



WELLBORE DIAGRAM

CURRENT WBD

660' FNL 660' FEL

Operator: J M Resources Inc
 Well Name: Horst 1
 Lease Number:
 Location: NENE Sec 24 1S 68W
 Field: SPINDLE - #77900
 County, State: ADAMS #001, CO
 API Number: 05-001-06890
 Diagram Date: 9/20/2019
 Lat/Long: 39.955619/-104.942543

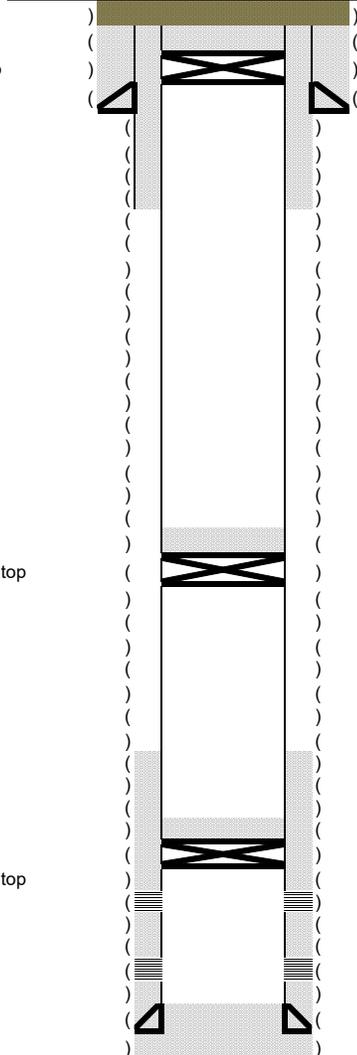
Offset 1 mile radius
 1 Sx PR and 1 Sx SI
 Deepest WW: 1145'

Dug out 15' below ground
 Cut casing off
 Poured 2 sx cement
 Welded plate on production casing
 Welded plate on surface casing
 Backfilled

KB ' 5252'

GL ' 5243'

Wiper plug set at 50'
 Pump 10 sx cement on top



BP set at 4500'
 Dump bail 1 sx cement on top

BP set at 7650'
 Dump bail 1 sx cement on top

Spud Date: 9/15/1974
 Date TD Reached: 9/29/1974
 Completion Date: 5/15/1975
 P&A Date: 8/6/1988

Surface Casing
 8-5/8" 24# Surf CSG set @ 160' (11" Hole)
 Cmt'd w/ 200 sx to surf

Production casing
 5-1/2" 15.5# CSG set @ 8238' (7-7/8" Hole)
 Cmt'd w/ 250 sx (TOC: 6579' calc)
 Cemented Fox Hills zone to surface from
 unknown depth w/ 250 sx cement

Tubing

Formation Tops (MD)

Base Fox Hills 1113'
 Sussex ~5050'
 Niobrara 7710'-7989'
 Codell 8125'-8143'

Perforations

Niobrara 7710-7989
 Codell 8108-8134

TVD = NA PBTVD = NA
 MD = 8238 PBMD = surface