

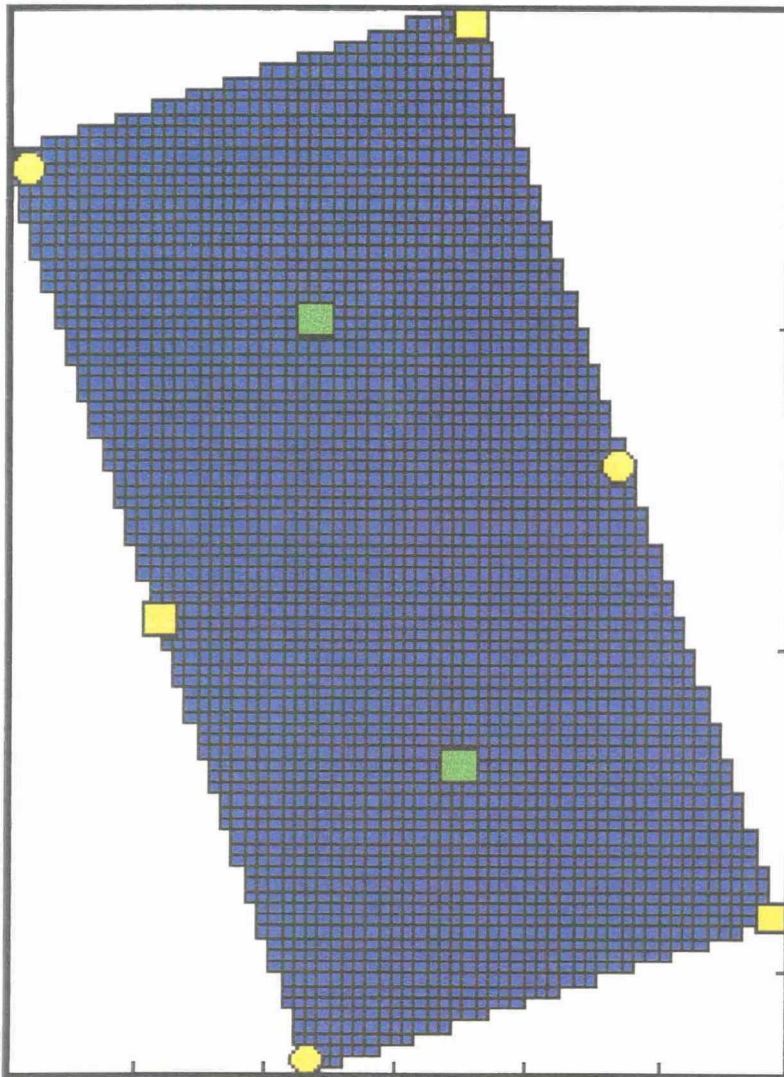


Figure 4: Simulation grid used in analysis showing locations of eight wells included in the model.

The model contains eight wells. The yellow squares represent 320-acre wells. Yellow circles represent 160-acre wells. Green squares represent the two infill well locations.

Mesa Verde Rock Properties/Uncertainties

The rock properties inputted into the model are as follows:

- A) Porosity of all three layers, $\phi = 8\%$,
- B) Water Saturation of all three layers, $S_w = 35\%$,
- C) Cliffhouse Net Sand = 82 feet,
- D) Menefee Net Sand = 51 feet, and
- E) Point Lookout Net Sand = 58 feet.

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 12122 Exhibit No. 18
Submitted By:
CONOCO, Inc.
Hearing Date: February 4, 1999

The above rock properties are average values of log analysis performed by Tom Johnson.

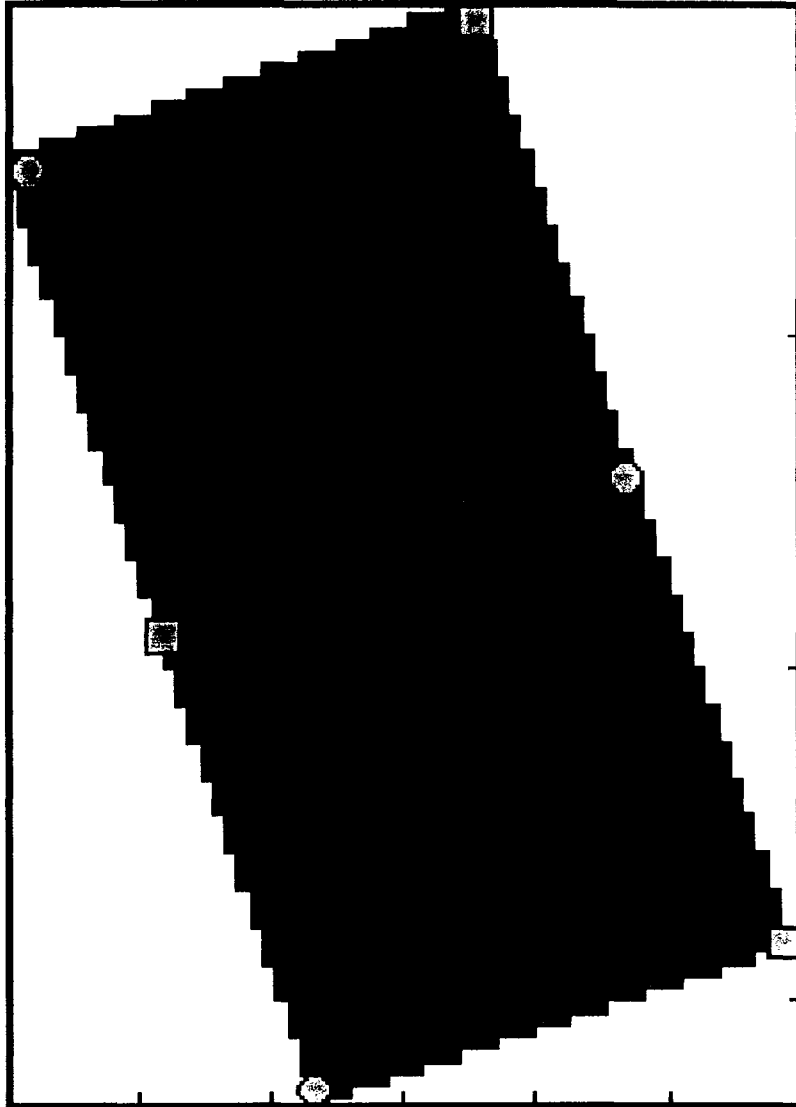


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