

MAR 25 2003  
**KANSAS CORPORATION COMMISSION**  
**OIL AND GAS CONSERVATION DIVISION**  
**WELL COMPLETION FORM**

Form ACO-1  
 September 1999  
 Form Must Be Typed

**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 31269  
 Name: Belco Energy Corp  
 Address: 8908 S. Yale, Ste 340  
 City/State/Zip: Tulsa, OK 74137-3522  
 Purchaser: \_\_\_\_\_  
 Operator Contact Person: Roger Northcutt  
 Phone: ( 316 ) 598-2263  
 Contractor: Name: Halliburton Energy Services  
 License: 5287

Wellsite Geologist: \_\_\_\_\_  
 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: Belco Energy Corp  
 Well Name: George B. Strong #5  
 Original Comp. Date: 6-4-62 Original Total Depth: 5659  
 \_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Enhr./SWD  
 Plug Back 4858 Plug Back Total Depth \_\_\_\_\_  
 \_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 \_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 \_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

11-06-01 11-08-01 11-12-01  
 Spud Date or Date Reached TD Completion Date or  
 Recompletion Date Recompletion Date

API No. 15 - 189-50001-0001  
 County: Seward  
 SE: NW SE: SE Sec. 12 Twp. 31 S. R. 35  East  West  
688 feet from (S) / N (circle one) Line of Section  
690 feet from (E) / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE  NW SW  
 Lease Name: George B. Strong Well #: 5  
 Field Name: \_\_\_\_\_  
 Producing Formation: Marmaton B

Elevation: Ground: 2963 Kelly Bushing: \_\_\_\_\_  
 Depth: 5659 Plug Back Total Depth: 5243  
 Amount of Surface Pipe Set and Cemented at 656 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** *Re-Entry Well 3/25/03*  
 (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.: \_\_\_\_\_

**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: *Randy Frank*  
 Title: Senior Analyst Date: 2-10-02  
 Subscribed and sworn to before me this 10th day of Februaury

2002  
 Notary Public Cathey Blackwell  
 Date Commission Expires: 5-21-05 My Commission Expires May 21, 2005

**KCC Office Use ONLY**

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

Operator Name: Belco Energy Corp Lease Name: George B. Strong Well #: 5

Sec. 12 Twp. 31 S. R. 35  East  West County: Seward

**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.

<p>Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i></p> <p>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i></p> <p>List All E. Logs Run:</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;"><input checked="" type="checkbox"/> Log</td> <td style="width:70%;">Formation (Top), Depth and Datum</td> <td style="width:20%;"><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td>Top</td> <td>Datum</td> </tr> <tr> <td>Heebner</td> <td>4026</td> <td></td> </tr> <tr> <td>Lansing</td> <td>4112</td> <td></td> </tr> <tr> <td>Kansas City</td> <td>4380</td> <td></td> </tr> <tr> <td>Marmaton</td> <td>4754</td> <td></td> </tr> <tr> <td>Cherokee</td> <td>4958</td> <td></td> </tr> <tr> <td>Morrow Sand</td> <td>5301</td> <td></td> </tr> <tr> <td>Chest Marker</td> <td>5502</td> <td></td> </tr> <tr> <td>Chester Sand</td> <td>5548</td> <td></td> </tr> <tr> <td>St. Genevieve</td> <td>5610</td> <td></td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name	Top	Datum	Heebner	4026		Lansing	4112		Kansas City	4380		Marmaton	4754		Cherokee	4958		Morrow Sand	5301		Chest Marker	5502		Chester Sand	5548		St. Genevieve	5610	
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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"	24	656'		500	
Production	7 7/8"	5 1/2"	14	5658'		1000	

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	4798 - 4802 (Marmaton B)	1000 gal 15% HCL Acid	4798 -
		2 gal CL-150 (inhibitor)	4803
		3 gal IRA 50 (iron reducer)	
		5 gal NEA-100 (Emulsion)	
		flush w/fresh water +2% KCL-1250 gal	

TUBING RECORD	Size <b>2 7/8"</b>	Set At <b>4774</b>	Packer At <b>4774</b>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or Enhr. <b>2-2 -02</b>	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 Bbls. --- Gas Mcf <b>1500</b> Water Bbls. --- Gas-Oil Ratio <b>Release</b> Gravity

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

METHOD OF COMPLETION  Open Hole  Peri.  Dually Comp.  Commingled  Other (Specify)

Production Interval

**Confidential**