

MEMO

April 29, 2009

TO: Mr. Michael Schaub
Division of Water Resources

FROM: Mr. David Dillon, Oil and Gas Conservation Commission

SUBJECT: Need for Hydrologic Information

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

<u>qtr/qtr</u>	<u>Section</u>	<u>Township</u>	<u>Range</u>
NE SE	8 -	6 S -	91 W

Garfield County

- 1) Well Name: Kokopelli SWD Well Field: Kokopelli
- 2) Injection Zone(s): Cozette and Corcoran Formation
- 3) Depth of Injection Interval: 7,600' – 7,979'
- 4) Proposed Injection Pressure: 2780 psig
- 5) Frac Gradient or Pressure (BHP): .8 psi/ft
- 6) Volumes of Fluid to be Injected: 0 – 6,000 bbl/day
- 7) TDS of Injection Zone Fluid: > 23,000 (mg/l)
- 8) TDS of Fluid to be Injected: > 23,000 (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>	9 5/8"	13 1/2"	1,500'	872 sks TOC surface
<u>Longstring casing</u>	5 1/2"	8 3/4"	8,229'	835 sks TOC 2000'

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.