



NATIONAL
ENVIRONMENTAL
TESTING, INC.



02143715

NET (GULF COAST) INC.
1548 VALWOOD PKWY, SUITE 118
CARROLLTON, TX 75686
(214) 406-8100
FAX: (214) 484-2969

Allied Analytical Laboratories

Production Profits

Key Laboratories

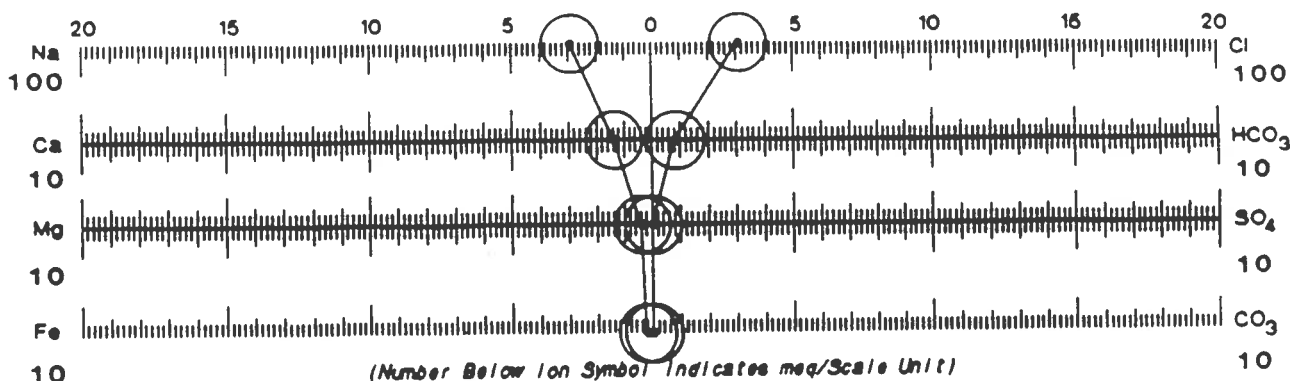
Client MITCHELL ENERGY

Field 05-103-9623 County _____ State _____
Lease _____ Well No. _____
Formation _____ Depth _____ Perf. _____
Source of Sample HELL'S HOLE FED 3-11-2-104
Date Collected 12/14/93 by _____

REPORT OF WATER ANALYSIS

Lab Number 216716 Specific Gravity 1.0126 pH (lab) 7.40 pH (field) _____
Total Dissolved Solids 18596 Resistivity (Ohmeters at 68 F.) 0.388 Hydrogen Sulfide ABSENT

DISSOLVED MINERAL ANALYSIS PATTERN



DISSOLVED SOLIDS ANALYSIS

	mg/l	meq/l
Total Solids (Calc.)	<u>18596</u>	
Sodium (Calc.)	<u>6800</u>	<u>295.5</u>
Iron (Dissolved)	<u>65</u>	<u>2.3</u>
Barium	<u>3</u>	<u>0.0</u>
Calcium	<u>277</u>	<u>13.8</u>
Magnesium	<u>49</u>	<u>4.0</u>
Chloride	<u>10900</u>	<u>307.4</u>
Bicarbonate	<u>502</u>	<u>8.2</u>
Carbonate	<u>0</u>	<u>0.0</u>
Sulfate	<u>0</u>	<u>0.0</u>
Sodium by AA	<u>4530</u>	

TOTAL IRON 72
SOLUBILITY CALCULATIONS

PRECIPITATED AND SUSPENDED SOLIDS ANALYSIS

	mg/l
Total Undissolved Solids	_____
Oil (Solvent Soluble)	_____
Acid Solubles	_____
Iron	<u>as</u>
Calcium	<u>as</u>
Magnesium	<u>as</u>
Sulfate	<u>as</u>
Organic (Ignition Loss)	_____
Acid Insolubles	_____
Sand & Clay	_____
Barium Sulfate	(Quan.) _____ (Qual.) _____

Calcium Carbonate Stability Index at 77 F. 0.31 Scaling Tendency POS
Calcium Sulfate Stability at 95 F. _____
Concentration 0.00 meq/l. Calc. Solubility 48.43 meq/l. Percent Saturation 0.00
Barium Sulfate Stability at 95 F. _____
Concentration 0.00 meq/l. Calc. Solubility 0.14 meq/l. Percent Saturation 0.00

REMARKS