

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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: L S 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. _____

<u>6/20/06</u>	<u>6/21/06</u>	<u>6/30/06</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-26706-00-00
 County: Wilson
 _____ SW _____ SE _____ Sec. 19 Twp. 27 S. R. 16 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: Engelman, David Well #: 19-3
 Field Name: Cherokee Basin CBM
 Producing Formation: Multiple
 Elevation: Ground: 930 Kelly Bushing: n/a
 Total Depth: 1288 Plug Back Total Depth: 1279.52
 Amount of Surface Pipe Set and Cemented at 22.7 Feet
 Multiple Stage Cementing Collar Used? Yes No
 If yes, show depth set _____ Feet
 If Alternate II completion, cement circulated from 1279.52
 feet depth to surface w/ 130 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.: _____

AK2-Dlg-12/3/08

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 this 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: 10/16/06
 Subscribed and sworn to before me this 16th day of October
 20 06.
 Notary Public: Dorcia Klauman
 Date Commission Expires: 8-4-2010

KCC Office Use ONLY

Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

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 OCT 17 2006
 CONSERVATION DIVISION
 WICHITA, KS

TERRA KLAUMAN
 Notary Public - State of Kansas
 My Appt. Expires 8-4-2010

Operator Name: Quest Cherokee, LLC Lease Name: Engelman, David Well #: 19-3
 Sec. 19 Twp. 27 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 <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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Gamma Ray Neutron Log Dual Induction Log Compensated Density/Neutron Log	<input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Formation (Top), Depth and Datum 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	11	8-5/8"	20	22.7	"A"	5	
Production	6-3/4	4-1/2	10.5#	1279.52	"A"	130	

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				

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	1043-1047/1015-1017/1027-1028	300gal 15%HCLw/ 33 bbls 2%Kcl water, 558bbls water w/ 2% KCL, Biocide, 11200# 30/70 sand	1043-1047/1015-1017 1027-1028
4	948-950/964-966/977-978/910-913/897-899	400gal 15%HCLw/ 34 bbls 2%Kcl water, 694bbls water w/ 2% KCL, Biocide, 15300# 30/70 sand	948-950/964-966 977-978 910-913/897-899
4	811-815/800-804	300gal 15%HCLw/ 30 bbls 2%Kcl water, 576bbls water w/ 2% KCL, Biocide, 12600# 30/70 sand	811-815/800-804

TUBING RECORD	Size <u>2-3/8"</u>	Set At <u>1087</u>	Packer At <u>n/a</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumerd Production, SWD or Enhr. <u>9/25/06</u>	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
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Estimated Production Per 24 Hours	Oil Bbls. <u>n/a</u>	Gas Mcf <u>0mcf</u>	Water Bbls. <u>39bbls</u>	Gas-Oil Ratio	Gravity
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Disposition of Gas <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval _____
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QUEST

Resource Corporation

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

TICKET NUMBER 1612

FIELD TICKET REF # _____

FOREMAN Craig / Joe

TREATMENT REPORT & FIELD TICKET CEMENT

DATE	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/17/06	Fraserwood Field 173	19	27	14	Wilson

FOREMAN / OPERATOR	TIME IN	TIME OUT	LESS LUNCH	TRUCK #	TRAILER #	TRUCK HOURS	EMPLOYEE SIGNATURE
Craig / Joe	6:30	12:30		902127		6	<i>[Signature]</i>
Joe B	7:00					5.5	<i>[Signature]</i>
Wes T	7:00			903197		5.5	<i>[Signature]</i>
Troy White	7:00			902206		5.5	<i>[Signature]</i>
Russell A	7:00					5.5	<i>[Signature]</i>
David C	7:15			903139	932450	5.5	<i>[Signature]</i>
Troy White	6:30			903106		6	<i>[Signature]</i>
Material ID	7:00			Fraser		5.5	<i>[Signature]</i>

JOB TYPE logging HOLE SIZE 6 3/4 HOLE DEPTH 1288 CASING SIZE & WEIGHT 4 1/2 x 10.5
 CASING DEPTH 1277.52 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 11.5 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT 20.40 DISPLACEMENT PSI _____ MIX PSI _____ RATE 410 bpm

REMARKS:
Run 2 sacks of premix gel surf to surface. Installed cement head ran 1 sack of gel, 11 dgs, and 130 sacks of cement to get slugs to surface. Electrical pump pumped up per plug to bottom set float shoe.

1-79.50	Fl 4 1/2 casing
6	centralizers
903139	1.5 hr casing tractor
902900	1.5 hr casing trailer

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
903127	6 hr	Foreman Pickup	
902197	5.5 hr	Cement Pump Truck	
902206	5.5 hr	Bulk Truck	
1104	121	Portland Cement	
1124	1	50/50 POZ Blend Cement - <u>1" 3"</u>	
1126	1	OWE Blend Cement <u>4 1/2 casing plug</u>	
1110	12	Gilsonite	
1107	1	Flo-Seal	
1118	3	Premium Gel	
1215A	1 gal	KCL	
1111B	3	Sodium Silicate <u>Patchaloid</u>	
1123	7000 gals	City Water	
903139	5.25 hr	Transport Truck	
932450	5.25 hr	Transport Trailer	
903139	6 hr	80 Vac	

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1.5 hr 4 1/2 float shoe

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

Drill Log

Quest Cherokee, LLC

David Engleman #19-3
S19, T27, R16
Wilson Co, KS
API#205-26706-0000

0-3 DIRT
3-27' LIME
27-130 SHALE
130-157 LIME
157-195 SHALE
195-243 LIME
243-270 SHALE
270-271 COAL
271-330 SANDY SHALE
330-377 LIME
377-381 SHALE
381-403 LIME
403-408 SHALE
408-413 LIME
413-438 SAND
438-458 LIME
458-465 SANDY SHALE
465-495 LIME
495-619 SANDY SHALE
619-626 LIME
626-639 SHALE
639-686 SAND
686-723 SANDY SHALE
723-725 LIME
725-726 COAL LESS THAN 8"
726-728 SHALE
728-748 LIME PAWNEE
748-750 BLACK SHALE
750-778 SANDY SHALE
778-795 LIME OSWEGO
795-802 SHALE
802-807 LIME
807-813 SHALE
813-832 SAND
832-836 SAND OIL
836-873 SAND
873-892 SANDY SHALE
892-893 COAL
893-902 SANDY SHALE
902-904 LIME
904-905 COAL LESS THAN 8"
905-959 SANDY SHALE
959-960 COAL LESS THAN 8"
960-1022 SANDY SHALE
1022-1023 COAL
1023-1038 SANDY SHALE
1038-1039 COAL

6-20-06 Drilled 11" hole and set
22.7' of 8 5/8" surface casing
Set with 5 sacks Portland cement

6-21-06 Started drilling 6 3/4" hole

6-21-06 Finished drilling to
T.D. 1288'

WATER @ 350'

103 MCF 686' 40" ON 1" ORIFICE
736' 40" ON 1" ORIFICE
761' 40" ON 1" ORIFICE
811' 46" ON 1" ORIFICE
912' 46" ON 1" ORIFICE
962' 46" ON 1" ORIFICE
1037' 46" ON 1" ORIFICE
1212' 46" ON 1" ORIFICE
1288' 28" ON 1" ORIFICE

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

Drill Log

Quest Cherokee, LLC

David Engleman #19-3
S19, T27,R16
Wilson Co, KS
API#205-26706-0000

1039-1047 SANDY SHALE
1047-1197 SAND
1197-1288 LIME MISSISSIPPI

T.D. 1288'

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