

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
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. _____
9/23/04 9/29/04 12/29/04
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-205-25852-0000
County: Wilson
SW SW SW SW Sec. 1 Twp. 30 S. R. 14 East West
330' 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-4
Field Name: Cherokee Basin Coal Gas
Producing Formation: See Perforating Record
Elevation: Ground: 924' Kelly Bushing: NA
Total Depth: 1325' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 40' 4" 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 WITHIN 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. - # MC156212
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

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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: Myra Date: 4-15-05
Subscribed and sworn to before me this 15 day of April
20 05
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 [unclear] Distribution

NO [unclear] Distribution

State of Texas
Comm. Exp. 06-16-2005

✓

15-205-25852-00-00

Side Two

Operator Name: Blue Jay Operating, LLC Lease Name: Willard Well #: A-4
 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	42' 4"	Portland	11	
Long String	6.75	4 1/2"	10.5	1316'	60/40Pozmix	180	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	Acid, Fracture, Shot, Cement Squeeze Record	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
4	Scammon 1049' - 1051'; Mineral 1039' - 1040'	Foam Frac:	
	Flemming - 1024' - 1026'; Bevier 964.5' - 968.5'	Scammon, Mineral, & Flemming with 15000# 16/30 sand	
	Mulky 920' - 924'	Bevier with 6000# 16/30 sand	
		Mulky with 12000# 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.			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				

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Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION

Production Interval Open Hole Perf. Dually Comp. Commingled

Other (Specify) _____


15-205-25852-00-00

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						S 1	T 30	R 14E	
API #:	15-205-25852-0000						Location SW, SW, SW			
Operator:	Blue Jay Operating LLC						County: Wilson			
	4916 Camp Bowie									
	Fort Worth, TX 76107			Gas Tests						
Well #:	A-4	Lease Name: Willard		Depth	Pounds	Orifice	flow - MCF			
Location:	330	ft. from (N / S)	Line	613	2#	1/8"	3.92			
	330	ft. from (E / W)	Line	739	2#	1/8"	3.92			
Spud Date:	9/23/2004			814	3#	1/8"	4.84			
Date Completed:	9/29/2004		TD: 1325	889	8 1/2#	1/8"	8.59			
Geologist:				914	9 1/2#	1/8"	9.18			
Casing Record	Surface		Production		939	14#	1/8"	11.6		
Hole Size	12 1/4"		6 3/4"		1014	14#	1/8"	11.6		
Casing Size	8 5/8"				1115	14#	1/8"	11.6		
Weight					1325	14#	1/8"	11.6		
Setting Depth	40' 4"									
Cement Type	Portland									
Sacks	11 W									
Feet of Casing	40' 4" C									
Rig Time:										
Well Log										
Top	Bottom	Formation		Top	Bottom	Formation		Top	Bottom	Formation
0	1	Overburden		331	345	lime/shl strks		517	525	mg sh/l strks
1	7	clay		345	399	shale/l strks		525	548	lime
7	9	lime/clay		399	407	lime/shale		548	554	mg sh/l strks
9	11	g shale/lime		407	410	lime		554	576	dg sh/l strks
11	18	g shale/l strks		410	416	dg shale/l strks		576	595	lime
18	53	lime/shl strks		416	432	lime		580	585	oil odor
53	67	mg sh/l strks		432	434	shale/l strks		595	599	dg sh/l strks
67	118	lime/shl strks		434	436	lime		599	604	blk sh/l strks
118	122	g sh/lime		436	437	shale/l strks		604	620	dg sh/l strks
122	150	g sh/l strks		437	480	lime		620	623	lime/dg shale
150	165	lime/g shale		480	485	blk shale		623	633	dg mg sh/l strks
165	269	mg sh/l strks		485	490	lime		633	639	g sh/l strks
269	270	coal		490	493	g sdy shale		639	643	dg sh/l strks
270	276	g sdy shale		493	497	g shly sand		643	647	blk shl/pyrite strks
276	322	sand/shl strks		497	501	sand/shl/l strks		647	649	g sh/l strks
318		wet		501		water		649	665	l/g shl strks
322	323	coal		501	514	sand/shl strks		665	669	g sh/l lime
323	331	g sh/l strks		514	517	mg sdy shale		669	675	g sh/l strks

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Operator: Blue Jay Operating			Lease Name: Willard			Well # A-4		page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
675	678	lime/g shale	908	913	lime/g shl strks	1199	1209	dg shale
678	680	lime	913	916	dg shale/lime	1209	1213	g sh/l strks
680	684	g sh/l strks	916	920	Mulky blk shale	1213	1223	dg shale
684	695	lime	920	921	coal/blk shale	1223	1231	Mississippi chert
695	696	coal/l strks	921	924	g sh/lime	1231	1234	chert/l strks
696	704	lime/g shl strks	924	930	g sh/l strks	1234	1259	chert/lime
704	708	g sdy shale	930	936	g sdy shale	1259	1310	t l/chert strks
708	712	mg shl/snd strks	936	940	dg shl/snd strks	1310	1325	g lime/chert
712	718	g shly sand	940	962	dg sh/l strks	1325		Total Depth
718	722	mg sdy shale	962	963	coal			
722	730	mg shl/snd strks	963	975	g shale			
730	731	coal	975	981	mg sh/l strks			
731	734	mg sh/l strks	981	982	coal			
734	737	g sdy shale	982	988	g shale			
737	741	g sh/lam snd	988	1001	mg sh/l strks			
741	745	snd/shl strks	1001	1003	lime/shl strks			
745	792	sand	1003	1021	dg sh/l strks			
792	798	g sdy shale	1021	1022	coal			
798	806	mg sh/l strks	1022	1038	g sdy shale			
806	808	g shale	1038	1056	dg shl/sdy l strks			
808	812	l/g shl strks	1056	1069	dg sh/l strks			
812	814	Mulberry coal/blk shl l strks	1069	1070	coal			
		shl l strks	1070	1076	g sh/l strks			
814	820	Pink l/ shl strks	1076	1096	dg mg shl/snd strks			
820	835	Lexington lime	1096	1102	mg shl/snd strks			
835	838	blk shl/l strks	1102	1140	mg sdy shale			
838	840	dg sh/l strks	1140	1160	mg shly sand			
840	841	coal	1160	1170	snd/shl strks			
841	845	g sh/l strks	1170	1182	sand			
845	866	g sdy shale	1170	1182	oil odor			
866	874	mg sh/l strks	1182	1188	g sdy shale			
874	898	Oswego lime	1188	1192	g shale			
898	900	lime/dg shale	1192	1194	Riverton coal			
900	905	Summit blk sh/l strks	1194	1199	sand/shl strks			
905	908	g sh/lime	1194		water			

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Notes:

04LI-092904-R2-062 Willard A-4 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 !!

15-205-25852-00-00

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

TICKET NUMBER 2204
LOCATION Fricka
FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-30-04		Willard #A-4	1	30s	14E	Wilson
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Blue Jay Operating			446	Rick		
MAILING ADDRESS			442	Anthony		
4916 Camp Bowie Blvd, Suite 204			434	Jim		
CITY	STATE	ZIP CODE	437	Alan		
Ft Worth	Tx	76107				

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

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Pump 10 Bbl water ahead 10 Bbl Gel Flush, 10 Bbl Silt water
Pumped 10 Bbl Dry water. Mixed 180 sks 60/40 Pozmix cement w/ 2% Gel, 5% SALT, 5" P/K of Gibsonite, 1/4" Floccle
mixed at 13³ lbs P/GAL. Shut down - washout pump & lines - Release Plug
Displace Plug with 21 Bbl water. Final pumping - 400 PSI - Rumped Plug to 900 PSI
wait 2 minutes - Release Pressure - Float Held - close casing in with ORS
Good cement returned to surface - 9 Bbl cement 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	180 SKs.	60/40 Pozmix cement	7.30	1314.00
1110	18 SKs.	Gibsonite 5" P/K	20.35	366.30
1111	450* 9 SKs.	SALT 5% (450 lb.)	26.16	117.00
1118	3 SKs.	Gel 2%	12.40	37.20
1107	2 SKs.	Floccle 1/4" P/K	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 GALL.	City water	11.50 P/GAL	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	157.52
			ESTIMATED TOTAL	3864.44

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AUTHORIZATION Bob Miller

TITLE _____

DATE _____