COMPANY: _____

FIELD OR POOL Langlie-Mattix

SECTION ___ BLOCK ___ SURVEY ___ COUNTY Lea STATE NM

SOURCE OF SAMPLE AND DATE TAKEN:

NO. 1 Raw water - taken from water supply well. 12-18-90

NO. 2 Composite Produced water - taken from inlet @ gunbarrel #1. 12-18-90

NO. 3 Treated water - taken from injection pump discharge. 12-18-90

NO. 4 _____

REMARKS: _____

CHEMICAL AND PHYSICAL PROPERTIES				
	NO. 1	NO. 2	NO. 3	NO. 4
Specific Gravity at 60° F.	1.0095	1.0385	1.0118	
pH When Sampled	6.7	7.1	6.7	
pH When Received	6.70	7.50	6.80	
Bicarbonate as HCO_3	781	891	769	
Supersaturation as $CaCO_3$	30	40	0	
Undersaturation as $CaCO_3$	--	--	--	
Total Hardness as $CaCO_3$	3,400	9,100	3,800	
Calcium as Ca	900	2,060	960	
Magnesium as Mg	279	960	340	
Sodium and/or Potassium	2,031	19,123	2,902	
Sulfate as SO_4	2,180	2,766	2,180	
Chloride as Cl	3,480	33,379	5,113	
Iron as Fe	0.08	0.60	0.20	
Barium as Ba	0	0	0	
Turbidity, Electric	3	32	11	
Color as Pt	23	21	37	
Total Solids, Calculated	9,651	59,178	12,264	
Temperature °F.	80	50	68	
Carbon Dioxide, Calculated	258	116	254	
Dissolved Oxygen,	0.020	0.010	0.080	
Hydrogen Sulfide	583	239	477	
Resistivity, ohms/m at 77° F.	0.690	0.142	0.560	
Suspended Oil	4	157	4	
Filtrable Solids as mg/l	1.8	13.0	3.8	
Volume Filtered, ml	10,000	3,800	6,100	
Results Reported As Milligrams Per Liter				
Additional Determinations And Remarks				

Form No. 3

By _____

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