

City and County of Denver

Date: 8/25/2015
 Prepared by: JMB
 Well Name: Winn 2
 Field: Third Creek
 Legal: SWSW Sec. 6 T2S R65W

Geological tops

Niobrara 7,423'
 D Sand 8,214'
 J Sand 8,251'

County: Adams
 State: Colorado
 GL: 5,259'
 KB: 5,269'
 API: 05-001-06922

Spud date: 4/16/1975
 Completion date: 5/9/1975
 Producing zone: J Sand

Hole Size: 12 1/4"
 Surface Casing: 8 5/8" 24#
 Cement Volume: 150 sx

Surface Casing Shoe

220'

perf at 700', set CIGR at 620'
 pump 140 sks w/5 sks left on top of ret.
 pumped 60 sks 320-0, circ 1 brl at surface

45 sx plug, 1824' - 1452'

DV @ 1,625'
 CMT'd w/ 350 sx

cmt retainer 3,275'

Leak btwn 3,231 - 3,262', could not pump into
 Perf 3275' @ and perf @ 3210' 2 shots each
 pump 115 sx thru ret. @3240
 pump 14.5 sx on top of retainer

TOC 7550'

Production Casing: 4 1/2 10.5 & 11.6#

CIBP 8,215 w 2 sks

Perforations

J Sand 8,266 - 8,290'
 2SPF 8,308 - 8,314'

Cement 150 sx

1,000 gals gel acid
 10,000# 100 mesh
 145,000# 20/40
 45,000# 10/20
 95,000 gal Super Emulsifrac

Hole Size 7 7/8"

Csg pt 8,399'
 TD 8,400'

PBTD 8,330'

