



WELLBORE DIAGRAM

Final WBD

660' FSL & 660' FEL

Operator: Great Western Operating CO. L

Well Name: Miller 1

Lease Number:

Location: SESE 11-T6N-R67W

Field: Severance

County, State: Weld, CO

API Number: 05-123-11822

Diagram Date: 3/9/2016

Lat/Long: 40.49625/-104.85344

KB 4863'

GL 4848'

Well History

Spud Date: 5/13/1984

Date TD Reached: 5/21/1984

Completion Date: 5/21/1984

Cut and pull from 800 ft
Pumped stub plug from
850 ft to surf w/ 390 sx.

Surface Casing

8-5/8" 24# set @ 321' KB'

cmt'd w/ 240 sx Class G

Production Casing

4-1/2" 11.6# set @ 7360' KB

cmt'd w/ 250 sx Class g

thixset

Hole found in casing @ 1288'

squeezed w/ 200sx 3/14/2015

New cement 1288 up to 872 ft

Stringers up to 474 ft (CBL 3-17-15).

Formation Tops

FoxHills Base 1083' (DWR)

Parkman 3611'

Sussex 4358'

Shannon 4694'

Niobrara 6918'

Timpas 7209'

Codell 7250'

Spot 20 sx balanced plug
from 6882'

Set CIBP @ 6890'

TOC= 6376'

NB-CD Perforations

Perf Size .44"

6944-6946'

6954-6958'

6975-6978'

7056-7066'

7251-7261'

TVD 7360' PBTVD 7340'