

851.4 CORROSION RECORD

Each division keeps records on corrosion of pipelines found during leakage repairs, special investigations, and in the course of construction and reconstruction. The form of these records conforms to each division's particular pipeline history record keeping plan. In general, maintenance and repair work job numbers are recorded on pipeline plat sheets. The use of strip maps, reduced size wall maps or other forms of indexing and graphical display are also employed.

Cathodic protection is the method universally used to prevent deterioration of existing pipelines. Form 62-4806 is the standard monthly cathodic inspection sheet. Most divisions have in addition a form for recording periodic pipe to soil potential data. A typical example is attached, titled "Electrolysis Survey". Inspection in the smaller divisions is made by Department of Engineering Research and the data is recorded in a formal report.

CATHODIC PROTECTION STATION MONTHLY INSPECTION SHEET

CALENDAR YEAR OF 19_____

C.P.S. No. _____

Rectifier Serial No. _____ Location _____

Instructions:

1. Log meter readings monthly. The interval of reading is to be as close to one month as feasible.
2. This sheet is to remain in the rectifier cabinet during the year. At the end of the calendar year the completed sheet is to be turned in to the Division Gas Superintendent's office.
3. Any unusual change in meter readings or observed need for maintenance or repair is to be reported to the District Gas Superintendent. The Department of Engineering Research is to be notified of any trouble which cannot be corrected.

| Date Meters Read | KWhr Reading | Diff. | D. C. Meters | | | Read By (Sign Full Name) | Remarks |
|------------------|--------------|-------|--------------|--------------|---|--------------------------|--|
| | | | Volts | Amperes A | B | | |
| Dec. 19____ | | | | | | | December reading on Page of <u>Previous Year</u> |
| Jan. | | | | | | | |
| Feb. | | | | | | | |
| March | | | | | | | |
| April | | | | | | | |
| May | | | | | | | |
| June | | | | | | | |
| July | | | | | | | |
| Aug. | | | | | | | |
| Sept. | | | | | | | |
| Oct. | | | | | | | |
| Nov. | | | | | | | |
| Dec. | | | | | | | |
| Jan. | | | | | | | |