

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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

ORIGINAL

OPERATOR: License # 7117
Name: Colorado Interstate Gas Company, LLC
Address 1: P. O. Box 1087
Address 2: _____
City: Colorado Springs State: CO Zip: 80944 + _____
Contact Person: Anthony P. Trinko
Phone: (719) 520-4557
CONTRACTOR: License # _____
Name: _____
Wellsite Geologist: _____
Purchaser: _____

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: Colorado Interstate Gas Company, LLC
Well Name: Boehm SWD #01
Original Comp. Date: 01/20/74 Original Total Depth: 3,845'
 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 #: 17,194
 ENHR Permit #: _____
 GSW Permit #: _____
12/04/12
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 129-20127-00-01
Spot Description: _____
NE SE NE Sec. 15 Twp. 33 S. R. 42 East West
1,640 3669 Feet from North / South Line of Section
100 135 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Morton
Lease Name: Boehm SWD Well #: 1
Field Name: Boehm Storage Field
Producing Formation: _____
Elevation: Ground: 3,480' Kelly Bushing: _____
Total Depth: 3,845' Plug Back Total Depth: 3,821'
Amount of Surface Pipe Set and Cemented at: 1,401' 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
(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 #: _____
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: Sr. Reservoir Engineer Date: 12/12/12

KCC Office Use ONLY
 Letter of Confidentiality Received **RECEIVED**
Date: _____ **KANSAS CORPORATION COMMISSION**
 Confidential Release Date: DEC 17 2012
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: DG Date: 12/18/12

Operator Name: Colorado Interstate Gas Company, LLC Lease Name: Boehm SWD Well #: 1
 Sec. 15 Twp. 33 S. R. 42 East West County: Morton

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 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 checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: <p style="font-size: 1.2em; margin-left: 20px;"><i>Cement Bond log</i></p>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> </table>	Name	Top	Datum
Name	Top	Datum		

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	12-1/4"	8-5/8	24	1,401'		710	
Production	7-7/8"	5-1/2	15.5	3,838'		800 HLC-200 50/50 P	
Cemented Liner	5-1/2" Casing	4-1/2	10.5	3,810'	Premium/Common	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
4	3,680-92', 3,716-20', 3,729-36', 3,762-74' (SWD Interval)	2,000 gal 15% HCl.	3,680-3,774'

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TUBING RECORD: Size: <u>2-3/8"</u> Set At: <u>3,671'</u> Packer At: <u>3,671'</u>		Liner Run: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.		Producing Method: <input 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
	Water Bbls.	Gas-Oil Ratio
		Gravity

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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December 13, 2012

Kansas Corporation Commission
Conservation Division
130 S. Market Street – Room 2078
Wichita, KS 67202

Re: KCC Form ACO-1 (Well History)
Boehm SWD #01 Workover
15-33S-42W, Morton County, KS
API #: 15-129-20127

Dear Sir/Madam:

Enclosed is a copy of a completed KCC Form ACO-1 to document the recent workover of CIG's Boehm SWD#01 well. Subsequent to reinstalling the tubing and packer, the well passed its KCC required state-witnessed MIT on December 4, 2012. The MIT results are being reported on Form PGS-7 (Mechanical Integrity Test) under separate cover.

If you have any questions or require additional information, please call me at 719-520-4557.

Sincerely,

A handwritten signature in black ink, appearing to read "Anthony P. Trinko".

Anthony P. Trinko
Sr. Reservoir Engineer
Gas Storage Engineering
Anthony_Trinko@kindermorgan.com

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PAGE 1 of 1	CUST NO 1000819	INVOICE DATE 11/30/2012
INVOICE NUMBER 1717 - 91062610		

Liberal (620) 624-2277
B COLORADO INTERSTATE GAS
I PO BOX 615
L FORT MORGAN
L CO US 80701
T
O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Boehm SWD #1
O LOCATION
B COUNTY Morton
S STATE KS
I JOB DESCRIPTION Cement-Casing Seat-Prod W
T JOB CONTACT
E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40539874	27462		Net - 30 days	12/30/2012

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 11/29/2012 to 11/29/2012</i>				
0040539874				
171703333A Cement-Casing Seat-Prod W 11/29/2012				
4 1/2" Liner				
Premium/Common	150.00	EA	16.00	2,400.00 T
C-37	99.00	EA	11.00	1,089.00 T
"Latch Down Plug & Baffle, 4 1/2" (Blu	1.00	EA	370.00	370.00 T
Industrial Rubber Thread Lock Kit	2.00	EA	34.00	68.00 T
CC-1	3.00	EA	44.00	132.00 T
Celloflake	25.00	EA	3.70	92.50 T
Heavy Equipment Mileage	160.00	MI	7.00	1,120.00 T
Blending & Mixing Service Charge	150.00	BAG	1.40	210.00 T
"Proppant & Bulk Del. Chgs., per ton mil	564.00	EA	1.60	902.40 T
Depth Charge; 3001-4000'	1.00	EA	2,160.00	2,160.00 T
Plug Container Util. Chg.	1.00	EA	250.00	250.00 T
"Unit Mileage Chg (PU, cars one way)"	80.00	MI	4.25	340.00 T
"Service Supervisor, first 8 hrs on loc.	1.00	EA	175.00	175.00 T

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PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	9,308.90
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	679.55
PO BOX 841903	801 CHERRY ST, STE 2100	INVOICE TOTAL	9,988.45
DALLAS, TX 75284-1903	FORT WORTH, TX 76102		



BASIC
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
P.O. Box 139
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET
1717 03333 A

DATE _____ TICKET NO. _____

DATE OF JOB: 11-29-12	DISTRICT: 1717	NEW WELL <input type="checkbox"/>	OLD WELL <input checked="" type="checkbox"/>	PROD <input type="checkbox"/>	INJ <input type="checkbox"/>	WDW <input checked="" type="checkbox"/>	CUSTOMER ORDER NO.:	
CUSTOMER: CIG	LEASE: Boehm SWD #1		WELL NO.:					
ADDRESS:		COUNTY: Merton	STATE: KS					
CITY:		SERVICE CREW: C. Torres, V. Vasquez		JOB TYPE: 241- 4 1/2" Uner				
AUTHORIZED BY: J. Bennett								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	TIME
19902	8						11-29-12	6:30
27462	8					ARRIVED AT JOB		9:00
27828	4					START OPERATION		10:00
14284	4					FINISH OPERATION		12:00
						RELEASED		1:00
						MILES FROM STATION TO WELL	80 mi	

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CL100	Premium/Common	sk	150		2400 00
CL126	C-37	lb	99		1089 00
CE606	4 1/2" Latch Downs Plug + Baffle	ea	1		370 00
CE3000	Thread Coole	ea	2		68 00
CE706	CC-1	gal	3		132 00
CE102	Polyflake	lb	75		92 50
CE101	Heavy Equipment Mileage	mi	160		1120 00
CE240	Blending + Mixing Service	sk	150		210 00
CE113	Proppants + Bulk Delivery	cu yd	564		902 40
CE204	Pump Depth: 3000-4000	unit	1		2160 00
CE504	Plug Containers	ea	1		250 00
CE100	Unit Mileage	mi	80		340 00
2003	Service Sprayer	ea	1		175 00

SUB TOTAL: 9308.90

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

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SERVICE REPRESENTATIVE: <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: _____	CONSERVATION SERVICE WICHITA, KS
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)	



Cement Report

Customer CTG		Lease No.		Date 11-29-12		
Lease Boehm SWD		Well # 1		Service Receipt 03333		
Casing 4 1/2" 10.5		County Morton		State KS		
Job Type 241-4 1/2" LWD		Formation		Legal Description		
Pipe Data		Perforating Data		Cement Data		
Casing size 4 1/2" 10.5#	Tubing Size	Shots/Ft		Lead		
Depth 380'	Depth	From	To			
Volume 60.7 bbl	Volume	From	To			
Max Press 2000#	Max Press	From	To	Tail in 50 sk Class H w/.7% Friction Reduction		
Well Connection	Annulus Vol.	From	To			
Plug Depth 3806"	Packer Depth	From	To			
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log	
9:00					onloc - site assessment	
9:05					spot trucks - rig up	
10:00					Safety meeting / OSHA	
10:25					pressure test 2000#	
10:30	200		30	2	circ hole	
10:45	600		31.5	1.5	mix + pump 180 sk premium/Komcon w/.7% Friction Reducer @ 15.6 gpp - 1.18 ft ³ /sk - 5.18 gyl/sk	
11:15				4.3	wash bars, drop plug	
11:30	1000		0	1.3	disp CSG	
12:15	1500		60.7	0	land latch down plug, start held job complete	
Service Units		19902	27462	27205-14284		
Driver Names		A Owens	C Davis	V Vasquez		

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Tim Customer Representative J Bennett Station Manager A Owens Cementer