

**CONFIDENTIAL**

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

**ORIGINAL**

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 33342  
Name: Blue Jay Operating LLC  
Address: 4916 Camp Bowie Blvd., Suite 204  
City/State/Zip: Fort Worth, TX 76107  
Purchaser: Cherokee Basin Pipeline LLC  
Operator Contact Person: Jens Hansen  
Phone: ( 817 ) 546-0034  
Contractor: Name: Cherokee Wells, LLC  
License: 33539  
Wellsite Geologist: NA

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**MAR 27 2006**  
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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. \_\_\_\_\_

1/26/06	1/27/06	2/28/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-205-26193-0000  
County: Wilson  
NW4 SW4 NE4 Sec. 33 Twp. 28 S. R. 14  East  West  
1650' feet from S N (circle one) Line of Section  
2310' feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Lisher Well #: A-3

Field Name: Cherokee Basin Coal Gas  
Producing Formation: See Perforating Records  
Elevation: Ground: 918' Kelly Bushing: \_\_\_\_\_  
Total Depth: 1302' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 43' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from bottom casing  
feet depth to surface \_\_\_\_\_ w/ 135 \_\_\_\_\_ sx cmt.  
AH# NH 0-4-08

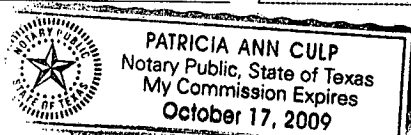
**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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: [Signature]  
Title: \_\_\_\_\_ Date: 3-30-06  
Subscribed and sworn to before me this 30 day of March  
20 06  
Notary Public: Patricia Ann Culp  
Date Commission Expires: 10-17-09

**KCC Office Use ONLY**  
4 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
**RECEIVED**  
**APR 24 2006**  
**KCC WICHITA**

  
PATRICIA ANN CULP  
Notary Public, State of Texas  
My Commission Expires  
October 17, 2009

Operator Name: Blue Jay Operating LLC Lease Name: Lisher Well #: A-3  
 Sec. 33 Twp. 28 S. R. 14  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)

List All E. Logs Run:

High Resolution Compensated Density/Neutron Log; Dual Induction Log

Log Formation (Top), Depth and Datum  Sample

Name Top Datum

Driller's Log Enclosed

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CASING RECORD <input checked="" 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 1/4"	8 5/8"	26#	43'	Portland	10	
Long String	6 3/4"	4 1/2"	10.5	1289'	Thick Set Cement	135	See Attached

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	941'-943' - Mulky - 8 shots total	Mav Foam carrying 8570# 16/30 Brady Sand	
4	999'-1002' - Bevier; 1018'-1020' - Crowburg - 20 shots total	Mav Foam carrying 15800# 16/30 Brady Sand	
4	1078'-1081' - Mineral - 12 shots total	Mav Foam carrying 9000# 16/30 Brady Sand	
		See Attached	

TUBING RECORD		Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)				
2/28/06	Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
			20	50-75	

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

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**APR 24 2006**

**KCC WICHITA**

# Cherokee Wells, LLC

4916 Camp Bowie Blvd. Ste. 200 - Fort Worth, TX 76107

Contractor License # 33539

817-546-0034/ TX Office; 817-296-6541/Jens Hansen Cell; 817-624-1374/FAX

620-839-5581/ KS Office; 620-432-6170/Jeff Kephart Cell; 620-839-5582/FAX

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Rig #:	CW		Lic: 33342		S 33	T 28S	R 14E	
API #:	15-205-26193-00-00							
Operator:	Blue Jay Operating LLC							
	4916 Camp Bowie Suite 204							
	Fort Worth, TX 76107							
				<b>Gas Tests</b>				
Well #:	A-3	Lease Name:	Lisher	Depth	Pounds	Orifice	flow - MCF	
Location:	1650	ft. from N	Line	830	1	3/8"	19	
	2310	ft. from E	Line	955	3	3/8"	33.5	
Spud Date:	1/26/2006			1030	Gas Check Same			
Date Completed:	1/27/2006	TD:	1302	1105	2	3/8"	27	
Driller:	Jeff Thompson			1242	Gas Check Same			
<b>Casing Record</b>	Surface	Production						
Hole Size	11 1/4"	6 3/4"						
Casing Size	8 5/8"							
Weight	26#							
Setting Depth	43'							
Cement Type	Portland							
Sacks	10							
Feet of Casing	43' 5"							
Rig Time	Work Performed							
<b>Well Log</b>								
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	6	OB	576	583	lime	877	911	shale
6	174	shale	583	588	shale	911	927	Oswego lime
174	178	lime	588	670	lime			Oil
178	252	shale	670	728	shale	927	933	Summit
252	268	lime	728	741	sand	933	940	lime
268	277	shale			No Show	940	948	Mulky
277	328	lime	741	800	shale	948	954	lime
328	331	shale	800	826	sand	954	991	shale
331	373	sand			No Show	991	1003	sand
		No Show	826	845	sand/ shale			No Show
373	429	sand/ shale	845	849	lime	1003	1018	sand/ shale
400		Added Water	849	851	shale	1018	1019	coal
429	521	lime	851	852	coal	1019	1078	sand/ shale
521	536	shale	852	854	shale	1078	1079	coal
536	576	sand	854	877	Pink lime	1079	1095	shale
		No Show			Oil	1095	1096	coal

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**MAVERICK**  
**STIMULATION COMPANY, LLC**

12701 ENERGY RD · FT. MORGAN, CO. 80701 · PH (970) 867-2766 · FAX (970) 867-5922

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**BLUE JAY OPERATING - FORT WORTH, TEXAS**  
**Coal Seam Frac Project**

February 28, 2006

Blue Jay - Lisher #A-3

Mulky (941 - 943', 4 spf), 8 shots total.

Started with a pump-in (185 gallons gelled water), followed by 500 gals of 7.5% HCl, flushed with 437 gals gelled water. Started treatment with a pad of 5140 gallons of MavFoam C70, followed by 4475 gals of MavFoam C70 carrying 8575 lbs 16/30 Brady Sand at 1.0 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 630 gal gelled water, and over flushed with 42 gal gelled water. A total of 131,000 SCF of N<sub>2</sub> was used.

Started with a pump-in, STP-449, BH-488; formation broke down at 3816 psi, then again at 2953 psi after acid hit bottom. Started acid @ 4.5 bpm, STP-3711, BH-3840. Started flush @ 0.5 to 11 bpm, STP-3583, BH-3740. Started Pad @ 15 bpm, STP-1213, BH-1549; rate was increased in 1 bpm increments from 18 bpm to 22 bpm due to falling pressure. Initial FQ was 68. Sand stages were as follows: Started 1#, STP-1325, BH-1364, FQ-73. Started 2#, STP-1408, BH-1477, FQ-75. Increased rate to 23 bpm during 2# because of declining pressure. Started 3#, STP-1359, BH-1416, FQ-73. Started Flush, STP-1331, BH-1443, FQ-72. Pad through sand stages were pumped @ 15-23 bpm downhole. Foam quality was maintained at 73Q. Max pressure was 4028 psi. Average rate was 22 bpm at 1370 psi surface (1455 psi bottomhole). ISIP - 748 psi; 5 min - 564 psi, 10 min - 533 psi, 15 min - 514 psi.

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**MAYERICK**  
STIMULATION COMPANY, LLC

12701 ENERGY RD · FT. MORGAN, CO. 80701 · PH (970) 887-2788 · FAX (970) 887-5922

**BLUE JAY OPERATING - FORT WORTH, TEXAS**  
Coal Seam Frac Project

February 28, 2006

**Blue Jay - Lisher #A-3**

Bevier (999 - 1002', 4 spf), 12 shots.  
Crowburg (1018 - 1020', 4 spf), 8 shots; 20 shots total.

Started with a pump-in (412 gallons gelled water), followed by 500 gals of 7.5% HCl, flushed with 798 gals gelled water. Started treatment with a pad of 4900 gallons of MavFoam C70, followed by 10975 gals of MavFoam C70 carrying 15800 lbs 16/30 Brady Sand at 0.5 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 668 gal gelled water, and over flushed with 84 gal gelled water. A total of 178,000 SCF of N<sub>2</sub> was used.

Started with a pump-in, STP-271, BH-590; pressure increased to 4168 psi, shut down and let bleed off then pumped on again. Pressure increased to 4104 psi; surged back to the pit; shut in and watched for 3 min. Started with pump-in again; pumped on and shut down with the following pressure increases: 3995 psi; 4088 psi then surged back to the pit; 4016 psi then let bleed down to 1500 psi then pumped on again; 4050 psi then shut down to dump bail acid; 4045 psi; 4051 psi then surged back to the pit; 4213 psi then let bleed down naturally to 2000 psi; 4037 psi; 4423 psi then surged back to the pit; 4081 psi; 4004 psi; 4272 psi then surged back to the pit; 3947 psi; 3806 psi; pressure kind of leveled off at ±3700 psi on pump-in and then began increasing rate, then started acid. Formation broke down at 3812 psi and then started acid @ 4.5 bpm, STP-3018, BH-3303. Started flush @ 1.5 to 4 bpm, STP-2699, BH-3043. Started Pad @ 15 bpm, STP-1226, BH-1516; rate was increased from 16 bpm to 20 bpm due to falling pressure. Initial FQ was 69. Sand stages were as follows: Started 0.5#, STP-1237, BH-1311, FQ-72. Started 1#, STP-1173, BH-1308, FQ-71. Increased rate, to 21 bpm during 1# and to 22 bpm during 2#, because of declining pressure. Started 2#, STP-1349, BH-1445, FQ-74. Started 3#, STP-1370, BH-1501, FQ-70. Started Flush, STP-1299, BH-1458, FQ-73. Pad through sand stages were pumped @ 15-22 bpm downhole. Foam quality was maintained at 72 to 73Q. Max pressure was 4423 psi. Average rate was 21 bpm at 1250 psi surface (1375 psi bottomhole). ISIP - 709 psi; 5 min - 527 psi, 10 min - 496 psi, 15 min - 477 psi.

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# MAYERICK

## STIMULATION COMPANY, LLC

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### BLUE JAY OPERATING - FORT WORTH, TEXAS Coal Seam Frac Project

February 28, 2006

#### Blue Jay - Lisher #A-3

Mineral (1078 - 1081', 4 spf), 12 shots total.

Started with 500 gals of 7.5% HCl, flushed with 529 gallons gelled water. Started treatment with a pad of 4550 gallons of MavFoam C70, followed by 4835 gals of MavFoam C70 carrying 9000 lbs 16/30 Brady Sand at 1.0 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 718 gal gelled water, and over flushed with 84 gal gelled water. A total of 130,000 SCF of N<sub>2</sub> was used.

Formation broke down at 2603 psi. Started acid @ 4.5 bpm, STP-0, BH-51. Started flush @ 6 to 12 bpm, STP-0, BH-51. Started Pad @ 15 bpm, STP-1122, BH-1265. Initial FQ was 57. Sand stages were as follows: Started 1#, STP-1263, BH-1382, FQ-72. Started 2#, STP-1272, BH-1398, FQ-74. Increased rate during 2#, from 16 bpm to 17 bpm to 18 bpm, because of falling pressure. Started 3#, STP-1263, BH-1405, FQ-71. Started Flush, STP-1269, BH-1419, FQ-71. Pad through sand stages were pumped @ 15-18 bpm downhole. Foam quality was maintained at 72Q. Max pressure was 2603 psi. Average rate was 17 bpm at 1250 psi surface (1410 psi bottomhole). ISIP - 752 psi; 5 min - 638 psi, 10 min - 613 psi, 15 min - 600 psi.

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CONSOLIDATED OIL WELL SERVICES, INC.

MAR 27 2006

TICKET NUMBER

8250

P.O. BOX 884, CHANUTE, KS 66720

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LOCATION EUREKA

620-431-9210 OR 800-467-8676

FOREMAN KEVIN McCoy

TREATMENT REPORT & FIELD TICKET  
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-30-06	1294	Lisher # A-3	33	285	14E	Wilson
CUSTOMER <u>Blue Jay Operating</u>			MAILING ADDRESS <u>4916 Camp Bowie Blvd. Ste 204</u>			
CITY <u>Fortworth</u>			STATE <u>Tx</u>		ZIP CODE <u>76107</u>	
TRUCK #			DRIVER		TRUCK #	
445			Rick L.			
440			Rick P.			
Go-Joe Field Service						

JOB TYPE Long string HOLE SIZE 6 3/4 HOLE DEPTH 1302' CASING SIZE & WEIGHT 4 1/2 10.5"  
 CASING DEPTH 1289' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.4# SLURRY VOL 40 BBL WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 20.5 BBL DISPLACEMENT PSI 600 MAX PSI 1100 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break circulation w/ 15 BBL fresh water. Pump 4 sks Gel flush, 12 BBL dye water. Mixed 135 sks Thick Set Cement w/ 5" Kol-Seal per/sk @ 13.4# per/gal yield 1.69. Wash out Pump & Lines. Shut down. Release Plug. Displace w/ 20.5 BBL fresh water. Final Pumping Pressure 600 PSI. Bump Plug to 1100 PSI. Wait 2 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to Surface = 8 BBL Slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	40	MILEAGE	3.15	126.00
1126 A	135 SKS	Thick Set Cement	13.65	1842.75
1110 A	14 SKS	KOL-SEAL 5" per/sk	17.75	248.50
1118 A	4 SKS	Gel Flush	7.00	28.00
5407	7.42 TONS	TON Mileage Bulk Truck	MIC	275.00
4404	1	4 1/2 Top Rubber Plug	40.00	40.00
4129	1	4 1/2 Centralizer	29.00	29.00
4161	1	4 1/2 AFU Float Shoe	146.00	146.00
Sub TOTAL				3535.25
SALES TAX 6.3%				147.06
ESTIMATED TOTAL				3682.31

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Thank You

AUTHORIZATION Bob McCoy TITLE \_\_\_\_\_

DATE \_\_\_\_\_



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Blue Jay Oper. CONFIDENTIAL  
WELL ENGINEERING DRILLING REPORT

DATE: 1-30-06

RIG:

SUPV:

RPT TIME

WELL NAME: Lisher A-3

POOL: \_\_\_\_\_ SEC. J23 TW 28  
PROJECT # \_\_\_\_\_ API# \_\_\_\_\_  
AFE Cost \_\_\_\_\_ Dry Hole Cost = \_\_\_\_\_

RANGE \_\_\_\_\_  
County: Wilson State: KS  
Csg Hole Cost = \_\_\_\_\_

DEPTH \_\_\_\_\_ DAYS \_\_\_\_\_ FOOTAGE MADE \_\_\_\_\_ HRS DRLC \_\_\_\_\_

PRESENT OPERATIONS:

24 HR SUMMARY

24 FORECAST

Bit Wt: \_\_\_\_\_ RPM \_\_\_\_\_ Torque: \_\_\_\_\_ ft/lb

AIR COMPRESSOR

SURVEYS

Stats

Make	Model	HP	CFM	RPM	Pressure	Depth	Angle	Dir.	Spud Time:
									12:00 PM
									Date: 1-30-06
									KB Elev.:
									G.L. Elev. 918

Bit No.	Size	Make	Type	Ser.No.	Jets	In	Out	FTG	Hrs.	API Grade

Last Csg. Size: 8 1/2 Set@: 40 ft Burst: \_\_\_\_\_  
Next Csg. Size: 7 1/2 Set@: 1289 ft

COSTS

Pipe	Size	Lbs/ft	Grade	O.D.	I.D.	Type	Total Ft	Code	Items	Previous	Daily	Cum.
									Location/Roads	300		300
DP									Rig-Footage	10,416		10,416
DC									Rig-Daywork			
									Water		600	600
									Frac Tanks			
									Mud & Chem.			
									Rental Tools			
									Cement & Ser.	80	1682	1762
									Open Hole Log		1750	1750
									Trucking			
									Contract Sup.	700	700	1450
									Casing Crew		1100	1100
									Miscellaneous			
									Casing Prod		8544	8544
									Surf Casing	700		700
									Cement Equip.		200	200
									Wellhead		100	100
									B.O.P.			
									Prev.	12,196		
									Day Total		16,676	
									Cum.:			38,872

OPERATIONS

HRS \_\_\_\_\_ Comments \_\_\_\_\_  
MERU Usage Nike 1140  
109 Weh W

MERU Bit/Tool Weh Ser. Run 30 ft  
of 1/2 10/5 # 1289 ft

MERU C 15 to cut Weh W Break  
Circulation well at 1100 ft  
135 gals of thick slurry cut. 0 RPM 13.4 ft  
600 ft. Pump plug at 1100 ft. OK  
Circulate 8 MBLS Slurry to surface.  
RPM 0

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