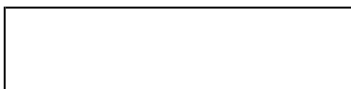


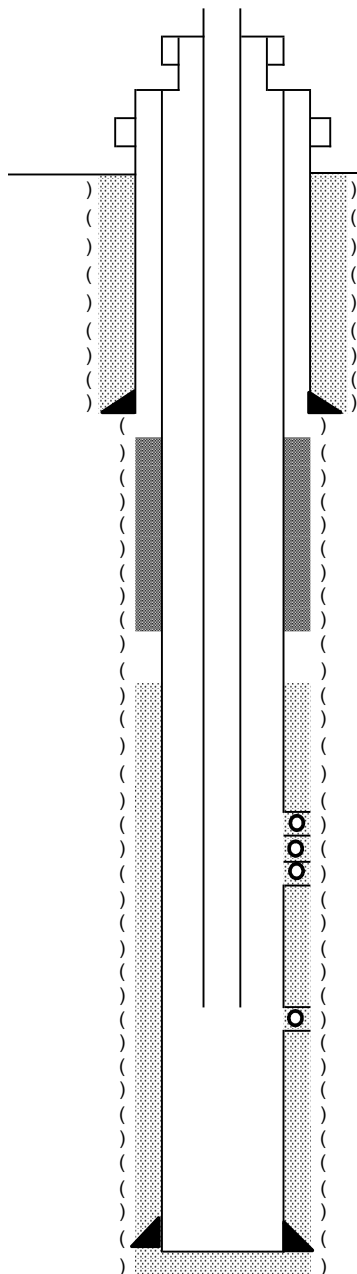


WELLBORE DIAGRAM

FINAL WBD



Operator: Great Western Oil & Gas Company
 Well Name: Detterer 33-24
 Lease Number:
 Location: NWSE Sec 24 6N 67W
 Field: Wattenberg
 County, State: Weld Co., CO
 API Number: 05-123-24707
 Diagram Date: 2/16/2015
 Lat/Long: 40.47064/-104.84019



KB 4762'

GL 4750'

Surface Casing

8-5/8" 24#, J-55 Surf CSG set @ 619' (12-1/4" Hole)
 Cmt'd w/ 450 sx to surf.

New TOC: 1230'

Cut and pulled casing at 3495'.
 Ran 7K patch and set DV Tool at 3495'.
 Cemented with 730 sks cement.

Original TOC = 3584' CBL

Niobrara Perfs: 6802'-7020'

Codell Perfs: 7100'-7116'

Production tubing:

2-3/8" @ 7050'

TVD = 7300 PBTVD = 7285
 MD = 7300 PBMD = 7285

Production Casing

4-1/2" 11.6#, N-80 CSG set @ 7285' (7-7/8" Hole)
 Cm'd w/ 580 sx