

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

Form ACO-1
September 1999
Form Must Be Typed

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: WELL REFINED DRILLING CO INC
License: 3307L
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>10/8/04</u>	<u>10/12/04</u>	<u>4/14/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-25854-0000
County: Wilson
NW NW SE Sec. 11 Twp. 30 S. R. 14 East West
2310' feet from S N (circle one) Line of Section
2310' feet from E W (circle one) Line of Section

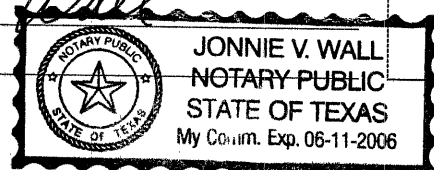
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Willard Well #: A-6
Field Name: Cherokee Basin Coal Gas
Producing Formation: See Perfs
Elevation: Ground: 926' Kelly Bushing: NA
Total Depth: 1328' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 42' 9" 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/ 180 _____ sx cmt.
ALT II WITHM 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.: 17648-0
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: 10-24-05
Subscribed and sworn to before me this 11th day of October
2005
Notary Public: Jonnie Wall
Date Commission Expires: _____



KCC Office Use ONLY

DENY Letter of Confidentiality Received
If Denied, Yes Date: 10-24-2005
YES Wireline Log Received
NO Geologist Report Received
NO UIC Distribution

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15-205-25854-00-00

Side Two

ORIGINAL

Operator Name: Blue Jay Operating, LLC Lease Name: Willard Well #: A-6
 Sec. 11 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Driller Log Enclosed	
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
List All E. Logs Run:			
High Resolution Compensated Density/Neutron Log Bond Log, DIL			

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	42' 9"	Portland	11	
Long String	6.75"	4 1/2"	10.5	1316'	60/40 PozMix Ce,emt	180	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 <i>(Amount and Kind of Material Used)</i>	Depth
4	Mulky - 915'-919'	Frac - Mulky 12000# 16/30 sand	
4	Bevier - 966'-969'; Crowburg 983'-985'	Foam Frac: Bevier/Crowburg 10000# 16/30 sand	
4	Flemming - 1022'-1025'	Foam Frac - Flemming 6000# 16/30 sand	

TUBING RECORD	Size	Set At	Packer At	Liner Run
				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
4/21/05	<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

Production Interval Other (Specify) _____

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15-205-25854-00-00

ORIGINAL

Well Refined Drilling Company, Inc.

4270 Gray Road - Thayer, KS 66776

Contractor License # 33072

620-763-2619/Office; 918-440-0976/Lowell Pocket; 620-432-6170/Jeff Pocket; 620-763-2065/FAX

Rig #:	2			S 11 T 30 R 14E			
API #:	15205-25854-0000			Location NW, NW, SE			
Operator:	Blue Jay Operating LLC			County: Wilson			
	4916 Camp Bowie						
	Fort Worth, TX 76107						
Well #:	A-6	Lease Name: Willard		Depth	Pounds	Orifice	flow - MCF
Location:	2310	ft. from (N / S)	Line	739	0#	1/8"	0
	2310	ft. from (E / W)	Line	814	2#	1/8"	3.92
Spud Date:	10/8/2004			905	2#	1/8"	3.92
Date Completed:	10/12/2004	TD:	1328	928	5#	1/8"	6.39
Geologist:				1039	5#	1/8"	6.39
Casing Record	Surface	Production		1089	5#	1/8"	6.39
Hole Size	12 1/4"	6 3/4"		1114	5#	1/8"	6.39
Casing Size	8 5/8"			1139	5#	1/8"	6.39
Weight				1240	5#	1/8"	6.39
Setting Depth	42' 9"			1325	5#	1/8"	6.39
Cement Type	Portland						
Sacks:	11	W					
Feet of Casing	42' 9"	C					
Rig Time	Work Performed						

HAVE RIG
Rig #2
WILL DIG

Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	Overburden	299	324	shd/shl strks	553	560	mg shl/l strks
1	2	clay	324	329	sand	560	574	dg shl/l strks
2	4	clay/l strks	329	330	coal	574	606	lime
4	6	clay/lime	330	342	g shl/l strks	606	608	black shale
6	10	shale/lime	342	345	lime	608	622	dg shl/l strks
10	13	lime	345	352	mg shl/l strks	622	624	lime
13	27	lime/shale	352	415	lime	624	632	dg shl/l strks
27	68	lime	415	420	dg shl/l strks	632	633	lime/shl strks
68	107	l/shale strks	420	421	lime	633	650	g shl/l strks
107	125	lime	421	422	dg shl/l strks	650	653	lime
125	127	g shl/l strks	422	492	lime	653	656	g shl/lime
127	134	lime	492	497	black shale	656	669	lime
134	148	g shl/l strks	497	504	lime	669	680	g shl/l strks
148	154	lime	504	509	mg shl/l strks	680	684	lime
154	159	mg shl/l strks	509	515	shly sand	684	686	mg shl/lime
159	162	lime	515	525	mg sndy shale	686	690	lime
162	195	mg shl/l strks	525	530	mg shl/l strks	690	699	dg shl/l strks
195	299	mg sndy shl	530	553	lime	699	726	g sdy shale

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15-205-25854-00-00

NAL

Operator: Blue Jay Operating			Lease Name: Willard			Well # A-6		
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
726	735	mg shl/l strks	1049	1057	mg sdy shale			
735	736	coal	1057	1058	mg shl/snd strks			
736	741	g shl/l strks	1058	1059	coal/blk shl strks			
741	746	sand	1059	1061	dg shale			
746	750	lam snd/shale	1061	1063	mg shale			
750	760	g sdy shale	1063	1087	g shl/snd strks			
760	805	mg sdy shale	1087	1105	mg sdy shale			
805	811	mg shl/l strks	1105	1114	Bartlesville mg shl/snd			
811	814	lime	1105	1130	slight oil odor			
814	815	Mulberry coal	1114	1139	mg sdy shale			
815	818	lime/shl strks	1139	1147	mg shly sand			
818	840	Pink lime	1147	1152	mg sdy shale			
840	865	dg shale	1152	1156	mg shl/snd strks			
865	871	g shl/l strks	1156	1162	sd shale			
871	876	mg shl/l strks	1162	1167	sand			
876	891	lime	1167	1181	sand/coal strks			
891	899	lime/shl strks	1181	1185	mg sdy shale			
899	904	dg shale	1185	1188	sand			
904	915	lime	1188	1192	sd g shale			
915	917	dg shale	1192	1198	g shl/snd strks			
917	919	Mulky blk shale	1198	1219	dg shl/l strks			
919	920	coal	1219	1220	coal			
920	928	g shl/l strks	1220	1223	g shale			
928	935	mg shl/l strks	1223	1228	Mississippi chert			
935	964	dg shl/l strks			/chat l strks			
964	968	mg shl/l strks	1228	1252	chert/lime			
968	969	coal	1252	1274	tan/lime			
969	979	mg shl/l strks	1274	1286	g w chert/lime			
979	981	lime	1286	1310	g chert/l strks			
981	985	dg shale	1310	1325	tan/lime			
985	1002	g shl/l strks	1325		Total Depth			
1002	1021	mg shl/l strks						
1021	1023	coal						
1023	1033	g sdy shale						
1033	1049	mg shl/l strks						

Notes:

04LJ-101204-R2-066-Willard A-6 Blue Jay Operating

Abbreviations used: d=dark, g=gray, sh or shl=shale, snd or sd=sand, m=med, br=brown, chrt=chert, cht=chat, /=with, l=lime, w=white, strks or stks =streaks, lam=laminated, grn=green, mg=medium gray, b or blk=black, dg=dark gray, sdy=sandy, shly=shaley,

Keep Drilling - We're Willing !!

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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 2243
 LOCATION Fort Ka
 FOREMAN Brad Butler

15-205-25854-0000
TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-13-04		Willard # A-6	11	30s	14E	Wilson
CUSTOMER Blue Jay Operating			TRUCK #			
MAILING ADDRESS 4916 Camp Bowie Blvd, Suite 204			DRIVER			
CITY Fortworth			TRUCK #			
STATE Tx			DRIVER			
ZIP CODE 76107			TRUCK #			
			DRIVER			

JOB TYPE Logstring HOLE SIZE 6 3/4 HOLE DEPTH 1325' CASING SIZE & WEIGHT 4 1/2" - 10.5"
 CASING DEPTH 1316' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13³lb. SLURRY VOL 43 Bbl. WATER gal/sk _____ CEMENT LEFT in CASING 0'
 DISPLACEMENT 21 Bbls. DISPLACEMENT PSI 400 ~~900~~ Loaded Plug RATE 3 BPM

REMARKS: Safety Meeting: Rig up to 4 1/2" casing, Pump 10 Bbl. water Ahead, 10 Bbl. Gel Flush, 5 Bbl. water,
10 Bbl. Dye water Mixed 180 sks. 60/40 Pozmix cement w/ 2% Gel, 5% SAHT, 5" P/SK Gilsonite, 1/4" Flocele mixed
13³ lbs. P/SK. Shutdown - washout pump & lines - Release Plug - Displace Plug with 21 Bbls water.
Final pumping at 400 PSI - Bumped Plug To 900 PSI - wait 2 min. - Release Pressure
Float Held - close casing w/ O.P.S.T. - Job complete - Tear down
Good cement returns to surface with 9 Bbl. slurry

"Thank you"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	710.00	710.00
5406	60	MILEAGE	2.35	141.00
1131	180 SKS.	60/40 Pozmix cement	7.30	1314.00
1110	18 SKS.	Gilsonite 5" P/SK	20.35	366.30
1111	450 lbs.	SAHT 5%	26.16	117.00
1118	3 SKS.	Gel 2%	12.40	37.20
1107	2 SKS.	Flocele 1/4" P/SK	40.00	80.00
5407	7.74 Ton	60 miles - Bulk Truck	m/c	225.00
1118	2 SKS.	Gel - Flush	12.40	24.80
5502 C	3 Hrs.	80 Bbl. VAC Truck	78.00	234.00
5502 C	3 Hrs.	80 Bbl. VAC Truck	78.00	234.00
1123	5880 GAL.	City water	11.50 P/1000	67.62
4129.40	1	4 1/2" Centralizer	26.00	26.00
4156.40	1	4 1/2" Float shoe	115.00	115.00
4404	1	4 1/2" Top Rubber Plug	35.00	35.00
		6.3%	SALES TAX	137.52
			ESTIMATED TOTAL	3864.44

AUTHORIZATION Bob McNew TITLE _____

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12701 ENERGY RD · FT. MORGAN, CO. 80701 · PH (970) 887-2766 · FAX (970) 887-5922

15-205-25851-00-20

BLUE JAY OPERATING – THE WOODLANDS, TEXAS
Coal Seam Frac Project

March 23, 2005

Blue Jay – Willard #6 – Stage C

Mulky (915'-919', 4 spf), 20 shots total.

Started pump in with 420 gals gelled water, formation did not break down. During pump in, shut down twice to dump bail 20 gals of 20% HCl. Followed pump in with 500 gals of 7.5% HCl. 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 610 gal gelled water. A total of 138,000 SCF of N₂ was used.

Started acid @ 2 bpm, STP-3725, BH-3840. Started Flush, STP-2957, BH-3154. Formation broke down at 3919 psi. Started Pad, STP-943, BH-1247. Initial FQ was 54. Sand stages are as follows: Start 1#, STP-1333, BH-1404, FQ-71. Start 2#, STP-1429, BH-1542, FQ-74. Start 3#, STP-1364, BH-1500, FQ-73. Start Flush, STP-1344, BH-1493, FQ-72. Pad through sand stages were pumped @ 15-18 BPM downhole. FQ averaged 72Q. Max pressure was 3919. Average rate was 17 bpm at 1376 psi surface (1484 psi bottomhole). ISIP was 818 psi; 5 min – 749 psi, 10 min – 731 psi, 15 min - 715 psi.

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MAYERICK
STIMULATION COMPANY, LLC

12701 ENERGY RD · FT. MORGAN, CO. 80701 · PH (970) 867-2766 · FAX (970) 887-5822

15-205-25854-0000

BLUE JAY OPERATING – THE WOODLANDS, TEXAS
Coal Seam Frac Project

March 23, 2005

Blue Jay – Willard #6 – Stage B

Crowburg (983'-985', 4 spf), Bevier (966'-969', 4 spf), 20 shots total.

Started pump in with 126 gals of gelled water, followed by 500 gals of 7.5% HCl. Followed with 546 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 Brady Sand at 1.0 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 647 gal gelled water, then overflushed with 42 gal. A total of 122,000 SCF of N₂ was used.

Started acid @ 2.5 bpm, STP-2498, BH-2651. Started Flush, STP-2476, BH-2571. Formation broke down at 3579 psi. Started Pad, STP-2471, BH-2560. Initial FQ was 51. Sand stages are as follows: Start 1#, STP-1427, BH-1515, FQ-71. Start 2#, STP-1418, BH-1535, FQ-72. Start 3#, STP-1440, BH-1578, FQ-72. Start Flush, STP-1204, BH-1464, FQ-73. Pad through sand stages were pumped @ 15-19 BPM downhole. FQ averaged 72Q. Max pressure was 3579 psi. Average rate was 18 bpm at 1420 psi surface (1564 psi bottomhole). ISIP was 787 psi; 5 min – 674 psi, 10 min – 653 psi, 15 min – 637 psi.

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15-205 · 25854-00-00

BLUE JAY OPERATING – THE WOODLANDS, TEXAS
Coal Seam Frac Project

March 23, 2005

Blue Jay – Willard #6 – Stage A

Flemming (1022'-1025', 4 spf), 12 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 3000 gals of MavFoam C70 carrying 6000 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 98,000 SCF of N₂ was used.

Started acid @ 10 bpm, STP-0, BH-41. Started Flush, STP-0, BH-51. Formation broke down at 1653 psi. Started Pad, STP-1314, BH-1663. Initial FQ was 53. Sand stages are as follows: Start 1#, STP-1200, BH-1287, FQ-71. Start 2#, STP-1191, BH-1303, FQ-73. Start 3#, STP-1223, BH-1368, FQ-72. Start Flush, STP-1206, BH-1443, FQ-71. Pad through sand stages were pumped @ 15-18 BPM downhole. FQ averaged 72Q. Max pressure was 1653. Average rate was 18 BPM at 1195 psi surface (1329 psi bottomhole). ISIP was 819 psi; 5 min – 627 psi, 10 min – 584 psi, 15 min - 557 psi.

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