

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

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. _____

1/31/06	2/1/06	3/1/06
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-205-26203-0000
County: Wilson
S2 S2 SE4 NE4 Sec. 33 Twp. 28 S. R. 14 East West
2800' feet from (S) N (circle one) Line of Section
660' 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-5
Field Name: Cherokee Basin Coal Gas

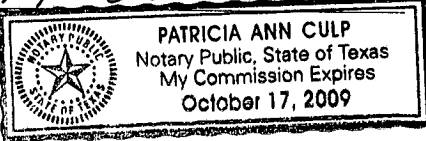
Producing Formation: See Perforating Records
Elevation: Ground: 890' Kelly Bushing: _____
Total Depth: 1277' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 42' Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from bottom casing
feet depth to surface _____ w/ 135 _____ sx cm.
ALF II NH 6-4-08

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: RECEIVED
Lease Name: APR 24 2006 License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: KCC WICHITA 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: [Signature]
Title: MCP 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
 Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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Operator Name: Blue Jay Operating LLC

Lease Name: Lisher

Well #: A-5

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

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	8	
Long String	6 3/4"	4 1/2"	10.5	1265'	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				

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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	888'-890' - Mulky - 8 shots total	Mav Foam carrying 16000# 16/30 Brady Sand	
4	957'-960' - Bevier; 975'-977' - Crowburg - 20 shots total	Mav Foam carrying 15000# 16/30 Brady Sand	
4	1067'-1071' - Weir - 16 shots total	Mav Foam carrying 12000# 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. 3/1/06		Producing Method <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
		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 _____

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 #: 15-205-26203-00-00				Location: S2, S2, SE4, NE4			
Operator: Blue Jay Operating LLC				County: Wilson			
4916 Camp Bowie Suite 204							
Fort Worth, TX 76107							
				Gas Tests			
Well #:	A-5	Lease Name:	Lisher	Depth	Pounds	Orifice	flow - MCF
Location:	2800 ft. from S	Line		303	1	3/8"	19
	660 ft. from E	Line		830	Gas Check Same		
Spud Date:	1/31/2006			905	1 1/2"	3/8"	23.3
Date Completed:	2/1/2006	TD:	1277	1080	Gas Check Same		
Driller:	Jeff Thompson			1177	Gas Check Same		
Casing Record	Surface	Production					
Hole Size	11 1/4"	6 3/4"					
Casing Size	8 5/8"						
Weight	26#						
Setting Depth	42'						
Cement Type	Portland						
Sacks	8						
Feet of Casing	42' 6"						
Rig Time	Work Performed						

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Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	7	OB	483	490	shale	753	801	shale
7	125	shale	490	506	lime	801	804	lime
125	128	lime	506	522	sand/ shale	804	805	coal
128	153	shale	522	628	lime	805	809	shale
153	218	lime	530		Inject Water	809	832	Pink lime
218	227	sand	550		A lot of Water	832	866	shale
		No Show	628	669	shale	866	885	Oswego- lime
227	243	sand/ shale	669	687	lime	885	891	Summit
243	289	lime	687	698	shale	891	897	lime
		Gas	698	712	lime	897	903	Mulky
289	299	sand	712	721	shale	903	906	lime
		No Show	721	731	sand	906	911	sand/ shale
299	341	shale			No Show	911	923	Sand
341	349	lime	731	737	shale			Oil
349	371	shale	737	753	sand	923	957	sand/ shale
371	483	lime			No Show	957	958	coal



12701 ENERGY RD · FT. MORGAN, CO. 80701 · PH (970) 867-2766 · FAX (970) 867-6922

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

March 2, 2006

Blue Jay - Lisher #A-5

Mulky (888 - 890', 4 spf), 8 shots total.

Started with a pump-in (630 gallons gelled water), followed by 500 gals of 7.5% HCl, flushed with 630 gals gelled water. Started treatment with a pad of 4200 gallons of MavFoam C70, followed by 7750 gals of MavFoam C70 carrying 16000 lbs 16/30 Arizona Sand at 1.0 to 3.0 ppg downhole. The treatment was flushed to the top perforation with 592 gal gelled water. A total of 162,000 SCF of N₂ was used.

Started with a pump-in, STP-524, BH-545. Started acid @ 4.5 bpm, STP-630, BH-994. The formation broke down at 1367 psi after acid hit bottom. Started flush @ 5 to 12 bpm, STP-727, BH-1130. Started Pad @ 15 bpm, STP-969, BH-1205; rate was increased from 16 bpm to 18 bpm due to falling pressure. Initial FQ was 68. Sand stages were as follows: Started 1#, STP-1227, BH-1305, FQ-72. Started 2#, STP-1380, BH-1463, FQ-75. Started 3#, STP-1255, BH-1368, FQ-72. Started Flush, STP-1233, BH-1359, FQ-70. Pad through sand stages were pumped @ 15-18 bpm downhole. Foam quality was maintained at 72Q. Max pressure was 1430 psi. Average rate was 18 bpm at 1305 psi surface (1410 psi bottomhole). ISIP - 703 psi; 5 min - 546 psi, 10 min - 527 psi, 15 min - 521 psi.

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

March 1, 2006

Blue Jay - Lisher #A-5

Bevier (957 - 960', 4 spf), 12 shots.
Crowburg (975- 977', 4 spf), 8 shots; 20 shots total.

Started with a pump-in (88 gallons gelled water), followed by 500 gals of 7.5% HCl, flushed with 420 gals gelled water. Started treatment with a pad of 4200 gallons of MavFoam C70, followed by 7500 gals of MavFoam C70 carrying 15000 lbs 16/30 Brady Sand at 1.0 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 638 gal gelled water, and over flushed with 84 gal gelled water. A total of 120,000 SCF of N₂ was used.

Dump bailed 10 gal 15% HCl acid after perforating the stage, before beginning the frac. Started with a pump-in, STP-46, BH-96; the formation broke at 3112 psi. Started acid @ 4.5 bpm, STP-2341, BH-2124. Started flush @ 6 to 12 bpm, STP-1929, BH-2083. The formation broke again at 2443 psi when acid hit bottom. Started Pad @ 15 bpm, STP-811, BH-1183. Initial FQ was 67. Sand stages were as follows: Started 1#, STP-1027, BH-1113, FQ-72. Started 2#, STP-1025, BH-1139, FQ-72. Increased rate to 16 bpm during 2# due to drop in pressure. Started 3#, STP-1024, BH-1163, FQ-72. Started Flush, STP-1008, BH-1153, FQ-72. Pad through sand stages were pumped @ 15-16 bpm downhole. Foam quality was maintained at 72Q. Max pressure was 3112 psi. Average rate was 16 bpm at 1025 psi surface (1140 psi bottomhole). ISIP - 578 psi; 5 min - 510 psi, 10 min - 486 psi, 15 min - 471 psi.

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MAVERICK
STIMULATION COMPANY, LLC

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

March 1, 2006

Blue Jay - Lisher #A-5

Weir (1067 - 1071', 4 spf), 16 shots total.

Started with 500 gals of 7.5% HCl flushed with 630 gallons gelled water. Started treatment with a pad of 4690 gallons of MavFoam C70, followed by 6466 gals of MavFoam C70 carrying 12000 lbs 16/30 Brady Sand at 1.0 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 714 gal gelled water, and over flushed with 84 gal gelled water. A total of 140,000 SCF of N₂ was used.

Formation broke down at 1963 psi. Started acid @ 4.5 bpm, STP-0, BH-48. Started flush @ 6 to 11 bpm, STP-0, BH-124. Started Pad @ 15 bpm, STP-1181, BH-1203; rate was increased from 16 bpm to 17 bpm due to falling pressure. Initial FQ was 70→54→72. Sand stages were as follows: Started 1#, STP-1211, BH-1293, FQ-72. Started 2#, STP-1279, BH-1375, FQ-76. Increased rate to 18 bpm during 2# because of declining pressure. Started 3#, STP-1235, BH-1377, FQ-72. Started Flush, STP-1219, BH-1362, FQ-69. Pad through sand stages were pumped @ 15-18 bpm downhole. Foam quality was maintained at 72Q. Max pressure was 1963 psi. Average rate was 17 bpm at 1215 psi surface (1345 psi bottomhole). ISIP - 725 psi; 5 min - 701 psi, 10 min - 676 psi, 15 min - 662 psi.

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CONSOLIDATED OIL WELL SERVICES, INC.

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TICKET NUMBER

08206

P.O. BOX 884, CHANUTE, KS 66720

MAR 27 2006

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
2-2-06	1294	Lisher # A-5	33	285	14E	Wilson
CUSTOMER <u>Blue Jay Operating</u>			TRUCK #			
MAILING ADDRESS <u>4916 Camp Bowie Blvd. Ste 204</u>			DRIVER		TRUCK #	
CITY <u>FORTWORTH</u>			DRIVER		TRUCK #	
STATE <u>Tx.</u>			DRIVER		TRUCK #	
ZIP CODE <u>76107</u>			DRIVER		TRUCK #	

JOB TYPE <u>Longstring</u>	HOLE SIZE <u>6 3/4</u>	HOLE DEPTH <u>1277'</u>	CASING SIZE & WEIGHT <u>4 1/2 10.5 # New</u>
CASING DEPTH <u>1265</u>	DRILL PIPE	TUBING	OTHER
SLURRY WEIGHT <u>13.4 #</u>	SLURRY VOL <u>40 BBL</u>	WATER gal/sk <u>8.0</u>	CEMENT LEFT in CASING <u>0'</u>
DISPLACEMENT <u>20.2 BBL</u>	DISPLACEMENT PSI <u>600</u>	MAX PSI <u>1000 Bump Plug</u>	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/ 20.2 BBL Fresh Water. Final Pumping Pressure 600 psi. Bump Plug to 1000 psi. Wait 2 minutes. Release Pressure. Float Held. Shut casing in @ 0 psi. Good Cement Returns to Surface = 7 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 Ton	Mileage Bulk Truck KCC WICHITA	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
Thank you			6.3%	SALES TAX 147.06
			ESTIMATED TOTAL	3682.31

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AUTHORIZATION Bob McNew

TITLE _____ DATE _____

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Blue Jay Oper.
WELL ENGINEERING DRILLING REPORT

DATE: 2-2-06
RIG:
SUPV:
RPT TIME

WELL NAME: Lisher A-5
POOL:
PROJECT #
AFE Cost
SEC. 33 TW 28
API#
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:
									11:00 AM
									Date: 2-2-06
									KB Elev.:
									C.L. Elev. 890'

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

Last Csg. Size: 8 5/8 Set@: 40 ft
Next Csg. Size: 4 1/2 Set@: 1265 ft
Burst: _____

								COSTS				
Pipe	Size	lbs/ft	Grade	O.D.	I.D.	Type	Total Ft	Code	Items	Previous	Daily	Cum.
DP									Location/Roads	300		300
DC									Rig-Footage	10,216		10,216
									Rig-Daywork			
									Water		600	600
									Frac Tanks			
									Mud & Chem.			
									Rental Tools			
									Cement & Ser.	80	3682	3762
									Open Hole Log		1750	1750
									Trucking			
									Contract Sup.	700	700	1400
									Casing Crew		1100	1100
									Miscellaneous			
									Casing Prod		8382	8382
									Surf Casing	700		700
									Cement Equip.		200	200
									Wellhead		100	100
									B.O.P.			
									Prev.	11,996		
									Day Total		11,514	
									Cum.:			28,510

HRS	OPERATIONS
	Comments
	MTRV Usage Wire Line log NRHW
	MTRV Casing, Well Ser. Run 30-75 4 1/2" O.D. CASING, LAND AT 1265.
	MTRV CTS TO CMT. Well Break Circulate with flush mix 4 DUMP 135 Sks. Thick set cmt. 13.5% W/BPM 600# Dump plug at 1000' CK Dist OK. Circulate 7 BBS Slurry to surface. RDMO

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