

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

11/17/12

**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: LAMAMCO DRILLING  
License: 34103  
Wellsite Geologist: Ken Recoy

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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. \_\_\_\_\_

7/21/10	7/22/10	7/23/10
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 125-32001-0000  
County: MONTGOMERY  
N2 SE SE SW Sec. 22 Twp. 31 S. R. 17  East  West  
400 feet from (S) / N (circle one) Line of Section  
2310 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: BEACHNER BROS Well #: 22-31-17-3  
Field Name: Cherokee Basin CBM  
Producing Formation: MULTIPLE  
Elevation: Ground: 878 Kelly Bushing: n/a  
Total Depth: 1142 Plug Back Total Depth: 1136.77  
Amount of Surface Pipe Set and Cemented at 21 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 1136.77  
feet depth to surface w/ 180 sx cmt.

**Drilling Fluid Management Plan** *AF II NJ 11-23-10*  
(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: 11/17/10  
Subscribed and sworn to before me this 17<sup>th</sup> day of November,  
20 10.  
Notary Public: Jerra Klauman  
Date Commission Expires: 8-4-2014

**TERRA KLAUMAN**  
Notary Public - State of Kansas  
My Appt. Expires 8-4-2014

**KCC Office Use ONLY**  
 Letter of Confidentiality Received 11/17/10 - 11/17/12  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
UIC Distribution  
**RECEIVED**  
**NOV 18 2010**

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Operator Name: Quest Cherokee, LLC Lease Name: BEACHNER BROS Well #: 22-31-17-3  
 Sec. 22 Twp. 31 S. R. 17  East  West County: MONTGOMERY

**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	21	"A"	4	
Production	7-7/8	5-1/2	14.5	1136.77	"A"	180	

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
4	1008-1011	300gal 15%HCLw/ 63bbis 2%kcl water, 435bbls water w/ 2% KCL, Biocide, 5800# 20/40 sand	1008-1011
4	723-725	300gal 15%HCLw/ 52bbis 2%kcl water, 390bbls water w/ 2% KCL, Biocide, 1100# 20/40 sand	723-725
4	553-557/530-534	300gal 15%HCLw/ 60bbis 2%kcl water, 552bbls water w/ 2% KCL, Biocide, 13200# 20/40 sand	553-557/530-534

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 checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
8/26/10	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	N/A	3	26		

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 \_\_\_\_\_



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DATE: 09/07/2010

LAMAMCO D

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

<b>WELL NAME:</b>	Beachner Bros	<b>SECTION:</b>	22	<b>REPORT #:</b>		<b>SPUD DATE:</b>	7/21/2010
<b>WELL #:</b>	22-31-17-3	<b>TWP:</b>	31S	<b>DEPTH:</b>	1142		
<b>FIELD:</b>	Cherokee Basin	<b>RANGE:</b>	17E	<b>PBTD:</b>			
<b>COUNTY:</b>	Montgomery	<b>ELEVATION:</b>	878 Estimate	<b>FOOTAGE:</b>	400 FT FROM	South	<b>SECTION:</b>
<b>STATE:</b>	Kansas	<b>API #:</b>	15-125-32001-0000		2310 FT FROM	West	<b>SECTION:</b>
						N2SESESW	

Fireside

ACTIVITY DESCRIPTION:

LAMAMCO Drilling, Lowell Atchison, drilled to TD 1142 ft. on Thursday, 07/22/2010 at 4:30 pm.  
Note: The Kansas Geological Survey (KGS) did not required rock samples on this Well.

Surface Casing @ 21.0 ft., 4 sacks cement.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured	E-Log	COMMENTS:
Bandera Shale	20 mcf/day @	290-294 FT	20 mcf/day from this area. Gas test at 410 ft.
Mulberry Coal	22 mcf/day @	419-421 FT	2 mcf/day from Mulberry. Gas test at 430 ft.
Lexington Shale & Coal	22 mcf/day @	447-452 FT	Gas test at 480 ft.
Summit Shale & Coal	28 mcf/day @	530-534 FT	6 mcf/day from Summit. Gas test at 540 ft.
Mulky Shale & Coal	67 mcf/day @	553-557 FT	39 mcf/day from Mulky. Gas test at 560 ft.
Bevier Coal	67 mcf/day @	Absent FT	
Verdigris Limestone	67 mcf/day @	Absent FT	Upper Baffle Set at 586.11 ft. Big hole.
Croweburg Coal & Shale	60 mcf/day @	Absent FT	Gas test at 705 ft.
Fleming Coal	60 mcf/day @	Absent FT	Gas test at 806 ft.
Weir Coal	90 mcf/day @	723-725 FT	23 mcf/day from Weir. Gas test at 881 ft.
Bartlesville Sandstone - shale streaks	90 mcf/day @	Moderately dev. FT	Lower Baffle Set at 937.94 ft. Small hole.
Rowe Coal	97 mcf/day @	Absent FT	7 mcf/day from this area. Gas test at 956 ft. & 1006 ft.
Neutral Coal	97 mcf/day @	Absent FT	
Riverton Coal	103 mcf/day @	1008-1011 FT	6 mcf/day from Riverton. Gas test at 1016 ft.
Mississippi Chat/Limestone	97 mcf/day @	Top at 1020 FT	Gas test at 1031 ft.
TD: 1142 ft.	90 mcf/day @		Gas test 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: 1136.77 ft. Production Casing Set by PostRock.  
Bottom Logger: 1142.30 ft. Driller TD: 1142 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	421-447
Oswego Limestone	498-530

CASING RECOMMENDATIONS: Run 5.5 inch casing / Cement to surface

On Site Supervisor/Representative: Ken Recoy, Senior Geologist, AAPG CPG #5927 Cell: 620-305-9900 krecov@pslr.com  
End of Geology Brief. Thank You!

End of Drilling Report

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# QUEST

Resource Corporation

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

D10017

AFC D10017

NOV 17 2010

231

TICKET NUMBER 928 6951

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

FOREMAN Joe Blawie

SSI \_\_\_\_\_

API 15-125-32001

**CONFIDENTIAL**  
**STATEMENT REPORT**  
**& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7-23-10	Bearhawk Bros 22-31-17-3	22	31	17	Montgomery

  

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blawie	7:00	1:30		904850		6.5	Joe Blawie
Darrell Cherry	7:00	↓		903255		↓	Darrell Cherry
Jeff Mitchell	7:00	↓		903600		↓	Jeff Mitchell
Curt Collins	7:00	↓		931585	931597	↓	Curt Collins

JOB TYPE Log Slows HOLE SIZE 7 7/8 HOLE DEPTH 1142 CASING SIZE & WEIGHT 5 1/2 16#  
 CASING DEPTH 1136.77 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 145 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 27.06 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4bpm

REMARKS:  
Run 1136.77 Ft 5 1/2" Casing in hole. Installed Cement head Run 4 SKS gel & 18hbl dye & 180 SKS of cement to get dye to surface. Flush pump. Pump wiper plug to bottom & set float shoe.

Cement to surface

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	6.5 hr	Foreman Pickup	
903255	6.5 hr	Cement Pump Truck	
903600	6.5 hr	Bulk Truck	
	6.5 hr	Transport Truck	
	6.5 hr	Transport Trailer	
		80 Vac	
	1136.77 Ft	Casing	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4" # 4 1/2	
	150 SK	Portland Cement	
	40 SK	Gilsonite	
	1 SK	Flo-Seal	
	16 SK	Premium Gel	
	6 SK	Cal Chloride	
		KCL	
		City Water	
931585	6.5	Casing tractor	
932895	6.5	Casing trailer	

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