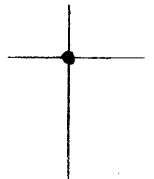


LATITUDE 39 35

LONGITUDE 80 25



1.425
.29W

7'5 OGIS topo location

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

Company _____

Farm M M KENDALL 5

Quad GLOVER GAP

County MARION

District ANNINGTON

WELL LOCATION MAP

File No. 30326

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

406

WELL RECORD

AP 376-A
Permit No. 376-A

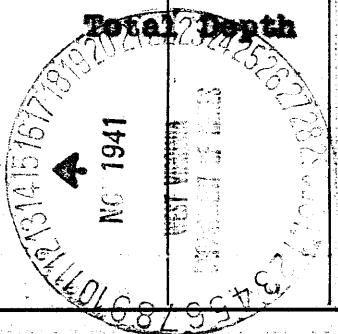
Oil or Gas Well **OIL**
(KIND)

Company **South Penn Natural Gas Company**
 Address **Union Trust Bldg. Parkersburg, W. Va.**
 Farm **M. M. Kendall** Acres **117**
 Location (waters) **Dents Run**
 Well No. **5** Elev. **1312.43**
 District **Mannington** County **Marion**
 The surface of tract is owned in fee by **Mrs. Ardea Bridgeman**
R.D. No. 1, Address **Mannington, W. Va.**
 Mineral rights are owned by **S. M. Kendall et al**
120 First St. Address **Elkins, W. Va.**
 Drilling commenced **Jan. 6, 1917** D.D. **May 15, 1924**
 Drilling completed **Mar. 5, 1917** **June 11, 1924**
 Date shot **11-21-19-20** Depth of shot **30 feet**
 Open Flow /10ths Water in **--** Inch
 /10ths Merc. in **--** Inch

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|----------------------|--------------|--------------------------|
| Size | | | |
| 16 | | | Kind of Packer -- |
| 13 | | | -- |
| 10 | 365* (Pulled) | | Size of -- |
| 8 1/4 | 1580* | | -- |
| 6 5/8 | 2298* | | Depth set -- |
| 5 3/16 | 3013* | | -- |
| Liners Used | | | Perf. top -- |
| Cond. 16* | | | Perf. bottom -- |
| | | | Perf. top -- |
| | | | Perf. bottom -- |

Volume **--** Cu. Ft. CASING CEMENTED **--** SIZE **--** No. Ft. **--** Date **--**
 Rock Pressure **--** lbs. **--** hrs. **--**
 Oil **10** bbls., 1st 24 hrs. **COAL WAS ENCOUNTERED AT 945 FEET 72 INCHES**
1040 FEET 96 INCHES FEET **--** INCHES **--**
 Fresh water **--** feet **--** feet **--** FEET **--** INCHES
 Salt water **1900** feet **11** feet **--** FEET **--** INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|------------------------|-------|--------------|----------------|----------------|-------------------|-------------|---------|
| Bluff Sand | | | 640 | 690 | | | |
| Bluff Sand | | | 640 | 690 | | | |
| Mapletown Coal | | | 945 | 951 | | | |
| Pittsburgh Coal | | | 1040 | 1048 | | | |
| Little Dunkard | | | 1435 | 1493 | | | |
| Big Dunkard | | | 1510 | 1575 | | | |
| Sand | | | 1580 | 1615 | | | |
| Gas Sand | | | 1710 | 1800 | | | |
| 1st Salt Sand | | | 1800 | 1885 | | | |
| 2nd Salt Sand | | | 1890 | 1995 | | | |
| | | | | | Water | 1900 | |
| Hard | | | 2040 | 2115 | | | |
| Slate | | | 2195 | 2205 | | | |
| Little Line | | | 2205 | 2270 | | | |
| Pencil Cave | | | 2270 | 2278 | | | |
| Big Line | | | 2278 | 2360 | | | |
| Big Injun | | | 2360 | | Oil | 2424-2430 | |
| Total Depth | | | | 2438 | | | |
| DRILLED DEEPER: | | | | | | | |
| Commenced drilling | | | 2438 | | | | |
| Squaw Sand | | | 2485 | 2500 | | | |
| Gents Sand | | | 2715 | 2741 | | | |
| Fifty Foot Sand | | | 2985 | 3012 | | | |
| Thirty Foot Sand | | | 3044 | 3064 | Oil | 3053 | |
| Total Depth | | | | 3066 | | | |



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

Date **November 13, 1941**

194

SOUTH PENN NATURAL GAS COMPANY

APPROVED _____, Owner

By *Elton E. ...* Land Agent
(Title)

Harrington District, Marion County, W. Va.
 By South Penn Natural Gas Co., Union Trust Bldg., Parkersburg, W. Va.
 Abandoned under permit Mar-.....-27
 On 117 acres, on Dents Mar.
 Elevation, 1312.43' ±.
 Surface owned by Mrs. Arden Bridgman, R. 2, No. 1, Harrington,
 W. Va., and minerals by C. W. Kendall et al., 120 First St.,
 Elkins, W. Va.
 Drilling commenced Jan. 6, 1917; completed, Mar. 5, 1917 (to 2438');
 commenced drilling deeper, May 1, 1924; completed, June 11,
 1924.
 Shot Nov. 21, 1919, with 20 qts., in Big Injun Sand; June 17, 1924,
 with 10 qts., in 30-Ft. Sand.
 Oil, 10 bbls., lost 24 hrs.
 Salt water at 1900'.
 10" casing, 365' (pulled); 8", 1900'; 6", 2298'; 5", 3013';
 conductor, 16'.
 Coal was encountered at 945-951 and 1040-1048'.
 Oil well. Abandonment reported to Dept. of Mines Nov. 13, 1941.
 Record to NCT from Mrs. Griffith Dec. 9, 1941. Old File No. 406.

| | Top. | Bottom. |
|----------------------------------|------|---------|
| Bluff Sand | 640 | - 690 |
| Appleton (Sewickley) Coal | 945 | - 951 |
| Pittsburgh Coal | 1040 | - 1048 |
| Little Dunbar Sand | 1455 | - 1493 |
| Big Dunbar Sand | 1510 | - 1575 |
| Sand | 1580 | - 1615 |
| Gas Sand | 1710 | - 1800 |
| 1st Salt Sand | 1800 | - 1835 |
| 2nd Salt Sand (water, 1900') | 1830 | - 1935 |
| Sand | 2040 | - 2115 |
| Slate | 2195 | - 2205 |
| Little Line | 2205 | - 2270 |
| Pencil Cove | 2270 | - 2278 |
| Big Line | 2278 | - 2360 |
| Big Injun Sand (oil, 2424-2430') | 2360 | - |
| Total depth | | 2438 |
| DRILLED DEEPER: | | |
| Commenced drilling | | 2438 |
| Snow Sand | 2485 | - 2500 |
| Cents Sand | 2715 | - 2741 |
| Fifty-foot Sand | 2983 | - 3012 |
| Thirty-foot Sand (oil, 3053') | 3044 | - 3064 |
| Total depth | | 3066 |