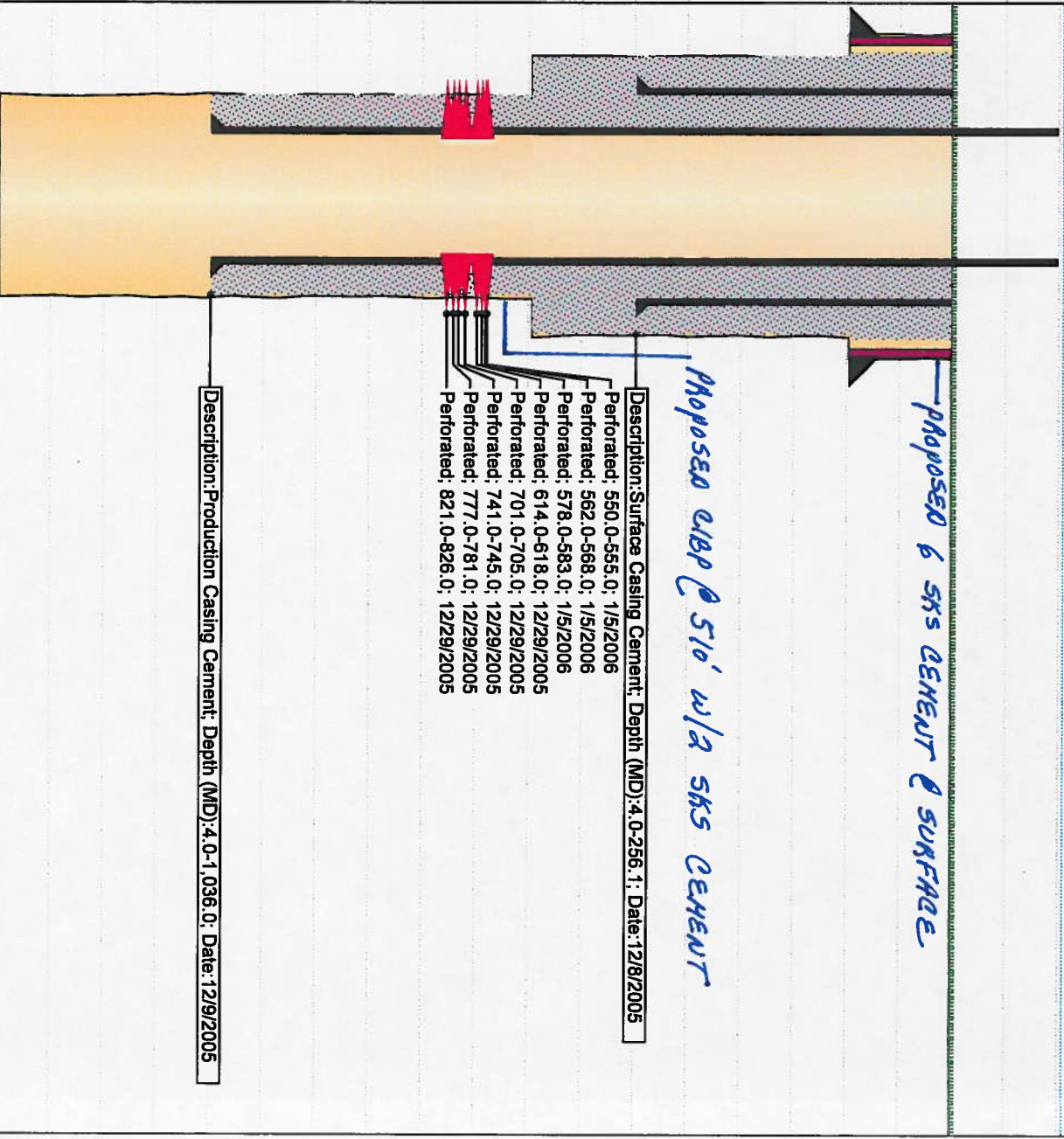


| | | | | | |
|------------------------------|--|-----------------------------------|---------------------------------|-------------------------------|--------------|
| APU/UMI 05-071-08595-0000 | Field Name RATON-LONG CANYON | DIR/DIR NW/SW | Section 30 | Township 34S | Range 64W |
| Spud Date 12/27/2005 | Original KB Elevation (ft) 6,898.00 | Ground Elevation (ft) 6,894.00 | KB-Ground Distance (ft) 4.00 | Total Depth (ftKB) 1,041.0 | |
| Plug Back Total Depths | Wellbore Name | | Date | Depth (ft B) | |
| Original Hole | | | | 989.0 | |

MD (ftKB)

VERTICAL - Original Hole 6/5/2014 3:11:29 PM
Vertical schematic (actual)

-27.3
2.0
3.0
3.9
7.5
11.2
128.6
246.1
251.1
256.2
258.7
261.2
625.0
988.8
1,004.4
1,020.0
1,028.1
1,036.1
1,038.1
1,040.0
1,040.5
1,041.0
1,067.1



Description: Surface Casing Cement. Depth (MD): 4.0-256.1. Date: 12/8/2005

- Perforated: 550.0-555.0; 1/5/2006
- Perforated: 562.0-568.0; 1/5/2006
- Perforated: 578.0-583.0; 1/5/2006
- Perforated: 614.0-618.0; 12/29/2005
- Perforated: 701.0-705.0; 12/29/2005
- Perforated: 741.0-745.0; 12/29/2005
- Perforated: 777.0-781.0; 12/29/2005
- Perforated: 821.0-826.0; 12/29/2005

Description: Production Casing Cement. Depth (MD): 4.0-1,036.0. Date: 12/9/2005