

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 # 7117
Name: Colorado Interstate Gas Company
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 # N/A
Name: N/A
Wellsite Geologist: N/A
Purchaser: N/A

Designate Type of Completion:
 New Well Re-Entry Workover
 Oil WSW SWD SLOW
 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

Well Name: Boehm #23
Original Comp. Date: 09/11/1975 Original Total Depth: 4,960' GL
 Deepening Re-perf. Conv. to ENHR Conv. to SWD
 Conv. to GSW
 Plug Back: CIBP 4,790' GL+10' Cmt. Plug Back Total Depth _____
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>08/25/10 (Recomp.)</u>	<u>07/18/75</u>	<u>08/31/10</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 129-20185-00-00
Spot Description:
SE SE Sec. 10 Twp. 33 S. R. 42 East West
300 Feet from North / South Line of Section
132 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Morton
Lease Name: Boehm Well #: 23
Field Name: Boehm Storage Field
Producing Formation: 'G' Sand (Gas Storage Formation)
Elevation: Ground: 3,476' Kelly Bushing: N/A
Total Depth: 4,960' Plug Back Total Depth: 4,780' GL (CIBP+Cmt)
Amount of Surface Pipe Set and Cemented at: 1,380' GL 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. Geologist Date: 9/14/10

RECEIVED
SEP 1 2010
KCC OFFICE

KCC Office Use ONLY

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: wo Dg Date: 4/6/11

Operator Name: Colorado Interstate Gas Company Lease Name: Boehm Well #: 23
 Sec. 10 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no. Submit Copy)</i> List All E. Logs Run: Dual-Induction Laterolog, Compensated Neutron-Density	<input checked="" 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> <tr> <td>'G' Sand</td> <td>4,751'</td> <td>-1,275' GL</td> </tr> <tr> <td>Keyes Sand</td> <td>4,804'</td> <td>-1,328' GL</td> </tr> </table>	Name	Top	Datum	'G' Sand	4,751'	-1,275' GL	Keyes Sand	4,804'	-1,328' GL
Name	Top	Datum								
'G' Sand	4,751'	-1,275' GL								
Keyes Sand	4,804'	-1,328' GL								

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	17" & 12-1/4"	13-3/8" & 8-5/8"	48 & 24	124' & 1,380' GL	"H" & Lite	150 & 600	2% CaCL + .25# Flocc/sx.
Production		9-5/8"	36	80' GL	Lite	820	12.5# Gil & .25# Flocc/sx
Production	7-7/8"	5-1/2"	15.5	4,952' GL	50/50 Pozmix	200	12.5# Gil & .5# Flocc/sx

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input checked="" type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	4,780' - 4,790'	Class A	2	Cement spotted on CIBP set on 8/27/10.

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
4	4,752' - 4,768' GL	New 'G' Sand Storage Reservoir Perfs (8/30/10)	
		CIBP + 2 sx Cement (8/27/10)	4,790' GL
2	4,806' - 4,809' GL	Orig. Keyes Sand Storage Reservoir Perfs	
2	4,818' - 4,848' GL	Orig. Keyes Sand Storage Reservoir Perfs	

TUBING RECORD: Size: <u>2-3/8"</u>		Set At: <u>4,729' GL</u>	Packer At: <u>4,729' GL</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> Other (Explain) <u>Gas Storage Well</u>		
Estimated Production Per 24 Hours	Oil Bbls. <u>N/A</u>	Gas Mcf <u>N/A</u>	Water Bbls. <u>N/A</u>	Gas-Oil Ratio <u>N/A</u> Gravity <u>N/A</u>

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: <div style="text-align: center; border: 1px solid black; padding: 5px; font-weight: bold; font-size: 1.2em;">RECEIVED</div>
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September 10, 2010

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

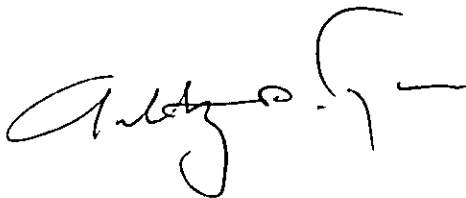
Re: KCC Form ACO-1 (Well History)
Colorado Interstate Gas Company (7117)
Boehm #23 Gas Storage Well
10-T33S-R42W
Morton County, KS

Dear Sir/Madam:

Enclosed is an original KCC Form ACO-1 to document the plugging back of the Keyes Sand and the addition of perforations in the 'G' Sand gas storage reservoir in the Boehm #23 Gas Storage Well.

Please let me know if you have any questions or require additional information.

Sincerely,



Anthony P. Trinko
Sr. Geologist
Reservoir Services