

## OIL MEN'S LANGUAGE IS NOT UNDERSTOOD OUTSIDE OF FIELDS

(By Associated Press)  
TULSA, Okla., July 2.—Oil men have a language all their own, as it were, for the oil industry, like others, has a number of more or less technical terms and phrases connected with it that are not generally understood outside the oil field districts.

For instance, "shooting a well" has an entirely different meaning from that applied in river navigation to the term "shooting the rapids." In the oil country the phrase means the lowering into the well of several dozen quarts of nitroglycerine and allowing it to explode in the bottom of the well in the oil sand.

Oil wells are drilled much like artesian water wells. A "rig" or tall pyramid framework, is erected over the spot where the well is to be drilled. At various stages during the sinking of the well it is cased in by steel pipe, the joints of which are screwed together, making a continuous pipe. This serves to keep out water and to keep the well from caving.

### Casing Size Reduced

As the well is bored deeper, the size of the casing is reduced in order to keep putting it down inside of that already in place. Two or three changes, or possibly four, are all that are usually made in reducing the size of the casing.

If no oil is found the well is termed a "dry hole." If gas is found, it is a "gasser." A producing well is named according to the number of barrels of oil it produces in 24 hours, as a 50-barrel or a 500-barrel well.

Oil as it comes from the ground is called "crude oil." It is carried to the refining plants in pipe lines, iron pipes ranging all the way from 3 to 10 or 12 inches in diameter, or in rail-way tank cars. There it goes through the refining process.

### Pay Royalties

Almost all oil men lease the land on which they drill, paying "royalties," from one-eighth to one-sixteenth of the value of the oil produced going to the owner of the land. A "location" is a piece of land on which a well is drilled. It varies from 300 to 500 feet square. Thus in a field that is closely drilled, each well will have wells on four sides of it between 300 and 500 feet away. These wells are known as "offsets."

A "tank farm" is a tract of land on which are located a number of large storage tanks for oil.

"Test wells" are the first wells drilled in a territory where oil has not been discovered. "Wild cat" wells are those drilled in territory where geologists have not found rock formations that indicate the presence of oil. A "pool" is an underground supply of oil, or oil sand saturated with oil.

The "Mid-Continent" field comprises the states of Oklahoma, Texas, Arkansas, Kansas, Louisiana, Missouri, Montana and New Mexico.

## The Home Garden

The common pests in Indiana that tend to destroy roses, bath flowers and leaves, are leaf eating insects, plant lice and scale. The following is recommended by Purdue University entomologist for their control:

The rose slug is readily controlled by arsenate of lead at the rate of one-half ounce of powder, or about eight level teaspoonsful (twice as much if paste form is used) to a gallon of water and if aphids are present add a teaspoonful of 40 per cent nicotine sulphate. If slugs only are present the arsenate of lead may be applied as a powder, either pure or mixed with equal parts of airslaked lime or dry flour as a carrier. If aphids and young leafhoppers only are present spray with a 40 per cent nicotine sulphate, one teaspoonful to a gallon of water in which is dissolved an ounce of soap. Applications should be thorough, a forcible misty spray applied, and care taken to reach the undersides of the leaves.

Scale insects when present occur on canes and give them a scurfy appearance. During the winter months the heavily infested branches should be cut and burned and the remaining canes thoroughly sprayed, just before the buds open in spring, with lime sulphur, one gallon of liquid concentrate to eight of water.

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## ANOTHER STAR TO SUMMER IN EUROPE



Miss Corinne Riely Barker, snapped on the ship's rail just before sailing.

Ferguson and many other well-known stars.

### Masonic Calendar

Monday, July 4.—Order of the Eastern Star will hold an all-day picnic at Jackson Park. Dancing in the evening.

Monday, July 4.—Richmond Commandery No. 8 K. T. Stated conclave.

Tuesday, July 5.—Richmond Lodge No. 196 F. & A. M. Stated meeting.

Thursday, July 7.—Wayne Council No. 10 R. & S. M. Stated assembly.

No work.

Friday, July 8.—King Solomon Chapter No. 4 R. A. M. Stated convocation.

Monday, July 4.—Loyal Chapter No. 49 O. E. S. will give an all-day picnic to the members and families at Jackson park. Monday, July 4. Dancing in the evening. Kindly bring well-filled baskets.

### Coal Mine Fatalities in Year Total 805

WASHINGTON, July 2.—Coal mine fatalities during the first five months of this year, totaled 805, a rate of 4.01 to each million tons of coal mined, according to reports received by the bureau of mines.

While the figures represented a decrease of 88 fatalities as compared with the corresponding period of last year, the rate was greater due to a falling off in coal production of forty-four million tons. During May, the reports state, 158 men were killed as compared with 153 in the same month last year.

### Cuticura Soap Will Help You Clear Your Skin

Soap, Ointment, Talcum, etc. everywhere. Samples free of Cuticura Laboratories, Dept. X, Malden, Mass.

### Avoid the Hot Weather SUNDAY and the FOURTH by taking a good, cool

## Swim

Competent life-savers; perfectly safe for women and children. Pool in perfect sanitary condition. All suits and towels are washed and sterilized after usage.

### Hawkins Bathing Beach

Located 300 yards north of Glen Miller Park, or take North 19th street road passing Penn. shops.

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## PALACE

SUNDAY

## NEAL HART

In the best Western Romance of the Season

## "Danger Valley"

Six acts of real action, laughs, tense situations and wonderful Western stage setting.

### Do You Like Bill Hart or Doug. Fairbanks?

In our estimation, Neal Hart in "DANGER VALLEY" is as good as any Western story either of these actors ever made.

### "A TERRIFIC FIGHT"

A Battle Between Cattle Rustlers and Cowboys

A Stirring Love Story.

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### "HIS WIFE'S CALLER"

A Roaring Sunshine Comedy

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Sterling Blend Coffee, 35c Lb.

Sterling Cash Grocery

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## ALABAMA VETERANS DISQUALIFIED VOTERS

(By Associated Press)

MOBILE, Ala., July 2.—Approximately twenty thousand ex-service men in Alabama, it was estimated today, are

disqualified from voting and rendered ineligible to hold positions under state, county and municipal government by a decision of the supreme court at Montgomery.

The court held yesterday that the voters of Alabama never legally ratified the constitutional amendment exempting soldiers and sailors of the world war from payment of poll tax

if they served four months or more. It is estimated that at least twenty thousand veterans failed to pay their poll tax in the belief that they were exempt under the constitution.

Scores of men appointed or elected to office throughout the state are believed in danger of being counted through this technicality.

### ORDER OF MOOSE CLOSES CONVENTION AT TOLEDO

TOLEDO, O., July 2.—The international convention of the Order of Moose which has been in session here all of this week, adjourned Friday. Installation of the supreme officers was postponed. It will take place at Mooseheart, Ill., Saturday.

Spend the Fourth in Richmond. Great Amusements. Band Concerts. Fun for Everybody. Everything Clean.

## American Legion's Gigantic Celebration

JULY 4<sup>TH</sup>

PRESENTING

## World at Home Shows

### A Million Dollar Investment

Bringing to Your Very Door the Most Varied and Wonderful Array of Meritorious, World-Famed Feature Attractions Ever Seen in Richmond

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## SUPREME VAUDEVILLE

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### STEED'S SYNCOPATING SEPTETTE

With Anna Mae Bell and Ralph Hertlein in "SPICY SYNCOPATIONS." Seven talented artists offering a pot pourri of song, dance, comedy and jazz of the jazziest character, combined in such a melodious and entertaining combination that rightfully acclaims them the greatest exponents of syncopation on the vaudeville stage.

### DON ZELAYA

The eminent concert pianist in "MUSIC AND PHILOSOPHY."

### JEWEL and RAYMOND

"JUST KIDS", singing, talking, dancing.

### THURSDAY AND LAST HALF

### PETE CURLEY and COMPANY

The popular comedian in "CHECK MATES," assisted by Betty Davidson and Joe Curley. A great laughing act.

### PLUNKETT and ROMAINE

"Two original Boston Beans in Comedy Songs"

### KATORO and YOSHI

"Sensational Equilibrist."

### NAIO and RIZZI

The violinist and the accordionist presenting "AN ACT WITH A KICK"

Thursday, Friday, Saturday and Sunday

### ALICE CALHOUN

"CLOSED DOORS"

5-Reel Vitagraph Feature

A charming star in a story of surprises and emotional scenes. A drama of life told in a soul-stirring manner and acted by a cast of well known screen players including Harry C. Browne and Bernard Randall. A veritable fashion show. The star is seen in an all-round role, playing the heroine at the ages of fourteen, eighteen and twenty-one.



Last Times Sunday

### WILLIAM RUSSELL

"COLORADO PLUCK"