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 NOV 27 1989
 COLO. OIL & GAS CONSERVATION COMMISSION



00204070

COLORADO OIL AND GAS CONSERVATION COMMISSION
 1580 Logan St., Suite 380
 Denver, Colorado 80203

RECEIVED

MEMO

November 9, 1989

NOV 09 '89

WATER RESOURCES
 STATE ENGINEER
 COLO.

To: Mr. John Romero
 Division of Water Resources

From: Mr. Ed DiMatteo, Underground Injection Control Program

Subject: Need for Hydrologic Information

The Oil and Gas Conservation Commission has received an application for a water injection well to be located;

<u>qtr/qtr</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
NE NE	29	- 7 N	- 53 W

Logan County.

- 1) Well Name: State A-1 Field: Atwood
- 2) Injection Zone(s): J Sand
- 3) Depth of Injection Interval: 4696' to 4711'
- 4) Proposed Injection Pressure: 800 psig
- 5) Frac Gradient or Pressure (BHP): .65 psi/ft
- 6) Volumes of Fluid to be Injected: 1,000 bbl/day
- 7) TDS of Injection Zone Fluid: 4,526 (mg/l)
- 8) TDS of Fluid to be Injected: 4,526 (mg/l)

9) Well Construction Data

	<u>casing size</u>	<u>hole size</u>	<u>depth</u>	<u>amt cement</u>
<u>Surface casing</u>	10 5/8	12 1/4?	180'	155 sks
<u>Longstring casing</u>	7	8 3/4?	4,740'	150 sks

Please furnish the Commission the name and depth of any aquifer in the area that is a known or potential fresh water strata. We would also like a list of the water wells within one half mile of this location. Any other information with regard to distance to streams, ditches or outcrops would be very helpful.

Thank you