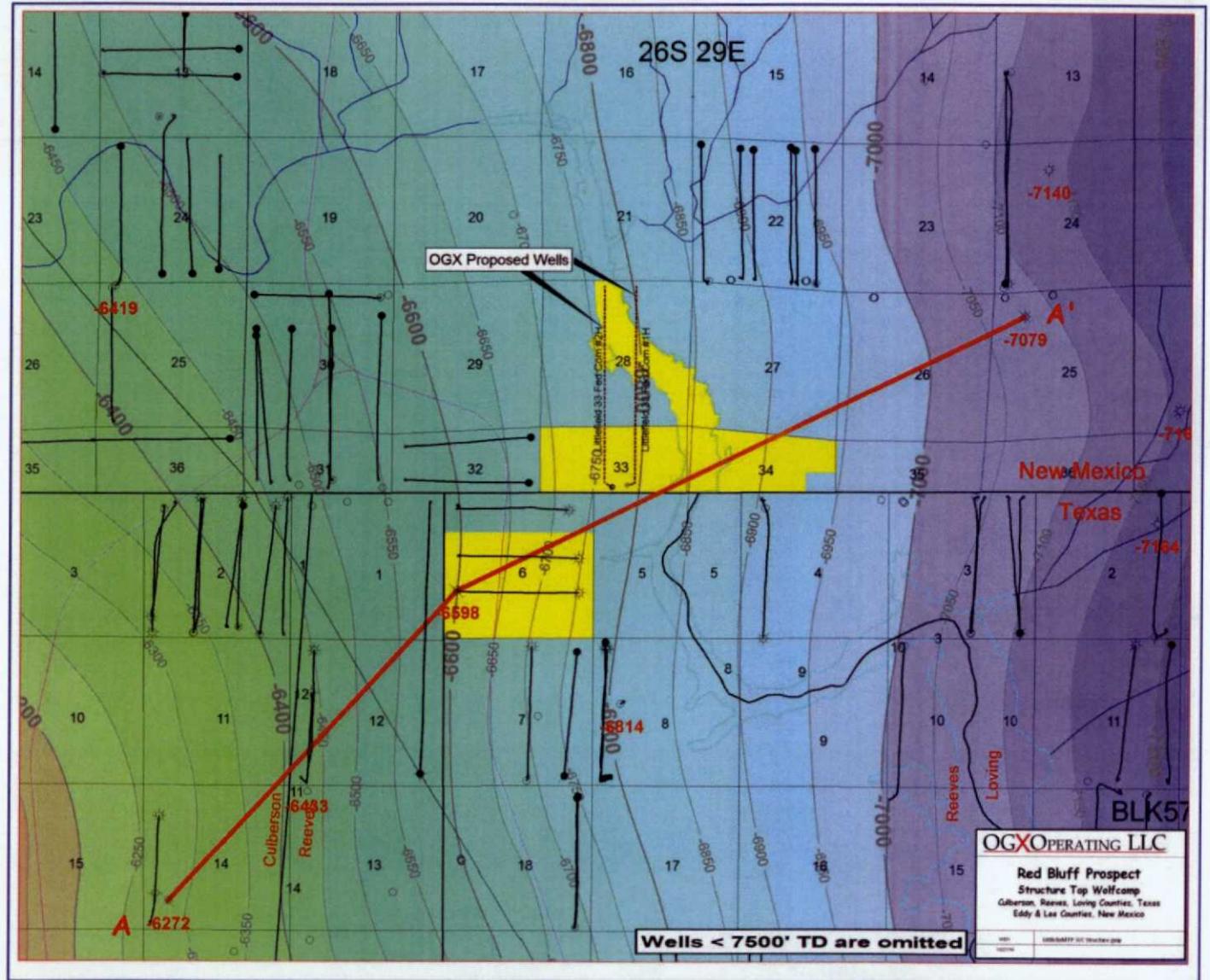




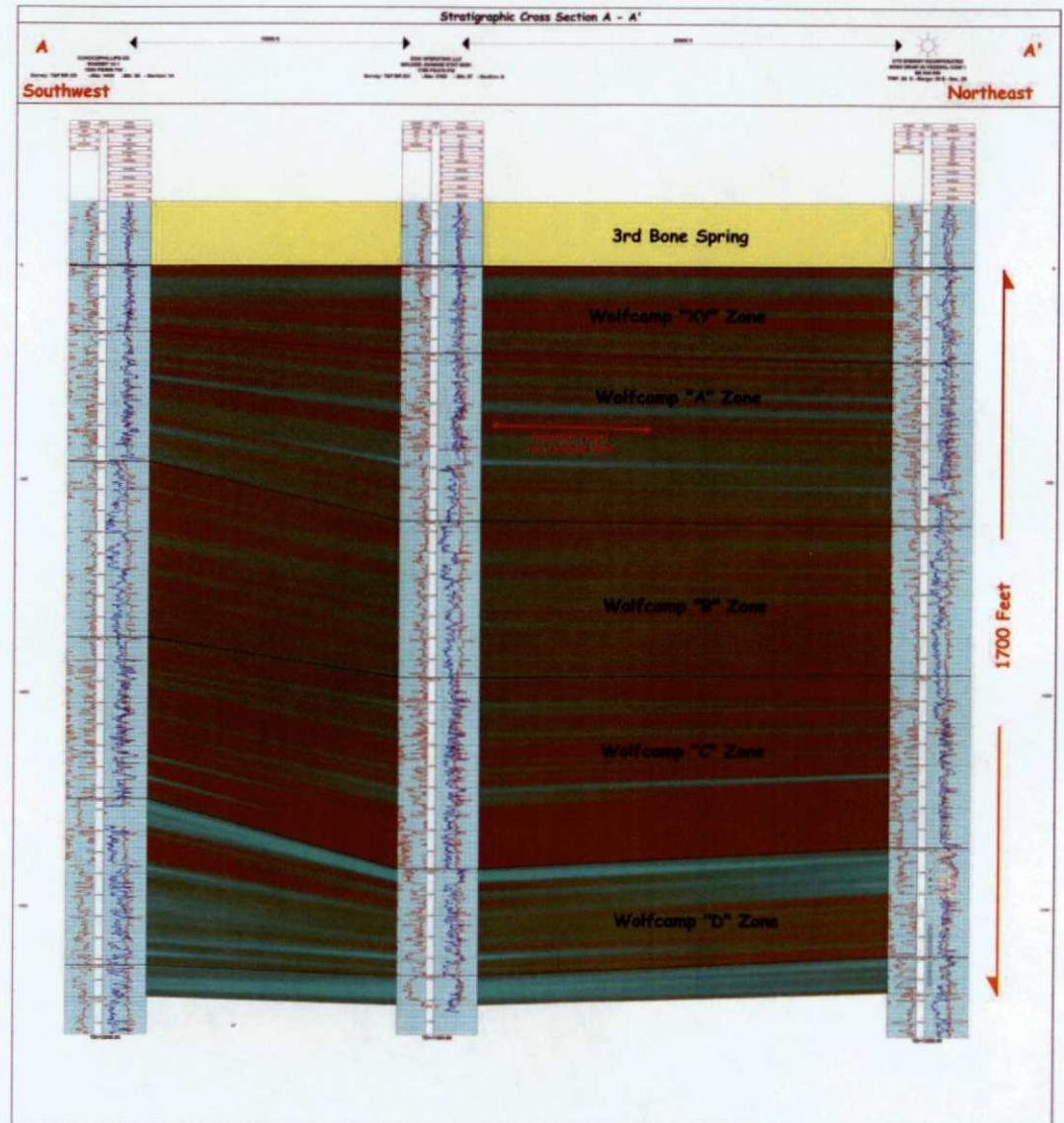
## Structure Map on Top of Wolfcamp

- Contour interval is 50' with greens being high and purple being low.
- Regional dip at the Wolfcamp is 100' per mile to the east.
- The horizontal target for the Littlefield wells is the Wolfcamp "A" zone which is approximately 350' below the top of the Wolfcamp.
- Target zone depth is 10,000' TVD
- Cross section A – A' is shown in the next exhibit.



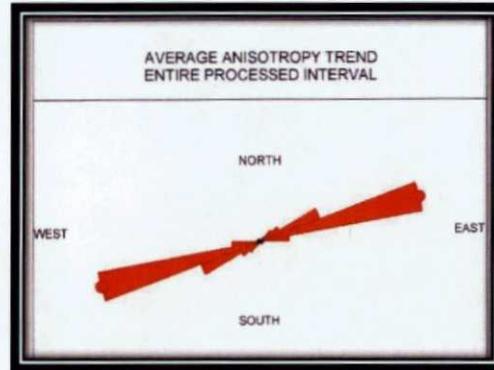
## Stratigraphic Cross Section A – A'

- Stratigraphic cross section is hung on the Top of the Wolfcamp Formation.
- The stratigraphic target for the Littlefield wells is shown with the red arrow in the Wolfcamp "A" Zone
- On the cross section, the brown colors indicate organic rich shale and the blue color indicated limestone.
- Although it is OGX's intent to target the Wolfcamp "A", each of the other subzones in the Wolfcamp are also potential targets for future development.



## Maximum Principal Stress in the Red Bluff Area

- A dipole sonic log was run in OGX's Red Bluff 57-38 #1H pilot hole (just south of the Littlefield area) in order to determine maximum principal stress orientation for the Wolfcamp Formation
- With a maximum principal stress of N75°E, the optimal direction for horizontal wellbores in north-south.



**Maximum Principal Stress = N75°E**

