

**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 Oilfield Service, LLC  
Address: 211 W. 14th Street  
City/State/Zip: Chanute, KS 66720  
Purchaser: Bluestem Pipeline, LLC  
Operator Contact Person: Richard Marlin  
Phone: (620) 431-9500  
Contractor: Name: Well Refined Drilling Company  
License: 33072

Wellsite Geologist: n/a

Designate Type of Completion:

New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     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>11/3/04</u>	<u>11/5/04</u>	<u>11/24/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-25910-0000  
County: Wilson  
\_\_\_\_\_ - \_\_\_\_\_ NW- NW Sec. 5 Twp. 30 S. R. 17  East  West

660 feet from S / (N) (circle one) Line of Section  
510 feet from E / (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW

Lease Name: Berg, Randy W. Well #: 5-1

Field Name: Cherokee Basin CBM

Producing Formation: Summit/Mulky

Elevation: Ground: 870 Kelly Bushing: \_\_\_\_\_

Total Depth: 1065 Plug Back Total Depth: 1060.13'

Amount of Surface Pipe Set and Cemented at 20' 5" Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 1060.13

feet depth to surface w/ 122 sx cmt.

*ACT II W/AM 2-22-07*

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

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**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: Richard Marlin  
Title: Chief Operating Officer Date: 4/7/05

Subscribed and sworn to before me this 7th day of April, 2005.

Notary Public: Jennifer R. Houston  
Date Commission Expires: 7/30/05

**JENNIFER R. HOUSTON**  
Notary Public - State of Kansas  
My Appt. Expires 7/30/05

**KCC Office Use ONLY**

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

Operator Name: Quest Cherokee Oilfield Service, LLC Lease Name: Berg, Randy W. Well #: 5-1  
 Sec. 5 Twp. 30 S. R. 17  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)

List All E. Logs Run:

Comp Density/Neutron  
 Dual Induction  
 Gamma Ray/Neutron Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
	Name	Top Datum
	Lenapah Lime	352 +518
	Altamont Lime	391 +479
	Pawnee Lime	513 +357
	Oswego Lime	582 +288
	Verdigris Lime	Absent Absent
	Mississippi Lime	1027-1/2 -157-1/2

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"	24.75#	20' 5"	"A"	4sx	
Production	6 3/4"	4 1/2"	10.5#	1060.13'	"A"	122sx	

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
4	607.5-611 & 623-628	493 bbls & 13000# 20/40 Sand	607.5-611 & 623-628
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TUBING RECORD		Size	Set At	Packer At	Liner Run
Waiting on pipeline					<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 \_\_\_\_\_

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-24-04		<u>Betty Rand, W # 5-1</u>	<u>5</u>	<u>305</u>	<u>17E</u>	<u>W6</u>

FOREMAN OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRUCK HOURS	EMPLOYEE SIGNATURE
<u>John M</u>	<u>6:25</u>	<u>3:33</u>	<u>No</u>	<u>348</u>	<u>5</u>	<u>[Signature]</u>
<u>Wes T</u>	<u>7:20</u>	<u>2:44</u>	<u>No</u>	<u>197</u>	<u>5</u>	<u>[Signature]</u>
<u>Jimmy H</u>	<u>6:43</u>	<u>2:46</u>	<u>No</u>	<u>103</u>	<u>5</u>	<u>[Signature]</u>
<u>Tim A</u>	<u>6:55</u>	<u>2:47</u>	<u>No</u>	<u>140</u>	<u>5</u>	<u>[Signature]</u>
<u>Rodney A</u>	<u>6:50 AM</u>	<u>1:36 PM</u>	<u>No</u>	<u>286</u>	<u>5</u>	<u>[Signature]</u>

LOG TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 1085 CASING SIZE & WEIGHT 4 1/2 / 10.5  
 CASING DEPTH 1060 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.9 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 16.8 DISPLACEMENT PSI 550 MIX PSI 50 RATE \_\_\_\_\_

REMARKS: Circulate with fresh H<sub>2</sub>O. Run 2 Gel ahead. Run 12 BBL Dye with 15 Gallons Sodium Silicate. Cement until Dye returns. Flush pump, pump plug with K.C.W. Water. Set float shoe.  
Deer on location to move crews in, around, and out of location.  
Super clean hole, Soap present in open hole while running gel.  
Not many cuttings in gel slight cuttings brought up in scavenger cement.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	<u># 348</u>	<u>Foreman Pickup</u>		
	<u># 197</u>	<u>Cement Pump Truck</u>		
	<u># 103</u>	<u>Bulk Truck</u>		
1110	<u>12 sks</u>	<u>Gilsonite</u>		
1107	<u>1 sks</u>	<u>Flo-Seal</u>		
1118	<u>2 sks</u>	<u>Premium Gel</u>		
1215A	<u>1 gal</u>	<u>KCL</u>		
1111B	<u>15 gals</u>	<u>Sodium Silicate</u>		
1123	<u>5,670 gals</u>	<u>City Water 135 BBLs</u>		
	<u># 140</u>	<u>Transport</u>		
	<u># 286</u>	<u>80 Vac</u>		
	<u>121 sks</u>	<u>Cement 122 sks w/additives</u>		
	<u>w/out additives</u>			
			SALES TAX	
			ESTIMATED	
			TOTAL	

Cementing Report

Date: 11-24-04

Well: Berg, Randy #5-1 Legals S-305-17E Wilson Co.

RE: Run & Cement Longstring-Notified Becke at KCC Office- 11/23/04 @ 1:45 AM (PM)

Time:

- 1 7:30 AM Team- -on location and rig up
- 2 8:15 AM Buckeye on location and spot casing trailer
- 4 9:05 AM Team- -TIH w/ 1060.13 ft of casing
- 3 8:50 AM QCOS on location and rig up
- Team- -Hit fill approx. 0 ft from T.D.
- 6 10:20 AM QCOS wash casing to T.D. and circulate 2 sks gel to surface  
was 4 time w/ gel 10:20 AM - 10:40 AM (20 min) super clean hole.
- 5 10:15 AM Team- -Land casing
- 7 10:30 AM Team- -Rig down and off location
- 8 11:00 AM QCOS- pump- Circulate W/ fresh H2O, run 12 bbl dye with 15 gal sodium silicate, cement until dye return, flush pump, pump plug W/ KCL water, set float shoe  
super clean hole, opened to 60 500g in pit and open hole. Slight cuttings brought up in scavenger cement 2 gel cycles
- 9 12:00 pm QCOS Rig down and off location

CEMENT SLURRY:

Total Cement: 122 sks  
 Cement blend: OWC, 5# Gilsonite, 1/4# Flo-Seal  
 Cement slurry weight: 13.9  
 Average Surface Pressure:

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Running cement circulation pressure: 50  
 Pumping plug circulation pressure: 550  
 Circulation during job: Hit & Miss at end of cementing.  
otherwise - Good.

HOLE/CASING/FLOAT EQUIPMENT SUMMARY:

Hole Size & Depth: 6 3/4"- 1065'  
 Casing Size & Depth: New 4 1/2" 10.5# per/ft. Range 3-plus shoe- 1060.13

<u>1023</u>	Centralizer
<u>852</u>	Basket
<u>639</u>	Centralizer
<u>426</u>	Basket
<u>170</u>	Centralizer
1 ea	4 1/2" Latch-Down Float Shoe w/ Notch Collar on bottom & 4 1/2" Latch-Down Plug

Dozer on location to move all crews in and out from the road. fairly muddy pasture location.