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this zone will be hydrocarbon productive.

P-2. This interval logged a total of 41 net feet of dolomite porosity greater than 6% (maximum - 18%). There is an upper zone (2481-2520) of 35 net feet and a lower zone (2541-51) of 6 net feet. Water saturations (Sw) in the upper zone ranged from 43-71%. In the lower zone the range was 66-75%. Sample porosity was good to excellent; however, sample stain and fluorescence was only fair. These factors suggest that the P-2 is wet.

P-3. There are 8 net feet of greater than 6% dolomite porosity (maximum - 11%). The water saturations are high (58-65%), the permeability is low, and the samples are limy and tight. The zone is very likely wet.

Queen Sand: Log calculations were made using  $R_w$  values based on sidewall core analysis from the #1 Miller-Olsen. The sand calculates to be very highly water saturated.

Yates Sand: The results of log calculations in the Yates Sand were similar to those of the Queen.

Respectfully Submitted,

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