

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 # 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. \_\_\_\_\_

4/22/05 4-26-05 6/8/05  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

API No. 15 - 205-26035-0000  
County: Wilson  
N2 NE4 NW4 \_\_\_\_\_ Sec. 11 Twp. 20 S. R. 14  East  West  
330' feet from S (N) (circle one) Line of Section  
1915' 1910 feet from E (W) (circle one) Line of Section  
KCC W/M  
Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE (NW) SW  
Lease Name: Thiessen Well #: A-3  
Field Name: Cherokee Basin Coal Gas

Producing Formation: See Perforating Record  
Elevation: Ground: 907' Kelly Bushing: NA  
Total Depth: 1324' Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 40' 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/ 150 sx cmt.  
ACT II WITHIN 9-25-06

Drilling Fluid Management Plan  
(Data must be collected from the Reserve Pit)  
Chloride content NA ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used Pump  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: Rick's Tank Truck Service  
Lease Name: Sheet's Lease A-1 License No.: 17648-00  
Quarter NE4 Sec. 11 Twp. 28N S. R. 13E  East  West  
County: Washington, OK Docket No.: 826163

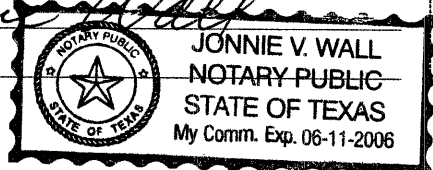
**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information 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: \_\_\_\_\_  
Title: \_\_\_\_\_ Date: 10-11-05

Subscribed and sworn to before me this 11th day of October,  
2005.

Notary Public: \_\_\_\_\_  
Date Commission Expires: \_\_\_\_\_



**KCC Office Use ONLY**  
DENY Letter of Confidentiality Received  
YES If Denied, Yes  Date: 10-24-2005  
NA Wireline Log Received  
Geologist Report Received  
UIC Distribution

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ORIGINAL

Operator Name: Blue Jay Operating, LLC Lease Name: Thiessen Well #: A-3B  
 Sec. 11 Twp. 20' 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  
 Bond Log

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum  
**Driller 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	12.25"	8 5/8"	26	40'	Portland	8	
Long String	6.75"	4 1/2"	10.5	1313'	Thickset Cement	150	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	Mulky 910'-914'	Foam Frac: Mulky 12000# 16/30 sand	
4	Bevier 959'-963'; Crowburg 979'-981'	Foam Frac: Bevier/Crowburg 12000# 16/30 sand	
4	Flemming 1019'-1022'; Mineral 1035'-1037'	Foam Frac: Flemming/Mineral 10000# 16/30 sand	

TUBING RECORD		Size	Set At	Packer At	Liner Run
					<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr, 6/15/05		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-1B.)  
 METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
 Other (Specify) \_\_\_\_\_

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ORIGINAL

# Charlotte 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

620-763-2619/ KS Office; 620-432-6170/Jeff Kephart Cell; 620-763-2065/FAX

Rig #:	CW			S 11 T 30S R 14E				
API #:	15-205-26035-00-00			Location N2, NE4, NW4				
Operator:	Blue Jay Operating LLC			County: Wilson				
	4916 Camp Bowie Suite 204			05LD-042605-CW-017-Thiessen A-3B - BJO				
	Fort Worth, TX 76107			<b>Gas Tests</b>				
Well #:	A-3B	Lease Name:	Thiessen	Depth	Pounds	Orifice	flow - MCF	
Location:	330	ft. from N	Line	827	2 1/2	1/8"	4.42	
	1915	ft. from W	Line	927	5	1/4"	20.7	
Spud Date:	4/22/2005			1047	Gas Check Same			
Date Completed:	4/26/2005	TD:	1324	1127	3 1/2	1/4"	17.1	
Geologist:				1224	5	1/4"	20.7	
<b>Casing Record</b>	<b>Surface</b>		<b>Production</b>					
Hole Size	11"		6 3/4"					
Casing Size	8 5/8"							
Weight	26#							
Setting Depth	40'							
Cement Type	Portland							
Sacks	8							
Feet of Casing	40'							
Rig Time	Work Performed							
<b>Well Log</b>								
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	49	lime	638	675	sand/ shale	934	1003	sand/ shale
49	63	shale	675	686	lime	1003	1004	coal
63	112	lime	686	729	sand/ shale	1004	1026	sand/ shale
112	243	shale	729	763	sand- no show	1026	1028	coal
243	254	lime	763	804	sand/ shale	1028	1030	shale
254	259	shale	804	805	coal	1030	1058	oil/ sand
259	260	coal	805	808	shale	1058	1067	sand/ shale
260	323	sand- no show	808	829	pink lime- oil	1067	1109	oil/ sand
323	390	sand/ shale	829	867	shale	1109	1124	sand/ shale
390	484	lime	867	887	oswego lime	1124	1141	sand- little odor
484	488	shale	887	897	summit	1141	1181	sand/ shale
488	524	sand- no show	897	906	lime	1181	1211	shale
524	547	lime	906	914	mulky	1211	1214	coal
547	568	shale	914	916	lime	1214	1221	shale
568	588	lime	916	932	shale	1221	1324	mississippi lime
588	638	shale	932	934	coal	1324		Total Depth

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CONSOLIDATED OIL WELL SERVICES, INC.  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER 3690  
 LOCATION EUREKA  
 FOREMAN Kevin McCoy

TREATMENT REPORT & FIELD TICKET  
 CEMENT

Troy Strickler  
 ORIGINAL

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
4-27-05		Thiessen # A3-B	11	305	14E	Wilson	
CUSTOMER		Go-Joe Field Service		TRUCK #	DRIVER	TRUCK #	DRIVER
Blue Jay Operating				445	Kevin		
MAILING ADDRESS				440	LARRY		
4916 Camp Bowie Blvd Ste 204				452 T63	JIM		
CITY	STATE	ZIP CODE					
Fortworth	Tx	76107					

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1324' CASING SIZE & WEIGHT 4 1/2 10.5# New  
 CASING DEPTH 1313 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.4# SLURRY VOL 45 Bbl WATER gal/sk 8.0 CEMENT LEFT in CASING 0'  
 DISPLACEMENT 21 Bbl DISPLACEMENT PSI 200 ~~PSI~~ 1200 Bump Plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 22 Bbl Fresh water. Pump 2 sks Gel flush. 12 Bbl Dye water. Mixed 150 sks Thick Set Cement w/ 5# K&L-Seal per/sk @ 13.4# per/gal, yield 1.69. Wash out Pump & Lines. Shut down. Release Plug. Displace w/ 21 Bbl fresh water. FINAL Pumping Pressure 700 psi. Bump Plug to 1200 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	750.00	750.00
5406	60	MILEAGE	2.45	147.00
1126 A	150 SKS	Thick Set Cement	12.70	1905.00
1110 A	15 SKS	K&L-Seal 5# per/sk	16.55	248.25
1118	2 SKS	Gel flush	13.00	26.00
5407	8.25 TONS	Ton Mileage	MIC	235.00
4404	1	4 1/2 Top Rubber Plug	37.00	37.00
4156	1	4 1/2 Float shoe flapper Valve	121.00	121.00
4129	1	4 1/2 Centralizer	27.00	27.00
5501 C	4 Hrs	Water Transport	86.00	344.00
1123	5670 gals	City water	12.10 <sup>per 1000</sup>	68.61
			Sub total	3908.86
			SALES TAX 6.3%	153.27

AUTHORIZATION Bob McCoy

TITLE \_\_\_\_\_

ESTIMATED TOTAL 4062.13  
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**MAYERICK**  
**STIMULATION COMPANY, LLC**

12701 ENERGY RD · FT. MORGAN, CO. 80701 · PH (970) 867-2766 · FAX (970) 867-5822

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

May 18, 2005

**Blue Jay - Thiessen A-3B - Stage C**

Mulky (910'-914', 4 spf), 16 shots total.

Started with 756 gals gelled water and 500 gals of 7.5% HCl. Followed with 580 gal gelled water flush. Started treatment with a pad of 4956 gallons of MavFoam C70, followed by 6000 gals of MavFoam C70 carrying 12000 lbs 16/30 Arizona Sand at 1.0 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 609 gal gelled water. A total of 115,000 SCF of N<sub>2</sub> was used.

Started Pump In, STP-619, BH-647, formation broke down at 3840 psi, but pressure remained high for rates above 1 bpm. Shut down and dump bailed 10 gals 15% HCl. Resumed pump in, formation broke down at 2212 psi. Started acid @ 3 bpm, STP-1853, BH-1993. Started Flush, STP-1767, BH-2048. Started Pad, STP-828, BH-1124. Initial FQ was 59. Sand stages are as follows: Start 1#, STP-1078, BH-1160, FQ-71. Start 2#, STP-1110, BH-1221, FQ-71. Start 3#, STP-1113, BH-1242, FQ-71. Start Flush, STP-1142, BH-1263, FQ-71. Pad through sand stages were pumped @ 15-19 BPM downhole. FQ averaged 71Q. Max pressure was 3840. Average rate was 18 bpm at 1099 psi surface (1227 psi bottomhole). ISIP was 645 psi (FG = 1.140); 5 min - 536 psi, 10 min - 505 psi, 15 min - 488 psi.

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

May 18, 2005

**Blue Jay - Thiessen A-3B - Stage B**

Bevier (959'-963', 4 spf), Crowburg (979'-981', 4 spf), 24 shots total.

Started with 84 gals gelled water and 500 gals of 7.5% HCl. Followed with 529 gal gelled water flush. Started treatment with a pad of 4872 gallons of MavFoam C70, followed by 6000 gals of MavFoam C70 carrying 12000 lbs 16/30 Arizona Sand at 1.0 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 638 gal gelled water, then overflushed with 84 gal. A total of 126,000 SCF of N<sub>2</sub> was used.

Started Pump In, STP-22, BH-64, formation broke down at 2985 psi. Started acid @ 2.5 bpm, STP-2027, BH-2121. Started Flush, STP-2097, BH-2186. Started Pad, STP-1208, BH-1424. Initial FQ was 54. Sand stages are as follows: Start 1#, STP-1323, BH-1405, FQ-71. Start 2#, STP-1334, BH-1451, FQ-71. Start 3#, STP-1322, BH-1429, FQ-72. Start Flush, STP-1330, BH-1438, FQ-71. Pad through sand stages were pumped @ 15-23 BPM downhole. FQ averaged 71Q. Max pressure was 2985. Average rate was 20 bpm at 1327 psi surface (1436 psi bottomhole). ISIP was 736 psi (FG =1.192); 5 min - 572 psi, 10 min - 539 psi, 15 min - 519 psi.

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

May 17, 2005

**Blue Jay - Thiessen A-3B - Stage A**

Flemming (1019'-1022', 4 spf), Mineral (1035'-1037', 4 spf), 20 shots total.

Started with 500 gals of 7.5% HCl. Followed with 370 gal gelled water flush. Started treatment with a pad of 5000 gallons of MavFoam C70, followed by 4500 gals of MavFoam C70 carrying 10000 lbs 16/30 Arizona Sand at 1.0 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 680 gal gelled water, then overflushed with 42 gal. A total of 109,000 SCF of N<sub>2</sub> was used.

Started acid @ 4 bpm, STP-0, BH-44. Started Flush, STP-898, BH-1078, formation broke down at 1435 psi. Started Pad, STP-907, BH-1168. Initial FQ was 67. Sand stages are as follows: Start 1#, STP-1132, BH-1214, FQ-71. Start 2#, STP-1121, BH-1231, FQ-72. Start 3#, STP-1151, BH-1278, FQ-72. Start Flush, STP-1198, BH-1336, FQ-71. Pad through sand stages were pumped @ 15-19 BPM downhole. FQ averaged 71Q. Max pressure was 1435. Average rate was 18 bpm at 1139 psi surface (1272 psi bottomhole). ISIP was 772 psi (FG =1.184); 5 min - 670 psi, 10 min - 627 psi, 15 min - 604 psi.

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