

AMENDED

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
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: 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) was SIGW

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. _____
was SIGW waiting on pipeline

5/13/05 5/16/05 12/14/05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date
KCC ap

API No. 15 - 15-205-26011-0000
County: Wilson
C SE NE Sec. 34 Twp. 28 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: Holderman Well #: A-1
Field Name: Cherokee Basin Coal Gas

Producing Formation: See Perforating Record
Elevation: Ground: 881' Kelly Bushing: NA
Total Depth: 1208' 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 130 sx cmt.
ALT II WITH W/ 9-26-06

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content _____ ppm Fluid volume _____ bbls
Dewatering method used _____

Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No. _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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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: _____ Date: 3-17-07
Subscribed and sworn to before me this 17 day of March
20 06
Notary Public: Patricia Ann Culp
Date Commission Expires: Oct 17 2009

KCC Office Use ONLY
DENY Letter of Confidentiality Received
If Denied, Yes No Date: 10-18-05
YES Wireline Log Received
NO Geologist Report Received
____ UIC Distribution

PATRICIA ANN CULP
Notary Public, State of Texas
My Commission Expires
October 17, 2009

Operator Name: Blue Jay Operating LLC Lease Name: Holderman Well #: A-1
 Sec. 34 Twp. 28 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 Yes No
 (Attach Additional Sheets)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy)

List All E. Logs Run:

Submitted with SIGW ACO-1 7/12/05

Log Formation (Top), Depth and Datum Sample
 Name Top Datum
 Driller's 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	11 1/4"	8 5/8"	26#	41'	Portland	8	
Long String	6 3/4"	4 1/2"	10.5	1200'	Thickset Cement	130	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				

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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	832-834 - Mulky - 8 shots total	Mav Foam carrying 8920# 16/30 Ottawa Sand	
4	893-896 - Bevier; 910'-913 - Crowburg - 24 shots total	Mav foam carrying 18,400# 16/30 Ottawa Sand	
		See Attached	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8"	953'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method	Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
12/14/05	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			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) _____

Cherokee Wells, LLC

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 34 T 28 R 14E			
API #:	15-205-26011-0000			Location C, SE4, NE4			
Operator:	Blue Jay Operating LLC			County: Wilson			
	4916 Camp Bowie Suite 204						
	Fort Worth, TX 76107						
Well #:	A-1	Lease Name:	Holdeman	Depth	Pounds	Office	flow - MCF
Location:	1980	ft. from N	Line	754	4	1/4"	18.5
	660	ft. from E	Line	854	6	1/4"	22.9
Spud Date:	5/13/2005			929	7	1/4"	25
Date Completed:	5/16/2005		TD: 1208	954	5	1/4"	20.7
Geologist:				979	Gas Check Same		
Casing Record	Surface	Production		1079	Gas Check Same		
Hole Size	11"	6 3/4"		1128	Gas Check Same		
Casing Size	8 5/8"						
Weight	26#						
Setting Depth	41'						
Cement Type	Portland						
Sacks	8 W						
Feet of Casing	41'						
Rig Time	Work Performed						

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Well Log

Top	Bottom	Formation	Top	Bottom	Formation	Top	Bottom	Formation
0	8	Overburden	562	597	shale	833	835	lime
8	120	shale	597	620	lime	835	892	sand/ shale
120	159	lime	620	628	shale	892	893	coal
159	231	shale	628	642	lime	893	909	sand/ shale
231	241	lime	642	669	shale	909	910	coal
241	244	shale	669	722	sand- no show	910	947	shale
244	245	coal	722	740	sand/shale	947	948	coal
245	352	sand- no show	740	743	lime	948	969	shale
352	372	sand/ shale	743	744	coal	969	970	coal
372	424	lime	744	748	shale	970	987	sand/ shale
424	477	sand- no show	748	770	Pink lime- oil	987	988	coal
477	492	lime	770	800	shale	988	1078	sand/ shale
492	500	shale	800	818	Oswego lime	1078	1079	coal
500	523	lime	818	822	Summit	1079	1082	sand/ shale
523	526	shale	822	827	lime	1082	1097	oil/ sand
526	562	lime	827	833	Mulky	1097	1111	shale

CONSOLIDATED OIL WELL SERVICES, INC.

211 W. 14TH STREET, CHANUTE, KS 66720

620-431-9210 OR 800-467-8676

TICKET NUMBER 3951

LOCATION Eucla, Ka

FOREMAN Brad Butler

TREATMENT REPORT & FIELD TICKET

CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-17-05		Heldeman "A-1"	34	28S	14E	Wilson
CUSTOMER	Blue Jay Operating		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS	4916 Camp Bowie Blvd Ste 204		446	Scott		
CITY	STATE	ZIP CODE	440	Alan		
Fort Worth	Tx	76107				

JOB TYPE Logging HOLE SIZE 6 3/4" HOLE DEPTH 1208 CASING SIZE & WEIGHT 4 1/2" - 10.5
CASING DEPTH 1200 DRILL PIPE _____ TUBING _____ OTHER _____
BLURRY WEIGHT 13.4 SLURRY VOL 39 Bbl WATER gal/sk 80 CEMENT LEFT In CASING 0
DISPLACEMENT 19 Bbl DISPLACEMENT PSI 550 PSI 1100 Landed Plug RATE 4BPM - 2BPM

REMARKS: Safety Meeting: Rig up to 4 1/2" casing, Break circulation w/ 20 Bbl. water.
Pumped 10 Bbl. Gel Flush, followed w/ 15 Bbl. water spacer, Pumped 10 Bbl. Dye water.
Mixed 130 sks. Thick Set cement w/ 5" PYSK of K01-SEAL at 13.4 lb. P/GAL. Shut down
wash out pump skids. Release Plug - Displace Plug with 19 Bbls water
Final pump at 550 PSI - Bumped Plug to 1100 PSI - wait 2 minutes
Release Pressure - Float Held - close casing in w/ 0 PSI
Good cement returns to surface with 8 Bbl. slurry

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	765.00	765.00
5406	60	MILEAGE	2.50	150.00
1126 A	130 SKS.	Thick Set cement	13.00	1690.00
1110 A	13 SKS.	K01-SEAL 5" PYSK	16.90	219.70
1118 A	4 SKS.	Gel Flush	6.63	26.52
5407	2.15 TON	Mileage - Bulk Truck	m/c	240.00
4156	1	4 1/2" Float Shoe - Flapper Type	123.00	123.00
4129	1	4 1/2" Centralizer	28.00	28.00
4404	1	4 1/2" Top Rubber Plug	38.00	38.00
		6.3%	SALES TAX	133.89
			ESTIMATED TOTAL	3414.11

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AUTHORIZATION Bob Mc New

TITLE

DATE



MAVERICK
STIMULATION COMPANY, LLC

12701 ENERGY RD · FT. MORGAN, CO. 80701 · PH (970) 887-2768 · FAX (970) 887-6822

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

November 28, 2006

Blue Jay - Holdeman A-1, Stage B

Mulky (832-834, 4 spf), 8 shots total.

Started with pump-in of 244 gal of gelled water. Followed by 500 gals of 7.5% HCl. Followed with 281 gal gelled water flush. Started treatment with a pad of 5000 gallons of MavFoam C70, followed by 4056 gals of MavFoam C70 carrying 8920 lbs 18/30 Ottawa Sand at 1.0 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 554 gal gelled water. A total of 84,000 SCF of N₂ was used.

Started pump-in, STP-336, BH-370. Started acid @ 3.5 bpm, STP-681, BH-854. Started Flush, STP-665, BH-882. Started Pad, STP-1156, BH-1383. Initial FQ was 60. Sand stages are as follows: Start 1#, STP-842, BH-927, FQ-70. Start 2#, STP-844, BH-953, FQ-70. Start 3#, STP-854, BH-987, FQ-70. Start Flush, STP-854, BH-987, FQ-70. Pad through sand stages were pumped @ 15 BPM downhole. FQ averaged 70Q. Max pressure was 1163. Average rate was 15 bpm at 854 psi surface (990 psi bottomhole). ISIP was 435 psi; 5 min - 341 psi, 10 min - 325 psi, 15 min - 319 psi.

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STIMULATION COMPANY, LLC

12701 ENERGY RD FT. MORGAN, CO. 80701 · PH (970) 887-2786 · FAX (970) 887-8822

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

November 28, 2005

Blue Jay - Holdeman A-1, Stage A

Bevier (893-896, 4 spf), Crowburg (910-913, 4 spf), 24 shots total.

Started with 500 gals of 7.5% HCl. Followed with 420 gal gelled water flush. Started treatment with a pad of 5000 gallons of MavFoam C70, followed by 9150 gals of MavFoam C70 carrying 18450 lbs 16/30 Ottawa Sand at 1.0 to 3.0 ppg down hole. The treatment was flushed to the top perforation with 596 gal gelled water, than over flushed by 42 gal. A total of 121,000 SCF of N₂ was used.

Started acid @ 3.5 bpm, STP-0, BH-41. Started Flush, STP-2005, BH-2179. Started Pad, STP-896, BH-1166; rate was increased to 20 BPM due to falling pressure and potentially losing pad. Initial FQ was 56. Sand stages are as follows: Start 1#, STP-850, BH-908, FQ-70. Start 2#, STP-881, BH-960, FQ-71. Start 3#, STP-881, BH-968, FQ-72; rate was increased to 21 BPM due to declining pressure. Start Flush, STP-843, BH-1027, FQ-71. Pad through sand stages were pumped @ 15-21 BPM downhole. FQ averaged 71Q. Max pressure was 2423. Average rate was 20 bpm at 879 psi surface (967 psi bottomhole). ISIP was 491 psi; 5 min - 398 psi, 10 min - 372 psi, 15 min - 356 psi.

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