

UNICHEM INTERNATIONAL

601 NORTH LEECH

P.O. BOX 1499

HOBBS, NEW MEXICO 88240

COMPANY : EXXON USA
DATE : 4-29-81
WELL : COURLEY FEDERAL #1
SAMPLING POINT:
DATE SAMPLED : 4-20-81

SPECIFIC GRAVITY = 1.009
TOTAL DISSOLVED SOLIDS = 13995
= 6.12

		ME/L	MG/L
CATIONS			
LIUM	(CA)+2	5.2	106.
MAGNESIUM	(MG)+2	6.1	74.5
SODIUM	(NA).CALC.	226.	5199.
ANIONS			
CARBONATE	(HCO3)-1	5.4	329.
BICARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	4.6	222.
CHLORIDES	(CL)-1	227.	8064.
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		104.
COPPER	(BA)+2	NOT RUN	
ANTIMONY	(SR)+2	NOT RUN	

SCALING INDEX

TEMP

BICARBONATE INDEX	30C
LIUM CARBONATE SCALING	86F
	-1.5
	UNLIKELY
SULFATE INDEX	-8.9
LIUM SULFATE SCALING	UNLIKELY

MAR 30 1993

NGPA Permits