

- (5) Overlying and Underlying Oil and Gas Zones: There are no overlying oil and gas zones. Nearby oil and gas completions, and attempted completions, are as follows:

<u>WELL #</u>	<u>WELL LOCATION</u>	<u>COMPLETION INTERVAL</u>		<u>PRESENT STATUS</u>
1	UL.P-Sec.28	4888-4915	Delaware	Oil Well
2	C 34	3462-3480	Delaware	Last Prod. 1-76
1	N 27	3444-3464	Delaware	Gas Well
4	F 27	3440-3459	Delaware	Last Prod. 2-76
5	K 27	8235-8500	B.Springs	Gas Well
10	E 27	14,305-14,405	Morrow	Gas Well
8	G 27	12,065-12,154	Wolfcamp	Gas Well
9	C 34	10,936-11,082	-	Shut in

- V. MAP: The attached Land Plat shows wells and leases within two miles of the proposed injection well, and the proposed injection well's "area of review".

VI. WELLS IN THE AREA OF REVIEW: None

VII. PROPOSED OPERATIONS DATA:

- (1) Proposed Average Daily Injection Rate: 5000 bbls.
Proposed Maximum Daily Injection Rate: 10,000 bbls.

(2) Type of System: Open.

- (3) Proposed Average Injection Pressure: 500 psi
Proposed Maximum Injection Pressure: *668 psi

(4) Sources of Injection Water: Delaware and Wolfcamp formations. Water analyses are attached.

(5) Receiving Formation: Delaware formation. Attached water analyses are applicable.

* Until fracture gradient is determined, maximum injection pressure will be based on a 0.2 psi/foot gradient.

VIII. INJECTION FORMATION:

(1) The injection formation is the Delaware sand, which is a very fine grained quartz sand with variable porosity and permeability and with occasional thin lime and shale beds. Top of the Delaware lime in this well is at 3290 feet, and top of the Delaware sand is at 3336 feet. Gross thickness of the Delaware is 3892 feet. Proposed injection is limited to the top 1218 feet.

(2) There are no known underground sources of drinking water in the area.

IX. STIMULATION PROGRAM: 5000 gallons acid.