

| 2345-2355 | $10^{\prime}$ | Siltstone, dark gray, grayish brown, moderately hard, finely micaceous, argillaceous, locally carbonaceous |
| :---: | :---: | :---: |
| 2355-2406 | $51^{\prime}$ | Sandstone, white, quartzose, fine to coarse grained, poorly sorted, angular to rounded, little or no matrix material, rare dark rock fragments, secondary quartz overgrowths visible, 95 to $100 \%$ quartz |
| 2406-2417 | $11^{1}$ | Siltstone, dark gray, moderately hard, carbonaceous |
| 2417-2418 | $1{ }^{\prime}$ | Coal, silty and impure, in part |
| 2418-2425 | 71 | Siltstone, dark gray, carbonaceous sand, shaly |
| 2425-2430 | $5^{\prime}$ | Coal, pure to impure, shaly and bony in part |
| 2430-2479 | $49^{1}$ | Sandstone, white, quartzose, fine to coarse grained, to granular, subangular to subround, poorly sorted, small amount of clay and silt matrix material, rare dark rock fragments, 90 to $95 \%$ quartz |
| 2479-2489 | $10^{\prime}$ | Sandstone, as in 2430-2479, conglomeratic |
| 2489-2586 | $97^{1}$ | See Robinson's log |
| 2586-2588 | 21 | Coal, pure to impure, with fossil plant fragments |
| 2588-2604 | $16^{1}$ | Sandstone, white, quartzose, medium to granular grained and conglomeratic, subangular to round, poorly sorted, little to no matrix material, no accessory, rare rock fragments, 95 to $100 \%$ quartz |
| 2604-2617 | $13^{3}$ | No samples |
| 2617-2624 | 71 | Sandstone, white, quartzose, fine to medium grained, subrounded, moderately well sorted, small amount of silty matrix material and dark rock fragments, 90 to $95 \%$ quartz |


| 2624-2632 | $8^{1}$ | Sandstone, white, quartzose, fine to granular grained and conglomeratic, angular to subround, poorly sorted, no matrix material, scattered dark rock and carbonaceous fragments, secondary quartz overgrowths visible, 90 to $95 \%$ quartz |
| :---: | :---: | :---: |
| 2632-2636 | $4^{1}$ | Sandstone, as in 2624-2632, fine to coarse grained, not conglomeratic |
| 2636-2674 | $38^{1}$ | Sandstone as in 2624-2632, fine to granular grained, not conglomeratic |
| 2674-2684 | $10^{1}$ | Sandstone, white, quartzose, fine grained, subrounded, well sorted, little or no matrix material, very rare dark rock fragments, 90 to $95 \%$ quartz |
| 2684-2693 | $9^{1}$ | Sandstone, white, quartzose, fine to granular grained, subangular to subround, poorly sorted, little to no matrix material, scattered dark rock fragments and carbonaceous material, 90 to $95 \%$ quartz |
| 2693-2710 | $17^{1}$ | Sandstone, white to orange, quartzose, fine to medium grained, rounded to subangular, moderately sorted, considerable clay-silt matrix material, rare dark rock fragments, abundant iron staining throughout, $90 \%$ quartz, 5 to $10 \%$ matrix, 0 to $5 \%$ rock fragments |
| 2710-2720 | $10^{1}$ | No samples |
| 2720-2730 | $10^{1}$ | Sandstone, as in 2693-2710 |
| 2730-2749 | $19^{1}$ | Sandstone, white, quartzose, very fine to fine grained, subround, well sorted, interstitially silty but poorly cemented, very rare dark fragments, 90 to $95 \%$ quartz |
| 2749-2757 | $8^{1}$ | No samples |


| 2757-2764 | $7{ }^{1}$ | Siltstone, dark gray, argillaceous or shaly, locally carbonaceous |
| :---: | :---: | :---: |
| 2764-2767 | $3{ }^{1}$ | Sandstone, white, quartzose, granular to conglomeratic, well rounded to angular, poorly sorted |
| 2767-2795 | $28^{1}$ | Sandstone, white, quartzose, fine to medium grained, occasionally coarse grained and granular, subround to subangular, moderately sorted, small amount of clay and silt matrix material, scattered dark rock fragments, $90 \%$ quartz, $5 \%$ matrix, $5 \%$ rock fragments |
| 2795-2809 | $14^{\prime}$ | No samples |
| 2809-2831 | $22^{1}$ | Sandstone, white, quartzose, medium grained, subround to round, well sorted, rare dark rock fragments, little or no matrix material, $95 \%$ quartz, $5 \%$ matrix and rock fragments, rare carbonaceoussilt partings present in lower $10^{\prime}$ |
| 2831-2837 | $6^{3}$ | No samples |
| 2837-2933 | $99^{1}$ | Sandstone, white, quartzose, fine to coarse grained to granular and conglomeratic, subangular to subround, moderately to poorly sorted, little or no matrix material, rare dark rock fragments, 90 to $95 \%$ quartz, $5 \%$ matrix, 0 to $5 \%$ rock fragments, locally iron stained |
| 2933 |  | Shale, dark gray, finely micaceous, hard, locally carbonaceous |
| 2933-5349 |  | See Robinson's log |

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Operator: Clinchfield Coal Company
Farm: Virginia Coal and Iron Co.
Well No.: l43
Location: Wise County
    13,000'S of 37 005'
    10,900' W of 82* 40'
Elevation: 2225.3'
Total Depth: 5349'
Drilling Commenced: Nov. 6, 1952
Well Completed: July 10, 1953
Result: Gas well.
Correlations by Marshall Miller, l970-74, VDMR.
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Formation Top Bottom Thickness

Pennsylvanian System

Lee Formation

Pocahontas Formation absent
Mississippian System

| Pride Shale | 2933, | 3090 | 3151 |
| :--- | :---: | :---: | :---: |
| Princeton Interval | 3090 | 3165 | $61^{\prime}$ |
| Little Stone Gap Mem. | 3151 | 3507 | $14^{\prime}$ |
| Stony Gap Sand | 3442 | 4165 | $65^{\prime}$ |
| Greenbrier Fm. | 3740 | 2 | $425^{\prime}$ |
| Maccrady Fm. | 4165 |  |  |


| in at 2170 | 2933 |
| :---: | :---: |
| War Creek coal att 2530 |  |

Pride Shale 4165

