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## WATER ANALYSIS

Condition of Sample..... Laboratory No. 44-171Analyzed by E. P. Moore at Casper, Wyoming Date 8/14/65

## Reacting Values

MAR 25 1966

	Parts per million	Reacting value	Value in per cent
Sodium and Potassium (calculated as Sodium)	3,636	152.78	42.69
Calcium (Ca)	39	1.95	0.60
Magnesium (Mg)	28	2.30	0.71
Iron (Fe)			
Sulphate (SO <sub>4</sub> )	2,055	42.74	15.16
Nitrate (NO <sub>3</sub> )			
Chloride (Cl)	3,432	96.78	29.79
Carbonate (CO <sub>3</sub> )			
Bicarbonate (HCO <sub>3</sub> )	1,377	22.91	7.03
Hydroxide (OH)			
Silica (SiO <sub>2</sub> )			
Hydrogen Sulphide (H <sub>2</sub> S)			

OIL & GAS  
CONSERVATION COMMISSIONBEST IMAGE  
AVAILABLETotal solids  
in parts per million

By evaporation..... 10,008  
 After ignition..... 9,810  
 Calculated..... 9,877  
 pH..... 7.6

Properties of reaction in  
per cent

Primary salinity..... 85.90  
 Secondary salinity..... 0.00  
 Primary alkalinity..... 11.48  
 Secondary alkalinity..... 2.62  
 Chloride salinity..... 69.36  
 Sulphate aslinity..... 30.64

Remarks and conclusions..... Does not appear to be good for any of the common uses.

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