

FOR KCC USE:

FORM CB-1 12/93

FORM MUST BE TYPED

FORM MUST BE SIGNED

ALL BLANKS MUST BE FILLED IN

EFFECTIVE DATE: 8-2-95

State of Kansas

DISTRICT # 4

CATHODIC PROTECTION BOREHOLE INTENT DRAFT

SGA? Yes No

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

Expected Spud (Starting) Date 7 24 95
month day year

Spot (Location) 9/0/0 East
SW NW NE Sec 19 Twp 4 S, Rg 26 X West
..... 7.68 feet from South (North) line of Section
..... 2674 feet from East / (West) line of Section
(Circle directions from nearest outside corner boundaries)

OPERATOR: License # 5952

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

Name: Amoco Pipeline Company

Address: P.O. Box 246

City/State/Zip: Watkins, CO 80137

Contact Person: Bob Gilmister

Lease Name: APL #0065 Well #: 3

Phone: (303) 261-0453

Facility Name: Ft. Laramie-Freeman 22"
Ground Surface Elevation: 2473 MSL
Cathodic Borehole Total Depth: 250 ft.
Depth to Bedrock: _____ ft.

CONTRACTOR: License #: Will advise on ACQ-1

Name: _____

WATER INFORMATION:

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

Aquifer Penetration: _____ None X Single _____ Multiple

Depth to bottom of fresh water: 80

Depth to bottom of usable water: 80

Water well within one-quarter mile: X yes _____ no

Public water supply well within one mile: _____ yes X no

Water Source for Drilling Operations:

_____ well _____ farm pond _____ stream _____ other

Water Well Location: _____

DWR Permit #: _____

Standard Dimension Ratio (SDR) is = SCH 40 PVC

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

Annular space between borehole and casing will be grouted

with: _____ Concrete _____ Bentonite Cement

_____ Neat cement _____ X Bentonite clay

Anode vent pipe will be set at: .4 ft. above surface

Anode conductor (backfill) material TYPE: L.O.R.E.S.C.O. SC-2

Depth to BASE of Backfill installation material: 250 ft.

Depth to TOP of Backfill installation material: 90 ft.

CONSTRUCTION FEATURES

Length of Cathodic Surface (Non-Metallic) Casing,

Planned to be set: 100 ft.

Length of Conductor pipe (if any?): 1/2 ft.

Size of the borehole (I.D.): 7.7/8 inches ^{14"}

Cathodic surface casing size: 14 inches ^{7/8}

Cathodic surface casing centralizers set at depths of: 20;

.40; .60; .80; _____; _____; _____; _____; _____;

Cathodic surface casing will terminate at:

_____ Above surface _____ Surface Vault X Below Surface Vault

Pitless casing adaptor will be used: X (Yes) No at Depth 2 ft.

Anode installation depths are: 1.10; 1.20; 1.30; 1.40;

1.50; 1.60; 1.70; 1.80; 1.90; 2.00; 2.10; 2.20; 2.30;

2.40; 2.50

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: 6/6/95 Signature of Operator or Agent: [Signature] Title: Corrosion Specialist

FOR KCC USE:
 API # 15- 039-208920000
 Conductor pipe required NONE feet
 Minimum cathodic surface casing required 100 feet
 Approved by: JK 7-28-95
 * MAX WELL DEPTH = 250'
 This authorization expires: 1-28-96
 (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: Conservation Division, 200 Colorado Derby Building, 202 W. First St., Wichita, Kansas 67202-1286.

RECEIVED
STATE CORPORATION COMMISSION

JUN 13 1995

CONSERVATION DIVISION
WICHITA KANSAS

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2600

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 _____
 LEASE _____
 WELL NUMBER _____
 FACILITY NAME _____

LOCATION OF WELL: COUNTY Decatur
768 feet from south/north line of section
2674 feet from east/west line of section
 SECTION 19 TWP 4S RG 26W

SPOT: QTR/QTR/QTR/QTR OF ACREAGE
 _____ - _____ - _____ - _____

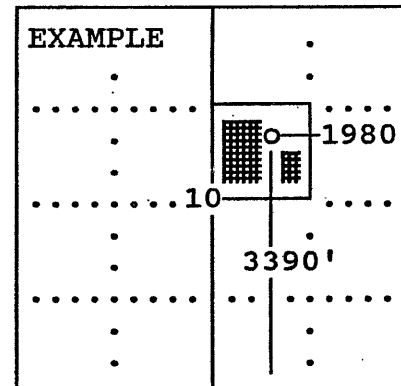
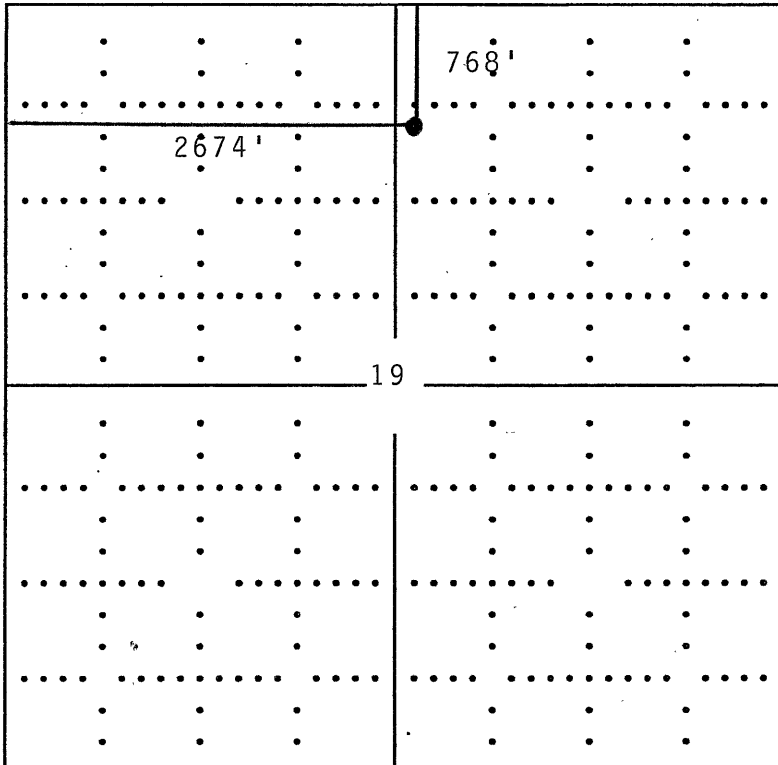
IS SECTION X REGULAR or _____ IRREGULAR
IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

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.