

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-8G1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-------------------------|--------------------------|-----------------|---------|
| Mississippian system: | | | |
| Chester series: | | | |
| Shale, sandy, gray----- | 3 | 162 | |
| Shale, dark-gray----- | 2 | 164 | |
| Shale, olive----- | 3.5 | 167.5 | |
| Shale, maroon----- | 4.5 | 172 | |
| Shale, olive----- | 3 | 175 | |

Well 8/5W-9B1

| Type of record: Driller's log. | | Altitude: About 530 feet. | |
|--------------------------------|----|---------------------------|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 6 | 6 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy----- | 8 | 14 | |
| Shale, gray----- | 20 | 34 | |
| Shale, sandy----- | 5 | 39 | |
| Shale, gray----- | 31 | 70 | |
| Sandstone, gray----- | 15 | 85 | |
| Sandstone, brown----- | 10 | 95 | W.B. |
| Sandstone, gray----- | 10 | 105 | W.B. |

Well 8/5W-9C1

| Type of record: Driller's log. | | Altitude: About 525 feet. | |
|--------------------------------|----|---------------------------|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Hardpan----- | 52 | 52 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, red----- | 3 | 55 | |
| Sandstone, yellow----- | 3 | 58 | W.B. |

Well 8/5W-10P1

| Type of record: Driller's log. | | Altitude: About 580 feet. | |
|--------------------------------|----|---------------------------|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 17 | 17 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, blue----- | 8 | 25 | |
| Shale, sandy, hard, blue----- | 45 | 70 | |
| Shale, sandy, dark-blue----- | 34 | 104 | |
| Coal----- | 1 | 105 | |
| Shale, gray----- | 4 | 109 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-12R1

Type of record: Driller's log.

Altitude: About 525 feet.

| Material | Thick-ness (feet) | Depth (feet) | Remarks |
|--------------------------------|-------------------|--------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 10 | 10 | |
| Sand and clay----- | 18 | 28 | |
| Sand----- | 22 | 50 | |
| Hardpan and gravel----- | 15 | 65 | |
| Mississippian system: | | | |
| Chester series: | | | |
| Limestone----- | 7 | 72 | |
| Sandstone, hard----- | 10 | 82 | |
| Sandstone, white----- | 46 | 128 | W.B. |
| Shale, sandy----- | 5 | 133 | |

Well 8/5W-14D1

Type of record: Driller's log.

Altitude: About 600 feet.

| Material | Thick-ness (feet) | Depth (feet) | Remarks |
|--------------------------------|-------------------|--------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Sand----- | 31 | 31 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, red----- | 2 | 33 | |
| Shale, white----- | 10 | 43 | |
| Shale, sandy, gray----- | 30 | 73 | |
| Coal----- | 1 | 74 | |
| Fire clay----- | 2 | 76 | |
| Sandstone, white----- | 4 | 80 | W.B. |

Well 8/5W-15C1

Type of record: Driller's log.

Altitude: About 590 feet.

| Material | Thick-ness (feet) | Depth (feet) | Remarks |
|--------------------------------|-------------------|--------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Sand, red----- | 32 | 32 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, red----- | 5 | 37 | |
| Sandstone, gray----- | 8.5 | 45.5 | |
| Shale, sandy, gray----- | 8.5 | 54 | |
| Shale, sandy, white----- | 1.5 | 55.5 | |
| Limestone----- | .5 | 56 | |
| Sandstone, white----- | 50 | 106 | W.B. |
| Shale, sandy, gray----- | 26 | 132 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-16A1

Type of record: Driller's log.

Altitude: About 530 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 14 | 14 | |
| Quicksand----- | 18 | 32 | |
| Muck, blue----- | 6 | 38 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Coal, trace----- | --- | 38 | |
| Shale, gray----- | 7 | 45 | W.B. |
| Coal, trace----- | --- | 45 | |
| Shale, gray----- | 15 | 60 | W.B. |

Well 8/5W-16Q1

Type of record: Driller's log.

Altitude: About 540 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay----- | 14 | 14 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone----- | 6 | 20 | |
| Shale, sandy, gray----- | 60 | 80 | |
| Sandstone----- | 15 | 95 | W.B. |
| Shale, sandy, gray----- | 10 | 105 | |

Well 8/5W-16R2

Type of record: Driller's log.

Altitude: About 570 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|------------------------------------|--------------------------|-----------------|----------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 22 | 22 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, dark-gray----- | 8 | 30 | |
| Shale, sandy, light-gray----- | 20 | 50 | |
| Sandstone, brown and gray----- | 29 | 79 | |
| Shale, blue----- | 11 | 90 | |
| Sandstone, white----- | 10 | 100 | |
| Sandstone, dark-gray----- | 26 | 126 | |
| Shale, gray----- | 22 | 148 | |
| Sandstone, mixed gray and white--- | 127 | 275 | Channel fill?. |

Well 8/5W-17H1

Type of record: Driller's log.

Altitude: About 618 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Sand----- | 20 | 20 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-17H1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Mud, blue----- | 20 | 40 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, gray----- | 102 | 142 | |
| Sandstone, white----- | 2 | 144 | W.B. |
| Sandstone, red and white----- | 11 | 155 | W.B. |

Well 8/5W-17J1

Type of record: Driller's log.

Altitude: About 530 feet.

| | | | |
|--------------------------------|----|----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Sand----- | 48 | 48 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy----- | 24 | 72 | |
| Sandstone, red----- | 1 | 73 | W.B. |
| Sandstone, white----- | 24 | 97 | W.B. |

Well 8/5W-18C1

Type of record: Driller's log.

Altitude: About 580 feet.

| | | | |
|-----------------------|-----|-----|------|
| No record----- | 72 | 72 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Steel band----- | 1 | 73 | |
| Shale, sandy----- | 7 | 80 | |
| Shale, gray----- | 4 | 84 | |
| Shale, sandy----- | 34 | 118 | |
| Shale, gray----- | 9 | 127 | |
| Coal, trace----- | --- | 127 | |
| Sandstone----- | 31 | 158 | |
| Shale, sandy----- | 9 | 167 | |
| Shale, gray----- | 13 | 180 | |
| Shale, sandy----- | 35 | 215 | |
| Sandstone----- | 25 | 240 | W.B. |

Well 8/5W-21A1

Type of record: Driller's log.

Altitude: About 580 feet.

| | | | |
|--------------------------------|----|----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Sand, brown and yellow----- | 37 | 37 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, gray----- | 4 | 41 | |
| Sandstone, gray----- | 4 | 45 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-21A1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--|--------------------------|-----------------|-------------------------------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, gray----- | 4 | 49 | |
| Coal----- | .5 | 49.5 | |
| Fire clay----- | 1.5 | 51 | |
| Shale, sandy, medium-gray----- | 12 | 63 | |
| Shale, dark-gray----- | 15 | 78 | |
| Shale, sandy, gray----- | 5 | 83 | |
| Coal and slate----- | 2 | 85 | |
| Fire clay----- | 1 | 86 | |
| Sandstone, gray----- | 5 | 91 | |
| Shale, boots, gray----- | 6 | 97 | |
| Sandstone, light-gray----- | 3 | 100 | |
| Shale, sandy, light-gray----- | 2 | 102 | |
| Sandstone, light-gray----- | 8.5 | 110.5 | |
| Shale, sandy, gray----- | 5.5 | 116 | |
| Sandstone and dark-gray, sandy shale----- | 6 | 122 | Trace of coal at 120 feet. |
| Shale, sandy, light-gray----- | 3 | 125 | |

Well 8/5W-21B1

| Type of record: Driller's log. | Altitude: About 535 feet. | |
|---------------------------------|---------------------------|-------------------------------|
| No record----- | 80 | 80 |
| Pennsylvanian system: | | |
| Lower series: | | |
| Shale, sandy, light-gray----- | 11 | 91 |
| Shale, gray----- | 3 | 94 |
| Shale, sandy, light-gray----- | 6 | 100 |
| Shale, gray----- | 10 | 110 |
| Shale, sandy, gray----- | 13 | 123 |
| Sandstone, light-gray----- | 9 | 132 |
| | | Trace of coal at 125 feet. |
| Shale, sandy, limey, white----- | 8 | 140 |
| Shale, sandy, limey, gray----- | 6 | 146 |

Well 8/5W-21B2

| Type of record: Driller's log. | Altitude: About 510 feet. | |
|------------------------------------|---------------------------|------|
| Quaternary system: | | |
| Recent and Pleistocene series: | | |
| Surface, sandy----- | 9 | 9 |
| Pennsylvanian system: | | |
| Lower series: | | |
| Sandstone, cream with red streaks- | 20 | 29 |
| Mud, blue----- | 12 | 41 |
| Slate, black----- | 3 | 44 |
| Coal----- | .5 | 44.5 |

Table 2.--Selected well logs, Greene County, Indiana--Continued

| Well 8/5W-21B2--Continued | | | |
|------------------------------|--------------------------|-----------------|---------|
| Material | Thick- ness (feet) | Depth (feet) | Remarks |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Fire clay----- | 1.5 | 46 | |
| Shale, soft, light-gray----- | 4 | 50 | |
| Sandstone, light-gray----- | 8 | 58 | W.B. |
| Shale, gray----- | 5.5 | 63.5 | |

Well 8/5W-21K2

Type of record: Driller's log.

Altitude: About 630 feet.

| | | | |
|----------------------------------|------|-------|------------------------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Sand----- | 32 | 32 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, yellow----- | 4 | 36 | |
| Shale, sandy, yellow----- | 6 | 42 | |
| Shale, gray----- | 8 | 50 | Trace of coal at 43 feet. |
| Sandstone, gray----- | 6 | 56 | Trace of coal at 55 feet. |
| Shale, sandy, gray----- | 7 | 63 | |
| Shale, dark-gray----- | 7 | 70 | |
| Shale, sandy, light-gray----- | 3 | 73 | |
| Coal----- | .5 | 73.5 | |
| Fire clay----- | 4 | 77.5 | |
| Shale, sandy, gray----- | 7.5 | 85 | |
| Shale, soft, dark-gray----- | 4 | 89 | |
| Shale, hard, dark-gray----- | 7 | 96 | |
| Shale, sandy, light-gray----- | 5 | 101 | |
| Sandstone, light-gray----- | 24 | 125 | |
| Shale, dark-gray----- | 9 | 134 | |
| Slate, black----- | 6 | 140 | |
| Shale, sandy, light-gray----- | 2 | 142 | |
| Shale, sandy, brownish-gray----- | 4 | 146 | |
| Sandstone, light-gray----- | 3 | 149 | |
| Shale, sandy, light-gray----- | 11 | 160 | |
| Shale, sandy, gray----- | 25 | 185 | |
| Limestone and shale----- | 2 | 187 | |
| Shale, sandy, gray----- | 13 | 200 | |
| Shale, sandy, light-gray----- | 5 | 205 | |
| Limestone and sandstone----- | 3.5 | 208.5 | |
| Shale, sandy, gray----- | 66.5 | 275 | |
| Shale, sandy, gray----- | 5 | 280 | |
| Mississippian? system: | | | |
| Chester? series: | | | |
| Sandstone----- | 21 | 301 | W.B. |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-21L1

Type of record: Driller's log.

Altitude: About 580 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 5 | 5 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, yellow----- | 7 | 12 | |
| Shale, dark-gray----- | 14.5 | 26.5 | |
| Sandstone, white----- | 9.5 | 36 | |
| Sandstone, gray----- | 12 | 48 | |
| Sandstone, dark-gray----- | 7 | 55 | |
| Sandstone, gray----- | 2 | 57 | |
| Shale, sandy, gray----- | 23.5 | 80.5 | |
| Coal and blackjack----- | 2.5 | 83 | W.B. |
| Shale, sandy, gray----- | 1.5 | 84.5 | |
| Sandstone, light-gray----- | 11.5 | 96 | W.B. |

Well 8/5W-21L2

Type of record: Driller's log.

Altitude: About 550 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 10 | 10 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone----- | 5 | 15 | |
| Shale, sandy----- | 6 | 21 | |
| Sand and gravel----- | 2 | 23 | Conglomerate. |
| Shale, sandy----- | 27 | 50 | |
| Shale, gray----- | 11 | 61 | |
| Sandstone----- | 32 | 93 | |
| Shale, gray----- | 17 | 110 | |
| Shale, sandy----- | 16 | 126 | |
| Sandstone----- | 5 | 131 | W.B. |
| Shale, gray----- | 11 | 142 | |

Well 8/5W-21P1

Type of record: Driller's log.

Altitude: About 595 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|---------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene? series: | | | |
| Soil----- | 3 | 3 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, brown----- | 4 | 7 | |
| Shale, sandy, light-gray----- | 5 | 12 | |
| Shale, sandy, brown----- | 10 | 22 | |
| Shale, dark-gray----- | 9 | 31 | |
| Coal----- | .5 | 31.5 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-21P1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-------------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Fire clay----- | 1.5 | 33 | |
| Shale, sandy, light-gray----- | 4 | 37 | |
| Sandstone, light-gray----- | 1 | 38 | |
| Shale, sandy, light-gray----- | 4 | 42 | |
| Sandstone, buff----- | 6 | 48 | |
| Shale, sandy, light-gray----- | 2 | 50 | |
| Shale, sandy, buff----- | 3.5 | 53.5 | |
| Sandstone, light-gray----- | 3.5 | 57 | |
| Shale, sandy, light-gray----- | 1 | 58 | |
| Sandstone, light-gray----- | 5 | 63 | |
| Shale, soft, dark-gray----- | 9 | 72 | |
| Shale, black----- | 8 | 80 | |
| Coal----- | .5 | 80.5 | |
| Fire clay----- | .5 | 81 | |
| Shale, gray----- | 3 | 84 | |
| Shale, soft, light-gray----- | 2 | 86 | |
| Shale, sandy, light-gray----- | 15 | 101 | |
| Sandstone, light-gray----- | 9 | 110 | W.B. |
| Shale, sandy, gray----- | 14 | 124 | |
| Sandstone, gray----- | 6 | 130 | |
| Sandstone, light-gray----- | 4 | 134 | |
| Shale, sandy, dark-gray----- | 13 | 147 | |
| Shale, sandy, gray----- | 26 | 173 | |
| Sandstone----- | 17 | 190 | W.B. |

Type of record: Driller's log. Well 8/5W-21P2 Altitude: About 600 feet.

| | | | |
|---|----|-----|--|
| Quaternary system: | | | |
| Recent and Pleistocene? series: | | | |
| Surface----- | 3 | 3 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, brown----- | 6 | 9 | |
| Sandstone, with streaks of gray shale----- | 50 | 59 | |
| Shale, gray----- | 31 | 90 | |
| Coal----- | 1 | 91 | |
| Fire clay----- | 2 | 93 | |
| Sandstone, gray----- | 4 | 97 | |
| Shale, gray----- | 2 | 99 | |
| Sandstone, gray----- | 3 | 102 | |
| Shale, light-gray----- | 16 | 118 | |
| Shale, sandy, gray----- | 6 | 124 | |
| Sandstone, gray----- | 5 | 129 | |
| Shale, sandy, gray----- | 3 | 132 | |
| Sandstone, gray----- | 10 | 142 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-21P2--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, gray----- | 2 | 144 | |
| Shale, light-gray----- | 3 | 147 | |
| Shale, sandy, gray----- | 9 | 156 | |
| Sandstone, gray----- | 8 | 164 | |
| Shale, sandy, gray----- | 26 | 190 | |
| Sandstone, gray----- | 5 | 195 | |
| Sandstone, white----- | 15 | 210 | |
| Sandstone, gray----- | 5 | 215 | |

Well 8/5W-23J1

| Type of record: Driller's log. | | Altitude: About 640 feet. | |
|--------------------------------|-----|---------------------------|------|
| No record----- | 104 | 104 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, gray----- | 35 | 139 | |
| Sandstone, brown----- | 4 | 143 | W.B. |
| Mississippian system: | | | |
| Chester series: | | | |
| Sandstone, white----- | 3 | 146 | |
| Limestone----- | 25 | 171 | |
| Shale, gray----- | 4 | 175 | |
| Shale, red----- | 3 | 178 | |
| Shale, gray----- | 8 | 186 | |
| Sandstone----- | 5 | 191 | |
| Shale, red and gray----- | 10 | 201 | |
| Shale, sandy, gray----- | 45 | 246 | |
| Sandstone, white----- | 6 | 252 | W.B. |

Well 8/5W-24H1

| Type of record: Driller's log. | | Altitude: About 540 feet. | |
|------------------------------------|----|---------------------------|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 22 | 22 | |
| Sand, red----- | 10 | 32 | |
| Muck, blue----- | 9 | 41 | |
| Muck, sandy, red----- | 9 | 50 | |
| Muck, pink----- | 6 | 56 | |
| Mississippian system: | | | |
| Chester series: | | | |
| Shale, sandy, gray----- | 6 | 62 | |
| Shale, sandy, very hard, gray----- | 10 | 72 | |
| Shale, red----- | 7 | 79 | |
| Shale, blue----- | 3 | 82 | |
| Sandstone, gray----- | 33 | 115 | |
| Shale, sandy, gray----- | 5 | 120 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-24H1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-------------------------|--------------------------|-----------------|---------|
| Mississippian system: | | | |
| Chester series: | | | |
| Shale, gray----- | 8 | 128 | |
| Shale, sandy, gray----- | 2 | 130 | |
| Sandstone, gray----- | 11 | 141 | |
| Shale, red----- | 2 | 143 | |
| Sandstone, gray----- | 21 | 164 | W.B. |
| Shale, boots, gray----- | 8 | 172 | |
| Limestone----- | 2 | 174 | |

Well 8/5W-25B1

| Type of record: Driller's log. | | Altitude: About 555 feet. | |
|--------------------------------|----|---------------------------|------|
| No record----- | 20 | 20 | |
| Mississippian system: | | | |
| Chester series: | | | |
| Sandstone----- | 11 | 31 | |
| Limestone----- | 46 | 77 | |
| Shale----- | 2 | 79 | |
| Limestone, sandy----- | 7 | 86 | |
| Shale, red----- | 2 | 88 | |
| Sandstone----- | 4 | 92 | W.B. |
| Limestone----- | 8 | 100 | |
| Shale, sandy----- | 2 | 102 | |

Well 8/5W-25D1

| Type of record: Driller's log. | | Altitude: About 580 feet. | |
|--------------------------------|------|---------------------------|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 12 | 12 | |
| Pennsylvanian system: | | | |
| Lower? series: | | | |
| Sandstone----- | 8 | 20 | |
| Mississippian system: | | | |
| Chester series: | | | |
| Muck, blue----- | 7 | 27 | |
| Sandstone, hard----- | .5 | 27.5 | |
| Muck, blue----- | 14.5 | 42 | |
| Limestone, blue----- | 3 | 45 | |
| Muck, blue----- | 12 | 57 | W.B. |
| Sandstone----- | 12 | 69 | |
| Sandstone, hard, red----- | 6 | 75 | |
| Sandstone----- | 2 | 77 | |
| Sandstone, brown----- | 2 | 79 | |
| Sandstone, hard----- | 11 | 90 | |
| Limestone----- | 13 | 103 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-25E1

Type of record: Driller's log.

Altitude: About 530 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|---------------------------------|--------------------------|-----------------|---|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 2 | 2 | |
| Sand----- | 26 | 28 | |
| Mississippian system: | | | |
| Chester series: | | | |
| Sandstone, red----- | 2 | 30 | |
| Sandstone, white and yellow---- | 10 | 40 | |
| Mud----- | 7 | 47 | W.B. solution open- ing in limestone (?) |

Well 8/5W-26E1

Type of record: Driller's log.

Altitude: About 520 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay, sandy----- | 10 | 10 | |
| Mud, sandy----- | 10 | 20 | |
| Quicksand----- | 8 | 28 | |
| Mud----- | 22 | 50 | |
| Pennsylvanian? system: | | | |
| Lower? series: | | | |
| Shale, sandy, dark-gray----- | 18 | 68 | |
| Mississippian system: | | | |
| Chester series: | | | |
| Shale, soft, light-green----- | 10 | 78 | |
| Shale, sandy, gray----- | 11 | 89 | |
| Sandstone----- | 31 | 120 | W.B. |
| Shale, sandy----- | 10 | 130 | |

Well 8/5W-26F1

Type of record: Driller's log.

Altitude: About 535 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil and loose sand----- | 21 | 21 | |
| Pennsylvanian? system: | | | |
| Lower? series: | | | |
| Sandstone----- | 17 | 38 | |
| Mississippian system: | | | |
| Chester series: | | | |
| Limestone----- | 4 | 42 | |
| Sandstone----- | 11 | 53 | W.B. |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-28E1

Type of record: Driller's log. Altitude: About 530 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface and sandy pan----- | 75 | 75 | |
| Sand and pea gravel----- | 5 | 80 | |
| Hardpan----- | 20 | 100 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, dark-gray----- | 4 | 104 | |
| Shale, sandy, gray----- | 26 | 130 | W.B. |

Well 8/5W-29B1

Type of record: Driller's log. Altitude: About 510 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface, and reddish sand----- | 7 | 7 | |
| Sand, gray----- | 23 | 30 | W.B. |
| Gravel, fine----- | 15 | 45 | W.B. |
| Gravel, coarse----- | 12 | 57 | W.B. |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, soft, gray----- | 1 | 58 | |

Well 8/5W-30D1

Type of record: Driller's log. Altitude: About 515 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|----------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay, sandy, and mud----- | 25 | 25 | |
| Sand and gravel----- | 4 | 29 | |
| Mud, sandy----- | 3.5 | 32.5 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, yellowish-brown----- | 1.5 | 34 | |
| Shale, sandy, yellowish-brown--- | 2.5 | 36.5 | |
| Sandstone, gray----- | 1.5 | 38 | |
| Sandstone, cream----- | 29 | 67 | |
| Sandstone, red----- | 1 | 68 | |
| Sandstone, yellowish----- | 7 | 75 | |

Well 8/5W-32C1

Type of record: Driller's log. Altitude: About 510 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Sand and gravel----- | 120 | 120 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/5W-32C1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|------------------------|--------------------------|-----------------|------------------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone----- | 70 | 190 | |
| Shale, dark----- | 32 | 222 | |
| Sandstone----- | 4 | 226 | |
| Mississippian? system: | | | |
| Chester? series: | | | |
| Shale, dark----- | 2 | 228 | |
| Limestone, gray----- | 57 | 285 | |
| Shale, green----- | 2 | 287 | |
| Limestone, gray----- | 31 | 318 | T.D. 1,491 feet. |

Well 8/5W-36PI

Type of record: Driller's log.

Altitude: About 660 feet.

| | | | |
|--------------------------------|-----|------|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 4 | 4 | |
| Hardpan----- | 4 | 8 | |
| Clay, yellow----- | 12 | 20 | |
| Sand, yellow----- | 2 | 22 | |
| Clay, yellow----- | 18 | 40 | |
| Sand, yellow----- | 5 | 45 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Slate, soft, black----- | 1.5 | 46.5 | |
| Coal----- | .5 | 47 | |
| Sandstone, gray----- | 5 | 52 | |
| Shale, sandy, soft, gray----- | 7 | 59 | |
| Sandstone, gray----- | 1 | 60 | |
| Shale, sandy, gray----- | 3.5 | 63.5 | |
| Coal----- | 2.5 | 66 | |
| Fire clay----- | 2 | 68 | |
| Shale, sandy, gray----- | 7 | 75 | |

Well 8/6W-1H1

Type of record: Driller's log.

Altitude: About 565 feet.

| | | | |
|--------------------------------|-------|-----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 21 | 21 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale----- | 125 | 146 | |
| Sandstone----- | 10 | 156 | W.B. |
| Sandstone----- | 4 | 160 | |
| Sandstone, white----- | 25 | 185 | W.B. |
| Limestone----- | ----- | 185 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-8H1

Type of record: Driller's log.

Altitude: About 560 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 15 | 15 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, gray----- | 4 | 19 | |
| Shale, sandy, gray----- | 3 | 22 | |
| Sandstone, gray----- | 6 | 28 | |
| Shale, sandy, gray----- | 11 | 39 | |
| Sandstone, light-gray----- | 4 | 43 | |
| Shale, sandy, gray----- | 10.5 | 53.5 | |
| Coal----- | .3 | 53.8 | |
| Shale, sandy, gray----- | 4.2 | 58 | |
| Coal----- | .2 | 58.2 | |
| Sandstone, light-gray----- | 5.8 | 64 | |
| Coal----- | 2 | 66 | |
| Fire clay----- | 4 | 70 | |
| Shale, brown----- | 1 | 71 | |
| Shale, sandy, gray----- | 3 | 74 | |
| Sandstone, gray----- | 18 | 92 | |
| Sandstone, white----- | 7 | 99 | |
| Shale, sandy, gray----- | 2 | 101 | |
| Sandstone, gray----- | 11 | 112 | |
| Shale, sandy, gray----- | 11 | 123 | |
| Sandstone, gray----- | 6 | 129 | |
| Shale, sandy, gray, and sandstone----- | 21 | 150 | |

Well 8/6W-10M1

Type of record: Driller's log.

Altitude: About 565 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Soil and dirt----- | 10 | 10 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, shaly----- | 4 | 14 | |
| Shale, bluish----- | 28 | 42 | |
| Sandstone, dark-gray----- | 3 | 45 | |
| Coal----- | 2 | 47 | |
| Fire clay----- | 2 | 49 | |
| Sandstone, shaly----- | 18 | 67 | |
| Coal----- | 2.3 | 69.3 | |
| Fire clay----- | 1.7 | 71 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-12C1

Type of record: Driller's log.

Altitude: About 590 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 16 | 16 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone----- | 9 | 25 | |
| Shale, very soft, gray----- | 33 | 58 | |
| Shale, sandy----- | 11 | 69 | |
| Shale, gray----- | 20 | 89 | |
| Coal, trace----- | --- | 89 | |
| Shale, gray----- | 26 | 115 | |

Well 8/6W-12H1

Type of record: Driller's log.

Altitude: About 640 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface and hardpan----- | 28 | 28 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, blue----- | 95 | 123 | |
| Coal----- | 1 | 124 | |
| Shale, sandy, gray----- | 12 | 136 | |
| Slate, black----- | 1 | 137 | |
| Shale, sandy, gray----- | 6 | 143 | |
| Sandstone----- | 52 | 195 | W.B. |

Well 8/6W-13J1

Type of record: Driller's log.

Altitude: About 600 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 6 | 6 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, yellow----- | 22 | 28 | |
| Sandstone, hard, yellow----- | 2 | 30 | |
| Sandstone, soft, brown----- | 3 | 33 | |
| Sandstone, white----- | 14.5 | 47.5 | |
| Coal, trace----- | --- | 47.5 | |
| Sandstone, gray----- | 12.5 | 60 | |
| Shale, sandy, gray----- | 2 | 62 | |
| Sandstone, white----- | 3 | 65 | |
| Coal----- | 2 | 67 | |
| Shale, white----- | 4 | 71 | |
| Shale, sandy, gray----- | 1 | 72 | |
| Sandstone, white----- | 11 | 83 | |
| Sandstone, gray----- | 5 | 88 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-13J1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-------------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, gray----- | 13 | 101 | |
| Sandstone, light-gray----- | 32 | 133 | |
| Sandstone, dark-gray----- | 8 | 141 | |
| Sandstone, white----- | 5 | 146 | |
| Sandstone, gray----- | 19 | 165 | |
| Sandstone, dark-gray----- | 5 | 170 | |
| Shale, sandy, light-gray----- | 6 | 176 | |
| Sandstone, gray----- | 21 | 197 | |
| Slate, black----- | 7 | 204 | |
| Shale, sandy, gray----- | 6 | 210 | |
| Shale, sandy, light-gray----- | 5 | 215 | |
| Sandstone, white----- | 15 | 230 | |
| Shale, sandy, gray----- | 2 | 232 | |

Well 8/6W-14Q1

Type of record: Driller's log.

Altitude: About 540 feet.

| | | | |
|--------------------------------|----|-----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay, brown----- | 14 | 14 | |
| Hardpan, brown----- | 2 | 16 | |
| Sand----- | 70 | 86 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, gray----- | 4 | 90 | |
| Coal----- | 3 | 93 | W.B. |
| Clay----- | 4 | 97 | |
| Shale, gray----- | 33 | 130 | |

Well 8/6W-15Q1

Type of record: Driller's log.

Altitude: About 555 feet.

| | | | |
|--------------------------------|-----|-----|---------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 16 | 16 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, rotten----- | 20 | 36 | |
| Coal, trace----- | --- | 36 | |
| Shale, gray----- | 3 | 39 | |
| Sandstone----- | 10 | 49 | "Alum water". |
| Shale, gray----- | 12 | 61 | |
| Coal, trace----- | --- | 61 | |
| Fire clay----- | 3 | 64 | |
| Shale, gray----- | 26 | 90 | |
| Sandstone----- | 5 | 95 | |
| Shale, gray----- | 29 | 124 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-15Q1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-----------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Coal, trace----- | ---- | 124 | |
| Fire clay----- | 2 | 126 | |
| Shale, sandy----- | 24 | 150 | |
| Sandstone----- | 5 | 155 | |
| Shale, sandy----- | 31 | 186 | |
| Coal----- | 1 | 187 | |
| Fire clay----- | 2 | 189 | |
| Shale, sandy----- | 26 | 215 | |
| Sandstone----- | 20 | 235 | W.B. |
| Shale, gray----- | ---- | 235 | |

Well 8/6W-16N1

Type of record: Driller's log.

Altitude: About 585 feet.

| | | | |
|--------------------------------|----|-----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay and hardpan----- | 19 | 19 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy----- | 5 | 24 | |
| Shale, dark----- | 14 | 38 | |
| Sandstone----- | 7 | 45 | W.B. |
| Slate, dark----- | 15 | 60 | |
| Coal----- | 3 | 63 | |
| Fire clay----- | 2 | 65 | |
| Shale, gray----- | 8 | 73 | |
| Sandstone----- | 9 | 82 | |
| Shale, sandy----- | 23 | 105 | |
| Sandstone----- | 13 | 118 | W.B. |
| Shale, gray----- | 20 | 138 | |
| Shale, sandy, gray----- | 4 | 142 | |
| Coal----- | 3 | 145 | |
| Fire clay----- | 3 | 148 | |
| Sandstone, light-gray----- | 2 | 150 | |
| Shale, sandy, gray----- | 3 | 153 | W.B. |
| Shale, sandy, dark-gray----- | 7 | 160 | W.B. |

Well 8/6W-18A1

Type of record: Driller's log.

Altitude: About 535 feet.

| | | | |
|--------------------------------|-----|------|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay, yellow----- | 16 | 16 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, yellow----- | 9 | 25 | |
| Shale, sandy, brown----- | 1.5 | 26.5 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

| Well 8/6W-18A1--Continued | | | |
|-------------------------------|--------------------------|-----------------|------------------------------|
| Material | Thick- ness (feet) | Depth (feet) | Remarks |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, brown----- | 9.5 | 36 | |
| Coal, trace----- | ---- | 36 | |
| Sandstone, cream----- | 11 | 47 | |
| Sandstone, light-gray----- | 8.5 | 55.5 | Trace of coal at 55 feet. |
| Sandstone, gray----- | 17.5 | 73 | |
| Shale, sandy, gray----- | 3 | 76 | |
| Sandstone, gray----- | 4 | 80 | |
| Coal----- | 1 | 81 | |
| Fire clay----- | 1.5 | 82.5 | |
| Shale, sandy, light-gray----- | 4.5 | 87 | |
| Shale, sandy, gray----- | 4 | 91 | |
| Coal, trace----- | ---- | 91 | |
| Shale, dark-gray----- | 2 | 93 | |
| Shale, sandy, gray----- | 2 | 95 | |
| Sandstone, gray----- | 3 | 98 | |
| Shale and gray limestone----- | 4 | 102 | |
| Sandstone, light-gray----- | 1 | 103 | |
| Shale, sandy, gray----- | 10 | 113 | |
| Sandstone, light-gray----- | 15 | 128 | |
| Shale, sandy, gray----- | 2 | 130 | |
| Shale, dark-gray----- | 16 | 146 | |
| Shale, sandy, light-gray----- | 4 | 150 | |
| Shale, sandy, gray----- | 10 | 160 | |
| Coal----- | 2 | 162 | |
| Shale, sandy, light-gray----- | 8 | 170 | |

Well 8/6W-18Q1

| Type of record: Driller's log. | | Altitude: About 580 feet. | |
|--------------------------------|------|---------------------------|------------------------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface and hardpan----- | 12.5 | 12.5 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone, yellow----- | 2 | 14.5 | |
| Shale, sandy, yellow----- | 3.5 | 18 | |
| Shale, gray----- | 3 | 21 | Trace of coal at 20 feet. |
| Shale, soft, light-gray----- | 19 | 40 | |
| Lower series: | | | |
| Shale, gray----- | 2 | 42 | |
| Slate and coal----- | 2.5 | 44.5 | |
| Shale, gray----- | 4.5 | 49 | |
| Shale, sandy, medium-gray----- | 9 | 58 | |
| Coal, trace----- | ---- | 58 | |
| Sandstone, medium-gray----- | 7 | 65 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-18Q1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|----------------------------------|--------------------------|-----------------|-------------------------------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, light-gray----- | 27 | 92 | Trace of coal at 72 feet. |
| Sandstone, light-bluish-gray---- | 23 | 115 | |
| Shale, gray----- | 3 | 118 | |
| Coal----- | 1 | 119 | |
| Shale, sandy, gray----- | 13 | 132 | Trace of coal at 127 feet. |
| Sandstone, light-gray----- | 8 | 140 | W.B. |
| Coal----- | .5 | 140.5 | |
| Shale, dark----- | 11 | 151.5 | Trace of coal at 151 feet. |
| Sandstone, gray----- | 2.5 | 154 | W.B. |
| Sandstone, light-gray----- | 18 | 172 | W.B. |
| Sandstone, gray----- | 3.5 | 175.5 | W.B. |
| Shale, sandy, gray----- | 1 | 176.5 | |
| Sandstone, gray----- | 3.5 | 180 | W.B. |
| Shale, dark-gray----- | 12 | 192 | |
| Shale, sandy, gray----- | 20.5 | 212.5 | |
| Coal----- | 2 | 214.5 | |
| Shale, sandy, light-gray----- | 9.5 | 224 | |
| Shale, gray----- | ---- | 224 | |

Well 8/6W-18R1

Type of record: Driller's log.

Altitude: About 575 feet.

| | | | |
|--------------------------------|-----|------|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 12 | 12 | |
| Hardpan and gravel----- | 14 | 26 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Rock, black----- | 1 | 27 | |
| Slate, black----- | 1.5 | 28.5 | |
| Shale, sandy, gray----- | 3.5 | 32 | |
| Sandstone, gray----- | 2 | 34 | W.B. |
| Shale, sandy, gray----- | 11 | 45 | |
| Sandstone, gray----- | 2 | 47 | |
| Shale, sandy, gray----- | 7 | 54 | |
| Sandstone, gray----- | 6 | 60 | |
| Sandstone, white----- | 8 | 68 | |
| Shale, sandy, gray----- | 2 | 70 | |
| Sandstone, white----- | 48 | 118 | W.B. |
| Shale, sandy, gray----- | 5 | 123 | |
| Sandstone, gray----- | 4 | 127 | |
| Shale, sandy, gray----- | 3 | 130 | |
| Sandstone, gray----- | 3 | 133 | |
| Shale, sandy, gray----- | 13 | 146 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-18R1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|----------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, light-gray----- | 13 | 159 | W.B. |
| Shale, sandy, gray----- | 7 | 166 | |

Well 8/6W-19C1

Type of record: Driller's log.

Altitude: About 580 feet.

| | | | |
|--------------------------------|------|------|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 13 | 13 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Coal----- | 1 | 14 | |
| Shale----- | 36 | 50 | |
| Lower? series: | | | |
| Coal----- | .5 | 50.5 | |
| Shale----- | 24.5 | 75 | |
| Sandstone----- | 45 | 120 | |
| Shale, gray----- | 20 | 140 | |
| Shale, sandy----- | 20 | 160 | |
| Shale, dark-gray----- | 10 | 170 | |
| Limestone----- | 2 | 172 | |
| Shale----- | 8 | 180 | |
| Shale, sandy----- | 14 | 194 | |
| Shale, gray----- | 51 | 245 | |
| Coal----- | 2 | 247 | |
| Shale----- | 25 | 272 | |

Well 8/6W-19E1

Type of record: Driller's log.

Altitude: About 545 feet.

| | | | |
|--------------------------------|------|------|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 14 | 14 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale----- | 27.5 | 41.5 | |
| Lower series: | | | |
| Rock----- | 1.5 | 43 | |
| Shale, sandy, gray----- | 39 | 82 | |
| Sandstone, white----- | 12 | 94 | W.B. |

Well 8/6W-20A1

Type of record: Driller's log.

Altitude: About 610 feet.

| | | | |
|--------------------------------|----|----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 16 | 16 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-20A1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone, brown----- | 9 | 25 | |
| Shale, gray----- | 9 | 34 | |
| Lower series: | | | |
| Sandstone, gray----- | 9 | 43 | |
| Shale, gray----- | 35 | 78 | |
| Coal----- | 2 | 80 | |
| Shale, gray----- | 15 | 95 | |
| Shale, sandy, gray----- | 6 | 101 | |
| Sandstone, gray----- | 14 | 115 | |
| Shale, gray----- | 35 | 150 | |
| Slate, gray----- | 5 | 155 | |
| Coal----- | 5 | 160 | |
| Fire clay----- | 2 | 162 | |
| Shale, sandy, gray----- | 13 | 175 | W.B. |

Well 8/6W-20B1

Type of record: Driller's log. Altitude: About 610 feet.

| | | | |
|--------------------------------|-----|------|-----------------------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 12 | 12 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone, yellow----- | 8 | 20 | |
| Sandstone, brown----- | 39 | 59 | "Alum water" at 50 feet. |
| Lower series: | | | |
| Shale, gray----- | 4 | 63 | |
| Coal----- | .5 | 63.5 | |
| Shale and fire clay----- | 1.5 | 65 | |
| Coal----- | 2 | 67 | |
| Fire clay----- | .5 | 67.5 | |
| Coal----- | .5 | 68 | |
| Fire clay, sandy----- | 10 | 78 | |
| Shale and clay, blue----- | 80 | 158 | |
| Coal----- | 5 | 163 | |
| Fire clay----- | 10 | 173 | |
| Shale, blue----- | 25 | 198 | |

Well 8/6W-20D1

Type of record: Driller's log. Altitude: About 575 feet.

| | | | |
|--------------------------------|----|----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 12 | 12 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-20D1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-----------------------|--------------------------|-----------------|---------------|
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, blue----- | 12 | 24 | |
| Sandstone----- | 68 | 92 | "Alum water". |
| Lower series: | | | |
| Shale, gray----- | 69 | 161 | |
| Coal----- | 3 | 164 | |
| Fire clay----- | 3 | 167 | |
| Limestone----- | 1 | 168 | |
| Shale, gray----- | 7 | 175 | |
| Sandstone, white----- | 5 | 180 | W.B. |

Well 8/6W-20Q1

| Type of record: Driller's log. | | Altitude: About 590 feet. | |
|--------------------------------|----|---------------------------|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 8 | 8 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone, yellow----- | 8 | 16 | |
| Sandstone, red----- | 14 | 30 | |
| Sandstone, yellow----- | 25 | 55 | |
| Sandstone, red----- | 4 | 59 | |
| Sandstone, light-gray----- | 13 | 72 | W.B. |

Well 8/6W-21A1

| Type of record: Driller's log. | | Altitude: About 565 feet. | |
|--------------------------------|------|---------------------------|--------------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Soil----- | 18 | 18 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, soft, gray----- | 10 | 28 | |
| Shale, blue----- | 1 | 29 | |
| Coal----- | 1 | 30 | |
| Fire clay----- | 3 | 33 | |
| Sandstone, gray----- | 12 | 45 | |
| Shale, sandy, gray----- | 1 | 46 | |
| Shale, soft, gray----- | 2 | 48 | |
| Coal, soft----- | 1.5 | 49.5 | |
| Sandstone, gray----- | 3 | 52.5 | |
| Coal----- | 1 | 53.5 | "Copperous water". |
| Fire clay----- | 1.5 | 55 | |
| Shale, sandy, gray----- | 1 | 56 | |
| Sandstone, limey----- | 5.5 | 61.5 | |
| Sandstone, gray----- | 14.5 | 76 | |
| Shale, sandy, gray----- | 14 | 90 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

| Well 8/6W-21A1--Continued | | | |
|-------------------------------|--------------------------|-----------------|---------|
| Material | Thick- ness (feet) | Depth (feet) | Remarks |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, dark-gray----- | 6.5 | 96.5 | |
| Coal----- | .5 | 97 | |
| Fire clay----- | 1 | 98 | |
| Shale, brownish-gray----- | 6 | 104 | |
| Shale, gray----- | 4 | 108 | |
| Slate, black----- | 7 | 115 | |
| Sandstone, gray----- | 1 | 116 | |
| Shale, sandy, gray----- | 3 | 119 | |
| Coal----- | .5 | 119.5 | |
| Fire clay----- | 2.5 | 122 | |
| Shale, sandy, light-gray----- | 4 | 126 | |
| Coal----- | 2.5 | 128.5 | W.B. |
| Shale, sandy, light-gray----- | 1.5 | 130 | |
| Sandstone, light-gray----- | 8 | 138 | |
| Sandstone, dark-gray----- | .5 | 138.5 | |

Well 8/6W-21K1

Type of record: Driller's log.

Altitude: About 580 feet.

| | | | |
|------------------------------------|------|-------|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 13 | 13 | |
| Hardpan----- | 5 | 18 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, gray----- | 11.5 | 29.5 | |
| Shale, pink----- | 1 | 30.5 | |
| Shale, gray----- | 3.5 | 34 | |
| Shale, dark-gray----- | 4 | 38 | |
| Sandstone, hard, gray----- | 5 | 43 | |
| Coal, trace----- | --- | 43 | |
| Shale, sandy, soft, light-gray--- | 2 | 45 | |
| Shale, sandy, light-gray----- | 8 | 53 | |
| Shale, sandy, gray----- | 5 | 58 | |
| Sandstone and coal----- | 2 | 60 | |
| Fire clay----- | 2 | 62 | |
| Shale, soft, light-gray----- | 9 | 71 | |
| Shale, sandy, gray----- | 2 | 73 | |
| Sandstone, light-gray----- | 5 | 78 | |
| Shale, sandy, gray----- | 4 | 82 | |
| Sandstone with coal streaks----- | 2 | 84 | |
| Shale, sandy, and gray sandstone-- | 10 | 94 | |
| Shale, sandy, gray----- | 10.5 | 104.5 | |
| Sandstone, gray----- | 5.5 | 110 | |
| Limestone, brown----- | 1 | 111 | |
| Shale, sandy, medium-gray----- | 12.5 | 123.5 | |
| Coal----- | 2.5 | 126 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-21K1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|----------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Fire clay----- | 2 | 128 | |
| Sandstone, light-gray----- | 4 | 132 | W.B. |
| Limestone, brown----- | 1 | 133 | |
| Sandstone, gray----- | 9 | 142 | |

Well 8/6W-21P1

Type of record: Driller's log.

Altitude: About 570 feet.

| | | | |
|-----------------------------------|------|------|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 9 | 9 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Coal----- | 1 | 10 | |
| Slate, black----- | 5 | 15 | |
| Sandstone, gray----- | 1.5 | 16.5 | |
| Shale, sandy, gray----- | 10.5 | 27 | |
| Shale, dark----- | 4 | 31 | |
| Shale, sandy, gray----- | 4 | 35 | |
| Sandstone, gray----- | 13 | 48 | |
| Sandstone and coal----- | 2 | 50 | |
| Sandstone, dark-gray----- | 5 | 55 | |
| Shale, sandy, gray----- | 5 | 60 | |
| Shale, sandy, light-gray----- | 6 | 66 | |
| Shale, sandy, gray----- | 6 | 72 | |
| Sandstone, gray----- | 4 | 76 | |
| Shale, gray----- | 2 | 78 | |
| Sandstone, gray----- | 4 | 82 | |
| Shale, sandy, gray----- | 14 | 96 | |
| Sandstone, light-gray----- | 8 | 104 | |
| Shale, sandy, light-gray----- | 4 | 108 | |
| Shale, gray----- | 4 | 112 | |
| Limestone, gray----- | 1 | 113 | |
| Shale, dark-gray----- | 24 | 137 | |
| Coal----- | 1 | 138 | |
| Shale, sandy, light-gray----- | 3 | 141 | |
| Sandstone, light-gray----- | 3 | 144 | |
| Shale, sandy, brown and gray----- | 2 | 146 | |
| Shale, sandy, gray----- | 2 | 148 | |
| Shale, sandy, light-gray----- | 8 | 156 | |

Well 8/6W-22A1

Type of record: Driller's log.

Altitude: About 530 feet.

| | | | |
|--------------------------------|----|----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Soil----- | 18 | 18 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-22A1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-------------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, gray----- | 3 | 21 | |
| Coal----- | 1 | 22 | |
| Fire clay----- | 1 | 23 | |
| Shale, light-gray----- | 4 | 27 | |
| Shale, gray----- | 2 | 29 | |
| Sandstone, light-gray----- | 10 | 39 | |
| Shale, sandy, gray----- | 15 | 54 | |
| Shale, dark-gray----- | 8 | 62 | |
| Sandstone, light-gray----- | 6 | 68 | |
| Shale, gray----- | 6 | 74 | |
| Shale, dark-gray----- | 2.5 | 76.5 | |
| Coal----- | 3.5 | 80 | |
| Shale, brownish-gray----- | 4 | 84 | |
| Shale, sandy, light-gray----- | 2 | 86 | |
| Sandstone, light-gray----- | 4 | 90 | W.B. |

Well 8/6W-23K1

Type of record: Sample log of test hole
(examined by ?).

Altitude: About 529 feet.

| | | | |
|--|----|-----|--|
| No samples----- | 95 | 95 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, medium-soft, light-gray; pebbles----- | 5 | 100 | |
| Sandstone, medium-grain, sub- angular, white, trace of medium-gray, hard shale----- | 5 | 105 | |
| Sandstone, medium-grain, sub- angular, white, and light- gray, sandy shale; pyrite----- | 5 | 110 | |
| Shale, sandy, micaceous, light-gray----- | 5 | 115 | |
| Sandstone, shaly, micaceous, medium-soft, light-gray----- | 10 | 125 | |
| Sandstone, shaly, micaceous, medium-soft, light-gray; some glauconite; grades into sandy shale----- | 15 | 140 | |
| Shale, sandy, very micaceous, soft, light-gray----- | 20 | 160 | |
| Sandstone, coarse-to-fine grain, micaceous, hard, white to brown; pyrite----- | 10 | 170 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-23K1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, coarse-to-fine-grain, subrounded grains, micaceous, hard, white to brown; pyrite; trace of glauconite----- | 15 | 185 | |
| Shale, dense, carbonaceous, hard, black; hard, brown sandstone, 25%; pyrite----- | 11 | 196 | |
| Shale, medium-dense, micaceous, medium-gray----- | 13 | 209 | |
| Sandstone, subangular grains, friable, white; pyrite----- | 21 | 230 | |
| Sandstone, subangular grains, friable, medium-gray to brown; bornite?----- | 5 | 235 | |
| Shale, slightly sandy, mica- ceous, soft, light-gray----- | 40 | 275 | |
| Sandstone, subrounded grains, medium-hard, white to brown; pyrite; glauconite----- | 20 | 295 | |
| Shale, sandy, micaceous, soft, light-gray----- | 10 | 305 | |
| Sandstone, fine-grain, medium- hard, light-gray to brown----- | 5 | 310 | |
| Shale, sandy, micaceous, medium-hard, light-gray----- | 5 | 315 | |
| Sandstone, fine-grain, medium- hard, light-gray to white; pyrite----- | 50 | 365 | |
| Sandstone, fine-grain, medium- hard, medium-gray to brown; pyrite; trace of bornite and glauconite----- | 25 | 390 | |
| Sandstone, fine-grain, medium- hard, white to light-gray; pyrite; trace of bornite----- | 15 | 405 | |
| Shale, slightly sandy, mica- ceous, soft, medium-gray; pyrite----- | 15 | 420 | |
| Mississippian system: | | | |
| Chester series: | | | |
| Limestone, medium-crystalline, hard, light-gray; pyrite----- | 5 | 425 | |
| Shale, medium-soft, very pyritic, medium-gray, 60%; light-gray, medium-crystalline, hard limestone; pyrite, 40%----- | 10 | 435 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-23K1--Continued

| Material | Thick-ness (feet) | Depth (feet) | Remarks |
|--|----------------------|-----------------|------------------|
| Mississippian system: Chester series: Limestone, medium-crystalline to dense, oolitic (oolites small), hard, light-gray to white, trace of selenite----- | 10 | 445 | T.D. 1,695 feet. |

Well 8/6W-23N1

Type of record: Driller's log.

Altitude: About 550 feet.

| | | | |
|---|------|-------|------|
| Quaternary system: Recent and Pleistocene series: Soil----- | 13 | 13 | |
| Sand, brown----- | 5 | 18 | |
| Pennsylvanian system: Lower series: Sandstone, gray----- | 10 | 28 | |
| Shale, sandy, gray----- | 5 | 33 | |
| Shale, gray----- | 13 | 46 | |
| Sandstone, gray----- | 3 | 49 | |
| Shale, sandy, gray----- | 2 | 51 | |
| Sandstone, light-gray----- | 2 | 53 | |
| Shale, dark-gray----- | 2 | 55 | |
| Sandstone, light-gray----- | 11 | 66 | |
| Shale, dark-gray----- | 1 | 67 | |
| Sandstone, gray----- | 1 | 68 | |
| Shale, dark-gray----- | 4 | 72 | |
| Shale, sandy, gray----- | 13 | 85 | |
| Sandstone, gray----- | 10 | 95 | |
| Sandstone, dark-gray----- | 7 | 102 | |
| Shale, brownish-gray----- | 1 | 103 | |
| Sandstone, gray----- | 2 | 105 | |
| Coal----- | .5 | 105.5 | |
| Fire clay----- | 1.5 | 107 | |
| Sandstone, gray----- | 3 | 110 | |
| Shale, dark-gray----- | 5 | 115 | |
| Shale, gray----- | 12.5 | 127.5 | |
| Coal----- | 1 | 128.5 | |
| Sandstone, hard, gray----- | 3.5 | 132 | |
| Sandstone, hard, light-gray----- | 5 | 137 | |
| Coal----- | .5 | 137.5 | |
| Fire clay----- | 1 | 138.5 | |
| Shale, sandy, light-gray----- | 8.5 | 147 | |
| Limestone, brownish-gray----- | 1 | 148 | |
| Shale, fire clay, and coal----- | 2 | 150 | |
| Shale, sandy, gray----- | 2 | 152 | |
| Coal----- | 2 | 154 | W.B. |
| Fire clay----- | 1 | 155 | |
| Shale, sandy, gray----- | 4 | 159 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-24E1

Type of record: Driller's log.

Altitude: About 565 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 14 | 14 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone----- | 14 | 28 | |
| Shale, dark----- | 3 | 31 | |
| Coal----- | 2 | 33 | |
| Shale, gray----- | 23 | 56 | |
| Coal----- | 2.5 | 58.5 | |
| Shale----- | 45.5 | 104 | |
| Coal----- | 2 | 106 | W.B. |
| Shale----- | 24 | 130 | |

Well 8/6W-26B1

Type of record: Driller's log.

Altitude: About 600 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 18 | 18 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, red----- | 2 | 20 | |
| Sandstone, gray----- | 28 | 48 | |
| Shale, sandy, gray----- | 5 | 53 | |
| Sandstone, hard, gray----- | 11 | 64 | |
| Shale, sandy, gray----- | 8 | 72 | |
| Sandstone, white----- | 10 | 82 | W.B. |
| Shale, sandy, gray----- | 13 | 95 | |
| Sandstone, white----- | 5 | 100 | |
| Coal----- | 1 | 101 | |
| Shale, sandy, gray----- | 27 | 128 | |
| Sandstone, white----- | 22 | 150 | |
| Shale, gray----- | 6 | 156 | |
| Limestone----- | 6 | 162 | |
| Shale, sandy, blue----- | 10 | 172 | |
| Coal----- | 1 | 173 | |
| Shale, sandy, blue----- | 38 | 211 | |
| Sandstone, gray, with coal streaks----- | 23 | 234 | W.B. |

Well 8/6W-26J1

Type of record: Driller's log.

Altitude: About 630 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 18 | 18 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-26J1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale----- | 20 | 38 | |
| Sandstone----- | 5 | 43 | |
| Coal----- | 2 | 45 | |
| Fire clay----- | 25 | 70 | |
| Shale, black----- | 5 | 75 | |
| Fire clay----- | 13 | 88 | |
| Sandstone----- | .1 | 89 | |
| Shale, black----- | 7 | 96 | |
| Sandstone----- | 18 | 114 | |
| Shale, black----- | 38 | 152 | |
| Shale, white----- | 19 | 171 | |
| Shale, sandy, white----- | 12 | 183 | |
| Shale, gray----- | 12 | 195 | |
| Sandstone, white----- | 18 | 213 | W.B. |

Well 8/6W-26M1

Type of record: Driller's log.

Altitude: About 605 feet.

| | | | |
|--------------------------------|----|-----|-----------------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 12 | 12 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone----- | 10 | 22 | |
| Shale, gray----- | 39 | 61 | |
| Sandstone----- | 6 | 67 | |
| Shale, gray----- | 33 | 100 | |
| Shale, sandy----- | 60 | 160 | W.B. 150 to 160 feet. |
| Shale, gray----- | 35 | 195 | |
| Shale, black----- | 5 | 200 | |
| Shale, gray----- | 15 | 215 | |
| Sandstone----- | 15 | 230 | |

Well 8/6W-27N1

Type of record: Driller's log.

Altitude: About 580 feet.

| | | | |
|--------------------------------|-----|------|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 4 | 4 | |
| Hardpan----- | 6 | 10 | |
| Clay, sandy, yellow----- | 7 | 17 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, light-gray----- | 7 | 24 | |
| Coal----- | .5 | 24.5 | |
| Shale, gray----- | 5.5 | 30 | |
| Coal----- | 1 | 31 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-27N1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|----------------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Fire clay----- | 1 | 32 | |
| Shale, light-gray----- | 5 | 37 | |
| Shale, gray----- | 4.5 | 41.5 | |
| Shale, sandy, light-gray----- | 3.5 | 45 | |
| Shale, sandy, hard, dark-gray--- | 3 | 48 | |
| Shale, sandy, light-gray----- | 5 | 53 | |
| Shale, gray----- | 5.5 | 58.5 | |
| Shale, sandy, gray----- | 4 | 62.5 | |
| Coal----- | .5 | 63 | |
| Fire clay----- | 3 | 66 | |
| Shale, sandy, light-gray----- | 17 | 83 | |
| Shale, gray----- | 2 | 85 | |
| Coal----- | 1.5 | 86.5 | |
| Fire clay----- | 1.5 | 88 | |
| Shale, sandy, gray----- | 6 | 94 | |
| Shale, sandy, light-gray----- | 7 | 101 | |
| Shale, sandy, gray----- | 28 | 129 | |
| Coal----- | 4.5 | 133.5 | |
| Fire clay----- | 2.5 | 136 | |
| Shale, sandy, light-gray----- | 3 | 139 | |
| Shale, sandy, gray----- | 3 | 142 | |
| Sandstone, light-gray----- | 4.5 | 146.5 | W.B. |
| Shale, sandy, gray----- | 3.5 | 150 | |

Well 8/6W-28P1

Type of record: Driller's log.

Altitude: About 560 feet.

| | | | |
|-----------------------------------|------|-------|--|
| Quaternary system: | | | |
| Recent and Pleistocene? series: | | | |
| Soil and shale----- | 20 | 20 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, soft----- | 10 | 30 | |
| Coal----- | .5 | 30.5 | |
| Shale----- | 70 | 100.5 | |
| Sandstone, dark, trace of coal--- | 10 | 110.5 | |
| Shale----- | 33.5 | 144 | |

Well 8/6W-28Q1

Type of record: Driller's log.

Altitude: About 560 feet.

| | | | |
|--------------------------------|------|-----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 9.5 | 9.5 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, yellow----- | 11.5 | 21 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-28Q1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|------------------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, soft, gray----- | 10 | 31 | |
| Coal----- | 1 | 32 | |
| Fire clay, and light-gray shale--- | 6 | 38 | |
| Coal----- | .5 | 38.5 | |
| Sandstone, hard, gray----- | 1.5 | 40 | |
| Sandstone, light-gray----- | 6 | 46 | |
| Sandstone, soft, light-gray----- | 2 | 48 | |
| Shale, sandy, gray----- | 29 | 77 | |
| Sandstone, light-gray----- | 19 | 96 | |
| Shale, dark-gray----- | 7 | 103 | |
| Coal, trace----- | --- | 103 | |
| Fire clay----- | 2 | 105 | |
| Shale, sandy, light-gray----- | 7 | 112 | |
| Shale, sandy, gray----- | 5 | 117 | |
| Sandstone, gray----- | 3 | 120 | |
| Shale, sandy, gray----- | 8 | 128 | |
| Coal----- | 2.5 | 130.5 | W.B. |
| Fire clay----- | 1.5 | 132 | W.B. |
| Shale, sandy, light-gray----- | 7 | 139 | |
| Shale, sandy, gray----- | 7 | 146 | |

Well 8/6W-30D1

Type of record: Driller's log.

Altitude: About 525 feet.

| | | | |
|--------------------------------|----|----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Fill----- | 5 | 5 | |
| Top soil----- | 9 | 14 | |
| Muck, blue----- | 1 | 15 | |
| Sand and gravel----- | 17 | 32 | W.B. |

Well 8/6W-31E1

Type of record: Driller's log.

Altitude: About 540 feet.

| | | | |
|--------------------------------|----|-----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay----- | 14 | 14 | |
| Boulder----- | 1 | 15 | |
| Pennsylvanian system: | | | |
| Middle? series: | | | |
| Shale, gray----- | 3 | 18 | W.B. |
| Lower? series: | | | |
| Limestone----- | 17 | 35 | |
| Slate, black----- | 6 | 41 | |
| Coal----- | 1 | 42 | |
| Sandstone----- | 43 | 85 | |
| Shale, sandy, broken----- | 15 | 100 | W.B. |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/6W-31M1

Type of record: Driller's log.

Altitude: About 550 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 10 | 10 | |
| Pennsylvanian system: | | | |
| Middle? series: | | | |
| Shale, gray----- | 10 | 20 | |
| Lower? series: | | | |
| Limestone----- | 2 | 22 | |
| Slate, black----- | 6 | 28 | |
| Coal----- | 2.5 | 30.5 | |
| Fire clay----- | 2.5 | 33 | |
| Coal----- | 3 | 36 | |
| Shale, sandy, gray----- | 18 | 54 | |
| Sandstone----- | 4 | 58 | |
| Shale, sandy, gray----- | 22 | 80 | |
| Sandstone----- | 30 | 110 | |
| Shale, gray----- | 15 | 125 | |
| Sandstone, white----- | 15 | 140 | |
| Shale, sandy, dark----- | 22 | 162 | |
| Sandstone----- | 23 | 185 | W.B. |
| Shale, sandy, gray----- | 20 | 205 | |
| Shale, gray----- | 10 | 215 | |

Well 8/6W-36P1

Type of record: Driller's log.

Altitude: About 520 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|------------------------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 12 | 12 | |
| Sand, clay, and gravel----- | 28 | 40 | |
| Sand, gray----- | 22 | 62 | Trace of coal at 56 feet. |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, sandy, gray----- | 2 | 64 | |
| Sandstone, gray----- | 1 | 65 | |
| Shale, sandy, gray----- | 59 | 124 | |
| Shale, sandy, medium-gray----- | 22 | 146 | W.B. |

Well 8/7W-1D1

Type of record: Driller's log.

Altitude: About 530 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 20 | 20 | |
| Pennsylvanian system: | | | |
| Lower? series: | | | |
| Limestone----- | 10 | 30 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-1D1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-----------------------|--------------------------|-----------------|-------------------------------|
| Pennsylvanian system: | | | |
| Lower? series: | | | |
| Hardpan----- | 23 | 53 | Shale with con- cretion(?) |
| Sandstone----- | 7 | 60 | |
| Shale, dark----- | 4 | 64 | |
| Shale, light----- | 3 | 67 | |
| Sandstone----- | 7 | 74 | |
| Shale, dark----- | 6 | 80 | |
| Sandstone----- | 20 | 100 | |

Well 8/7W-2M1

Type of record: Driller's log.

Altitude: About 540 feet.

| | | | |
|---|------|-------|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface and clay----- | 16 | 16 | |
| Muck, blue----- | 39 | 55 | |
| Muck, blue, with gravel, wood, and vegetation----- | 3 | 58 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, gray----- | 24 | 82 | W.B. |
| Clay, fine, blue----- | 5 | 87 | |
| Sandstone, gray----- | 44.5 | 131.5 | W.B. |
| Coal----- | 2.5 | 134 | |
| Clay, fine----- | 1 | 135 | |
| Sandstone, hard----- | 5 | 140 | |
| Shale, black----- | 1.3 | 141.3 | |
| Coal----- | .2 | 141.5 | |
| Fire clay, dirty----- | .5 | 142 | |
| Sandstone----- | 4 | 146 | |

Well 8/7W-2N1

Type of record: Driller's log.

Altitude: About 560 feet.

| | | | |
|--------------------------------|----|-----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay and hardpan----- | 15 | 15 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Slate and coal----- | 4 | 19 | |
| Fire clay----- | 4 | 23 | |
| Sandstone----- | 11 | 34 | |
| Shale, soft, gray----- | 8 | 42 | |
| Lower? series: | | | |
| Shale, sandy----- | 31 | 73 | |
| Sandstone----- | 50 | 123 | W.B. |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-2P1

Type of record: Driller's log.

Altitude: About 565 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay, yellow----- | 15 | 15 | |
| Hardpan----- | 13 | 28 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, soft----- | 9 | 37 | |
| Sandstone----- | 5 | 42 | |
| Lower? series: | | | |
| Shale, soft, gray----- | 8 | 50 | |
| Shale, sandy----- | 32 | 82 | |
| Sandstone----- | 39 | 121 | W.B. |

Well 8/7W-2P2

Type of record: Driller's log.

Altitude: About 565 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay----- | 15 | 15 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 15 | 30 | |
| Shale----- | 6 | 36 | |
| Coal----- | 2 | 38 | |
| Fire clay, blue----- | 12 | 50 | |
| Sandstone----- | 25 | 75 | W.B. |
| Lower series: | | | |
| Shale----- | 25 | 100 | |
| Sandstone----- | 30 | 130 | W.B. |
| Shale, soft, blue----- | 20 | 150 | |
| Sandstone----- | 20 | 170 | W.B. |
| Shale, soft, blue----- | 112 | 282 | |
| Coal----- | 4 | 286 | |
| Shale, soft, white----- | 19 | 305 | |
| Sandstone----- | 23 | 328 | |
| Shale----- | 10 | 338 | |
| Sandstone----- | 14 | 352 | W.B. |
| Shale----- | 56 | 408 | |
| Sandstone----- | 44 | 452 | |
| Shale, blue----- | 68 | 520 | |
| Sandstone----- | 60 | 580 | W.B. |
| Shale----- | 6 | 586 | |
| Mississippian? system: | | | |
| Chester? series: | | | |
| Limestone----- | 57 | 643 | |
| Shale----- | 10 | 653 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-2Q1

Type of record: Driller's log. Altitude: About 590 feet.

| Material | Thick-ness (feet) | Depth (feet) | Remarks |
|--------------------------------|-------------------|--------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Soil and clay----- | 14 | 14 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 22 | 36 | W.B. |
| Slate, blue, and coal----- | 4 | 40 | |
| Sandstone----- | 8 | 48 | W.B. |
| Shale, dark----- | 7 | 55 | |
| Sandstone----- | 8 | 63 | W.B. |

Well 8/7W-3J1

Type of record: Driller's log. Altitude: About 560 feet.

| Material | Thick-ness (feet) | Depth (feet) | Remarks |
|----------------------------------|-------------------|--------------|---------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 18 | 18 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone, brown----- | 7 | 25 | W.B. |
| Shale, soft, gray and yellow---- | 62 | 87 | |
| Lower series: | | | |
| Shale, sandy----- | 10 | 97 | |
| Shale, gray----- | 68 | 165 | |
| Shale, sandy----- | 15 | 180 | |
| Shale, gray----- | 21 | 201 | |
| Slate----- | 3 | 204 | |
| Coal----- | 2 | 206 | |
| Shale----- | 66 | 272 | |
| Sandstone, white----- | 28 | 300 | Saline water. |

Well 8/7W-3R1

Type of record: Driller's log. Altitude: About 565 feet.

| Material | Thick-ness (feet) | Depth (feet) | Remarks |
|--------------------------------|-------------------|--------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 20 | 20 | |
| Hardpan----- | 10 | 30 | |
| Pennsylvanian system: | | | |
| Middle? series: | | | |
| Shale, soft, brown----- | 35 | 65 | |
| Lower? series: | | | |
| Shale, blue----- | 5 | 70 | |
| Shale, light----- | 1 | 71 | |
| Shale, dark----- | 12 | 83 | |
| Sandstone----- | 42 | 125 | W.B. |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-411

Type of record: Driller's log.

Altitudes About 605 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--|--------------------------|-----------------|------------------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Soil----- | 15 | 15 | |
| Sand, yellow----- | 5 | 20 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Soapstone----- | 2 | 22 | Siltstone? |
| Sandstone, blue----- | 6 | 28 | |
| Soapstone, blue----- | 2 | 30 | Siltstone? |
| Sandstone, brown----- | 14 | 44 | |
| Slate, black----- | 3 | 47 | |
| Limestone, hard, black----- | 1 | 48 | |
| Slate, black----- | 3 | 51 | W.B. |
| Shale, white, and light soapstone----- | 16 | 67 | Shale and siltstone(?) |
| Sandstone, soft----- | 21 | 88 | |
| Coal and blackjack----- | 6 | 94 | |
| Shale, sandy----- | 8 | 102 | |
| Shale, brown----- | 8 | 110 | |
| Slate, black----- | 9 | 119 | |
| Shale, brown----- | 3 | 122 | |
| Fire clay----- | 12 | 134 | |
| Sandstone----- | 7 | 141 | "Alkaline water". |
| Coal----- | 3 | 144 | |
| Shale, brown----- | 2 | 146 | |
| Slate, brown----- | 29 | 175 | |
| Sandstone----- | 6 | 181 | |
| Shale, light----- | 14 | 195 | |
| Lower? series: | | | |
| Slate, black, and coal----- | 6 | 201 | |
| Shale, brown----- | 3 | 204 | |
| Limestone, brown----- | 5 | 209 | |
| Shale, brown----- | 42 | 251 | |
| Coal----- | 4 | 255 | |
| Slate, brown----- | 9 | 264 | |
| Mud, dark----- | 3 | 267 | |
| Shale, brown----- | 11 | 278 | |
| Sandstone, brown----- | 4 | 282 | |
| Shale, brown----- | 3 | 285 | |
| Sandstone, brown----- | 10 | 295 | |
| Limestone, brown----- | 9 | 304 | |
| Shale, brown----- | 26 | 330 | |
| Soapstone, light----- | 2 | 332 | Siltstone? |
| Sandstone, white----- | 5 | 337 | |
| Soapstone, white----- | 4 | 341 | Siltstone? |
| Shale, brown----- | 3 | 344 | |
| Slate, black----- | 6 | 350 | |
| Shale, brown----- | 16 | 366 | |
| Slate, black----- | 6 | 372 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-4L1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-----------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower? series: | | | |
| Limestone, dark----- | 12 | 384 | |
| Shale, brown----- | 10 | 394 | |

Well 8/7W-5E1

Type of record: Driller's log.

Altitude: About 595 feet.

| | | | |
|--------------------------------|----|-----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 14 | 14 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 8 | 22 | |
| Mud----- | 9 | 31 | |
| Shale, gray----- | 17 | 48 | |
| Sandstone----- | 79 | 127 | |
| Coal----- | 3 | 130 | |
| Shale, gray----- | 4 | 134 | |
| Shale, sandy----- | 8 | 142 | |
| Shale, gray----- | 10 | 152 | |
| Slate----- | 4 | 156 | |
| Shale, sandy----- | 4 | 160 | |

Well 8/7W-5F1

Type of record: Driller's log.

Altitude: About 605 feet.

| | | | |
|----------------------------------|----|-----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 15 | 15 | |
| Sand----- | 3 | 18 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Rock----- | 1 | 19 | |
| Shale, sandy, gray----- | 28 | 47 | |
| Shale, sandy, blue----- | 5 | 52 | |
| Shale, blue----- | 4 | 56 | |
| Shale, sandy, gray----- | 4 | 60 | |
| Sandstone, gray----- | 7 | 67 | |
| Shale, sandy, gray----- | 18 | 85 | |
| Sandstone, gray----- | 2 | 87 | |
| Shale, sandy, gray----- | 28 | 115 | |
| Sandstone, hard, light-gray----- | 5 | 120 | |
| Shale, sandy, gray----- | 6 | 126 | |
| Sandstone, soft, light-gray----- | 22 | 148 | |
| Sandstone, gray----- | 3 | 151 | |
| Mine opening----- | 4 | 155 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-7D1

Type of record: Driller's log.

Altitude: About 565 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 12 | 12 | |
| Clay, gray----- | 6 | 18 | |
| Clay, soft, with gravel----- | 8 | 26 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, gray----- | 14 | 40 | |
| Coal----- | 1 | 41 | |
| Shale, gray----- | 20 | 61 | |
| Shale, sandy----- | 6 | 67 | |
| Shale, gray----- | 45 | 112 | |
| Sandstone----- | 6 | 118 | W.B. |
| Shale, gray----- | 12 | 130 | |

Well 8/7W-10N1

Type of record: Driller's log.

Altitude: About 620 feet.

| | | | |
|--------------------------------|-----|------|---------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface and hardpan----- | 29 | 29 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 5 | 34 | |
| Shale, sandy----- | 7 | 41 | |
| Shale, gray----- | 17 | 58 | |
| Slate, black----- | 5.5 | 63.5 | |
| Fire clay----- | 4.5 | 68 | |
| Shale, gray----- | 5 | 73 | |
| Shale, sandy----- | 5 | 78 | |
| Shale, gray----- | 4 | 82 | |
| Shale, sandy----- | 6 | 88 | |
| Mine opening and rubble----- | 24 | 112 | |
| Shale bottoms----- | 2 | 114 | Shale debris. |
| Shale, sandy----- | 2 | 116 | |
| Sandstone----- | 3 | 119 | |
| Shale, gray----- | 13 | 132 | |
| Slate, black----- | 7 | 139 | |
| Fire clay----- | 13 | 152 | |
| Shale, hard----- | 1 | 153 | |
| Shale, sandy----- | 4 | 157 | |
| Shale, gray----- | 2 | 159 | |
| Shale, sandy----- | 2 | 161 | |
| Sandstone----- | 5 | 166 | |
| Shale, blue----- | 3 | 169 | |
| Coal and dirty band----- | 8 | 177 | W.B. |
| Fire clay----- | 3 | 180 | |
| Shale, gray----- | 7 | 187 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-10N5

Type of record: Driller's log.

Altitude: About 620 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|---------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 20 | 20 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, gray----- | 31 | 51 | |
| Slate, black----- | 3 | 54 | |
| Coal----- | 3 | 57 | |
| Fire clay----- | 3 | 60 | |
| Shale, soft, gray----- | 7 | 67 | |
| Sandstone----- | 2 | 69 | |
| Shale, sandy, gray----- | 20 | 89 | |
| Shale, gray----- | 5 | 94 | |
| Slate, black----- | 3 | 97 | |
| Coal----- | 2.5 | 99.5 | |
| Fire clay----- | 2.5 | 102 | |
| Sandstone----- | 8 | 110 | |
| Shale, hard, dark----- | 18 | 128 | |
| Slate, black----- | 4 | 132 | |
| Coal----- | 1 | 133 | |
| Fire clay----- | 2 | 135 | |
| Sandstone, and sandy shale----- | 17 | 152 | |
| Slate, black----- | 4 | 156 | |
| Coal----- | 5 | 161 | W.B. |
| Fire clay----- | 1 | 162 | |

Well 8/7W-10P1

Type of record: Driller's log.

Altitude: About 630 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 12 | 12 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 6 | 18 | |
| Shale, gray----- | 24 | 42 | |
| Coal, trace----- | ---- | 42 | |
| Fire clay----- | 4 | 46 | |
| Shale, gray----- | 34 | 80 | |
| Coal----- | 3 | 83 | |
| Shale, sandy----- | 7 | 90 | |
| Shale, gray----- | 30 | 120 | |
| Shale, sandy----- | 5 | 125 | |
| Shale, gray----- | 15 | 140 | |
| Coal, trace----- | ---- | 140 | |
| Shale, gray----- | 6 | 146 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-10R1

Type of record: Driller's log. Altitude: About 660 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|-----------------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 10 | 10 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy----- | 30 | 40 | |
| Shale, gray----- | 20 | 60 | |
| Slate, black----- | 5 | 65 | |
| Coal----- | 1 | 66 | |
| Fire clay----- | 3 | 69 | |
| Shale, gray----- | 23 | 92 | |
| Fire clay and shale----- | 18 | 110 | W.B., old mine works. |
| Sandstone----- | 15 | 125 | |
| Shale, gray----- | 8 | 133 | |
| Slate, black----- | 3 | 136 | |
| Coal----- | 1 | 137 | |
| Fire clay and shale----- | 10 | 147 | |
| Sandstone----- | 23 | 170 | W.B. |
| Shale, dark----- | 5 | 175 | |
| Coal----- | 5 | 180 | |
| Fire clay and shale----- | 5 | 185 | |

Well 8/7W-11C1

Type of record: Driller's log. Altitude: About 560 feet.

| | | | |
|--------------------------------|----|----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface and clay----- | 9 | 9 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 16 | 25 | W.B. |
| Slate, blue, and coal----- | 5 | 30 | |
| Fire clay----- | 3 | 33 | |
| Sandstone, gray----- | 12 | 45 | W.B. |
| Shale, dark----- | 3 | 48 | |
| Sandstone, white----- | 10 | 58 | W.B. |
| Shale, light----- | 5 | 63 | |

Well 8/7W-13D1

Type of record: Driller's log. Altitude: About 545 feet.

| | | | |
|--------------------------------|----|----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 15 | 15 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy----- | 5 | 20 | |
| Shale, gray----- | 27 | 47 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

| Well 8/7W-13D1--Continued | | | |
|---------------------------|--------------------------|-----------------|---------|
| Material | Thick- ness (feet) | Depth (feet) | Remarks |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Slate, black----- | 5 | 52 | |
| Fire clay----- | 4 | 56 | |
| Shale, gray----- | 7 | 63 | |
| Sandstone----- | 46 | 109 | W.B. |

Well 8/7W-13E1

Type of record: Driller's log.

Altitude: About 545 feet.

| | | | |
|--------------------------------|------|------|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface and sand----- | 18 | 18 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, gray----- | 24 | 42 | |
| Steel band----- | 1.5 | 43.5 | |
| Slate, black----- | 3 | 46.5 | |
| Shale, gray----- | 22.5 | 69 | |
| Sandstone----- | 30 | 99 | |
| Shale, gray----- | 12 | 111 | |
| Sandstone----- | 5 | 116 | W.B. |

Well 8/7W-13R1

Type of record: Driller's log.

Altitude: About 560 feet.

| | | | |
|--------------------------------|-----|-----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 14 | 14 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 3 | 17 | |
| Fire clay----- | 4 | 21 | |
| Shale, light-gray----- | 19 | 40 | |
| Shale, dark-gray----- | 14 | 54 | |
| Coal, trace----- | --- | 54 | |
| Shale, gray----- | 10 | 64 | |
| Shale, sandy----- | 23 | 87 | |
| Sandstone----- | 38 | 125 | W.B. |

Well 8/7W-14B1

Type of record: Driller's log.

Altitude: About 590 feet.

| | | | |
|--------------------------------|----|----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 18 | 18 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy----- | 7 | 25 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-14B1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, gray----- | 13 | 38 | |
| Slate, black----- | 5 | 43 | |
| Fire clay and shale----- | 7 | 50 | |
| Sandstone----- | 31 | 81 | |
| Shale, sandy, dark----- | 3 | 84 | |
| Coal----- | 1 | 85 | |
| Fire clay----- | 2 | 87 | |
| Coal----- | 2 | 89 | |
| Fire clay and shale----- | 10 | 99 | |
| Sandstone----- | 3 | 102 | |
| Shale, sandy, gray----- | 9 | 111 | |
| Slate, black----- | 6 | 117 | W.B. |
| Coal----- | 5 | 122 | W.B. |
| Fire clay----- | 2 | 124 | |
| Shale, gray----- | 6 | 130 | |

Well 8/7W-15A1

| Type of record: Driller's log. | | Altitude: About 660 feet. | |
|--------------------------------|-----|---------------------------|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 26 | 26 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy, gray----- | 21 | 47 | |
| Shale, soft, gray----- | 12 | 59 | |
| Slate, black----- | 5 | 64 | |
| Coal----- | 1 | 65 | |
| Fire clay----- | 3 | 68 | |
| Shale, gray----- | 22 | 90 | |
| Mine opening----- | 4 | 94 | |
| Fire clay----- | 2 | 96 | |
| Shale, soft----- | 12 | 108 | |
| Sandstone, white----- | 15 | 123 | |
| Shale, hard, gray----- | 5 | 128 | |
| Slate, black----- | 4 | 132 | |
| Coal----- | 1 | 133 | |
| Shale, sandy, gray----- | 10 | 143 | |
| Sandstone, white----- | 26 | 169 | W.B. |
| Coal----- | --- | 169 | |

Well 8/7W-15E1

| Type of record: Driller's log. | | Altitude: About 630 feet. | |
|--------------------------------|----|---------------------------|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 12 | 12 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-15E1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-----------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy----- | 12 | 24 | |
| Sandstone----- | 32 | 56 | |
| Shale, gray----- | 5 | 61 | |
| Sandstone----- | 5 | 66 | |
| Shale----- | 4 | 70 | |
| Steel band----- | 2.5 | 72.5 | |
| Slate, black----- | 2 | 74.5 | |
| Coal----- | 2 | 76.5 | |
| Fire clay----- | 5.5 | 82 | |
| Shale, white----- | 8 | 90 | |
| Sandstone, white----- | 3 | 93 | |
| Shale----- | 25 | 118 | |
| Coal----- | 3 | 121 | |
| Fire clay----- | 1 | 122 | |
| Shale----- | 23 | 145 | |
| Slate, black----- | 6 | 151 | |
| Fire clay----- | 9 | 160 | |
| Sandstone----- | 5 | 165 | |
| Shale----- | 1 | 166 | |
| Coal----- | 6.5 | 172.5 | W.B. |
| Fire clay----- | 2.5 | 175 | |
| Shale, sandy----- | 8 | 183 | |

Well 8/7W-15F1

Type of record: Driller's log.

Altitude: About 610 feet.

| | | | |
|--------------------------------|----|----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface and clay----- | 14 | 14 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Slate, black----- | 3 | 17 | |
| Coal----- | 2 | 19 | |
| Fire clay----- | 3 | 22 | |
| Sandstone and shale----- | 15 | 37 | |
| Slate, dark----- | 22 | 59 | |
| Coal----- | 1 | 60 | |

Well 8/7W-16A1

Type of record: Driller's log.

Altitude: About 620 feet.

| | | | |
|--------------------------------|----|----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 20 | 20 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, gray----- | 10 | 30 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

| Well 8/7W-16A1--Continued | | | |
|-----------------------------|--------------------------|-----------------|---------|
| Material | Thick- ness (feet) | Depth (feet) | Remarks |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 5 | 35 | |
| Shale, gray----- | 20 | 55 | |
| Slate, black----- | 5 | 60 | |
| Coal----- | 2 | 62 | |
| Fire clay and shale----- | 7 | 69 | |
| Sandstone----- | 26 | 95 | |
| Shale, gray----- | 5 | 100 | |
| Slate, black----- | 2 | 102 | |
| Coal----- | 3 | 105 | |
| Fire clay----- | 2 | 107 | |
| Sandstone----- | 8 | 115 | |
| Shale, gray----- | 13 | 128 | |
| Slate, black----- | 5 | 133 | |
| Coal----- | 1 | 134 | |
| Fire clay----- | 3 | 137 | |
| Shale, sandy, and rock----- | 18 | 155 | |
| Slate, black----- | 3 | 158 | |
| Coal----- | 5 | 163 | W.B. |
| Fire clay----- | 2 | 165 | |
| Shale, gray----- | 5 | 170 | |

| Well 8/7W-16C1 | | | |
|--------------------------------|------|-----|------------------------------------|
| Type of record: Driller's log. | | | Altitude: About 650 feet. |
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 16 | 16 | |
| Mud----- | 6 | 22 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Slate----- | 6 | 28 | |
| Limestone, blue----- | 5 | 33 | |
| Shale, gray----- | 4 | 37 | |
| Slate, black----- | 17 | 54 | |
| Shale, sandy----- | 3 | 57 | |
| Sandstone----- | 7 | 64 | |
| Shale, soft, gray----- | 9 | 73 | |
| Slate----- | 5 | 78 | |
| Coal----- | 3 | 81 | |
| Shale----- | 4 | 85 | |
| Shale, sandy----- | 20 | 105 | |
| Shale and gravel----- | 10 | 115 | W.B., shale with concretions(?) |
| Shale, gray----- | ---- | 115 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-16C2

Type of record: Driller's log.

Altitude: About 650 feet.

| Material | Thick-ness (feet) | Depth (feet) | Remarks |
|--------------------------------|----------------------|-----------------|------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 22 | 22 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Limestone----- | 2.5 | 24.5 | |
| Shale----- | 1.5 | 26 | |
| Limestone----- | 7.5 | 33.5 | |
| Slate, black----- | 4.5 | 38 | |
| Coal----- | 3 | 41 | |
| Dirty band----- | 1 | 42 | |
| Coal----- | 3 | 45 | |
| Shale, blue----- | 4 | 49 | |
| Shale, gray----- | 3 | 52 | |
| Sandstone----- | 20 | 72 | |
| Shale, gray----- | 10 | 82 | |
| Steel band----- | 2.5 | 84.5 | |
| Slate, black----- | 3 | 87.5 | |
| Coal----- | 1.5 | 89 | |
| Fire clay----- | 4 | 93 | |
| Shale, sandy----- | 13.5 | 106.5 | |
| Sandstone, gray----- | 5.5 | 112 | |
| Shale, gray----- | 6 | 118 | |
| Sandstone----- | 5 | 123 | |
| Shale----- | 5 | 128 | |
| Coal----- | 4 | 132 | |
| Bottoms----- | 4 | 136 | Fire clay? |
| Sandstone----- | 7 | 143 | |
| Shale----- | 15 | 158 | |
| Slate, black----- | 6 | 164 | |
| Fire clay----- | 12.5 | 176.5 | |
| Sandstone----- | 3.5 | 180 | |
| Shale----- | 4 | 184 | |
| Coal----- | 4.5 | 188.5 | W.B. |
| Fire clay----- | 2.5 | 191 | |
| Shale, white----- | 9 | 200 | |

Well 8/7W-16H1

Type of record: Driller's log.

Altitude: About 645 feet.

| | | | |
|--------------------------------|------|----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 12 | 12 | |
| Hardpan----- | 10 | 22 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 25 | 47 | |
| Coal, trace----- | ---- | 47 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

| Well 8/7W-16H1--Continued | | | |
|---------------------------|--------------------------|-----------------|---------|
| Material | Thick- ness (feet) | Depth (feet) | Remarks |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy----- | 4 | 51 | |
| Shale, gray----- | 5 | 56 | |
| Shale, sandy----- | 9.5 | 65.5 | |
| Slate, black----- | 1.5 | 67 | |
| Steel band----- | 2 | 69 | |
| Slate, black----- | 2 | 71 | |
| Coal----- | 2.5 | 73.5 | |
| Fire clay----- | 3.5 | 77 | |
| Shale, gray----- | 38 | 115 | |
| Coal----- | 3 | 118 | |
| Fire clay----- | 1 | 119 | |
| Shale, gray----- | 17 | 136 | |
| Slate, black----- | 9 | 145 | |
| Fire clay----- | 12.5 | 157.5 | |
| Sandstone----- | 2.5 | 160 | |
| Shale, dark-gray----- | 2 | 162 | |
| Coal with dirty band----- | 7 | 169 | W.B. |
| Shale, gray----- | 12 | 181 | |
| Shale, sandy----- | 4 | 185 | |

Well 8/7W-16R1

Type of record: Driller's log.

Altitude: About 610 feet.

| | | | |
|--------------------------------|----|-----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 22 | 22 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, gray----- | 25 | 47 | |
| Slate, black----- | 6 | 53 | |
| Coal----- | 3 | 56 | |
| Fire clay----- | 2 | 58 | |
| Shale, gray----- | 3 | 61 | |
| Sandstone----- | 5 | 66 | |
| Shale, sandy, gray----- | 13 | 79 | |
| Sandstone----- | 11 | 90 | |
| Shale, dark----- | 5 | 95 | |
| Slate, black----- | 3 | 98 | |
| Coal----- | 3 | 101 | |
| Shale, sandy----- | 4 | 105 | |
| Sandstone----- | 12 | 117 | W.B. |
| Shale, dark----- | | 117 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-20A1

Type of record: Driller's log. Altitude: About 615 feet.

| Material | Thick-ness (feet) | Depth (feet) | Remarks |
|--------------------------------|-------------------|--------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay and hardpan----- | 22 | 22 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, broken, brown----- | 6 | 28 | |
| Sandstone, gray----- | 79 | 107 | W.B. |
| Shale, dark----- | 1 | 108 | |

Well 8/7W-21D1

Type of record: Driller's log. Altitude: About 645 feet.

| Material | Thick-ness (feet) | Depth (feet) | Remarks |
|--------------------------------|-------------------|--------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 13 | 13 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Limestone, blue----- | 8 | 21 | |
| Shale, blue----- | 30 | 51 | |
| Sandstone----- | 3 | 54 | |
| Shale, sandy----- | 21 | 75 | |
| Sandstone----- | 95 | 170 | W.B. |

Well 8/7W-21G1

Type of record: Driller's log. Altitude: About 655 feet.

| Material | Thick-ness (feet) | Depth (feet) | Remarks |
|--------------------------------|-------------------|--------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 13 | 13 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale----- | 44 | 57 | |
| Coal----- | 4.5 | 61.5 | |
| Fire clay and shale----- | 7.5 | 69 | |
| Sandstone----- | 9 | 78 | |
| Shale, sandy, gray----- | 6 | 84 | |
| Sandstone----- | 3 | 87 | |
| Shale, hard, sandy----- | 32 | 119 | |
| Sandstone----- | 28 | 147 | |
| Sandstone, very hard----- | 5 | 152 | |
| Coal----- | 3.5 | 155.5 | |
| Shale, hard, blue----- | 2.5 | 158 | |
| Sandstone----- | 12 | 170 | W.B. |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-21K1

Type of record: Driller's log.

Altitude: About 660 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|-------------------------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 7 | 7 | |
| Sand, gravel, and clay----- | 20 | 27 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, soft, gray----- | 7.5 | 34.5 | |
| Sandstone, gray----- | 3 | 37.5 | |
| Coal, trace----- | --- | 37.5 | |
| Shale, gray----- | 4.5 | 42 | |
| Shale, sandy, gray----- | 21 | 63 | |
| Shale, sandy, medium-gray----- | 11.5 | 74.5 | |
| Shale, sandy, gray----- | 8.5 | 83 | |
| Sandstone, gray----- | 3 | 86 | |
| Shale, sandy, gray----- | 30 | 116 | Trace of coal at 112 feet. |
| Sandstone, medium-gray----- | 8 | 124 | W.B. |
| Shale, sandy, medium-gray----- | 1 | 125 | |

Well 8/7W-21M1

Type of record: Driller's log.

Altitude: About 615 feet.

| | | | |
|--------------------------------|-----|------|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 18 | 18 | |
| Quicksand----- | 1 | 19 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Coal----- | 1.5 | 20.5 | |
| Shale, gray----- | 9.5 | 30 | |
| Sandstone, gray----- | 34 | 64 | |
| Shale, sandy, gray----- | 3 | 67 | |
| Shale, gray----- | 53 | 120 | |
| Coal----- | 2 | 122 | |
| Shale, gray----- | 28 | 150 | |
| Sandstone----- | 20 | 170 | W.B. |
| Coal----- | 4 | 174 | |
| Shale, gray----- | 6 | 180 | |

Well 8/7W-22A1

Type of record: Driller's log.

Altitude: About 560 feet.

| | | | |
|--------------------------------|------|------|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 37.5 | 37.5 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 3.5 | 41 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-22A1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale?, gray----- | 16.5 | 57.5 | |
| Slate, black----- | 4.5 | 62 | |
| Coal----- | 4 | 66 | |
| Fire clay----- | 2 | 68 | |
| Sandstone and shale----- | 10 | 78 | |
| Shale, gray----- | 3 | 81 | |
| Coal----- | 5 | 86 | |
| Fire clay----- | 2 | 88 | |
| Shale, gray----- | 10 | 98 | |
| Sandstone----- | 26 | 112 | |
| Shale, sandy, gray----- | 25 | 137 | |
| Slate, black----- | 5 | 142 | |
| Coal----- | 1 | 143 | |
| Fire clay----- | 2 | 145 | |
| Shale, sandy, gray----- | 20 | 165 | |
| Sandstone----- | 10 | 175 | W.B. |
| Shale, gray----- | 5 | 180 | |
| Lower? series: | | | |
| Coal----- | 3 | 183 | |
| Shale, dark----- | 10 | 193 | |
| Shale, sandy, gray----- | 8 | 201 | |
| Sandstone, white----- | 15 | 216 | W.B. |

Well 8/7W-22D2

Type of record: Driller's log.

Altitude: About 610 feet.

| | | | |
|--------------------------------|-------|-----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 20 | 20 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, gray----- | 5 | 25 | |
| Shale, blue----- | 5 | 30 | |
| Slate, black----- | 2 | 32 | |
| Shale, gray----- | 48 | 80 | |
| Coal----- | 3 | 83 | |
| Shale, gray----- | 4 | 87 | |
| Shale, sandy----- | 10 | 97 | |
| Shale, gray----- | 16 | 113 | |
| Sandstone----- | 5 | 118 | |
| Shale, gray----- | 12 | 130 | |
| Coal, trace----- | ----- | 130 | |
| Shale, gray----- | 14 | 144 | |
| Sandstone----- | 3 | 147 | |
| Shale, gray----- | 13 | 160 | |
| Shale, sandy----- | 12 | 172 | |
| Coal, rotten----- | ----- | 172 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-22D2--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-----------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Fire clay----- | 2 | 174 | |
| Shale, gray----- | 9 | 183 | |
| Shale, sandy----- | 17 | 200 | |
| Lower series: | | | |
| Sandstone, white----- | 37 | 237 | W.B. |

Well 8/7W-22E1

Type of record: Driller's log.

Altitude: About 640 feet.

| | | | |
|--------------------------------|----|-----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Clay, yellow----- | 20 | 20 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone, light----- | 7 | 27 | |
| Shale, dark----- | 13 | 40 | |
| Limestone, hard----- | 11 | 51 | |
| Shale, dark----- | 3 | 54 | W.B. |
| Limestone, hard----- | 1 | 55 | W.B. |
| Shale, dark----- | 2 | 57 | |
| Coal----- | 4 | 61 | |
| Fire clay, light----- | 19 | 80 | |
| Sandstone, light----- | 10 | 90 | |
| Fire clay, light----- | 3 | 93 | |
| Shale, black----- | 4 | 97 | |
| Coal----- | 3 | 100 | |
| Fire clay----- | 5 | 105 | |
| Sandstone, broken----- | 10 | 115 | |
| Shale, dark----- | 25 | 140 | |
| Shale, black----- | 5 | 145 | |
| Coal----- | 4 | 149 | |
| Fire clay----- | 2 | 151 | |
| Sandstone, light----- | 9 | 160 | |
| Shale, dark----- | 20 | 180 | |
| Shale, light----- | 5 | 185 | |
| Shale, dark----- | 13 | 198 | |
| Coal----- | 5 | 203 | |
| Shale, light----- | 13 | 216 | |
| Limestone and sandstone----- | 4 | 220 | |
| Shale, dark----- | 16 | 236 | |
| Lower series: | | | |
| Limestone----- | 3 | 239 | |
| Coal----- | 2 | 241 | |
| Shale, dark----- | 14 | 255 | |
| Sandstone, white----- | 35 | 290 | W.B. |
| Coal----- | 2 | 292 | |
| Sandstone, white----- | 3 | 295 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-22E1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-----------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Sandstone, shaly----- | 2 | 297 | |
| Sandstone, dark----- | 13 | 310 | |
| Fire clay, white----- | 5 | 315 | |

Well 8/7W-22J1

Type of record: Driller's log.

Altitude: About 590 feet.

| | | | |
|--------------------------------|-----|-------|--------------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 38 | 38 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, gray----- | 15 | 53 | |
| Sandstone----- | 5 | 58 | |
| Shale, gray----- | 12 | 70 | |
| Coal, bone----- | 1 | 71 | Argillaceous coal. |
| Coal----- | 3 | 74 | |
| Fire clay----- | 2 | 76 | |
| Sandstone----- | 6 | 82 | |
| Shale, gray----- | 14 | 96 | |
| Slate, black----- | 8 | 104 | |
| Fire clay----- | 2 | 106 | |
| Sandstone----- | 5 | 111 | |
| Shale, dark----- | 3 | 114 | |
| Sandstone----- | 4 | 118 | |
| Coal----- | 2.5 | 120.5 | "Bad water". |
| Dirty band----- | 2 | 122.5 | |
| Coal----- | 1.5 | 124 | "Bad water". |
| Fire clay----- | 4 | 128 | |
| Sandstone----- | 9 | 137 | |
| Shale, sandy, hard----- | 4 | 141 | |
| Sandstone----- | 4 | 145 | |
| Shale, gray----- | 18 | 163 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Slate, black----- | 4 | 167 | |
| Coal----- | 1 | 168 | |
| Shale, gray----- | 11 | 179 | |
| Sandstone----- | 26 | 205 | W.B. |

Well 8/7W-23B1

Type of record: Driller's log.

Altitude: About 560 feet.

| | | | |
|--------------------------------|----|----|---------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 12 | 12 | |
| Shale, sandy----- | 4 | 16 | Clay?, sandy. |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-23B1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Sand and gravel----- | 2 | 18 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Coal----- | 3 | 21 | |
| Fire clay----- | 2 | 23 | |
| Shale, sandy----- | 5 | 28 | |
| Sandstone----- | 7 | 35 | |
| Slate, black----- | 8 | 43 | |
| Fire clay----- | 9 | 52 | |
| Shale----- | 22 | 74 | |
| Coal----- | 3.5 | 77.5 | |
| Fire clay----- | 5.5 | 83 | |
| Shale, gray----- | 14 | 97 | |
| Shale, sandy, hard, gray----- | 28 | 125 | |
| Lower series: | | | |
| Slate, black----- | 5 | 130 | |
| Shale, gray----- | 7 | 137 | |
| Sandstone, white----- | 24 | 161 | W.B. |
| Shale, gray----- | 14 | 175 | |

Well 8/7W-23D1

Type of record: Driller's log.

Altitude: About 550 feet.

| | | | |
|--------------------------------|------|-------|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 27 | 27 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy----- | 8 | 35 | |
| Shale, blue----- | 12 | 47 | |
| Shale, dark----- | 2 | 49 | |
| Slate, black----- | 4 | 53 | |
| Coal----- | 2 | 55 | |
| Fire clay----- | 2 | 57 | |
| Sandstone, light----- | 32 | 89 | |
| Sandstone, dark----- | 5.5 | 94.5 | |
| Coal----- | 2.5 | 97 | |
| Soft band----- | 1.5 | 98.5 | |
| Coal----- | 2 | 100.5 | |
| Fire clay----- | 4.5 | 105 | |
| Shale, gray----- | 6 | 111 | |
| Shale, sandy----- | 1 | 112 | |
| Sandstone----- | 3 | 115 | |
| Shale, gray----- | 10 | 125 | |
| Sandstone----- | 4.5 | 129.5 | |
| Lower? series: | | | |
| Shale, gray----- | 19.5 | 149 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-23D1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|------------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower? series: | | | |
| Sandstone----- | 2.5 | 151.5 | |
| Slate, black----- | 3.5 | 155 | |
| Coal----- | 1 | 156 | |
| Shale, gray----- | 9 | 165 | |
| Shale, sandy----- | 2 | 167 | |
| Sandstone, fine, gray----- | 13 | 180 | |
| Sandstone, coarse, gray----- | 8 | 188 | |
| Shale, blue----- | 1 | 189 | |
| Coal----- | 1.5 | 190.5 | |
| Shale, gray----- | 2 | 192.5 | |
| Shale, sandy----- | 3.5 | 196 | |
| Shale, dark----- | 2 | 198 | |
| Slate----- | 2.5 | 201.5 | |
| Coal----- | 3.5 | 205 | |
| Shale, gray----- | 14 | 219 | |
| Sandstone, gray----- | 8 | 227 | |
| Shale, dark----- | 6 | 233 | |

Well 8/7W-24J1

Type of record: Driller's log.

Altitude: About 540 feet.

| | | | |
|--------------------------------|----|-----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 14 | 14 | |
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Slate, black----- | 3 | 17 | |
| Coal and blackjack----- | 1 | 18 | |
| Shale, sandy----- | 4 | 22 | |
| Sandstone, white----- | 32 | 54 | |
| Shale, brown----- | 10 | 64 | |
| Shale, sandy, gray----- | 24 | 88 | |
| Coal----- | 1 | 89 | |
| Sandstone, white----- | 5 | 94 | |
| Shale, gray----- | 11 | 105 | |
| Sandstone, hard, white----- | 4 | 109 | |
| Shale, sandy, gray----- | 16 | 125 | |
| Coal----- | 1 | 126 | |
| Fire clay----- | 2 | 128 | |

Well 8/7W-25H1

Type of record: Driller's log.

Altitude: About 535 feet.

| | | | |
|--------------------------------|----|----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil; clay----- | 12 | 12 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-25H1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|----------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Lower series: | | | |
| Shale, black----- | 8 | 20 | |
| Shale, gray----- | 12 | 32 | |
| Sandstone, light-gray----- | 37 | 69 | W.B. |
| Shale, gray----- | --- | 69 | |

Well 8/7W-27G1

| | | | |
|--------------------------------|----|---------------------------|------|
| Type of record: Driller's log. | | Altitude: About 640 feet. | |
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 18 | 18 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy----- | 7 | 25 | |
| Shale, gray----- | 34 | 59 | |
| Shale, sandy----- | 9 | 68 | |
| Shale, gray----- | 22 | 90 | |
| Shale, sandy----- | 22 | 112 | |
| Coal----- | 3 | 115 | W.B. |

Well 8/7W-27M1

| | | | |
|--------------------------------|------|---------------------------|--------------|
| Type of record: Driller's log. | | Altitude: About 615 feet. | |
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 16 | 16 | |
| Shale, gray----- | 4 | 20 | Clay?, gray. |
| Quicksand----- | .5 | 20.5 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, gray----- | 45.5 | 66 | |
| Shale, sandy, gray----- | 29 | 85 | |
| Sandstone, white----- | 29 | 114 | W.B. |
| Coal----- | --- | 114 | |

Well 8/7W-28A1

| | | | |
|--------------------------------|----|---------------------------|--|
| Type of record: Driller's log. | | Altitude: About 640 feet. | |
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 11 | 11 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, dark----- | 4 | 15 | |
| Shale, gray----- | 3 | 18 | |
| Shale, blue----- | 12 | 30 | |
| Shale, gray----- | 45 | 75 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-28A1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-----------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy----- | 5 | 80 | |
| Shale, gray----- | 8 | 88 | |
| Sandstone----- | 1.5 | 89.5 | |
| Shale, gray----- | 9.5 | 99 | |
| Sandstone----- | 4 | 103 | |
| Shale, sandy----- | 3 | 106 | |
| Sandstone----- | 8 | 114 | |
| Shale, sandy----- | 4 | 118 | |
| Sandstone----- | 31 | 149 | |
| Slate, black----- | 1.5 | 150.5 | |
| Shale, gray----- | 2.5 | 153 | |
| Sandstone----- | 2 | 155 | |
| Shale, blue----- | 20 | 175 | |

Well 8/7W-28C1

Type of record: Driller's log.

Altitude: About 655 feet.

| | | | |
|--------------------------------|----|-----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Fill----- | 6 | 6 | |
| Top soil----- | 14 | 20 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 6 | 26 | |
| Shale, gray----- | 34 | 60 | |
| Sandstone----- | 45 | 105 | |
| Shale, gray----- | 45 | 150 | |
| Shale, sandy----- | 10 | 160 | |
| Shale, gray----- | 21 | 181 | |

Well 8/7W-28F2

Type of record: Driller's log.

Altitude: About 640 feet.

| | | | |
|--------------------------------|-----|------|------------------------------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 18 | 18 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, dark-gray----- | 9 | 27 | Trace of coal at 19 feet. |
| Shale, sandy, gray----- | 10 | 37 | |
| Shale, gray----- | 19 | 56 | Trace of coal at 46 feet. |
| Shale, limey, gray----- | 5 | 61 | |
| Shale, soft, light-gray----- | 4.5 | 65.5 | |
| Limestone----- | 1.5 | 67 | |
| Shale, greenish-gray----- | 2.5 | 69.5 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-28F2--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-----------------------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy, light-gray----- | 5.5 | 75 | |
| Sandstone, medium-gray----- | 2 | 77 | |
| Shale, light-gray----- | 1 | 78 | |
| Shale and limestone, light-gray-- | 3 | 81 | |
| Sandstone, gray----- | 3 | 84 | |
| Shale, sandy, light-gray----- | 8 | 92 | |
| Sandstone, gray----- | 6 | 98 | |
| Shale, soft, bluish-gray----- | 9 | 107 | |
| Slate, black, and coal----- | 4 | 111 | |
| Fire clay----- | 2.5 | 113.5 | |
| Shale, greenish-gray----- | 8.5 | 122 | |
| Sandstone, gray----- | 1 | 123 | |
| Shale, green and gray----- | 7 | 130 | |
| Shale, sandy, light-gray----- | .5 | 130.5 | |
| Shale, boots, gray----- | 20.5 | 151 | |
| Shale, dark-gray----- | 5.5 | 156.5 | |
| Slate, black----- | 1 | 157.5 | |
| Coal----- | 2.5 | 160 | |
| Fire clay----- | .5 | 160.5 | |
| Shale, sandy, gray----- | 13.5 | 174 | |
| Shale, dark-gray----- | 4 | 178 | |
| Slate, black----- | 8 | 186 | |
| Coal----- | 1 | 187 | |
| Fire clay----- | 1 | 188 | |
| Shale, sandy, light-gray----- | 8 | 196 | |
| Sandstone, light-gray----- | 17 | 213 | |
| Lower series: | | | |
| Coal----- | 1 | 214 | |
| Shale, sandy, gray----- | 5 | 219 | |
| Coal----- | 1 | 220 | |
| Fire clay----- | 2.5 | 222.5 | |
| Shale, sandy, light-gray----- | 22.5 | 245 | |

Well 8/7W-28P1

Type of record: Driller's log.

Altitude: About 620 feet.

| | | |
|--------------------------------|----|----|
| Quaternary system: | | |
| Recent and Pleistocene series: | | |
| Clay, yellow----- | 21 | 21 |
| Hardpan----- | 4 | 25 |
| Pennsylvanian system: | | |
| Middle series: | | |
| Slate, blue----- | 3 | 28 |
| Coal----- | 7 | 35 |
| Shale, light----- | 15 | 50 |
| Limestone, hard----- | 3 | 53 |
| Shale, light----- | 7 | 60 |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-28P1--Continued

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|-----------------------|--------------------------|-----------------|---------|
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone, white----- | 30 | 90 | W.B. |
| Shale, dark----- | 3 | 93 | |
| Limestone----- | 2 | 95 | |
| Slate, blue----- | 2 | 97 | |
| Coal----- | 3 | 100 | |
| Fire clay----- | 3 | 103 | |
| Shale, sandy----- | 6 | 109 | |
| Sandstone, white----- | 16 | 125 | W.B. |
| Shale, dark----- | 19 | 144 | |
| Coal----- | 4 | 148 | W.B. |

Well 8/7W-30Q1

Type of record: Driller's log. Altitude: About 535 feet.

| | | | |
|--------------------------------|----|----|------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Quicksand and gravel----- | 35 | 35 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, soft----- | 20 | 55 | |
| Shale, solid----- | 19 | 74 | |
| Sandstone----- | 2 | 76 | W.B. |
| Shale----- | 2 | 78 | |

Well 8/7W-30R1

Type of record: Driller's log. Altitude: About 540 feet.

| | | | |
|---------------------------------|----|-----|--|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Quicksand and mud----- | 36 | 36 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, blue and brown----- | 11 | 47 | |
| Sandstone, gray----- | 15 | 62 | |
| Limestone----- | 3 | 65 | |
| Fire clay----- | 7 | 72 | |
| Steel band----- | 2 | 74 | |
| Coal----- | 2 | 76 | |
| Shale, sandy, and limestone---- | 35 | 111 | |
| Shale, brown----- | 16 | 127 | |
| Coal----- | 1 | 128 | |
| Shale----- | 12 | 140 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-31A1

Type of record: Driller's log.

Altitude: About 535 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Quicksand and mud----- | 33 | 33 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Rock and shale----- | 29 | 62 | |
| Coal----- | 4 | 66 | |
| Shale----- | 39 | 105 | |
| Coal----- | 5 | 110 | |
| Shale----- | 10 | 120 | |

Well 8/7W-33A1

Type of record: Driller's log.

Altitude: About 620 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 18 | 18 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 10 | 28 | |
| Shale, gray----- | 10 | 38 | |
| Shale, sandy----- | 19 | 57 | |
| Sandstone----- | 13 | 70 | |
| Shale, gray----- | 2 | 72 | |
| Shale, sandy----- | 28 | 100 | |

Well 8/7W-33H1

Type of record: Driller's log.

Altitude: About 610 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Surface----- | 10 | 10 | |
| Hardpan and sand----- | 17 | 27 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone, gray----- | 10 | 37 | |
| Sandstone, white----- | 87 | 124 | |
| Coal and blackjack----- | 1.5 | 125.5 | |
| Shale, sandy, gray----- | 7.5 | 133 | |
| Sandstone, white----- | 4 | 137 | |
| Sandstone, gray----- | 4 | 141 | |
| Shale, gray----- | 4 | 145 | |
| Slate----- | 12 | 157 | |
| Coal----- | .5 | 157.5 | |
| Shale, gray----- | 2.5 | 160 | |
| Sandstone, white----- | 21 | 181 | W.B. |

Table 2.--Selected well logs, Greene County, Indiana--Continued

Well 8/7W-33J1

Type of record: Driller's log.

Altitude: About 600 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 6 | 6 | |
| Mud, sandy, brown----- | 9 | 15 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone, gray----- | 29 | 44 | |
| Shale, sandy, gray----- | 21 | 65 | |
| Sandstone, gray----- | 29 | 94 | W.B. |
| Coal----- | 1 | 95 | |
| Shale, gray----- | 2 | 97 | |
| Sandstone, gray----- | 3 | 100 | |

Well 8/7W-33R1

Type of record: Driller's log.

Altitude: About 565 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 15 | 15 | |
| Mud, brown----- | 10 | 25 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 13 | 38 | |
| Sandstone----- | 17 | 55 | W.B. |
| Shale, gray----- | | 55 | |

Well 8/7W-34D1

Type of record: Driller's log.

Altitude: About 640 feet.

| Material | Thick- ness (feet) | Depth (feet) | Remarks |
|--------------------------------|--------------------------|-----------------|---------|
| Quaternary system: | | | |
| Recent and Pleistocene series: | | | |
| Top soil----- | 14 | 14 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone, brown----- | 11 | 25 | W.B. |
| Shale, gray----- | 9 | 34 | |
| Shale, sandy----- | 71 | 105 | |
| Shale, gray----- | 15 | 120 | |
| Sandstone----- | 17 | 137 | W.B. |
| Coal----- | 3 | 140 | |
| Shale and fire clay----- | 3 | 143 | |
| Shale, sandy----- | 15 | 158 | W.B. |
| Shale, gray----- | 20 | 178 | |
| Shale, sandy----- | 3 | 181 | |
| Shale, gray----- | 6 | 187 | |
| Shale, sandy----- | 16 | 203 | |
| Coal----- | 4 | 207 | |
| Shale, gray----- | 14 | 221 | |

Table 2.--Selected well logs, Greene County, Indiana--Continued

| Well 8/7W-34D1--Continued | | | |
|---------------------------|--------------------------|-----------------|---------|
| Material | Thick- ness (feet) | Depth (feet) | Remarks |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy----- | 9 | 230 | |
| Shale, gray----- | 17 | 247 | |
| Lower? series: | | | |
| Shale, sandy----- | 5 | 252 | |
| Shale, gray----- | 16 | 268 | |
| Shale, sandy----- | 22 | 290 | |
| Sandstone, white----- | 18 | 308 | W.B. |

| Well 8/7W-34R1 | | | |
|--------------------------------|----|---------------------------|------|
| Type of record: Driller's log. | | Altitude: About 605 feet. | |
| No record----- | 34 | 34 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Sandstone----- | 27 | 61 | |
| Coal----- | 3 | 64 | |
| Shale, dark----- | 14 | 78 | |
| Slate, black----- | 20 | 98 | |
| Sandstone----- | 7 | 105 | |
| Slate, dark----- | 4 | 109 | |
| Coal----- | 1 | 110 | |
| Fire clay----- | 2 | 112 | |
| Sandstone, dark----- | 6 | 118 | W.B. |
| Slate, black----- | 4 | 122 | |
| Coal----- | 3 | 125 | |
| Fire clay----- | 2 | 127 | |
| Shale, sandy----- | 5 | 132 | |
| Limestone, hard----- | 3 | 135 | |
| Shale, sandy----- | 3 | 138 | |
| Lower? series: | | | |
| Sandstone, white----- | 72 | 210 | W.B. |

| Well 8/7W-35P1 | | | |
|--------------------------------|----|---------------------------|--|
| Type of record: Driller's log. | | Altitude: About 560 feet. | |
| No record----- | 88 | 88 | |
| Pennsylvanian system: | | | |
| Middle series: | | | |
| Shale, sandy, hard, gray----- | 5 | 93 | |
| Shale, dark----- | 4 | 97 | |
| Coal----- | 3 | 100 | |
| Shale, light-gray----- | 2 | 102 | |
| Coal----- | 1 | 103 | |
| Fire clay, boots----- | 4 | 107 | |
| Shale, sandy, hard, gray----- | 4 | 111 | |
| Slate, hard, black----- | 2 | 113 | |
| Sandstone, brown----- | 1 | 114 | |