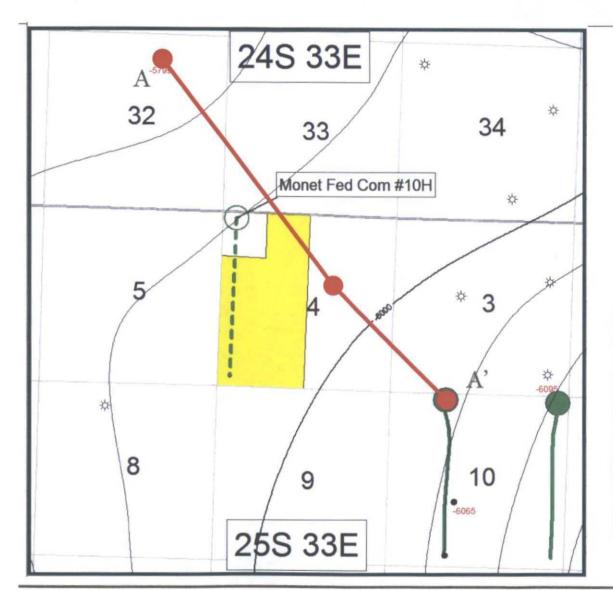
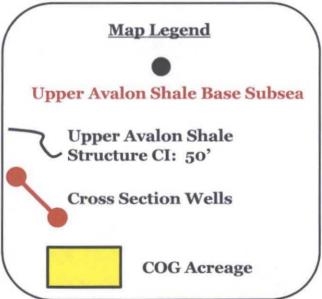


Upper Avalon Shale Structure Map





BEFORE THE OIL CONVERSATION

DIVISION
Santa Fe, New Mexico
Exhibit No. 5
Submitted by: COG Operating LLC
Hearing Date: January 8, 2015