

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: Gary Laswell
Phone: (620) 431-9500
Contractor: Name: Blue Ribbon Drilling, LLC
License: 33081
Wellsite Geologist: Ken Recoy

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JUL 27 2006
CONSERVATION DIVISION
WICHITA, KS

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. _____

4/5/06 4/11/06 4/18/06

Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-26422-00-00

County: Wilson

_____ ne _____ nw Sec. 4 Twp. 29 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 #: 4-1

Field Name: Cherokee Basin CBM

Producing Formation: Multiple

Elevation: Ground: 840 Kelly Bushing: n/a

Total Depth: 1165 Plug Back Total Depth: 1157.93

Amount of Surface Pipe Set and Cemented at 44' Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1157.93

feet depth to surface w/ 130 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

AH II MR
11-20-08

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: _____

Title: Head of Operations Date: 7/26/06

Subscribed and sworn to before me this 26th day of July

2006

Notary Public: Jennifer R. Ammann

Date Commission Expires: July 30, 2009

KCC Office Use ONLY

N

Letter of Confidentiality Received

If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received

UIC Distribution

JENNIFER AMMANN
Notary Public - State of Kansas
My Appt. Expires 7-30-09

ORIGINAL

Side Two

Operator Name: Quest Cherokee, LLC Lease Name: Mustain, Donald R. Well #: 4-1
Sec. 4 Twp. 29 S. R. 16 [x] 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 [x] No (Attach Additional Sheets)
Samples Sent to Geological Survey [] Yes [x] No
Cores Taken [] Yes [x] No
Electric Log Run [x] Yes [] No (Submit Copy)
List All E. Logs Run:
Comp. Density Neutron Log
Gamma Ray CCL
Dual Induction Log

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#	44	"A"	6	
Production	6-3/4"	4-1/2"	10.5#	1157.93	"A"	130	

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				

PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated

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	884-886/842-843/788-790/752-755/732-734	400gal 15%HCL w/ 22 bbls 2%kcl water, 701bbls water w/ 2% KCL, Blockade, 15000# 20/40 sand	884-886/842-843 788-790 752-755/732-734
4	666-670/653-657	400gal 15%HCL w/ 55 bbls 2%kcl water, 575bbls water w/ 2% KCL, Blockade, 13100# 20/40 sand	666-670/653-657

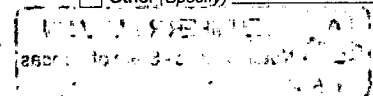
TUBING RECORD Size 2-3/8" Set At 908 Packer At n/a Liner Run [] Yes [x] No

Date of First, Resumerd Production, SWD or Enhr. 6/29/06 Producing Method [] Flowing [x] Pumping [] Gas Lift [] Other (Explain)

Estimated Production Per 24 Hours Oil Bbls. n/a Gas Mcf 0mcf Water Bbls. 20bbls Gas-Oil Ratio Gravity

Disposition of Gas [] Vented [x] Sold [] Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION [] Open Hole [x] Perf. [] Dually Comp. [] Commingled [] Other (Specify)



JUL 27 2006

Blue Ribbon Drilling LLC
PO Box 279
Dewey, OK 74029

CONSERVATION DIVISION
WICHITA, KS

Operator: Quest Cherokee LLC
Desc. Ne Nw Sec 4Twp 29S Rge 16E
County Wilson State Kansas
Com : 4-5-2006 Cease Drilling: 4-10-2006
Casing: 8 5/8" @ 44'
Rotary T. D. 1165

Lease/ Well# Mustain , Donald R.
Elevation: 840 GL

Top	Bottom	Formation	Top	Bottom	Formation
0	1	top soil	602	615	light shale w/ lime streaks
1	10	sand	615	626	sdv shale w/ sandstone mixed
10	23	sand & river gravel	626	640	lime & shale odor 626-636
23	45	gray limestone	640	647	lime odor oil 640-647
45	70	wet sand	647	650	med shale w/ lime streaks
70	130	medium gray shale	650	655	drk shale w/ lime streaks
130	173	tan limestone	655	661	limy sand
173	223	limestone w/ shale streaks	661	665	coal & black shale
223	225	coal 2'	665	672	light shale & lime mixed
225	268	medium gray shale	672	676	shaly sand & sand "odor & show"
268	270	coal 2'	676	699	sandstone
270	274	med shale w/ lime streaks	699	709	shaly sand
274	284	limestone	709	721	sandy shale
284	288	medium gray shale	721	727	medium shale
288	353	lime w/ red shale breaks	727	729	coal 1 1/2'
353	372	medium gray shale	729	748	med shale w/ lime streaks
372	377	black shale	748	750	coal 1 1/2'
377	410	medium gray shale	750	755	light & med shale w/ lime streaks
410	414	dark & black shale	755	765	sdv shale w/ lime streaks
414	417	sdv & limestone	765	777	med shale
417	423	light shale & lime mixed	777	783	medium shale w/ lime streaks
423	434	lime w/ med shale breaks	783	785	coal 2'
434	444	shale medium, w/ limestone streaks	785	800	sdv shale w/ lime streaks
444	446	green shale	800	815	med shale w/ lime streaks
446	456	limestone	815	822	sandstone
456	469	shale green , w/ lime streaks	822	830	sandy shale
469	479	sandy shale green w/ lime streaks	830	835	med shale w/ sandstone streaks
479	494	sand	835	837	med shale w/ lime streaks
494	510	med shale w/ lime streaks	837	840	coal 2 1/2'
510	524	Green Sandstone	840	844	sdv shale & sand Odor
524	540	shale mixed w/ sandy shale	844	850	sandstone
540	555	medium gray shale	850	859	shaly sand & sandstone
555	560	sand w/ sandy shale mixed	859	866	med shale w/ sand mixed
560	562	limestone	866	868	limy sand
562	564	coal 2'	868	872	sandstone Odor
564	588	limestone	872	888	shale & sand mixed
588	591	black shale	888	900	med shale w/ sand streaks
591	602	med shale w/ lime streaks	900	937	sand

Blue Ribbon Drilling LLC
Quest Cherokee LLC
Mustain, Donald R. No. 4-1

Top	Bottom	Formation	Top	Bottom	Formation
937	974	sandy shale w/ sand streaks			
974	990	sandstone			
990	1000	sand w/ shale streaks			
1000	1023	sandstone			
1023	1033	dark gray shale w/ limestone streaks			
1033	1040	dark shale w/ sandstone streaks			
1040	1050	dark shale w/ pyrtie			
1050	1054	dark shale w/ lime			
1054	1071	tan & gray Chat & limestone			
1071	1165	tan & gray limestone			
	1165	TOTAL DEPTH			

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Mustain, Donald R #4-1

Gas Tests

Test	Depth	Results
1	389	1/8 at 0
2	414	1/8 at 0
3	564	1/8 at 0
4	640	1/8 at 0
5	665	1/8 at 5 (6.39 mcf)
6	840	1/8 at 5 (6.39 mcf)
7	1065	1/8 at 5 (6.39 mcf)
8	1165	1/8 at 5 (6.39 mcf)

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WICHITA, KS

QUEST

Resource Corporation

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

TICKET NUMBER **1356**

FIELD TICKET REF # _____

FOREMAN Joe

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-18-06	MUSTAIN Donald 4-1	4	29	16	WL

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe . B	7:00	11:45		903388		4.75	<i>[Signature]</i>
Tim. A	6:45			903255		5	<i>[Signature]</i>
MANCROCK . D	7:00			903206		4.75	<i>[Signature]</i>
DAVID . C	7:00			903139	932452	4.75	<i>[Signature]</i>
Jerry . H	7:00			903286		4.75	<i>[Signature]</i>
Dusty . H	7:00	✓		extra		4.75	<i>[Signature]</i>

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1165 CASING SIZE & WEIGHT 4 1/2 10.5
 CASING DEPTH 1157.93 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 18.46 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 bpm

REMARKS:

RAW 2 SKS gel swept to surface. Installed cement head RAW 1 SKS of gel
& 12 bbl dye & 140 SKS of cement To get dye to surface. Flush pump
Pumpwiper plug to bottom & set float shoe.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	1157.93	Ft 4 1/2 casing	
	5	Centralizers	
	1	4 1/2 Weld on collar	
931310	2 hr	Casing tractor	
930804	2 hr	Casing trailer	
903388	4.75 hr	Foreman Pickup	
903255	5 hr	Cement Pump Truck	
903206	4.75 hr	Bulk Truck	
1104	130 SK	Portland Cement	
1124	1	50/50-POZ Blend Cement <u>Baffles 3 1/2"</u>	
1126	1	50/50-POZ Blend Cement <u>4 1/2" wiper plug</u>	
1110	14 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	3 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate <u>Calcchloride</u>	
1123	7000 gal	City Water	
903139	4.75 hr	Transport Truck	
932452	4.75 hr	Transport Trailer	
903286	4.75 hr	80 Vac	
Ravin 4513	1	4 1/2 Floatshoe	

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