Hilmar Cheese Company: Proposed Injection Well Schematic

General Construction Plan - All Wells

Protected Zone @ surface = 2,990'
Kreyenhagen Shale @ 3,150'-3,250'
Paleocene-Cretaceous Sand
Injection Interval @ 3,350'-4,150'

d = 9 1/4" 308 J-55 casing @ 4,150' to surface

Top String:
5 1/4" 2 3/4" 150-lb. 48
4 1/2" 4 1/2" 120-lb. 1 OD/ID assembly with 4 seal rings @ 5,150'

6" Top Line Hanger @ 5,150'
7" 2 7/8 J-55 liner @ 5,150' to surface

Note:
Arctic depths, casing diameters, and other dimensions subject to change based on conditions encountered during drilling operations

5" 150-lb. 2 3/4" liner @ 5,300'-4,150'
screen 2" x 200mm, lift @ 5,150'

9/10/04 12:27 PM - SWD Sketch 2.0 x/TV lWell Construction Plan

Attachment 12