

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 # 34475
Name: TCPL/KEYSTONE PIPELINE MP 742.2
Address 1: HWY. 7 & 150TH RD
Address 2: _____
City: SEVERANCE State: KS Zip: 66087 + _____
Contact Person: CHARLES BUCY
Phone: (660) 939-3239
CONTRACTOR: License # 480
Name: WILLIAMS DRILLING
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.): CATHODIC

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 #: _____
12-18-10 12-20-10 12-20-10
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 1504320051-00 00
Spot Description: TCPL/KEYSTONE PIPELINE
SE SE SE NE Sec. 11 Twp. 4 S. R. 21 East West
2,417 Feet from North / South Line of Section
5,025 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: DONIPHAN
Lease Name: MP 742.2 Well #: _____
Field Name: _____
Producing Formation: _____
Elevation: Ground: _____ Kelly Bushing: _____
Total Depth: 350 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 60' 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: STEEL PIT
Location of fluid disposal if hauled offsite:
Operator Name: BADGER DAYLIGHTING
Lease Name: ON SITE License #: _____
Quarter N Sec. 11 Twp. 4 S. R. 21 East West
County: DONIPHAN 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: Charles L. Bucy
Title: Corrosion Specialist Date: 2/3/2011

KCC Office Use ONLY
 Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____ **RECEIVED**
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: DG Date: 2/2/11
KCC WICHITA

Operator Name: TCPL/KEYSTONE PIPELINE MP 742.2 Lease Name: MP 742.2 Well #: _____
 Sec. 11 Twp. 4 S. R. 21 East West County: DONIPHAN

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 checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: ELECTRICAL CP LOG	<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
SEAL AQUIFER	16"	10"	SDR 21	60'	NEAT CEMENT	23	N/A

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 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; font-weight: bold; font-size: 1.2em;">RECEIVED</div> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">FEB 04 2011</div>
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COMPANY: CORRPRO
 COMPANY REP.: Nick Andersen (LSC)
 LOCATION: Silverance Pump Station
 JOB NO.: 311802
 FOREMAN: Jimmy Corrao
 DRILLER: Williams

DATE: 12-17-10
 DIA. HOLE: 9.5"
 DEPTH: 350'
 COKE TYPE: A/Coke
 # OF COKE: 135
 # OF BENTONITE: 10

CASING: Yes
 DIAMETER: 10"
 CASING DEPTH: 60'
 # OF ANODES: 18
 ANODE TYPE: Anotec
 ANODE LEAD: _____

RECTIFIER MFG: _____
 MODEL: C-5A15B-80-50
 SERIAL #: C-91196
 V-DC: 80 A-DC: 50

DEPTH FT.	DRILLERS LOG	ANODE NO.	ELECTRIC LOG			REMARKS		
			VOLTS	AMPS	RESIS.			
0	Brown Clay & Sand							
5								
10								
15								
20								
25								
30								
35								
40								
45								
50								
55								
60		Casing Black, white, gray rock						
65								
70								
75			.2					
80			.3					
85			.4					
90			.4					
95			.4					
100			.4					
105			Green Shale Green Rock & Clay					
110								
115				.3				
120				.1				
125				.1				
130				.8				
135		Limestone						
140								
145				1.2				
150				1.2				
155			1.1					
160			1.1					
165			1.3					
170			1.3					
175			1.5					
180			1.5					
185			1.7					
190			1.7					
195		1.9						
200		1.9						
205								

DEPTH FT.	DRILLERS LOG	ANODE NO.	ELECTRIC LOG			REMARKS
			VOLTS	AMPS	RESIS.	
210	Limestone					
215		2.3				
220		1.3				
225		1.5				
230		2.4				
235		1.8				
240		2.4				
245		1.8				
250		2.3				
255		2.8				
260		2.8				
265		2.9				
270		2.9				
275		1.2				
280		1.0				
285		1.9				
290		4.4				
295		3.1				
300						
305						
310						
315						
320						
325						
330						
335						
340						
345						
350						
355						
360						
365						
370						
375						
380						
385						
390						
395						
400						

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COMPANY: _____
 COMPANY REP.: _____
 LOCATION: _____
 JOB NO.: 31802
 FOREMAN: _____
 DRILLER: _____

DATE: 12-18-10
 DIA. HOLE: _____
 DEPTH: _____
 COKE TYPE: _____
 # OF COKE: _____
 # OF BENTONITE: _____

CASING: _____
 DIAMETER: _____
 CASING DEPTH: _____
 # OF ANODES: _____
 ANODE TYPE: _____
 ANODE LEAD: _____

RECTIFIER MFG: _____
 MODEL: _____
 SERIAL #: _____
 V-DC: _____ A-DC: _____

DEPTH FT.	DRILLERS LOG	ANODE NO.	ELECTRIC LOG			
			VOLTS	AMPS	RESIS.	REMARKS
0						
5						
10						
15						
20						
25						
30						
35						
40						
45						
50						
55						
60						
65						
70						
75						
80						
85						
90						
95						
100						
105						
110						
115						
120						
125						
130						
135						
140						
145						
150						
155						
160						
165						
170						
172						
136		1		1.5		
148		2		1.9		
160		3		1.8		
172		4		1.7		

184
196
208
220
232
244
256
268
280
292
304
316
328

DEPTH FT.	DRILLERS LOG	ANODE NO.	ELECTRIC LOG			
			VOLTS	AMPS	RESIS.	REMARKS
210		5		2.0		
215						
220		6		2.4		
225						
230		7		1.6		
235						
240		8		1.8		
245						
250		9		2.9		
255						
260		10		2.0		
265						
270		11		2.3		
275						
280		12		3.4		
285						
290		13		3.2		
295						
300		14		1.5		
305						
310		15		1.3		
315						
320		16		2.5		
325						
330		17		3.5		
335						
340		18		4.7		
345						
350						
355						
360						
365						
370						
375						
380						
385						
390						
395						
400						

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With Coke

3 of 3



corrpro®

COMPANY: _____
 COMPANY REP.: _____
 LOCATION: _____
 JOB NO.: 311802
 FOREMAN: _____
 DRILLER: _____

DATE: 12-18-10
 DIA. HOLE: _____
 DEPTH: _____
 COKE TYPE: _____
 # OF COKE: _____
 # OF BENTONITE: _____

CASING: _____
 DIAMETER: _____
 CASING DEPTH: _____
 # OF ANODES: _____
 ANODE TYPE: _____
 ANODE LEAD: _____

RECTIFIER MFG: _____
 MODEL: _____
 SERIAL #: _____
 V-DC: _____ A-DC: _____

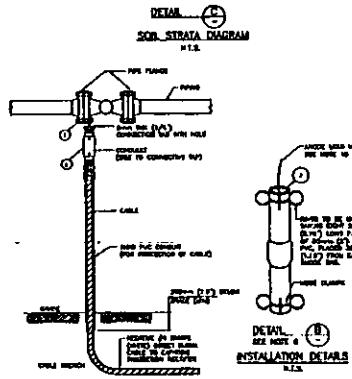
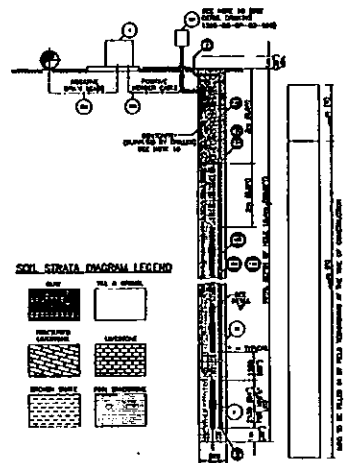
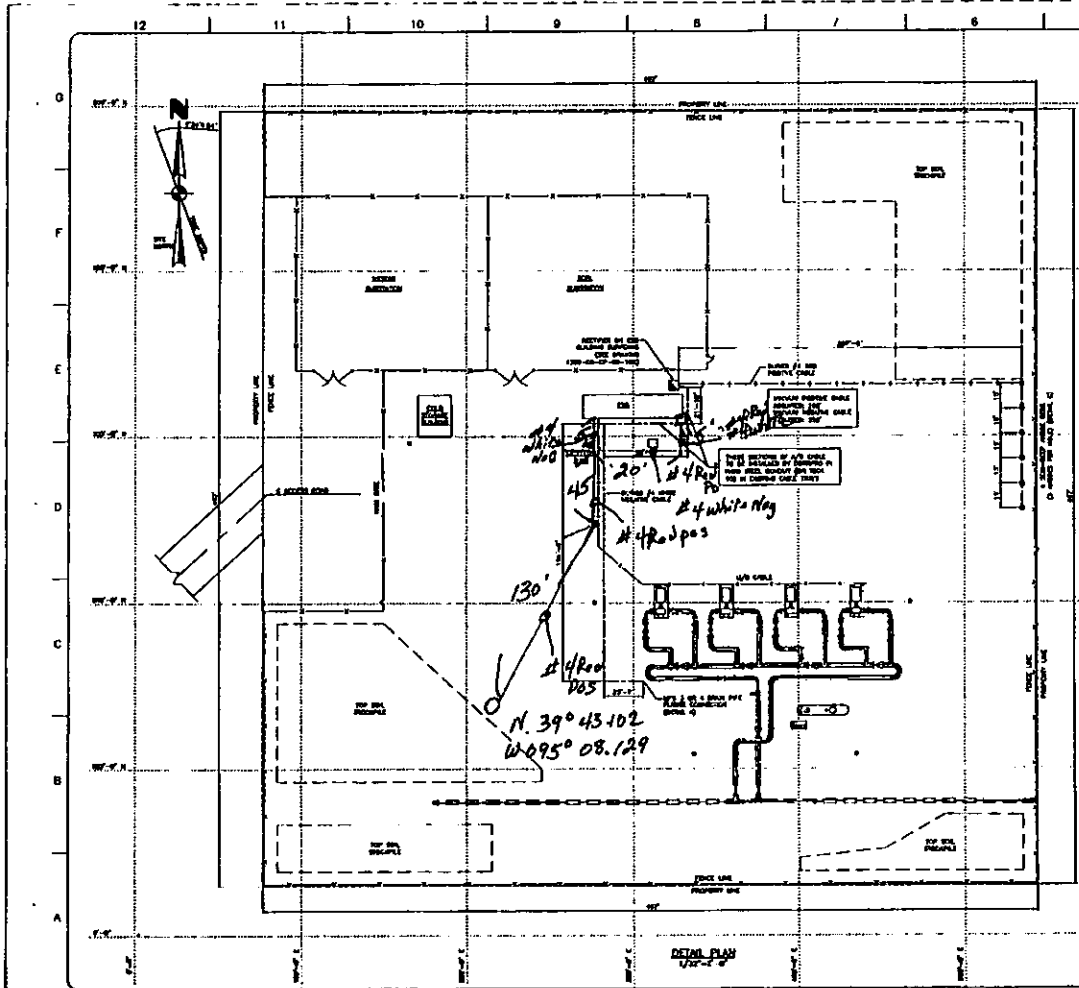
DEPTH FT.	DRILLERS LOG	ANODE NO.	ELECTRIC LOG			REMARKS
			VOLTS	AMPS	RESIS.	
0						
5						
10						
15						
20						
25						
30						
35						
40						
45						
50						
55						
60						
65						
70						
75						
80						
85						
90						
95						
100						
105						
110						
115						
120						
125						
130						
135						
140						
145						
150						
155						
160						
165						
170						
175						
180		1		5.5		
185		2		4.8		
190		3		4.6		
195		4		4.7		
200						
205						

184
196
208
226
232
244
256
268
280
292
304
316
328

DEPTH FT.	DRILLERS LOG	ANODE NO.	ELECTRIC LOG			REMARKS
			VOLTS	AMPS	RESIS.	
210		5		4.8		
215						
220		6		3.5		
225						
230		7		5.3		
235						
240		8		5.4		
245						
250		9		4.9		
255						
260		10		3.1		
265						
270		11		4.1		
275						
280		12		5.1		
285						
290		13		4.7		
295						
300		14		2.8		
305						
310		15		2.6		
315						
320		16		4.7		
325						
330		17		6.1		
335						
340		18		6.6		
345						
350						
355						
360						
365						
370						
375						
380						
385						
390						
395						
400						

136
48
60
72

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NO.	DESCRIPTION	QUANTITY	UNIT
1	PIPE 12\"/>		

NO.	DESCRIPTION	QUANTITY	UNIT
1	PIPE 12\"/>		

- NOTES:**
1. LEGAL DESCRIPTION PD-102-102-11-10.
 2. ALL DIMENSIONS AND ELEVATIONS ARE IN FEET AND INCHES.
- INSTALLATION NOTES:**
1. REFER TO STANDARD CONNECTION SPECIFICATIONS FOR COMPLETE INSTALLATION SPECIFICATIONS.
 2. CHECK LOCATION OF HOLES/PERTURBSIONS IN ALL PIPES ACCORDING TO APPROVED CONNECTION SPECIFICATIONS. HOLES SHALL BE MADE TO BE AT LEAST 1/2\"/>

DRAWING NO.	REFERENCE DRAWINGS	TITLE
1816-08-CP-001		PLANT PLAN AND LAYOUT (2ND EDITION)

REV.	DATE	DESCRIPTION
01	2009-09-11	ISSUED FOR CONSTRUCTION

NO.	DATE	DESCRIPTION
01	2009-09-11	ISSUED FOR CONSTRUCTION

APPROVAL

DESIGNER: [Signature]

CHECKED: [Signature]

PROJECT MANAGER: [Signature]

DATE: 12/2/10

TransCanada

SEWERAGE PUMP STATION

PROPOSED CP SYSTEM SEWERAGE PUMP STATION DONIPHAN COUNTY, KANSAS

1816-08-CP-001

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Complete Date
12-20-10

Kansas Geological Survey - Wichita Well Sample Library
4150 W Monroe Street
Wichita Kansas 67209

REQUEST TO PRESERVE FORMATION SAMPLES OR DRILL CUTTINGS FORM
Kansas Administrative Regulation 82-3-107(c)

(To process your request, the form must be complete and submitted with the well samples)

OPERATOR

Name **Charles Bucy** Operator **TRANSCANADA KEYSTONE PIPELINE**
Address **2329 S 22D ST** Telephone _____
City **ST JOSEPH** State **MO** Zip Code **64503**

SAMPLES

I am submitting the following well samples to the Sample Library because (check only one):

- (a) KGS requested the samples for the Sample Library
- (b) The operator wants the samples preserved and placed in the Sample Library
- (c) I authorize KGS to determine the geologic significance and disposition of the samples

Well Name and Number **TRANSCANADA SEVERENCE PUMP STATION 1**

Spot Location **SE SE SE NE** Section-Township-Range **11 4 21 E**
County **Doniphan** State **KANSAS** API No. **1504320051**
Sample Condition: check all that apply Washed Bagged Labeled Wet Dry

CONFIDENTIALITY

(Samples can not be held in confidential custody, if this section is either blank, illegible, or not completed)

I want the samples placed in confidential custody: YES NO (if YES, complete the following)
A written confidentiality request WAS WILL BE filed with the Kansas Corporation Commission

DUPLICATE SAMPLES

I want a duplicate set of samples preserved. YES NO (if YES, complete the following)
Make _____ set of samples. Duplicate sample interval: All samples From _____ to _____
Send invoice and duplicate samples to: Operator Other, (complete the following)
Name _____ Company _____
Address _____ Telephone _____
City _____ State _____ Zip Code _____

REQUEST SUBMITTED BY:

Name (please print) **GARY MIKISH** Date **1 / 17 / 11**
Telephone **(918) 215-1114** Email **GMIKISH@CORRPRO.COM**

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WELL LOG

WILLIAMS DRILLING CO. - Belvidere, Nebraska

DRILLER Ray Kendall

DATE 12-17-10

Start	Stop	Formation
0	10'	Brown clay & sand
10'	20'	Brown clay & sand
20'	30	Brown clay & sand
30	40	Sand & clay
40	50	Sand & clay
50	60	Black, white, gray rock
60	70	Black, white, gray, rock
70	80	Black, white, gray, rock
80	90	Black, white, gray, rock
90	100	Black, white, gray, rock
100	110	Black, white, gray, rock
110	120	Green shell
120	130	Green rock & clay
130	140	Green, gray, rock
140	150	Green, gray, rock Granit Limestone
150	160	Green, gray, rock Granit
160	170	Green, gray, rock Granit
170	180	Green, gray, rock Granit
180	190	Green, gray, rock Granit
190	200	
200	210	
210	220	
220	230	
230	240	
240	250	
250	260	
260	270	
270	280	
280	290	
290	300	
300	310	
310	320	
320	330	

330 350 Lime Stone

Name: Williams Drilling
 Address: PO Box 327
 City: Belvidere, NE 68315

GPS Location:
 Latitude N 39° 43 102
 Longitude W 095° 08 129

Type of Well: Cathodic

Amount of Casing: 60' Plain

Screen Size _____ Screen _____

Static Water Level _____

Pumping Water Level _____
SE-SE-SE-NE

Sec. 11 Twp. 4 R. 21E Q. _____

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