

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: MOKAT
License: 5831
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. _____
5/2/06 5/4/06 5/17/06
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 205-26544-00-00
County: Wilson
_____ - se - sw Sec. 21 Twp. 28 S. R. 16 East West
660 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: Mustain, Donald R Well #: 21-1
Field Name: Cherokee Basin CBM
Producing Formation: multiple
Elevation: Ground: 925 Kelly Bushing: n/a
Total Depth: 1250 Plug Back Total Depth: 1242.10
Amount of Surface Pipe Set and Cemented at 20 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1242.10
feet depth to surface w/ 136 Alt 2 - Dlg - 11/24/08 ^{sx cmt.}

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. 30 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: 8/29/06
Subscribed and sworn to before me this 29 day of August,
20 06.
Notary Public: Jenna Klauman
Date Commission Expires: 8-4-2010

TERRA KLAUMAN Distribution
Notary Public - State of Kansas
My Appt. Expires 8-4-2010

KCC Office Use ONLY
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
RECEIVED
30 2006

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Operator Name: Quest Cherokee, LLC Lease Name: Mustain, Donald R Well #: 21-1
 Sec. 21 Twp. 28 S. R. 16 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 Log
 Gamma Ray Neutron log

Log Formation (Top), Depth and Datum Sample

Name Top Datum
 See attached

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#	20	"A"	4	
Production	6-3/4	4-1/2	10.5	1242.10	"A"	136	

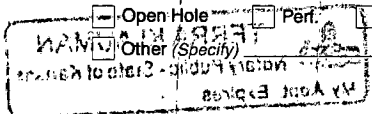
ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

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	1154-1156	100gal 15%HCLw/ 35 bbbls 2%kcl water, 306bbbls water w/ 2% KCL, Biocide, 3600# 20/40 sand	1154-1156
4	1000-1002/983-985/896-898/927-929/857-860/840-842	400gal 15%HCLw/ 34 bbbls 2%kcl water, 787bbbls water w/ 2% KCL, Biocide, 18000# 20/40 sand	1000-1002/983-985 896-898/927-929 857-860/840-842
4	770-774/756-760	300gal 15%HCLw/ 28 bbbls 2%kcl water, 384bbbls water w/ 2% KCL, Biocide, 3100# 20/40 sand	770-774/756-760

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8	1178.15	n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
waiting on pipeline			<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 Perfor. Dually Comp. Commingled



Air Drilling
Specialist
Oil and Gas Wells



M.O.K.A.T. DRILLING
Office Phone: (620) 879-5377



P.O. Box 590
Caney, KS 67333

Operator QUEST CHEROKEE I.L.C.		Well No. 21-1	Lease DONALD MUSTAIN	Loc. 1/4 1/4 1/4	Sec. 21	Twp. 28	Rge. 16					
County WILSON		State KS		Type/Well	Depth 1250'	Hours	Date Started 5/2/06	Date Completed 5/4/06				
Job No.	Casing Used 20' 8 5/8"	Bit Record				Coring Record						
Driller TOOTIE	Cement Used 4	Bit No.	Type	size	From	To	Bit No.	type	Size	From	To	% Rec.
Driller	Rig No.			6 3/4"								
Driller	Hammer No.											

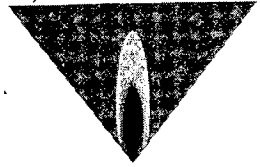
Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	8	OVERBURDEN	578	595	SAND	1002	1004	SHALE			
8	15	SHALE	595	605	SANDY SHALE	1004	1005	LIME			
15	18	LIME	605	672	SHALE	1005	1006	COAL			
18	23	SANDY SHALE	672	675	LIME	1006	1015	SHALE			
23	33	LIME	675	679	BLACK SHALE (MULBERRY)	1015	1023	SAND			
33	120	SHALE	679	696	LIME (VERDIGRIS)	1023	1035	SANDY SHALE			
120	132	LIME	686		GAS TEST (LIGHT BLOW)	1035	1128	SAND (WATER)			
132	137	SHALE	696	705	SHALE	1088		GAS TEST (SAME)			
137	138	COAL	705	706	LIME	1128	1129	COAL (ROWE)			
138	217	SAND (WATER)	706	720	SHALE	1129	1146	SHALE			
217	220	LIME	711		GAS TEST (SAME)			TOO MUCH WATER FOR TEST			
220	247	SANDY SHALE	720	735	SAND	1146	1148	COAL			
247	330	LIME	735	736	COAL	1148	1162	SHALE			
330	332	SHALE	736	757	LIME (OSWEGO)	1162	1164	COAL			
332	336	LIME	757	762	BLACK SHALE (SUMMIT)	1164	1168	SHALE			
336	346	SANDY SHALE	762	772	LIME	1168	1250	LIME (MISSISSIPPI)			
346	355	SAND	762		GAS TEST (1/4# 1/4")						
355	369	SANDY SHALE	772	773	BLACK SHALE			T.D. 1250'			
369	370	COAL	773	774	COAL (MULKEY)						
370	384	LIME	774	838	SANDY SHALE						
384	391	SHALE	786		GAS TEST (SAME)						
391	400	LIME	838	839	LIME						
400	404	SHALE	839	855	SHALE						
404	457	LIME	855	857	LIME						
457	520	SHALE	857	858	SHALE						
520	540	LIME	858	859	COAL (CROWBERG)						
540	554	SHALEY LIME	859	924	SHALE						
554	566	LIME	924	925	COAL (WEIR)						
566	575	SHALE	925	1001	SHALE						
575	577	LIME	963		GAS TEST (SAME)						
577	578	COAL	1001	1002	COAL (BLUEJACKET)						

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QUEST

Resource Corporation



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

TICKET NUMBER **1492**

FIELD TICKET REF # _____

FOREMAN Joe / Craig

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
May 17, 2006	Mustain Donald E. 21-1	21	28	16	Wilson

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe Blanchard	11:30	3:00		903388		3.50	<i>[Signature]</i>
Craig C.				Trancee			<i>[Signature]</i>
Tim A.				902255			<i>[Signature]</i>
Robert W.				903			<i>[Signature]</i>
David C.				903139	932452		<i>[Signature]</i>
Jerry H.				903106			<i>[Signature]</i>
Maverick D.				Xtra			<i>[Signature]</i>

JOB TYPE long string HOLE SIZE 6 3/4 HOLE DEPTH 1250 CASING SIZE & WEIGHT 4 1/2 15.5
 CASING DEPTH 1242.16 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.50 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 19.81 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4.0

REMARKS:

Ran 2 sacks of prem. gel and swept to surface. Installed cement head.
 Pumped 2 sacks of gel, 13 barrels of ice bud sacks of cement to
 get dye to surface. Flushed pump, pumped wiper plug to bottom;
 set float shoe

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	1242.16	Fl 4 1/2 casing	
	6	centralizers	
931300	2	hr. casing tractor	
607240	2	hr. casing tractor	
902388	3.5 hr	Foreman Pickup	
902255	3.5 hr	Cement Pump Truck	
903230	3.5 hr	Bulk Truck	
1104	136 sr	Portland Cement	
1124		50/50-POZ Blend Cement	
1126	1	GWC-Blend Cement 4 1/2 lb. us. per plug	
1110	14 sr	Gilsonite	
1107	1 sr	Flo-Seal	
1118	4 sr	Premium Gel	
1215A	1 gallon	KCL	
1111B	3 sr	Sodium-Silicate Catchall	
1123	7000 gallons	City Water	
903139	3.5 hr	Transport Truck	
932452	3.5 hr	Transport Trailer	
903106	3.5 hr	80 Vac	
Ravin 4513	1	4 1/2 float shoe	