

Williams No. 1C

ENERVEST Wood Group 3000# TC1AB 7 1/16"x2 3/8" tubing hanger Wood Group 3000# C22 11"x4 1/2" casing hanger Elevation: 5800' GR, 5815' KB 2020'FNL, 820'FWL, Sec 24, Location: T31N, R13W, San Juan County, Lease # SF 078464 9 5/8" 36#J55 STC CSA 275'KB w/ 200 sx, circ Blanco MV / Basin Dakota Field: Point Lookout, Dakota Zone: Perfs: 4518'-4668' & 6653'-6747' Spud Date: August 07, 2002, 04:00 Stage Tool @ 3598.85'KB TOC 3900' by CBL 7" 23# J55 LTC CSA 4130'KB w/ 195 sx 1st stage, circ, 500 sx 2nd stage, circ Marker joint @ 4211' to 4232' 8-17-02: Perf 1 JSPL 120 deg phase top down over 4518-20, 35-38, 72, 73, 95-97, 4605, 06, 4624, 25, 31, 32, 48-52, 61-63 & 66-68 (29 shots) Stage Tool @ 5032'KB TOC 1st stage: 5164' by CBL 3-28-03: 2 3/8" tbg @ 6695.60'KB: NC, SN, 203 jts 4.7# J55 EUE tubing Marker joint @ 6564' to 6585' 8-13-02: Perf 1 JSPL 120 deg phase at 6653-55, 58-60, 73-76, 80-87 & 6745-47 (21 shots) 3-28-03: Tag fill with tugbing at 6750' Float @ 6797'KB by tubing tally 4 1/2" 11.6# N80 LTC CSA 6821.06'KB w/ 346 sx 1st stage, circ, 115 sx 2nd stage

TD: 6822' KB Driller, PBTD: 6798' KB by casing tally

8/14/2002

8/15/2002 Frac 6653-6747' down casing w/ 47,000 gallon xlink water, 47,000# 20/40 RCS & 32,000# 20/40 RCS w/ activator at 40 BPM. ISIP: 5200psi, 5min: 4050psi, 10min: 3530psi, 15min: 3250psi
8/17/2002 Acidize 4518'-4668' w/ 2,500 gal 15% HCl at 6bpm
8/19/2002 Frac 4518'-4668' down casing w/ 98,000 gallon slick water, 50,500# 20/40 RCS & 50,500# 20/40 RCS w/ activator at 62 BPM. ISIP: 310, 5min: 155, 10min: 100, 15min: 55

Acidize 6653-6747' w/ 1250 gal 15% HCl at 5bpm. ISIP: 3500, 5min: 150, 10min: 20, 15min: 0