

FOR KCC USE:

FORM MUST BE TYPED

FORM MUST BE SIGNED

ALL BLANKS MUST BE FILLED IN

EFFECTIVE DATE: _____

State of Kansas

DISTRICT # 4
SGA? Yes No

CATHODIC PROTECTION BOREHOLE INTENT

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

Expected Spud (Starting) Date 10 05 01
month day year

Spot (Location) Q/Q/Q
SW NW SW Sec 22 Twp 3 S, Rg 40 West
1712 feet from South / ~~XXXX~~ line of Section
70 feet from ~~XXX~~ West line of Section
(Circle directions from nearest outside corner boundaries)

OPERATOR: License # 31089

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

Name: Midwest Energy Inc

Address: 1330 Canterbury Rd

City/State/Zip: Hays, Ks. 67601

Lease Name: CP Well #: 1

Contact Person: De Sultzer

Phone: 785-625-1437

Facility Name: CP#1

Ground Surface Elevation: 3,320 MSL

Cathodic Borehole Total Depth: 200 ft.

Depth to Bedrock: N/A ft.

CONTRACTOR: License #: 31710

Name: Triangle, C. P. Company

Type Drilling Equipment: Mud Rotary Cable
 Air Rotary Other

WATER INFORMATION:

Aquifer Penetration: None Single Multiple

Depth to bottom of fresh water: TOP OF FRESH WATER AT

Depth to bottom of usable water: 113'

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 other

Water Well Location: _____

DWR Permit #: _____

Standard Dimension Ratio (SDR) is = .8" SDR = 26

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

CONSTRUCTION FEATURES

Length of Cathodic Surface (Non-Metallic) Casing

Planned to be set: 60 ft.

Length of Conductor pipe (if any?): 0 ft.

Size of the borehole (I.D.): 14 inches

Cathodic surface casing size: 8 inches

Cathodic surface casing centralizers set at depths of: 20;

35; 50; _____

Cathodic surface casing will terminate at:

Above surface Surface Vault Below Surface Vault

Pitless casing adaptor will be used: Yes/No at Depth 2 ft.

Anode installation depths are: 80; 90; 100; 110;

120; 130; 140; 150; 160; 170; 180; 190; _____

Annular space between borehole and casing will be grouted

with: Concrete Bentonite Cement

Neat cement Bentonite clay

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

Anode conductor (backfill) material TYPE: LOFESCO DW-1

Depth to BASE of Backfill installation material: 60

Depth to TOP of Backfill installation material: 200

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: 08-02-01 Signature of Operator or Agent: [Signature] Title: CORROSION TECH.

FOR KCC USE:
 API # 15- 023-20431-0000
 Conductor pipe required NONE feet
 Minimum cathodic surface casing required 60 feet ALT 3
 Approved by: JK 8-31-2001
 This authorization expires: 2-28-2002
 (This authorization void if drilling not started within 6 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.

* MAX. CATHODIC WELL BORE DEPTH = 200'
APR 25 2001
08-03-01

RECEIVED
JUL 25 2001
7-25-01
CONSTRUCTION DIVISION

22
3
40W

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 Midwest Energy Inc.
 LEASE N/A
 WELL NUMBER N/A
 FACILITY NAME CP #1

LOCATION OF WELL: COUNTY Cheyenne
1712 feet from south/~~XXXXX~~ line of section
70 feet from ~~east~~/west line of section
 SECTION 22 TWP 3S RG 40W

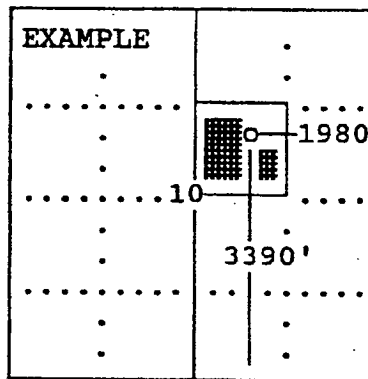
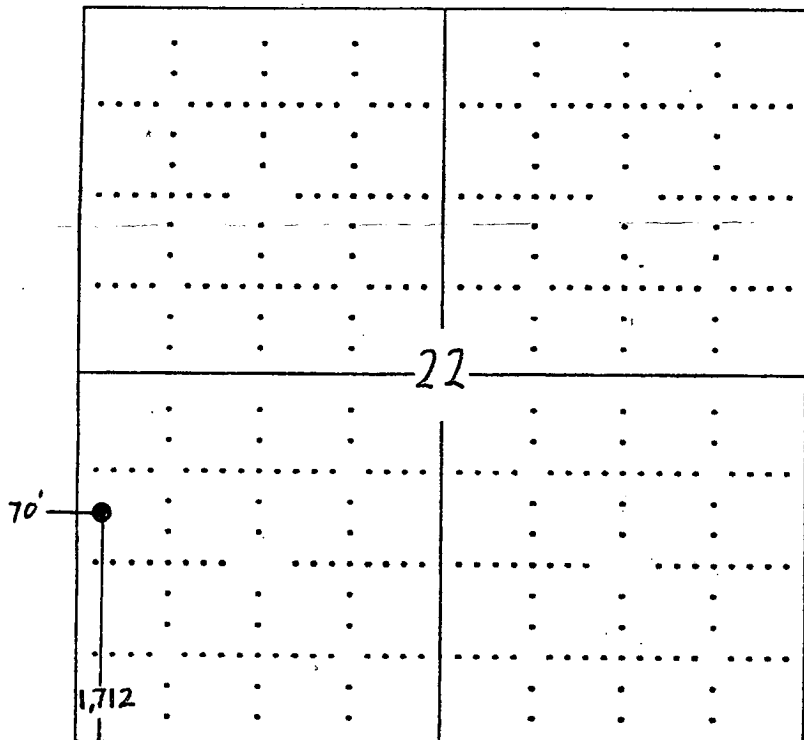
SPOT: QTR/QTR/QTR/QTR OF ACREAGE
SW - NW - SW - 22

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.)



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.

FOR THE COUNTY OF CHEYENNE
 RECORDS AND CLERK

JUL 25 2011

COURTESY OF THE