

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

AMENDED 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: Shannan Shinkle
Phone: (620) 378-3650
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. _____
3/28/05 3/30/05 6/3/05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 205-25928-0000
County: Wilson
SW SW NW NW Sec. 2 Twp. 30 S. R. 14 East West
1980' _____ feet from S / (circle one) Line of Section
660' _____ feet from E / (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE (circle one) NW SW
Lease Name: Bracken Well #: A-1
Field Name: Cherokee Basin Coal Gas Area
Producing Formation: See Perforating Record
Elevation: Ground: 930' Kelly Bushing: NA
Total Depth: 1302' 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/ 140 _____ sx cmt.

Drilling Fluid Management Plan *Alt TD with 8-27-07*
(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: Sheets Lease A-1 License No.: 17648-0
Quarter NE4 Sec. 11 Twp. 28N S. R. 13 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: Shannan Shinkle
Title: Administrative Assistant Date: 8/10/07

Subscribed and sworn to before me this 10 day of August
20 07.

Notary Public: Nancy Miller
Date Commission Expires: 12/1/2010
TRACY MILLER
Notary Public - State of Kansas
My Appt. Expires 12/1/2010

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Letter of Confidentiality Received
If Denied, Yes Date: _____

Wireline Log Received

Geologist Report Received **RECEIVED**
KANSAS CORPORATION COMMISSION

UIC Distribution

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Operator Name: Blue Jay Operating, LLC Lease Name: Bracken Well #: A-1
 Sec. 2 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
--	--

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	
Production	6.75"	4 1/2"	10.5	1291'	Thick Set	140	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 (Amount and Kind of Material Used)	Depth
4	Mulky - 894'-898'	Mulky Foam Frac: 12000# 16/30 sand	
4	Bevier 941'-944'; Croweburg 961'-963'	Bevier / Croweburg Foam Frac: 10000# 16/30 sand	
4			

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. 6/1/05		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 Bbbs.	Gas Mcf	Water Bbbs.	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 <i>(If vented, Submit ACO-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) _____	

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 CONSERVATION DIVISION
 WICHITA, KS

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Gerotek Wells, LLC

CONFIDENTIAL

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 2	T 30	R 14		
API #:	15-205-25928			Location SW, SW, NW				
Operator:	Blue Jay Operating LLC			County: Wilson				
	4916 Camp Bowie Suite 204							
	Fort Worth, TX 76107			Gas Tests				
Well #:	1	Lease Name:	Bracken	Depth	Pounds	Orifice	flow - MCF	
Location:	1980	ft. from (N / S)	Line	802	2.5#	1/8"	4.42	
	660	ft. from (E / W)	Line	902	Gas Check Same			
Spud Date:	3/28/2005			952	3.5#	1/8"	5.26	
Date Completed:	3/30/2005		TD: 1302	1042	4#	1/8"	5.64	
Geologist:				1202	4#	1/4"	18.5	
Casing Record	Surface	Production		1222	Gas Check Same			
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	4	soil/clay	551	577	lime	871	878	Summit coal
4	14	lime	577	601	shale	878	890	lime
14	19	shale	601	605	lime	890	896	Mulky coal
19	107	lime	605	656	shale	896	899	lime
107	123	shale	656	680	lime	899	939	sand
123	138	lime	680	686	shale	939	941	coal
138	249	shale	686	696	sand	941	1032	sand/shale
249	250	coal	696	730	sand/shale	1032	1034	coal
250	317	sand	730	753	sand	1034	1044	shale
317	328	sand/shale	753	788	sand/shale	1044	1055	sand
328	370	shale	788	791	lime	1044	1055	oil
370	474	lime	791	793	coal	1055	1181	sand/shale
474	509	sand	793	800	shale	1181	1184	coal
509	516	shale	800	824	Pink lime	1184	1200	shale
516	544	lime	824	848	shale	1200	1202	coal
544	551	shale	848	871	Oswego lime	1202	1203	shale

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12701 ENERGY RD · FT. MORGAN, CO. 80701 · PH (970) 887-2788 · FAX (970) 887-5922

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

June 3, 2005

Blue Jay - Bracken A#1 - Stage #2

Mulky (894'-898', 4 spf), 16 shots total.

Started pump in with 294 gals gelled water, followed with 500 gals of 7.5% HCl. Followed with 643 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 Arizona 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 134,000 SCF of N₂ was used.

Started pump in, STP-324, BH-352. Started acid @ 4.5 bpm, STP-868, BH-1080. Started Flush, STP-935, BH-1198. Formation broke down at 1997 psi. Started Pad, STP-1083, BH-1346. Initial FQ was 55. Sand stages are as follows: Start 1#, STP-1252, BH-1345, FQ-70. Start 2#, STP-1352, BH-1449, FQ-70. Start 3#, STP-1365, BH-1469, FQ-71. Start Flush, STP-1356, BH-1465, FQ-72. Pad through sand stages were pumped @ 15-21 BPM downhole. FQ averaged 71Q. Max pressure was 3929. Average rate was 20 bpm at 1295 psi surface (1388 psi bottomhole). ISIP was 852 psi; 5 min - 658 psi, 10 min - 627 psi, 15 min - 609 psi.

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WICHITA, KS

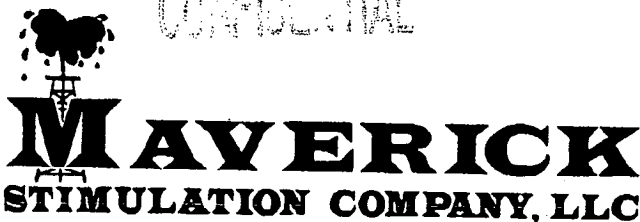
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BLUE JAY OPERATING - FORT WORTH, TEXAS
Coal Seam Frac Project

June 2, 2005

Blue Jay - Bracken A#1 - Stage #1

Bevier (941'-944', 4 spf), Crowburg (961'-963', 4 spf), 20 shots total.

Started with 500 gals of 7.5% HCl. Followed with 651 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 Arizona 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 by 42 gal. A total of 107,000 SCF of N₂ was used.

Started acid @ 11 bpm, STP-17, BH-52. Started Flush, STP-0, BH-41. Formation broke down at 2297 psi. Started Pad, STP-730, BH-1132. Initial FQ was 62. Sand stages are as follows: Start 1#, STP-1076, BH-1134, FQ-71. Start 2#, STP-1079, BH-1165, FQ-71. Start 3#, STP-1096, BH-1192, FQ-72. Start Flush, STP-1113, BH-1226, FQ-72. Pad through sand stages were pumped @ 15-22 BPM downhole. FQ averaged 71Q. Max pressure was 2297. Average rate was 20 bpm at 1084 psi surface (1182 psi bottomhole). ISIP was 667 psi, 5 min - 597 psi, 10 min - 576 psi, 15 min - 566 psi.

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WICHITA, KS

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

REC'D JUL 11 11:45
 JUL 07 2005

ORIGINAL
 3555
 TICKET NUMBER
 LOCATION EUREKA
 FOREMAN Kevin McCoy

CONFIDENTIAL

CONFIDENTIAL
 TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-31-05		<u>BLACK FOX</u> <u>BARREL #1</u>				<u>Wilson</u>
CUSTOMER		Go-Joe Field Service	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			445	Troy		
CITY			439	Justin		
STATE						
ZIP CODE						
<u>Fortworth</u>		<u>TX</u>	<u>76107</u>			

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1302' CASING SIZE & WEIGHT 4 1/2 10.5# New
 CASING DEPTH 1291' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4# SLURRY VOL 42 Bbl WATER gal/sk 8 CEMENT LEFT in CASING 0'
 DISPLACEMENT 20.75 BBL DISPLACEMENT PSI 800 PSI 1300 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 casing. Break Circulation w/ 50 Bbl fresh water. Pump 2 sks Gel Flush. 10 Bbl Dye water. Mixed 140 sks Thick Set Cement w/ 5# Kol-Seal per/sk @ 13.4# per/gal, yield 1.69. wash out Pump & Lines. Shut down. Release Plug. Displace w/ 20.75 Bbl fresh water. FINAL Pumping Pressure 800 psi. Bump Plug to 1300 psi. wait 2 minutes. Release Pressure, float Held. Shut casing in @ 0 psi. Good Cement Returns to surface = 6 Bbl slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	750.00	750.00
5406	60	MILEAGE	2.45	147.00
1126 A	140 SKS	Thick Set Cement	12.70	1778.00
1110 A	14 SKS	Kol-Seal 5# per/sk	16.55	231.70
1118	2 SKS	Gel Flush	13.00	26.00
5407	7.7 TONS	Ton Mileage	M/c	235.00
4404	1	4 1/2 Top Rubber Plug	37.00	37.00
4156	1	4 1/2 Float Shoe Flapper Valve	121.00	121.00
4129	1	4 1/2 Centralizer	27.00	27.00
			Sub total	3352.70
			6.3% SALES TAX	139.90
			ESTIMATED TOTAL	3492.60

AUTHORIZATION Bob McCoy

TITLE _____

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DATE _____

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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

CONFIDENTIAL

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 SIOW 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>3/28/05</u>	<u>3/30/05</u>	<u>6/3/05</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 205-25928-0000
County: Wilson
SW SW NW _____ Sec. 2 Twp. 30 S. R. 14 East West
1980' feet from S N (circle one) Line of Section
660' feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Bracken Well #: 1

Field Name: Cherokee Basin Coal Gas
Producing Formation: See Perforating Record
Elevation: Ground: 930' Kelly Bushing: NA
Total Depth: 1302' 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/ 140 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit) *Alt. II W/ 8-2707*
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: Sheets Lease A-1 License No.: 17648-0
Quarter NE4 Sec. 11 Twp. 28N S. R. 13 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: 7-11-05
Subscribed and sworn to before me this _____ day of _____
20_____
Notary Public: _____
Date Commission Expires: _____

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YES Letter of Confidentiality Received
If Denied, Yes Date: _____
_____ Wireline Log Received
_____ Geologist Report Received
_____ UIC Distribution

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Side Two

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Operator Name: Blue Jay Operating, LLC Lease Name: Bracken Well #: 10
Sec. 2 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 (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy)
List All E. Logs Run:

Log Formation (Top), Depth and Datum
Sample
Name Top Datum
Driller Log Enclosed

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High Resolution Compensated Density/Neutron Log
Bond Log

Table with 8 columns: 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. Rows include Surface and Production data.

Table with 5 columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives. Includes a legend for Purpose: Perforate, Protect Casing, Plug Back TD, Plug Off Zone.

Table with 4 columns: 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. Rows include data for 4 shots.

TUBING RECORD table with columns: Size, Set At, Packer At, Liner Run (Yes/No).

Table with 2 columns: Date of First, Resumerd Production, SWD or Enhr. (6/1/05), Producing Method (Flowing, Pumping, Gas Lift, Other).

Table with 8 columns: Estimated Production Per 24 Hours, Oil Bbls., Gas Mcf, Water Bbls., Gas-Oil Ratio, Gravity.

Disposition of Gas (Vented, Sold, Used on Lease) and METHOD OF COMPLETION (Open Hole, Perf., Dually Comp., Commingled, Other) and Production Interval.

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Cherokee Wells, LLC

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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 2 T 30 R 14
API #: 15-205-25928	Location SW, SW, NW
Operator: Blue Jay Operating LLC	County: Wilson
4916 Camp Bowie Suite 204	
Fort Worth, TX 76107	

				Gas Tests		
Well #:	1	Lease Name: Bracken	Depth	Pounds	Orifice	flow - MCF
Location:	1980	ft. from (N / S) Line	802	2.5#	1/8"	4.42
	660	ft. from (E / W) Line	902	Gas Check Same		
Spud Date:	3/28/2005		952	3.5#	1/8"	5.26
Date Completed:	3/30/2005	TD: 1302	1042	4#	1/8"	5.64
Geologist:			1202	4#	1/4"	18.5
Casing Record	Surface	Production	1222	Gas Check Same		
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	4	soil/clay	551	577	lime	871	878	Summit coal
4	14	lime	577	601	shale	878	890	lime
14	19	shale	601	605	lime	890	896	Mulky coal
19	107	lime	605	656	shale	896	899	lime
107	123	shale	656	680	lime	899	939	sand
123	138	lime	680	686	shale	939	941	coal
138	249	shale	686	696	sand	941	1032	sand/shale
249	250	coal	696	730	sand/shale	1032	1034	coal
250	317	sand	730	753	sand	1034	1044	shale
317	328	sand/shale	753	788	sand/shale	1044	1055	sand
328	370	shale	788	791	lime	1044	1055	oil
370	474	lime	791	793	coal	1055	1181	sand/shale
474	509	sand	793	800	shale	1181	1184	coal
509	516	shale	800	824	Pink lime	1184	1200	shale
516	544	lime	824	848	shale	1200	1202	coal
544	551	shale	848	871	Oswego lime	1202	1203	shale

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Operator: Blue Jay Operating LLC Lease Name: Bracken Well # 1 page 2

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
1203	1302	Mississippi lime						
1302		Total Depth						

Notes:

05LC-033005-CW-010-Bracken 1 Blue Jay Operating

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

JUL 07 2005

TICKET NUMBER 3555

LOCATION EUREKA

FOREMAN Kevin McCoy

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 TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-31-05		BRACKEN BRACKEN #1				Wilson
CUSTOMER <u>Blue Jay Operating</u>						
MAILING ADDRESS <u>4916 Camp Bowie Blvd Ste 204</u>						
CITY <u>Fortworth</u>						
STATE <u>Tx</u>						
ZIP CODE <u>76107</u>						
Go-Joe Field Service						
TRUCK #	DRIVER	TRUCK #	DRIVER			
445	Troy					
439	Justin					

JOB TYPE Longstring HOLE SIZE 6 3/4 HOLE DEPTH 1302' CASING SIZE & WEIGHT 4 1/2 10.5# New
 CASING DEPTH 1291' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 13.4 # SLURRY VOL 42 Bbl WATER gal/sk 8 CEMENT LEFT in CASING 0'
 DISPLACEMENT 20.75 Bbl DISPLACEMENT PSI 800 MAX PSI 1300 Bump Plug RATE _____

REMARKS: Safety Meeting: Rig up to 4 1/2 Casing. Break Circulation w/ 50 Bbl fresh water. Pump 2 sks Gel Flush. 10 Bbl Dye water. Mixed 140 sks Thick Set Cement w/ 5# Kol-Seal per/sk @ 13.4 # per/gal, yield 1.69. wash out Pump & Lines. Shut down. Release Plug. Displace w/ 20.75 Bbl fresh water. FINAL Pumping Pressure 800 psi. Bump Plug to 1300 PSI. wait 2 minutes. Release Pressure. float Held. Shut casing in @ 0 PSI. Good Cement Returns to SURFACE = 6 Bbl Slurry. Job Complete. Rig down.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	750.00	750.00
5406	60	MILEAGE	2.45	147.00
1126 A	140 SKS	Thick Set Cement	12.70	1778.00
1110 A	14 SKS	Kol-Seal 5# per/sk	16.55	231.70
1118	2 SKS	Gel Flush	13.00	26.00
5407	7.7 TONS	Ton Mileage	M/C	235.00
4404	1	4 1/2 Top Rubber Plug	37.00	37.00
4156	1	4 1/2 Float Shoe Flapper Valve	121.00	121.00
4129	1	4 1/2 Centralizer	27.00	27.00
			Sub total	3352.70
			SALES TAX 6.3%	139.90
			ESTIMATED TOTAL	3492.60

AUTHORIZATION Bob McCoy

TITLE _____

DATE _____

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CONFIDENTIAL**ORIGINAL****MAVERICK
STIMULATION COMPANY, LLC**

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

June 3, 2005

Blue Jay - Bracken A#1 - Stage #2

Mulky (894'-898', 4 spf), 16 shots total.

Started pump in with 294 gals gelled water, followed with 500 gals of 7.5% HCl. Followed with 643 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 Arizona 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 134,000 SCF of N₂ was used.

Started pump in, STP-324, BH-352. Started acid @ 4.5 bpm, STP-868, BH-1060. Started Flush, STP-935, BH-1198. Formation broke down at 1997 psi. Started Pad, STP-1083, BH-1346. Initial FQ was 55. Sand stages are as follows: Start 1#, STP-1252, BH-1345, FQ-70. Start 2#, STP-1352, BH-1449, FQ-70. Start 3#, STP-1365, BH-1469, FQ-71. Start Flush, STP-1356, BH-1465, FQ-72. Pad through sand stages were pumped @ 15-21 BPM downhole. FQ averaged 71Q. Max pressure was 3929. Average rate was 20 bpm at 1295 psi surface (1388 psi bottomhole). ISIP was 852 psi; 5 min - 658 psi, 10 min - 627 psi, 15 min - 609 psi.

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

June 2, 2005

Blue Jay - Bracken A#1 - Stage #1

Bevier (941'-944', 4 spf), Crowburg (961'-963', 4 spf), 20 shots total.

Started with 500 gals of 7.5% HCl. Followed with 651 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 Arizona 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 by 42 gal. A total of 107,000 SCF of N₂ was used.

Started acid @ 11 bpm, STP-17, BH-52. Started Flush, STP-0, BH-41. Formation broke down at 2297 psi. Started Pad, STP-730, BH-1132. Initial FQ was 62. Sand stages are as follows: Start 1#, STP-1076, BH-1134, FQ-71. Start 2#, STP-1079, BH-1165, FQ-71. Start 3#, STP-1096, BH-1192, FQ-72. Start Flush, STP-1113, BH-1226, FQ-72. Pad through sand stages were pumped @ 15-22 BPM downhole. FQ averaged 71Q. Max pressure was 2297. Average rate was 20 bpm at 1084 psi surface (1182 psi bottomhole). ISIP was 667 psi; 5 min - 597 psi, 10 min - 576 psi, 15 min - 566 psi.

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