

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

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: Michael Drilling  
License: 33783  
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. \_\_\_\_\_

2/20/09	2/23/09	3/4/09
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24543-0000  
County: Labette  
SW    NE    SE    Sec. 1 Twp. 35 S. R. 18  East  West  
780 feet from (S) N (circle one) Line of Section  
600 feet from (E) W (circle one) Line of Section

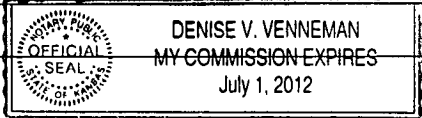
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: CARNEY, M R Well #: 1-1  
Field Name: Cherokee Basin CBM  
Producing Formation: NOT YET COMPLETED  
Elevation: Ground: 933 Kelly Bushing: n/a  
Total Depth: 994 Plug Back Total Depth: 984.29  
Amount of 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 984.29  
feet depth to surface w/ 130 sx cmt.

**Drilling Fluid Management Plan** AH II ncr 9-29-09  
(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. Smith  
Title: New Well Development Coordinator Date: 9/15/09  
Subscribed and sworn to before me this 15<sup>th</sup> day of September  
20 09  
Notary Public: Denise V. Vennemman  
Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: Quest Cherokee, LLC Lease Name: CARNEY, M R Well #: 1-1  
 Sec. 1 Twp. 35 S. R. 18  East  West County: Labette

**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	20	"A"	5	
Production	7-7/8	5-1/2	14.5	984.29	"A"	130	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ 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
	WAITING ON PIPELINE		

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method <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

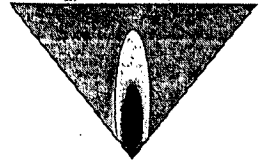
Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

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 2450

FIELD TICKET REF # \_\_\_\_\_

FOREMAN Dwayne

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-4-09	Carney M.R. 1-1	1	35	18	LB

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Dwayne	6:45	1:00	}	904850			<i>[Signature]</i>
Wes T.	6:45	1:00		903157			
Justin Stich	6:45	1:00		903600			
				903414			

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 990' CASING SIZE & WEIGHT 5 1/2 / 14.5-lb  
 CASING DEPTH 983.29 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 23.4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

REMARKS:

Hooked onto casing and Broke circulation Pump 200# Prem Gel and Sweep to Surface then Pump 100# Prem Gel Followed by 14 BBH Dye Marker and Start cement. Pump 130 Sacks to get Dye Marker Back Stop and Flush Pump then Pump wiper Plug to Bottom and Set Float Shoe

RECEIVED

SEP 17 2009

KCC WICHITA

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	6.25 hr	Foreman Pickup	
903197	6.25 hr	Cement Pump Truck	
903600	6.25 hr	Bulk Truck	
1104	117 Sacks	Portland Cement	
1124		50/50 POZ Blend Cement	
1126	1	<del>Fracturing</del> Frac Baffles 4" hole	
1110	13 Sacks	Gilsonite	
1107	1.25 Sacks	Flo-Seal	
1118	11 Sacks	Premium Gel 8 EA Load 3 Ahead of Job	
1215A	1 Gal	KCL	
1111B	3 Sacks	<del>Sodium Sulfate</del> Col Chloride	
1123	8000 Gal	City Water	
903414	6.25 hr	Transport Truck	
	6.25	Transport Trailer	
		80 Vac	



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SEP 17 2009  
KCC WICHITA

DATE: 2/24/09

Michael Drilling

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

WELL NAME:	Carney, M. R.	SECTION:	1	REPORT #:		SPUD DATE:	2/20/2009
WELL #:	1-1	TWP:	35S	DEPTH:	994		
FIELD:	Cherokee Basin	RANGE:	18E	PBTD:			
COUNTY:	Labette	ELEVATION:	933 Estimated	FOOTAGE:	780	FT FROM	South
STATE:	Kansas	API #:	15-099-24543-0000		600	FT FROM	East
							SECTION LINE
							SECTION LINE
							SW NE SE SE

House

ACTIVITY DESCRIPTION:

Michael Drilling, Rick Michael and Duane Martin, drilled to TD 994 ft. on Monday, 2/23/09 at 3:30 p.m.  
Note: 10 foot rock samples collected for the Kansas Geological Survey (KGS) as required by the State of Kansas.

Surface Casing @ 20.0 ft.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured	E-Log	COMMENTS: Wet @ 610 ft.
Mulberry Coal	0 mcf/day @	Absent FT.	Gas check at 111 and 161 ft. No blow.
Lexington Shale and Coal	0 mcf/day @	189-193 FT.	Gas check at 261 ft.
Summit Shale & Coal	0 mcf/day @	299-303 FT.	Gas check at 311 ft.
Mulky Shale & Coal	20 mcf/day @	335-339 FT.	20 mcf/day from the Mulky. Gas check at 336 ft.
Bevier Coal	20 mcf/day @	396-398 FT.	
Iron Post Coal	20 mcf/day @	406-408 FT.	
Verdigris Limestone	20 mcf/day @	425-429 FT.	Not enough room to set upper baffle.
#1 Croweburg Coal & Shale	20 mcf/day @	429-436 FT.	
#2 Croweburg Coal & Shale	20 mcf/day @	443-445 FT.	
Fleming Coal	20 mcf/day @	478-480 FT.	
Weir Coal	20 mcf/day @	577-581 FT.	Lower baffle set at 733.03 ft. Small hole.
Bartlesville Sandstone	28 mcf/day @	poorly developed FT.	8 mcf/day from this area. Gas check at 690 & 760 ft.
Rowe Coal	28 mcf/day @	783-785 FT.	
Neutral Coal	28 mcf/day @	Absent FT.	
Upper Riverton Coal	28 mcf/day @	823-825 FT.	
Lower Riverton Coal	55 mcf/day @	858-860 FT.	27 mcf/day from this area. Gas check at 862 ft.
Mississippi Limestone	55 mcf/day @	Top at 868 FT.	Gas check at 890 ft.
TD: 994 ft.	55 mcf/day @		Gas check at TD.

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: 983.29 ft. Production Casing Set by Quest.

Bottom Logger: 994.40 ft. Driller TD: 990 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	153-189
Oswego Limestone	258-299
Tebo Coal	548-553
Bluejacket Coal	710-712

CASING RECOMMENDATIONS: Run 5.5 inch casing / Cement to surface

On Site Supervisor/Representative: Ken Reco, Senior Geologist, AAPG CPG #5927 Cell: 620-305-9900 krecoy@qrcp.net

End of Drilling Report. Thank You!