

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 33711  
Name: B C Steel, LLC.  
Address 1: 209 N. Fry  
Address 2: \_\_\_\_\_  
City: Yates Center State: Ks Zip: 66783 + \_\_\_\_\_  
Contact Person: Bert Carlson  
Phone: ( 620 ) 625 2999  
CONTRACTOR: License # 30567  
Name: Rig 6 Drilling  
Wellsite Geologist: Raymond Leigh  
Purchaser: Nat-Gas  
Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
 Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW \_\_\_\_\_  
 Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd. \_\_\_\_\_  
\_\_\_\_\_ 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. \_\_\_\_\_ Conv. to SWD \_\_\_\_\_  
\_\_\_\_\_ Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
10/16/08 10/23/08 1/7/09  
Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or \_\_\_\_\_  
Recompletion Date \_\_\_\_\_ Recompletion Date \_\_\_\_\_

API No. 15 - 035-24,313-00-00  
Spot Description: \_\_\_\_\_  
 NW  SW  NE Sec. 10 Twp. 32s S. R. 7  East  West  
1650' Feet from  North /  South Line of Section  
2310 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Cowley  
Lease Name: Beamer Well #: 3  
Field Name: School Creek North  
Producing Formation: Cleveland  
Elevation: Ground: 1397 Kelly Bushing: 5'  
Total Depth: 2895 Plug Back Total Depth: 2557  
Amount of Surface Pipe Set and Cemented at: 2557 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: \_\_\_\_\_  
feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan AIT I ncr 3-11-09  
(Data must be collected from the Reserve Pit)  
Chloride content: 950 ppm Fluid volume: 15 bbls  
Dewatering method used: suction truck  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: B-C STEEL  
Lease Name: Beamer License No.: 33711  
Quarter SE Sec. 10 Twp. 32s S. R. 7  East  West  
County: Cowley Docket No.: E-06951

**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.

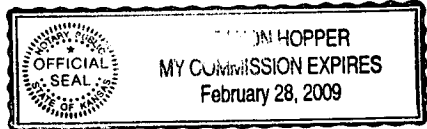
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: W. Roger F. Hopper  
Title: Area Manager Date: 2/13/09  
Subscribed and sworn to before me this 13 day of Feb  
20 09.  
Notary Public: Earlton Hopper  
Date Commission Expires: 2-28-09

**KCC Office Use ONLY**

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

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CONSERVATION DIVISION  
WICHITA, KS

*For  
2/19/09*

Side Two

Operator Name: B C Steel, LLC. Lease Name: Beamer Well #: 32s  
 Sec. 10 Twp. 32s S. R. 7  East  West County: Cowley

**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 checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Cleveland	2431	-1034
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

List All E. Logs Run: *rec'd 2 logs w/ ACOI:  
DIL; DUAL COMPST. POROSITY LOG*

CASING RECORD <input 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 1/4	8 5/8	28#	304	Class A	150	3%cac2/2%gel 1/4#floseal
Production	6 3/4	4 1/2	11.6	2557	Thick Set	140	700#Kol-seal

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
2	2431 to 2433	Fracture information attached	
2	2435 to 2440		

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TUBING RECORD:	Size: <u>2 3/8 "</u>	Set At: <u>2435</u>	Packer At: <u>0</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>1/10/09</u>	Producing Method: <input checked="" type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbbs. <u>0</u>	Gas Mcf <u>100</u>	Water Bbbs. <u>0</u>	Gas-Oil Ratio <u>0</u>
				Gravity <u>0</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input checked="" type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Team Resources, Inc. (BC Steel)  
 Burger # 3  
 Cowley County Kansas  
 Frac Treatment  
 30-Nov-08

**FLUID SPECIFICATIONS**

Fluid 1: Acid  
 Fluid 2: Pad  
 Fluid 3: Sand  
 Fluid 4: Flush  
 Fluid 5: Tank Bottom  
 Fluid 6: Total Fluid Requirements

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**CHEMICAL**

**UOM**

**LOADING PER 1000 GALS.**

Bio-5 Biocide  
 P - CSA - 5  
 Guar W-30  
 Non E-1  
 Liquid KCL Substitute  
 Aque-Breaker  
 I-4 Low Temperature Inhibitor

Pound  
 Gallon  
 Pound  
 Gallon  
 Gallon  
 Gallon  
 Gallon

Fluid 1:	Fluid 2:	Fluid 3:	Fluid 4:	Fluid 5:	Fluid 6:	
250 gls.	7,000 gls.	7,000 gls.	2,020 gls.	1,000 gls.	17,270 gls.	
	0.20	0.20	0.20			
	5.00	5.00	5.00	5.00		
	20.00	20.00	20.00	20.00		
	1.00	1.00	1.00	1.00		
	1.00	1.00	1.00	1.00		
	0.10					
1.00						

**Fluid Requirements**

Frac Tanks: 1

Total Bbls: 405

**— Additional Information —**

Note: Actual Breaker Loadings will be determined by pre-job testing.

Perfs: 2418 - 2450 26 Holes

Technology Stimulation Service does not Furnish water.

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# TECHNOLOGY

## STIMULATION SERVICES

### FORMATION

Cleveland Sand

Fluid Hydrostatic Gradient	0.435
Bottom Perf Depth	2,450
Pipe Size	4 1/2
Pipe Volume Coefficient	0.01590
Flush Volume	1,615
Pipe Friction Pres. Grad.	90
Perf Diameter	0.420
Perf Friction Pres. Grad.	90

BHFP=	1,339
HH=	1,059
P <sub>i (perf)</sub> =	219
P <sub>i (pipe)</sub> =	219

Stage	Slurry Rate	Gallons	Fluid Type	Proppant Type	Concentration	Stage Prop Total	Clean Bbls	Cum. Bbls	Slurry Bbls	Stage Time (min)
Acid	6	250	Hcl		0.15		6.0	6.0	6.0	1.0
Pad	25	7000	AquaFrac-20				166.7	172.6	166.7	6.7
Sand	25	2000	AquaFrac-20	16/30 Brady	1	2000	47.6	220.2	49.7	2.0
Sand	25	2000	AquaFrac-20	16/30 Brady	2	4000	47.6	267.9	51.9	2.1
Sand	25	1667	AquaFrac-20	16/30 Brady	3	5001	39.7	307.5	45.0	1.8
Sand	25	1334	AquaFrac-20	12/20 Brady	3	4002	31.8	339.3	36.0	1.4
Flush	25	1600	AquaFrac-20				38.1	377.4	38.1	1.5
Over Flush	15	420	AquaFrac-20				10.0	10.0	10.0	0.7
Totals		16271				15003	387.4		403.4	17.2

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# TECHNOLOGY STIMULATION SERVICES

## Chemicals

1112	4.0 Pound	Bio-5 Biocide
1126	86.0 Gallon	P-CSA - 5
1201	341.0 Pound	Guar W-30
1151	18.0 Gallon	Non E-1
1121	18.0 Gallon	Liquid KCl. Substitute
1304	1.0 Gallon	Aque-Breaker
1451	1.0 Gallon	I-4 Low Temperature Inhibitor

## Proppants/Diverters/Acid

1003	110 CWT	16/30 Brady
1004	40 CWT	12/20 Brady
1405	250 Gallon	15% HCL

## Equipment

2006	2.0 Each	Group Pump 1000 HP
2103	1.0 Each	21-30 BPM Blender
2403	1.0 Per Job	AMJ
2903	1.0 Each	4 IN. 5000 PSI Valve
2111	2.0 Hr	Mixing Time
2201	300.0 MI	Heavy Equip. One Way
2202	60.0 MI	Light Equip. One Way
2204	450.0 TM	Sand Cartage
2805	1.0 Each	Radioactive Densimeter

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## JOB ESTIMATE:

We appreciate the opportunity to present this proposal to you. If you have any questions or would like to make any changes to this proposal, please do not hesitate to contact me. We look forward to working with you in the near future.

Thank you,

Neal Rupp

### Disclaimer Notice

This technical data is presented in good faith, but no warranty is given by and Technology Stimulation Services assumes no liability for advice or recommendations made concerning results to be obtained from the use of any product or service. The information presented is Technology Stimulation Services best estimate of the actual results that may be achieved and should be used for comparison purposes rather than absolute values.

Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services.

Discount rate is based on 30 days net payment terms or cash.



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 20252  
LOCATION EUREKA  
FOREMAN Kevin McCoy

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-17-08	1152	Beamer #3	10	325	7E	Cowley
CUSTOMER B.C. Steel Gas LLC / CEP			Rig 6 DRig.			
MAILING ADDRESS 1432 Nighthawk Rd						
CITY Yates Center	STATE Ks	ZIP CODE 66783				
TRUCK # DRIVER TRUCK # DRIVER						
			445 Justin			
			479 Phillip			
			436 Jerrid			

JOB TYPE SURFACE HOLE SIZE 12 1/4 HOLE DEPTH 302 G-L. CASING SIZE & WEIGHT 8 5/8 24 \* new  
CASING DEPTH 308 KB DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 15 \* SLURRY VOL 36 BBL WATER gal/sk 6.5 CEMENT LEFT in CASING 20'  
DISPLACEMENT 18.2 BBL DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 8 5/8 casing. Break circulation w/ 10 BBL fresh water. Mixed 150 sks Class "A" Cement w/ 3% CaCl2, 2% Gel, 1/4 \* flocele /sk @ 15 \* / gal, yield 1.35. Displace w/ 18.2 BBL fresh water. Shut casing in. Good Cement Returns to SURFACE = 11 BBL Slurry to Pit. Job Complete. Rig down.

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	725.00	725.00
5406	60	MILEAGE	3.65	219.00
11045	150 sks	CLASS "A" Cement	13.50	2025.00
1102	425 *	CaCl2 3%	-75 *	318.75
1118 A	280 *	Gel 2%	.17 *	47.60
1107	38 *	Flocele 1/4 * /sk	2.10	79.80
5407 A	7.05 Tons	60 miles BULK TRUCK	1.20	507.60
5502 C	4 Hrs	80 BBL VAC TRUCK	100.00	400.00
1123	3000 gals	City water	14.00/1000	42.00
			Sub Total	4364.75
			SALES TAX 5.8%	145.77
			ESTIMATED TOTAL	4510.52

THANK YOU  
*[Signature]*

Ravin 3737

AUTHORIZATION Witnessed By Roger TITLE B.C. Steel Co. Rep. DATE \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

**ENTERED**

TICKET NUMBER 20313  
LOCATION Eureka  
FOREMAN Troy Strickler

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-27-08	1152	Beamer #3				Cowley
CUSTOMER			TRUCK #			
B.C. Steel Gas LLC			DRIVER			
MAILING ADDRESS			TRUCK #			
1432 Nighthawk Rd.			DRIVER			
CITY			TRUCK #			
Yates Center			DRIVER			
STATE			TRUCK #			
KS			DRIVER			
ZIP CODE			TRUCK #			
66783			DRIVER			

JOB TYPE Longstring HOLE SIZE 6 3/4" HOLE DEPTH 2895' CASING SIZE & WEIGHT 4 1/2" 11.60"  
CASING DEPTH 2564' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
SLURRY WEIGHT 13.4" SLURRY VOL 42.1861 WATER gal/sk 8" CEMENT LEFT in CASING 0'  
DISPLACEMENT 39.7861 DISPLACEMENT PSI 900 MIX PSI 1400 bump plug RATE \_\_\_\_\_

REMARKS: Safety Meeting: Rig up to 4 1/2" casing. Break circulation w/ 500l water. Mixed 140sk Thick Set Cement w/ 5" Kol-Seal @ 13.4"/gal. Wash out Pump & lines. Release Plug. Displace w/ 39.7861 water. Final Pumping Pressure 900PSI. Bump Plug to 1400PSI. wait 2mins. Release Pressure. Float Held. Good Circulation @ all times while Cementing.

Job Complete

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ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	925.00	925.00
5406	70	MILEAGE	3.65	255.50
1126A	140sk	Thick Set Cement	17.00	2380.00
1110A	700*	Kol-Seal 5"/sk	.42	294.00
5407A	7.7 Ton	Ton - Mileage	1.20	646.80
4404	1	4 1/2 Top Rubber Plug	45.00	45.00
4156	1	4 1/2" Flapper Type Float shoe	227.00	227.00
4129	6	4 1/2" Centralizers	40.00	240.00
5502C	Shrs	Water Transport	100.00	500.00
1123	3000gal	City Water	14.00/1000	42.00
<u>Thank You!</u>			Sub Total	5555.30
			SALES TAX	187.28
			ESTIMATED TOTAL	5742.58

Ravin 3737

226911

AUTHORIZATION witnessed by Royer

TITLE Co-Rep

DATE \_\_\_\_\_