

FOR KCC USE:

FORM CB-1 12/93

EFFECTIVE DATE: 2-3-08

FORM MUST BE TYPED

DISTRICT # 1

FORM MUST BE SIGNED

SGA? Yes No

State of Kansas
CATHODIC PROTECTION BOREHOLE INTENT

ALL BLANKS MUST BE FILLED IN

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

Expected Spud (Starting) Date 03/09/08
month day year

Spot (Location) q/q/q
SE SW SE 21. Sec 21. Twp 21. S, Rg 41. X East
24 feet from South / North line of Section
1455 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: Hamilton

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-1145-1

Facility Name: 2A-20" P/L

Ground Surface Elevation: est. 3651' topo MSL.

Cathodic Borehole Total Depth 300' ft.

Depth to Bedrock 160' ft.

WATER INFORMATION:

Aquifer Penetration: None X Single Multiple

Depth to bottom of fresh water: 160'

Depth to bottom of usable water: 1200'

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 stream X other

Water Well Location: N/A

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: Concrete Bentonite Cement

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- 075-208380000

Conductor pipe required None feet

Minimum cathodic surface casing required 20 feet Alt 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

21-21-41M

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- 075-20838-0000
 OPERATOR Colorado Interstate Gas Co.
 LEASE CPS
 WELL NUMBER C-1145-1
 FACILITY NAME 2A-20" P/L

LOCATION OF WELL: COUNTY Hamilton
94 feet from south/north line of section
1455 feet from east/west line of section
 SECTION 21 TWP 21S RG 41 W

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

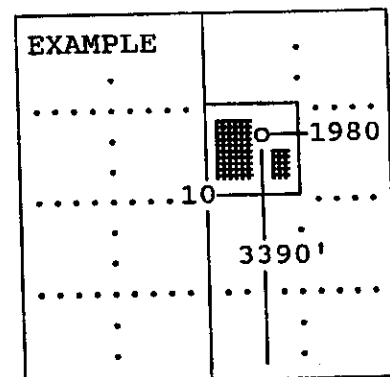
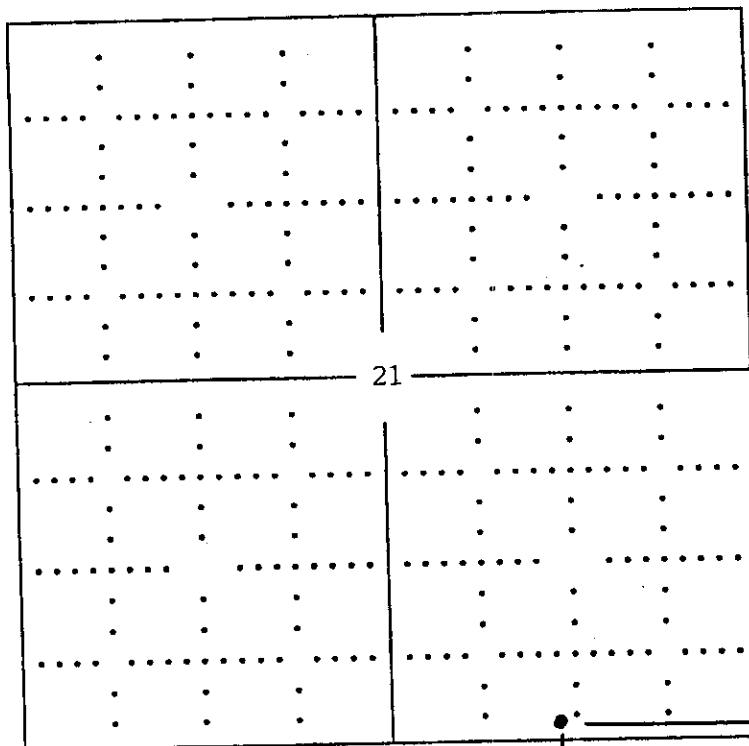
IS SECTION XX REGULAR or IRREGULAR
IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

Section corner used: NE NW X SE SW

PLAT

(Show location of intended cathodic borehole.)

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



SEWARD CO. 1455' from East Section Line

94' from South Section Line
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

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 WICHITA, KS

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**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</u>) <u>520-4559</u>
Lease Name & Well No.: <u>CPS Well # C-1145-1</u>		Pit Location (QQQQ): <u>SE</u> - <u>SW</u> - <u>SE</u> - Sec. <u>21</u> Twp. <u>21</u> R. <u>41</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>94</u> Feet from <input type="checkbox"/> North / <input checked="" type="checkbox"/> South Line of Section <u>1455</u> Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section <u>Hamilton</u> County
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input checked="" type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small>	Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chloride concentration: <u>N/A</u> mg/l <small>(For Emergency Pits and Settling Pits only)</small>
Is the bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Artificial Liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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</u> Steel Pits 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 determining liner integrity, including any special monitoring. <u>N/A</u>
Distance to nearest water well within one-mile of pit <u>Unknown</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? <input type="checkbox"/> Yes <input type="checkbox"/> 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> <u>Mary L. Ives</u> Date Signature of Applicant or Agent		

15-075-208-3800220

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JAN 22 2008
CONSERVATION DIVISION
WICHITA, KS

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Date Received: 1/22/08 Permit Number: _____ Permit Date: 1/22/08 Lease Inspection: ☐ Yes ☒ No

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

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