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|------------|-----------------------|
| Form       | WWC5                  |
| Contractor | Downey Drilling, Inc. |
| Well Owner | NATHAN & VANCE KELLS  |
| Doc ID     | 1476513               |

Litholgy

| From | To  | LithologicLog                                |
|------|-----|--|
| 0    | 2   | TOPSOIL / SILT                               |
| 2    | 62  | SILTY W/ SANDY CLAY AND SAND                 |
| 62   | 96  | SILT, MED SAND W/ SANDY CLAY                 |
| 96   | 100 | MED/COARSE/V. COARSE SAND                    |
| 100  | 114 | FINE GRAVEL                                  |
| 114  | 117 | SANDY CLAY                                   |
| 117  | 173 | F/M GRAVEL, TR COARSE GRAVEL                 |
| 173  | 177 | SANDY CLAY                                   |
| 177  | 222 | F/M GRAVEL                                   |
| 222  | 260 | F/M/C GRAVEL                                 |
| 260  | 263 | SANDY CLAY                                   |
| 263  | 276 | F/M GRAVEL, TR C. GRAVEL                     |
| 276  | 281 | CLAY & MAG                                   |
| 281  | 285 | M/C SAND, TR FINE GRAVEL                     |
| 285  | 297 | SANDY CLAY W/ MED/C SAND, FINE GRAVEL STAIRS |
| 297  | 300 | SANDY CLAY                                   |
| 300  | 313 | V. COARSE SAND, FINE GRAVEL                  |
| 313  | 314 | SANDY CLAY                                   |

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| 314  | 319 | F/M GRAVEL                       |
| 319  | 325 | SANDY CLAY, MAG                  |
| 325  | 332 | M/C SAND                         |
| 332  | 342 | F. GRAVEL                        |
| 342  | 351 | C/VC, TR FINE GRAVEL             |
| 351  | 366 | CLAY, SC W/ MAG STAIRS           |
| 366  | 370 | F/M SAND                         |
| 370  | 373 | CLAY                             |
| 373  | 377 | SILTY CLAY                       |
| 377  | 378 | CLAY                             |
| 378  | 380 | SILTY CLAY                       |
| 380  | 384 | CLAY STICKY                      |
| 384  | 396 | SILTY SAND W/ CLAY STAIRS        |
| 396  | 411 | SANDY CLAY                       |
| 411  | 415 | SANDY CLAY W/ MAG                |
| 415  | 422 | SANDY CLAY                       |
| 422  | 431 | CLAY, SANDY CLAY W/ MAG          |
| 431  | 440 | CLAY, SANDY CLAY                 |
| 440  | 455 | CLAY, SANDY CLAY, F. SAND W/ MAG |
| 455  | 462 | F/M SAND                         |
| 462  | 466 | CLAY, MAG                        |
| 466  | 470 | CLAY                             |

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| 470  | 474 | CLAY, MAG                       |
| 474  | 475 | CLAY W/ MAG                     |
| 475  | 489 | SAND                            |
| 489  | 505 | CLAY                            |
| 505  | 527 | BR. ROCK , TR CLAY              |
| 527  | 529 | CLAY                            |
| 529  | 530 | CEM LAYER                       |
| 530  | 533 | CLAY, YELLOW<br>WEATHERED SHALE |
| 533  | 538 | CLAY, YELLOW W/ BR<br>ROCK      |
| 538  | 554 | CLAY W/ SOME BR. ROCK           |
| 554  | 555 | CEM                             |
| 555  | 560 | SHALE, CLAY                     |
| 560  | 580 | SHALE & CLAY                    |
| 580  | 583 | SHALE, CLAY                     |
| 583  | 590 | FINE SAND                       |
| 590  | 600 | SHALE                           |
| 600  | 632 | MED. SAND                       |
| 632  | 635 | SHALE, CLAY                     |
| 635  | 637 | LIMESTONE                       |
| 637  | 644 | SHALE                           |
| 644  | 646 | SAND                            |
| 646  | 648 | LIMESTONE                       |

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|-------|-------|------------------------------|
| 648   | 662   | SHALE                        |
| 662   | 663   | LIMESTONE                    |
| 663   | 681   | SHALE                        |
| 681   | 681.5 | LIMESTONE                    |
| 681.5 | 687   | FINE SAND W/ SHALE           |
| 687   | 692   | SHALE                        |
| 692   | 693.5 | LIMESTONE                    |
| 693.5 | 697   | SHALE                        |
| 697   | 703   | LIMESTONE                    |
| 703   | 741   | SAND W/ SHALE                |
| 741   | 750   | SHALE                        |
| 750   | 769   | F. SAND, SS                  |
| 769   | 778   | F. SAND, SS, W/ SHALE LENSES |
| 778   | 780   | LIMESTONE                    |
| 780   | 793   | SS, SAND                     |
| 793   | 824   | RED BED                      |