

WELLBORE DIAGRAM

Well / Battery	Field	Total Depth	Est. Start Date
State 1-30	Warlock	7,544	
Location	Sec-Twn-Rng	Producing Horizon	County & State
SWSW	30-T2S-R62W	J Sand	Adams Co., CO

After plugging - proposed

API: 05-001-06698
 Elevation: 5290' GL
 Spud: 7/24/1973
 Compl: 9/6/1973
 TD: 7,544'

Hole: 10-1/4"

Surface Casing
 8 5/8" 20# at 212'
 Cement: 110 sx to surf

Plug #5: Perf csg @ 262', circ
 85 sx in csg & annulus to surf.

Hole: 7-7/8"

Plug #4: 470-338 w/10 sx,
 Upper Arapahoe

Production Casing
 4 1/2" 11.6# at 7,535"
 Cement - 225 sx, TOC: 6,273' (Calc)

Plug #3: 980-848' w/10 sx,
 Lower Arapahoe

Plug #2: 1234-1103' w/10 sx
 Fox Hills

Niobrara top 6578'

Plug #1: 6629 - 6497 w/10 sx
 Niobrara

TOC: 6,273' (Calc)

CIBP @ 7344' w/2 sx (3/19/2015)

Perfs: 7,290'-7,354' (J Sand)

Cement: All cement is 15.8# class G neat,
 yield 1.15 cu ft/sx

TD 7544'

