

API WATER ANALYSIS REPORT FORM

Company BHP PETROLEUM		Sample No. 1		Date Sampled 3/7/86	
Field Wildcat		Legal Description		County or Parish San Juan	State NM
Lease or Unit La Plata Deep Water Well	Well	Depth	Formation Morrison	Water, B/D water	
Type of Water (Produced, Supply, etc.) produced		Sampling Point swabline		Sampled By TE	

DISSOLVED SOLIDS

CATIONS

	mg/l	me/l
Sodium, Na (calc)	18409	803.9
Calcium, Ca	1760	88.0
Magnesium, Mg	194	15.9
Barium, Ba	0	0
Potassium, K ⁺	288	7.3

ANIONS

Chloride, Cl	32224	909.0
Sulfate, SO ₄	250	4.8
Carbonate, CO ₃	0	0
Bicarbonate, HCO ₃	78	1.3
	0	0

Total Dissolved Solids (calc.)
53,203 mg/L

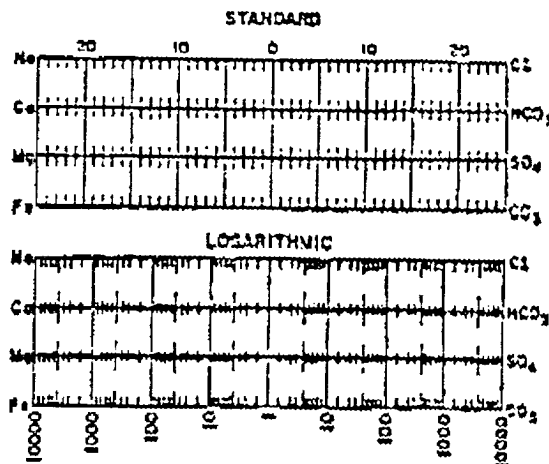
Iron, Fe (total) Fe⁺⁺ 10; Fe⁺⁺⁺ 0
Sulfide, as H₂S -0-

REMARKS & RECOMMENDATIONS:

OTHER PROPERTIES

pH	6.8
Specific Gravity, 60/60 F.	1.044
Resistivity (ohm-meters) 70°F.	0.145
Total hardness	5200

WATER PATTERNS — me/l



ANALYST: Clay Terry

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Please refer any questions to: Clay Terry, District Engineer or
Tom Burris, Field Engineer
Russ Pyeatt, Field Engineer