

City and County of Denver

Date: 3/4/2005
 Prepared by: JMB
 Well Name: Kallsen 5
 Field: Third Creek
 Legal: NESW Sec. 18 T2S R65W

Geological tops
 D Sand 8,179'
 J Sand 8,229'

County: Denver
 State: Colorado
 GL: 5,232'
 KB: 5,240'
 API: 05-031-06418

Spud date: 1/10/1972
 Completion date: 2/4/1972
 Producing zone: J Sand

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

Note:

30 sx plug 1,720 -1,520'
 CIBP 1,720' instead of tag

Surface Casing Shoe

219'

TOC ? Will Run CBL

Perf TOC pump cmt inside and outside of csg (min 100 sx)

DV 1,620'

Cement
 2nd stage 350 sx 50-50 poz

CICR 3,200'
 Pump 40 sx thru and leave 15 sx on top
 Perf 3,250'

Hole Size 7 7/8 "

Production Casing: 257 jts 5 1/2" 15.5 & 17# K-55

Cement
 1st stage 200 sx 50-50 poz

TOC ? Will Run CBL

15 sx 7,330 - 7,430' if cement in annulus
 Otherwise, will perf 7,430', set CICR 7,380'
 pump 40 sx thru ret and leave 15 sx on top

Perforations

J Sand 8,236 - 8,272'
 2 SPF

CIBP 8,150' w/ 2 sx cmt

PBTD 8,310'

Csg pt 8,346'
 TD 8,348'

Treatment

15,000# 20/40 sand
 10,000# 10/20 sand
 298 BBL Crude

