

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Operator: License # 33344
Name: Quest Cherokee Oilfield Service, LLC
Address: 211 W. 14th Street
City/State/Zip: Chanute, KS 66720
Purchaser: Bluestem Pipeline, LLC
Operator Contact Person: Richard Marlin
Phone: (620) 431-9500
Contractor: Name: M.O.K.A.T. Drilling
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>11/15/04</u>	<u>11/15/04/</u>	<u>12/14/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 099-23679-00-00
County: Lafayette
_____ ne nw Sec. 18 Twp. 31 S. R. 18 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: Phillips, Calvin D. Well #: 18-2
Field Name: Cherokee Basin CBM
Producing Formation: Summit/Mulky
Elevation: Ground: 918' Kelly Bushing: _____
Total Depth: 1046' Plug Back Total Depth: 1042'
Amount of Surface Pipe Set and Cemented at 22' 2" Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1042'
feet depth to surface w/ 136 _____ sx cmt.
ALT II 5-4-06 W/HM

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: KANSAS CORPORATION COMMISSION
Operator Name: _____ APR 22 2005
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. CONSERVATION DIVISION
County: _____ Docket No.: _____ WICHITA, KS

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: 4/21/2005
Subscribed and sworn to before me this 21st day of April
20 05
Notary Public: Jennifer R. Houston
Date Commission Expires: 7/30/05

JENNIFER R. HOUSTON
Notary Public - State of Kansas
My Appt. Expires 7/30/05

KCC Office Use ONLY
NO Letter of Confidentiality Received
If Denied, Yes Date: _____
YES Wireline Log Received
NO Geologist Report Received
NO UIC Distribution

✓

Operator Name: Quest Cherokee Oilfield Service, LLC Lease Name: Phillips, Calvin D. Well #: 18-2
 Sec. 18 Twp. 31 S. R. 18 East West County: Labette

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
 Dual Induction
 Gamma Ray/Neutron

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Lenapah Lime	283'	+635
Altamont Lime	326'	+592
Pawnee Lime	470'	+448
Oswego Lime	543'	+375
Verdigris Lime	667'	+251
Mississippi Lime	1003'	-85

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	11"	8-5/8"	24.75#	22' 2"	"A"	4sx	
Production	6 3/4"	4 1/2"	10.5#	1042'	"A"	136sx	

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				

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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)	
		Amount and Kind of Material Used	Depth
4	574.5'-579'	15,500# 20/40 sand	574.5'-579'
4	600'-607'	469 BBLs Water	600'-607'

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8"	777.39'	N/A	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. 1/29/05			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	0	0		

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 _____

CONSOLIDATED OIL WELL SERVICES C.
 211 W. 14TH STREET, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

WELL NUMBER 2933
 LOCATION Riv. H.
 FOREMAN Steve Johnson

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
<u>R-11</u>	<u>6628</u>	<u>Calvin Phillips 16-2</u>	<u>18</u>	<u>31S</u>	<u>18E</u>	<u>Labette</u>
CUSTOMER <u>Quest Cherokee LLC</u>						
MAILING ADDRESS <u>211 W 14th</u>						
CITY <u>Chanute</u>		STATE <u>KS</u>	ZIP CODE			

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>289</u>	<u>Kirk</u>		
<u>174</u>	<u>Casey</u>		
<u>285</u>	<u>Jason</u>		
<u>235</u>	<u>Bruce</u>		

JOB TYPE Log string HOLE SIZE 6 5/8 HOLE DEPTH 1046' CASING SIZE & WEIGHT 4 1/2
 CASING DEPTH 1041 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0-
 DISPLACEMENT 16.6 DISPLACEMENT PSI 600 MIX PSI 0 RATE 43

REMARKS: Ran 2 sr. bEL to surface
Ran 15 bbls sodium silicate in 10 bbls water
Ran 130 ex owc cements w/ additives
Washed behind plug jumped plug to bottom with KCL WATER
circulated cement to surface

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>5401</u>	<u>1</u>	<u>PUMP CHARGE Log string</u>		<u>710.00</u>
		<u>MILEAGE</u>		
<u>5407</u>	<u>min</u>	<u>Bulk delivery</u>		<u>225.00</u>
<u>5609</u>	<u>3 hrs</u>			<u>390.00</u>
<u>1124</u>	<u>130 ex</u>	<u>owc cement (136 sr w/additive)</u>		<u>1540.50</u>
<u>1107</u>	<u>1 sr</u>	<u>Flo Seal</u>		<u>40.00</u>
<u>1110</u>	<u>13 ex</u>	<u>Gilsonite</u>		<u>204.55</u>
<u>1118</u>	<u>2 sr</u>	<u>bEL</u>		<u>24.80</u>
<u>1123</u>	<u>4200 gals</u>	<u>city water</u>		<u>4830</u>
<u>5502C</u>	<u>6 hrs X 2 Trucks</u>	<u>80 VAC 12 hrs total</u>		<u>936.00</u>
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MAY 01 2006				
CONSERVATION DIVISION WICHITA KS				
			SALES TAX	<u>1251.64</u>
			ESTIMATED TOTAL	<u>4304.79</u>

AUTHORIZATION [Signature] TITLE _____ DATE: 5-15-04

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

P. 6

Operator QUEST CHEROKEE LLC,		Well No. 18-2	Lease PHILLIPS	Loc. 3	14	14	Sec. 18	Twp. 31	Rge. 18			
County LABETTE		State KS		Type/Well	Depth 1046'	Hours	Date Started 11-15-04	Date Complete 11-16-04				
Job No.	Casing Used 22' 2" 8 5/8"	Bit Record				Coring Record						
Driller BILLY	Cement Used	Bit No.	Type	size	From	To	Bit No.	type	Size	From	Size	% Rec.
Driller	Rig No. 2			6 3/4"								
Driller	Hammer No.											

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Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	8	DIRT	509	510	COAL	697	698	COAL (FLEMING)	988		GAS TEST (7.5 # 1/4")
8	60	LIME (WET)	510	526	SHALE	698	704	BLK SHALE	996	1016	MISS LIMEY CHAT
60	90	SAND	512		GAS TEST (4.5 # 1/8")	704	705	COAL (MINERAL)	1016	1038	GRAY LIME
90	91	COAL	526	527	COAL	705	720	SHALE	1038	1046	BROWN LIME
91	115	SAND	527	564	SANDY SHALE	713		GAS TEST (SAME)			
115	128	SHALE	538		GAS TEST (SAME)	720	727	SAND			T.D. 1046'
128	162	LIME	564	572	LIME (OSWEGOO)	727	728	COAL			
162	210	SHALE	572	574	SHALE	728	765	SANDY SHALE			
210	220	LIME	574	580	BLK SHALE (SUMMIT)	738		GAS TEST (SAME)			
220	227	BLK SHALE	580	584	LIME	765	796	SHALE			
227	252	SHALE	584	589	BLK SHALE	796	797	COAL			
252	254	LIME	587		GAS TEST (4.5 # 1/8")	797	809	SHALE			
254	273	SHALE	589	597	LIME	809	811	BLK SHALE			
273	275	BLK SHALE	597	604	BLK SHALE (MULKY)	811	824	SHALE			
275	297	LIME	604	605	COAL	813		GAS TEST (SAME)			
287		WENT TO WATER	605	606	SHALE	824	835	SAND			
297	317	SHALE	606	610	LIME	835	836	COAL			
317	342	LIME	612		GAS TEST (SAME)	836	848	SHALE			
342	350	SAND	610	641	SHALE	838		GAS TEST (15 # 1/8")			
350	357	SANDY SHALE	641	642	COAL (BEVIER)	848	853	SANDY SHALE			
357	395	SAND	642	658	SHALE	853	872	SAND			
395	460	SHALE	658	659	LIME	872	913	SANDY SHALE			
462		GAS TEST (NO GAS)	659	664	BLK SHALE	913	923	SAND			
460	463	BLK SHALE (MULBERRY)	662		GAS TEST (SAME)	923	924	COAL (ROWE)			
463	468	SHALE	664	666	LIME	924	928	SHALE			
468	493	LIME (PAWNEE)	666	672	SAND	928	930	COAL (NEUTRAL)			
493	496	BLK SHALE	672	673	SHALE	930	978	BLK SHALE			
496	500	SHALE	673	674	LIME	938		GAS TEST (6 # 1/4")			
500	501	LIME	674	675	COAL (CROWBERG)	978	985	SAND			
501	503	BLK SHALE (LEXINGTON)	675	697	SHALE	985	987	COAL (RIVERTON)			
503	509	SHALE	687		GAS TEST (SAME)	987	996	SHALE			

16208795751

MOKRT Drilling

Nov 28 04 02:41P

Quest Cherokee LLC Cementing Report

Date: 12-14-04

Well: Phillips, Calvin #18-2

Legals 18-315-186 Labette Co.

RE: Run & Cement Longstring-Notified Becke at KCC Office 12/14/04 @ 8:45 AM PM

Time:

- 11:30 ~~11:30~~ - Sam Nunley - on location and rig up
- 11:45 Buckeye on location and spot casing trailer
- 12:30 ~~12:30~~ - Sam Nunley - TIH w/ 1041 ft of casing
- 12:50 ●COS on location and rig up Consolidated orl well seal
- 1:30 ~~1:30~~ - Sam Nunley - Hit fill approx. 380' ft from T.D.
- 1:40 - 4:15 ●COS wash casing to T.D. and circulate 2 sks gel to surface
Very Dirty Hole
- 4:00 ~~4:00~~ - Sam Nunley - Land casing
- 4:30 ~~4:30~~ - " " - Rig down and off location
- 4:35 ●COS- pump- Circulate W/ fresh H2O, run 10 bbl ~~●~~ with 15 gal sodium silicate, Then Pump
sacks cement with eye return, flush pump, pump plug W/ KCL water, set float shoe
- 5:30 ●COS Rig down and off location

CEMENT SLURRY:

Total Cement: 136
 Cement blend: OWC, 5# Gilsonite, 1/4# Flo-Seal
 Cement slurry weight: 13.8
 Average Surface Pressure:
 Running cement circulation pressure: 0
 Pumping plug circulation pressure: 600
 Circulation during job: Good

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HOLE/CASING/FLOAT EQUIPMENT SUMMARY:

Hole Size & Depth: 6 3/4"- 1046'
 Casing Size & Depth: New 4 1/2" 10.5# per/ft. Range 3-plus shoe- 1042
201 Centralizer
403 Basket
640 Centralizer
805 Basket
1007 Centralizer
 1 ea 4 1/2" Latch-Down Float Shoe w/ Notch Collar on bottom & 4 1/2" Latch-Down Plug

*Plant Dozer sed on Location
 To move Trucks*