

CONOCO INC.
SAN JUAN 28-7 #124M
API # 30-039-25692
SEC 11 - T27N - R07W UNIT LETTER C
1170' FNL - 1842' F'WL

09/30/97 MIRU.

PU, tally & RIH w/ 2-3/8" tbg & bit, tag CMT @ 7560', DO CMT to FC @ 7673' DO FC, con DO CMT to shoe @ 7716', circ. clean test casing to 3000#, OK, fill 4-1/2" X 7" annulus w/ 12 bbls 1% KCl test to 500# OK.

10/03/97

RU wireline, RIH perf Lower DK w/ 20 holes @ 7589-92-95-98-7601-04-07-21-23-33-35-45-47-49-59-63-65-71-73-7692, pressure to 2000# during perforating, did not BD during perforating, BD w/ rig pump @ 2600# 2 BPM, MU BJ acidize perfs w/ 500 G 15% HCl, est. rate w/ water @ 6 BPM 2600#, ISIP 1592#, pumped 32 ball sealers @ 8BPM, max. 3800#, balled off, surged balls, balled off, bled off to pit, RIH ret 32 balls 20 hits, NU BJ frac Lower DK w/ 62,496 G 15# Gel w/ 80,000# 20/40 Ottawa, 8000# 20/40 SDC, @ 32 BPM Max 3750#, avg. 3200#, ISIP 1600#, max. sand conc. 3#/gal, tagged fluid pad & sand stages w/ RA material for after frac --log, PBP @ 7570' test 3000# OK.

Perf Upper DK w/ 20 holes @ 7467-69-71-73-75-77-79-81-83-86-7495-97-99-7501-03-05-07-09-11-7513 pressures to 2000# during perforating, BD w/ rig pump @ 2800# 2 BPM, acidize upper DK perfs w/ 500 G 15% HCl w/ 30 ball sealers @ 8 BPM max. 3800# balled off, surged balls, ISIP 1400#, ret 30 balls 16 hits, frac Upper DK perfs w/ 49,916 G 15# gel w/ 81,000# 20/40 Ottawa & 6000# 20/40 SDC @ 32 BPM max. 3500#, avg. 2800#, ISIP 2200#, max. sand conc. 4.5#/gal, tagged fluid & sand stages w/ RA material for post frac log.

10/6/97

RIH w/ wireline set PBP @ 5700', perf Point Lookout w/ 28 shots @ 5415-17-39-41-49-51-55-60-62-69-71-75-77-86-88-91-97-99-5505-07-14-18-22-26-34-36-59-5581 BD perfs w/ rig pump @ 4000# 2 BPM, RU BJ acidize perfs w/ 500 G 15% HCl w/ 42 ball sealers @ 12 BPM max. 4000#, balled off, ISIP 600#, RIH ret. 42 balls 24 hits, frac Point Lookout w/ 93,238 G slick w/ 88,000# 20/40 AZ & 8000# 20/40 SDC @ 46 BPM max. 3400#, avg. 1200#, ISIP vac, max. sand conc. 2#/gal, RIH set PBP @ 5400'.

10/07/97

RIH perf Menefee w/ 25 holes @ 5058-60-62-5145-47-57-59-78-80-85-87-5219-23-25-29-34-71-73-75-81-83-85-5357-60-5362 BD perfs w/ rig pump @ 2000# 2 BPM, RU BJ acidize perfs w/ 500G 15% HCl w/ 40 ball sealers @ 12 BPM max. 3800# balled off, ISIP 1000#, ret 38 balls 22 hits, Frac Menefee w/ 95,760 G slick w/ 70,000# 20/40 AZ & 4000# 20/40 SDC @ 39 BPM max. 2260#, avg. 2100#, max. sand conc. 2#/gal, ISIP 1150#, wait 30 min for sand to fall, RIH w/ BP.

10/08/97

RIH & set PBP @ 5030', test plug to 3000#, OK, RIH perf Cliffhouse w/ 25 holes @ 4897-99-4907-09-11-13-15-17-19-21-39-41-43-45-47-49-51-53-55-57-63-65-67-69-4971 Attempt to BD perfs would not break down @ 4500# w/ rig pump, RIH spot 10 G 28% HCl from 4945-65', acidize perfs w/ 500 G 15% HCl w/ 40 ball sealers @ 14 BPM max. 3800#, balled off, ISIP 700#, ret 38 balls 22holes, Frac Cliffhouse w/ 96,600 G slick w/ 68,300# 20/40 AZ @ 41 BPM max. 3300#, avg. 2800#, ISIP 800#, max. sand conc. 2#/gal, RD BJ equipment.

10/17/97

PLS Packer set @ 5660', Dakota Test: 540 MCFD, 1 oil, 10 water, 90# tbg, 540# csg. Tubing landed at 7570'. RDMO.

10/20/97

San Juan 28-7 #124M will produce Dakota only for test period.