

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: Michaels Drilling
License: 33783
Wellsite Geologist: Ken Recoy

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JUL 05 2006
CONSERVATION DIVISION
WICHITA, KS

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>3/7/06</u>	<u>3/8/06</u>	<u>3/15/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26501-00-00
County: Neosho

_____ - sw - ne Sec. 21 Twp. 29 S. R. 19 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: Hughes, Jack D. Well #: 21-1
Field Name: Cherokee Basin CBM

Producing Formation: Multiple
Elevation: Ground: 996 Kelly Bushing: n/a
Total Depth: 1058 Plug Back Total Depth: 1054.16
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 1054.16
feet depth to surface w/ 118 sx cnt.

Alt 2 - Dg - 11/12/08


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: 6/30/06
Subscribed and sworn to before me this 30th day of June,
2006.
Notary Public: E. Wayne Willhite
Date Commission Expires: _____

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

 **E. WAYNE WILLHITE**
MY COMMISSION EXPIRES
August 21, 2009

Operator Name: Quest Cherokee, LLC Lease Name: Hughes, Jack D. Well #: 21-1
 Sec. 21 Twp. 29 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction Log Compensated Density/Neutron Log Gamma Ray Neutron Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See Attached
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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#	20	"A"	4	
Production	6-3/4"	4-1/2"	10.5#	1054.16	"A"	118	

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	950-953/898-900/892-894	400gal 15% HCL w/ 20 bbls 2% kcl water, 500bbls water w/ 2% KCL, Blockde 7700# 30/70 sand	950-953/898-900 892-894
4	681-683/646-649/623-625	400gal 15% HCL w/ 39 bbls 2% kcl water, 570bbls water w/ 2% KCL, Blockde 11700# 30/70 sand	681-683/646-649 623-625
4	538-542/526-529	400gal 15% HCL w/ 35 bbls 2% kcl water, 550bbls water w/ 2% KCL, Blockde 10500# 30/70 sand	538-542/526-529

TUBING RECORD	Size Set At 2-3/8" 976	Packer At n/a	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enh. 5/13/06	Producing Method <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. n/a	Gas Mcf 10.6mcf	Water Bbls. 77.4bbls	Gas-Oil Ratio	Gravity

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval _____

QUEST

Resource Corporation

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

TICKET NUMBER **1422**

FIELD TICKET REF # _____

FOREMAN Joe

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-15-06	Hughes Jack 21-1	21	29	19	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe P.	10:30	12:30	no	903388		2	<i>Joe P.</i>
Tim A.	10:30	12:30		903197		2	<i>Tim A.</i>
Russell A.	10:30	12:30		903206		2	<i>Russell A.</i>
David C.	10:30	12:30		903296	932452	2	<i>David C.</i>
Jeff M.	10:30	12:30		903106		2	<i>Jeff M.</i>
Maverick D.	10:30	12:30		extra		2	<i>Maverick D.</i>

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1058 CASING SIZE & WEIGHT 4 1/2 10.5
 CASING DEPTH 1054.16 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 16.81 DISPLACEMENT PSI _____ MIX PSI _____ RATE 3.8 bpm

REMARKS:
ran 1 sk prem gel surf to surface. Installed cement head ran 1 sk prem gel & 11 bbl dye & 125 sks of cement to get dye to surface. Flush pipe. Rammed wiper plug to bottom & set float shoe.

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	1054.16	Ft casing 4 1/2"	
	1	centralizers	
903388	1.5 hr	casing tractor	
930804	1.5 hr	Casing trailer	
903388	2 hr	Foreman Pickup	
903197	2 hr	Cement Pump Truck	
903206	2 hr	Bulk Truck	
1104	118 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement <u>Ballie 3 1/2" & 3"</u>	
1126	1	OWC - Blend Cement <u>4 1/2" wiper plug</u>	
1110	12 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	2 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate <u>Calcibloride</u>	
1123	7000 gal	City Water	
903296	2 hr	Transport Truck	
932452	2 hr	Transport Trailer	
903106	2 hr	80 Vac	
	1	4 1/2 Float shoe.	

Michael Drilling, LLC
P.O. Box 402
Iola, KS 66749
620-365-2755

51

Company: Quest Cherokee LLC
Address: 9520 North May Ave. Suite 300
Oklahoma City, Oklahoma 73120
Ordered By: Donnie Meyers

Date: 03/09/06
Lease: Hughes, Jack D.
County: Nowata
Well#: 21-1
API#: 15-133-26501-00-00

Drilling Log

FEET	DESCRIPTION	FEET	DESCRIPTION
0-12	Overburden	423-424	Lime
12-28	Shale	424-427	Shale
28-41	Lime	427-447	Lime
41-50	Sandy Shale	447-449	Black Shale
50-55	Shale	449-456	Lime
55-68	Sandy Shale	456-459	Black Shale
68-87	Lime	459-498	Shale
87-130	Shale	498-499	Cosol
130-142	Lime	499-501	Shale
142-197	Shale	501-524	Lime
197-198	Coal	520	Gas Test (0" at 1/4 Choke)
198-200	Lime	524-527	Shale
200-211	Shale	527-531	Black Shale
211-271	Lime and Shale	531-533	Shale
271-279	Shale	533-540	Lime
279-285	Lime	535	Gas Test (0" at 1/4 Choke)
285-307	Shale	540-542	Black Shale
307-342	Lime	542-543	Coal
342-367	Shale	543-547	Shale
367-370	Coal	547-552	Sand
370-416	Shale	552-622	Shale
416-417	Coal	557	Gas Test (0" at 1/4 Choke)
417-421	Lime	622-624	Coal
421-423	Coal	624-640	Shale

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P.O. Box 402
Iola, KS 66749
620-365-2755

Company: Quest Cherokee LLC
Address: 9520 North May Ave, Suite 300
Oklahoma City, Oklahoma 73120
Ordered By: Donnie Meyers

Date: 03/09/06
Lease: Hughes, Jack D.
County: Neosho
Well#: 21-1
API#: 15-133-26501-00-00

Drilling Log

FEET	DESCRIPTION	FEET	DESCRIPTION
640-641	Line	894-895	Coal
641-642	Coal	895-948	Shale
642-647	Shale	933	Gas Test (9" at 1/4 Choke)
647-648	Coal	948-951	Coal
648-680	Shale	951-957	Shale
680-682	Coal	954	Gas Test (20" at 3/8 Choke)
682-698	Shale	957-1058	Mississippi Line
698-699	Coal	983	Gas Test (5" at 3/8 Choke)
699-710	Shale	1058	Gas Test (5" at 3/8 Choke)
710-711	Coal	1058	TD
711-738	Sandy Shale		
738-739	Coal		
739-760	Shale		
760-765	Red Shale		
765-816	Shale		
816-825	Sand and Sandy Shale		
825-856	Shale		
856-857	Coal		
857-861	Shale		
861-862	Coal		
862-882	Sand		
882-889	Shale		
889-890	Coal		
890-894	Shale		

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DATE: 3/8/06

Data from Driller's Log

Michael Drilling - Rig #2

WELL NAME: Hughes, Jack D.	SECTION: 21	REPORT #:	SPUD DATE: 3/7/2006
WELL #: 21-1	TWP: 29S	DEPTH: 1058	
FIELD: Cherokee Basin	RANGE: 19E	PSTD:	
COUNTY: Neosho	ELEVATION: 996	FOOTAGE: 1980	FT FROM: North
STATE: Kansas	API #: 15-133-26501-00-00	FT FROM: 1980	LINE: East
			LINE: SW NE

ACTIVITY DESCRIPTION:

Michael Drilling, Duane Martin, drilled to TD 1058 ft. on 3/8/06.

GAS SHOWS:	Cumulative Gas	COMMENTS:
Mulberry Coal	0 mcf/day @ 416-417 FT.	
Lexington Shale and Coal	0 mcf/day @ 456-459 FT.	
Summit Shale & Coal	0 mcf/day @ 527-531 FT.	Gas test at 527 ft. and 535 ft. No flow
Mulky Shale & Coal	0 mcf/day @ 540-543 FT.	Gas test at 557 ft. No flow
Bevier Coal	0 mcf/day @ 622-624 FT.	
Verdigris Limestone	0 mcf/day @ 640-641 FT.	
Croweburg Coal & Shale	0 mcf/day @ 641-642 FT.	
Fleming Coal	0 mcf/day @ 647-648 FT.	
Weir Coal	0 mcf/day @ 738-739 FT.	
Bartlesville Sand	0 mcf/day @ 816-825 FT.	
Rowe Coal	0 mcf/day @ 889-890 FT.	
Neutral Coal	0 mcf/day @ 894-895 FT.	Gas test at 933 ft. No flow
Riverton Coal	16 mcf/day @ 948-951 FT.	16 mcf/day from this area. Gas test at 954 ft.
Mississippi	8 mcf/day @ Top at 957 FT.	Gas test at 983 ft.
TD: 1058 ft.		GCS. Gas test at TD 1058 ft.

*Zone not identifiable from Driller's handwritten notes.

Formation Tops and Casing Recommendation made without benefit of viewing open-hole logs first.

Surface Casing @ 20.0'

Surface Casing Size: 8 5/8"

OTHER COMMENTS:

Information in this report was taken directly from the Driller's handwritten notes. All depths and orifice checks reflect what the driller recorded during drilling activities. Zones listed below are fyi only.

Stray Coal	367-370
Pawnee LS / Pink	417-456
Stray Coal	421-423
Stray Coal	498-499
Oswego Limestone	521-524
Mineral Coal	680-682
Sscammon Coal	698-699
Tebo Coal	710-711
Red Shales	760-765
Bluejacket Coal	856-857
Drywood Coal	861-862

CASING RECOMMENDATIONS: Run casing / Cement to surface

On Site Representative: Ken Recoy, Senior Geologist, CPG #4630 (620) 305-9203 Cell krecoy@qrcp.net

End of Drilling Report. Thank You!

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