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|------------|----------------------------|
| Form       | WWC5                       |
| Contractor | Downey Drilling, Inc. #748 |
| Well Owner |                            |
| Doc ID     | 1607109                    |

#### Lithology

| From | To  | LithologicLog                                |
|------|-----|--|
| 0    | 2   | TOPSOIL                                      |
| 2    | 7   | BROWN CLAY                                   |
| 7    | 12  | SANDY CLAY                                   |
| 12   | 15  | F/M/C SAND W/ FINE GRAVEL                    |
| 15   | 27  | WEATHERED SHALE                              |
| 27   | 45  | SHALE W/ BLK ROCK CHIPS                      |
| 45   | 90  | SHALE W/ BLK & GRAY ROCK CHIPS & CLAY LEDGES |
| 90   | 145 | BLK SHALE W/ ROCK CHIPS                      |
| 145  | 152 | BLK SHALE W/ BLK & GRY ROCK CHIPS            |
| 152  | 167 | BLK SHALE W/ BLK ROCK CHIPS                  |
| 167  | 209 | BLK SHALE                                    |
| 209  | 217 | BLK SHALE W/ GRAY & BLKL ROCK CHIPS          |
| 217  | 243 | BLK SHALE                                    |
| 243  | 302 | SS W/ SOAPSTONE, FINE SAND, GRAY CLAY        |
| 302  | 315 | SANDSTONE W/ FINE SAND & IRON PYRITE         |
| 315  | 333 | SOAPSTONE W/ SS & GRY CLAY                   |
| 333  | 338 | SANDSTONE W/ F. SAND & IRON PYRITE           |

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|------|-----|----------------------------------|
| 338  | 354 | GRAY CLAY W/<br>SOAPSTONE & SS   |
| 354  | 365 | SS W/ SOAPSTONE & FINE<br>SAND   |
| 365  | 408 | FINE SAND W/ SS & IRON<br>PYRITE |
| 408  | 435 | SS W/ SOAPSTONE & F.<br>SAND     |
| 435  | 456 | SOAPSTONE W/ SS                  |
| 456  | 475 | SHALE                            |