

TRETOLITE

PETROLITE

16010 Barker's Point Lane, Suite 450
Houston, Texas 77079-4021
713 558-5200 • Fax: 713 589-4737

Reply to: P.O. Box 5250
Hobbs, New Mexico 88241
505 392-6711 Phone
505 392-3759 Fax

WATER ANALYSIS REPORT

Company : JOHN HENDRIX
Address :
Lease : BRITT B -18
Well : #4
Sample Pt. : HEATER-TREATER

Date : 8/4/93
Date Sampled : 7/30/93
Analysis No. : 683

ANALYSIS	mg/L	* meq/L
1. pH	7.3	
2. H2S	NR	
3. Specific Gravity	1.020	
4. Total Dissolved Solids	25121.8	
5. Suspended Solids	NR	
6. Dissolved Oxygen	NR	
7. Dissolved CO2	NR	
8. Oil In Water	NR	
9. Phenolphthalein Alkalinity (CaCO3)		
10. Methyl Orange Alkalinity (CaCO3)	396.0	
11. Bicarbonate	HCO3 483.1	HCO3 7.9
12. Chloride	Cl 14001.9	Cl 395.0
13. Sulfate	SO4 1350.0	SO4 28.1
14. Calcium	Ca 545.1	Ca 27.2
15. Magnesium	Mg 607.7	Mg 50.0
16. Sodium (calculated)	Na 8134.0	Na 353.8
17. Iron	Fe NR	
18. Barium	Ba NR	
19. Strontium	Sr NR	
20. Total Hardness (CaCO3)	3863.5	

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt X meq/L	= mg/L
27 *Ca <----- *HCO3	Ca(HCO3)2	81.0 7.9	642
----- /----->	CaSO4	68.1 19.3	1312
50 *Mg -----> *SO4	CaCl2	55.5	
----- <----- /	Mg(HCO3)2	73.2	
354 *Na -----> *Cl	MgSO4	60.2 8.8	531
----- +----->	MgCl2	47.6 41.2	1960
Saturation Values Dist. Water 20 C	NaHCO3	84.0	
CaCO3 13 mg/L	Na2SO4	71.0	
CaSO4 * 2H2O 2090 mg/L	NaCl	58.4 353.8	20676
BaSO4 2.4 mg/L			

REMARKS:

----- W. DICKERSON / FILE

Petrolite Oilfield Chemicals Group

Respectfully submitted,
ROZANNE JOHNSON

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OF THE
COMMISSIONER
OF THE
REVENUE
DEPARTMENT