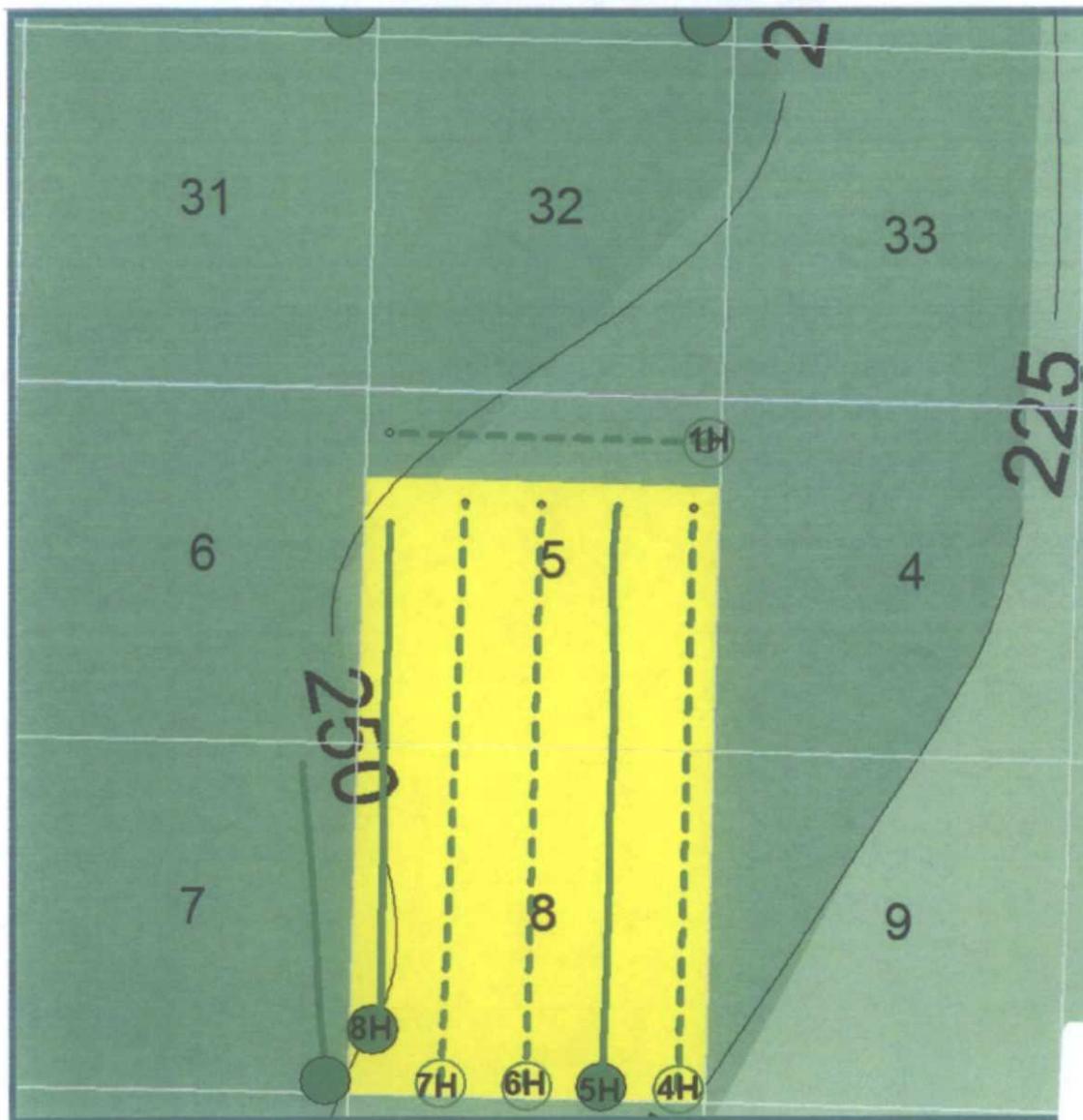


Upper Avalon pay map (thickness in feet)

>8% DPHI
>85 API GR



BEFORE THE OIL CONVERSION
COMMISSION
Santa Fe, New Mexico
Exhibit No. 15
Submitted by: COG OPERAING LLC
Hearing Date: June 19, 2014