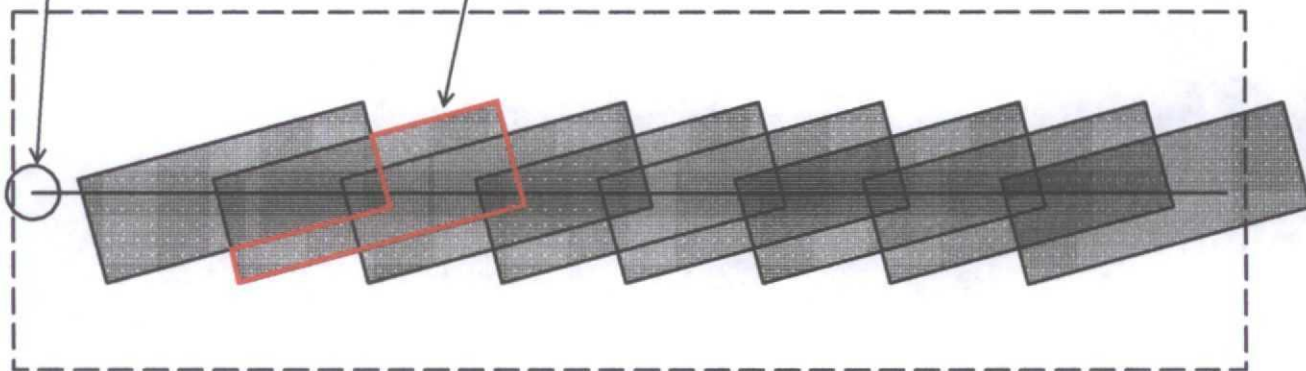




Yates Petroleum
(Alternate Orientation)
Quijote BQJ State 1H
480' FWL & 1980' FNL
Sec 2E 26S 32E

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

Section
Outline

Oil Conservation Commission
Case No. 15035 & 15044
Exhibit No. 15

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