

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

1/23/10

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: TXD  
License: 33837  
Wellsite Geologist: Ken Recco

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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. \_\_\_\_\_

10-19-07    10/25/07    10/25/07  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-133-27235-0000  
County: Neosho  
S/2 - SW - NE Sec. 31 Twp. 28 S. R. 19  East  West  
2250 feet from S (N) (circle one) Line of Section  
2000 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 #: 31-6  
Field Name: Cherokee Basin CBM  
Producing Formation: multiple  
Elevation: Ground: 945 Kelly Bushing: n/a  
Total Depth: 1056 Plug Back Total Depth: 1031  
Amount of Surface Pipe Set and Cemented at 21.5 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/ 150 sx cmt.

**Drilling Fluid Management Plan** ATTN: 460T  
(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. JAN 3 2008  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_  
CONSERVATION DIVISION  
WICHITA, KS

**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: 1/23/08  
Subscribed and sworn to before me this 23<sup>rd</sup> day of January  
20 08.  
Notary Public: Terra Klauman  
Date Commission Expires: 8-4-2010

**TERRA KLAUMAN**  
Notary Public - State of Kansas  
My Appt. Expires 8-4-2010

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

Operator Name: **Quest Clearance, LLC** Lease Name: **Heilman, Vern L.** Well #: **31-6**  
 Sec. 31 Twp. 28 S. R. 19  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)

Log Formation (Top), Depth and Datum  Sample  
 Name See attached Top Datum

List All E. Logs Run:

**Compensated Density Neutron Log  
 Dual Induction 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"	22	21.5	"A"	5	
Production	6-3/4	4-1/2	10.5	1031	"A"	150	

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	921-924/867-869/862-864	500gal 15%HCLw/ 54 bbbls 2%kcl water, 632bbbls water w/ 2% KCL, Blockde, 6300# 20/40 sand	921-924/867-869 862-864
4	653-655/613-616/589-591	400gal 15%HCLw/ 54 bbbls 2%kcl water, 529bbbls water w/ 2% KCL, Blockde, 3100# 20/40 sand	653-655/613-616 589-591
4	505-509/493-497	300gal 15%HCLw/ 48 bbbls 2%kcl water, 686bbbls water w/ 2% KCL, Blockde, 5800# 20/40 sand	505-509/493-497

TUBING RECORD Size **2-3/8"** Set At **1006** Packer At **n/a** Liner Run  Yes  No

Date of First, Resumerd Production, SWD or Enhr. **1-10-08** Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours Oil **n/a** Bbls. Gas **0.0mcf** Mcf Water **30.1bbls** Bbls. Gas-Oil Ratio Gravity

Disposition of Gas **METHOD OF COMPLETION** Production Interval  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, Submit ACO-18.)  Other (Specify)

**TXD SERVICES**

**DRILLERS LOG**

**TXD SERVICES**

<b>RIG #</b>	101	<b>S.</b>	31	<b>T.</b>	28	<b>R.</b>	19	<b>GAS TESTS:</b>			
<b>API #</b>	133-27235	<b>County:</b>	Neosho			343'	14 - 1/2"	23.7			
<b>Elev.:</b>	945'	<b>Location:</b>	Kansas			405'	17 - 1/2"	25.8			
<b>Operator:</b>	Quest Cherokee LLC					436'	10 - 1/2"	19.9			
<b>Address</b>	9520 N. May Ave., Suite 300					498'	10 - 1/2"	19.9			
	Oklahoma City, OK. 73120					529'	7 - 1"	68.3			
<b>WELL #</b>	31-6	<b>Lease Name:</b>	Heilman, Vern L.			591'	7 - 1"	68.3			
<b>Footage location</b>	2250 ft. from the		N	line	684'	10 - 1"	81.0				
	2000 ft. from the		E	line	715'	12 - 1"	89.8				
<b>Drilling Contractor:</b>	TXD SERVICES LP					777'	7 - 1"	68.3			
<b>Spud Date:</b>	NA					808'	7 - 1"	68.3			
<b>Date Comp:</b>	10-24-07					870'	5 - 1"	57.7			
<b>Exact Spot Location</b>	S/2 SW NE					901'	5 - 1"	57.7			
<b>Casing Record</b>						<b>Rig Time</b>	932'	5 - 1"	57.7		
	<b>Surface</b>	<b>Production</b>				963'	14 - 1"	97.3			
<b>Size Hole</b>	12-1/4"	6-3/4"									
<b>Size Casing</b>	8-5/8"	4-1/2"									
<b>Weight</b>	24#	10-1/2#									
<b>Setting Depth</b>	22'										
<b>Type Cement</b>											
<b>Sacks</b>											

**WELL LOG**

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
Top soil	0	2	shale	376	380	sand	783	789
lime	2	75	lime	380	385	shale	789	798
coal	75	76	coal	385	386	b.shale	798	800
lime	78	87	lime	386	430	shale	800	854
shale	87	90	coal	430	431	sand	854	860
coal	90	91	shale	431	469	shale	860	867
lime	91	119	sand	469	473	coal	867	868
shale	119	142	lime	473	509	shale	868	912
lime	142	159	b.shale	509	511	b.shale	912	914
shale	159	209	coal	511	512	shale	914	922
b.shale	209	211	lime	512	532	coal	922	923
shale	211	217	sand	532	544	shale	923	929
lime	217	278	shale	544	581	coal	929	930
shale	278	297	b.shale	581	583	shale	930	943
lime	297	302	shale	583	616	mississippi	943	1056
sand	302	308	coal	616	619			
shale	308	327	shale	619	656			
b.shale	327	329	coal	656	657			
shale	329	337	sand	657	695			
sand	337	358	shale	695	757			
shale	358	364	b.shale	757	758			
sand	364	376	shale	758	783			

Comments: 719' injected water

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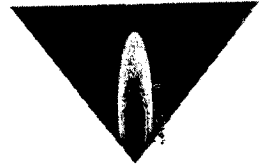
JAN 31 2008

CONSERVATION DIVISION  
 WICHITA, KS

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# QUEST

Resource Corporation



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

TICKET NUMBER 2546

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

FOREMAN Joe

624740

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-27-07	Heilmann Vern 31-6	31	28	19	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	10:00	4:30		902427		6.5	Joe Blanche
MAVERICK	↓	3:00		903197		5	120
Tyler	↓	4:30		903600		6.5	
TIM	↓	2:00		903140	932452	4	Tim
Daniel	↓	3:00 PM		931420		5	Daniel

JOB TYPE LOSS CIRCULATION HOLE SIZE 6 3/4 HOLE DEPTH 1054 CASING SIZE & WEIGHT 4 1/2 10.5  
 CASING DEPTH 1031.57 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.2 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 16.45 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

INSTALLED cement head RAW 2 SKS gal & 10 bbl dye & 1 SK gal & 150 SKS of cement to get dye to surface. flush pump. Pump wiper plug to bottom & set float level

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1031.57	Ft 4 1/2 Casing
6	Centralizers
1	4 1/2 Float shoe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
902427	6.5 hr	Foreman Pickup	
903197	5 hr	Cement Pump Truck	
903600	6.5 hr	Bulk Truck	
1104	150 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement	Baffles 3 1/2 # 3
1126	1	OWO Blend Cement	
1110	30 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	6 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate	Calcchloride
1123	7000 gal	City Water	
903140	4 hr	Transport Truck	
932452	4 hr	Transport Trailer	
931420	5 hr	80 Vac	

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