

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: Well Refined Drilling Company, Inc.
License: 33072
Wellsite Geologist: n/a

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic

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. _____

10/29/04 11/1/04 11/10/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-25892-0000
County: Wilson
_____ nw nw Sec. 14 Twp. 29 S. R. 16 East West
660 feet from S / (circle one) Line of Section
630 feet from E / (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Nunnenkamp, Allen L. Well #: 14-1
Field Name: Cherokee Basin CBM

Producing Formation: Summit/Mulky
Elevation: Ground: 825 Kelly Bushing: _____
Total Depth: 1117 Plug Back Total Depth: 1088.58
Amount of Surface Pipe Set and Cemented at 31 Feet
Multiple Stage Cementing Collar Used? Yes No
_____ feet, show depth set _____ Feet
If Alternate II completion, cement circulated from 1088.58
feet depth to surface w/ 138 sx cmt.

Drilling Fluid Management Plan ALT #2 RGR 5/14/07
(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: Richard Marlin
Title: Chief Operating Officer Date: 4/8/05

Subscribed and sworn to before me this 8th 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
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Operator Name: Quest Cherokee Oilfield Service, LLC Lease Name: Nunnenkamp, Allen L. Well #: 14-1
 Sec. 14 Twp. 29 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)

Name	Top	Datum
Lenapah Lime	379	+446
Altamont Lime	428	+397
Pawnee Lime	530	+295
Oswego Lime	603	+222
Verdigris Lime	724	+101
Mississippi Lime	1070	-245

List All E. Logs Run:

Comp Density/Neutron
 Dual Induction
 Gamma Ray/Neutron 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"	24.75#	30'	"A"	10sx	
Production	6 3/4"	4 1/2"	10.5#	1088.58'	"A"	138sx	

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)	Depth
4	627-631 & 642-647	367 bbls gelled water & 15800# 20/40 sand frac	627-631 & 642-647

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2-3/8"		n/a	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
3/17/05		<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 _____

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
11-10-2004		Nunnenkamp, Allen L. #14-1	14	295	18E	wc

FOREMAN OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRUCK HOURS	EMPLOYEE SIGNATURE
John - M	6:30	12:30	No	348	5.5	[Signature]
Wes - T	6:47	12:30	No	197	5	[Signature]
Rodney - A	6:28	12:30	No	206	5	[Signature]
Tim - A	6:50	12:30	No	140	5	[Signature]

LOG TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 1117 CASING SIZE & WEIGHT 4 1/2 / 10.5
 CASING DEPTH 1088 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.9 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 17.2 DISPLACEMENT PSI 500 MIX PSI 100 RATE _____

REMARKS: Circulate with fresh H₂O, ran Gel ahead, ran 12 BBL Dye with 15 Gallons Sodium Silicate, cement until Dye return, shut pump, pump plug with KCL water.
 Hurricane 80-vac on location (met up at top at 7:00 A.M.)
 Dozer on location to move crews in, attend, and out of M-d location.
 Had to put 15.65 Thread off sub on instead of 42.11. Needed for 1.5 hours could not wash down. Still has 37' table below the Riverton.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
	# 348	Foreman Pickup		
	# 197	Cement Pump Truck		
	# 206	Bulk Truck		
1110	14 sks	Gilsonite		
1107	1 sks	Flo-Seal		
1118	2 sks	Premium Gel		
1215A	1 gal	KCL		
1111B	15 gal	Sodium Silicate		
1123	8,400 gal	City Water <u>200 BBL</u>		
	# 140	Transport		
	Hurricane	80 Vac		
	124 sks w/out additives	Cement <u>138 sks w/additives</u>		
SALES TAX				
ESTIMATED TOTAL				

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Quest Cherokee LLC Cementing Report

Date: 11-10-2004

Well: NUNNEN Kamp, Allen, L #141 Legals 14-295-18E W.L.

RE: Run & Cement Longstring-Notified Becke at KCC Office- 11/10/04 @ 8:20 AM PM

Time:

- 1 7:45 A.M. Team- G & S Oil -on location and rig up
- 2 7:45 A.M. Buckeye on location and spot casing trailer
- 3 8:35 A.M. Team- G & S Oil -TIH w/ 1115.04 ft of casing
- 4 8:00 A.M. QCOS on location and rig up
- 5 9:30 A.M. Team- G & S Oil -Hit fill approx. 30 ft from T.D.
- 6 9:30 A.M. QCOS wash casing to T.D. and circulate 2 sks gel to surface

- 7 11:30 A.M. Team- G & S Oil -Land casing
- 8 11:45 A.M. Team- G & S Oil -Rig down and off location
- 9 11:45 A.M. QCOS- pump- Circulate W/ fresh H2O, run 12 bbl dye with 15 gal sodium silicate, cement until dye return, flush pump, pump plug W/ KCL water, set float shoe
could not waste down last joint, put in 15.65 sub

- 10 12:30 P.M. QCOS Rig down and off location

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CEMENT SLURRY:

Total Cement: 138 sks
 Cement blend: OWC, 5# Gilsonite, 1/4# Flo-Seal
 Cement slurry weight: 13.9
 Average Surface Pressure:
 Running cement circulation pressure: 100
 Pumping plug circulation pressure: 500
 Circulation during job: Good.

HOLE/CASING/FLOAT EQUIPMENT SUMMARY:

Hole Size & Depth: 6 3/4" - 1117'
 Casing Size & Depth: New 4 1/2" 10.5# per/ft. Range 3-plus shoe- 1088.58 ft.
1093 Centralizer
883 Basket
673 Centralizer
421 Basket
168 Centralizer
 1 ea 4 1/2" Latch-Down Float Shoe w/ Notch Collar on bottom & 4 1/2" Latch-Down Plug

Hurricane 80- vac on location. (Met up at stop at 7:00 A.M.)

Dozer on location to move crews in, around, and out of muddy location. Had to put 15.65 sub in place of 42.11, was led for 1.5 hours could not waste down. There is approx: 37' rubble below the River fan.