

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

COPY

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: L S Well Service, LLC
License: 33374
Wellsite Geologist: Julie Shaffer

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>1/27/06</u>	<u>1/30/06</u>	<u>2/4/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26459-0000
County: Neosho
NE SW Sec. 13 Twp. 28 S. R. 17 ☒ East ☐ West
1980 feet from (S) / N (circle one) Line of Section
1980 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW
Lease Name: Kepley Farms Well #: 13-3

Field Name: Cherokee Basin CBM
Producing Formation: multiple

Elevation: Ground: 960 Kelly Bushing: n/a
Total Depth: 1162' Plug Back Total Depth: 1157.34

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 1157.34
feet depth to surface w/ 144 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.: _____

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: 5/25/06

Subscribed and sworn to before me this 25th day of May

2006

Notary Public: E. Wayne Willhite

Date Commission Expires: August 21, 2009

KCC Office Use ONLY

N Letter of Confidentiality Received

If Denied, Yes ☐ Date: _____

☐ Wireline Log Received

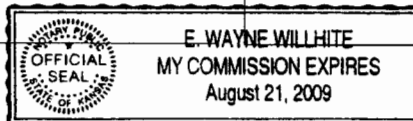
☐ Geologist Report Received

☐ UIC Distribution

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MAY 26 2006

CONSERVATION DIVISION
WICHITA, KS



Operator Name: Quest Cherokee, LLC Lease Name: Kepley Farms Well #: 13-3
 Sec. 13 Twp. 28 S. R. 17 ☒ 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 CCL

☒ 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	11"	8-5/8"	20#	21.6	"A"	5	
Production	6-3/4"	4-1/2"	10.5#	1157.34	"A"	144	

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	1055-1058/880-882/802-804/747-750/729-731/665-669/652-656	400gal 15% HCL w/ 47 bbls 2% kcl water, 345bbls water w/ 2% KCL, Blockide 4000F 2040 sand	1055-1058
		550gal 15% HCL w/ 61 bbls 2% kcl water, 651bbls water w/ 2% KCL, Blockide 13000F 2040 sand	880-882/802-804
			747-750/729-731
		400gal 15% HCL w/ 55 bbls 2% kcl water, 515bbls water w/ 2% KCL, Blockide 12100F 2040 sand	665-669/652-656

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1118.95	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
3/29/06	<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	1mcf	117bbls		

Disposition of Gas METHOD OF COMPLETION Production Interval **RECEIVED** KANSAS CORPORATION COMMISSION

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify)

MAY 26 2006

CONSERVATION DIVISION
 WICHITA, KS

L S Well Service, LLC #33374
543A 22000 Road
Cherryvale, Kansas 67335
620-328-4433

Drill Log
Quest Cherokee, LLC

Kepley Farms #13-3
S13, T28, R17
Neosho Co, KS
API#133-26459-0000

0-7	DIRT
7-35'	SHALE
35-45	LIME
45-55	SANDY SHALE
55-70	SAND
70-95	SANDY SHALE
95-158	SHALE
158-222	LIME
222-230	SHALE
230-238	LIME
238-250	SAND
250-271	SHALE
271-281	LIME
281-283	SHALE
283-347	LIME - WATER
347-357	SHALE
357-361	LIME
361-424	SANDY SHALE
424-434	LIME
434-457	SHALE
457-467	LIME
467-480	SHALE
480-489	SHALE
489-541	SANDY SHALE
541-546	LIME
546-547	COAL LESS THAN 8"
547-550	SHALE
550-586	LIME
586-588	BLACK SHALE
588-626	SHALE
626-646	LIME OSWEGO
646-649	SHALE
649-651	BLACK SHALE
651-654	SHALE
654-659	LIME
659-663	SHALE
663-664	COAL LESS THAN 8"
664-681	SHALE
681-724	SANDY SHALE
724-725	LIME
725-726	COAL LESS THAN 6"
726-798	SHALE
798-799	COAL LESS THAN 6"
799-826	SHALE
826-831	SAND OIL ODOR
831-876	SHALE
876-877	COAL LESS THAN 8"

1-27-06 Drilled 11" hole and set
21.6' of 8 5/8" surface casing
Set with 5 sacks Portland cement

1-30-06 Started drilling 6 3/4" hole

1-30-06 Finished drilling to
T.D. 1162'

485' SLIGHT BLOW
561' SLIGHT BLOW
611' 3" ON 1/2" ORIFICE
686' 22" ON 1/2" ORIFICE
736' 22" ON 1/2" ORIFICE
836' 22" ON 1/2" ORIFICE
887' 22" ON 1/2" ORIFICE
987' 22" ON 1/2" ORIFICE
1060' 48" ON 1/2" ORIFICE
1162' 39" ON 1/2" ORIFICE

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WICHITA KS

L S Well Service, LLC #33374
543A 22000 Road
Cherryvale, Kansas 67335
620-328-4433

Drill Log
Quest Cherokee, LLC

Kepley Farms #13-3
S13, T28, R17
Neosho Co, KS
API#133-26459-0000

877-922 SANDY SHALE
922-976 SAND WATER INCREASE
976-1000 SANDY SHALE
1000-1019 SAND
1019-1032 SANDY SHALE
1032-1051 SHALE
1051-1053 COAL
1053-1060 SHALE
1060-1162 LIME MISSISSIPPI

T.D. 1162

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CONSERVATION DIVISION
WICHITA, KS

QUEST

Resource Corporation



DATE: 1/30/2006

Data from Driller's Log, L&S Well Service Rig #1

WELL NAME:	Kepley Farms	SECTION:	13	REPORT #:	1	SPUD DATE:	1/27/2006
WELL:	13-3	TWP:	28S	DEPTH:	1162'		
FIELD:	Cherokee Basin CBM	RANGE:	17E				
COUNTY:	Neosho	ELEVATION:	960'	FOOTAGE:	1980 FT FROM	South	LINE
STATE:	Kansas	API #:	15-133-26459-00-00		1980 FT FROM	West	LINE

ACTIVITY DESCRIPTION:

L&S Well Service, Bart Lorenz, drilled to T.D. 1162'

GAS SHOWS:

CUMULATIVE GAS:

COMMENTS:

Mulberry Coal	Slight blow	mcf/day @	546-547 FT. Coal <8" thick
Lexington Shale	11	mcf/day @	586-588 FT. 11 mcf/day from the Lexington Shale
Summit Shale	36	mcf/day @	649-651 FT.
Mulky Shale & Coal	36	mcf/day @	659-664 FT. Coal <8" thick, 25 mcf/day from the Mulky Shale and Coal
Bevier Coal	29	mcf/day @	725-726 FT. Coal <6" thick
Croweburg Coal & Shale	29	mcf/day @	798-799 FT. Coal <6" thick
Fleming Coal	29	mcf/day @	Absent FT.
Weir Coal	29	mcf/day @	876-877 FT. Coal <8" thick
Bartlesville Sand	29	mcf/day @	922-976 FT.
Rowe Coal	29	mcf/day @	Absent FT.
Neutral Coal	29	mcf/day @	Absent FT.
Riverton Coal	43	mcf/day @	1051-1053 FT. 7 mcf/day from the Riverton Coal
Mississippian	39	mcf/day @	Top @ 1060 FT.

Total Depth @ 1162'

Surface Casing Size: 21'6"

On Site Representative: Julie Shaffer

OTHER COMMENTS:

Information in this report was taken directly from the Drillers hand written notes. All depths and orifice checks reflect what the driller recorded during drilling activities.

Large amounts of water picked up at 283', increased amounts of water in the Bartlesville Sandstone at 922'.

Cattleman Sandstone from 826-831', strong oil odor

CASING RECOMMENDATIONS:

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End of Drilling Report

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