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, Ammann
Phone: (620) 431-9500
Contractor: Name: Well Refined Drilling Company
License: 33072
Wellsite Geologist: Ken Recoy

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.

3/16/06	3/22/06	3/27/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26545-00-00
County: Neosho
__ - __ - ne - sw Sec. 16 Twp. 30 S. R. 19 ✓ East ☐ West
2050 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: Trout Earl R. Well #: 16-1
Field Name: Cherokee Basin CBM
Producing Formation: Multiple
Elevation: Ground: 960 Kelly Bushing: n/a
Total Depth: 980 Plug Back Total Depth: 976.25
Amount of Surface Pipe Set and Cemented at 21' 7" Feet
Multiple Stage Cementing Collar Used? ☐ Yes ✓ No
If yes, show depth set ____ Feet
If Alternate II completion, cement circulated from 976.25
feet depth to surface w/ 121 sx cmt.
Alt 2 - Dlg - 12/12/08

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. Ammann
Title: New Well Development Coordinator Date: 7/13/06
Subscribed and sworn to before me this 13 day of July,
2006.
Notary Public: Denise V. Venneman
Date Commission Expires: 7-1-08

DENISE V. VENNEMAN
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES 7-1-08

KCC Office Use ONLY
N Letter of Confidentiality Received
If Denied, Yes ☐ Date:
____ Wireline Log Received
____ Geologist Report Received
____ UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION
JUL 14 2006
CONSERVATION DIVISION
WICHITA, KS

Side Two

Operator Name: Quest Cherokee, LLC Lease Name: Trout Earl R. Well #: 16-1

Sec. 16 Twp. 30 S. R. 19 ☑ 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 ☐ 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:

Gamma Ray/Neutron Log
Dual Induction Log
Comp. Density Neutron Log

☑ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum
See attached

CASING RECORD ☐ New ☐ 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"	20#	21' 7"	"A"	4	
Production	6-3/4"	4-1/2	10.5#	976.25	"A"	121	

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: ___ Perforate ___ Protect Casing ___ Plug Back TD ___ Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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	882-884/823-825	400gal 15%HCLw/ 41 bbls 2%kcl water, 376bbls water w/ 2% KCL, Biocide, 6000# 30/70 sand	882-884/823-825
4	618-620/601-603/570-573/544-546	400gal 15%HCLw/ 38 bbls 2%kcl water, 589bbls water w/ 2% KCL, Biocide, 12000# 30/70 sand	618-620/601-603
			570-573/544-546
4	452-456/439-443	400gal 15%HCLw/ 50 bbls 2%kcl water, 540bbls water w/ 2% KCL, Biocide, 12600# 20/40 sand	452-456//439-443

TUBING RECORD Size	Set At	Packer At	Liner Run
2-3/8"	899.8	n/a	☐ Yes ☑ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
7/1/06	☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	9.8mcf	61.3bbls		

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☑ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled _____
☐ Other *(Specify)* _____

QUEST
Resource Corporation

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

TICKET NUMBER 1342
FIELD TICKET REF # [redacted]
FOREMAN Joe

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-27-06	TROUT EARL 16-1	16	30	19	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe. B	11:15	1:30		903388		2.25	Joe Beaudoin
Tim. A				903197			
Craig. G				903230			
David. C				903139	932452		
Mac. M				930500			
MAverick. D				extra			

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 980 CASING SIZE & WEIGHT 4 1/2 10.5
CASING DEPTH 976.25 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
DISPLACEMENT 15.57 DISPLACEMENT PSI _____ MIX PSI _____ RATE 3.8

REMARKS:
Ran 15K premgel Swivel to surface. Installed cement head Ran 1.5K premgel & 10 bbl dye & 128 SKS of cement to get dye to surface. Flush pump pumped wiper plug to bottom & set Float shoe

	976.25	Ft 4 1/2 Casing
	4	Centralizers
	1	4 1/2 Weld on collar
931310	1.5 hr	Casing tractor
930804	1.5 hr	Casing trailer

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903388	2.25 hr	Foreman Pickup	
903197	2.25 hr	Cement Pump Truck	
903230	2.25 hr	Bulk Truck	
1104	121 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement Baffles 3 1/2" & 3"	
1126	1	OWC - Blend Cement Wiper plug	
1110	13 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	2 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate Calchloride	
1123	7000 gal	City Water	
903139	2.25 hr	Transport Truck	
930804	2.25 hr	Transport Trailer	
930500	2.25 hr	80 Vac	
Ravin 4513	1	4 1/2 Floatshoe	

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KANSAS CORPORATION COMMISSION
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CONSERVATION DIVISION
WICHITA, KS

Well Refined Drilling Company, Inc.

4230 Douglas Rd. - Thayer, KS 66776
Contractor License # 33072 -
620-839-5581 Office; 620-432-6170 Jeff's Pocket; 620-839-5582 FAX

Rig #:	1	Lic # 33344	S. 16	T. 30S	R. 19E
API #:	15-133-26545-00-00				NE, SW
Operator:	Quest Cherokee, LLC				Neosho
Address:	9520 North May Avenue - Suite 300				
	Oklahoma City, OK 73120				
Well #:	16-1	Lease Nam Trout, Earl R.			
Location:	2050	ft. from S Line			
	1980	ft. from W Line			
Spud Date:	3/16/2006				
Date Completed:	3/22/2006	TD: 980			
Driller:	Montee Scott				

Casing Record	Surface	Production
Hole Size	12 1/4"	6 3/4"
Casing Size	8 5/8"	
Weight		
Setting Depth		
Cement Type	Portland	
Sacks	4	
Feet of Casing	21' 7"	

Date	Notations

Geologist:

Gas Tests			
Depth	Oz.	Orfice	flow - MCF
230		No Flow	
305		No Flow	
380		No Flow	
480		No Flow	
580	5	3/8"	7.9
605	Gas Check Same		
780	Gas Check Same		
805	Gas Check Same		
830	Gas Check Same		
855	Gas Check Same		
885	Gas Check Same		
905	6	3/4"	34
930	Gas Check Same		

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	2	OB	367	368	shale	598	619	shale
2	11	clay	368	370	blk shale	619	620	Mineral- coal
11	40	lime	370	375	shale	620	641	shale
40	147	shale	375	376	coal	641	652	sand
147	150	lime	376	382	sand	652	670	shale
150	195	shale	382	420	sandy/ shale	670	671	Tebo- coal
195	196	blk shale	420	422	lime	671	695	shale
196	218	shale	422	447	Osego- shale	695	704	Bartlesville- sand
218	227	lime	447	453	Mulky- blk sh	704	759	shale
227	231	shale	453	457	shale	759	760	Bluejacket- coal
231	242	lime	457	480	sand	760	767	shale
242	260	shale	480	485	sandy/ shale	767	768	Drywood- coal
260	291	sand	485	542	shale	768	796	shale
291	334	shale	542	543	Bevier- coal	796	809	sand
334	335	Mulberry- coa	543	571	shale	809	819	Laminated sand
335	358	Pink- lime	571	572	Crowburg- co	819	821	Rowe- coal
358	361	Lexington- sh	572	597	shale	821	841	shale
361	367	lime	597	598	Fleming- coal	841	843	coal

Operator: Quest Cherokee, LLC Lease Name: Trout, Earl R. Well # 16-1 page 2

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
843	881	shale						
881	884	Riverton- coal						
884	889	shale						
889	980	Mississippi- lime						
980		Total Depth						

Notes: **06LC-032206-R1-024-Trout, Earl R. 16-1 - Quest**

Keep Drilling - We're Willing!!

QUEST
Resource Corporation

DATE: 3-22-06

Data from Driller's Log **Well Refined Drilling Co. - Rig #1**

WELL NAME:	Trout Earl R.	**SECTION:**	16	**REPORT #:**		**SPUD DATE:**	3/16/2006	
WELL #:	16-1	**TWP:**	30S	**DEPTH:**	980			
FIELD:	Cherokee Basir	**RANGE:**	19E	**PBTD:**				
COUNTY:	Neosho	**ELEVATION:**	960	**FOOTAGE:**	2050	**FT FROM**	South	**LINE**
STATE:	Kansas	**API #:**	15-133-26545-00-00		1980	**FT FROM**	West	**LINE**
							NE SW	

ACTIVITY DESCRIPTION:

Well Refined Drilling, Monty Scott, drilled to TD 980 ft on 3-22-06.

GAS SHOWS:	**Gas Measured**			**COMMENTS:**
Mulberry Coal	**0** mcf/day @	**334-335**	FT.	
Lexington Shale and Coal	**0** mcf/day @	**358-361**	FT.	Gas check at 380 ft. No flow
Summit Shale & Coal	**0** mcf/day @		FT. *	
Mulky Shale & Coal	**0** mcf/day @	**450-453**	FT.	GCS. Gas chedk at 480 ft
Bevier Coal	**0** mcf/day @	**542-543**	FT.	
Verdigris Limestone	**0** mcf/day @		FT. *	
Croweburg Coal & Shale	**8** mcf/day @	**571-572**	FT.	8 mcf/ day from thiis area. Gas check at 580 ft
Fleming Coal	**8** mcf/day @	**597-598**	FT.	GCS.Gas check at 605 ft
Weir Coal	**8** mcf/day @		FT. *	
Bartlesville Sand	**8** mcf/day @	**695-704**	FT.	GCS. Gas check at 780 ft & 805 ft
Rowe Coal	**8** mcf/day @	**819-821**	FT.	GCS. Gas check at 830 ft
Neutral Coal	**8** mcf/day @		FT. *	GCS. Gas check at 855 ft
Riverton Coal	**8** mcf/day @	**881-884**	FT.	GCS. Gas check at 885 ft
Mississippi	**34** mcf/day @	**Top at 889**	FT.	26 mcf/ day from this area. Gas check at 905 ft
Mississippi	**34** mcf/day @			GCS. Gas check at 930 ft
TD: 980 ft	**34** mcf/day @			GCS. Gas check at TD 980 ft

***Zone not identifiable from Driller's handwritten notes.**

Formation Tops and Casing Recommendation made without benefit of viewing open-hole logs first.

Surface Casing @ 21' 7"

Surface Casing Size: 8 5/8"

OTHER COMMENTS:

Information in this report was taken directly from the Drillers hand written notes. All depths and orifice checks reflect what the driller recorded during drilling activities. Below Zones fyi only.

Pawnee LS / Pink	335-358
Stray Coal	368-370
Stray Coal	375-376
Oswego Limestone	420-450
Mineral Coal	619-620
Tebo Coal	670-671
Bluejacket Coal	759-760
Drywood Coal	767-768
Stray Coal	841-843

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

On Site Representative: **Ken Recoy, Senior Geologist, CPG #4630** **Thank you!** krecoy@qrcp.net

End of Drilling Report. Thank You!