



New Location
 Best Dumper
 Abandonment

Company Murray and Davitt
 Address Stockport, Ohio
 Name J. W. Shaffer
 Tract _____ Acres 230.49 Lease No. _____
 Well (Farm) No. 1-2-3-7-10 Serial No. _____
 Elevation (Datum Level) 711-712-719-717-712
 Locality Harrisville
 County Ritchie District Grant
 Engineer Art Whittell
 Engineer's Registration No. County Surveyor

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

WELL LOCATION MAP
 FILE NO. RIC-653-A-200
RIC-654-A-#6V RIC-659-A-#1
RIC-660-A-#2
RIC-654-A-#200

* Dimensions shown on United States Topographic Maps and 1 to 62,500 scale maps and bearings being interpreted by border lines as shown.



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

590

WELL RECORD

Permit No. 659-A

Oil or Gas Well Oil
(KIND)

Company Newman and Devitt
Address Stockport Ohio
Farm J. W. Shaffer Acres 250.49
Location (waters) North Fork Hughes River
Well No. 1 Elev. 711
District Grant County Ritchie
The surface of tract is owned in fee by J. W. Shaffer
Address Cairo W. Va
Mineral rights are owned by Coburn Oil Co.
Address 246 Guyan St
Huntington W. Va
Drilling commenced
Drilling completed
Date Shot From To
With

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|--------------------|------------------|--------------|----------------|
| Size | | | |
| 16 | | | Kind of Packer |
| 13 | | | |
| 10 | | | Size of |
| 8 1/4 | | | |
| 6 1/2 " | | 1320' | Depth set |
| 5 3/16 | | | |
| 3 | | | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

Open Flow /10ths Water in Inch
/10ths Merc. in. Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
Fresh water feet feet
Salt water feet feet

CASING CEMENTED SIZE No. Ft. Date
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|------------------|-------|--------------|---------|--------|-------------------|-------------|---------|
| Red Rock | Brown | Medium | Surface | 570' | | | |
| 1st Salt | Gray | Soft | 570' | 647' | | | |
| 2nd Salt | Gray | Soft | 895' | 1015' | | | |
| 3rd Salt | Gray | Med. | 1110' | 1237' | | | |
| Maxon | Brown | Hard | 1254 | 1300' | | | |
| Little Max. Lime | Light | Hard | 1334' | 1350' | | | |
| Pencil Cave Br. | | Med. | 1350' | 1364' | | | |
| Keener | Gray | Med. | 1500' | 1513' | Oil | | |
| Bottom of hole | | | | 1518' | | | |

