

Rec
12/18/08

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. Smith
Phone: (620) 431-9500
Contractor: Name: L&S
License: 33374
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. _____

15
4/16/08 4/17/08 4/18/08
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date
Ken Recoy

API No. 15 - 205-27515-0000
County: Wilson
SW SE NW Sec. 18 Twp. 28 S. R. 16 East West
2495 feet from S N (circle one) Line of Section
1390 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Markham SWD Well #: 18-1
Field Name: Cherokee Basin CBM

Producing Formation: n/a
Elevation: Ground: 942 Kelly Bushing: n/a
Total Depth: 1788 Plug Back Total Depth: 1474.66
Amount of Surface Pipe Set and Cemented at ²³ _____ Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1474.66
feet depth to surface w/ 230 ^{sx cmt}

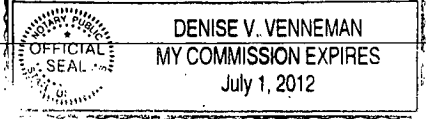
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

Alt 2-Dlg - 12/30/09

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: 12/18/08
Subscribed and sworn to before me this 16th day of December
20 08
Notary Public: Denise V. Venneman

Date Commission Expires: _____


KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
RECEIVED
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DEC 22 2008

CONSERVATION DIVISION
WICHITA KS

Operator Name: Quest Cherokee, LLC Lease Name: Markham SWD Well #: 18-1
 Sec. 18 Twp. 28 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)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See attached

List All E. Logs Run:

**Compensated Density Neutron Log
 Dual Induction Log**

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"	22	23	"A"	6	
Production	7-7/8	5-1/2	14.5	1474.66	"A"	230	

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
	n/a		

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-7/8"	1429	1429	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
6/3/08			<input type="checkbox"/> Flowing <input 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

Disposition of Gas **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, Submit ACO-18.) Other (Specify) _____



DATE: 4/18/08

L & S Drilling

Geology Brief - Data taken from Driller's Log & Compensated Density Log

WELL NAME:	Markham (SWD)	SECTION:	18	REPORT #:		SPUD DATE:	4/5/2008
WELL #:	18-1	TWP:	28S	DEPTH:	1789		
FIELD:	Cherokee Basin	RANGE:	16E	PBTD:			
COUNTY:	Wilson	ELEVATION:	942	FOOTAGE:	2495	FT FROM	North
STATE:	Kansas	API #:	15-205-27515-0000		1390	FT FROM	West
							SW SE NW

ACTIVITY DESCRIPTION:

L & S Drilling, Dustin Hirrlinger, drilled to TD 1789 ft. on Thursday, 4/17/08 at 2:00 p.m.

Note: 10 foot samples collected for KGS.

This is a Salt Water Disposal Well, which TD'd at 320 ft. into the Arbuckle Dolomite.

Surface Casing @ 23.0 ft.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured	E-Log	COMMENTS: Wet: 586 ft.
Mulberry Coal	0 mcf/day @	695-697 FT.	Gas check at 706 ft. No blow.
Lexington Shale and Coal	0 mcf/day @	721-723 FT.	Gas check at 736 ft. Slight blow.
Summit Shale & Coal	0 mcf/day @	780-785 FT.	
Mulky Shale & Coal	11 mcf/day @	791-795 FT.	11 mcf/day from this area. Gas check at 796 ft.
Bevier Coal	11 mcf/day @	864-868 FT.	No upper baffle set.
Verdigris Limestone	11 mcf/day @	879-881 FT.	
Croweburg Coal & Shale	11 mcf/day @	881-885 FT.	GCS. Gas check at 916 ft.
Fleming Coal	11 mcf/day @	921-923 FT.	GCS. Gas check at 976 ft.
Weir Coal	25 mcf/day @	1012-1014 FT.	14 mcf/day from this area. Gas check at 1037 ft.
Lower Bartlesville Sand	25 mcf/day @	1084-1139 FT.	No lower baffle set.
Rowe Coal	25 mcf/day @	Absent FT.	
Neutral Coal	25 mcf/day @	Absent FT.	
Riverton Coal	25 mcf/day @	Absent FT.	
Mississippi Limestone	25 mcf/day @	1144-1420 FT.	GCS. Gas check at 1187 ft.
Northview Shale	mcf/day @	1420-1442 FT.	Too much water to take gas tests.
Compton Limestone	mcf/day @	1442-1462 FT.	
Chattanooga Shale - odor	mcf/day @	1462-1469 FT.	
Arbuckle Dolomite	mcf/day @	Top at 1469 FT.	
TD: 1789 ft.	mcf/day @		

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 sporadic and/or appear non-existent, giving false readings of initial Gas measured.

Bottom of Production Pipe Tally Sheet: 1474.66 ft.

Bottom Logger: 1789.00 ft. Driller TD: 1788 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.

Pawnee LS / Pink	697-711
Oswego Coal	760-762
Oswego Limestone	762-780
Mineral Coal	937-939
Scammon Coal	950-952
Tebo Coal	978-981
Stray Sand - oil	997-1020

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CASING RECOMMENDATIONS: Run 5.5 inch casing / Cement to surface

CONSERVATION DIVISION
WICHITA, KS

On Site Representative: Ken Recoy, Senior Geologist, CPG #4630 & #5927 Cell: (620) 305-9900

krecoy@qrco.net

End of Drilling Report. Thank You!

QUEST

Resource Corporation



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

TICKET NUMBER

6545

FIELD TICKET REF #

FOREMAN

Joe

SSI

627550

API

15-205-27515

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-18-08	Markham SWD 18-1	18	28	16	WL

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Dwayne	7:00	5:45		90640		10.75	<i>[Signature]</i>
Joe	10:00	6:00	15			6	<i>[Signature]</i>
Tim	10:00	6:00	B	903255		6	<i>[Signature]</i>
Tyler	10:00	5:45		903140	932452	7.75	<i>[Signature]</i>
Matt	10:00	6:00		903600		8	<i>[Signature]</i>
MAURICK	7:00	5:00		931300		10	120
Daniel	10:00	5:00				7	<i>[Signature]</i>

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 1789 CASING SIZE & WEIGHT 5 1/2 14.5
 CASING DEPTH 1474.66 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 35.1 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4BPM

REMARKS:

Installed cement head Pumped 40 BBI water then dropped Ball & set Packer Shoe. RAN 3 SKS gal & 230 SKS of Cement to get good cement to surface. Flush pump. Pumped plug to bottom & set Float shoe -

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	1	Foreman Pickup	
903255	1	Cement Pump Truck	
903600	1	Bulk Truck	
903140	1	Transport Truck	
932452	1	Transport Trailer	
		80 Vac	
	1474.66	Casing	
	7	Centralizers	
	1	Float Shoe <u>TYPE A Packer Shoe</u>	
	1	Wiper Plug <u>5 1/2 wooden Plug</u>	
	0	Frac Baffles	
	200 SK	Portland Cement	
	44 SK	Gilsonite	
	2 SK	Flo-Seal	
	15 SK	Premium Gel	
	4 SK	Cal Chloride	
	1 gal	KCL	
	7000 gal	City Water	

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