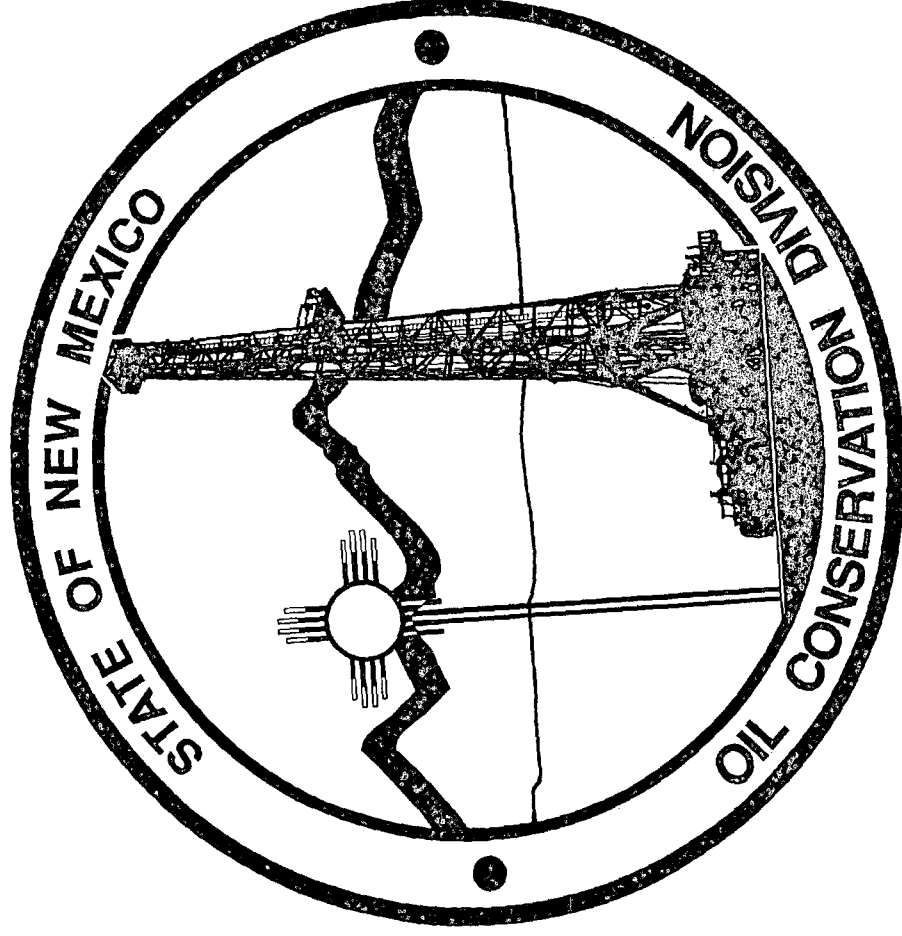


CASE NO. 14015
OCD EXHIBIT 10



Verification of Infiltration and Aquifer Recharge

- **Ogallala Water Study Lea County New Mexico - U.S.**
GEOLOGICAL SURVEY WATER-RESOURCES INVESTIGATIONS REPORT 84-4062

- ++ Estimates a recharge of approximately of $\frac{1}{4}$ inch to $\frac{1}{2}$ inch per year.
- ++ The long term study used .38 inch/ year.

• **OCD Observations of Groundwater in Monitoring Wells**

- ++ OCD has data showing the rise of groundwater in monitor wells located in Lea County.
- ++ A few wells showed a recharge of the local aquifer to rise as much as 10 feet.
- ++ Other wells were noted to have actually decreased.

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