



GP.O.BOX 2187
HOBBS, N.M. 88240

PHONE: (505) 393-7726

WATER ANALYSIS REPORT

Report for: Scott Malone
cc: Pat Culpepper
cc:
cc:
Company: Phillips
Address:
Service Engineer: Kenny Kearney

Date sampled: 7-21-93
Date reported: 8-12-93
Lease or well # : Hobbs Lease H.T.
County: State:
Formation:
Depth:
Submitted by: Kenny Kearney

CHEMICAL COMPOSITION :

	mg/L	meq/L
Chloride (Cl)	11000	310
Iron (Fe) (total)	3.0	
Total hardness	4600	
Calcium (Ca)	1122	56
Magnesium (Mg)	437	35
Bicarbonates (HCO ₃)	1586	26
Carbonates (CO ₃)	n/a	
Sulfates (SO ₄)	863	18
Hydrogen sulfide (H ₂ S)	224	
Carbon dioxide (CO ₂)	43	
Sodium (Na)	6051	263
Total dissolved solids	21061	
Barium (Ba)	1.0	
Strontium (Sr)	45	
Specific Gravity	1.015	
Density (#/gal.)	8.459	
pH	7.110	
IONIC STRENGTH	0.41	

Stiff-Davis (CaCO₃) Stability Index :
SI = pH - pCa - pAlk - K

SI @ 86 F = +0.94
104 F = +1.16
122 F = +1.42
140 F = +1.70
158 F = +2.01

This water is 1878 mg/l (-60.56%) under ITS CALCULATED
CaSO₄ saturation value at 82 F.
SATURATION= 3101 mg/L PRESENT= 1223 mg/L

REPORTED BY MOSES G. JIMENEZ
LAB TECHNICIAN

Post-it™ brand fax transmittal memo 7671		# of pages = 2
To: Pat Culpepper	From: Moses G. Jimenez	
Co: Phillips	Co: Phillips	
Dept:	Phone #:	
Fax # 915-368-1507	Fax #	