

**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: 33072
 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. _____

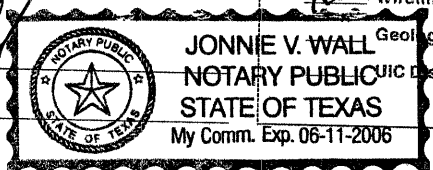
10/25/05	10/29/05	4/15/05
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-25855-0000
 County: Wilson
E 2 SE SE Sec. 11 Twp. 30 S. R. 14 East West
660' 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: Ratslaff Well #: A-1
 Field Name: Cherokee Basin Coal Gas
 Producing Formation: See Perfs
 Elevation: Ground: 921 Kelly Bushing: NA
 Total Depth: 1315' Plug Back Total Depth: _____
 Amount of Surface Pipe Set and Cemented at 40' 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/ 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: 10-11-05
 Subscribed and sworn to before me this 11th day of October
 2005
 Notary Public: Jonnie V. Wall
 Date Commission Expires: _____



KCC Office Use ONLY

DAVY Letter of Confidentiality Received
 If Denied, Yes Date: 10-24-2005
YES Wireline Log Received
 Geologist Report Received
 UIC Distribution

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15-205-25855-00-00

ORIGINAL

Side Two

Operator Name: Blue Jay Operating, LLC Lease Name: Ratslaff Well #: A-1
 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			

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' 10"	Portland	11	
Long String	6.75"	4 1/2"	10.5	1304'	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 - 922'-926'	Frac - Mulky 6000# 16/30 sand	
4	Bevier - 970'-973'; Crowburg 988'-990'	Foam Frac: Bevier/Crowburg 10000# 16/30 sand	
4	Flemming - 1028'-1031'; Mineral 1043'-1045'	Foam Frac - Flemming/Mineral 10000# 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. 4/22/05		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-18.)*

METHOD OF COMPLETION: Open Hole Perf. Duaily Comp. Commingled Other (Specify) _____

Production Interval: _____

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15-205-25855-00-00

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 11 T 30 R 14
API #:	15-205-25855-0000		Location NE, SE, SE
Operator:	Blue Jay Operating LLC		County: Wilson
	4916 Camp Bowie		
	Fort Worth, TX 76107		

				Gas Tests			
Well #:	A-1	Lease Name:	Ratslaff	Depth	Pounds	Orifice	flow - MCF
Location:	660	ft. from (N / S) Line		763	0	1/8"	0
	330	ft. from (E / W) Line		830	2#	1/8"	3.92
Spud Date:	10/25/2004			864	2#	1/8"	3.92
Date Completed:	10/29/2004 TD: 1315			914	8#	1/8"	8.3
Geologist:				1014	8#	1/8"	8.3
Casing Record	Surface	Production		1140	11#	1/8"	10
Hole Size	12 1/4"	6 3/4"		1315	11#	1/8"	10
Casing Size	8 5/8"						
Weight							
Setting Depth	40' 10"						
Cement Type	Portland						
Sacks	11 W						
Feet of Casing	40' 10" C						
Rig Time	Work Performed						

Well Log								
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	1	Overburden	258	262	g shale	414	476	lime
1	3	clay	262	263	coal	476	480	blk shale
3	8	g sh/lime	263	280	sdv shale	480	505	lime
8	15	lime/g shl strks	280	295	sand	505	516	g shly sand
15	40	lime	285		wet	516	520	mg sh/l strks
40	46	lime/g shale	295	315	sand/shl strks	520	525	mg snd/shale
46	54	lime/shl strks	315	316	coal	525	531	mg sh/l strks
54	61	dg shale	316	334	g sh/l strks	531	534	lime/shl strks
61	72	mg sh/l strks	334	342	lime/shl strks	534	551	lime
72	92	lime	342	344	g sh/l strks	551	564	mg sh/l strks
92	132	lime/shl strks	344	346	lime	564	580	dg sh/l strks
132	139	dg sh/l strks	346	364	mg sh/l strks	580	583	lime/shl strks
139	145	mg sh/lime	364	385	dg sh/l strks	583	599	lime
145	165	lime/shl strks	385	391	mg sh/snd strks	599	606	dg sh/l strks
165	181	g sdv sh/l strks	391	406	lime	606	607	lime
181	245	mg sh/l strks	406	409	mg sh/l strks	607	609	blk sh/l strks
245	256	lime/g shl	409	410	lime	609	624	dg sh/l strks
256	258	lime	410	414	dg blk sh/l strks	624	627	lime

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15-205-25855-00-00

Operator: Blue Jay Operating			Lease Name: Ratslaff			Well# A-1			page 2
Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation	
627	630	blk shale	909	910	lime/shl strks	1072	1073	coal/l strks	
630	632	mg sh/l strks	910	912	g sh/lime	1073	1080	g sdy shl	
632	633	coal	912	915	lime	1080	1153	mg sdy shl	
633	634	dg sh/pyrite strks	915	919	lime/shl strks	1153	1165	Tucker br sh/snd	
634	637	g shale	919	922	Mulky dg sh/l strks	1165	1182	snd/shl strks	
637	649	dg mg sh/l strks	922	925	blk sh/pyrite	1182	1197	dg sh/l strks	
649	652	g sh/lime	925	926	coal/pyrite	1197	1198	coal	
652	673	l/g shl strks	926	930	g shale	1198	1204	g shale	
673	680	g mg sh/l strks	930	934	g sdy shale	1204	1211	dg shale	
680	686	lime/shl strks	934	941	dg sdy shale	1211	1212	coal	
686	696	lime	941	969	dg sh/snd strks	1212	1213	g sh/l/chrt strks	
696	690	g sh/l strks	969	970	coal	1213	1217	Mississippi chrt/l	
690	714	g sdy shale	970	974	dg sh/snd l strks	1217	1220	g chrt/l/shl strks	
714	747	mg sh/snd strks	974	975	Bevier coal	1220	1224	g chrt/w chrt/l strks	
747	749	g sh/snd strks	975	981	g shale	1224	1230	mg l/chrt strks	
749	772	snd/shl strks	981	983	mg sh/l strks	1230	1238	g chrt/lime	
772	780	mg sh/snd strks	983	986	Verdigris l/shl strks	1238	1285	tan l/chrt strks	
780	811	sand/shl strks	986	988	Verdigris l/shl	1285	1315	g w chrt/l strks	
811	815	mg sh/l strks	988	989	coal	1315		Total Depth	
815	816	dg l/shl strks	989	995	g sh/l strks				
816	817	lime	995	1001	g sh/snd/l strks				
817	819	Mulberry coal	1001	1015	g mg sh/l strks				
819	823	Pawnee l/g shl	1015	1024	dg sh/l strks				
823	842	lime	1024	1028	g sh/l strks				
842	844	dg sh/l strks	1028	1029	coal				
844	848	Lexington blk sh/l strks	1029	1035	g sh/l strks				
848	849	lime	1035	1054	dg sh/l strks				
849	854	g sh/l strks	1054	1055	coal				
854	858	mg dg sh/l strks	1055	1056	br sdy l/shale				
858	864	g shale	1056	1065	Upper Bartlesville				
864	879	mg sh/snd strks			br shly snd				
879	902	Oswego lime	1057	1062	oil odor				
902	903	dg sh/l strks	1065	1068	dg shale				
903	906	Summit dg shl	1068	1070	dg sh/lime				
906	909	blk shale	1070	1072	dg sh/l strks				

Notes:

04LJ-102904-R2-067-Ratslaff A-1 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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CONSOLIDATED OIL WELL SERVICES, INC.

211 W. 14TH STREET, CHANUTE, KS 66720

620-431-9210 OR 800-467-8676

TICKET NUMBER 2252

LOCATION EUREKA

FOREMAN Kevin McCoy

15-205-25855-00-W
TREATMENT REPORT & FIELD TICKET

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
10-30-04		RATZLAFF # A-1	11	30S	14E	Wilson	
CUSTOMER Blue Jay Operating			HURRICANE WELL SERVICE				
MAILING ADDRESS 4916 Camp Bowie Blvd. Ste 204							
CITY Fortworth							
STATE TX							
ZIP CODE 76107							
TRUCK #		DRIVER		TRUCK #		DRIVER	
445		Troy					
441		Justin					
437		Randy					
436		Russ					

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1315' CASING SIZE & WEIGHT 4 1/2" 10.5# New
 CASING DEPTH 1304' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL 43 BBL WATER gal/sk _____ CEMENT LEFT in CASING 0'
 DISPLACEMENT 20.75 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Pump 10 BBL Fresh water Ahead, 10 BBL Gel Flush, 5 BBL water, 10 BBL Dye water. Mixed 180 SKS 60/40 Pozmix Cement w/ 2% Gel, 5" Gilsonite per/sk 5% SALT 1/4" flocele per/sk @ 13.4 # per/gal. Wash out Pump & Lines, Shut down. Release Plug. Displace w/ 20.75 BBL Fresh water. Final Pumping Pressure 600 PSI. Bump Plug to 1150 PSI. Wait 2 minutes. Release Pressure. Float Held. Shut casing in @ 0 PSI. Good Cement Returns to Surface = 10 BBL Slurry. Job Complete. Rig 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	GILSONITE 5" per/sk	20.35	366.30
1111	450 # 9 SKS	SALT 5%	.26 #	117.00
1118	3 SKS	Gel 2%	12.40	37.20
1107	2 SKS	Flocele 1/4 # per/sk	40.00	80.00
5407	7.74 TONS	60 miles	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 gals	City water	1.50 per 1000	67.62
4404	1	4 1/2 Top Rubber Plug	35.00	35.00
4129.40	1	4 1/2 Centralizer	26.00	26.00
4156 .40	1	4 1/2 float shoe	115.00	115.00
			6.3%	SALES TAX
				ESTIMATED TOTAL
				3864.44

AUTHORIZATION Bob McCoy

TITLE _____

DATE _____



12701 ENERGY RD. FT. MORGAN, CO. 80701 · PH (970) 867-2766 · FAX (970) 867-5922

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

March 24, 2005

Blue Jay – Ratzlaff A-1 – Stage C

Mulky (922'-926', 4 spf), 16 shots total.

Started pump in with 168 gals gelled water. Shut down to dump bail 20 gals 20% HCl. Followed with 168 gals of gelled water and 500 gals of 7.5% HCl. Acid was flushed with 672 gals gelled water. Started treatment with a pad of 5000 gallons of MavFoam C70, followed by 6000 gals of MavFoam C70 carrying 6000 lbs 16/30 Brady Sand at 1.0 to 2.0 ppg down hole. The treatment was flushed to the top perforation with 617 gal gelled water. A total of 130,000 SCF of N₂ was used.

Started acid @ 3 bpm, STP-1929, BH-1922. Started Flush, STP-1666, BH-1743. Started Pad, STP-1863, BH-2030. Initial FQ was 52. Sand stages are as follows: Start 1#, STP-1324, BH-1394, FQ-72. Start 2#, STP-1609, BH-1704, FQ-74. When staging to 3# concentration, sand prematurely ran out; could not pump 3# stage. Start Flush, STP-1342, BH-1446, FQ-69. Pad through sand stages were pumped @ 15-21 BPM downhole. FQ averaged 71Q. Max pressure was 2590. Average rate was 21 bpm at 1420 psi surface (1526 psi bottomhole). ISIP was 837 psi; 5 min – 717 psi, 10 min – 691 psi, 15 min – 676 psi.

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STIMULATION COMPANY, LLC

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

March 24, 2005

Blue Jay – Ratzlaff A-1 – Stage B

Crowburg (988'-990', 4 spf), Bevier (970'-973', 4 spf), 20 shots total.

Started pump in with 126 gals of gelled water, followed by 500 gals of 7.5% HCl. Started treatment with a pad of 5000 gallons of MavFoam C70, followed by 7000 gals of MavFoam C70 carrying 10000 lbs 16/30 Brady Sand at 0.5 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 192,000 SCF of N₂ was used.

Started pump in, formation broke down at 3292 psi. Started acid @ 3 bpm, STP-3074, BH-3148. Started Flush, STP-2384, BH-2496. Started Pad, STP-2376, BH-2749. Initial FQ was 49. Sand stages are as follows: Start 0.5#, STP-2228, BH-2352, FQ-72. Start 1#, STP-1824, BH-1938, FQ-74. Start 2#, STP-1707, BH-1852, FQ-70. Start 3#, STP-1726, BH-1879, FQ-71. Start Flush, STP-1699, BH-1838, FQ-72. Pad through sand stages were pumped @ 15-8 BPM downhole. FQ averaged 72Q. Max pressure was 4000 psi. Average rate was 16 bpm at 1805 psi surface (1938 psi bottomhole). ISIP was 1429 psi; 5 min – 837 psi, 10 min – 772 psi, 15 min - 758 psi.

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

March 24, 2005

Blue Jay – Ratzlaff A-1 – Stage A

Flemming (1028'-1031', 4 spf), Mineral (1043'-1045', 4 spf), 20 shots total.

Started with 500 gals of 7.5% HCl. Followed with 378 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 685 gal gelled water, then overflushed with 42 gal. A total of 112,000 SCF of N₂ was used.

Started acid @ 10 bpm, STP-0, BH-41. Started Flush, STP-0, BH-51. Formation broke down at 2267 psi. Started Pad, STP-1132, BH-1345. Initial FQ was 58. Sand stages are as follows: Start 1#, STP-1212, BH-1282, FQ-72. Start 2#, STP-1189, BH-1297, FQ-72. Start 3#, STP-1252, BH-1378, FQ-71. Start Flush, STP-1249, BH-1452, FQ-71. Pad through sand stages were pumped @ 15-21 BPM downhole. FQ averaged 71Q. Max pressure was 2267. Average rate was 20 BPM at 1226 psi surface (1342 psi bottomhole). ISIP was 789 psi; 5 min – 660 psi, 10 min – 631 psi, 15 min – 614 psi.

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