

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. _____

<u>3/9/05</u>	<u>3/11/05</u>	<u>4/20/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-25994-0000
County: Wilson
SE NW Sec. 1 Twp. 30 S. R. 14 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: Willard Well #: A-7
Field Name: Cherokee Basin Coal Gas

Producing Formation: See Perforating Record
Elevation: Ground: 921 Kelly Bushing: NA
Total Depth: 1195' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 41' 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/ 130 sx cmt.
ALT II WITH 9-25-06

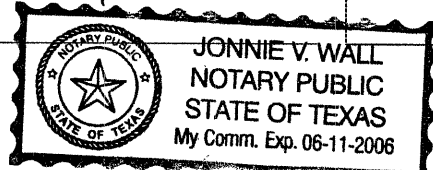
Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content NA ppm Fluid volume _____ bbls
Dewatering method used Pump
Location of fluid disposal if hauled offsite: _____
Operator Name: Rick's Tank Truck Service
Lease Name: Sheet's Lease A-1 License No.: 17648-00
Quarter: 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
20 05.
Notary Public: Jonnie Wall
Date Commission Expires: _____

KCC Office Use ONLY
Deny Letter of Confidentiality Received
If Denied, Yes Date: 10-26-2005
YES Wireline Log Received
NO Geologist Report Received
____ UIC Distribution
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Operator Name: Blue Jay Operating, LLC Lease Name: Willard Well #: A-7
 Sec. 1 Twp. 30 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 <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: High Resolution Compensated Density/Neutron Log Bond Log	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum Driller 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	12.25"	8 5/8"	26	41'	Portland	8	
Long String	6.75"	4 1/2"	10.5	1186'	Thickset Cement	130	See Attached

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
4	Mulky895'-898'	Foam Frac: Mulky 9000# 16/30 sand	
4	Bevier 946'-950'; Crowburg 967'-969'	Foam Frac: Bevier/Crowburg 12000# 16/30 sand	
4	Flemming 1009'-1012'; Mineral 1026'-1028'; Scamman 1036'-1038'	Foam Frac: Flemming/Mineral/Scamman 14000# 16/30 sand	
4	Tebo 1058'-1060'; Weir 1065'-1068'	Foam Frac: Tebo/Weir 3700# 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 Enthr. 4/27/05		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		METHOD OF COMPLETION		Production Interval	
<input type="checkbox"/> Vented	<input checked="" type="checkbox"/> Sold	<input type="checkbox"/> Used on Lease	<input type="checkbox"/> Open Hole	<input checked="" type="checkbox"/> Perf.	<input type="checkbox"/> Dually Comp.
<i>(If vented, Submit ACO-18.)</i>		<input type="checkbox"/> Other (Specify)		<input type="checkbox"/> Commingled	

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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 1	T 30	R 14
API #:	15-205-25994	Location SE, NW		
Operator:	Blue Jay Operating LLC	County: Wilson		

4916 Camp Bowie Suite 204		Gas Tests					
Fort Worth, TX 76107							
Well #:	A-7	Lease Name:	Willard	Depth	Pounds	Orifice	flow - MCF
Location:	1980 ft. from (N) S Line			802	No Flow		
	1980 ft. from (E) W Line			902	6#	1/4"	22.9
Spud Date:	3/9/2005			962	5#	1/4"	20.7
Date Completed:	3/11/2005	TD:	1195	1022	Gas Check Same		
Geologist:				1077	7#	1/4"	25
Casing Record	Surface	Production		1127	3#	1"	242
Hole Size	11"	6 3/4"					
Casing Size	8 5/8"						
Weight	26#						
Setting Depth	41'						
Cement Type	Portland						
Sacks	8 W						
Feet of Casing	41' C						
Rig Time	Work Performed						

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	39	lime	552	573	lime	872	882	Summit coal
39	42	shale	573	657	shale	882	890	lime
42	98	lime	657	661	lime	890	897	Mulky coal
98	235	shale	661	690	shale	897	900	lime
235	238	lime	690	704	lime	900	943	shale
238	241	shale	704	711	shale	943	944	coal
241	316	sand	711	719	lime	944	967	shale
241	316	wet	719	721	shale	967	1019	sand/shale
316	321	lime	721	764	sand	1019	1021	coal
321	378	sand/shale	764	790	shale	1021	1037	shale
378	459	lime	790	791	coal	1037	1038	coal
459	481	shale	791	796	shale	1038	1051	sand
481	482	coal	796	815	Pink lime	1038	1051	oil
482	501	sand/shale	796	815	oil	1051	1052	coal
501	527	lime	815	855	shale	1052	1061	shale
527	552	shale	855	872	Oswego lime	1061	1063	coal

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

March 31, 2005

Blue Jay - Willard A#7 - Stage D

Mulky (895'-898', 4 spf), 12 shots total.

Started pump in with 756 gals gelled water. Started treatment with a pad of 6440 gallons of MavFoam C70, followed by 4500 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 596 gal gelled water. A total of 141,000 SCF of N₂ was used.

Started pump in, formation did not break down. Pressures remained steady around 700 psi during pump in, so decided to go directly to pad. Started Pad, STP-1143, BH-1405. Initial FQ was 53. Sand stages are as follows: Start 1#, STP-1450, BH-1507, FQ-71. Start 2#, STP-1492, BH-1576, FQ-70. Start 3#, STP-1440, BH-1521, FQ-71. Start Flush, STP-1476, BH-1571, FQ-71. Pad through sand stages were pumped @ 15-25 BPM downhole. FQ averaged 71Q. Max pressure was 1503. Average rate was 23 bpm at 1459 psi surface (1541 psi bottomhole). ISIP was 814 psi; 5 min - 708 psi, 10 min - 652 psi, 15 min - 659 psi.

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

March 31, 2005

Blue Jay - Willard A#7 - Stage C

Bevier (946'-950', 4 spf), Crowburg (967'-969', 4 spf), 24 shots total.

Started with 336 gals gelled water and 500 gals of 7.5% HCl. Followed with 500 gal gelled water flush. Started treatment with a pad of 5000 gallons of MavFoam C70, followed by 6000 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 630 gal gelled water, then overflushed with 42 gal. A total of 124,000 SCF of N₂ was used.

Started pump in, formation broke down at 3856 psi. Started acid @ 2.5 bpm, STP-2066, BH-2239. Started Flush, STP-1619, BH-1891. Started Pad, STP-1206, BH-1515. Initial FQ was 55. Sand stages are as follows: Start 1#, STP-1290, BH-1363, FQ-72. Start 2#, STP-1297, BH-1396, FQ-72. Start 3#, STP-1318, BH-1433, FQ-72. Start Flush, STP-1269, BH-1388, FQ-72. Pad through sand stages were pumped @ 15-22 BPM downhole. FQ averaged 72Q. Max pressure was 3856. Average rate was 20.5 bpm at 1299 psi surface (1396 psi bottomhole). ISIP was 772 psi; 5 min - 648 psi, 10 min - 617 psi, 15 min - 597 psi.

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

March 31, 2005

Blue Jay - Willard A#7 - Stage B

Flemming (1009'-1012', 4 spf), Mineral (1026'-1028', 4 spf),
Scamman (1036'-1038', 4 spf), 28 shots total.

Started with 336 gals gelled water and 500 gals of 7.5% HCl. Followed with 630 gal gelled water flush. Started treatment with a pad of 6440 gallons of MavFoam C70, followed by 6500 gals of MavFoam C70 carrying 14000 lbs 16/30 Brady Sand at 1.0 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 672 gal gelled water, then overflushed with 42 gal. A total of 178,000 SCF of N₂ was used.

Started pump in, formation broke down at 3862 psi. Started acid @ 3 bpm, STP-3636, BH-3869. Started Flush, STP-3324, BH-3568. Started Pad, STP-1677, BH-2022. Initial FQ was 46. Sand stages are as follows: Start 1#, STP-1653, BH-1729, FQ-71. Start 2#, STP-1652, BH-1757, FQ-72. Start 3#, STP-1625, BH-1732, FQ-73. Start Flush, STP-1581, BH-1687, FQ-73. Pad through sand stages were pumped @ 15-25 BPM downhole. FQ averaged 72Q. Max pressure was 3862. Average rate was 22 bpm at 1656 psi surface (1718 psi bottomhole). ISIP was 960 psi; 5 min - 845 psi, 10 min - 815 psi, 15 min - 798 psi.

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STIMULATION COMPANY, LLC

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

March 30, 2005

Blue Jay -- Willard A#7 -- Stage A

Tebo (1058'-1060', 4 spf), Weir (1065'-1068', 4 spf), 20 shots total.

Started with 500 gals of 7.5% HCl. Followed with 462 gal gelled water flush. Started treatment with a pad of 5000 gallons of MavFoam C70, followed by 2350 gals of MavFoam C70 carrying 3700 lbs 16/30 Brady Sand at 1.0 to 2.0 ppg down hole. The treatment was flushed with 42 gals gelled water. A total of 113,000 SCF of N₂ was used.

Started acid @ 8 bpm, STP-0, BH-41. Started Flush, STP-0, BH-44. Formation broke down at 4000 psi. Started Pad, STP-1408, BH-1817. Initial FQ was 46. Sand stages are as follows: Start 1#, STP-1616, BH-1715, FQ-70. Start 2#, STP-1619, BH-1750, FQ-71. During 2# stage, pressure increased rapidly to 3624 psi. Start Flush, STP-3624, BH-3620, FQ-65. Screened out 1 Bbl into flush, leaving 1400 lbs (156 ft.) of fill in pipe. Pad through sand stages were pumped @ 15-19 BPM downhole. FQ averaged 71Q. Max pressure was 4000. Average rate was 18 bpm at 1617 psi surface (1739 psi bottomhole). ISIP was 4000 psi.

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