

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

10/5/09

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: LS Well Service
License: 33374

Wellsite Geologist: Ken Recoy
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. _____

6/12/07	6/13/07	6/14/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26953-0000

County: Neosho

_____ SW _____ Sec. 22 Twp. 29 S. R. 18 East West

660 feet from (S) N (circle one) Line of Section

660 feet from E (W) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW (SW)

Lease Name: 4D Land & Cattle Co Well #: 22-5

Field Name: Cherokee Basin CBM

Producing Formation: Multiple

Elevation: Ground: 1065 Kelly Bushing: n/a

Total Depth: 1216 Plug Back Total Depth: 1194.47

Amount of Surface Pipe Set and Cemented at 22.1 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 1194.47

feet depth to surface w/ 180 sx cmt.

Drilling Fluid Management Plan API 15 3-12-09
(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: 10/5/07

Subscribed and sworn to before me this 5th day of October

20 07.

Notary Public: Jerra Klauman

Date Commission Expires: 8-4-2010

TERRA KLAUMAN
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

UIC Distribution

RECEIVED
KANSAS CORPORATION COMMISSION

OCT 09 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Quest Cherokee, LLC Lease Name: 4D Land & Cattle Co Well #: 22-5
 Sec. 22 Twp. 29 S. R. 18 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Compensated Density Neutron Log Dual Induction Log Gamma Ray Neutron Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum See attached
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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"	22	22.1	"A"	7	
Production	6-3/4	4-1/2	10.5	1194.47	"A"	180	

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				

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	1104-1107/1050-1052/1044-1046	300gal 15%HCLw/ 35 bbls 2%kcl water, 585bbls water w/ 2% KCL, Biocide, 10300# 20/40 sand	1104-1107/1050-1052
			1044-1046
4	826-828/788-791	300gal 15%HCLw/ 38 bbls 2%kcl water, 414bbls water w/ 2% KCL, Biocide, 6500# 20/40 sand	826-828/788-791
4	688-692/675-679	300gal 15%HCLw/ 54 bbls 2%kcl water, 723bbls water w/ 2% KCL, Biocide, 12200# 20/40 sand	688-692/675-679

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8"	1126	n/a		
Date of First, Resumerd Production, SWD or Enhr. 7/3/07			Producing Method			
			<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	17.3mcf	75.2bbls			

Disposition of Gas METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, Submit ACO-18.) Other (Specify) _____

QUEST

Resource Corporation

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

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OCT 05 2007

KCC

TICKET NUMBER 2163

FIELD TICKET REF # _____

FOREMAN Dwayne

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-14-07	4 D Land and Cattle Co. 22-4	22	29	18	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Dwayne	1:00	6:30		901640		5.5	<i>[Signature]</i>
Tim	1:00	5:00		903255		4	<i>[Signature]</i>
Tyler	1:00	6:00				5	<i>[Signature]</i>
Paul	1:00	6:30		903142	932452	5.5	<i>[Signature]</i>
Gary C.	1:00	6:00				5	<i>[Signature]</i>

JOB TYPE Long String HOLE SIZE 6 3/4 HOLE DEPTH 1217 CASING SIZE & WEIGHT 4 1/2 10.5
 CASING DEPTH 1194.47 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 19.4 DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS:

Break circulation Pump 100 # Prem gel Followed
By 10 B3B1 Red Then 13 B3B1 Dye Marker and Start
Cement. Pump 170 Sacks of Cement to get Dye Back
Stop and wash out Pump Then Pump Wiper Plug to Bottom
and Set Float Shoe.

90th Ford

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
	1194.47	4 1/2 Casing	
	6	4 1/2 Centralizers	
	1	4 1/2 Float Shoe	
901640	5.5 hr	Foreman Pickup	
903255	4 hr	Cement Pump Truck	
903206	5 hr	Bulk Truck	
1104	170 Sack	Portland Cement	
1124	1	5000 # of 2 1/2" cement Wiper Plug 4 1/2	
1126	2	1000 # of 2 1/2" cement Floc Baffles 3" 3 1/2	
1110	17 Sack	Gilsonite	
1107	1 Sack	Flo-Seal	
1118	1 Sack	Premium Gel	
1215A	1 gal	1000 # of 2 1/2" cement KEL	
1111B	3 Sack	5000 # of 2 1/2" cement Cal Chloride	
1123	7000 Gal	City Water	
903139	5.5 hr	Transport Truck	
T 33	5.5 hr	Transport Trailer	
931500	5 hr	80 Vac	

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CONSERVATION DIVISION
WICHITA, KS

L S Well Service, LLC #33374
543A 22000 Road
Cherryvale, Kansas 67335
620-328-4433

Drill Log
Quest Cherokee, LLC

4D Land Cattle Company #22-4
S22, T29, R18E
Neosho Co, KS
API#133-26953-0000
P.O. #15862

0-3 Dirt
3-15 Sandstone
15-85 Shale
85-90 Lime
90-150 Shale
150-215 Lime
215-260 Sandy Shale
260-261 Coal
261-290 Shale
290-305 Lime
305-308 Black Shale
308-309 Coal
309-312 Shale
312-370 Lime
370-450 Shale
450-453 Black Shale
453-454 Coal
454-465 Shale
465-485 Lime
485-520 Shale
520-528 Sand
528-580 Shale
580-583 Lime
583-584 Coal
584-613 Lime Pink
613-615 Black Shale
615-648 Shale
648-648.5 Coal
648.5-652 Shale
652-680 Lime Oswego
680-685 Black Shale
685-695 Lime
695-700 Black Shale
700-766 Sandy Shale
766-767 Coal
767-786 Shale
786-788 Black Shale
788-860 Shale
860-871 Laminated Sand
871-888 Shale
888-889 Coal
889-900 Shale
900-902 Black Shale
902-1047 Shale
1047-1048 Black Shale
1048-1052 Shale
1052-1054 Black Shale
1054-1105 Shale

6-12-07 Drilled 11" hole and set
22.1' of 8 5/8" surface casing
Set with 7 sacks Portland cement

6-13-07 Started drilling 6 3/4" hole

6-13-07 Finished drilling to
T.D. 1217'

315' Slight Blow
495' Slight Blow
586' Slight Blow
616' 1" on 1/2" Orifice
690' 15" on 1/2" Orifice
706' 20" on 1/2" Orifice
796' 22" on 1/2" Orifice
886' 25" on 1/2" Orifice
976' 24" on 1/2" Orifice
1006' 24" on 1/2" Orifice
1037' 20" on 1/2" Orifice
1067' 20" on 1/2" Orifice
1097' 20" on 1/2" Orifice
1127' 20" on 1/2" Orifice
1140' 33" on 1/2" Orifice
1157' 33" on 1/2" Orifice
1187' 33" on 1/2" Orifice
1217' 33" on 1/2" Orifice

Water at 370'

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S22, T29, R18E
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1105-1107 Coal
1107-1116 Shale
1116-1217 Lime

T.D. 1217

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WICHITA, KS