

## 299,146 U. S. Wells Were "Strippers", Jan. 1, 1946

The National Stripper Well association and the Interstate Oil Compact commission have completed their fourth survey of stripper wells with data from 22 oil producing states for 1945. The survey for 1944 was presented at the winter quarterly meeting at Wichita, Kan., in December, 1945. As in previous surveys, a stripper well is defined as a well whose production expenses approximate income which permits an uneconomic deep well with substantial production to be classified as a stripper well. According to a summary by E. G. Dahlgren:

"With 421,447 producing oil wells in the nation as of Jan. 1, 1946, a total of 299,146 or 71 percent are classified as stripper wells. The 1945 total exceeded the 1944 total of 296,388 wells by 2,758 wells, but the increase of 8,582 producing oil wells reduced the percentage of stripper wells from 71.8 percent."

(Dealing with Montana alone, the report shows that as of Jan. 1, 1946, this state had 1,985 stripper wells, with an output of 2,659,709 barrels during 1945.)

"In 1945 these stripper wells produced 230,688,764 barrels of oil or 13.5 percent out of a total United States production of 1,710,971,000 barrels. The average daily production per well was 11.1 barrels for all oil wells and 2.1 barrels for the stripper wells."

"It is interesting to note that the stripper well acreage of 3,104,410 acres comprises about 46 percent of the nation's oil acreage of 6,719,891 acres. Producing oil wells abandoned in 1945 were 9,103, a decline of 297 from the 1944 total of 9,400 abandonments. One assumption for the decline in abandonments might be attributed to the federal compensation payments which enabled stripper wells to maintain operation."

"It is estimated that the 9,103 producing oil wells abandoned in 1945 left a total of 18,626,927 barrels of recoverable oil. The 1945 total exhibits a favorable trend from previous years when 34,000,000 barrels were left in 1944 and 44,000,000 in 1942."

"Item 8 in the summary shows interesting data about estimated additional reserves which may be recovered from stripper wells by secondary recovery methods with price increases of 25 cents, 50 cents and 75 cents per barrel."

"Following are the estimates for the United States:

"Increase of 25 cents per barrel, 335,169,050 barrels; increase of 50 cents per barrel, 1,255,666,241 barrels; increase of 75 cents per barrel, 1,825,277,669 barrels."

"It is generally conceded that there is at least 3 billions of oil reserves that can only be produced by secondary recovery methods. It is also recognized that present primary and secondary recovery meth-

ods produce not over 50 percent of our reserves. Additional price increases and more secondary recovery research are necessary to recover the major portion of these reserves."

## U. S. Oil, Gas Leases Issued

Notification has been received by T. F. Corbally, register of the Great Falls land office, of issuance of oil and gas leases to the following, with word that the leases have been delivered to resident counsel of the applicants:

Arthur H. Perkins of Wauconda, Wash., for 640 acres in Sec. 15, 18, 3, 6, 10, Twp. 30 N., Rge. 34 E.; Sec. 35, Twp. 31 N., Rge. 33 E.

Arthur H. Perkins, 560 acres in Sec. 26, 27, 35, 29, 28, Twp. 33 N., Rge. 34 E.

Mathew H. Casey of Wauconda, Wash., 957.41 acres in Sec. 8, 9, 17, 19, 31, Twp. 33 N., Rge. 31 E.; Sec. 5, Twp. 32 N., Rge. 31 E.

Mathew H. Case, 518.47 acres in Sec. 15, 29, 31, 34, 35, Twp. 31 N., Rge. 35 E.

Gertrude C. Verbeck of Dodson, Mont., 120 acres, Sec. 23, Twp. 33 N., Rge. 33 E.

Mary Christopherson of Forks, Mont., and Gebeville J. Hart of Shelby, Mont., 40 acres, Sec. 31, Twp. 33 N., Rge. 35 E.

## East Pondera Test Now 850

C. W. Stephens-Venez No. 1, projected eastward extension of the Pondera field, this week was reported making rig repairs at 850 feet. Objective is the Madison lime, and breaks in the Madison lime, all expected to be tested at about 1800 feet.

## Increase In Crude Oil Stocks Reported

Stocks of domestic and foreign crude petroleum at the close of the week ended Dec. 14, totaled 226,966,000 barrels, according to data reported to the Bureau of Mines, United States department of the interior. Compared with the total of 225,419,000 barrels for the preceding week, this represents an increase of 1,547,000 barrels, comprising an increase of 1,432,000 barrels in stocks of domestic crude and an increase of 115,000 barrels in stocks of foreign crude.

## OIL FIELD TRANSFERS

Items from the records, of interest to the Montana oil fraternity.

### TETON COUNTY TRANSFERS

By Teton County Abstract Co.  
Choteau, Montana

**ASSIGNMENT OF OIL AND GAS LEASES**  
E. B. Emrick to A. B. Chase and W. H. Smart, the se sec 5, w sw sec 4, twp 26n rge 3w.

Same to same, the nw ne, n nw, sw nw, nw sw sec 6, twp 26n rge 3w.

Same to same, nw sec 5, twp 26n rge 3w.

**ASSIGNMENT**  
Thomas Carney to George M. Begg, ¼ % of the net proceeds of all of the oil and of all of the gas produced and sold from the w se sec 5, twp 25n rge 1e.

**ASSIGNMENT AND AGREEMENT**  
Thomas Carney to Harrison D. Higgins, ¼ % of the net proceeds of all oil and of all of the gas produced and sold from the w se sec 5, twp 25n rge 1e.

Same to Jacob M. Nelson, ¼ % of the produced and sold from each and all of net proceeds of all of the oil and gas the wells hereafter drilled upon and within the w se sec 5, twp 25n rge 1e.

### TOOLE COUNTY TRANSFERS

By Toole County Abstract Co.  
Shelby, Montana

#### JUDGMENT

Landowners Royalties Co. vs. Laura Lee Barkuloo, et al. That plaintiffs are owners of all oil and gas and other minerals in and under s se, s sw 21, w nw, w sw 28-36-2w, subject to right of Texas Co., under oil and gas lease.

**RELEASE OF OIL AND GAS LEASE**  
Prevot & Shay to Gina Green, sw, w ne, e nw 11-35-4w.

**QUITCLAIM DEED**  
Bill Oil Co. to Louis P. Donovan, ½ interest in s 25-35-4w.

**EXTENSION OF OIL AND GAS LEASE**  
First National Bank of Minneapolis to Hardrock Oil Co., e e, sw ne 32, w sw 33-35-4w.

### FALLON COUNTY TRANSFERS

By Fallon County Abstract Co.  
Baker, Montana

**OIL AND GAS LEASES**  
August Strauch to Frank H. Becker, lots 1, 2, e nw and ne sec 18, twp 5n rge 60e. Martha Colbo to Frank H. Becker, all sec 12, twp 4n rge 60e; w sec 8, twp 4n rge 61e.

**ASSIGNMENT OF OIL AND GAS LEASE**  
L. N. Jordan to Frank H. Becker, undivided ¼ interest in oil and gas lease on s sec 28, twp 5n rge 60e.

### GLACIER COUNTY TRANSFERS

By Glacier County Abstract Co.  
Cut Bank, Montana

#### PARTIAL RELEASE OF OIL AND GAS LEASE

K. D. Pardee, et ux, to Arnold A. Tuma, et ux, lots 3 and 4, e sw sec 18, twp 37n rge 5w.

#### RELEASE OF OIL AND GAS LEASE

The Carter Oil Co. and Phillips Petroleum Co. to Leo Harris, et ux, s sec 13; se ne, se sec 26; w sec 25; w ne, ne sec 35, twp 35n rge 13w; e sec 19; s ne, nw ne, e se nw, sw, w nw, w e nw sec 20; sw nw sec 21; nw ne, n sw, nw se, s se nw sec 28, twp 35n rge 12w; w ne, se ne, nw sec 13, twp 35n rge 13; e sw, sw sw sec 32, twp 35n rge 12w; lots 3, 4, s nw, e se, se nw se, e sw se sec 5; lot 1, sec 6; lots 1, 2, s ne, se sec 7; w w nw, w nw sw, n ne ne, ne nw ne sec 8; n n, se ne, s sw se sec 16; nw ne, ne nw, n se nw sec 21, twp 34n rge 12w; e sec 15, twp 35n rge 13w; se nw sec 6, twp 35n rge 12w.

#### DECREE

G. E. Gallogly vs. R. C. Tarrant, et al. Decree quieting plaintiff's title to n sec 8, twp 34n rge 6w.

### LIBERTY COUNTY TRANSFERS

By Liberty County Abstract Co.  
Chester, Montana

#### RELEASE OF OIL AND GAS LEASE

Texas Co. to Tillia Grauman, lease dated 5-1-43. All sec 23, n, n s, se se sec 24, twp 33n rge 5e.

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