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COLO. OIL & GAS CONSERVATION COMMISSION



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COLORADO OIL AND GAS CONSERVATION COMMISSION

1580 Logan St., Suite 380
Denver, Colorado 80203

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NOV 09 '89

WATER RESOURCES
STATE ENGINEER
COLO.

MEMO

November 9, 1989

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