

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

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 1600 EXT. 15  
 Contractor: Name: TXD  
 License: 33837  
 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. \_\_\_\_\_  

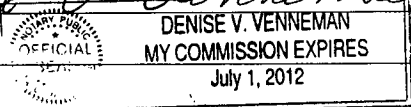
<u>10-23-07</u>	<u>10-31-07</u>	<u>11-01-07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-133-27179-0000  
 County: Neosho  
W/2 SE NE Sec. 31 Twp. 27 S. R. 20  East  West  
1980 feet from S (N) (circle one) Line of Section  
990 feet from (E) W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) (NE) SE NW SW  
 Lease Name: Roberts, Max D. Well #: 31-1  
 Field Name: Cherokee Basin CBM  
 Producing Formation: Multiple  
 Elevation: Ground: 1015 Kelly Bushing: n/a  
 Total Depth: 1035 Plug Back Total Depth: 1018.96  
 Amount of Surface Pipe Set and Cemented at 22 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 1018.96  
 feet depth to surface w/ 135 112-Dlg-1/29/09 <sup>sx cmt.</sup>

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

**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: 12-18-08  
 Subscribed and sworn to before me this 18th day of December,  
2008.  
 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

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 KANSAS CORPORATION COMMISSION  
**DEC 19 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Roberts, Max D. Well #: 31-1  
 Sec. 31 Twp. 27 S. R. 20  East  West County: Neosho

**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:  <b>Compensated Density Neutron Log</b> <b>Dual Induction Log</b>	<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	22	"A"	5	
Production	7-7/8	5-1/2	14.5	1018.96	"A"	135	

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	914-916/858-860/852-854	500gal 15%HCLw/ 87bbls 2%KCl water, 648bbls water w/ 2% KCL, Blockade, 6100# 20/40 sand	914-916/858-860  852-854
4	756-758/651-653/618-621	300gal 15%HCLw/ 96bbls 2%KCl water, 627bbls water w/ 2% KCL, Blockade, 6400# 20/40 sand	756-758/651-653  618-621
4	511-515/500-504	300gal 15%HCLw/ 91bbls 2%KCl water, 628bbls water w/ 2% KCL, Blockade, 6100# 20/40 sand	511-515/500-504

TUBING RECORD		Size <u>2-3/8"</u>	Set At <u>956</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>11-28-07</u>		Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>7mcf</u>	Water Bbls. <u>0bbls</u>	Gas-Oil Ratio	Gravity

Disposition of Gas  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

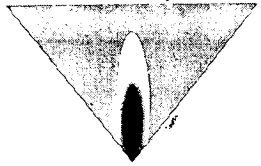
METHOD OF COMPLETION  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

*(If vented, Submit ACO-18.)*

# QUEST

Resource Corporation



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

*Ken  
Dun  
12/19/08*

TICKET NUMBER **2554**

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

FOREMAN Joe

624220

## TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-1-07	Roberts MAX D.31-1	31	27	20	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe	6:45	11:00		903427		4.25	<i>Joe Blanchard</i>
MAverick	7:00			903197		4	120
Tyler	7:00			903600		4	<i>Tyler</i>
Tim	6:45			903140	932452	4.25	<i>Tim</i>
Daniel	6:45	✓		931420		4.25	<i>Daniel</i>

JOB TYPE Longstrins HOLE SIZE 6 3/4 HOLE DEPTH 1035 CASING SIZE & WEIGHT 4 1/2 10.5  
 CASING DEPTH 1018.96 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.2 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 16.25 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

Installed cement head RAN 2 SKS gel & 10 bbl dye & 1 SK gel & 135 SKS of cement  
 To get dye to surface. flush pump. Pump wiper plug to bottom of set float shoe.

1018.96	Ft 4 1/2 Casing
6	Centralizer
1	4 1/2 Float shoe

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903427	4.25 hr	Foreman Pickup	
903197	4 hr	Cement Pump Truck	
903600	4 hr	Bulk Truck	
1104	125 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement	
1126	1	OWC Blend Cement	
1110	26 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	6 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate	
1123	7000 gal	City Water	
903140	4.25 hr	Transport Truck	
932452	hr	Transport Trailer	
931420	↓ hr	80 Vac	

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CONSERVATION  
WICHITA

# QUEST

Resource Corporation

DATE: 10/31/07

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

TXD Drilling

WELL NAME:	Roberts, Max D	SECTION:	11	REPORT #:		SPUD DATE:	10/23/2007
WELL #:	31-1	TWP:	27S	DEPTH:	1035		
FIELD:	Cherokee Basin	RANGE:	20E	FBTD:			
COUNTY:	Neosho	ELEVATION:	1015	FOOTAGE:	1980 FT FROM	North	LINE
STATE:	Kansas	API #:	15 133 27179-0000		290 FT FROM	East	CINE
						W/2 SE NE	

## ACTIVITY DESCRIPTION:

TXD Drilling, Chris Espe and Joe Chaloupek, drilled to TD 1035 ft. on Wednesday, 10/31/07 at 9:00 a.m.

Surface casing @ 22.0 ft.

Surface casing size: 8 5/8"

## GAS SHOWS:

	Gas Measured		COMMENTS: Wet 949 ft.
Minberry Coal	0 mcf/day @	387-389 FT.	Gas check at 405 ft. No blow.
Lexington Shale and Coal	0 mcf/day @	432-434 FT.	
Summit Shale & Coal	0 mcf/day @	498-504 FT.	
Muddy Shale & Coal	0 mcf/day @	511-514 FT.	GCS. Gas check at 529 ft.
Bever Coal	0 mcf/day @	592-594 FT.	Upper baffle set at 549.50 ft. Big hole.
Verdigris Limestone	0 mcf/day @	615-617 FT.	
Croweburg Coal & Shale	0 mcf/day @	617-621 FT.	Gas check at 622 ft. Slight blow.
Plenine Coal	9 mcf/day @	650-652 FT.	9 mcf/day from this area. Gas check at 684 & 715 ft.
#1 Weir Coal	9 mcf/day @	718-726 FT.	GCS. Gas check at 748 ft.
#2 Weir Coal	9 mcf/day @	756-758 FT.	GCS. Gas check at 777 & 839 ft.
Wardsville Sand	9 mcf/day @	Poorly developed FT.	Lower baffle set at 784.39 ft. Small hole.
Rowe Coal	9 mcf/day @	852-854 FT.	
Neutral Coal	11 mcf/day @	858-860 FT.	2 mcf/day from this area. Gas check at 870 & 901 ft.
Riverton Coal	11 mcf/day @	913-916 FT.	
Mississippi	11 mcf/day @	Top at 929 FT.	GCS. Gas check at 932 & 963 ft.
TD: 1035 ft.	0 mcf/day @		No blow at TD.

Note: Water coming into the hole from zones drilled affects Drilling &amp; Gas Tests, and 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 Gas measured.

Bottom of Production Pipe Tally sheet: 1018.96 ft.

Bottom Logger: 1034.70 ft.

Driller TD: 1035 ft.

Shoe &amp; Centralizer Set on bottom joint &amp; Centralizers Set every 3 joints to surface.

## OTHER COMMENTS:

Information in this report was taken directly from the Driller's hand written notes, Geologist's 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 TVI only.

Lawrence LS / Pink	389-437
Oswego Coal	476-478
Oswego Limestone	478-498
Mineral Coal	665-668
Robt Coal	708-710
Simsy Black Shale / Coal	874-876

## CASING RECOMMENDATIONS:

Run casing / Cement to surface

On Site Representative: Ken Recoy, Senior Geologist, CPG #4630 & #5927 Cell: (620) 305-9900 krecoy@qrcp.net

Kind of Drilling Report: Thank You!

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WICHITA, KS