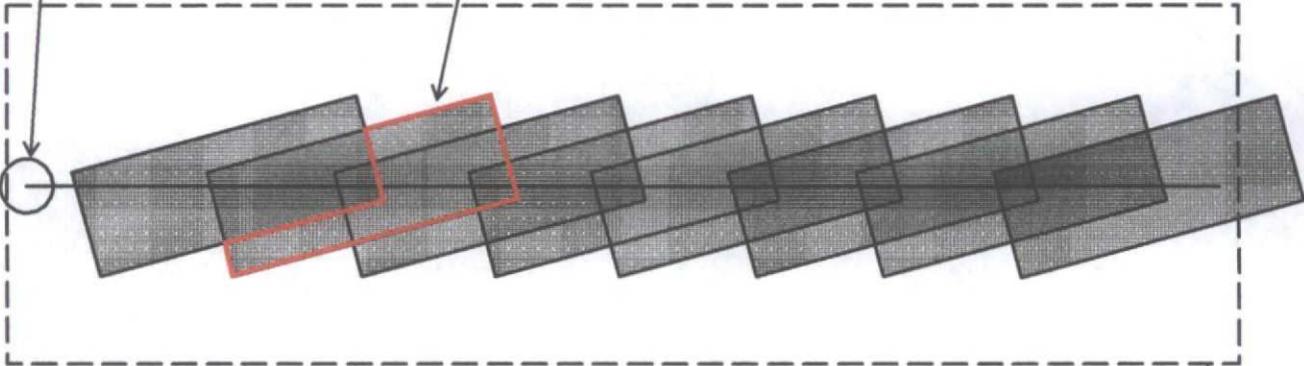




Yates Petroleum
(Alternate Orientation)
Quijote BQJ State 1H
480' FWL & 1980' FNL
Sec 2E 26S 32E

Surface
Location

Average size of microseismic frac
clouds. Red outline is added SRA from
stages 2 through 8.



Microseismic data indicated frac clouds averaged 550' of half length, 400' width, and 200' height with orientation of N75°E. Without overlap, stimulated reservoir area (SRA) is 2.3 million sq ft. Proration unit area less setbacks is 6.1 million sq ft. SRA to proration unit ratio is 38%. Loss of SRA due to poor wellbore orientation is 34%.

Scale 1" = 700 feet

Equivalent 160 acre proration unit with setbacks to end boundaries spaced equidistantly to the ends of the frac clouds.

Section
Outline

Yates

Oil Conservation Commission
Case No. 15035715044
Exhibit No. 15