

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 RECEIVED  
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. \_\_\_\_\_

9/01/04	9/02/04	9/14/04
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15. 133-26148-00-00  
County: Neosho  
Sec. 34 Twp. 30 S. R. 18  East  West  
S2 N2 NE SE  
2130 feet from S (circle one) Line of Section  
660 feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Heit, Patrick C. Well #: 34-1  
Field Name: Cherokee Basin CBM

Producing Formation: Summit/Mulky/Bevier/Crowberg/Fleming/Neutral/Rowe/Riverton  
Elevation: Ground: 954 Kelly Bushing: n/a  
Total Depth: 1035 Plug Back Total Depth: 1031  
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 1031  
feet depth to Surface w/ 132 \_\_\_\_\_ sx cmt.  
ALT II WITH 8-24-06

**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: 4/17/06  
Subscribed and sworn to before me this 17th 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 AMMANN**  
Notary Public - State of Kansas  
My Appt. Expires July 30, 2009

✓

Operator Name: Quest Cherokee, LLC Lease Name: Heit, Patrick C. Well #: 34-1  
 Sec. 34 Twp. 30 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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CONSERVATION DIVISION  
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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#	1031'	"A"	132	

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	537-541/536-542/551-555/550-555/632-634/650-653/	414 bbls H2O, 20# HEC, 2% KCL, Max flo, Biocide, 15100# 20/40 brady sand	537-541/551-555
	690-692/924-926/978-982	502 bbls H2O, 2% KCL, Biocide, Max flo 85 sks 20/40 sand	690-692/650-653/
			632-634
		355 bbls H2O, 2% KCL, Biocide, Max flo, 70 sks 20/40 frac sand	550-555/536-542
		470 bbls H2O, 2% KCL, Biocide, Max flo, 87 sks sand	978-982/924-926

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1009.75'	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
11/30/04	<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	6.2 mcf	21 bbls		

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

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify)

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

TICKET NUMBER 1605  
 LOCATION Chanute  
 FOREMAN Tedd A. Tindle

**TREATMENT REPORT & FIELD TICKET  
 CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-14-04	6628	Heit #34-1	34	305	18E	No
CUSTOMER <i>Quest Cherokee LLC</i>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <i>P.O. Box 100</i>			<i>197</i>	<i>Joe</i>		
CITY <i>Benedict</i>			<i>206</i>	<i>Wes</i>		
STATE <i>Kansas</i>			<i>140</i>	<i>Tim</i>		
ZIP CODE <i>66714</i>						

JOB TYPE Long-string HOLE SIZE 6 3/4 HOLE DEPTH 1036' CASING SIZE & WEIGHT 4 1/2-10.5  
 CASING DEPTH 1031' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.9 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING Ø  
 DISPLACEMENT 16.3 DISPLACEMENT PSI 400 MIX PSI 250 RATE \_\_\_\_\_

REMARKS: Circulate w/ fresh H<sub>2</sub>O; 1 gel ahead; run 8 bbl dye w/ 15 gal sodium silicate  
Cement until dye return; flush pump; pump plug w/ KCl water; Set float shoe  
Wash 7 joints of casing

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(OWC; 5# gilsonite; 1/4# flo-seal)

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1-well	PUMP CHARGE Cement pump		639.50
5407	33 mi	MILEAGE minimum		225.00
1110	13 SK	gilsonite		264.55
1107	1 1/2 SK	flo-seal		60.00
1118	1 SK	Premium gel (ahead)		1240
1215A	1 gal	KCl		2310
1111B	15 gal	Sodium silicate		15750
1123	6300 gal	city water (150 bbl)		7245
5501C	2 1/2 hr	Transport		210.00
1126	1255 SK	OWC Cement (132 SK total)		1481.25
			SALES TAX	129.03
			ESTIMATED TOTAL	3274.78

192735

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

**Well Refined Drilling Company, Inc.**

4270 Gray Road - Thayer, KS 66776

Contractor License # 33072 - FEIN #

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

Rig #:	3	S 34	T 30	R 18
API #:	15-133-26148-0000	Location NE, SE		
Operator:	Quest Cherokee, LLC	County: Neosho		



Address: PO Box 100 Benedict, KS 66714		Gas Tests		
Well #:	34-1	Lease Name:	Heit, Patrick C	Depth
Location:	2130 ft. from (N / S) Line			485
	660 ft. from (E / W) Line			545
Spud Date:	9/1/2004			565
Date Completed:	9/2/2004	TD:	1035	645
Geologist:				665
Casing Record	Surface	Production		765
Hole Size	12 1/4"	6 3/4"		825
Casing Size	8 5/8"			978
Weight				985
Setting Depth	21' 6"			
Cement Type	Portland			
Sacks	4 W			
Feet of Casing	21' 6" T			
Rig Time	Work Performed			

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**Well Log**

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	Overburden	210	217	black shale	540	542	shale
2	19	clay	217	232	shale	542	546	lime
19	33	shale	232	233	coal	546	550	Mulky black shale
33	59	lime	233	283	shale	550	551	coal
59	61	black shale	283	329	lime	551	553	lime
61	65	lime	329	444	shale	553	566	sand
65	69	shale	444	445	coal	553	566	oil odor
69	79	sand	445	448	shale	566	629	shale
79	80	coal	448	472	Pink lime	629	631	coal
80	107	shale	472	474	black shale	631	644	shale
107	135	lime	474	476	shale	644	645	lime
135	164	shale	476	479	Lexington black shale	645	647	black shale
164	167	lime	479	487	shale	647	648	coal
167	171	shale	487	488	coal	648	660	shale
171	190	sand	488	512	shale	660	661	coal
190	200	shale	512	534	lime	661	701	shale
200	206	lime	534	536	shale	701	702	coal
206	210	shale	536	540	Summit black shale	702	754	shale

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
754	756	black shale						
756	757	coal						
757	805	shale						
805	806	coal						
806	918	shale						
918	920	coal						
920	924	shale						
924	926	coal						
926	949	shale						
949	962	laminated sand						
962	970	shale						
970	975	laminated sand						
975	977	coal						
977	980	shale						
980	986	Mississippi chat						
986	1035	Mississippi lime						
1035		Total Depth						

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Notes:

04LI-090204-R3-016-Heit, Patrick C 34-1- Quest

*Keep Drilling - We're Willing!!*