

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

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KANSAS CORPORATION COMMISSION  
Form ACO-1  
September 1999  
Form Must Be Typed

OCT 31 2006

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE CONSERVATION DIVISION  
WICHITA, KS

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 R. Ammann  
Phone: (620) 431-9500  
Contractor: Name: MOKAT  
License: 5831

Wellsite Geologist: Ken Recoy  
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>6/30/06</u>	<u>7/3/06</u>	<u>7/17/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-23896 -00-60  
County: Labette  
\_\_\_\_\_ - sw - sw Sec. 20 Twp. 31 S. R. 18  East  West  
660 feet from S N (circle one) Line of Section  
760 feet from E / W (circle one) Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Phillips, Dale R. Well #: 20-4  
Field Name: Cherokee Basin CBM  
Producing Formation: Multiple  
Elevation: Ground: 900 Kelly Bushing: n/a  
Total Depth: 1038 Plug Back Total Depth: 1034.30  
Amount of Surface Pipe Set and Cemented at 22' 6" Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1034.30  
feet depth to surface w/ 111 sx cmt.

**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.: \_\_\_\_\_

Alt 2 - Dg - 12/4/08

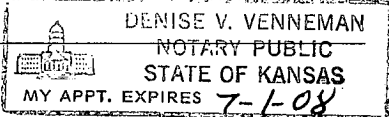
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: 10/30/06

Subscribed and sworn to before me this 30th day of Oct,  
2006.

Notary Public: Denise V. Venneman  
Date Commission Expires: 7-1-08



**KCC Office Use ONLY**

N Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Quest Cherokee, LLC Lease Name: Phillips, Dale R. Well #: 20-4  
 Sec. 20 Twp. 31 S. R. 18  East  West County: Labette

**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>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample
Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name <input type="checkbox"/> Top <input type="checkbox"/> Datum See attached
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:

**Dual Induction Log**  
**Compensated Density/Neutron Log**  
**Gamma Ray Neutron Log**

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' 6"	"A"	4	
Production	6-3/4	4-1/2	10.5#	1034.30	"A"	111	

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	886-888/880-882	200gal 15%HCLw/ 23bbls 2%kcl water, 345bbls water w/ 2% KCL, Biocide, 6000# 30/50 sand	886-888/880-882
4	646-648/603-606/618-620/580-582	300gal 15%HCLw/ 32bbls 2%kcl water, 551bbls water w/ 2% KCL, Biocide, 13200# 30/50 sand	646-648/603-606 618-620/580-582
4	542-547/513-517	300gal 15%HCLw/ 31bbls 2%kcl water, 599bbls water w/ 2% KCL, Biocide, 13700# 30/50 sand	542-547/513-517

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
waiting on pipeline				

Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i>
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other <i>(Specify)</i>	

# QUEST

Resource Corporation

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

TICKET NUMBER **1690**

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

FOREMAN Prairie Gooden

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
July 17, 2006	Phillips, Porter D. 50-9	20	31	18	Labette

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Craig B.	11:00	12:45		9031107		1.75	<i>Craig B.</i>
<del>Frank A.</del>		12:45		903255		1.75	<i>Frank A.</i>
<del>Robert D.</del>		4:20		903230		5.50	<i>Robert D.</i>
Charles M.		12:45		903411	932170	1.75	<i>Charles M.</i>
Larry M.		12:45		931615		1.75	
Curtis A.		4:15		5-419		5.25	<i>Curtis A.</i>

JOB TYPE log cleaning HOLE SIZE 6 3/4 HOLE DEPTH 1038 CASING SIZE & WEIGHT 4 1/2 x 10.5  
 CASING DEPTH 1034.3 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 11.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 16.49 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4.0 gpm

REMARKS:

Installed cement head, pumped 2 sacks of gel, 10 bags and 111 sacks of cement to get dye to surface. Flushed pump, pumped wiper plug to bottom; set float shoe.

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1034.30	FT 4 1/2 casing
5	centralizers
921300	2 hr casing truck
952900	2 hr casing trailer
1	4 1/2 casing clamp

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	1.75 hr	Foreman Pickup	
903255	1.75 hr	Cement Pump Truck	
903230	5.50 hr	Bulk Truck	
1104	101 sk	Portland Cement	
1124	2	50/50-POZ Blend Cement <u>Bo P/105 3'6 x 2</u>	
1126	1	OWC - Blend Cement <u>4 1/2 wiper plug</u>	
1110	10 sk	Gilsonite	
1107	1 sk	Flo-Seal	
1118	2 sk	Premium Gel	
1215A	1 gal	KCL	
1111B	2	Sodium Silicate <u>Calcibond</u>	
1123	7000 gals	City Water	
903	1.75 hr	Transport Truck	
925	1.75 hr	Transport Trailer	
931615	1.75 hr	80 Vac	
Ravin 4513	1	4 1/2 float shoe	

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	Well No.	20-4	Lease	PHILLIPS	Loc.	1/4	1/4	1/4	Sec.	20	Twp.	31	Rge.	18
		County	LABETTE	State	KS	Type/Well		Depth	1038'	Hours		Date Started	6/30/06	Date Completed	7/03/06
Job No.		Casing Used	22'6" 8 5/8"		Bit Record				Coring Record						
Driller	HUNEYCUTT	Cement Used	4		Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller		Rig No.	2				6 3/4"								
Driller		Hammer No.													

**Formation Record**

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	8	OVERBURDEN	511	512	COAL						
8	18	SANDY SHALE	512	521	SHALE						
18	21	LIME	521	526	LIME						
21	29	SHALE	526	532	SANDY SHALE						
29	110	LIME	532	538	LIME						
110	212	SHALE/ SAND	538	546	SANDY SHALE						
212	226	LIME	546	547	COAL						
226	250	SANDY SHALE	547	579	SHALE						
250	262	LIME	579	580	COAL						
262	266	SHALE	580	585	SHALE						
266	267	COAL	585	586	COAL						
267	281	LIME	586	604	SHALE						
281	290	SHALE	604	605	COAL						
290	292	COAL	605	607	LIME						
292	296	SHALE	607	616	SAND						
296	316	SAND (WET)	611		GAS TEST (NO GAS)						
316	390	SHALE	616	642	SHALE						
390	391	COAL	642	643	COAL						
391	415	LIME	643	884	SHALE / SAND						
415	416	COAL	884	885	COAL						
416	421	SHALE	885	951	SHALE / SAND						
421	427	LIME	951	952	COAL						
427	431	SAND	952	955	SHALE						
431	460	SANDY SHALE	955	1038	LIME (MISSISSIPPI)						
460	481	SHALE	963		GAS TEST (LIGHT BLOW)						
481	483	LIME									
483	484	COAL			T.D. 1038'						
484	491	LIME (OSWEGO)									
491	492	COAL									
492	511	LIME									
511		GAS TEST (NO GAS)									

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