

CONOCO, INC.
SAN JUAN 28-7 UNIT #156M

API#: 30-039-25820
1045' FWL & 1890' FEL, UNIT LETTER 'O'
SEC. 10, T27N - R07W

COPY

- 6/15/98 MIRU, PU, tally & TIH w/ tbg, tag cmt @ 7520', DO cmt to FC @ 7628', DO FC, cont. DO cmt to 7660', circ. hole clean w/1% KCl, load annulus w/30 bbls 1% KCl, test to 500# OK, press test csg to 4500# OK, TOO H w/ tbg, RU WL, run TDT log from 7660' to 2100', 100' over top of Ojo Alamo formation, RD WL.
- 6/17/98 NU 6" frac valve & "Y", RU BJ WL, Run GR correlation log from 7660'-7300' & 5800'-4800', correct to log, perf DK from 7533' - 7641' w/30 shots @ 7533-35-37-55-57-59-61-63-65-67-69-71-73-87-89-91-93-95-7602-04-06-08-14-16-18-24-27-29-36-7641, press to 2000# during perfing, did not BD, TOO H, press to 2500# w/ rig pump BD @ ½ BPM, RU BJ acid, Acidize DK perfs w/500G 15% HCl w/45 ball sealers @ 7.5 BPM 2800#, Max 4200#, Avg. 2800#, ISIP 2800#, good ball action did not ball off, RIH w/WL ret 45 balls, 28 hits.
- 6/18/98 RU BJ, Frac Lower DK w/57351G 15# XL gel w/84,000# 20/40 Ottawa & 20,000 # 20/40 SDC @ 40 BPM, max. 3422#, avg. 3305#, ISIP 1950#, max. sand conc. 4#/gal, RIH WL set composite BP @ 7516', test BP 4000# OK, ND frac valve & "Y", TIH tbg, TOO H w/tools & tbg, NU frac valve, perf upper DK from 7413' - 7471' w/21 shots as follows: 7413-15-19-21-24-26-28-31-33-49-51-53-55-57-59-61-63-65-67-69-7471, press to 2000# during perfing ½ BPM @ 2000#, acidize upper DK w/500G 15% HCl w/33 balls sealers @ 9 BPM max. 3780#, avg. 2230#, ISIP 2070#, good ball action, balled off, RIH ret 33 balls, 19 hits, Frac Upper DK w/53,076 G 15# XL gel @ 35 BPM max. 3407#, avg. 3100#, ISIP 2500#, RIH & WL set BP @ 5700', test 4000# OK, Perf Point Lookout from 5299' - 5592' w/32 holes as follows: 5299-5304-11-15-38-43-55-59-63-70-76-82-5409-19-23-27-31-35-41-44-47-62-64-74-80-88-5501-09-13-76-82-5592, press to 2000# during perfing BD perfs @ 2000# ½ BPM w/ rig pump.
- 6/19/98 RU BJ, acidize PL perfs (5299'-5592') w/500 G 15% HCl w/48 ball sealers @ 12 BPM max. 4460#, avg. 1450#, ISIP 1847#, good ball action, balled off, RIH w/WL JB ret 48 balls, 31 hits, frac PL w/71,694 G 15# XL gel w/ 108,000# 20/40 AZ & 11,957# 20/40 SDC @ 50 BPM, max. 1765#, avg. 1500#, ISIP vac, RIH set BP 5250', Perf Menefee from 5011' - 5216' w/25 holes as follows: 5011-14-17-20-23-39-42-47-50-91-95-5102-04-49-51-63-66-69-72-75-78-99-5201-14-5216, press to 2000#, did not BD TOO H, acidize Menefee perfs w/500G 15% HCl w/40 ball sealers @ 11.5 BPM, good ball action, RIH, 40 balls, 27 hits, Frac Menefee w/48,174 G 15# XL gel w/64,000# 20/40 AZ & 5,378# 20/40 SDC @ 40 BPM, RIH set BP @ 4950', perf Cliffhouse 4839' - 4929' w/20 holes as follows: 4839-41-49-51-85-87-89-93-95-97-99-4905-07-13-15-17-21-25-27-4929, press to 2000# during perfing, acidize Cliffhouse perfs w/500G 15% HCl w/30 ball sealers @ 12 BPM, max. 4100#, avg. 2000#, ISIP balled off, good ball action, RIH ret 30 balls, 24 hits, Frac Cliffhouse w/31,626 G 15# XL gel w/37,064# 20/40/AZ & 2500# 20/40 SDC @ 35 BPM, max. 2950#, avg. 2252#, ISIP 1075#, max. sand conc. 4#/gal.
- 6/22/98 RU gas comps & blewey line, TIH, tag fill @ 4814', unload well w/gas, CO thru Cliffhouse to first BP @ 4950', DO BP & circ. hole clean, PU tbg to 4624'.
- 6/23/98 BD tbg to pit, kill tbg w/20 bbls 1% KCl, TIH from 4624' to tag fill @ 5130', unload well, CO to next BP @ 5250', DO BP 7 cont. in hole tag fill @ 5578', CO to 5700', circ. clean, PU tbg to 4815'.
- 6/24/98 Install ½" choke for test of MV stabilized **MV test as follows: 150# TP, 440# CP, 20 BWPD, 1 BOPD, 990 MCFPD, test witnessed by Victor Barrios w/Flint Eng.**, remove choke, kill tbg TIH tag fill @ 5665' (35' of fill overnight) CO to BP over upper DK @ 5700', DO BP, cont. in hole tag fill @ 7450' (65' of fill over nest BP @ 7515', circ. clean, PU tbg to 7280'.
- 6/25/98 BD & kill tbg w/10 bbls 1% KCl, TIH tag fill @ 7480', CO to BP @ 7515' DO BP & CO to PBTD @ 7660', circ. clean, TOO H w/ MM & tbg TIH w/ ½ muleshoe, 2-3/8" SN & tbg to 7409'.
- 6/26/98 BD tbg to pit, kill tbg w/10 bbls 1% KCl, TIH w/ tbg from 7409' to tag fill @ 7630', circ. clean to 7660', cont. pumping, PU tbg to 7504'.
- 6/29/98 DK test after weekend drywatch, ½" choke test of DK as follows: **50# TP, 500# CP, 2 BOPD, 15 BWPD, 330 MCFPD, test witness Victor Barrios w/Flint Eng.**, remove choke TIH w/tbg from 7504' to 7645', circ. clean to PBTD @ 7660', circ. clean, PU tbg to 7454' land w/ 235 jts 2-3/8" tbg w/SN & ½ muleshoe on btm, NDBOP, NUWH, kick off well w/gas comps, RDMO.