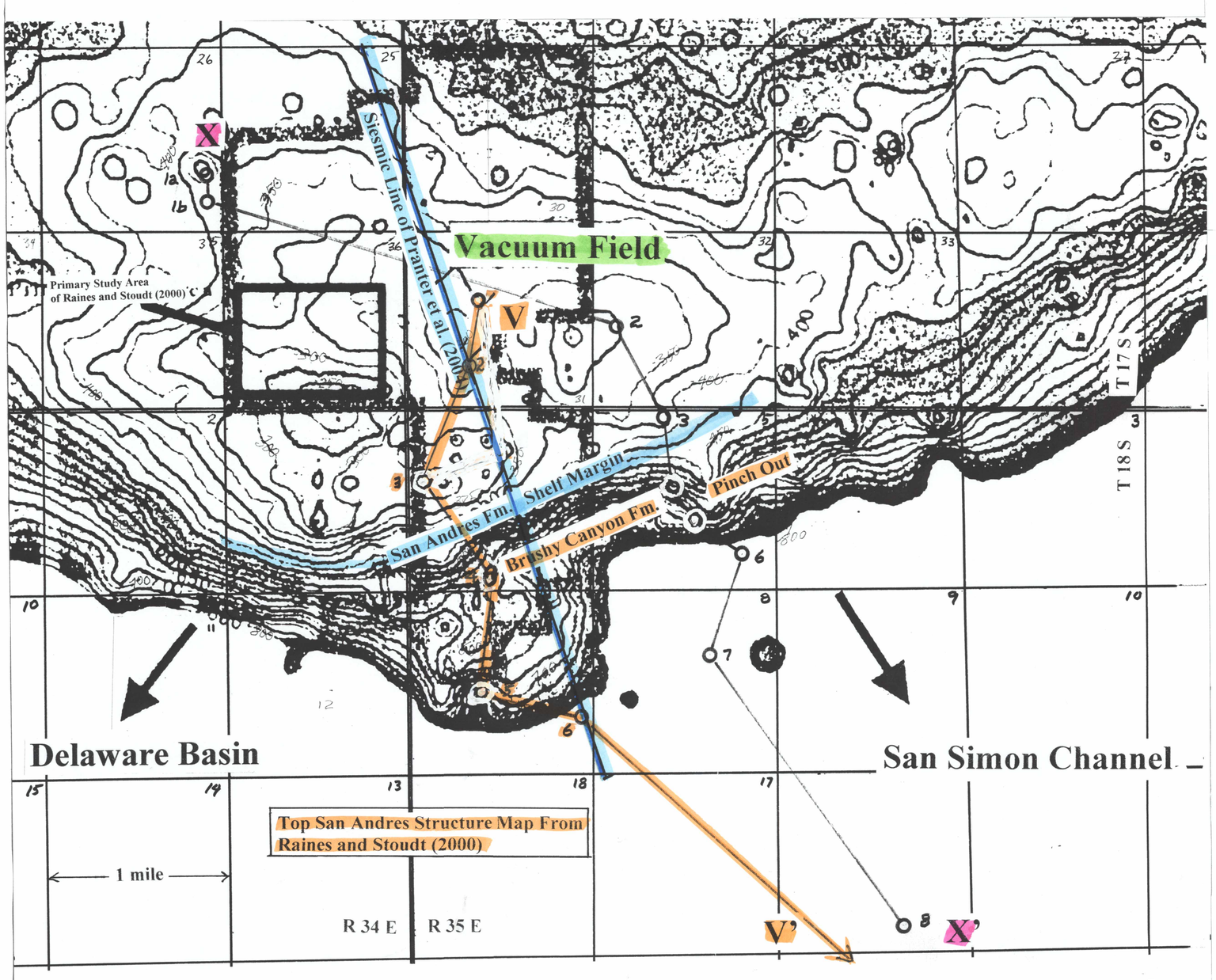
? What San Andres Bypass Surface Equates to the Brushy Canyon Fm. ?



1. Base Lovington ss ?

- Favored by Meissner (1972)
- Indicated on west part WTGS 1991 Cross Section (Hamilton, et al., Pub. 91 -88)
- Suggested by this Poster (Tyrrell, 2009) using Vacuum Field Siesmic section in Pranter, et al. (2004) and Cross Sections V – V' and X – X'

2. "Middle" San Andres Bypass Surface ?

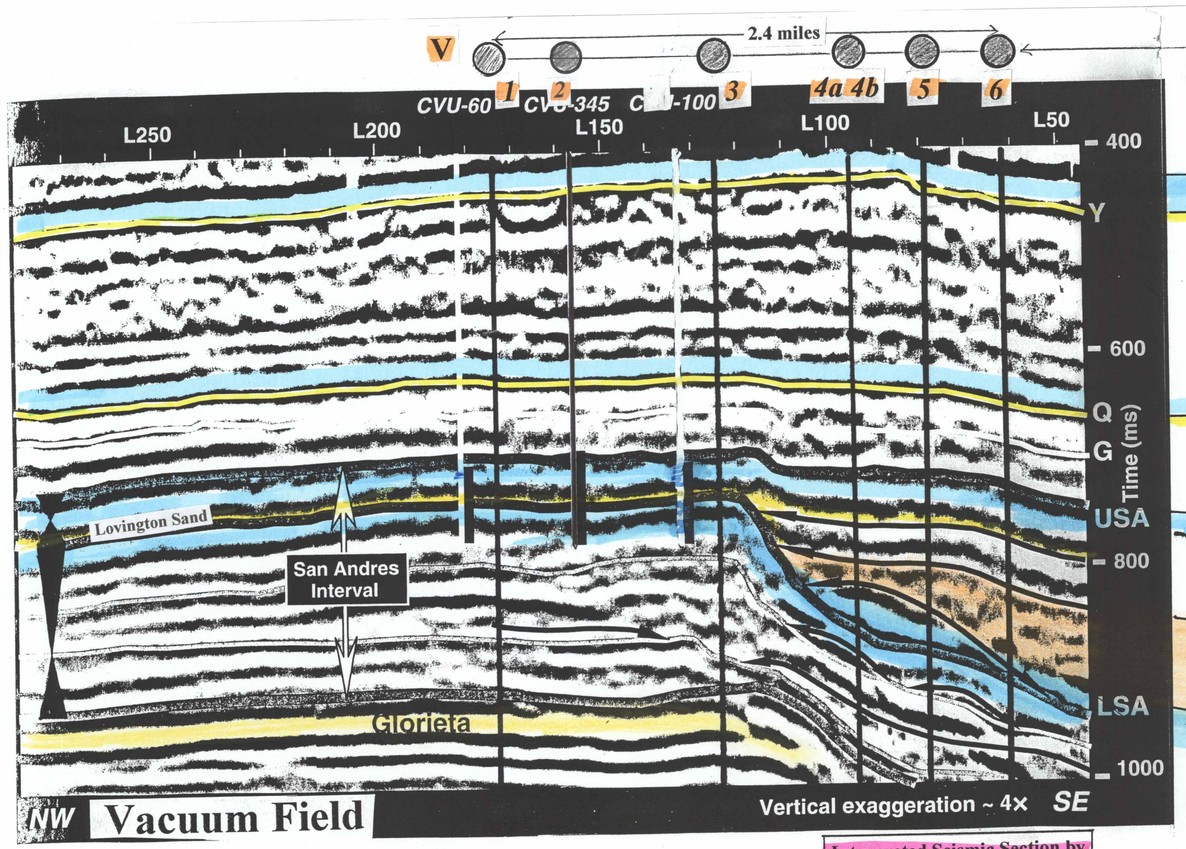
- Favored by Kerans and Fitchen's (1995) Outcrop Study, Guadalupe Mountains
- Favored by Stoudt and Raines' (2000) Vacuum Field Core Study

3. Other or Combination of Bypass Surfaces ?

- ???

References Cited

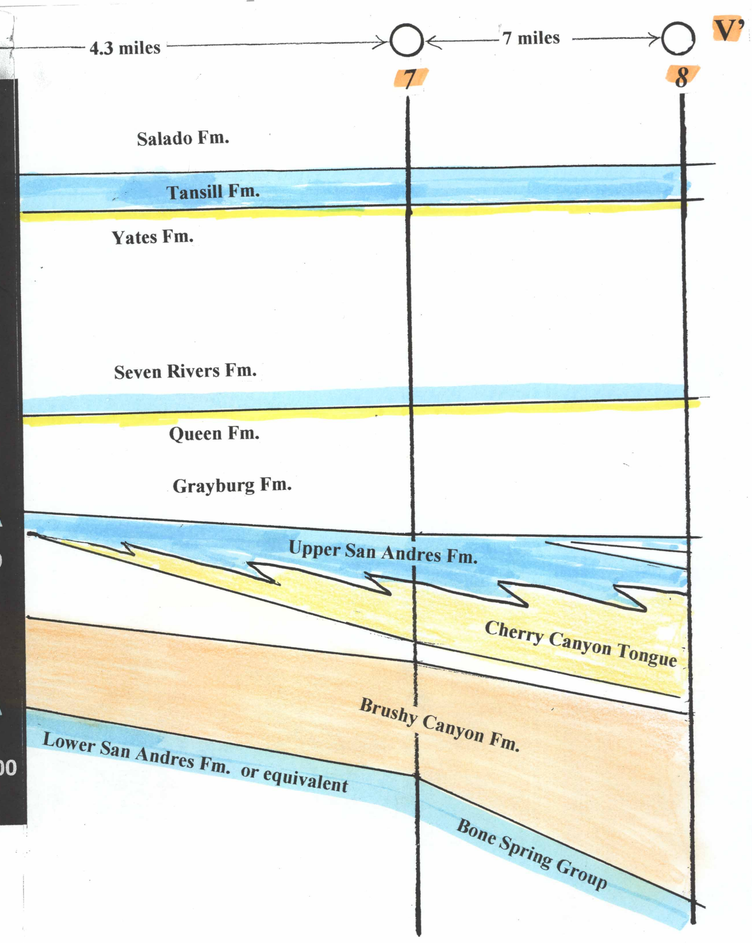
- Hamilton, et al., 1991, Cross Section from the Delaware Basin to the Midland Basin, Lea Co., NM to Gaines Co., TX; WTGS Pub. 91 -88
- Karens and Fitchen, 1995, Sequence Hierarchy and Facies----------:San Andres Fm. of Algerita Escarpment and Western Guadalupe Mountains, West TX and NM; BEG., U T Austin, RI # 235
- Meissner, 1972, Cyclic Sedimentation in Middle Permian Strata of the Permian Basin, West TX and NM, *in* WTGS Pub. 72 -60
- Pranter, Hurley, and Davis, 2004, Sequence-Stratigraphic, Petrophysical, and Multicomponent Siesmic Analysis of a Shelf-Margin Reservoir: San Andres Formation (Permian), Vacuum Field, New Mexico, USA, *in* AAPG Mem. 81
- Stoudt and Raines, 2000, Karst Features in the San Andres Formation on the Northwest Shelf in the Permian Basin – They're not just at Yates Field anymore, *in* WTGS Pub. 00 -107
- Tyrrell, 2009, this Poster (Siesmic and Cross Sections V –V', X –X')



Highstand sequence set

Transgressive sequence set

Interpreted Seismic Section by Pranter, et al. (2004)



Vacuum Field
Maps and Seismic Section
To Accompany
Cross Sections V –V' and X –X'

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