

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: 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>12/29/05</u>	<u>12/30/05</u>	<u>1/9/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26408-0000  
County: Neosho  
W2-E2 nw - se Sec. 25 Twp. 28 S. R. 18  East  West  
1980 feet from S N (circle one) Line of Section  
1830 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Heilman, Vern L. Well #: 25-1  
Field Name: Cherokee Basin CBM  
Producing Formation: Multiple  
Elevation: Ground: 912 Kelly Bushing: n/a  
Total Depth: 1030 Plug Back Total Depth: 1020.95  
Amount of Surface Pipe Set and Cemented at 21' 6" Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1020.95  
feet depth to surface w/ 146 sx cmt.  
ALT II WHM F-28-02

**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: Gary Laswell  
Title: Head of Operations Date: 4/8/06  
Subscribed and sworn to before me this 8th day of April,  
2006.  
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  
My Appt. Expires July 30, 2009

Operator Name: Quest Cherokee, LLC Lease Name: Heilman, Vern L. Well #: 25-1  
 Sec. 25 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/Neutron Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name <u>See attached</u> Top Datum  <div style="text-align: center;">                     RECEIVED                      KANSAS CORPORATION COMMISSION                      APR 18 2006                      CONSERVATION DIVISION                      WICHITA, KS                 </div>
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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#	21' 6"	"A"	4	
Production	6-3/4"	4-1/2"	10.5#	1020.95	"A"	146	

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	923-927/826-866/710-712/667-669/614-617/589-591	400gal 15%HCLw/ 31 bbls 2%kcl water, 532bbls water w/ 2% KCL, Biocide, 9400# 20/40 sand	923-927/826-866
4	509-513-497-501	500gal 15%HCLw/ 40 bbls 2%kcl water, 594bbls water w/ 2% KCL, Biocide, 12300# 20/40 sand	710-712/667-669
			614-617/589-591
		400gal 15%HCLw/ 22 bbls 2%kcl water, 550bbls water w/ 2% KCL, Biocide, 103sks 20/40 sand	509-513/497-501

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>991.01</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>1/31/06</u>		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. <u>n/a</u>	Gas Mcf <u>29.7mcf</u>	Water Bbls. <u>113bbls</u>	Gas-Oil Ratio Gravity

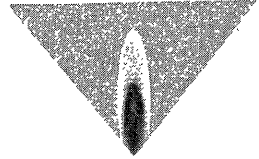
Disposition of Gas  Vented  Sold  Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# QUEST

Resource Corporation



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

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APR 18 2006

CONSERVATION DIVISION  
WICHITA, KS

TICKET NUMBER 1164

FIELD TICKET REF # \_\_\_\_\_

FOREMAN Joe

### TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-9-06	Heilman VERN 25-1	25	28	18	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe . E	7:00	11:45		903388		4.75	Joe Blanchard
Tim . A	6:45	11:45		903255		5	L. Ayler
Maxrick . D	7:00	9:30		903206		2.5	Maxrick
Mike . H	6:45	11:45		extra		6	Mike H
DAVID . C	8:30	11:45		903296	932452	3.25	David C
Leon . H	7:00	11:45		903100		4.75	Leon H
Jerry . H	7:15	11:45		extra		4.5	Jerry H

JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 1030 CASING SIZE & WEIGHT 4 1/2 10.5  
 CASING DEPTH 1020.95 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 16.28 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

Run 2 sks prom gel swept to surface. Installed cement head RAN LSK  
 Prom gel followed by 10 bbl dye + 160 sks of cement to  
 get dye to surface. Flushed pump. Pumped wiper plug to bottom &  
 set float shoe.

{ Hole was very dirty }

	1020.95	FT 4 1/2 casing	
	4	centralizers	
903139	2 hr	casing tractor	
930801	2 hr	casing trailer	
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903388	4.75 hr	Foreman Pickup	
903255	5 hr	Cement Pump Truck	
903206	2.5 hr	Bulk Truck	
1104	146 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement	Frac Baffles 3 1/2" x 3"
1126	1	OWC - Blend Cement	4 1/2 wiper Plug
1110	16 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	3 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate	calc chloride
1123	7000 gal	City Water	
903296	3.25 hr	Transport Truck	
932452	3.25 hr	Transport Trailer	
903100	4.75 hr	80 Vac	
Ravin 4513	1	4 1/2 float shoe	

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CONSERVATION DIVISION  
WICHITA, KS

4230 Douglas Rd. - Thayer, KS 66776  
Contractor License # 33072 - FEIN #  
620-839-5581 Office; 620-432-6170 Jeff's Pocket; 620-839-5582 FAX

HAVE RIG WILL DIG RIG #1

Rig #:	1	Lic # 33344	S 25	T 28S	R 18 E	
API #:	15-133-26408-00-00		Location:	C NW SE		
Operator:	Quest Cherokee, LLC		County:	Neosho		
Address:	9520 North May Avenue - Suite 300		Gas Tests			
	Oklahoma City, OK 73120		Depth	Oz.	Office	flow - MCF
Well #:	25-1	Lease Nan Heilman, Vern L.	105		No Flow	
Location:	1980	ft. from S Line	130		No Flow	
	1830	ft. from E Line	155		No Flow	
Spud Date:	#####		230		No Flow	
Date Completed:	#####		280		No Flow	
		TD: 1030	380		No Flow	
Driller:			405		No Flow	
Casing Record	Surface	Production	480	13	1/2	22.8
Hole Size	12 1/4"	6 3/4"	505	16	3/4	56.8
Casing Size	8 5/8"		530	19	3/4	61.9
Weight			605	Gas Check the Same		
Setting Depth	21'6"		630	Gas Check the Same		
Cement Type	Portland		655	Gas Check the Same		
Sacks	4		680	15	3/4	55.2
Feet of Casing	21'8"		705	13	3/4	51.4
			730	Gas Check the Same		
Rig Time		Work Performed	755	8	3/4	40
Used Booster			830	9	3/4	42.5
			880	Gas Check the Same		
			928	Gas Check the Same		
			955	10	3/4	44.8
			1030	Gas Check the Same		

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	Overburden	148	151	Black shale	282	293	shale
2	15	clay			wet	293	300	lime
15	81	lime	151	152	shale	300	310	shale
81	84	shale	152	170	lime	310	320	sand
84	85'6"	Black shale	155		add water	320	348	shale
85'6"	88	shale	170	175	shale	348	365	Weiser sand
88	90	coal	175	206	lime	365	385	shale
90	94	Black shale	206	209	shale	385	389	lime
94	95	shale	209	211	Black shale	389	391	Mulberry coal
95	117	lime	211	222	shale	391	393	shale
117	119	shale	222	230	sandy shale	393	432	Pink lime
119	120	coal	230	260	shale	432	472	shale
120	131	shale	260	263	Black shale	472	473	Lexington coal

131	145	lime	263	265	shale	473	476	shale
145	148	shale	265	282	Altamont lime	476	496	Oswego lime
Operator: Quest Cherokee, LLC		Lease Name: Heilman, Vern Well #		25-1		page 2		
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
496	498	Summit Black shale			oil show			
498	500	shale	703	712	shale			
500	511	lime	712	713'6"	Blue Jacket coal			
		oil odor	713'6"	745	shale			
511	512	shale	745	746	coal			
512	514	Mulky Black s	746	750	shale			
514	515	coal	750	758	sand			
515	520	shale	758	759	coal			
520	553	Squirrel sand	759	775	shale			
553	594	shale	775	815	Tucker sand			
594	595	Bevier coal	815	816	coal			
595	611	shale	816	847	shale			
611	612	Ardmore lime	847	861	sand			
612	615	shale	861	862'6"	Rowe coal			
615	616	Crowburg coa	862'6"	868	shale			
616	653	shale	868	870	Neutral coal			
653	654	Flemming coa	870	885	shale			
654	669	shale	885	893	sand			
669	671	Mineral coal	893	924	shale			
671	676	shale	924	926'6"	Riverton coal			
676	677	Scammon co	926'6"	940	shale			
677	688	shale	940	1030	Mississippi lime			
688	695	sand	1030		Total Depth			
		oil odor						
695	696	Weir coal						
696	703	Bartlesville sand						

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CONSERVATION DIVISION  
WICHITA, KS

Notes:

05LL-123005-R1-030-Heilman, Vern L.-25-1-Quest

*Keep Drilling - We're Willing!*