

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

**ORIGINAL**

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. Smith  
Phone: (620) 431-9500  
Contractor: Name: Michael Drilling  
License: 33783  
Wellsite Geologist: Ken Recoy

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**SEP 17 2009**

**KCC WICHITA**

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>2/19/09</u>	<u>2/20/09</u>	<u>2/21/09</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24546-0000  
County: Labette

\_\_\_\_\_ SW \_\_\_\_\_ NW Sec. 13 Twp. 34 S. R. 18  East  West  
1980 \_\_\_\_\_ feet from S (N) (circle one) Line of Section  
660 \_\_\_\_\_ 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, MARVIN R Well #: 13-1  
Field Name: Cherokee Basin CBM

Producing Formation: NOT YET COMPLETED  
Elevation: Ground: 871 Kelly Bushing: n/a  
Total Depth: 942 Plug Back Total Depth: 921.19  
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 921.19  
feet depth to \_\_\_\_\_ surface w/ 120 \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AH II NR 9-30-09  
(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.

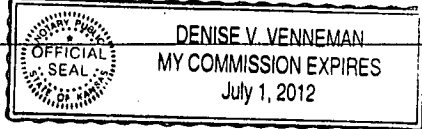
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: Jennifer R. Smith  
Title: New Well Development Coordinator Date: 9/15/09

Subscribed and sworn to before me this 15 day of September, 2009.

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

Operator Name: Quest Cherokee, LLC Lease Name: CARNEY, MARVIN R Well #: 13-1  
 Sec. 13 Twp. 34 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 <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 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"	22	20	"A"	5	
Production	7-7/8"	5-1/2	14.5	921.19	"A"	120	

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 <i>(Amount and Kind of Material Used)</i>	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      METHOD OF COMPLETION      Production Interval

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

# QUEST

Resource Corporation

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

TICKET NUMBER

6806

FIELD TICKET REF #

FOREMAN DwayneSSI 629300

API

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-21-09	Carney 13-1	13	34	18	LB

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Dwayne	6:45	4:00		904850		9.25 hr	<i>[Signature]</i>
Wes	6:45	4:15		831197		9.5 hr	<i>[Signature]</i>
Cory Scott	6:45	4:15		903600		9.5 hr	<i>[Signature]</i>
Mike R	6:45	4:15		904745		9.5 hr	<i>[Signature]</i>
Larry Graham	7:00	3:00		931305		8 hr	
NO DRIVER	7:00	4:00		931414		9 hr	

JOB TYPE Long String HOLE SIZE 7 7/8 HOLE DEPTH 940 CASING SIZE & WEIGHT 5 1/2 / 14.5 LB  
 CASING DEPTH 920.19 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 21.9 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 BPM

## REMARKS:

Faith Arrived 9:45 AM Started casing Down Hole at 10:30.  
 Landed Casing at 12:30 Then Hooked onto Casing and Pump 2 sacks Prem. Gel  
 and Sweep to surface. Then Pump 15 BBr1 dye marker and start cement  
 Pump 180 sacks to get Dye marker Back. Sid and Flush Pump Then Pump  
 Wiper Plug to Bottom and Set Float Shoe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	9.25 hr	Foreman Pickup	
931197	9.5 hr	Cement Pump Truck	
903600	9.5 hr	Bulk Truck	
931414	9 hr	Transport Truck	
	9 hr	Transport Trailer	
904745	9.5 hr	80 Vac	
	920.19	Casing 5 1/2	
	5	Centralizers 5 1/2	
	1	Float Shoe 5 1/2	
	1	Wiper Plug 5 1/2	
	2	Frac Baffles	
	105 Sack	Portland Cement	
	14 Sack	Gilsonite	
	125 Sack	Flo-Seal	
	10 Sack	Premium Gel 7 SACKS IN Load 3 Sacks Ahead of job	
	3 SACK	Cal Chloride	
	1 Gal	KCL	
	8000 Gal	City Water	

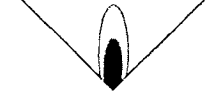
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# QUEST

Resource Corporation



DATE: 2/23/09

Michael Drilling

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

<b>WELL NAME:</b>	Carney, Marvin R.	<b>SECTION:</b>	13	<b>REPORT #:</b>		<b>SPUD DATE:</b>	2/19/2009
<b>WELL #:</b>	13-1	<b>TWP:</b>	34S	<b>DEPTH:</b>	942		
<b>FIELD:</b>	Cherokee Basin	<b>RANGE:</b>	18E	<b>PBTD:</b>			
<b>COUNTY:</b>	Labette	<b>ELEVATION:</b>	871 estimate	<b>FOOTAGE:</b>	1980	<b>FT FROM</b>	North
<b>STATE:</b>	Kansas	<b>API #:</b>	15-099-24546-0000		660	<b>FT FROM</b>	West
							SECTION LINE
							SW NW
							SECTION LINE

Housel

**ACTIVITY DESCRIPTION:**

Michael Drilling, Rick Michael and Duane Martin, drilled to TD 942 ft. on Friday, 02/20/09 at 2:30 p.m.  
 Note: 10 foot rock samples collected for the Kansas Geological Survey (KGS) as required by the State of Kansas.

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Surface Casing @ 20.0 ft.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured	E-Log	COMMENTS: Wet @ 690 ft.
Mulberry Coal	0 mcf/day @	Absent FT.	Gas check at 85 ft. No blow.
Lexington Shale and Coal	0 mcf/day @	174-177 FT.	Gas check at 170 and 213 ft.
Summit Shale & Coal	49 mcf/day @	276-280 FT.	49 mcf/day from this area. Gas check at 278 ft.
Mulky Shale & Coal	67 mcf/day @	305-309 FT.	18 mcf/day from this area. Gas check at 313 ft.
Bevier Coal	67 mcf/day @	376-378 FT.	Gas check at 383 ft.
Iron Post Coal	67 mcf/day @	388-390 FT.	
Verdigris Limestone	67 mcf/day @	406-409 FT.	Upper baffle set at 352.07 ft. Big hole.
#1 Croweburg Coal & Shale	67 mcf/day @	409-414 FT.	
#2 Croweburg Coal & Shale	67 mcf/day @	416-418 FT.	
Fleming Coal	67 mcf/day @	435-437 FT.	
#1 Weir Coal	67 mcf/day @	549-553 FT.	
#2 Weir Coal	67 mcf/day @	602-604 FT.	
Bartlesville Sandstone	47 mcf/day @	poorly developed FT.	Gas check at 690 ft.
Rowe Coal	47 mcf/day @	719-721 FT.	Gas check at 740 ft.
Neutral Coal	47 mcf/day @	Absent FT.	Lower baffle set at 744.83 ft. Small hole.
Upper Riverton Coal	47 mcf/day @	758-759 FT.	
Lower Riverton Coal	69 mcf/day @	789-791 FT.	2 mcf/day from this area. Gas check at 794 ft.
Mississippi Limestone	69 mcf/day @	Top at 803 FT.	Gas check at 811 ft.
TD: 942 ft.	69 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: 920.19 ft. Production Casing was Set by Quest on 02/21/2009.  
 Bottom Logger: 941.70 ft. Driller TD: 940 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	148-174
Oswego Limestone	244-276
Mineral Coal	452-455
Scammon Coal	477-479
Tebo Coal	519-522
Blucjacket Coal	660-662

**CASING RECOMMENDATIONS:** Run 5.5 inch casing / Cement to surface

On Site Supervisor/Representative: Ken Recoy, Senior Geologist, CPG #4630 & #5927 Cell: (620) 305-9900 krecoy@qrcp.net  
 End of Drilling Report. Thank You!