

## Berglund #1 Existing WBD



| DESCRIPTION | DEPTH | WELLBORE |
|-------------|-------|----------|
|-------------|-------|----------|

|   |      |
|---|------|
| <b>10sx Surface Plug</b>                                    | 35'  |
| <b>30sx balanced plug</b><br>(half in, half out of sfc csg) | 180' |
| <b>9-5/8" Surface Casing:</b><br>(cement to surface)        | 205' |
|   | 230' |

**Cut-Off Casing** 5825'  
4-1/2" 9.6#

TOC (est) 6762'

|                                   |              |
|-----------------------------------|--------------|
| <b>10sx Balanced Plug</b>         | 7319'        |
| (original abandonment)            | <u>7405'</u> |
| <b>J Sand Perfs 7392-7402'</b>    |              |
| <b>4-1/2" Production Casing:</b>  | 7,450'       |
| <b>7-7/8" Production Hole TD:</b> | 7,468'       |

|                        |                 |              |   |
|------------------------|-----------------|--------------|---|
| <b>WELL:</b>           | Berglund #1     |              |   |
| <b>LOCATION:</b>       | NWNW<br>660FNL  | 19<br>660FWL | 2N<br>(Planned)<br>40.129279°N, -104.487930°E |
| <b>FORMATION:</b>      | JSND 10/22/1965 |              |   |
| <b>API #:</b>          | 05-123-05079    |              |   |
| <b>Field:</b>          | TAMPA           |              |   |
| <b>CURRENT STATUS:</b> | 7/18/1967 PA    |              |   |
| <b>Spud:</b>           | 10/7/1965       |              |   |

### Casing and Tubular Data

| Type      | Size   | Weight   | Top | Bottom | Hole Size |
|-----------|--------|----------|-----|--------|-----------|
| Surface   | 9 5/8" | 36.0 ppf | 0   | 205'   | 13-1/2"   |
| Open Hole | 4 1/2" | 9.5 ppf  | 0   | 7,450' | 7-7/8"    |

| Elevation Data |                |
|----------------|----------------|
| Station        | Elevation (ft) |
| 1              | 100.0          |
| 2              | 105.0          |
| 3              | 110.0          |
| 4              | 115.0          |
| 5              | 120.0          |
| 6              | 125.0          |
| 7              | 130.0          |
| 8              | 135.0          |
| 9              | 140.0          |
| 10             | 145.0          |
| 11             | 150.0          |
| 12             | 155.0          |
| 13             | 160.0          |
| 14             | 165.0          |
| 15             | 170.0          |
| 16             | 175.0          |
| 17             | 180.0          |
| 18             | 185.0          |
| 19             | 190.0          |
| 20             | 195.0          |
| 21             | 200.0          |
| 22             | 205.0          |
| 23             | 210.0          |
| 24             | 215.0          |
| 25             | 220.0          |
| 26             | 225.0          |
| 27             | 230.0          |
| 28             | 235.0          |
| 29             | 240.0          |
| 30             | 245.0          |
| 31             | 250.0          |
| 32             | 255.0          |
| 33             | 260.0          |
| 34             | 265.0          |
| 35             | 270.0          |
| 36             | 275.0          |
| 37             | 280.0          |
| 38             | 285.0          |
| 39             | 290.0          |
| 40             | 295.0          |
| 41             | 300.0          |
| 42             | 305.0          |
| 43             | 310.0          |
| 44             | 315.0          |
| 45             | 320.0          |
| 46             | 325.0          |
| 47             | 330.0          |
| 48             | 335.0          |
| 49             | 340.0          |
| 50             | 345.0          |
| 51             | 350.0          |
| 52             | 355.0          |
| 53             | 360.0          |
| 54             | 365.0          |
| 55             | 370.0          |
| 56             | 375.0          |
| 57             | 380.0          |
| 58             | 385.0          |
| 59             | 390.0          |
| 60             | 395.0          |
| 61             | 400.0          |
| 62             | 405.0          |
| 63             | 410.0          |
| 64             | 415.0          |
| 65             | 420.0          |
| 66             | 425.0          |
| 67             | 430.0          |
| 68             | 435.0          |
| 69             | 440.0          |
| 70             | 445.0          |
| 71             | 450.0          |
| 72             | 455.0          |
| 73             | 460.0          |
| 74             | 465.0          |
| 75             | 470.0          |
| 76             | 475.0          |
| 77             | 480.0          |
| 78             | 485.0          |
| 79             | 490.0          |
| 80             | 495.0          |
| 81             | 500.0          |
| 82             | 505.0          |
| 83             | 510.0          |
| 84             | 515.0          |
| 85             | 520.0          |
| 86             | 525.0          |
| 87             | 530.0          |
| 88             | 535.0          |
| 89             | 540.0          |
| 90             | 545.0          |
| 91             | 550.0          |
| 92             | 555.0          |
| 93             | 560.0          |
| 94             | 565.0          |
| 95             | 570.0          |
| 96             | 575.0          |
| 97             | 580.0          |
| 98             | 585.0          |
| 99             | 590.0          |
| 100            | 595.0          |

|            |             |      |
|------------|-------------|------|
| GL         | 4902        | feet |
| KB         | <u>4912</u> | feet |
| Difference | 10          | feet |

| Formation Tops Data |           |
|---------------------|-----------|
| Well                | Formation |
| 1                   | 1         |
| 2                   | 2         |
| 3                   | 3         |
| 4                   | 4         |
| 5                   | 5         |
| 6                   | 6         |
| 7                   | 7         |
| 8                   | 8         |
| 9                   | 9         |
| 10                  | 10        |
| 11                  | 11        |
| 12                  | 12        |
| 13                  | 13        |
| 14                  | 14        |
| 15                  | 15        |
| 16                  | 16        |
| 17                  | 17        |
| 18                  | 18        |
| 19                  | 19        |
| 20                  | 20        |
| 21                  | 21        |
| 22                  | 22        |
| 23                  | 23        |
| 24                  | 24        |
| 25                  | 25        |
| 26                  | 26        |
| 27                  | 27        |
| 28                  | 28        |
| 29                  | 29        |
| 30                  | 30        |
| 31                  | 31        |
| 32                  | 32        |
| 33                  | 33        |
| 34                  | 34        |
| 35                  | 35        |
| 36                  | 36        |
| 37                  | 37        |
| 38                  | 38        |
| 39                  | 39        |
| 40                  | 40        |
| 41                  | 41        |
| 42                  | 42        |
| 43                  | 43        |
| 44                  | 44        |
| 45                  | 45        |
| 46                  | 46        |
| 47                  | 47        |
| 48                  | 48        |
| 49                  | 49        |
| 50                  | 50        |
| 51                  | 51        |
| 52                  | 52        |
| 53                  | 53        |
| 54                  | 54        |
| 55                  | 55        |
| 56                  | 56        |
| 57                  | 57        |
| 58                  | 58        |
| 59                  | 59        |
| 60                  | 60        |
| 61                  | 61        |
| 62                  | 62        |
| 63                  | 63        |
| 64                  | 64        |
| 65                  | 65        |
| 66                  | 66        |
| 67                  | 67        |
| 68                  | 68        |
| 69                  | 69        |
| 70                  | 70        |
| 71                  | 71        |
| 72                  | 72        |
| 73                  | 73        |
| 74                  | 74        |
| 75                  | 75        |
| 76                  | 76        |
| 77                  | 77        |
| 78                  | 78        |
| 79                  | 79        |
| 80                  | 80        |
| 81                  | 81        |
| 82                  | 82        |
| 83                  | 83        |
| 84                  | 84        |
| 85                  | 85        |
| 86                  | 86        |
| 87                  | 87        |
| 88                  | 88        |
| 89                  | 89        |
| 90                  | 90        |
| 91                  | 91        |
| 92                  | 92        |
| 93                  | 93        |
| 94                  | 94        |
| 95                  | 95        |
| 96                  | 96        |
| 97                  | 97        |
| 98                  | 98        |
| 99                  | 99        |
| 100                 | 100       |

| <u>Formation</u>     | <u>Depth</u> |    |
|----------------------|--------------|----|
| Base of Fox Hills    | 797'         | MD |
| Base of Upper Pierre | 1502'        | MD |
| Sussex               | 4683'        | MD |
| Niobrara             | 6630'        | MD |
| D Sand               | 7322'        | MD |
| J Sand               | 7386'        | MD |