

FOR KCC USE:

15-111-20405-00-00

FORM CB-1 12/93
FORM MUST BE TYPED
FORM MUST BE SIGNED

EFFECTIVE DATE: 5-20-2000

State of Kansas

ALL BLANKS MUST BE FILLED IN

DISTRICT # 3

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 17 2000
month day year

Spot (Location) a/a
E/2 SE NE 20 Sec 24 Twp 20S S, Rg 11 East
2080 feet from North line of Section
80 feet from East line of Section

OPERATOR: License # 32578

(Circle directions from nearest outside corner boundaries)
IS SECTION X REGULAR IRREGULAR?
(Spot well on the Section Plat on Reverse Side)
County: LYON

Name: Panhandle Eastern Pipe Line Co.
Address: 29115 Metcalf Rd.
City/State/Zip: Louisburg, KS 66053

Contact Person: Michael C. Smith
Phone: 913-837-4862

Lease Name: OLPE Well #: 3.21A
Facility Name: Olpe 3.21A

CONTRACTOR: License #: 32437

Ground Surface Elevation: MSL.
*Cathodic Borehole Total Depth 400 ft.
Depth to Bedrock NA ft.

Name: The Loftis Company

Type Drilling Equipment: X Mud Rotary Cable
Air Rotary Other

WATER INFORMATION:

Aquifer Penetration: None Single Multiple
Depth to bottom of fresh water: 40
Depth to bottom of usable water: NA
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 other

CONSTRUCTION FEATURES
Length of Cathodic Surface (Non-Metallic) Casing
Planned to be set: 60 ft.
Length of Conductor pipe (if any?): 0 ft.

DWR Permit #: SCH 40
Standard Dimension Ratio (SDR) is = 40
(cathodic surface OD csg. in inches / MWT in inches = SDR)

Size of the borehole (I.D.): 17 inches
Cathodic surface casing size: 10 inches **
Cathodic surface casing centralizers set at depths of: NA

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

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

Anode vent pipe will be set at: 6 ft. above surface
Loresco

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

Anode conductor (backfill) material TYPE: SC-3

Anode installation depths are: 390 ; 375 ; 360 ; 345 ;
330 ; 315 ; 300 ; 285 ; 270 ;

Depth to BASE of Backfill installation material: 400'
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: 2/17/00 Signature of Operator or Agent: Michael C. Smith Title: Technician PEPL

FOR KCC USE:
API # 15- 111-20405-0000
Conductor pipe required NONE feet
Minimum cathodic surface casing required 60 feet ALT 3
Approved by: JK 5-25-2000
This authorization expires: 11-25-2000
(This authorization void if drilling not started within 6 months of effective date.)
Spud date: Agent:

* CATHODIC BOREHOLE
TOTAL DEPTH = 400'
** THE DIAMETER OF THE
BOREHOLE SHALL BE AT
LEAST 6 INCHES LARGER
THAN DIAMETER OF
THE SURFACE CASING.

RECEIVED
STATE CORPORATION COMMISSION

FEB 22 2000

CONSERVATION DIVISION
Wichita, Kansas

24
20
110

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 Panhandle Eastern Pipe Line Co.
 LEASE _____
 WELL NUMBER _____
 FACILITY NAME Olpe 3.21A

LOCATION OF WELL: COUNTY Lyon
2080 feet from north line of section
80 feet from east line of section
 SECTION 24 TWP 20S RG 11E

SPOT: QTR/QTR/QTR/QTR OF ACREAGE

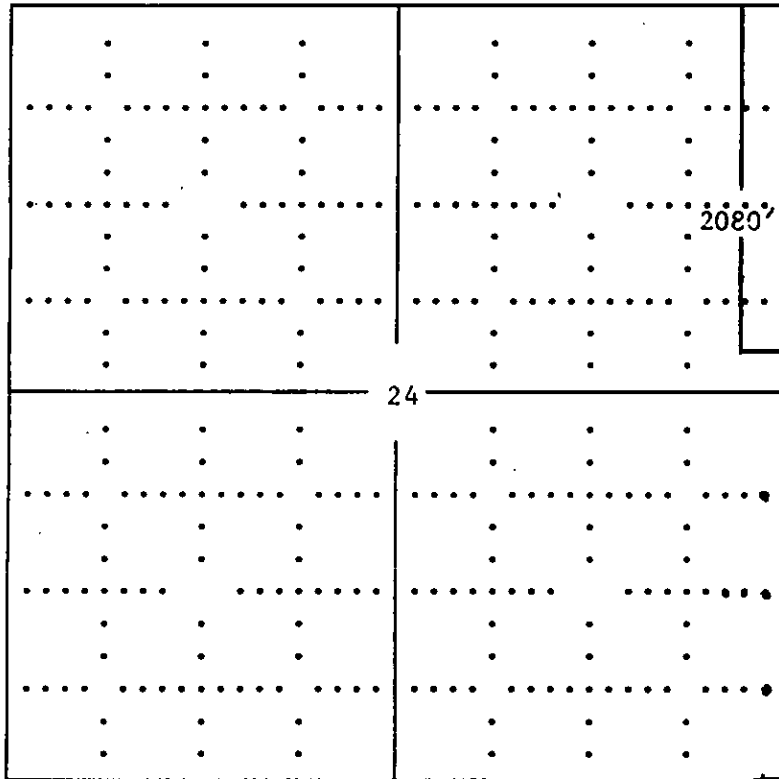
IS SECTION X REGULAR or _____ IRREGULAR
IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

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

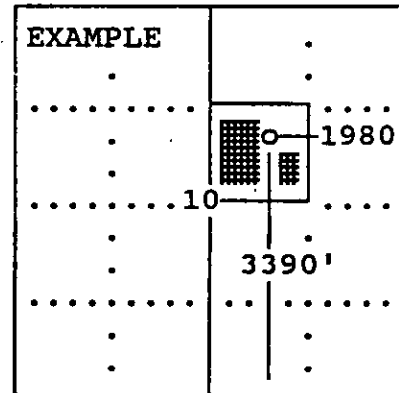
PLAT

(Show location of intended cathodic borehole.)

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



Lyon Co. KS



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.

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