5#	1100	"A"	135	

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	624-628/637.5-641	430 bbls water w/2% KCL, Biocide, 16175 20/40 sand	
	898-900/872-874/773-775	400 gal 15% HCL w/32 bbls 2% KCL water, 390 bbls water w/2% KCL, Biocide, 9200 20/40 sand	
	732-735/711-713	31 bbls 2% KCL water, 296 bbls water w/2% KCL, Biocide, 1500 20/40 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	985	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
3/31/05		<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	60.4 mcf	35.5 bbls		

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 \_\_\_\_\_

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

LOCATION Chanute, ks  
 FOREMAN John Mihalcs

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-8-04		Froelich Judy M #8-1	6	295	18E	No

FOREMAN OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRUCK HOURS	EMPLOYEE SIGNATURE
John M	12:15	6:08	No	348	4.75	[Signature]
Wes T	12:15	5:17	No	197	4.75	[Signature]
Simon H	12:15	5:54	No	103	4.75	[Signature]
Tim A	12:15	5:16	No	140	4.75	[Signature]
Rodney A	12:15	5:08	No	106	4.75	[Signature]

J3. TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 1103 CASING SIZE & WEIGHT 4 1/2 / 10.5  
 CASING DEPTH 1100 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.9 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 17.4 DISPLACEMENT PSI 750 MIX PSI 250 RATE \_\_\_\_\_

REMARKS: Circulate with fresh water, Run 2 Gel ahead, Run 12 BBL Dye with 15 Gallons Sodium Silicate, Run Cement until Dye Return, flush pump, pump plug with K.C.L. water. Set float sub.  
Dozer on location to move crews around. - very muddy.  
Very dirty hole, kept losing circulation during cement cycle.  
Major cuttings during wash down, Gel, cement cycles.  
1 Hr 45 min wash time with Gel cycle

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	# 348	Foreman Pickup		
	# 197	Cement Pump Truck		
	# 103	Bulk Truck		
1110	13 sks	Gilsonite		
1107	1 sks	Flo-Seal		
1118	2 sks	Premium Gel		
1215A	1 gal	KCL		
1111B	15 gals	Sodium Silicate		
1123	6,300 gals	City Water 150 BBLs		
	# 140	Transport		
	# 106	80 Vac		
	122 sks w/out additives	Cement 135 sks w/additives		
SALES TAX ESTIMATED TOTAL				

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AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

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**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

HAVE RIG  
 RIG # 3  
 WILL DIG

Rig #:	3			S 6	T 29	R 18	
API #:	15-133-26188-0000			Location NE, SW			
Operator:	Quest Cherokee, LLC			County: Neosho			
Address:	5901 N. Western, Suite 200						
	Oklahoma City, OK 73118			Gas Tests			
Well #:	6-1	Lease Name:	Froehlich, Judy M	Depth	Oz.	Office	flow - MCF
Location:	1980	ft. from (N / S)	Line	285	5"	3/4"	31.6
	1980	ft. from (E / W)	Line	443	2"	1 1/4"	62
Spud Date:	10/19/2004			523	Gas Check Same		
Date Completed:	10/21/2004	TD:	1103	563	3"	1 1/4"	76
Geologist:				603	4"	1 1/4"	87.8
<b>Casing Record</b>	Surface	Production		630	6"	1 1/4"	107
Hole Size	12 1/4"	6 3/4"		643	7"	1 1/4"	116
Casing Size	8 5/8"			723	6"	1 1/4"	107
Weight				743	Gas Check Same		
Setting Depth	20' 7"			783	Gas Check Same		
Cement Type	Portland			843	Gas Check Same		
Sacks	4	W		903	9"	1 1/4"	132
Feet of Casing	20' 7"	C		983	16"	1 1/4"	176
				1043	14"	1 1/4"	164
Rig Time	Work Performed			1063	16"	1 1/4"	176
				1103	Gas Check Same		

**Well Log**

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	Overburden	379	384	shale	578	592	oil show
2	8	clay	384	393	lime	592	598	shale
8	22	sand	393	415	shale	598	619	Oswego lime
22	68	shale	415	421	lime	619	621	shale
68	70	coal	421	430	shale	621	625	Summit blk shale
70	105	shale	430	441	sand	625	628	shale
105	178	lime	436	441	oil odor	628	635	lime
178	181	shale	441	459	shale	635	637	blk shale
181	183	Stark blk shale	459	473	sand	637	638	Mulky coal
181	183	wet	473	495	shale	638	709	shale
183	187	shale	495	501	lime	709	710	coal
187	217	sand	501	502	Mulberry coal	710	730	shale
217	225	shale	502	504	shale	730	731	lime
225	256	lime	504	553	Pink lime	731	732	shale
256	260	Hushpuckney blk shale	553	554	shale	732	734	Croweburg blk shale
260	319	lime	554	556	Lexington blk shale	734	735	coal
319	377	shale	556	578	shale	735	771	shale
377	379	South Mound blk shale	578	592	sand	771	808	shale

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
808	814	sand						
808	814	oil odor						
814	833	shale						
833	834	coal						
834	894	shale						
894	896	Weir coal						
896	971	shale						
971	982	sand						
982	1036	shale						
1036	1040	laminated sand						
1040	1042	coal						
1042	1053	shale						
1053	1059	Mississippi chat						
1059	1103	Mississippi lime						
1103		Total Depth						

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Notes:

04LJ-102104-R3-037-Froehlich, Judy M. 6-1 Quest

*Keep Drilling - We're Willing!!*