

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: Jennifer R. Ammann  
 Phone: (620) 431-9500  
 Contractor: Name: TXD Services LP  
 License: 33837  
 Wellsite Geologist: Ken Recoy  
 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. \_\_\_\_\_  

<u>11/17/06</u>	<u>11/19/06</u>	<u>11/20/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-27016 - 00-00  
 County: Wilson  
 \_\_\_\_\_ se \_\_\_\_\_ se Sec. 31 Twp. 27 S. R. 16  East  West  
660 feet from (S) N (circle one) Line of Section  
660 feet from (E) W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE (SE) NW SW  
 Lease Name: Harvey, Leonard Well #: 31-1  
 Field Name: Cherokee Basin CBM  
 Producing Formation: Multiple  
 Elevation: Ground: 907 Kelly Bushing: n/a  
 Total Depth: 1249 Plug Back Total Depth: 1230.48  
 Amount of Surface Pipe Set and Cemented at 21 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1230.48  
 feet depth to surface w/ 164 sx cmt.

Drilling Fluid Management Plan Alt #2 6/19/07  
(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: Jennifer R. Ammann  
 Title: New Well Development Coordinator Date: 3/19/07  
 Subscribed and sworn to before me this 19<sup>th</sup> day of March,  
 20 07.  
 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

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

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 MAR 20 2007

CONSERVATION DIVISION  
 WICHITA, KS

ORIGINAL

Operator Name: Quest Cherokee, LLC Lease Name: Harvey, Leonard Well #: 31-1  
 Sec. 31 Twp. 27 S. R. 16  East  West County: Wilson

**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 Top Datum  
 See attached

List All E. Logs Run:

Compensated Density/Neutron Log  
 Dual Induction 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	21	"A"	5	
Production	6-3/4	4-1/2	10.5	1230.48	"A"	164	

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	951-953/938-940/885-888/868-870	400gal 15%HCL w/ 36 bbbs 2%kcl water, 766bbbs water w/ 2% KCL, Blockde, 12000# 30/70 sand	951-953/938-940 885-888/868-870
4	794-798/783-787	300gal 15%HCL w/ 37 bbbs 2%kcl water, 591bbbs water w/ 2% KCL, Blockde, 12000# 30/70 sand	794-798/783-787

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	936.4	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
1/31/07			<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 Bbbs.	Gas Mcf	Water Bbbs.	Gas-Oil Ratio	Gravity
	n/a	79.9mcf	44.9bbbs		

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) \_\_\_\_\_

TXD SERVICES LP

DRILLERS LOG

TXD SERVICES LP

RIG #	101	S. 31	T. 27	R. 16	TESTS		
API #	205-27016	County:	Wilson		408'	6 - 1/4"	4.12
	Elev: 907'	Location	Kansas		720'	3 - 1/4"	2.92
					752'	3 - 1/4"	2.92
Operator:	Quest Cherokee, LLC				783'	18 - 3/4"	60.2
Address:	9520 N. May Ave, Suite 300				815'	23 - 3/4"	66.6
	Oklahoma City, OK. 73120				877'	26 - 1 1/4"	224
Well #	31-1	Lease Name	Harvey, Leppard		903'	20 - 1 1/4"	196
Footage Location	660 ft from the		S	Line	940'	20 - 1 1/4"	196
	660 ft from the		E	Line	970'	20 - 1 1/4"	196
Drilling Contractor:	TXD SERVICES LP				1001'	8 - 1 1/4"	124
Spud Date:	11/15/2006	Geologist:			1157'	31 - 1 1/4"	245
Date Comp:	11/19/2006	Total Depth:	1249'		1249'	31 - 1 1/4"	245
Exact spot Location:	SE SE						
Casing Report					Log Time		
	Surface	Production					
Size Hole	12-1/4"	6-3/4"					
Size Casing	8-5/8"	4-1/2"					
Weight	24#						
Setting Depth	21.0'						
Type Cement	portland						
Sacks							

Well Log								
Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	8	lime	406	437	shale	708	714
shale	8	92	shale	437	443	coal	714	716
lime	92	111	lime	443	496	shale	716	719
shale	111	121	shale	496	510	lime	719	736
lime	121	134	b.shale	510	515	coal	736	737
shale	134	150	shale	515	527	lime	737	745
lime	150	226	b.shale	527	529	coal	745	747
shale	226	236	shale	529	541	lime	747	749
coal	236	237	lime	541	551	shale	749	754
shale	237	240	shale	551	580	shale	754	763
sand	240	254	coal	580	581	coal	763	765
shale	254	259	shale	581	589	shale	765	769
coal	259	260	lime	589	600	lime	769	780
shale	260	280	shale	600	606	shale	780	787
lime	280	307	lime	606	628	sand	787	791
shale	307	318	sand	628	649	shale	791	796
lime	318	362	coal	649	651	coal	796	797
shale	362	368	shale	651	658	shale	797	927
lime	368	370	coal	658	661	coal	927	928
shale	370	382	shale	661	687	shale	928	955
lime	382	400	lime	687	689	coal	955	956
shale	400	404	shale	689	707	shale	956	989
b.shale	404	406	coal	707	708	coal	989	990

REMARKS: 437-443' added water

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MAR 20 2007

CONSERVATION DIVISION  
WICHITA, KS



# QUEST

Resource Corporation

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

TICKET NUMBER **1923**

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

FOREMAN Joe/Craig

619060

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER		SECTION	TOWNSHIP	RANGE	COUNTY	
11-20-06	Harvey Leonard 31-1		31	27	16	WL	
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe B	11:30	5:00		903427		5.5	Joe B
Craig C		2:15			2.75	Craig C	
West T		4:00		903197		3.5	West T
Russell A		3:30		903206		3	Russell A
Paul H		3:30		903142	932452	3	Paul H
TROY W		5:00		931420		5.5	TROY W

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1249 CASING SIZE & WEIGHT 4 1/2 10.5  
 CASING DEPTH 1230.48 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 19.62 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

INSTALLED cement head RAN 2 SK gel & 12 bbl dye & 164 SKS cement to get dye to surface. Flush pump pump wiper plug to bottom of set float shoe.

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WICHITA, KS

	1230.48	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
903427	5.5 hr	Foreman Pickup	
903197	3.5 hr	Cement Pump Truck	
903206	3 hr	Bulk Truck	
1104	155 SK	Portland Cement	
1124	1	50/50 POZ Blend Cement Baffle 3"	
1126	1	OWC - Blend Cement 4 1/2 wiper plug	
1110	16 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	2 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	0 SK	Sodium Silicate Colchloride <u>out of stock</u>	
1123	7000 gal	City Water	
903142	3 hr	Transport Truck	
932452	3 hr	Transport Trailer	
931420	5.5 hr	80 Vac	