

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 Howard
Phone: (620) 431-9500
Contractor: Name: Well Refined Drilling Company
License: 33072
Wellsite Geologist: N/A

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WICHITA, KS
CONSERVATION DIVISION

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. _____

<u>1/19/2005</u>	<u>1/20/2005</u>	<u>2/08/2005</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 133-26276-00-00
County: Neosho
_____ ne se Sec. 31 Twp. 28 S. R. 19 East West
1980 feet from (S) / N (circle one) Line of Section
~~4980~~ 250 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE (SE) NW SW
Lease Name: Heilman, Vern L. Well #: 31-2
Field Name: Cherokee Basin CBM

Producing Formation: Rowe/Neutral/Riverton
Elevation: Ground: 948' Kelly Bushing: _____
Total Depth: 973' Plug Back Total Depth: 969.49'
Amount of Surface Pipe Set and Cemented at 20' 2" Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 969.49'
feet depth to surface w/ 140 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.: _____

Handwritten: w/ 140
A111 - Dlg 34008

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: 5/11/2005
Subscribed and sworn to before me this 11th day of May,
20 05.
Notary Public: Jennifer R. Houston
Date Commission Expires: July 30, 2005

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

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

X

Operator Name: Quest Cherokee Oilfield Service, LLC Lease Name: Heilman, Vern L. Well #: 31-2
 Sec. 31 Twp. 28 S. R. 19 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)

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	249'	+699'
Altamont Lime	278'	+670'
Pawnee Lime	379'	+569'
Oswego Lime	464'	+484'
Verdigris Lime	608'	+304'
Mississippi Lime	925'	+23'

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#	20' 2"	"A"	4sx	
Production	6 3/4"	4 1/2"	10.5#	969.49'	"A"	140sx	

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	855.5'-857.5'	13,000 gal city water	855.5'-857.5'
4	861.5'-862.5'	1 gal biocide	861.5'-862.5'
4	913'-917'	8 gal KCl	913'-917'

TUBING RECORD		Size	Set At	Packer At	Liner Run
Waiting on pipeline					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.		Producing Method			
		<input type="checkbox"/> Flowing <input 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

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 _____

ORIGINAL

Quest Cherokee LLC Cementing Report

Date: 2-8-2005

Well: Heilman, Vern #31-2

Legals: 31-285-196 Neosho Co.

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MAY 16 2005

RE: Run & Cement Longstring

CONSERVATION DIVISION
WICHITA, KS

Times:

9:00 A.M. Notified KCC Office-Date 2/8/05

- 1 8:30 A.M. Rig (G & S Oil) on location and rig up
- 3 9:10 A.M. Casing (Buckeye supply) on location and spot casing trailer
- 4 9:45 A.M. Rig (G & S Oil) TIH w/ 989.49 ft. of casing
- 2 8:55 A.M. COWS on location and rig up
- 5 11:10 A.M. Rig (G & S Oil) Hit fill approx. 80' ft. from TD start wash
- 6 11:59 A.M. COWS wash casing to TD and circulate 2 sks gel to surface down at 11:10 A
- 7 11:55 A.M. Rig (G & S Oil) land casing Total wash time 1 Hr 15 mins.
- 8 12:15 P.M. Rig (G & S Oil) rig down and off location Ran a second
- 9 12:35 P.M. COWS pump- Circulate w/ fesh H2O, run calcium chloride activator cycle of
Solution, run 10 bbl dye w/ liquid sodium silicate or Flow stop
Cement until dye return, flush pump, pump plug w/ KCL water gel at 12:25
Set float shoe
- 10 1:35 P.M. COWS/COWS rig down and off location

Due to the Little Hole conditions. Suspended to gel before going to cement. End wash down, gel cycles at 12:25 P.M. Little Hole, copious amount of cutting brought up all throughout entire cement job.

Cement Slurry

Total cement 140 sks
 Cement blend: OWC or Chemthix-P 5# Gilsonite, 1/4# Flo-seal
 Cement slurry weight: 13.6
 Average surface pressures:
 Cement circulation pressure: 300
 Plug circulation pressure: 1000
 Circulation during job: GOOD (FAIR) POOR

Hole/Casing/Float Equipment Summary:

6 3/4 Hole size—Hole depth 975'
4.5 Casing size—Casing weight 10.5 #per/ft Range 3-plus shoe
989.49 Casing depth
 Centralizers (8) location on casing: Bottoms 1 Location on casing
1 929 2 727 3 524 4 323 5 161

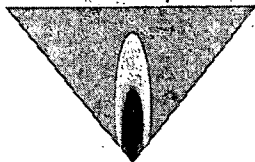
- 1 ea 4 1/2 Latch down float shoe w/ notched collar on bottom
- 1 ea 4 1/2 Latch down plug

Narrative section: Dozer on location to move crows around
flaming, but greasy well site. Late start due to freezing
temperatures last night. The final drive had to be heated
with Blast Furnaces to warm oil prior to start. Started
spotting equipment at 9:00 A.M. A pod was built up,
around well, and road built to it. No swedge on wellhead,
material built 1 1/2' above surface pipe. Fall in?

QUEST

Resource Corporation

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



TICKET NUMBER ORIGINAL 0026

FIELD TICKET REF # _____

FOREMAN John Nichols

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-9-2005	Hailman UCLN L #31-2	31	285	19E	NO

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
John M	6:29	3:49	No	903348		6.5	<i>[Signature]</i>
Wes T	7:09	3:06	No	903255		5.5	<i>[Signature]</i>
Timmy H	7:00	3:45	No	903206		5.5	<i>[Signature]</i>
Leon H	6:50	4:44	No	903106		5.5	<i>[Signature]</i>

JOB TYPE Long string HOLE SIZE 6.75 HOLE DEPTH 975 CASING SIZE & WEIGHT 4.5 / 10.5
 CASING DEPTH 989 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.6 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 0
 DISPLACEMENT 15.4 DISPLACEMENT PSI 1000 MIX PSI 300 RATE _____

REMARKS:

Complete with loss H₂O, ran 2 sks gel to surface. Ran 1 sks calcium chloride with a 1.5 BBL pad, ran 10 BBL dye with 2 sks flow stop cement until dye column stuck pump, pump plug with K.C.L. water, set float shoe. Done on location to move crews around a flowing but gassing well site.

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
# 903348	6.5 hrs	Foreman Pickup	
# 903255	5.5 hrs	Cement Pump Truck	
# 903206	5.5 hrs	Bulk Truck	
1104		Portland Cement	
1124	1 sks	50/50 POZ Blend Cement	
1126	176 sks	OWC Blend Cement	
1110	145 sks	Gilsonite	
1107	1 sks	Flo-Seal	
1118	6 sks	Premium Gel	
1215A	1 gal	KCL	
444B	2 sks	Sodium Silicate	
1123	2730 gal	City Water	
		Transport Truck	
		Transport Trailer	
# 903106	5.5 hrs	80 Vac	