

CONOCO, INC.
SAN JUAN 28-7 UNIT #215M
410' FNL & 2250' FWL, UNIT LETTER 'C'
SEC. 04, T-27-N, R-07-W

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OIL CON. DIV.
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5/11/98 MIRU.

5/12/98 Tag cmt @ 7616', DO cmt to FC @ 7696' DO FC & cont DO cmt to 7736' circ hole clean pressure test csg to 4000E OK, TOC by TS was estimated #3400', TOC by fill up calculates @2284' run TDT log from 7730' - 2300' sent TDT log to Midland.

5/13/98 RU Blue Jet run GR correlation log from 7730' - 7200' good correlation on GR, NU 7 1/16 frac valve & "Y", Perf DK w/30 holes @ 7516', 19, 22, 25, 28,35, 37, 51, 55, 7602, 04, 28, 31, 34, 37, 40, 55, 58, 61, 67, 74,80, 82,88, 90, 97, 7708, 7710, perfed w/2000# on csg RD WL RU BJ test line.

5/14/98 RU BJ acid pump, acidize DK perfs (7516'-7710') w/500 G 15% HCL w/45 ball sealers @ 12.5 BPM, Max 4000#, avg 2100#, good ball action, balled off, surged off balls, ISIP 2100#, TIH w/JB ret 45 balls, 21 hits, FRAC DK w/80,000 G 15# Gel w/124,000# 20/40 Ottawa & 16,000# 20/40 SDC @ 45 BPM Max 4200# Avg 3900#, ISIP 2100#, Max sand conc 4#/gal, TIH w/4 1/2" comp BP set @ 5750', pressure test BP to 5000# OK, Perf Point Lookout w/30 holes from 5454' - 5645' as follows: 5454', 56, 79, 82, 85, 87, 91, 94, 97, 5505, 08, 11, 14, 21, 23, 29, 31, 47, 50, 53, 67, 70, 85, 87, 93, 95, 99, 5628, 39, 5645', BD perfs w/rig pump after perforating, NU BJ acidize PL perfs w/500G 15% HCL w/45 balls @14 BPM Max 4500#, Avg 1200, good ball action balled off, surged balls, went on vacuum, RIH w/WL JB ret 45 balls, 29 hits, Frac Point Lookout w/53,000G 15# XL gel w/72,000# 20/40 AZ & 8,000# 20/40 SDC @ 48 BPM Max 1100#, Avg 1000#, ISIP Vac, Max sand conc 2.5#/gal, RIH w/BP set @5440', test 4000# OK, Perf Menefee w/26 holes from 5102' - 5391' as follows: 5102', 04, 5240, 42, 44, 86, 88, 90, 95, 97, 99, 5301, 03, 05, 07, 19, 21, 46, 50, 79, 81, 83, 85, 87, 89, 5391'.

5/15/98 Acidize Menefee (5102' - 5391') w/500G 15% HCL w/40 ball sealers @ 12 BPM Max 4300#, Avg 2800#, good ball action, balled off surged balls, ISIP 1000#, RIH w/WL JB ret 39 balls, 22 hits, Frac Menefee w/44,000 G 15# XL Gel w/52,000# 20/40 AZ & 6000# 20/40 SDC@ 42 BPM Max 4400#, Avg 3000# ISIP 1100#, Max sand conc 2.5#/gal, RIH & set BP @ 5080' test to 4000# OK, Perf Cliffhouse w/25 holes from 4942' - 5030' as follows: 4942', 46, 48, 53, 59, 61, 63, 65, 67, 69, 90, 92, 94, 98, 5000, 05, 07, 09, 11, 15, 17, 21, 23, 27, 5030, BD perfs w/rig pump @ 3500#, NU BJ acidize Cliffhouse w/500 G 15% HCL w/40 ball sealers @12 BPM, Max 4400#, Avg 2300#, good ball action, balled off, surged balls, went on vacuum, TIH w/WL JB ret 38 balls, 20 hits, Frac Cliffhouse (4942'-5030') w/40, 278G 15# XL Gel w/44,000# 20/40 AZ & 6000# 20/40 SDC @47 BPM Max 3100#, Avg 2300#, ISIP 800#, Max sand conc 2.5#/gal.

5/18/98 Tag fill @4991' Cliffhouse perfs (4942'-5030') unload well CO to BP @5080', DO BP & circ well clean @ 5090', PU tbg to 4675'.

5/19/98 CO fill to next BP @5440' DO BP & cont CO to tag fill @5750', circ hole clean, PU tbg to 5050'.

5/20/98 MV test as follows: thru 1/2" choke, tbg 135#, csg 385#, 15 BWPD, 0 BOPD, 891 MCFD witnessed by Victor Barrios W/Flint Engineering tag fill @ 5720' circ hole clean over top of BP @5750' & DO same, PU tbg to 5050'.

5/21/98 Tag fill @ 7640' sweep hole clean, TIH w/1/2 muleshoe, 2 3/8" SN & 234 jts 2 3/8" SN & 234 jts 2 3/8" tbg to 7420'.

5/22/98 DK test as follows: 1/2" choke on tbg, 480# csg, 1 BOPD, 10 BWPD, 462 MCFD, test witnessed by Victor Barrios W/Flint Engineering, tag fill @ 7700' CO to PBTD @ 7736' circ hole clean PU tbg to 7516'.

5/26/98 Tag fill @ 7730' CO to PBTD @ 7736' circ clean PU tbg to 7528' land tbg w/238 jts, 1/2 muleshoe & SN on bottom, DK perfs from 7516' - 7710', NDBOP, NUWH, RDMO.