CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL
5/07/10

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. Smith
Phone: (620) 431-9500
Contractor: Name: TXD
License: 33837
Wellsite Geologist: Ken Recoy

CONFIDENTIAL
MAY 07 2008
KCC

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.

1-10-08	1-17-08	1-17-08
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-205-27386-0000
County: Wilson
__ - __ - __ - __ Sec. 2 Twp. 30 S. R. 16 ☑ East ☐ West
1980 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: Head, John A. Well #: 2-2
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 870 Kelly Bushing: n/a
Total Depth: 1199 Plug Back Total Depth: 1169
Amount of Surface Pipe Set and Cemented at 20.5 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set ____ Feet
If Alternate II completion, cement circulated from 1169
feet depth to surface w/ 175 sx cmt.

Drilling Fluid Management Plan AH II NJ 7-13-09
(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. Smith
Title: New Well Development Coordinator Date: 5/07/08
Subscribed and sworn to before me this 7th day of May, 20 08.
Notary Public: Denise V. Venneman
Date Commission Expires: 7-1-08

DENISE V. VENNEMAN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 7-1-08

KCC Office Use ONLY
Y Letter of Confidentiality Received
If Denied, Yes ☐ Date:
✓ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 08 2008
CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: Quest Cherokee, LLC Lease Name: Head, John A. Well #: 2-2

Sec. 2 Twp. 30 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)

List All E. Logs Run:

Compensated Density Neutron Log
Dual Induction Log

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

See attached

CASING RECORD ☐ New ☐ 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	20.5	"A"	5	
Production	7 7/8	5-1/2	14.5	1169	"A"	175	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	789-791/776-778/740-742/721-723	400gal 15%HCLw/ 57bbls 2%kcl water, 566bbls water w/ 2% KCL, Biocide, 3600# 20/40 sand	789-791/776-778
			740-742/721-723
4	670-674/654-658	400gal 15%HCLw/ 51bbls 2%kcl water, 656bbls water w/ 2% KCL, Biocide, 5400# 20/40 sand	670-674/654-658

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	831	n/a	☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
3-27-08	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	11 mcf	23 bbls		

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☑ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other *(Specify)* _____

QUEST
Resource Corporation

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

cont'd 5/8/08 kcc

TICKET NUMBER 4339
FIELD TICKET REF # _____
FOREMAN Joe

607550

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-17-8	Head John A-2-2	2	30	16	WL

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	12:00	5:45		901940		5.75	Joe B. Blanton
Tim		5:15		903255		5.25	Tim Ayd
Tyler		5:45		903600		5.75	
MAVERICK	3:00	5:45		931385	932452	2.75	
DANIEL	↓	6:15		931420		6.25	

JOB TYPE Longstring HOLE SIZE 7 7/8 HOLE DEPTH 1183 CASING SIZE & WEIGHT 5 1/2 16#
CASING DEPTH 1169.48 DRILL PIPE CONFIDENTIAL TUBING OTHER
SLURRY WEIGHT 13.5 SLURRY VOL MAY 07 2008 WATER gal/sk CEMENT LEFT in CASING 0
DISPLACEMENT 27.84 DISPLACEMENT PSI MIX PSI KCC RATE 4bpm

REMARKS:
Installed cement head RAN 2 SKS gel & 16 bbl dye w/ 1 SK gel & 175 SKS of cement cmt due to surface. flush pump. Pump wiper plug to bottom & set float shoe.

	1169.48	Ft 5 1/2 Casing
	6	5 1/2 Centralizers
	1	5 1/2 Floatshoe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
901940	5.75 hr	Foreman Pickup	
903255	5.25 hr	Cement Pump Truck	
903600	5.75 hr	Bulk Truck	
1104	150 SK	Portland Cement	
1124		50/50 POZ Blend Cement	
1126	1	~~OWC - Blend Cement~~ 5 1/2 Wiperplug	
1110	40 SK	Gilsonite	
1107	2 SK	Flo-Seal	
1118	16 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	4 SK	~~Sodium Silicate~~ Calchloride	
1123	7000 gal	City Water	
931385	2.75 hr	Transport Truck	
932452	2.75 hr	Transport Trailer	
931420	6.25 hr	80 Vac	

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 08 2008
CONSERVATION DIVISION
WICHITA, KS

Ravin 4513

QUEST
Resource Corporation

DATE: 1/17/08

Geology Brief - Data taken from Driller's Log & Compensated Density Log — **TXD Drilling**

WELL NAME:	Head, John A.	**SECTION:**	2	**REPORT #:**		**SPUD DATE:**	1/9/2008		
WELL #:	2-2	**TWP:**	30S	**DEPTH:**	1199				
FIELD:	Cherokee Basin	**RANGE:**	16E	**PBTD:**					
COUNTY:	Wilson	**ELEVATION:**	870	**FOOTAGE:**	1980	**FT FROM**	North	**LINE**	
STATE:	Kansas	**API #:**	15-205-27386-0000		660	**FT FROM**	East	**LINE**	

ACTIVITY DESCRIPTION:

TXD Drilling, Chris Espe and David Small, drilled to TD 1199 ft. on Thursday, 1/17/08 at 2:00 a.m.

Note: 10 foot samples collected for KGS.

Surface Casing @ 20.5 ft.

Surface Casing Size: 8 5/8"

CONFIDENTIAL
MAY 0 7 2008
KCC

GAS SHOWS:	Gas Measured		COMMENTS: Wet: 320 ft.
Mulberry Coal	**0** mcf/day @	**553-554** FT.	Gas check at 320 & 539 ft. Slight blow.
Lexington Shale and Coal	**0** mcf/day @	**585-588** FT.	
Summit Shale & Coal	**0** mcf/day @	**653-657** FT.	
Mulky Shale & Coal	**0** mcf/day @	**668-674** FT.	GCS. Gas check at 696 ft.
Bevier Coal	**0** mcf/day @	**721-723** FT.	
Verdigris Limestone	**0** mcf/day @	**737-739** FT.	**Not enough room to set an upper baffle here.**
Croweburg Coal & Shale	**0** mcf/day @	**739-743** FT.	
Fleming Coal	**9** mcf/day @	**776-778** FT.	9 mcf/day from this area. Gas check at 822 ft.
Weir Coal	**9** mcf/day @	**843-848** FT.	**No lower baffle to set here.**
Upper Bartlesville	**9** mcf/day @	**865-962 FT.**	Gas check at 1010 ft.
Lower Bartlesville	**14** mcf/day @	**979-1047** FT.	5 mcf/day from this area. Gas check at 1042 ft.
Rowe Coal	**14** mcf/day @	**Absent** FT.	
Neutral Coal	**14** mcf/day @	**Absent** FT.	
Riverton Coal	**14** mcf/day @	**Absent** FT.	
Mississippi	**11** mcf/day @	**Top at 1061** FT.	Gas check at 1105 ft.
TD: 1199 ft.	**11** mcf/day @		Gas check at TD.

Note: Water coming into the hole from zones drilled affects Drilling & Gas Tests. These Wells may require a booster to reach target TD.
This water pressure may cause the Gas coming into the hole to be sporatic and/or appear non-existent, giving false readings of initial Gas measured.

Bottom of Production Pipe Tally Sheet: 1169.48 ft.
Bottom Logger: 1183.00 ft. **Driller TD: 1199 ft.**

Shoe & Centralizer Set on bottom joint & Centralizers Set every 5 joints to surface.

OTHER COMMENTS:
Information in this report was taken directly from the Drillers hand written notes, Geologists examination of rock samples with a hand lens & the Compensated Density Log only. Gas Tests reflect what the driller wrote down during drilling activities. All zones are picked on site with minimal log correlation. Detailed work with logs may provide more accurate data for reservoir analysis. Below Zones fyi only.

Stray Sand-Odor	**516-527**
Pawnee LS / Pink	554-585
Oswego Limestone	628-653
Stray Limestone- Odor	**674-675**
Mineral Coal	788-793
Tebo Coal	838-841

RECEIVED
KANSAS CORPORATION COMMISSION
MAY 0 8 2008
CONSERVATION DIVISION
WICHITA, KS

CASING RECOMMENDATIONS: **Run casing / Cement to surface**

On Site Representative: **Ken Recoy, Senior Geologist, CPG #4630 & #5927** **Cell: (620) 305-9900** krecoy@qrcp.net

End of Drilling Report. Thank You!