

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
June 2009

Form Must Be Typed
Form must be Signed
All blanks must be Filled

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) 485-6064
CONTRACTOR: License # 5495
Name: McPHERSON DRILLING COMPANY
Wellsite Geologist: LEIGH RAYMOND
Purchaser: NAT-GAS

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
 Gas D&A ENHR SIGW
 OG GSW Temp. Abd.
 CM (Coal Bed Methane)
 Cathodic Other (Core, Expl., 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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

8-23-2010	9-3-2010	9-4-2010
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-035-24369-00-00
Spot Description: 990' FLN AND 330' FWL
SW NW NW Sec. 17 Twp. 32 S. R. 8 East West
990 Feet from North / South Line of Section
330 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: COWLEY
Lease Name: BUTTS Well #: 17-2
Field Name: WINDSOR SOUTHEAST
Producing Formation: LAYTON B
Elevation: Ground: 1279 Kelly Bushing: 1284
Total Depth: 1893 Plug Back Total Depth: SURFACE
Amount of Surface Pipe Set and Cemented at: 1851 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set: _____ Feet
If Alternate II completion, cement circulated from: 1893
feet depth to: SURFACE w/ 75 sx cmt.

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Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: 3000 bbls
Dewatering method used: EVAPORATED
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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.

AFFIDAVIT

I am the affiant and I hereby certify that 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: agent Date: 5/15/2011

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

Att- Dig - 6/1/11

Operator Name: B-C STEEL, LLC Lease Name: BUTTS Well #: 17-2
 Sec. 17 Twp. 32 S. R. 8 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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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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
LONG STRING	6 3/4	4 1/2		1892	THICK SET	75	KOL-SEAL #5
SURFACE		2-3/8 8.625		1851 464		150	

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
20	3 1/8 SLICK TAG GUN	RECEIVED MAY 23 2011 KCC WICHITA	1825'-1835'
13	3 1/8 SLICK TAG GUN		1846'-1852'
9	3 1/8 SLICK TAG GUN		1861'-1865'
9	3 1/8 SLICK TAG GUN		1867'-1871'

TUBING RECORD:	Size: <u>2 3/8</u>	Set At: <u>1851</u>	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. NOT PRODUCING AT THIS TIME	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input 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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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CONSOLIDATED
Oil Well Services, LLC

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

3RD well

TICKET NUMBER 50990
FIELD TICKET REF # _____
LOCATION Thayer
FOREMAN Brent Whiteman

TREATMENT REPORT
FRAC & ACID

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10-19-10		Butts #177				
CUSTOMER B-C Steel			TRUCK #			
MAILING ADDRESS			DRIVER			
CITY		STATE	ZIP CODE	TRUCK #		
			DRIVER			
			524 London			
			490 ERIC			
			482 MARK			
			453791 Charles			
			455795 Trampis			

WELL DATA

CASING SIZE <u>4 1/2</u>	TOTAL DEPTH <u>1898'</u>
CASING WEIGHT	PLUG DEPTH
TUBING SIZE <u>2 3/8 8EUE</u>	PACKER DEPTH <u>1700'</u>
TUBING WEIGHT	OPEN HOLE
PERFS & FORMATION	
<u>1820</u> four (39) sections	

TYPE OF TREATMENT
FRAC

CHEMICALS
KCL SUB - Biocide - StimoiT - Breaker

STAGE	BBL'S PUMPED	INJ RATE	PROPPANT PPG	SAND / STAGE	PSI	
PAD	40	12.5			900	BREAKDOWN none
20-40		12.5	15-10			START PRESSURE
20-40		12.5	2.0	1,000"		END PRESSURE
12-20			1.0			BALL OFF PRESS
12-20			2.0	1500"	800	ROCK SALT PRESS
12-20 (5)+(5) balls			8-1.0		850	ISIP <u>50-VACUUM</u>
12-20			2.0	1500"	800	5 MIN
12-20 (5)+(5) balls			8-1.0		825	10 MIN
12-20 (5)+(5) balls		12.5	1.0	2,000"	800	15 MIN
12-20 (5)+(5) balls		12.5	2.0	2,000"	825	MIN RATE
FLUSH TUB/CAS.					900	MAX RATE
Release balls to TD.						DISPLACEMENT <u>6.5 + 1.9</u>
OVER FLUSH	25	12.5	TOTAL	8,000 #	800	8.4
TOTAL BBL'S	275		SAND			

REMARKS:

well acidized ahead w/ABO

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Location 2:45 PM - 4:00 PM

100 miles

AUTHORIZATION Brent Whiteman

TITLE Field Sup

DATE 10-19-10

Terms and Conditions are printed on reverse side.

CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE

Invoice # 236486

Invoice Date: 09/13/2010 Terms:

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B.C. STEEL GAS LLC
209 N. FRY
P.O. BOX 326
YATES CENTER KS 66783
(620) 625-2999

BUTTS 17-2
29102
09-04-10

Part Number	Description	Qty	Unit Price	Total
1126A	THICK SET CEMENT	75.00	17.0000	1275.00
1110A	KOL SEAL (50# BAG)	375.00	.4200	157.50
1107A	PHENOSEAL (M) 40# BAG)	40.00	1.1500	46.00
Description		Hours	Unit Price	Total
479	MIN. BULK DELIVERY	1.00	315.00	315.00
485	CEMENT PUMP	1.00	925.00	925.00
485	EQUIPMENT MILEAGE (ONE WAY)	60.00	3.65	219.00

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Parts:	1478.50	Freight:	.00	Tax:	100.54	AR	3038.04
Labor:	.00	Misc:	.00	Total:	3038.04		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____

BARTLESVILLE, OK
918/338-0808

ELDORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

GILLETTE, WY
307/686-4914

MCALISTER, OK
918/426-7667

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

WORLAND, WY
307/347-4577

B-C Steel LLC

September 20, 2010

Butts # 17-2

990 ft FNL , 330 ft FWL

17-32s-8e , Cowley Co. , Ks.

API # 15-035-24369

Billy McPherson Drilling

Com. 8/26/10 , Comp. 9/03/10

GL 1279 , KB 1284

464' 8 5/8ths w 150 sx , 1943' 4" w 75 sx

Geologist on loc. @ 1500'

Top Iatan 1382 (- 98)

Top Stalnaker 1434 (-150)

Top Lansing 1603 (-319)

Top Iola 1815 (-521)

Top Layton AA 1828 (-544)

Top Layton A 1850 (-566)

Top Layton B 1884 (-600)

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Zones and notes of interest :

There is a 7 ft difference between the logger and the driller , the logger showing the hole to be 7 ft deeper than the driller .

Layton AA 1829 – 1839 Sandstone , angular , medium grained , well sorted , well cemented (grayish white) , becoming lightly cemented with depth , Poor visible porosity becoming fair pinpoint porosity with depth , slightly hard to friable . Questionable flash odor , some oil rainbows , spotted fluorescence , no visible gas , questionable light cut . On the log this appears productive and could produce a small amount of gas . Perforate this zone before abandoning this well .

Layton A 1850 – 1860 Sandstone , small clusters , angular , medium to large grained , well sorted , clean , friable . Very good pinpoint porosity. Faint odor , frequent oil rainbows , occasional spots live light brown oil, no visible gas , scattered bright fluorescence with fair fluorescent cut . The log has neutron-density crossplot which is often caused by gas . This well should make gas and possibly a small amount of oil .

Layton B 1863 – 1879 Sandstone , fine to large grained , poorly sorted , rounded , friable , clean . Excellent large pinpoint porosity . No odor or rainbows , no visible shows of oil or gas (oil and gas has washed out ?) . this zone appears productive on the log and will probably make oil and gas .

Pipe was set to bottom to complete this well as an oil and gas producer .

**Leigh Raymond
2404 W. 27th St. South
Wichita , Kansas 67217**

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