

EFFECTIVE DATE: 4-19-99

State of Kansas

DISTRICT # 1
SGA? Yes No

CATHODIC PROTECTION BOREHOLE INTENT DRAFT

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

Expected Spud (Starting) Date April 26, 1999
month day year

Spot (Location) Q/Q/Q
NW¹ SW¹ NW¹ Sec 16 Twp 3S Rg 38W XX East
1.690 feet from South / North line of Section
50 feet from East / West line of Section
(Circle directions from nearest outside corner boundaries)

OPERATOR: License # 9362

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

Name: Williams Gas Pipeline Central
Address: 1130 Country Club Drive
City/State/Zip: Colby, KS 67701
Contact Person: Mike Smith
Phone: (785) 462-4915

Lease Name: Rawlins/Heston Pipeline Well #: 1A

CONTRACTOR: License #: 09322

Facility Name: Rawlins/Heston Pipeline
Ground Surface Elevation: Est. 3500 MSL.
* Cathodic Borehole Total Depth 200 ft.
Depth to Bedrock Est. 300 ft.

Name: McLean, H.L. Drilling

WATER INFORMATION:
Aquifer Penetration: None Single Multiple
Depth to bottom of fresh water: EST. TOP OF OGALLALA ZONE
Depth to bottom of usable water:
Water well within one-quarter mile: yes no
Public water supply well within one mile: yes no
Water Source for Drilling Operations:
well farm pond stream XX other
Water Well Location:

Type Drilling Equipment: X Mud Rotary Cable
Other Air Rotary Other

CONSTRUCTION FEATURES Cathodic Protection

Length of Cathodic Surface (Non-Metallic) Casing
Planned to be set: 20 ft.
Length of Conductor pipe (if any?): ft.

Size of the borehole (I.D.): 17 1/2 inches
Cathodic surface casing size: 10 3/4 inches
Cathodic surface casing centralizers set at depths of: 1.0 ft.

DWR Permit #: 26
Standard Dimension Ratio (SDR) is = 26
(cathodic surface OD csg. in inches / MWT in inches = SDR)

Cathodic surface casing will terminate at:
XX Above surface XX Surface Vault XX Below Surface Vault

Annular space between borehole and casing will be grouted
with: XX Concrete XX Bentonite Cement
XX Neat cement XX Bentonite clay

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

Anode vent pipe will be set at: 3 ft. above surface

Anode installation depths are: 188'; 178'; 168'; 158'; 148'; 138'; 128'

Anode conductor (backfill) material TYPE: SC3

* MAX. CATHODIC BOREHOLE DEPTH = 200'

Depth to BASE of Backfill installation material: 200
Depth to TOP of Backfill installation material: 30

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: 4/12/99 Signature of Operator or Agent: [Signature] Title: Officer

FOR KCC USE:
 API # 15- 023-203580000
 Conductor pipe required NONE feet
 Minimum cathodic surface casing required 20 feet ALT 3
 Approved by: JK 4-14-99
 This authorization expires: 10-14-99
 (This authorization void if drilling not started within 6 months of effective date.)
 Spud date: _____ Agent: _____

RECEIVED
KANSAS CORPORATION COMMISSION

APR 14 1999

CONSERVATION DIVISION
WICHITA, KS

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.

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- _____
 OPERATOR Williams Gas Pipeline Central
 LEASE Rawlins/Heston Pipeline
 WELL NUMBER IA
 FACILITY NAME Rawlins/Heston Pipeline

LOCATION OF WELL: COUNTY Cheyenne
1,690' feet from south/north line of section
50' feet from east/west line of section
 SECTION 16 TWP 3S RG 38W

SPOT: QTR/QTR/QTR/QTR OF ACREAGE
 - NW¹/₄ - SW¹/₄ - NW¹/₄

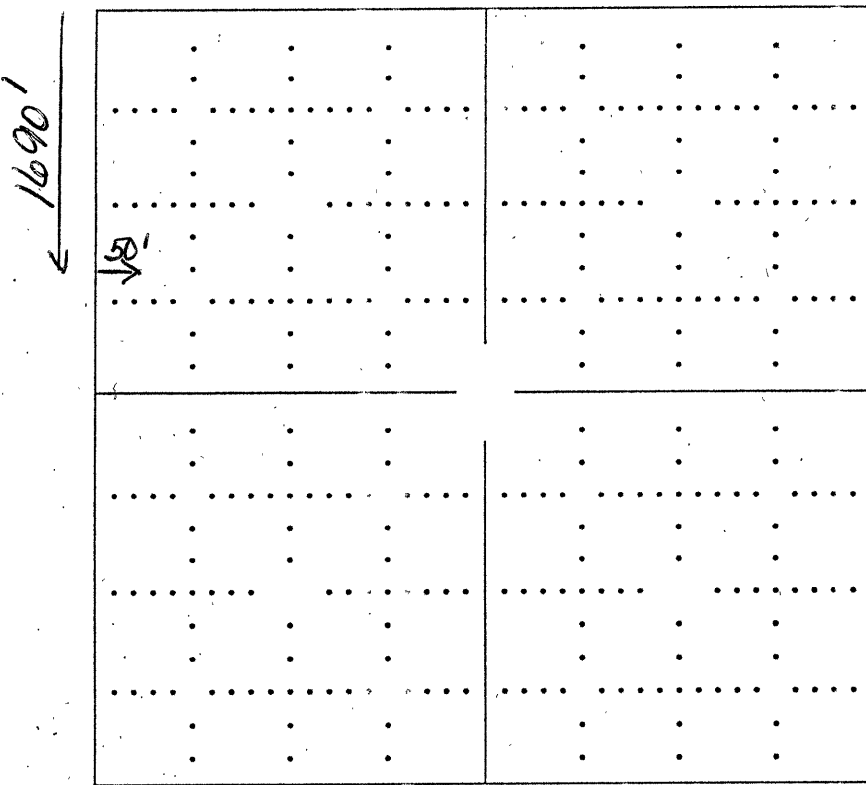
IS SECTION X REGULAR or _____ IRREGULAR
IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

Section corner used: _____ NE _____ NW _____ SE _____ SW

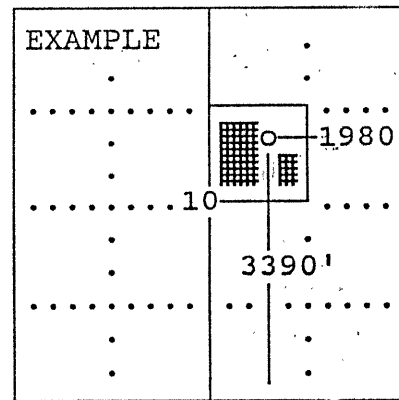
PLAT

(Show location of intended cathodic borehole.)

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



Section 16



SEWARD CO.

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.