

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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: 33072
License: Well Refined Drilling Co., Inc.
Wellsite Geologist: NA

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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. _____

10/6/04	10/8/04	3/30/05
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-205-25853-0000
County: Wilson
NW _ NW _ SW _ Sec. 1 Twp. 30 S. R. 14 East West
2970' feet from S (N) (circle one) Line of Section
330' 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-5

Field Name: Cherokee Basin Coal Gas
Producing Formation: See Perforating Record

Elevation: Ground: _____ Kelly Bushing: NA
Total Depth: 1290' Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 42' 10" 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/ 175 _____ sx cmt.
ALTI WITHM 9-22-06

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: Hurricane Truck Services, Inc. - # MC 156212

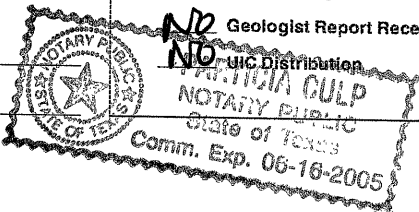
Lease Name: Curry SWD # 5 License No.: 30776
Quarter SE4 Sec. 15 Twp. 22' S. R. 11 East West
County: Greenwood, KS Docket No.: 26554

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: Mgr Date: 4-15-05
Subscribed and sworn to before me this 15 day of April
2005
Notary Public: Patricia Culp
Date Commission Expires: 06-16-2005

KCC Office Use ONLY
YES Letter of Confidentiality Received
If Denied, Yes Date: 4-20-05
YES Wireline Log Received
NO Geologist Report Received
NO UIC Distribution
PATRICIA CULP
NOTARY PUBLIC
State of Texas
Comm. Exp. 06-16-2005



✓

15-205-25853-00-00

Side Two

Operator Name: Blue Jay Operating, LLC Lease Name: Willard Well #: A-5
 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, <i>DUAL INDUCTION LOG</i>	<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	42' 10"	Portland	11	
Long String	6.75	4 1/2"	10.5	1279'	60/40Pozmix	175	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	Mulberry 794' - 796' ; Weir 1065' - 1068'	Foam Frac:	
	Tebo - 1058' - 1060'	Mulberry with 6000# 16/30 sand	

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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. 3/30/05		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"/> Soid <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACC-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____

15-205-25853-00-00

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		
API #:	15-205-25853-0000		
Operator:	Blue Jay Operating LLC		
	4916 Camp Bowie		
	Fort Worth, TX 76107		
Well #:	A-5	Lease Name: Willard	
Location:	2970	ft. from (N / S)	Line
	330	ft. from (E / W)	Line
Spud Date:	10/6/2004		
Date Completed:	10/8/2004	TD:	1290
Geologist:			
Casing Record	Surface	Production	
Hole Size	12 1/4"	6 3/4"	
Casing Size	8 5/8"		
Weight			
Setting Depth	42' 10"		
Cement Type	Portland		
Sacks	11	W	
Feet of Casing	42' 10"	C	
Rig Time	Work Performed		



S 1	T 30	R 14E
Location NW, NW, SW		
County: Wilson		

Gas Tests			
Depth	Pounds	Orifice	flow - MCF
788	2#	1/8"	3.92
814	6#	1/8"	7.06
895	6#	1/8"	7.06
914	7#	1/8"	7.7
1014	12#	1/8"	10.5
1165	5#	1"	319

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Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	Overburden	253	259	g shale/sand	420	472	lime
1	4	clay/l strks	259	277	sand	472	475	blk shale
4	9	g sh/silty l strks	277	300	sand/shl strks	475	476	lime/g shl strks
9	11	lime/g shale	285		wet	476	479	lime/g shale
11	50	lime/shl strks	300	304	snd/coal strks/shl strks	479	496	g sand/shl strks
50	57	g sh/l strks	304	308	lam sand/shale	485		water
57	121	lime/shl strks	308	309	coal	496	501	sand
121	128	mg sh/l strks	309	315	g sh/l strks	501	502	coal
128	131	g sh/lime	315	318	lime/shl strks	502	505	g sdy shale
131	134	lime/shl strks	318	321	lime/g shale	505	511	g sh/l strks
134	142	g shaley sand	321	324	lime/shl strks	511	518	mg shale
142	153	dg shale/lime	324	330	mg sh/l strks	518	541	lime
153	233	mg sh/l strks	330	340	mg sh/snd strks	541	567	mg dg sh/l strks
233	239	g shly snd/l strks	340	379	mg sh/l strks	567	587	lime
239	245	g sdy shale	379	412	lime	587	610	dg sh/l strks
245	247	lime	406	412	slight oil odor	610	612	dg sh/lime
247	252	mg sdy shale	412	414	dg shale	612	613	lime/shl strks
252	253	coal	414	420	lime/shl strks	613	617	dg sh/l sh strks

15-205-25853-00-00

Operator: Blue Jay Operating			Lease Name: Willard			Well # A-5		page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
617	622	mg dg sh/l strks	804	823	Pawnee lime	987	999	dg mg shale
622	623	lime/shl strks	811	818	slight oil odor	999	1002	g shaley sand
623	627	g sh/l strks	823	827	Lexington dg blk	1002	1008	mg shale/snd
627	636	mg sh/l strks			sh/l strks	1008	1009	Mineral coal
636	639	blk shale	827	831	mg dg sh/l strks	1009	1015	g sh/l strks
639	646	lime	831	835	lime	1015	1022	mg sh/l strks
646	650	g shly lime	835	836	g shale	1022	1023	lime
650	655	l/g mg shl strks	836	838	lime	1023	1024	coal
655	657	lime	838	843	g shale	1024	1036	mg sh/l pyrite strks
657	660	g sdy shale	843	857	mg sh/l strks	1036	1049	dg shly sand
660	664	g sh/l strks	857	860	dg sh/l strks	1049	1055	dg sh/l strks
664	670	grn g shale	860	882	Oswego lime	1055	1056	coal
670	673	lime/shl strks	860		odor	1056	1060	g sh/l strks
673	675	g sh/l strks	882	884	dg sh/lime	1060	1066	g br sdy shale
675	684	lime	884	888	Summit blk shale	1066	1067	coal
684	687	blk shale	888	892	mg sh/lime	1067	1071	mg sh/l strks
687	689	lime	892	901	lime	1071	1080	mg sh/snd strks
689	695	g sdy shale	901	904	Mulky dg blk shale	1080	1088	Bartlesville br snd
695	703	g shly sand	904	906	blk shale			dg shl strks
703	715	g sdy shale	906	907	coal	1088	1101	brown sand
715	720	mg shale	907	910	lime/shl strks	1101	1118	sand/shl strks
720	722	g snd/lam shale	910	916	g sh/l strks	1101	1118	oil odor
722	723	coal	916	922	g sh/l snd strks	1118	1151	sand/coal strks
723	727	g sdy shale	922	950	dg mg sh/l strks	1151	1164	sand
727	733	sand/shl strks	950	951	Bevier coal	1157		water
733	759	sand/coal strks	951	952	g silty shale	1164	1167	Altamont g shly snd
733		water	952	956	g shale	1167	1173	g sdy shale
759	772	snd/shl strks	956	965	dg mg sh/l strks	1173	1182	dg sh/l strks
772	780	g mg sdy shale	965	966	Verdigris l/shl strks	1182	1186	g sh/snd strks
780	787	mg sh/snd strks	966	969	lime/shale	1186	1199	g sdy shale
787	794	mg sh/l strks	969	971	Croweburg coal	1199	1201	g sh/l strks
794	797	lime/shl strks			blk shale	1201	1204	mg shale
797	798	dg sh/l strks	971	976	g sh/sdy l strks	1204	1205	coal
798	800	Mulberry coal	976	986	mg sh/snd l strks	1205	1207	dg shale
800	804	g shale/lime	986	987	lime/mg shl	1207	1209	g shl/chert strks

Notes:

04LJ-100804-R2-065-Willard A-5 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, gm=green, mg=medium gray, b or blk=black, dg=dark gray, sdy=sandy, shly=shaley,

Keep Drilling - We're Willing!!

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15-205-25853-00-00



88 INVERNESS CIRCLE E. G-101
 ENGLEWOOD, CO 80112
 PH (303) 757-7788 FAX (303) 757-7610

TREATMENT REPORT - PAGE 1

Date: 30-Mar-05

Well Name: WILLARD #A-5	Location: SEC 1, T30S, R14E	Customer Rep: BOB McNEW	Field Order # 7955
Stage: ST #8	Formation: MULBERRY	Treat Via: CASING	Allowable Pressure Tbg Csg Well Type: 4,000 GAS
County: WILSON	State: KS	Well Age: NEW	Packer Type: Packer Depth: Csg Size: 4.5
Type Of Service: N2 FOAM FRAC	Csg Depth Tbg Size: Tbg Depth: Liner Size:		
Customer Name: BLUE JAY OPERATING, LLC	Liner Depth: Liner Top: Liner Bot: Total Depth:		
Address: BOB McNEW 4916 CAMP BOWIE BLVD SUITE 204 FORT WORTH TX 76107	Open Hole: Csg Vol: BHT: 12.6		
Remarks: 12 CP FANN 35 @ 55 DEG. H2O, PH7, IRON, BAC. NEG. 6,000 LBS. 16/30 BRADY 97,000 SCF N2 JOB PUMPED @ 18 BPM DOWNHOLE RATE	Perf Depths: Perfs: Total Perfs: 794 796 8 8		

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	FOAM/PLD (gals)	FLUID (bbls)
	FLUID	N2/CO2	BTP	ANNULUS				
8:38	0.0	0	292		PRIME UP PRESS TEST TO = 4000 PSI	0	0	0
8:48	0.0	0	56		ST ACID	0	500	12
8:50	0.0	0	2358		ST FLUSH	0	250	8
8:53	2.0	0	2037		BREAKDOWN @ 3943 PSI	0	0	0
8:54	4.3	2851	1120		ST PAD	0	5,000	38
9:01	5.8	8045	1190		ST 1# 16/30 BRADY	1,000	1,000	7
9:02	5.9	5700	1132		ST 2# 16/30 BRADY	2,000	1,000	7
9:04	8.8	5915	1183		ST 3# 16/30 BRADY	3,000	1,000	7
9:08	17.6	0	1154		ST FLUSH	0	528	13
9:07	3.7	0	476		CUT FLUID - ISIP = 477 PSI	0	0	0
9:12	0.0	0	319		5 MIN = 319 PSI	0	0	0
9:17	0.0	0	254		10 MIN = 255 PSI	0	0	0
9:22	0.0	0	208		15 MIN = 208 PSI	0	0	0
Total:						6,000	8,278	88

Summary

Max Fl. Rate	Avg Fl. Rate	Max Psi	Avg Psi
17.6	6.8	4,135	835

Customer Acknowledgement:

Service Rating:

- Satisfactory
- Unsatisfactory

Treater:

TERRY BOWMAN

PRODUCTS USED:

CL-57, MAV-100, BREAKER-503L, GB-3, WF-1, N2
 MAVCIDE II, MAVCELL, MAVHIB-3, HCL, 16/30
 BRADY

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UNCONSOLIDATED OIL WELL SERVICES, INC.
 11 W. 14TH STREET, CHANUTE, KS 66720
 120-431-9210 OR 800-467-8676

TICKET NUMBER 2241

LOCATION Eureka

FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET

CEMENT

15-205-25853-0000

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-9-04		Willard #A-5				Wilson
CUSTOMER Blue Jay Operating						
MAILING ADDRESS 4916 Camp Bowie Blvd, Suite 204						
CITY FtWorth						
STATE TX						
ZIP CODE 76107						
JOB TYPE Long Term		HOLE SIZE 6 3/4"	HOLE DEPTH 1290'	CASING SIZE & WEIGHT 4 1/2" 10.5lb		
CASING DEPTH 1279'		DRILL PIPE	TUBING	OTHER		
SLURRY WEIGHT 13 ³ lbs.		SLURRY VOL 42 Bbl.	WATER gal/sk	CEMENT LEFT in CASING 0'		
DISPLACEMENT 20 1/4 Bbls		DISPLACEMENT PSI 500	1000 Landed Plug	RATE 3 BPM		
REMARKS: Safety Meeting: Rig up to 4 1/2" casing, Pump 10 Bbls water ahead, 10 Bbl Gel Flush, 5 Bbl water, Pumped 10 Bbl. Dye water, Mixed 175 sks 60/40 Pozmix cement w/ 22 Gal. 5% SALT, 5# P/SK of Gilsonite and Floccite mixed at 13 ³ lbs P/Gal. Shutdown - washout pump & hoses - Release Plug Displace Plug with 20 1/4 Bbls water. Final pumping at 500 PSI - Pumped Plug to 1000 PSI wait Amianites - Release Pressure - Float Hold - Close casing w/ 0 PSI Good cement returns to Surface with 10 Bbl Slurry Job Complete - Tear down						

"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	175 SKS.	60/40 Pozmix cement	7.30	1277.50
1110	17 SKS.	Gilsonite 5# P/SK	20.35	345.95
1111	<400/lb> 8 SKS.	SALT 5%	12.61	104.00
1118	3 SKS.	Gel 2%	12.40	37.20
1107	2 SKS.	Floccite 1/4# P/SK	40.00	80.00
5407	7.52 Ton	60 miles - Bulk Truck	M/L	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
				ESTIMATED TOTAL
				3790.19

AUTHORIZATION Bob McV...

TITLE _____

DATE _____