

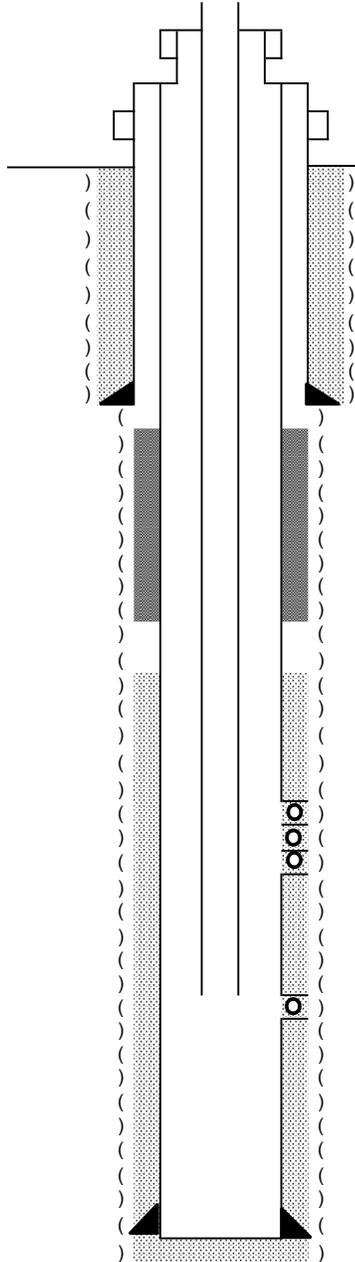


**WELLBORE DIAGRAM**

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)  
 Cmt'd w/ 580 sx

