

RANGER WELL NO. 6 SWD HEARING
Fresh Water Analysis*

1 mile

	Well No. 1 1/4 mi. NE**	Well No. 2 1/4 mi. NE**	Well No. 3 1 mi. E**	Well No. 4 1/4 mi. SE**	Well No. 5 1 mi. S**
Specific Gravity	1.00	1.00	1.00	1.00	1.00
Dissolved Solids	2192	2207	1528	1308	1214
pH	6.94	7.25	7.21	7.36	6.94
Calcium (mg/l)	200	187	67	67	53
Magnesium (mg/l)	85	81	45	62	40
Sodium (mg/l)	434	442	404	341	308
Bicarbonate (mg/l)	256	305	219	183	244
Carbonate (mg/l)	0	0	0	0	0
Hydroxide (mg/l)	0	0	0	0	0
Sulfates (mg/l)	416	491	192	185	68
Chlorides (mg/l)	800	700	600	500	500
Iron (mg/l)	0.40	0.50	0.30	1.60	19.30
Barium (mg/l)	0.07	0.05	0.06	0.10	0.09

* Samples taken on June 26, 1984.

Analysis done by Unichem International, Hobbs, New Mexico.

** Distance and direction from proposed injector.

BEFORE EXAMINER STOGNER OIL CONSERVATION DIVISION	
<i>Phillips</i>	EXHIBIT NO. <i>18</i>
CASE NO. <i>8279</i>	