



WELLBORE DIAGRAM
PROPOSED WBD

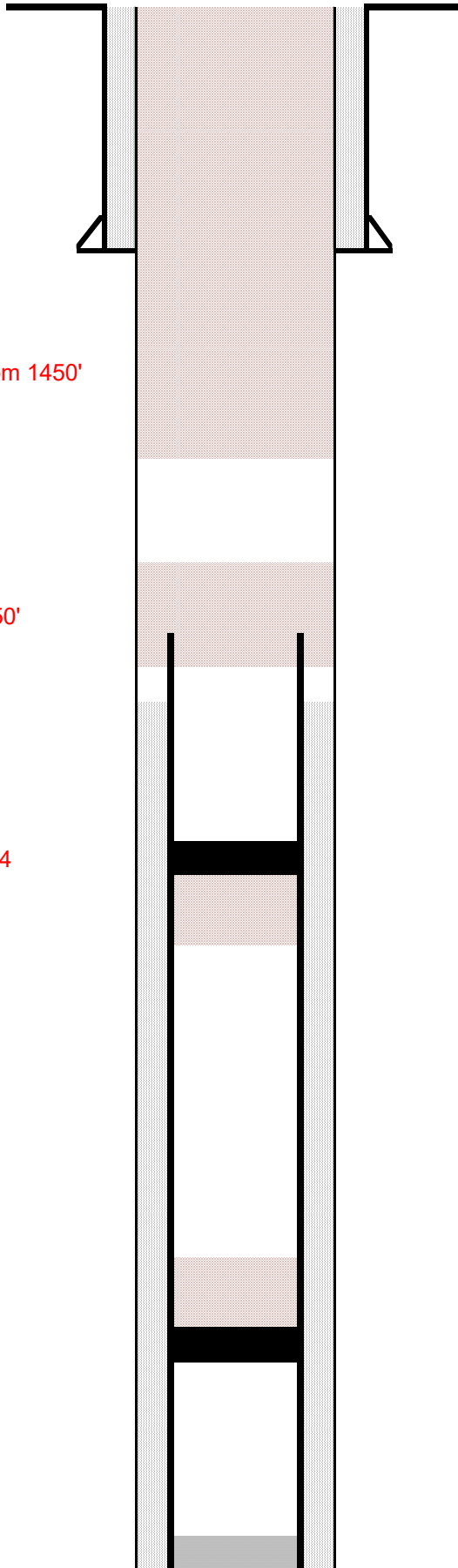
2137 FSL & 2160 FWL

Cut and Cap (Well Name,
 API, Legal Desc.) 4-6'
 below ground level.

Operator: Great Western Oil & Gas Company
Well Name: Cache 08-23
Lease Number:
Location: NESW Sec 8 T6N R63W
Field: Wattenberg - 90750
County, State: Weld, Colorado
API Number: 05-123-24411
Diagram Date: 5/18/2021
Lat/Long: 40.499690 / -104.462530

1 Mile Offset:
 No PR Sussex
 Deepest WW: 300'

Top off as needed



Pump 450 sx Class G +2%CC from 1450'
 to surface

Cut & pull csg @ 2500'
 Pump stub plug from 2550' to 2250'
 w/ 75 sx Thixo (1.86)

Perf at 4384 and set CICR at 4284
 Sqz 50 sx Class G cement
 Leave 5 sx on top Est TOC 4218

Set CIBP at 6500
 Pump 25 sx Thermal 35 on top

KB 4706'
GL 4690'
Spud Date: 9/27/2007

Surface Casing :
 8-5/8" 24# 12 jts set @ 498'
 Cmt w/350 sx

Production Casing :
 4-1/2", 11.6# 173 jts set @ 6943'
 Cmt w/160 sx

Tubing Detail:

TOC @ 3090 '

Formation Tops:

Greeley Sand	2828
Parkman	3562
Sussex	4372
Shannon	4882
Niobrara	6538
Fort Hays	6780
Codell	6805

Perforations

Niobrara	6534 - 6660
Codell	6806 - 6816

TVD = PBTVD =
 MD = 6972' PBMD = 6928'