



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'

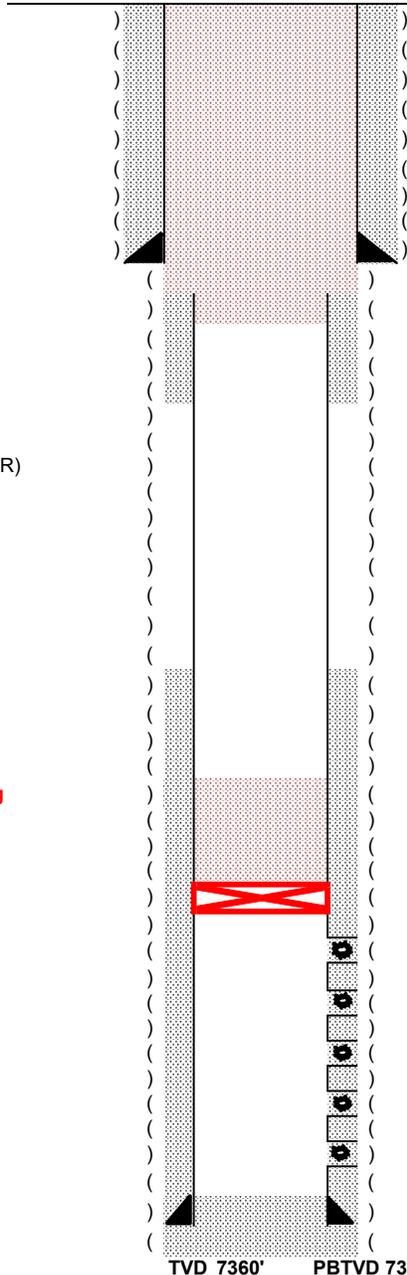
Cut and pull from 800 ft
 Pumped stub plug from
 850 ft to surf w/ 390 sx.

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'



Well History

Spud Date: 5/13/1984
 Date TD Reached: 5/21/1984
 Completion Date: 5/21/1984

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).

TOC= 6376'

NB-CD Perforations

Perf Size .44"
 6944-6946'
 6954-6958'
 6975-6978'
 7056-7066'
 7251-7261'

TVD 7360' PBTVD 7340'