

**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. \_\_\_\_\_  

7/24/10	7/27/10	7/28/10
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 099-24606-0000  
County: LABETTE  
\_\_\_\_\_ NW SE Sec. 14 Twp. 31 S. R. 17  East  West  
1980 \_\_\_\_\_ feet from S / N (circle one) Line of Section  
1980 \_\_\_\_\_ feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: PHILLIPS, CALVIN D Well #: 14-1  
Field Name: Cherokee Basin CBM  
Producing Formation: MULTIPLE  
Elevation: Ground: 900 Kelly Bushing: n/a  
Total Depth: 1108 Plug Back Total Depth: 1092.91  
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 1092.91  
feet depth to surface w/ 165 sx cmt.

**Drilling Fluid Management Plan** ATTN: 12310  
(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 207B, 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 17th day of November,  
2010.  
Notary Public: Terra 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: PHILLIPS, CALVIN D Well #: 14-1
Sec. 14 Twp. 31 S. R. 17 [X] 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 [X] No
Samples Sent to Geological Survey [ ] Yes [X] No
Cores Taken [ ] Yes [X] No
Electric Log Run [X] Yes [ ] No
List All E. Logs Run:

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

Compensated Density Neutron Log
Dual Induction Log

CASING RECORD table with columns: 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. Rows for Surface and Production.

ADDITIONAL CEMENTING / SQUEEZE RECORD table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type table with columns: 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.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run [ ] Yes [ ] No.

Date of First, Resumerd Production, SWD or Enhr. Producing Method [ ] Flowing [X] Pumping [ ] Gas Lift [ ] Other (Explain)

Estimated Production Per 24 Hours table with columns: Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas METHOD OF COMPLETION Production Interval
[ ] Vented [X] Sold [ ] Used on Lease [ ] Open Hole [X] Perf. [ ] Dually Comp. [ ] Commingled
[ ] Other (Specify)



PostRock

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DATE: 08/19/2010

LAMAMCO Drilling

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

WELL NAME:	Phillips, Calvin D.	SECTION:	14	REPORT #:		SPUD DATE:	7/24/2010 Saturday
WELL #:	14-1	TWP:	31S	DEPTH:	1108		
FIELD:	Cherokee Basin	RANGE:	17E	IPBD:			
COUNTY:	Labette	ELEVATION:	900 Estimate	FOOTAGE:	1980 FT FROM	South	SECTION LINE
STATE:	Kansas	API #:	15-099-24606-0000		1980 FT FROM	East	SECTION LINE
						NW SE	

Fireside

ACTIVITY DESCRIPTION: Road location - HW400 & Brown, S&W into

LAMAMCO Drilling, Lowell Atchison, drilled to TD 1108 ft. on Tuesday, 07/27/2010 at 10:00 am.

Note: The Kansas Geological Survey (KGS), The State of Kansas, did not require Rock Samples on this Well.

Surface Casing @ 21.0 ft., 4 sacks of cement.

Surface Casing Size: 8 5/8"

GAS SHOWS:	Gas Measured	E-Log	COMMENTS: Wet at 483 ft.
Mulberry Coal - traces	0 mcf/day @	438-440 FT.	
Lexington Shale & Coal	37 mcf/day @	469-474 FT.	37 mcf/day from this area. Gas test at 505 ft.
Summit Shale & Coal	45 mcf/day @	540-544 FT.	8 mcf/day from Summit. Gas test at 550 ft.
Mulky Shale & Coal	45 mcf/day @	565-569 FT.	Gas test at 573 ft.
Bevier Coal	45 mcf/day @	600-602 FT.	
Verdigris Limestone	45 mcf/day @	621-624 FT.	Upper Baffle set at 681.75 ft. Big hole.
Croweburg Coal & Shale	45 mcf/day @	624-627 FT.	
Fleming Coal	68 mcf/day @	670-672 FT.	23 mcf/day from this area. Gas test at 705 ft.
Weir Coal	68 mcf/day @	754-756 FT.	
Bartlesville Sandstone - bleeding oil	68 mcf/day @	858-887 FT.	Gas test at 895 ft.
Rowe Coal	68 mcf/day @	913-915 FT.	Lower Baffle set at 778.14 ft. Small hole.
Neutral Coal	68 mcf/day @	920-922 FT.	
Riverton Coal	68 mcf/day @	977-979 FT.	Gas test at 878 ft.
Mississippi Chat/Limestone	94 mcf/day @	Top at 983 FT.	26 mcf/day from this area. Gas test at 990 ft.
TD: 1108 ft.	97 mcf/day @		3 mcf/day from Mississippi. 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: 1092.91 ft. Production Casing Set by PostRock.

Bottom Logger: 1108.00 ft. Driller TD: 1106 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	439-469
Oswego Limestone - thin	523-540
Mineral Coal	684-686
Tebo Coal	739-744

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@psr.com

End of Geology Brief. Thank You!

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# QUEST

Resource Corporation

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

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TICKET NUMBER

6955

FIELD TICKET REF #

FOREMAN Joe Blanchard

SSI 629420

API 15-099-24606

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## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY		
7-28-10	Phillips Calvin 14-1	14	31	17	LB		
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	7:00	12:30		904850		5.5	Joe Blanchard
Curt Collins	7:00	12:30		903255			Curt Collins
Darrell Chung	7:00	12:30		903255			Darrell Chung
NO DRIVER				903600			

JOB TYPE hangstems HOLE SIZE 7 7/8 HOLE DEPTH 1108 CASING SIZE & WEIGHT 5 1/2 16 lb  
 CASING DEPTH 1092.91 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 26.02 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

Installed Cement head RAW 4 SKS gel & 18 bbl dye & 165 SKS of cement to get dye to surface. Flush pump. Pump wiper plug to bottom of set Float shoe

Cement to surface

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904850	5.5 hr	Foreman Pickup	
903255	5.5 hr	Cement Pump Truck	
903600	5.5 hr	Bulk Truck	
903414	1 hr	Transport Truck	
	1 hr	Transport Trailer	
	1 hr	80 Vac	
	1092.91 Ft	Casing	
	6	Centralizers	
	1	Float Shoe	
	1	Wiper Plug	
	2	Frac Baffles 4" x 4 1/2"	
	135 SK	Portland Cement	
	30 SK	Gilsonite	
	1 SK	Flo-Seal	
	14 SK	Premium Gel	
	5 SK	Cal Chloride	
		KCL	
	7000 gal	City Water	

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