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THREE FLOWERS TINT COMPACT
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POWDER IN FIVE TIMES
QUANTITY OF ROUGE
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or Dressing Table
Refillers may be obtained

THE HOLTHOUSE DRUG CO.

OIL BOOM DAYS
IN MEXICO ARE
OVER, PRODUCERS SAY
Tampico, Mexico—Oil boom days in Mexico are over, in the opinion of American oil men here, as a result of finding emulsion and water in the Teco-Cerro Azul pool.

Oil industry in Mexico has entered the period of stabilization, American oil men say.

The time has come when the same group of capitalists controlling several subsidiary concerns will quit duplicating plants and develop on a cooperative plan." A resident manager of one of the largest organizations told me.

The prospective oil production in Mexico is absolutely unknown, but there is every indication from a geological point of view that it will still maintain its lead as one of the greatest oil producing countries of the world.

"Future production of oil in Mexico will not in all probability be of a spectacular kind."

Oil men here pointed out, however, that there is no reason why the development in the Mid-Continent field in the United States, because practically the same organizations are working both fields.

Tampico, as a result of the new developments in this field, has reached the end of its "mushroom" growth in the opinion of the Americans here. From this time on, it is expected that this city and district will develop along more comparative lines, with agriculture being an important factor.

This development along agricultural lines will also affect the Americans in this district, because of the fact that probably as high as thirty percent of the land holders between this city and Monterey along the railroad lines are Americans.

The finding of emulsion and water in the Teco-Cerro Azul pool will probably mean a decrease of approximately 10000000 barrels in the monthly production of light crude beginning about September 1, oil men estimate. It also means, it is said, a decrease of approximately fifty per cent in the oil taxes receipts by the Mexican government.

RADIO

MORE ABOUT VACUUM TUBE AS A DETECTOR

How a "Three-Electrode" Is Connected in a Simple Radio Receiving Circuit.

Obviously working the tube at a point on the upper bend of knee of the characteristic curve would produce the same symmetrical changes in the plate circuit as symmetrical changes in the grid potential as it will if the tube is worked at the lower end of

the required temperature by the battery "A."

The incoming radio frequency alternating current is applied to the grid and the negative side of the filament through the "C" battery.

By connecting the negative side of the filament to the midpoint of the "C" battery a positive potential can be applied to the grid by moving the slider on the "C" battery potentiometer up, or the grid can be made negative with respect to the filament by moving the slider on the "C" battery potentiometer down.

In practice a "C" battery is not used to force a three-electrode vacuum tube to function as a detector.

The tube is worked at the lower end of

plate circuit current and the tube would not function as a detector.

Fig. 10 shows how a three-electrode vacuum tube is connected in a simple radio receiving circuit. The "B" battery furnishing the necessary plate potential is connected with its positive side through the phones to the plate. The filament is heated to the required temperature by the battery "A." The incoming radio frequency alternating current is applied to the grid and the negative side of the filament through the "C" battery. By connecting the negative side of the filament to the midpoint of the "C" battery a positive potential can be applied to the grid by moving the slider on the "C" battery potentiometer up, or the grid can be made negative with respect to the filament by moving the slider on the "C" battery potentiometer down.

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