

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: MOKAT
License: 5831
Wellsite Geologist: Ken Recoy

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW 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>5/18/06</u>	<u>5/22/06</u>	<u>6/15/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26620-00-00
County: Neosho
_____ se _____ sw _____ ne _____ Sec. 4 Twp. 28 S. R. 18 East West
2310 feet from S / N (circle one) Line of Section
1780 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Mugrage, Michael E. Well #: 4-1
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 925 Kelly Bushing: n/a
Total Depth: 1016 Plug Back Total Depth: 1071.38
Amount of Surface Pipe Set and Cemented at 45' 6" Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1071.38
feet depth to surface w/ 128 sx cmt.

Drilling Fluid Management Plan Alt II KJR 3/18/08
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled off site: **RECEIVED**
KANSAS CORPORATION COMMISSION
Operator Name: _____ **SEP 15 2006**
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. **WICHITA, KS** 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: 9/14/06
Subscribed and sworn to before me this 14th day of September,
20 06.
Notary Public: Debra Klauman
Date Commission Expires: 8-4-2010

KCC Office Use ONLY

Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received

TERRA KLAUMAN
Notary Public - State of Kansas
My Appt. Expires 8-4-2010

Operator Name: Quest Cherokee, LLC Lease Name: Mugrage, Michael E. Well #: 4-1
 Sec. 4 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 <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: Compensated Density Neutron Log Gamma Ray Neutron Log Dual Induction 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	45' 6"	"A"	10	
Production	6-3/4	4-1/2	10.5#	1071.38	"A"	128	

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	993-996	150gal 15%HCL/w/ 78 bbis 2%kcl water, 218bbis water w/ 2% KCL, Blockde, 3500# 20/40 sand	993-996
4	830-832/782-784/811-812/726-728/744-745/687-691/667-669	500gal 15%HCL/w/ 39 bbis 2%kcl water, 654bbis water w/ 2% KCL, Blockde, 19000# 20/40 sand	830-832/782-784 811-812/726-728/744-745 687-691/667-669
4	585-590/575-579	400gal 15%HCL/w/ 27 bbis 2%kcl water, 456bbis water w/ 2% KCL, Blockde, 13000# 20/40 sand	585-590/575-579

TUBING RECORD	Size Set At <u>2-3/8 1156.2</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>7/24/06</u>		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. <u>n/a</u>	Gas Mcf <u>44.7mcf</u>	Water Bbls. Gas-Oil Ratio Gravity <u>112.3bbils</u>

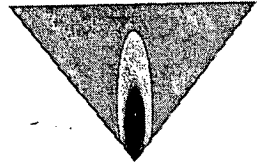
Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

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 1577

FIELD TICKET REF #

FOREMAN Joe/craig

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-15-06	Mugrage Michael 4-1	4	28	18	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe P. craig - c	11:00	12:45		903388		1.75	<i>Joe P. Craig</i>
Tim				903255			<i>Tim</i>
Robert - w				903230			<i>Robert W.</i>
DAVID. clower				903140	932452		<i>David Clower</i>
Wes. T				931415			<i>Wes T.</i>
MAURICK. D				extra			<i>Maurick D.</i>

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 10726 CASING SIZE & WEIGHT 4 1/2 10.5
 CASING DEPTH 1071.38 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 17.08 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

REMARKS:

RAW 1SK gel swept to surface. Installed cement head RAW 1SK gel + 10 bbl dye & 128 SKS of cement to get dye to surface. Flush pump. Pump wiper plug to bottom of float shoe.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	1071.38	FT 4 1/2 casing	
	5	Centralizers	
	1	4 1/2 casing clamp	
931310	1 hr	Casing tractor	
607253	1 hr	Casing trailer	
903388	1.75 hr	Foreman Pickup	
903255	1.75 hr	Cement Pump Truck	
903230	1.75 hr	Bulk Truck	
1104	121 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement Baffle 3 1/2" x 3"	
1126	1	OWG Blend Cement 4 1/2 wiper plug	
1110	13.5K	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	2 SK	Premium Gel	
1215A	1 Tag	KCL	
1111B	3 SK	Sodium Silicate Calchlovide	
1123	7000 gal	City Water	
903140	1.75 hr	Transport Truck	
932452	1.75 hr	Transport Trailer	
931415	1.75 hr	80 Vac	
Ravin 4513	1	4 1/2 Float shoe	

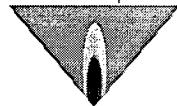
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KANSAS CORPORATION COMMISSION

SEP 15 2006

CONSERVATION DIVISION
WICHITA, KS

QUEST

Resource Corporation



DATE: 5/22/06

Data from Driller's Log

PW Universal Drilling

WELL NAME:	Mugrage, Michael E.	SECTION:	4	REPORT #:		SPUD DATE:	5/18/2006
WELL #:	4-1	TWP:	28S	DEPTH:	1016		
FIELD:	Cherokee Basin	RANGE:	18E	PBTD:			
COUNTY:	Neosho	ELEVATION:	925	FOOTAGE:	2310	FT FROM	North
STATE:	Kansas	API #:	15-133-26620-00-00		1780	FT FROM	East
							SW NE

ACTIVITY DESCRIPTION:

PW Universal Drilling, Pete Mukora, drilled to TD 1016 ft. on 5/22/06.

GAS SHOWS:

Gas Measured

COMMENTS:

Formation	Gas Measured	Depth	Comments
Mulberry Coal	5 mcf/day @	463-465 FT.	5 mcf/day from this area. Gas check at 431 ft.
Lexington Shale and Coal	4 mcf/day @	506-508 FT.	Gas check at 526 ft. and 535 ft.
Summit Shale & Coal	4 mcf/day @	577-578 FT.	
Mulky Shale & Coal	4 mcf/day @	595-598 FT.	
Bevier Coal	4 mcf/day @	629-631 FT.	
Verdigris Limestone	4 mcf/day @	FT. *	
Croweburg Coal & Shale	4 mcf/day @	635-638 FT.	
Fleming Coal	4 mcf/day @	655-658 FT.	
Weir Coal	4 mcf/day @	748-753 FT.	
Bartlesville Sand	4 mcf/day @	753-765 FT.	
Rowe Coal	4 mcf/day @	841-843 FT.	
Neutral Coal	4 mcf/day @	846-848 FT.	
Riverton Coal	4 mcf/day @	895-897 FT.	GCS. Gas check at 896 ft.
Mississippi	4 mcf/day @	Top at 917 FT.	
TD: 1016 ft.	4 mcf/day @		GCS. Gas check at TD.

*Zone not identifiable from Driller's handwritten notes.

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

Surface Casing @ 45' 6"

Surface Casing Size: 8 5/8"

OTHER COMMENTS:

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

Stray Shale / Coal	411-413
Stray Shale / Coal	416-423
Stray Shale / Coal	430-431
Stray Shale / Coal	445-450
Pawnee LS / Pink	466-506
Stray Shale / Coal	527-535
Oswego Limestone	543-577
Mineral Coal	686-691
Tebo Coal	736-738
Bluejacket Coal	766-770
Drywood Coal	786-790

CASING RECOMMENDATIONS:

Run casing / Cement to surface

On Site Representative:

Ken Recoy, Senior Geologist, CPG #4630

Cell: (620) 305-9203

krecoy@qrcp.net

End of Drilling Report. Thank You!

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MAR 12 2008

CONSERVATION DIVISION
WICHITA, KS