

New Location
 Drill Deeper
 Abandonment

Company The Pure Oil Company
 Address Newark, Ohio
 Farm Williams Coal Company
 Tract _____ Acres 12000 Lease No. 5012
 Well (Farm) No. 100 Serial No. _____
 Elevation (Spirit Level) 1148'
 Quadrangle Montgomery
 County Kanawha District Cabin Creek
 Engineer J. B. Hunter
 Engineer's Registration No. Ohio-2912
 File No. _____ Drawing No. _____
 Date Jan. 5, 1946 Scale 1" = 200'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. KAN-439-A

* Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

6-6 240

KAN-439-A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

1117

WELL RECORD

Permit No. 439-A Oil or Gas Well _____ (KIND)

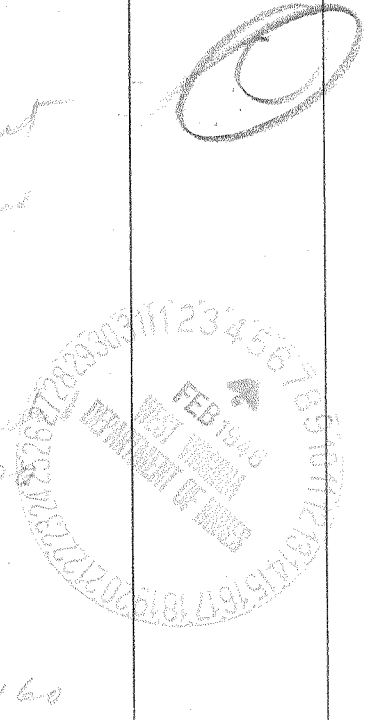
Company The Pure Oil Company
Address Box 551 - Newark, Ohio
Farm Williams Coal Company Acres 12,000
Location (waters) Cabin Creek
Well No. 100 Elev. 1148
District Cabin Creek County Kanawha
The surface of tract is owned in fee by Shonk Land Co.
Attn. D. C. Shonk Address Dawes, W. Va.
Mineral rights are owned by Shonk Land Company
Attn. D. C. Shonk Address Dawes, W. Va.
Drilling commenced February 4, 1918
Drilling completed April 18, 1918
Date Shot 4-19-18 From 2808' To 2828'
With 80 quarts glycerin
Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Block Pressure _____ lbs. _____ hrs.
Oil 30 bbls. natural bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | |
| 16 | | | Kind of Packer |
| 13 | | | |
| 10 | 625' | 625' | Size of |
| 8 1/4 | 1490' | Pulled | |
| 6 3/4 | 2131' | 2131' | Depth set |
| 5 3/16 | 2169' | 2169' | |
| 3 | | | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 137 FEET 36 INCHES
222 FEET 36 INCHES 425 FEET 36 INCHES
657 FEET 36 INCHES 475 FEET 60 INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|---------------|-------|--------------|------|--------|-------------------|-------------|---------|
| oil | | | 0 | 6 | | | |
| and | | | 6 | 45 | | | |
| late | | | 45 | 80 | | | |
| and | | | 80 | 110 | | | |
| late | | | 110 | 137 | | | |
| coal | | | 137 | 140 | cement | | |
| and | | | 140 | 155 | | | |
| late | | | 155 | 175 | | | |
| and | | | 175 | 200 | | | |
| late | | | 200 | 222 | | | |
| coal | | | 222 | 225 | cement | | |
| and | | | 225 | 255 | | | |
| late | | | 255 | 315 | | | |
| and | | | 315 | 340 | clay | | |
| late | | | 340 | 350 | | | |
| lime | | | 350 | 425 | | | |
| coal | | | 425 | 428 | | | |
| late | | | 428 | 445 | cement | | |
| lime | | | 445 | 455 | | | |
| late | | | 455 | 475 | | | |
| coal | | | 475 | 480 | | | |
| lime | | | 480 | 510 | | | |
| and | | | 510 | 540 | | | |
| late | | | 540 | 565 | | | |
| and | | | 565 | 610 | | | |
| late | | | 610 | 625 | | | |
| late & Shells | | | 625 | 657 | | | |
| coal | | | 657 | 660 | | | |
| and | | | 660 | 680 | | | |
| late | | | 680 | 770 | | | |
| lime | | | 770 | 785 | | | |
| late & Shells | | | 785 | 815 | | | |
| late | | | 815 | 835 | | | |
| lime | | | 835 | 965 | | | |
| and | | | 965 | 1030 | | | |
| BRANFUS | | | 1030 | 1140 | | | |
| late | | | 1140 | 1180 | | | |
| SALT SAND | | | 1180 | 1490 | | | |



| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|--------------------|-------|--------------|------|--------|--------------------|-------------|---------|
| Slate & Shells | | | 1490 | 1640 | | | |
| bed Rock | | | 1640 | 1675 | T 1570 | | |
| Slate & Shells | | | 1675 | 1710 | | | |
| bed Rock | | | 1710 | 1750 | P-1935 | | |
| Slate & Shells | | | 1750 | 1955 | T 2065 | | |
| MAXON SAND | | | 1955 | 2035 | P-2101 | 7' 2131 | |
| Little Lime | | | 2035 | 2110 | | | |
| Slate-Cave | | | 2110 | 2121 | P-2153 | 5 7/16 2169 | |
| BIG LIME | | | 2121 | 2350 | P-2175 | | |
| INJUN SAND | | | 2350 | 2385 | T 2425 | | |
| Slate & Shells | | | 2385 | 2780 | | | |
| Brown Shale | | | 2780 | 2793 | P-2773 | | |
| BEREA SAND | | | 2793 | 2829 | | | |
| Lime | | | 2829 | 2831 | | | |
| Total Depth: 2831' | | | | | | | |
| | | | | | First pay - 2815' | | |
| | | | | | Second pay - 2818' | | |

Frank Smith
Superintendent
February 1946

Date February 5, 1946

The Pure Oil Co. P. O. Box 551
 Newark, Ohio

APPROVED _____, Owner

By Frank Smith
 Division Superintendent