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KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL
3/10/10

Form ACO-1
September 1999
Form Must Be Typed

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 Recoy

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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.

11-20-07	11-22-07	11-23-07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-133-~~26899-0000~~ 27290
County: Neosho
NW - SE - SW - NW Sec. 21 Twp. 28 S. R. 18 ✓ East ☐ West
2125 feet from S / (N) (circle one) Line of Section
850 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (NW) SW
Lease Name: Spieker, Hugo Well #: 21-3
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 952 Kelly Bushing: n/a
Total Depth: 1170 Plug Back Total Depth: 1152
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
If yes, show depth set ____ Feet
If Alternate II completion, cement circulated from 1152
feet depth to surface w/ 190 sx cmt.

Drilling Fluid Management Plan AA # NJS 19-08
(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: 3/10/08
Subscribed and sworn to before me this 10th day of March, 2008.
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

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Side Two

ORIGIN...

Operator Name: Quest Cherokee, LLC Lease Name: Spieker, Hugo Well #: 21-3

Sec. 21 Twp. 28 S. R. 18 ☑ 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:

Compensated Density Neutron Log
Dual Induction Log

☑ Log ☐ 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	"A"	5	
Production	6-3/4	4-1/2	10.5	1152	"A"	190	

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	1031-1034/973-975	500gal 15%HCLw/ 51bbls 2%kcl water, 646bbls water w/ 2% KCL, Biocide, 5600# 20/40 sand	1031-1034/973-975
4	883-885/786-788/767-769/729-732/706-708	400gal 15%HCLw/ 61bbls 2%kcl water, 546bbls water w/ 2% KCL, Biocide, 1700# 20/40 sand	883-885/786-788
		767-769/729-732	706-708
4	628-632/615-619	300gal 15%HCLw/ 62bbls 2%kcl water, 646bbls water w/ 2% KCL, Biocide, 4600# 20/40 sand	628-632/615-619

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2-3/8"	1074	n/a	☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
1-17-08	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	14.6 mcf	32.9 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

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TICKET NUMBER 2614
FIELD TICKET REF # _____
FOREMAN Joe

621070

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-23-07	SPieKer Hugo 21-3	21	28	18	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	10:00	12:00		903427		2	Joe Blanchard
Tim	↓	↓		903197		↓	
MAVERICK				903600			120
DANIEL	↓	↓		931420		↓	Daniel S.
NO DRIVER				903140	932452		

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1169 CASING SIZE & WEIGHT 4 1/2 10.5
CASING DEPTH 1152.30 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 14.2 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
DISPLACEMENT 18.37 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4bpm

REMARKS:
Installed cement head RAN 25KS gel & 12 bbl dye & 15K gal & 190 SKS of cement to get dye to surface. Flush pump. Pump wiper plug to bottom & set floatshoe.

Cement to Surface

	1152.30	Ft 4 1/2 Casing
	6	Centralizers
	1	4 1/2 Floatshoe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	2 hr	Foreman Pickup	
903197	2 hr	Cement Pump Truck	
903600	2 hr	Bulk Truck	
1104	180 SK	Portland Cement	
1124	2	~~50/50 POZ Blend Cement~~ Baffles 3 1/2 #3	
1126	1	~~OWC Blend Cement~~ 4 1/2 Wiper plug	
1110	39 SK	Gilsonite	
1107	2 SK	Flo-Seal	
1118	8 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	4 SK	~~Sodium Silicate~~ Calchloride	
1123	7000 gal	City Water	
903140	2 hr	Transport Truck	
932452	2 hr	Transport Trailer	
931420	2 hr	80 Vac	

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TXD SERVICES **DRILLERS LOG** **TXD SERVICES**

RIG #	101	S. 21	T. 28	R. 18	GAS TESTS:		
API #	133-26899	County:	Neosho		591'	10 - 1/2"	19.9
Elev.:	952'	Location:	Kansas		622'	15 - 1/2"	24.5
					653'	15 - 1/2"	24.5
Operator:	Quest Cherokee LLC				746'	9 - 1/2"	18.6
Address	9520 N. May Ave., Suite 300				777'	9 - 1/2"	18.6
	Oklahoma City, OK. 73120				808'	11 - 1/2"	20.9
WELL #	23-1	Lease Name:	Spieker, Hugo		839'	8 - 1/2"	17.2
Footage location	2125 ft. from the	N	line		870'	4 - 1/2"	12.5
	850 ft. from the	W	line		901'	4 - 1/2"	12.5
Drilling Contractor:	TXD SERVICES LP				994'	4 - 1/2"	12.5
Spud Date:	NA	Geologist:			1056'	13 - 1/2"	22.8
Date Comp:	11-22-07	Total Depth:	1170'		1087'	5 - 1/2"	14.1
Exact Spot Location	NW SE SW NW				1170'	5 - 1/2"	14.1

Casing Record			Rig Time
	Surface	Production	
Size Hole	12-1/4"	6-3/4"	
Size Casing	8-6/8"	4-1/2"	
Weight	24#	10-1/2#	
Setting Depth	22'		
Type Cement			
Sacks			

WELL LOG

Formation	Top	Btm.	Formation	Top	Btm.	Formation	Top	Btm.
top soil	0	4	shale	575	595	coal	890	892
shale	4	96	lime	595	618	sand/shale	892	949
lime	96	100	coal	618	621	sand	949	980
coal	100	101	shale	621	624	coal	980	984
lime	101	106	lime	624	631	sand/shale	984	1034
sand	106	156	coal	631	633	coal	1034	1038
lime	156	170	shale	633	641	shale	1038	1046
coal	170	171	sand	641	666	coal	1046	1054
shale	171	200	shale	666	733	shale	1054	1062
sand/shale	200	270	coal	733	736	sand	1062	1080
coal	270	271	sand/shale	736	745	lime	1080	1170
sand	271	295	coal	745	747			
lime	295	320	shale	747	764			
shale	320	414	coal	764	766			
lime	414	426	shale	766	799			
shale	426	457	coal	799	802			
coal	457	458	sand/shale	802	830			
sand	458	506	coal	830	833			
lime	506	556	sand/shale	833	867			
b.shale	556	560	coal	867	870			
sand	560	573	sand	870	885			
coal	573	575	shale	885	890			

Comments: 250' injected water

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