



WELLBORE DIAGRAM
PROPOSED WBD

2170 FNL 471 FWL

Operator: Great Western Oil & Gas Company
Well Name: Kortum 12-21
Lease Number:
Location: SWNW Sec 21 T1S R67W
Field: Wattenberg
County, State: Adams, CO
API Number: 05-001-09490
Diagram Date: 7/22/2020
Lat/Long 39.951626/-104.901538

1 Mile Offset:
 No PR Sussex
 3 SI Sussex
 Deepest WW: 1270'
 Base Fox Hills: 1238'

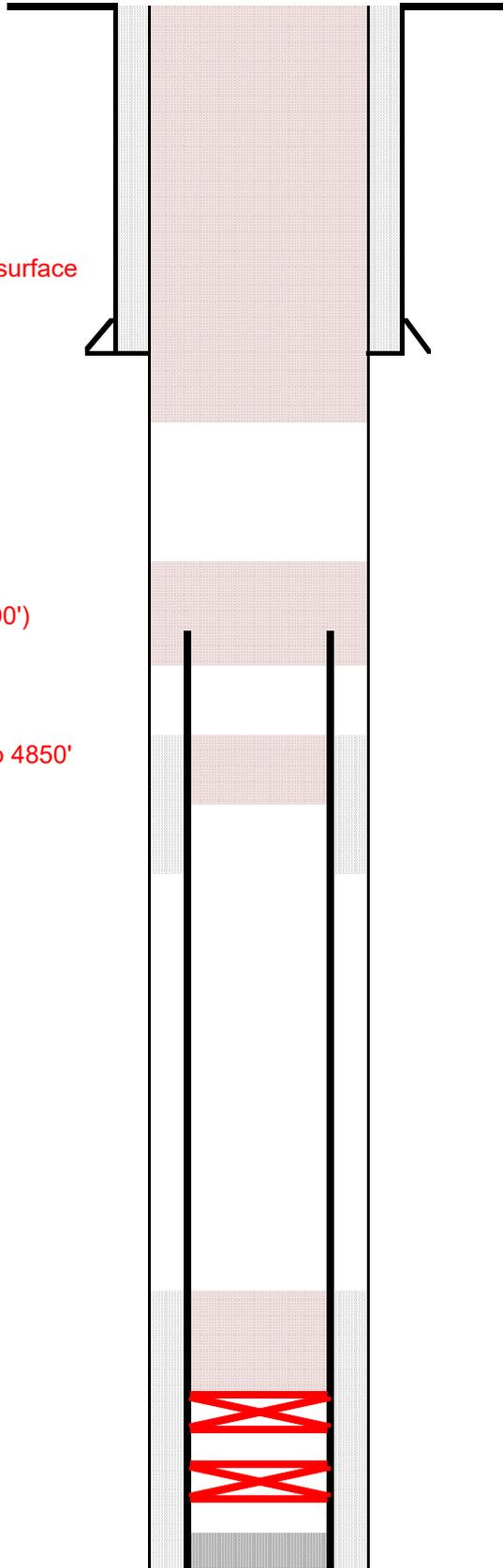
Pump surface plug from 1600' to surface
 500 sx Class G w/ 2% CaCl2

Pump stub plug from 2550'
 120 sx G AGM 4,2 (est top @ 2100')
 Cut and pull casing @ 2500'

Place 25 sx Class G from 5250' to 4850'

Place 50 sx Thermal 35 on top
 Estimated top at 7250'
 CIBP set at 8050'

CIBP set at 8500'



TVD = PBTVD =
 MD = 8671 PBMD = 8647

KB 5288

GL 5272

Spud Date: 3/26/2004

Surface Casing :

8-5/8" 24# 29 jnts set @ 1534' (12-1/4" Hole)
 Cmt w/ 603 sx

Production Casing :

4-1/2", 11.6# 210 jnts set @ 8645' (7-7/8" Hole)
 Cmt w/ 245 sx, TOC 7230'
 Stage tool from 5510' to 4410' w/ 222 sx
 Cut and pull at 2500'

Tubing Detail:

Formation Tops:

SUSSEX	5085
NIOBRARA	7686
FORT HAYS	8086
CODELL	8111
CARLILE	8131
GREENHORN	8146
MOWRY	8518
J SAND	8530

Perforations

Codell	8112-8130
J-Sand	8530-8574