

FOR KCC USE:

FORM CB-1 12/93

FORM MUST BE TYPED

FORM MUST BE SIGNED

ALL BLANKS MUST BE FILLED IN

EFFECTIVE DATE: 2-3-08

State of Kansas

DISTRICT # 1

CATHODIC PROTECTION BOREHOLE INTENT

SGA? Yes No

Must be approved by the K.C.C. sixty (60) days prior to commencing well.

03/09/08

Expected Spud (Starting) Date

Spot (Location) Q/Q/Q East
SE NE NE Sec 23 Twp 20 S Rg 43 X West
1045 feet from South / North line of Section
130 feet from East / West line of Section
(Circle directions from nearest outside corner boundaries)

OPERATOR: License # 7117

IS SECTION XX REGULAR IRREGULAR?
(Spot well on the Section Plat on Reverse Side)
County: Greeley

Name: Colorado Interstate Gas Company

Address: P.O. Box 1087

City/State/Zip: Colorado Springs, CO 80903

Contact Person: Ronald D. Schafer, Jr.

Phone: 719-520-4559

Lease Name: CPS Well #: C-4331-2

Facility Name: 2A-20" P/L

Ground Surface Elevation: est. 3870' topo MSL.

Cathodic Borehole Total Depth 300' ft.

Depth to Bedrock 100' ft.

WATER INFORMATION:

Aquifer Penetration: None X Single Multiple

Depth to bottom of fresh water: 100'

Depth to bottom of usable water: 1400'

Water well within one-quarter mile: yes X no

Public water supply well within one mile: yes X no

Water Source for Drilling Operations:

well farm pond N/A stream X other

Water Well Location:

DWR Permit #: N/A

Standard Dimension Ratio (SDR) is = 23.66

(cathodic surface OD csg. in inches / MWT in inches = SDR)

$6.625 / .280 = 23.66$

Annular space between borehole and casing will be grouted

with: X Concrete Bentonite Cement

X Neat cement Bentonite clay

Anode vent pipe will be set at: 10' ft. above surface

Anode conductor (backfill) material TYPE: Coke Breeze

Depth to BASE of Backfill installation material: 300'

Depth to TOP of Backfill installation material: 160'

CONSTRUCTION FEATURES

Length of Cathodic Surface (Non-Metallic) Casing

Planned to be set: 20' of 6" Sch. 40 PVC ft.

Length of Conductor pipe (if any?): N/A ft.

Size of the borehole (I.D.): 12" inches

Cathodic surface casing size: 6" inches

Cathodic surface casing centralizers set at depths of: **;

**Every 40' if applicable

Cathodic surface casing will terminate at:

X Above surface Surface Vault Below Surface Vault

Pitless casing adaptor will be used: Yes No at Depth ft.

Anode installation depths are: 290 ; 280 ; 270 ; 260 ;

250 ; 240 ; 230 ; 220 ; 210 ; 200 ; 190 ; 180 ; 170

(13 anodes total)

AFFIDAVIT

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, et. seq. It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office prior to spudding of and again before plugging well;
2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
3. The minimum amount of cathodic surface casing as specified below shall be set by grouting to the top.
4. An agreement between the operator and the district office on plugs and placement is necessary prior to plugging;
5. The appropriate district office will be notified before well is either plugged or casing is grouted in;
6. IN ALL CASES, NOTIFY DISTRICT OFFICE PRIOR TO ANY CEMENTING.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: 01/09/08 Signature of Operator or Agent: [Signature] Title: Operations Manager

FOR KCC USE:
API # 15- 071-20864-0000
Conductor pipe required None feet
Minimum cathodic surface casing required 20 feet AK-3
Approved by: [Signature]
This authorization expires: 1-29-09
(This authorization void if drilling not started within
12 months of effective date.)
Spud date: _____ Agent: _____

REMEMBER TO:

- File Drill Pit Application (form CDP-1) with Intent to Install;
- File Completion Form CB-2 within 30 days of spud date;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CB-4) within 30 days after plugging is completed.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202-1286.

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JAN 22 2008

CONSERVATION DIVISION
WICHITA, KS

M2035

23-20-43W

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Show the relationship to other wells or facilities proposed to be serviced by the intended cathodic borehole. Please show all the wells, existing cathodic boreholes, pipelines or facilities within 1/2 mile of the proposed borehole.

API NO. 15- 071-20864-0000
 OPERATOR Colorado Interstate Gas Co.
 LEASE CPS
 WELL NUMBER C-4331-2
 FACILITY NAME 2A-20" P/L

LOCATION OF WELL: COUNTY Greeley
1045' feet from south/north line of section
130 feet from east/west line of section
 SECTION 23 TWP 20 S RG 43 W

SPOT: QTR/QTR/QTR/QTR OF ACREAGE
SE NE NE - - -

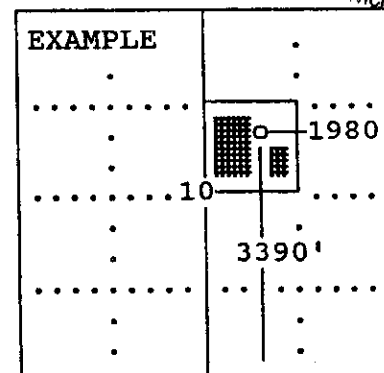
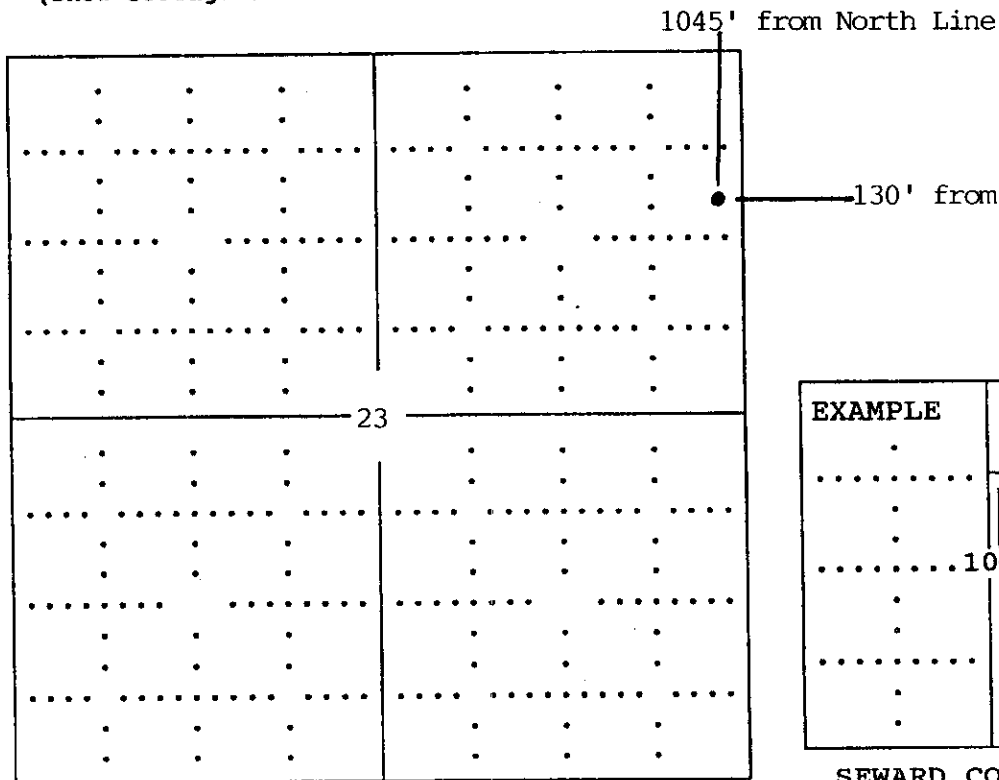
IS SECTION XX REGULAR or IRREGULAR
IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST
CORNER BOUNDARY.

Section corner used: X NE NW SE SW

PLAT

(Show location of intended cathodic borehole.)

(Show footage from nearest lease, unit or outside section boundary line.)



SEWARD CO.

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 CONSERVATION DIVISION
 WICHITA, KS

In plotting the proposed location of the well, you must show:

- 1) The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.;
- 2) the distance of the proposed drilling location from the section's south/north and east/west; and
- 3) the distance to the nearest lease, unit or outside section boundary line.

**KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
APPLICATION FOR SURFACE PIT**

Form CDP-1
April 2004
Form must be Typed

Submit in Duplicate

Operator Name: <u>Colorado Interstate Gas Co.</u>		License Number: <u>7117</u>
Operator Address: <u>P. O. Box 1087 Colorado Springs, CO 80903</u>		
Contact Person: <u>Ronald D. Schafer, Jr.</u>		Phone Number: <u>(719) 520-4559</u>
Lease Name & Well No.: <u>CPS Well # 4331-2</u>		Pit Location (QQQQ): <u>SE NE NE</u> Sec. <u>23</u> Twp. <u>20</u> R. <u>43</u> ☐ East ☒ West <u>1045</u> Feet from ☒ North / ☐ South Line of Section <u>130</u> Feet from ☒ East / ☐ West Line of Section <u>Greeley</u> County
Type of Pit: ☐ Emergency Pit ☐ Burn Pit ☐ Settling Pit ☒ Drilling Pit ☐ Workover Pit ☐ Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit is: ☒ Proposed ☐ Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? ☐ Yes ☒ No		Chloride concentration: <u>N/A</u> mg/l (For Emergency Pits and Settling Pits only)
Is the bottom below ground level? ☒ Yes ☐ No	Artificial Liner? ☐ Yes ☒ No	How is the pit lined if a plastic liner is not used? <u>N/A</u>
Pit dimensions (all but working pits): <u>15'</u> Length (feet) <u>8'</u> Width (feet) <u>N/A: Steel Pits</u> Depth from ground level to deepest point: <u>6 - 8'</u> (feet)		
If the pit is lined give a brief description of the liner material, thickness and installation procedure. <u>N/A</u>		Describe procedures for periodic maintenance and determine liner integrity, including any special monitoring. <u>N/A</u>
Distance to nearest water well within one-mile of pit <u>Unknown</u> <u>N/A</u> feet Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. <u>Unknown</u> Source of information: _____ measured _____ well owner _____ electric log _____ KDWR
Emergency, Settling and Burn Pits ONLY: Producing Formation: <u>N/A</u> Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? ☐ Yes ☐ No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: <u>Water</u> Number of working pits to be utilized: <u>1</u> Abandonment procedure: <u>Evaporation & Backfill</u> Drill pits must be closed within 365 days of spud date.
I hereby certify that the above statements are true and correct to the best of my knowledge and belief. <u>01/09/08</u> Date <u>Mary L. Ives</u> Signature of Applicant or Agent <u>Mary L. Ives</u>		
KCC OFFICE USE ONLY		
Date Received: <u>1/22/08</u> Permit Number: _____ Permit Date: <u>1/22/08</u> Lease Inspection: ☐ Yes ☒ No		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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