



NOTE:- Tract shown and described is 210 acre portion of a 351 Acre lease:-
 Surface:- Marshall Ash Hrs. Centerpoint, W. Va.
 No coal mined in this vicinity.
 Title to the coal, it is understood, is vested in the State of West Va.

New Location
 Drill Deeper
 Abandonment

Company **CARNEGIE NATURAL GAS CO.**
 Address **Mannington, West Va.**
 Farm **Marshall Ash**
 Tract **Acres 351** Lease No. **8425**
 Well (Farm) No. **2 and 5** Serial No. **5584762**
 Elevation (Spirit Level) **No. 2: 825', No. 5 = 1133'**
 Quadrangle **Centerpoint C**
 County **Doddridge** District **McClellan**
 Engineer **W. H. [Signature]**
 Engineer's Registration No. **1227**
 File No. _____ Drawing No. _____
 Date **April, 1959** Scale **1" = 400' = 660'**

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

WELL LOCATION MAP

FILE NO. **DOD-1094-A #2-558**
DOD-1095-A #5-762

+ 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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Center Point Pool
1094-A

WELL RECORD

Permit No. 1094-A

Oil or Gas Well OIL
(KIND)

Company Carnegie Natural Gas Company
 Address 1015 Frick Building, Pittsburgh 19, Pa.
 Farm Marshall Ash Acres 351
 Location (waters) Broad Run
 Well No. 2 - 558 Elev. 825
 District McClellan County Doddridge
 The surface of tract is owned in fee by See below
 Address _____
 Mineral rights are owned by See below
 Address _____
 Drilling commenced 11-8-15
 Drilling completed 12-29-15
 Date Shot 3-21-39 From 1994 To 2006
 With 20 quarts
 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 1780 feet _____ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | |
| 16 | | | Kind of Packer |
| 13 | | | |
| 10 | 298 | None | Size of |
| 8 1/4 | 1065 | None | |
| 6 5/8 | 1868 | 1868 | Depth set |
| 5 3/16 | 1880 | 1880 | |
| 3 | | | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 573 FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|--|-------|--------------|------|--------|-------------------|-------------|---------|
| Pittsburgh Coal | | | 573 | 575 | Water | 1780 | |
| Little Dunkard | | | 1063 | 1073 | | | |
| Gas Sand | | | 1310 | 1335 | | | |
| First Salt Sand | | | 1370 | 1430 | | | |
| Second Salt Sand | | | 1445 | 1585 | | | |
| Maxon Sand | | | 1775 | 1795 | | | |
| Little Lime | | | 1833 | 1841 | | | |
| Pencil Cave | | | 1841 | 1846 | | | |
| Big Lime | | | 1846 | 1892 | | | |
| Big Injun | | | 1892 | | | | |
| Total Depth | | | | 2041 | | | |
| SURFACE & MINERAL RIGHTS OWNERS | | | | | | | |
| Fred M. Ash, Agent, Alma, W. Va. | | | | | | | |
| Martha Ash & Martha Ash, Gdn. for Carl & Eva Ash, Center Point, W. Va. | | | | | | | |
| O. E. Coffman, Shirley, W. Va. | | | | | | | |



| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------|-------|--------------|-----|--------|-------------------|-------------|---------|
| | | | | | | | |

Date April 17, 19 59

APPROVED CARNEGIE NATURAL GAS COMPANY, Owner

By B. Harker
(Title) Land Agent