

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

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: MOKAT  
License: 5831

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>2/1/06</u>	<u>2/2/06</u>	<u>2/8/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26518-0000  
County: Neosho  
\_\_\_\_\_ ne ne Sec. 35 Twp. 28 S. R. 17  East  West  
675 feet from S / N (circle one) Line of Section  
625 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Umbarger, M. Keith Well #: 35-2A  
Field Name: Cherokee Basin CBM  
Producing Formation: multiple  
Elevation: Ground: 1032 Kelly Bushing: n/a  
Total Depth: 1258 Plug Back Total Depth: 1247.22  
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 1247.22  
feet depth to surface w/ 140 \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** AH II NR  
(Data must be collected from the Reserve Pit) 11-4-08  
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: 5/31/06  
Subscribed and sworn to before me this 31 day of May,  
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**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
RECEIVED  
KANSAS CORPORATION COMMISSION  
JUN 01 2006  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: Umbarger, M. Keith Well #: 35-2A  
 Sec. 35 Twp. 28 S. R. 17  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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	See Attached		
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:	Comp. Density/Neutron Log Dual Induction log Gamma Ray Neutron 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"	20#	21' 7"	"A"	4	
Production	6-3/4"	4-1/2"	10.5#	1247.22	"A"	140	

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 <i>(Amount and Kind of Material Used)</i>	Depth
4	1156-1160/1107-1108/1100-1102/892-894/851-854/831-833	400gal 15% HCL w/ 29 bbls 2% kcl water, 360bbls water w/ 2% KCL, Blockde 6000# 20/40 sand	1156-1160/1107-1108
4	766-770/752-756		1100-1102
		500gal 15% HCL w/ 44 bbls 2% kcl water, 500bbls water w/ 2% KCL, Blockde 9200# 20/40 sand	892-894/851-854
			831-833
		400gal 15% HCL w/ 68 bbls 2% kcl water, 464bbls water w/ 2% KCL, Blockde 9100# 20/40 sand	766-770/752-756

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"	1206	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
3/23/06			<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	n/a	28mcf	91.7bbls		

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	

**RECEIVED**  
 KANSAS CORPORATION COMMISSION  
**JUN 01 2006**  
 CONSERVATION DIVISION  
 WICHITA, KS

Mokat Drilling	Driller's Log	Umbarger 35-2A
Casing Used 21'7" 8-5/8"	Size of Hole 6-3/4"	
0	3	Dirt
3	21	Limey Clay
21	138	Sandy Shale/Lime
138	153	Lime
153	156	Black Shale
156	182	Sand/Sandy Shale
182	186	Lime
186	190	Limey Shale
190	207	Sandy Shale
207	209	Lime
209	210	Black Shale
210	220	Sandy Shale
220	246	Shale/Lime Streaks
246	291	Lime
291	295	Shale
295	319	Lime
319	322	Black Shale
322	328	Lime
328	350	Sand
350	366	Sandy Shale
366	375	Lime
375	378	Black Shale
378	392	Lime
392	402	Black Shale (Water)
402	450	Lime
450	540	Shale
540	550	Sandy Shale
550	560	Lime
560	575	Sand
575	626	Sandy Shale
604		Gas Test (No gas)
626	628	Coal
628	629	Shale
629	693	Lime (Pawnee)
693	695	Coal
695	725	Shale
725	729	Lime (Oswego)
729		Gas Test (No gas)
729	732	Black Shale
732	752	Lime
752	760	Black Shale
760	766	Lime
766	768	Coal
768	771	Shale
771	773	Lime
773	790	Shale
781		Gas Test (3# 1/8")
790	791	Coal?
791	810	Shale
810	825	Sandy Shale
825	826	Coal
826	850	Sandy Shale
850	852	Lime
852	880	Sandy Shale/Sand
880	905	Shale
905	907	Coal?
907	958	Shale
958	959	Coal?
959	1016	Sandy Shale/Sand
960		Gas Test (Same)
1016	1019	Coal
1019	1054	Shale
1054	1060	Black Shale/Coal?
1060	1099	Shale
1099	1100	Coal?
1100	1105	Shale
1105	1109	Coal?
1109	1154	Shale
1133		Gas Test (8# 1/8")
1154	1156	Coal
1156	1167	Shale
1167	1193	Chat/Lime (Mississippi)
1183		Gas Test (10# 1/8")
1193	1258	Lime
		T.D. 1258'
End of Drilling Report		

RECEIVED  
KANSAS CORPORATION COMMISSION

JUN 01 2006

CONSERVATION DIVISION  
WICHITA, KS



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

TICKET NUMBER **1242**

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

FOREMAN Joe

**TREATMENT REPORT  
& FIELD TICKET CEMENT**

DATE	WELL NAME & NUMBER				SECTION	TOWNSHIP	RANGE	COUNTY
2-8-06	Umbarner Keith 35-2A				35	28	17	NO
FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE	
Joe B	11:15	7:45		903388		8.5	<i>[Signature]</i>	
Tim A	11:15	7:15		903255		8	<i>[Signature]</i>	
Russell A	11:15	7:00		903206		7.75	<i>[Signature]</i>	
David C	11:15	7:30		903296	932452	8.25	<i>[Signature]</i>	
Leon H	11:15	7:30		931500		8.25	<i>[Signature]</i>	

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1258 CASING SIZE & WEIGHT 4 1/2 40.5  
 CASING DEPTH 1247.22 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.5 SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 0  
 DISPLACEMENT 19.89 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 4 bpm

REMARKS:

Ran 2 sks prem gel swept to surface. Installed cement head RAN 1 SK prem gel followed by 14 bbl dye & 152 SKS of cement to get dye to surface. Flushed pump. Pumped plug to bottom & set float shoe

RECEIVED  
KANSAS CORPORATION  
JUN 01 2005  
CONSERVATION DIVISION  
WICHITA, KS

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	1247.22	ft 4 1/2 casing	
	5	centralizers	
	1	4 1/2" weld on collar	
903139	4 hr	Casing tractor	
930804	4 hr	Casing trailer	
903388	8.5 hr	Foreman Pickup	
903255	8 hr	Cement Pump Truck	
903206	7.75 hr	Bulk Truck	
1104	140 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement For Baffles 3 1/2" # 3"	
1126	1	OWC - Blend Cement 4 1/2" Wiper Plug	
1110	15 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	3 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate Catcher	
1123	700 gal	City Water	
903296	8.25 hr	Transport Truck	
932452	8.25 hr	Transport Trailer	
931500	8.25 hr	80 Vac	
	1	4 1/2" Float shoe	