

WELLBORE DIAGRAM

Final Plugged WBD

656' FSL & 2140' FEL

Operator: Great Western

Well Name: Dettner 34-24

Lease Number:

Location: SWSE Sec. 24 T6N R67W

Field: Wattenberg

County, State: Weld, CO

API Number: 05-123-24706

Diagram Date: 4/13/2016

KB 4750'

Well History

GL 4740'

Spud Date: 5/1/2007

Date TD Reached: 5/7/2007

Completion Date: 5/7/2007

Deepest Offset water well: 480'

12 1/4" Hole
8 5/8" 24# csg set at 582'
Cmt'd w/ 450sks
TOC: Surface

Sting out
Fill 4-1/2" w/ 90 sx from 1125 ft
Top off at 200 ft w/ 15 sx

Perforate at 1225 ft
Set CICR at 1125 ft
Circ 440 sx to surface
thru CICR, leave 1 bbl on top

Set CICR 3388 ft
Sqz 50sx thru CICR into hole
Leave 1 bbl on top CICR
Pressure test to 500psi/15 mins
(Holes in casing 3488 to 3520')

Base Upper Pierre: 1125'
Parkman Top: 3492'
Sussex 4192'
Niobrara 6775'
Fort Hays 7078'
Codell 7100'

TOC: 3586' (from CBL)

CIBP at 3700 ft w/ 2 sx

CIBP at 6722 ft w/ 2 sx

NB-CD perf interval: 360 holes @ 6820'- 7116'

7 7/8" Prod hole
4 1/2" # 11.6 csg set @7272'
Cmt'd w/ 580sks
Cmt top: 3583'

