

UNICHEM INTERNATIONAL

601 NORTH LEECH

P.O. BOX 1499

HOBBBS, NEW MEXICO 88240

COMPANY : ALPHA TWENTY-ONE
 DATE : 3-14-83
 FIELD LEASE & WELL : EL PASO TOM FEDERAL #4
 SAMPLING POINT: WELLHEAD
 DATE SAMPLED : 3-9-83

SPECIFIC GRAVITY = 1.024
 TOTAL DISSOLVED SOLIDS = 38525
 = 4.98

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	25.3	507.
MAGNESIUM	(MG)+2	196.	2390.
SODIUM	(NA), CALC	407.	9378.
ANIONS			
BICARBONATE	(HCO3)-1	32.8	2001.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	244.	11750.
CHLORIDES	(CL)-1	352.	12497.
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON (TOTAL)	(FE)		.7
COPPER	(CU)+2	NOT RUN	
MANGANESE	(MN)	NOT RUN	

SCALING INDEX

TEMP

	30C
	86F
	351
BICARBONATE INDEX	LIKELY
CALCIUM CARBONATE SCALING	
SULFATE INDEX	-1.0
CALCIUM SULFATE SCALING	UNLIKELY

RECEIVED

DEC 21 1984

O.C.D.
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