

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 33344
Name: Quest Cherokee, LLC
Address: P O Box 100
City/State/Zip: Benedict, KS 66714
Purchaser: Bluestem Pipeline, LLC
Operator Contact Person: Douglas L. Lamb
Phone: (620) 698-2250
Contractor: Name: WELL REFINED DRILLING COMPANY
License: 33072
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. _____

05/19/2004 05/19/2004 06/02/2004
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 099-23482-00-00
County: LABETTE
E NE SW Sec. 11 Twp. 32 S. R. 19 ☒ 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 SE NW (SW)
Lease Name: HIGGINSON TRUST Well #: 11-1

Field Name: CHEROKEE BASIN CBM
Producing Formation: NOT YET COMPLETE

Elevation: Ground: 904 Kelly Bushing: _____

Total Depth: 845 Plug Back Total Depth: 840.95

Amount of Surface Pipe Set and Cemented at 21.6 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 840.95
feet depth to Surface w/ 107 sx cmt.

Drilling Fluid Management Plan ALT II with 3-6-07
(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: Douglas L. Lamb

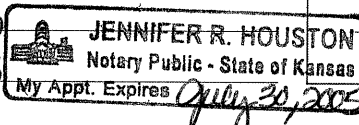
Title: Manager Date: 10/04/04

Subscribed and sworn to before me this 21st day of October

2004

Notary Public: Jennifer R. Houston

Date Commission Expires: July 30, 2005



KCC Office Use ONLY

____ Letter of Confidentiality Received

If Denied, Yes ☐ Date: _____

____ Wireline Log Received

____ Geologist Report Received

____ UIC Distribution

ORIGINAL

Operator Name: Quest Cherokee, LLC Lease Name: HIGGINSON TRUST Well #: 11-1
 Sec. 11 Twp. 32 S. R. 19 ☒ 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:

**DUAL INDUCTION LOG
 COMP. DENSITY NEUTRON LOG**

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Lenapah Lime	40'	+864'
Altamont Lime	65'	+839'
Pawnee Lime	205'	+699'
Oswego Lime	295'	+609'
Verdigris Lime	451'	+453'
Mississippi Lime	796'	+108'

CASING RECORD ☒ New ☐ 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#	21'6"	"A"	5	
Production	6 3/4	4-1/2"	10.5#	840.95	"A"	107	

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
	NONE- WAITING ON PIPELINE		

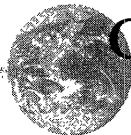
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TUBING RECORD	Size	Set At	Packer At	Liner Run
				☐ Yes ☐ No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas	METHOD OF COMPLETION	Production Interval
☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify)	



CONSOLIDATED

OIL WELL
SERVICES
AN INFINITY COMPANY

211 W. 14TH STREET, CHANUTE, KS 66720
620-431-9210 OR 800-467-8676

ORIGINAL

TICKET NUMBER **24360**

LOCATION Chanute

FIELD TICKET

DATE 6-2-04	CUSTOMER ACCT # 6628	WELL NAME Higginson Trust #111	QTR/QTR	SECTION 11	TWP 32S	RGE 19E	COUNTY LB	FORMATION
CHARGE TO Quest Cherokee LLC				OWNER				
MAILING ADDRESS P.O. Box 100				OPERATOR				
CITY & STATE Benedict, Kansas 66714				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401	1-well	PUMP CHARGE Cement Pump		607.30
1110	10 SK	gilscrete		199.00
1107	1 SK	flo-seal		37.75
1118	2 SK	Premium gel (2 ahead)		23.60
1215A	1 gal	KCL		32.00
111B	15 gal	Sodium silicate		150.00
1123	40 3780 gal	city water (90 bbl)		42.53
5407	48 mi	BLENDING & HANDLING TON-MILES minimum		190.00
		STAND BY TIME		
		MILEAGE		
5501C	2 1/2 hr	WATER TRANSPORTS		200.00
5502C	2 1/2 hr	VACUUM TRUCKS		187.50
		FRAC SAND		
1126	101 SK	CEMENT OWC (107 SK total)		1141.30
		(OWC; 5" gilscrete; 1/4" flo-seal)		
		SALES TAX		104.09
		ESTIMATED TOTAL		2900.21

Ravin 2790

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

Todd H. Tindie

CUSTOMER or AGENT (PLEASE PRINT)

DATE

190603

CONSOLIDATED OIL WELL SERVICES, INC.

211 W. 14TH STREET, CHANUTE, KS 66720

620-431-9210 OR 800-467-8676

 TICKET NUMBER **31556**

 LOCATION Chanute

 FOREMAN Todd H. Tindle
TREATMENT REPORT
ORIGINAL

DATE <u>6-2-04</u>	CUSTOMER # <u>6628</u>	WELL NAME <u>#11-1 Highison Trust</u>	FORMATION
SECTION <u>11</u>	TOWNSHIP <u>32S</u>	RANGE <u>19E</u>	COUNTY <u>LB</u>
CUSTOMER <u>Quest Cherokee LLC</u>			
MAILING ADDRESS <u>P.O. Box 100</u>			
CITY <u>Benedict, KS</u>			
STATE <u>Kansas</u>		ZIP CODE <u>66714</u>	
TIME ARRIVED ON LOCATION			

WELL DATA

HOLE SIZE <u>6 3/4</u>	PACKER DEPTH
TOTAL DEPTH <u>845'</u>	PERFORATIONS
	SHOTS/FT
CASING SIZE <u>4 1/2</u>	OPEN HOLE
CASING DEPTH <u>840'</u>	
CASING WEIGHT	TUBING SIZE
CASING CONDITION	TUBING DEPTH
	TUBING WEIGHT
	TUBING CONDITION
TREATMENT VIA <u>Cement 1 lead in 12.5; Tail 13.9</u>	

TRUCK #	DRIVER	TRUCK #	DRIVER
<u>255</u>	<u>John</u>		
<u>206</u>	<u>Wes</u>		
<u>286</u>	<u>Phil</u>		
<u>140</u>	<u>Tim</u>		

TYPE OF TREATMENT

☐ SURFACE PIPE	☐ ACID BREAKDOWN
☒ PRODUCTION CASING	☐ ACID STIMULATION
☐ SQUEEZE CEMENT	☐ ACID SPOTTING
☐ PLUG & ABANDON	☐ FRAC
☐ PLUG BACK	☐ FRAC + NITROGEN
☐ MISF. PUMP	☐
☐ OTHER	☐

PRESSURE LIMITATIONS

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB Circulate w/ fresh H₂O; 2 gal ahead; run 5 bbl of dye w/ 15 gal sodium silicate; Cement until dye returns; flush pump; pump plug w/ KCL water; Set float shoe

AUTHORIZATION TO PROCEED

TITLE

DATE

TIME AM / PM	STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
							BREAKDOWN PRESSURE
							DISPLACEMENT
							MIX PRESSURE
							MIN PRESSURE
							ISIP
							15 MIN.
							MAX RATE
							MIN RATE

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TERMS

In consideration of the prices to be charged for our services, equipment and products as set forth in Consolidated Oil Well Services, Inc's (COWS) current Price Schedule, and for the performance of services and supplying of materials; customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices payable to P.O. Box 884, Chanute, KS 66720. Invoices payable within 30 days of invoice date. Charges subjected to interest after 30 days from invoice date. Interest will be charged at Maximum rate allowed by law. In the event it is necessary to employ an attorney to enforce collection of such account, customer agrees pay all collection costs and attorney's fees in the amount of 20% of said amount.

Any applicable federal, state or local sales, use, occupation, consumer's or emergency taxes shall be added to the quoted price.

A sales tax reimbursement of 2% is applied to chemical and product charges for all services performed on oil and gas wells in the State of Texas.

All process license fees required to be paid to others will be added to the scheduled prices.

All prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products, and materials to be supplied by COWS.

"The customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the customer shall be present to specify depths, pressures, or materials used for any service which is to be performed."

- (a) COWS shall not be responsible for, and customer shall secure COWS against any liability for damage to property of customer and of the well owner (if different from customer), unless caused by the willful misconduct or gross negligence of COWS, this provision applying to but not limited to sub-surface damage and surface damage arising from subsurface damage.
- (b) Customer shall be responsible for and secure COWS against any liability for reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct of gross negligence of COWS.

- (c) Customer shall be responsible for and secure COWS against any and all liability of whatsoever nature for damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS hereunder.
- (d) Customer shall be responsible for and secure COWS against any liability for injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of COWS.
- (e) COWS makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or services.
- (f) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS gross negligence or willful misconduct in the preparation or furnishing of it.

WARRANTIES - LIMITATION OF LIABILITY

COWS warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED OR MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to COWS or, at COWS's option, to the allowance to the customer of credit for the cost of such items. In no event, shall COWS be liable for special, incidental, indirect, punitive or consequential damages.

COWS personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be liable for and CUSTOMER SHALL INDEMNIFY AGAINST ANY DAMAGED ARISING FROM THE USE OF SUCH INFORMATION, even if such is contributed by the COWS negligence or fault.