

Diagrammatic sketch of well with downhole commingling
Federal GR C-1, 2050/N 660/W Sec 25-17s 4E, Eddy Co

Elev. 3693 GL = 3708 KB

Spudded: 10-31-76
 TD Reached: 11-24-76
 Completed: 1-18-77

Producing thru tubing

17 1/2" hole to 270' KB

13 3/8" csg set @ 270', cmt'd w/ 225sx to surface.

12 1/4" hole to 1003' KB

8 5/8" csg set @ 1000', cmt'd w/ 450sx to surface

Top of San Andres @ 548 KB
 Base of Artesian Water Zone @ 870 KB

Top of Abo @ 3888 KB

Top of Wolfcamp @ 5010 KB

Wolfcamp perforations

Gas TSTM

Top of cement @ 4590' KB.

Perf 5015-20 20" 0.34"

Trtd w/ 1000g. 15% DS-30 + N₂, gas flow TSTM

Trtd w/ 20000g. 20% Dolotrol + CO₂, gas flow TSTM

Top of primary cement @ 5112' KB. Pf csg @ 5100.
 & block squeeze w/ 50sv Pozmix + 50sv CLC. (Ref BPO 5140).

Top of Cisco @ 6145 KB

Cisco perforations

Flowed 110" m/1/2" CL

fr Cisco & Strawn = 740 mcfpd

Cisco = 640 mcfpd

Pf 6214-18, 6221-26 36" 0.34"

Trtd w/ 2000g. 15% DS-30 + N₂ & Ball sealers

Trtd w/ 10000g. 20% Dolotrol

Top of Canyon @ 6996 KB

Canyon Perforations

flowed 60" m/1/2" CL from Canyon & Strawn = 100 mcfpd

Packer w/ Standing Valve @ 7208' KB

Pf 7248-7254 w/ 24" 0.34" jets

Trtd w/ 1000g. 15% DS-30 + N₂

Top of Strawn @ 7300 KB

Strawn Perforations

Flow TSTM, est. 25 mcfpd

Packer w/ standing valve @ 7374 KB

Pf 7404-7408 w/ 16" 0.34" jets

Trtd w/ 1000g. 15% DS-30 + N₂

Top of Atoka @ 7609 KB

PBTD = 7562' KB

Ran 238 jts 4 1/2" 11.6" & 10.5" KSS
 new casing (7621') set @ 7621' KB
 Cmt'd w/ 895sx CL H Cmt.

Csg Shoe @ 7621' KB. 50sx plug in openhole @ 7800-7650'

TD = 8200' 7 1/2" bit