

UNICHEM INTERNATIONAL

601 NORTH LEECH

P.O. BOX 1499

HOBBES, NEW MEXICO 88340

COMPANY AMOCO
DATE 3-2-86
FIELD LEASFAWELL STATE FM WATER WELL
SAMPLING POINT
DATE SAMPLED 1-27-84

SPECIFIC GRAVITY = 1
TOTAL DISSOLVED SOLIDS = 374
H = 8.18

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	2.2	14.5
MAGNESIUM	(MG)+2	2.4	29.1
SODIUM	(NA), CALC.	1.84	19.5
ANIONS			
BICARBONATE	(HCO3)-1	2.8	170.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	1.64	30.5
CHLORIDES	(CL)-1	2	50
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		7.8
BARIUM	(BA)+2	0	1.3
MANGANESE	(MN)	NOT RUN	

IONIC STRENGTH (MOLAL) = 8E-03

SCALING INDEX	TEMP
	30C
	86F
CARBONATE INDEX	2.84
CALCIUM CARBONATE SCALING	LIKELY
CALCIUM SULFATE INDEX	-18.
CALCIUM SULFATE SCALING	UNLIKELY