DRAINAGE CALCULATION

1. Enron Cedar Lake 35 Fed#1 is 1980' from section 36.

2. There are 70.7 Acres within a 1980' radius of the Enron 35 Fed#1 and 2650 Ac-Ft.

3. Porosity = 10%, SW = 25%, $Bgi = \dfrac{5.090(520)}{15.02(.98)631} = 285$

4. OGIP MCF/Ac Ft = 43.56(.10)(1-.25)(285)=931.1 MCF/AcFt

5. OGIP of a 1980' planimetered radius around the Enron 35 Fed #1 (931.1 MCF/AcFt)(2650 AcFt) = 2.47 BCF

6. Once cumulative production of the Enron 35 Fed#1 exceeds 2.47 BCF, drainage is occurring from section 36.

7. Approximate cumulative production of the Enron 35 Fed#1 is 9.4 BCF through May 1994. Current production rate is 17+ million cubic feet per day.