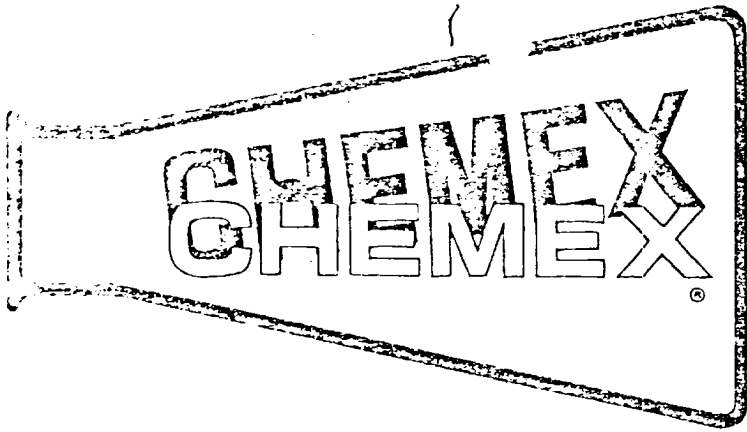



P. O. Box 423
Artesia, N. M. 88210

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O. C. D.
ARTESIA OFFICE

WATER ANALYSIS REPORT

Company Yates Dist. Corp. Date 8-29-80Field _____ County Chaves State N.M.Lease and Well No. Carpenter #1 Prod. Formation _____Source of Sample water flowSample of Prod. Water ☐ Inj. Water ☐ Other ☐Date Collected 8-24-80 Analyst J. Dudley

Dissolved Solids

Constituent	MG/L (PPM)	EPM	ph	Sp. Gravity
Calcium	<u>480 mg/l</u>	<u>24</u>	<u>5.75</u>	
Magnesium	<u>1,200 mg/l</u>	<u>100</u>		
Sodium	<u>81.167 est. mg/l</u>	<u>3539</u>		
Iron	<u>1.75 mg/l</u>	<u>-</u>		
Chloride	<u>129,000 mg/l</u>	<u>3633</u>		
Bicarbonate	<u>80 mg/l</u>	<u>1</u>		
Carbonate	<u>-</u>	<u>-</u>		
Sulfate	<u>950 mg/l</u>	<u>19</u>		
Total Hardness	<u>1,700 mg/l</u>			
Total Dissolved Solids	<u>130,700 mg/l</u>			
Hydrogen Sulfide	<u>0</u>			
Oxygen	<u>.8 mg/l</u>			

Remarks:

KCL = 0