



30147

PHILADELPHIA, PA. DEPARTMENT OF INTELLIGENCE, PA.

LEAD NO. 15242      COUNTY      DISTRICT      STATE      DATE      CITY      NO. ON LEASE      ELEVATION

J.C. MCKENNAUGH

PERRY KENNEDY

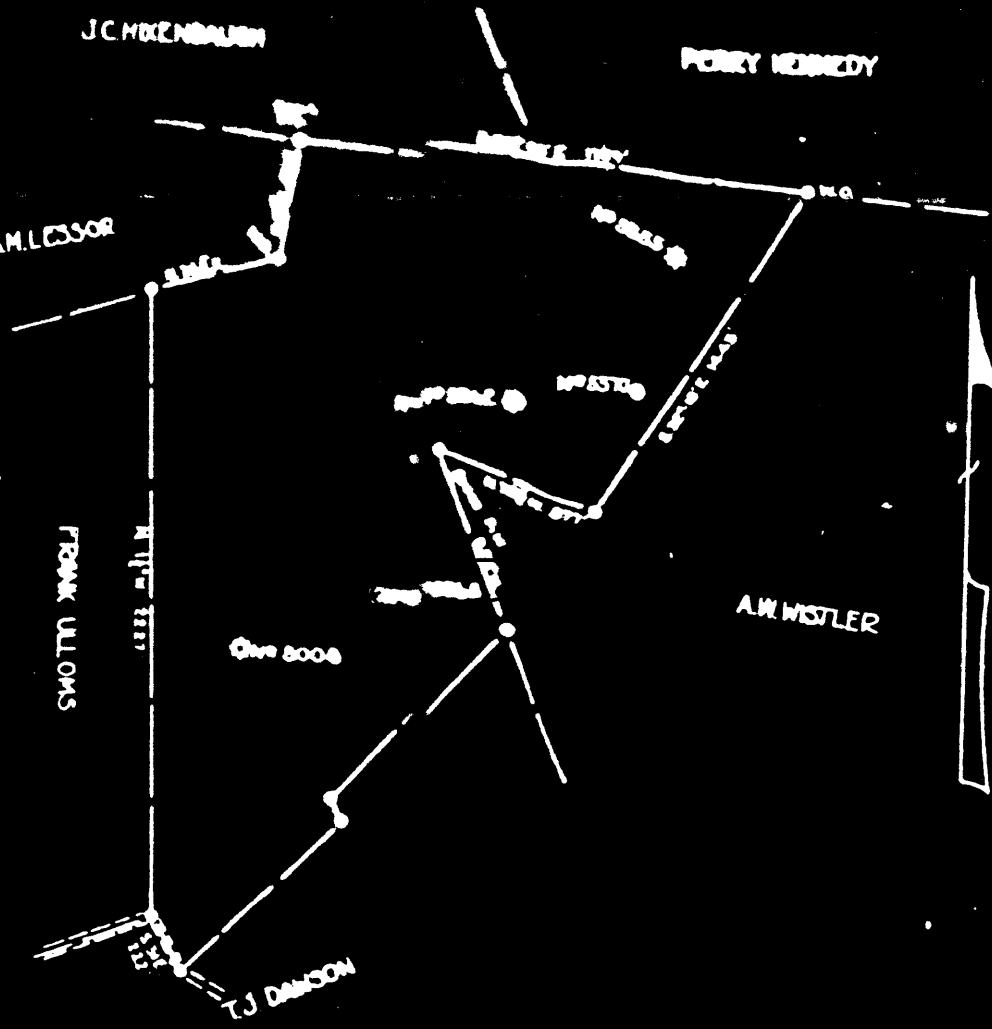
S.M. LESSOR

FRANK ULLOMS

A.W. WISTLER

ONE BOOB

T.J. DANSON



ENGINEER'S CERTIFICATE

SCALE: 1" = 500'

I, THE UNDERSIGNED HEREBY CERTIFY THAT THIS MAP IS CORRECT AND SHOWS ALL THE INFORMATION TO THE BEST OF MY KNOWLEDGE AND BELIEF REQUIRED BY THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA.

ACKNOWLEDGED BEFORE ME      DATE      ENGINEER

30142

PHILADELPHIA OIL CO.

PROPERTY OF PITTSBURGH, PA.

LEASE NO. 13242

LESSOR NAMES: BARTRUG

ACRES 73.02

DISTRICT: CHURCH

COUNTY: WETZEL

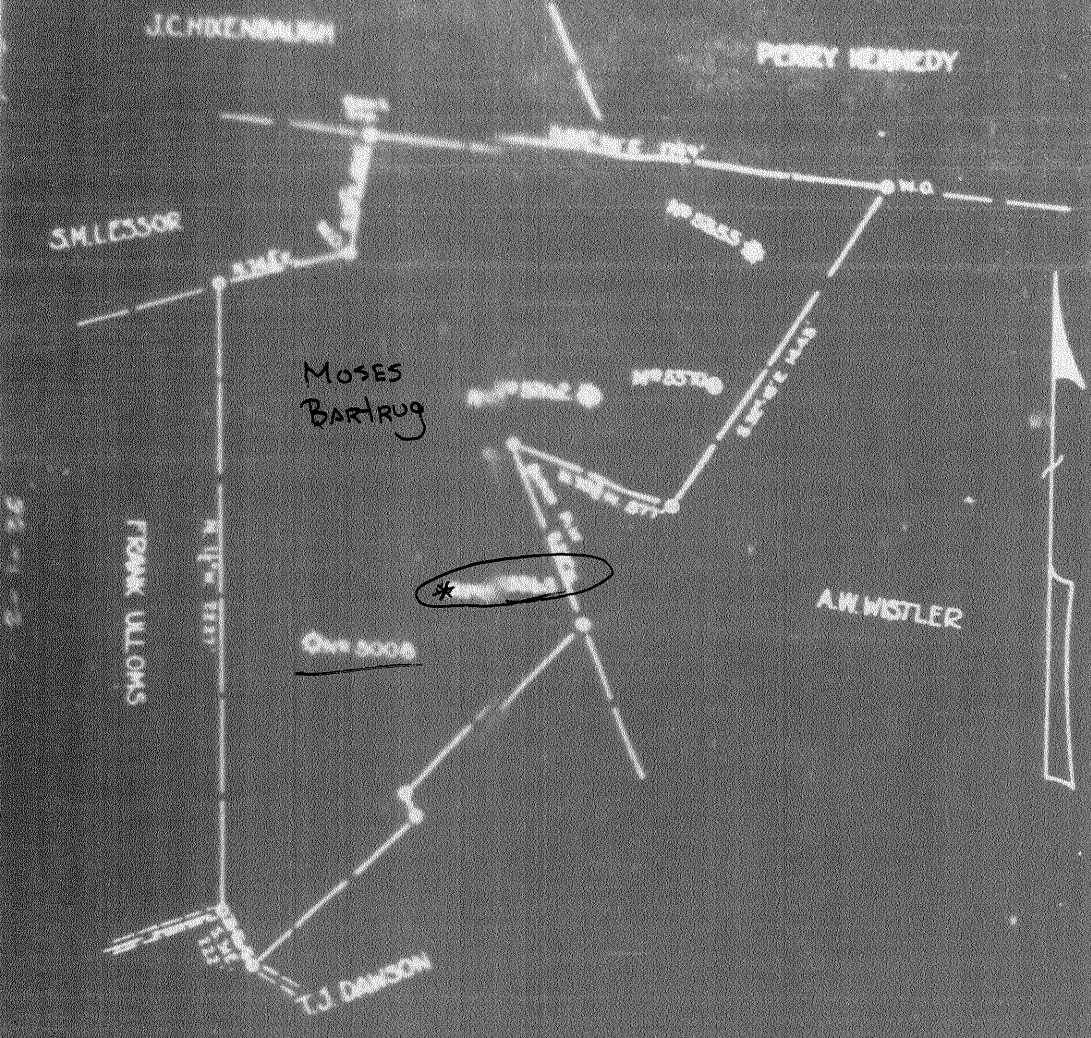
STATE: W.VA.

BY QUADRANGLE: MARSHINGTON 34.5.5.7 DATE: MAY 31, 1938

NO. ON LEASE: 3

LEASE EXPIRES: \_\_\_\_\_

ELEVATION: \_\_\_\_\_



ENGINEER'S CERTIFICATE

SCALE: 1" = 500'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS IN CONFORMITY AND SHOWS ALL THE INFORMATION TO THE BEST OF MY KNOWLEDGE AND BELIEF, REQUIRED BY THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA

ACKNOWLEDGED BEFORE ME: \_\_\_\_\_

ENGINEER

Church

Wetzel

Wetzel 142A

Battelle District, Monongalia County, W. Va.

By Philadelphia Oil Co., Clarksburg, W. Va.

On 80 acres (Map Ref. Mann. NW 4-2); surface and mineral rights owned by O. J. Bartrag, Burton, W. Va.

Well was completed Nov. 20, 1926.

Elevation, 1370' B.

10" casing, 260'; 8 1/2", 1665'; 6-5/8", 2415'; 5-3/16", 3165'.

Coal was encountered at 1085-1090 and 1185-1192'.

Abandonment reported to Dept. of Mines Jan. 29, 1935.

Well located 8-25-1926; began drg. 9-22-1926; comp. drg. 11-20-1926.

Well was shot in 30-Ft. Sand with 50 qts.

No record of water. 5-3/16" hole. Oil well.

|   | Top. | Bottom. | Thickness. |
|---|------|---------|------------|
| Unrecorded                                | 0    | - 810   | 810        |
| Bluff Sand, white, hard                   | 810  | - 830   | 20         |
| Unrecorded                                | 830  | - 1085  | 255        |
| Mapletown (Sewickley) Coal, black, soft   | 1085 | - 1090  | 5          |
| Lime, white, hard                         | 1090 | - 1185  | 95         |
| Pittsburgh Coal, black, soft              | 1185 | - 1193  | 8          |
| Slate, dark, soft                         | 1193 | - 1260  | 67         |
| Lime, white, hard                         | 1260 | - 1275  | 15         |
| Red rock, soft                            | 1275 | - 1285  | 10         |
| Lime, white, hard                         | 1285 | - 1300  | 15         |
| Slate, black, soft                        | 1300 | - 1350  | 50         |
| Red rock, soft                            | 1350 | - 1375  | 25         |
| Lime, white, hard                         | 1375 | - 1400  | 25         |
| Red rock, soft                            | 1400 | - 1425  | 25         |
| Slate, black, soft                        | 1425 | - 1475  | 50         |
| Lime, white, hard                         | 1475 | - 1520  | 45         |
| Slate, black, soft                        | 1520 | - 1570  | 50         |
| Little Dunkard Sand, white, hard          | 1570 | - 1610  | 40         |
| Slate, black, soft                        | 1610 | - 1655  | 45         |
| Big Dunkard Sand, white, hard             | 1655 | - 1760  | 105        |
| Slate, black, soft                        | 1760 | - 1825  | 65         |
| Gas Sand, white, hard                     | 1825 | - 1870  | 45         |
| Slate, black, soft                        | 1870 | - 1890  | 20         |
| 1st Salt Sand, white, hard                | 1890 | - 1940  | 50         |
| Slate, white, soft                        | 1940 | - 2005  | 65         |
| 2nd Salt Sand, white, hard                | 2005 | - 2070  | 65         |
| Slate, black, soft                        | 2070 | - 2090  | 20         |
| Sand, white, hard                         | 2090 | - 2110  | 20         |
| Slate, black, soft                        | 2110 | - 2140  | 30         |
| Sand, white, hard                         | 2140 | - 2225  | 85         |
| Slate, black, soft                        | 2225 | - 2240  | 15         |
| Red rock, soft                            | 2240 | - 2330  | 90         |
| Slate, black, soft                        | 2330 | - 2350  | 20         |
| Lime, white, hard                         | 2350 | - 2365  | 15         |
| Slate, black, soft                        | 2365 | - 2375  | 10         |
| Big Lime, white, hard                     | 2375 | - 2465  | 90         |
| Big Injun Sand, white, hard (gas, 2502')  | 2465 | - 2680  | 215        |
| Slate, black, soft                        | 2680 | - 2725  | 45         |
| Lime, white, hard                         | 2725 | - 2830  | 105        |
| Slate, shells                             | 2830 | - 3130  | 300        |
| Sand, white, hard                         | 3130 | - 3155  | 25         |
| Pink rock, soft                           | 3155 | - 3160  | 5          |
| 50-Ft. Sand, white, hard (break, 3179-81) | 3160 | - 3195  | 35         |
| Slate, black, soft                        | 3195 | - 3210  | 15         |
| 30-Ft. Sand, white, hard (oil, 3238-43')  | 3210 | - 3253  | 43         |
| Unrecorded, to bottom                     | 3253 | - 3255  | 2          |