

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: Michael Drilling, LLC
License: 33783
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. _____

2/3/06	2/6/06	2/11/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26466-50-00
County: Neosho
_____ ne - sw Sec. 23 Twp. 28 S. R. 17 East West
1980 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 Caroline SE Carolyn M. NW KCC SW OPS
Lease Name: Hardin, Carolyn M. Well #: 23-2
Field Name: Cherokee Basin CBM

Producing Formation: multiple
Elevation: Ground: 1033 Kelly Bushing: n/a
Total Depth: 1233 Plug Back Total Depth: 1206.08
Amount of Surface Pipe Set and Cemented at 20.5 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1206.08
feet depth to surface w/ 150 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. _____ 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: [Signature]
Title: Head Of Operations Date: 6/1/06
Subscribed and sworn to before me this 18th day of June,
2006.
Notary Public: Jennifer B. DeMunn
Date Commission Expires: July 30, 2009

KCC Office Use ONLY

Letter of Confidentiality Received **RECEIVED**
If Denied, Yes Date _____
 Wireline Log Received
 Geologist Report Received **JUN 02 2006**
 UIC Distribution
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS

Caroline KCCO/B

Operator Name: Quest Cherokee, LLC Lease Name: Hardin, Carolyn M. Well #: 23-2
 Sec. 23 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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 See Attached

List All E. Logs Run:

Comp. Density/Neutron Log
 Dual Induction 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#	20.5	"A"	4	
Production	6-3/4"	4-1/2"	10.5#	1206.08'	"A"	150	

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	1136-1139/1086-1088/1080-1081/868-870/830-833	400gal 15% HCL w/ 28 bbbls 2% kcl water, 466bbbls water w/ 2% KCL, Biocide 8400# 20/40 sand	1136-1139/1086-1088
4	813-815/759-754/737-741		1080-1081
		500gal 15% HCL w/ 43 bbbls 2% kcl water, 505bbbls water w/ 2% KCL, Biocide 9600# 20/40 sand	868-870/830-833
			813-815
		400gal 15% HCL w/ 22 bbbls 2% kcl water, 430bbbls water w/ 2% KCL, Biocide 4700# 20/40 sand	759-754/737-741

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>1150.72</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. 4/20/06 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>7.9mcf</u>	Water Bbls. <u>30bbbls</u>	Gas-Oil Ratio	Gravity
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Disposition of Gas Vented Sold Used on Lease (If vented, Submit ACO-18.)

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

Production Interval

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Michael Drilling, LLC
P.O. Box 402
Iola, KS 66749
620-365-2755

Company: Quest Cherokee LLC
Address: 9520 North May Ave, Suite 300
Oklahoma City, Oklahoma 73120
Ordered By: Donnie Meyers

Date: 02/10/06
Lease: Hardin, Carolyn M.
County: Neosho
Well#: 23-2
API#: 15-133-26466-00-00

Drilling Log

FEET	DESCRIPTION	FEET	DESCRIPTION
0-12	Overburden	678-731	Shale
12-90	Shale	731-733	Coal and Shale
90-217	Sandy Shale	733-735	Black Shale
217-276	Lime	735-737	Shale
276-279	Shale	737-739	Coal
279-285	Lime	739-747	Lime
285-301	Sand Sandy Shale	742	Gas Test (0" at 1/4 Choke)
301-307	Lime	747-751	Coal
307-310	Shale	751-759	Coal and Shale
310-316	Lime	759-762	Black Shale
316-385	Shale	762-765	Shale
385-424	Lime	765-771	Lime
424-438	Sand	771-774	Black Shale
438-449	Shale	774-776	Coal
449-455	Black Shale	776-849	Shale
455-471	Lime	783	Gas Test (20" at 1/4 Choke)
471-490	Shale	849-851	Lime
490-500	Lime	851-853	Coal
500-538	Sandy Shale	853-858	Shale
538-620	Shale and Lime	858-860	Coal
620-641	Lime	860-883	Shale
641-645	Coal	883-885	Coal
645-675	Shale and Lime	885-929	Shale
675-678	Coal	929-931	Coal

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WICHITA, KS

QUEST

Resource Corporation



DATE: 02/06/2006

Data from Driller's Log

Michael Drilling Rig #2.

WELL NAME: Hardin, Carol	SECTION: 23	REPORT #:	SPUD DATE: 2/3/2006
WELL #: 23-2	TWP: 28S	DEPTH: 1208	
FIELD: Cherokee Ba	RANGE: 17E	PBTD:	
COUNTY: Neosho	ELEVATION: 1033	FOOTAGE 1980	FT FROM South
STATE: Kansas	API #: 15-133-26466-00-00	1980	FT FROM West
			LINE NE SW
			LINE

ACTIVITY DESCRIPTION:

Michael Drilling, Duane Martin drilled to TD 1208 ft. on 02/06/2006.

GAS SHOWS:	Cumulative Gas	Net Gas / Comments
Mulberry Coal	0 mcf/day @ 639-641 FT.	
Lexington Shale & Coal	0 mcf/day @ 674-677 FT.	
Summit Shale & Coal	0 mcf/day @ 735-738 FT.	Gas Test at 742 ft. No Gas.
Mulky Shale & Coal	8 mcf/day @ 747-751 FT.	8 mcf/day from Mulky. Gas Test at 758 ft.
Bevier Coal	8 mcf/day @ FT. *	
Croweburg Shale & Coal	8 mcf/day @ 830-831 FT.	
Fleming Coal	8 mcf/day @ 836-837 FT.	
Weir Coal	8 mcf/day @ 906-907 FT.	
Bartlesville Sand	8 mcf/day @ 907-1020 FT.	
Rowe Coal	8 mcf/day @ 1075-1076 FT.	
Neutral Coal	23 mcf/day @ 1081-1082 FT.	15 mcf/day from Rowe / Neutral. Gas Test at 1083 ft.
Upper Riverton Coal	23 mcf/day @ 1093-1094 FT.	
Lower Riverton Coal	23 mcf/day @ 1113-1115 FT.	
Mississippi	32 mcf/day @ Top at 1119 FT.	9 mcf/day from this area. Gas Test at 1124 ft.

* Zone not identifiable from Driller's hand written notes.

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

Surface Casing @ 20.5 ft.

Total Depth @ 1208 ft.

Surface Casing Size: 8 5/8"

OTHER COMMENTS: Information in this Report was taken directly from the Driller's hand written notes. All depths & orifice checks reflect what the driller recorded during drilling activities. Zones listed below are fyi only.

- Pawnee Limestone 641-674
- unknown coal 713-715
- Oswego Limestone 715-735
- Verdigris Limestone 828-830
- Mineral Coal 860-862
- Bluejacket Coal 1020-1021

If the Zone above has no footages listed, the Zone was not identifiable from the Driller's Notes.

CASING RECOMMENDATIONS: Run casing / Cement to surface

End of Geologic / Drilling Report. Thank You!

On Site Representative: Ken Recoy, Senior Geologist, CPG #4630 (620) 305-9203 Cell. KRecoy@qrep.net

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CASING RECOMMENDATIONS:

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WICHITA, KS

QUEST

Resource Corporation

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

TICKET NUMBER **1245**

FIELD TICKET REF # _____

FOREMAN Joe

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-11-06	Hardin Carolyn 23-2	23	28	17	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Joe B	7:00	11:30	no	903388		4.5	Joe Blom
Wes. T	7:00	11:30 12:20		903197		5.5	Wes Travis
Russell. A	6:45	11:30		903103		4.75	Russell
DAVID. C	7:15	11:30		903296	932452	4.25	David
Leoni. H	7:00 AM	11:30		931500		4.5	Leoni
MAVERICK. D	7:00	11:30		extra		4.5	Maverick

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1208 CASING SIZE & WEIGHT 4 1/2 10.5 #
 CASING DEPTH 1206.08 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 19.23 DISPLACEMENT PSI _____ MIX PSI _____ RATE 3.8 bpm

REMARKS:

RAN 2 SKS prem gel sucept to surface. Installed cement head RAN
 12 bbl dye followed by 160 SKS of cement to get dye to surface.
 Flushed pump. Pump wiper plug to bottom + set float shoe

	1206.08	ft 4 1/2 casing	
	5	centralizers	
903139	2.5 hr	casing tractor	
930804	2:5 hr	casing trailer	

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903388	4.5 hr	Foreman Pickup	
903197	5.5 hr	Cement Pump Truck	
903103	4.75 hr	Bulk Truck	
1104	150 SK	Portland Cement	
1124	2	50/50 POZ Blend Cement	
1126	1	OWC - Blend Cement	
1110	16 SK	Gilsonite	
1107	1.5 SK	Flo-Seal	
1118	2 SK	Premium Gel	
1215A	1 gal	KCL	
1111B	3 SK	Sodium Silicate	
1123	7000 gal	City Water	
903296	4.25 hr	Transport Truck	
932452	4.25 hr	Transport Trailer	
931500	4.5 hr	80 Vac	
Ravin 4513	1	4 1/2 float shoe	

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