



Company SPARTAN GAS COMPANY
 Address 518 KANAWHA VALLEY BLDG., CHARLESTON, W.VA.
 Farm W.E. WALKER ET AL.
 Tract _____ Acres 938.0 Lease No. _____
 Well (Farm) No. FIVE Serial No. S-45
 Elevation (Spirit Level) 684.9 GROUND
 Quadrangle RIPLEY SW SC.
 County JACKSON District RIPLEY
 Engineer Robert S. Hyde
 Engineer's Registration No. 646
 File No. _____ Drawing No. _____
 Date OCTOBER 26, 1942 Scale 1 INCH = 660 FEET

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

WELL LOCATION MAP
 FILE NO. JAC-416

+ 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.

REPRODUCED FROM ORIGINAL TRACING CLOTH
 K & E 901, N.Y.

6-6-1942 Deep Well.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
WELL RECORD

Permit No. Jac 416
Ripley Quad.

Gas Well
CASING & TUBING

| | | | | |
|-------------|----------------------------------|--------|-------|--------------------------|
| Company | Spartan Gas Company | | | |
| Address | Charleston, W.Va. | 18 | 25'6 | |
| Farm | W.E. Walker Acres 988 | 16 | 203' | Pulled |
| Location | Mill Creek | 13 3/8 | 649' | " |
| Well No | Five Elev. 688.8 LDF | 10 3/4 | 1046' | " |
| District | Ripley Jackson County | 8 5/8 | 1971' | (28#) |
| Surface | W.E. Walker et al, Ripley, W.Va. | 7 | 4927' | (22#) |
| Mineral | Same | 2 | 5036 | (4#) |
| Commenced | Nov. 26, 1942 | | | |
| Completed | March 1, 1943 | | | |
| Not shot | | | | Casing cemented |
| Open flow | 40/10ths W in 7" 22# | | | 18 bags Gel. behind |
| Volume | 2728,000 C.F. | | | 8 5/8" |
| Fresh Water | 165' ; 435' | | | 15 bags Cement behind 7" |
| Salt Water | 1240' HW | | | |

| | | | | | |
|-------------------------|------|------|------------------------|------|------|
| Conductor | 0 | 25 | Slate & Shells | 2346 | 3850 |
| Red Rock | 25 | 40 | Brown Shale - 441 | 3850 | 4170 |
| White Slate | 40 | 50 | Slate | 4170 | 4567 |
| Red & Broken | 50 | 125 | Brown Shale | 4567 | 4912 |
| Sand | 125 | 200 | Corniferous Lime - 463 | 4912 | 5027 |
| White Slate | 200 | 212 | Oriskany Sand | 5027 | 5044 |
| Red Rock | 212 | 312 | TOTAL DEPTH | 475 | 5044 |
| Blue Slate | 312 | 325 | | | |
| Red Rock | 325 | 377 | | | |
| Slate | 377 | 395 | Gas 3950-3960 | | |
| Sand - 1 1/2 ft. Sand ? | 395 | 460 | Gas 5035-5044 | | |
| Slate | 460 | 495 | | | |
| Red Rock | 495 | 508 | | | |
| Blue Slate | 508 | 521 | | | |
| Lime | 521 | 555 | | | |
| Pink Rock | 555 | 590 | | | |
| Lime | 590 | 608 | | | |
| Red Rock | 608 | 623 | Cave | | |
| Sand | 623 | 638 | | | |
| Red Rock | 638 | 660 | | | |
| Lime | 660 | 680 | | | |
| Red Rock | 680 | 760 | | | |
| Slate | 760 | 805 | | | |
| Sand | 805 | 818 | Show oil | | |
| Slate | 818 | 838 | | | |
| Sand | 838 | 882 | | | |
| Slate | 882 | 910 | | | |
| Sand | 910 | 923 | | | |
| Slate | 923 | 1027 | | | |
| Sand | 1027 | 1073 | | | |
| White Slate | 1073 | 1093 | | | |
| Sand | 1093 | 1100 | | | |
| Slate | 1100 | 1136 | | | |
| Sand - Big Boulder ??? | 1136 | 1250 | | | |
| Slate & Shell | 1250 | 1276 | | | |
| Sand | 1276 | 1297 | | | |
| Slate & Shell | 1297 | 1326 | | | |
| Sand | 1326 | 1345 | | | |
| Slate | 1345 | 1609 | | | |
| Sand - Salt Sand ? | 1609 | 1807 | | | |
| Little Lime | 1807 | 1827 | | | |
| Big Lime | 1827 | 1896 | | | |
| Injun Sand | 1896 | 1952 | | | |
| Slate | 1952 | 1954 | | | |
| Sandy Shell | 1954 | 1966 | | | |
| Slate & Shell | 1966 | 2322 | | | |
| Shale - Coffee ? | 2322 | 2337 | | | |
| Berea Sand | 2337 | 2346 | show gas | | |