275 mmstb oil
110 mstb oil

skin = 45 includes pressure drop to well
Wellbore storage = 0.35 ft<sup>3</sup> / psi
k = 500 md

B = 2.58 - 2.56

v<sub>0</sub> = 0.168 cp

C<sub>0</sub> = 14.6 x 10<sup>-6</sup> psi<sup>-1</sup>

C<sub>W</sub> = 3 x 10<sup>-6</sup> psi<sup>-1</sup>

C<sub>t</sub> = 19.4 x 10<sup>-6</sup> psi<sup>-1</sup>

Sw = 10%
Porosity = 21%

C<sub>t</sub> = C<sub>T</sub> + (1-Sw)C<sub>0</sub> + SwC<sub>W</sub>

Q = 45,000 bbl/day

Q<sub>p</sub> = 2029 hrs

2.03 hrs at 40,000 bbl/day to represent shut-in

Initial pressure 8499.44 psi
Average pressure 6898 psi

88 ft thick

Fluxing pressure before shut-in 2356 psi