

### WHAT STRUCTURE IS NECESSARY FOR THE FINDING OF OIL

Geology is the physical history of the earth as recorded in its structure and the stratified rocks are the leaves on which its history is written.

The geologist finds that each previous condition of the earth left its record indelibly on its structure. In forming an opinion as to oil and gas existing in any area or territory, numerous conditions must be taken into consideration.

For instance, there must have been sufficient organic matter deposited in the lower strata to afford the basis for oil production, coupled with the necessary chemical action. The strata of oil-bearing formation must be so constituted that the oil or gas has been retained in it. To retain the oil or gas the lower strata or oil-bearing formation must have remained closely sealed, by an impervious cover, for the ages in which they were formed.

It is generally accepted that the animal and vegetable matter buried in the rocks have slowly changed to oil and gas by the effect of low temperatures and high pressures acting through very long periods of time. The theory is that oil is of organic rather than inorganic origin. Oil is found only in stratified sedimentary organic rocks.

As oil is formed it gravitates to a reservoir where it accumulates in quantities which geologists can point to by the application of their scientific training and experience.

These reservoirs in which the oil accumulates are generally found beneath what is known as an anticline. These anticlines are formed by an uplift of the underground structure and a tilt of the underground strata. These are lifted high enough to form a dome underneath which, in the depths of the earth, there is a hollow. Oil being lighter than the water at these depths, rises in the hollow and accumulates.

Therefore, the geological engineer will recommend drilling at the top of the rise indicated on the surface and known as the anticline. The system would be a depression or valley, and left by the tilt of the anticline—Trizonia Oil Co.

### KOREAN REBELLION BREAKS OUT AGAIN

SEOUL, Korea, Dec. 31.—Several independence manifestations by Koreans occurred last night in Seoul, many arrests being made. It is rumored that a new declaration of independence has been signed by prominent Koreans.

All the officers of the recently formed "women's patriotic league" have been taken into custody by the authorities.

It is alleged that a large number of Korean women, members of this league, have been engaged in a political intrigue against the Japanese administration.

### GIRLS! DRAW A MOIST CLOTH THROUGH HAIR

Let "Danderine" save your hair and double its beauty



Oh, girls, such an abundance of thick, heavy, invigorated hair, a perfect mass of wavy, silky hair, gloriously fluffy, bright and so easy to manage.

Just moisten a cloth with a little "Danderine" and carefully draw it through your hair, taking one small strand at a time; this magically removes all dirt, excess oil and grease, but your hair is not left brittle, dry, stringy or faded, but charmingly soft, with glories, golden gleams and tender lights. The youthful tints and color are again in your hair.

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### EUGENE PROFESSOR TO TEACH PHILIPPINOS

UNIVERSITY OF OREGON, Eugene, Jan. 2.—Dr. Warren D. Smith, head of the department of geology, has just accepted an offer of his old position as chief of a division of mines in the Philippine Islands and will leave the university on a year's leave of absence at the end of the present college year, in June. He received the offer of a permanent appointment, but this far has not agreed to remain longer than one year.

When he left the Philippine post six years ago to come to the University of Oregon, Dr. Smith was receiving \$3000 a year. The offer he has just accepted places the salary at \$4000, with virtually all expenses paid. This is approximately \$1500 a year more than he is receiving here, and a failure of improvement in salary conditions here, he says, might result in his accepting the permanent appointment.

He Feels Like a New Man. Rheumatic pains, backache, pains in sides, sore muscles, stiff joints or an "always tired" feeling are usually symptoms of disordered kidneys. W. W. Wells, Toquig, Mich., writes: "I am on my feet most of the time and get tired. But after taking Foley Kidney Pills I feel like a new man. I recommend them to my customers and have never heard of any case where they did not give satisfaction." Prompt in action to relieve kidney troubles and bladder ailments. For sale by Medford Pharmacy.

### STATE AID FOR SERVICE MEN AT BUSINESS COLLEGE

Under the provisions of a law passed by the last legislature soldiers, sailors and marines who entered the military service of the United States from the state of Oregon may avail themselves of financial aid from the state in the various educational institutions of Oregon which are approved by the secretary of state.

This law provides not to exceed \$25 per month and not more than \$200 in any one year for a period of four years, and is intended to aid and encourage those returned soldiers who laid down their school and vocational training to take up arms in defense of their country. It recognizes the sacrifices made, the most liberal construction has been placed upon this act, known as the "Soldiers', Sailors' and Marines' Educational Financial Aid Law" chapter 428 laws of 1919, and every reasonable opportunity is afforded for returned soldiers to better fit themselves to meet the demands of the great reconstruction period now upon us.

The business training courses of the Medford Business College have been approved by the secretary of state, and applications from service men who desire to take in the reg-

lar work of any of the special courses are now being received. Special courses at this college include practical business, English, correspondence and penmanship, typewriting, operation of the Burroughs calculator and other machines, and dictaphone training.

**Dissolution of Partnership**  
Notice is hereby given that the Payne & Wiseman Co. have dissolved partnership. J. T. Payne retiring and J. T. Wiseman and P. W. Scheffel will continue the business under the name of Wiseman & Scheffel. All bills will be paid by them and they will collect all money due.  
Dated Dec. 18, 1919.  
J. T. PAYNE,  
J. T. WISEMAN,  
P. W. SCHEFFEL.

### PROHIBIS MAKE FIRST ADVANCE IN ITALY

ROME, Jan. 2.—Prohibitionists claimed their first notable achievement in Italy in the issuance of a decree by which the sale of liquor containing more than 20 per cent of alcohol will be permitted only between 8 o'clock in the morning and 3 o'clock in the afternoon on week days and until 4 o'clock p. m. on Saturdays. Sales must cease at noon on Sundays and are completely prohibited on holidays.

### REAL "INSIDE" INFORMATION

When Constipated, Bilious, Headachy, Take "Cascarets" for Liver and Bowels—No "Shake Up"

Are you keeping your bowels, liver, and stomach clean, pure, and fresh with Cascarets, or merely whipping them into action every few days with Salts, Cathartic Pills, Oil, or Purgative Waters? Stop having a bowel wash-day. Let Cascarets gently cleanse and regulate the stomach, remove the sour and fermenting food and foul gases, take the excess bile from the liver and carry out of the colon and bowels all the constipated waste matter and poisons so you can straighten up. Cascarets tonight will make you feel great by morning. They work while you sleep—never gripe, sicken, or cause any inconvenience, they cost so little too.

### A VITAL FACTOR SCOTT'S EMULSION

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