

UNICHEM INTERNATIONAL

707 NORTH LEECH

P.O. BOX 1499

HOBBS, NEW MEXICO 88240

COMPANY : BHP

DATE : 03/04/86

FIELD, LEASE & WELL : LA PLATA DEEP WATER WELL #1

SAMPLING POINT: BOTTOM DRILL STEM TEST

DATE SAMPLED : 02/27/86

SPECIFIC GRAVITY = 1.035

TOTAL DISSOLVED SOLIDS = 55668

PH = 6.17

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	80	1603.
MAGNESIUM	(MG)+2	24	291.
SODIUM	(NA), CALC.	845.	19431.
ANIONS			
BICARBONATE	(HCO3)-1	5.6	341.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	41.6	2000
CHLORIDES	(CL)-1	902	32000
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		159.
BARIIUM	(BA)+2	0	.1
MANGANESE	(MN)	NOT RUN	

IONIC STRENGTH (MOLAL) = 1.065

SCALING INDEX	TEMP	
	30C	48.9C
	86F	120F
CARBONATE INDEX	-.76	-.36
CALCIUM CARBONATE SCALING	UNLIKELY	UNLIKELY
CALCIUM SULFATE INDEX	-27.	-27.
CALCIUM SULFATE SCALING	UNLIKELY	UNLIKELY