

TRETOLITE DIVISION

(505) 746-3588
Fax (505) 746-3580Reply to:
P.O. Box FF
Artesia, NM
88211-7531

WATER ANALYSIS REPORT

Company : POGO PRODUCING
Address : MIDLAND, TX
Lease : RT 26
Well : #1
Sample Pt. : WELLHEADDate : 3/17/94
Date Sampled : 3/16/94
Analysis No. : 630

ANALYSIS	mg/L	* meq/L
1. pH	5.6	
2. H2S	NEG	
3. Specific Gravity	1.175	
4. Total Dissolved Solids	267787.4	
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)		
11. Bicarbonate	HCO3 85.0	HCO3 1.4
12. Chloride	Cl 165075.0	Cl 4656.6
13. Sulfate	SO4 125.0	SO4 2.6
14. Calcium	Ca 14720.0	Ca 734.5
15. Magnesium	Mg 2778.7	Mg 228.6
16. Sodium (calculated)	Na 85003.7	Na 3697.4
17. Iron	Fe NR	
18. Barium	Ba NR	
19. Strontium	Sr NR	
20. Total Hardness (CaCO3)	48200.0	

PROBABLE MINERAL COMPOSITION

*milli equivalents per Liter	Compound	Equiv wt X meq/L	= mg/L
229	CaSO4	68.1	177
3697	CaCl2	55.5	40537
	Mg(HCO3)2	73.2	
	MgSO4	60.2	
	MgCl2	47.6	10883
	NaHCO3	84.0	
	Na2SO4	71.0	
	NaCl	58.5	
	BaSO4	2.4	

REMARKS:

Petrolite Oilfield Chemicals Group

Respectfully submitted,
A. MILLER

RECEIVED

OCU RECORDS
OFFICE