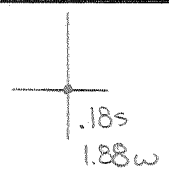


Latitude



Longitude

Topo Location

7.5' Loc. _____ 15' Loc. _____
 _____ (calc.) _____

Company _____

Farm _____

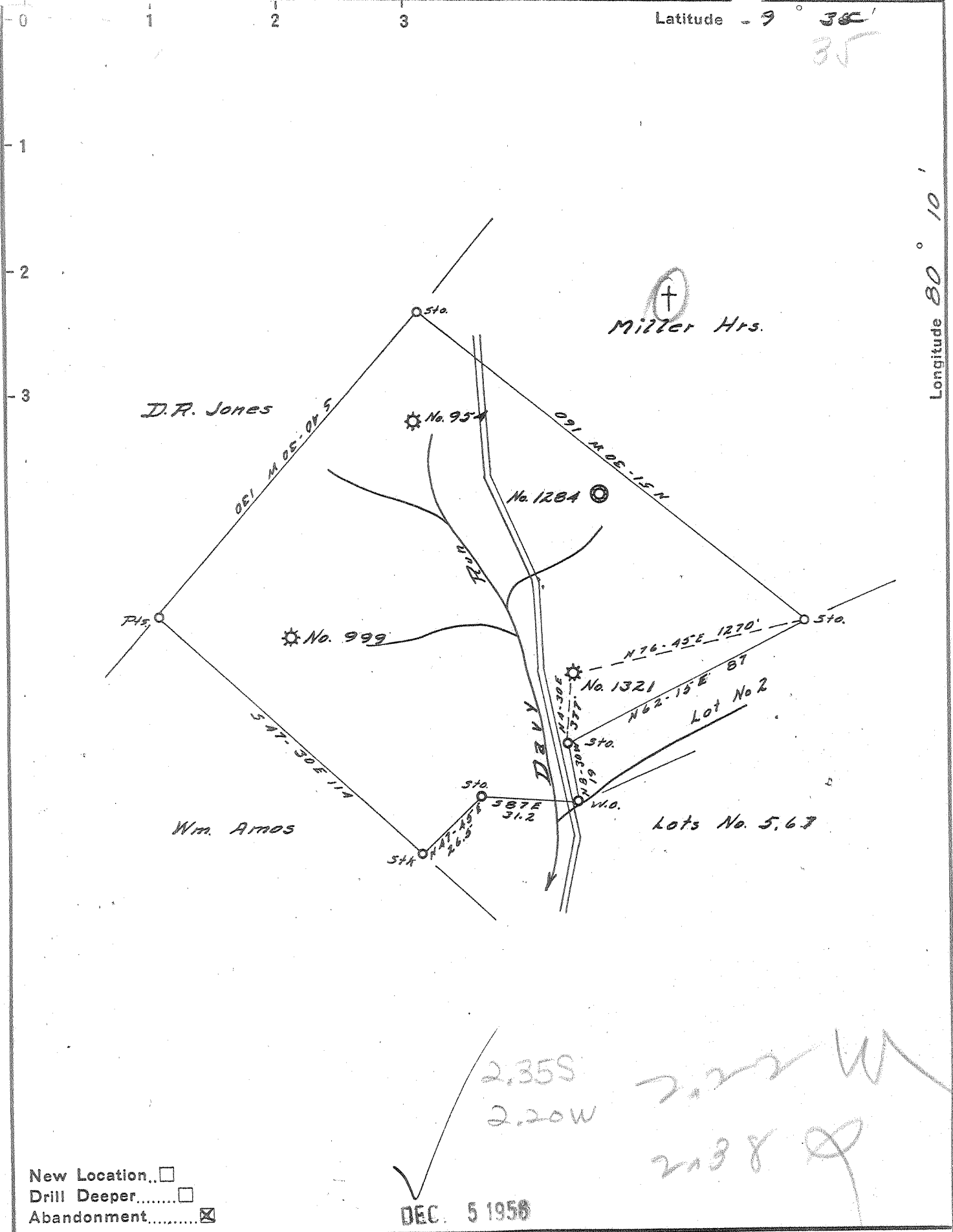
15' Quad _____
(sec.)

7.5' Quad Grant Town

District Lincoln

WELL LOCATION PLAT

County 049 Permit 30835



New Location...
 Drill Deeper...
 Abandonment...

DEC. 5 1956

Company CARNEGIE NATURAL GAS
 Address PITTSBURGH Pa.
 Farm E. L. MORGAN
 Tract _____ Acres 62 Lease No. E10130-40
 Well (Farm) No. 4 Serial No. E1321
 Elevation (Spirit Level) 1165'
 Quadrangle BLACKSVILLE SW
 County MARION District LINCOLN
 Engineer John B. Book
 Engineer's Registration No. 1850
 File No. _____ Drawing No. _____
 Date 10-25-56 Scale 1"=40 FEET

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

WELL LOCATION MAP
 FILE NO. MAR-835-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.

E. L. MORGAN No. A (E-1321) - CARNEGIE N. G. Co. - MAR-835-A



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

921

Blacksville Prof
Permit No. *Mar 835-A*

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company Carnegie Natural Gas Company
 Address 1015 Frick Building, Pittsburgh 19, Pa.
 Farm E. L. Morgan Acres 62
 Location (waters) Dart Run
 Well No. 1321 Elev. 1165
 District Lincoln County Marion
 The surface of tract is owned in fee by Lester Workman
Rt. #2, Fairmont Address West Virginia
 Mineral rights are owned by Frank H. Morgan
Rt. #2, Fairmont, Address West Virginia
 Drilling commenced 11-23-25
 Drilling completed 1-5-26 D.D. 11-4-27
 Date Shot 11-7-27 From 2849 To 2856
 With 15 quarts

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | |
| 16 | | | Kind of Packer |
| 13 | | | |
| 10 | 530 | 530 | Size of |
| 8 1/4 | 1158 | 1158 | |
| 6 5/8 | 1775 | 1775 | Depth set |
| 5 3/16 | 2722 | None | |
| 3 | 3025 | 3025 | Perf. top |
| 2 | | | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

Open Flow /10ths Water in _____ Inch
 _____ /10ths Merc. in _____ Inch
 Volume 200,000 Cu. Ft.
 Rock Pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water 1410 feet _____ feet

CASING CEMENTED _____ SIZE 10" No. Ft. 530 Date _____

COAL WAS ENCOUNTERED AT 475 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 | | | 475 | 482 | | | |
| Sand | | | 646 | 658 | Show of gas | 650 | |
| Sand | | | 851 | 870 | | | |
| Shells | | | 870 | 1120 | | | |
| Gas Sand | | | 1150 | | Gas | 1179 - 1184 | |
| Total Depth 1/5/26 | | | | 1184 | | | |
| Gas Sand | | | | 1194 | | | |
| 1st Salt Sand | | | 1405 | 1435 | Water | 1410 | |
| 2nd Salt Sand | | | 1455 | 1476 | | | |
| Big Lime | | | 1703 | 1820 | | | |
| Big Injun | | | 1820 | 1940 | Show of gas | 1913 | |
| 50 Foot Sand | | | 2335 | 2425 | | | |
| 30 Foot Sand | | | 2460 | 2485 | | | |
| Gordon Sand | | | 2705 | 2729 | | | |
| 4th Sand | | | 2732 | 2737 | | | |
| 5th Sand | | | 2834 | 2875 | Gas | 2837 | |
| | | | | | Gas | 2850 - 2856 | |
| Total Depth 11-4-27 | | | | 3025 | | | |

NOV 1956
 RECEIVED
 WEST VIRGINIA
 DEPT. OF MINES
 JUN 20 1957

