

707 NORTH TECH

P.O.BOX 1499

HOBBS, NEW MEXICO 88240

COMPANY : PHILLIPS PETROLEUM COMPANY
 DATE : 05-05-87
 FIELD, LEASE & WELL : DAVIS N #7
 SAMPLING POINT: WELLHEAD
 DATE SAMPLED : 05-05-87

SPECIFIC GRAVITY = 1.049
 TOTAL DISSOLVED SOLIDS = 75106
 RESISTIVITY AT 73F IS .081 OHMS
 PH = 5.59

		ME/L	MG/L
CATIONS			
CALCIUM	(CA)+2	344	6893.
MAGNESIUM	(MG)+2	28	340.
SODIUM	(NA), CALC.	935.	21500.
ANIONS			
BICARBONATE	(HCO3)-1	1.6	97.6
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	5.6	270
CHLORIDES	(CL)-1	1300	46000
DISSOLVED GASES			
CARBON DIOXIDE	(CO2)	NOT RUN	
HYDROGEN SULFIDE	(H2S)	NOT RUN	
OXYGEN	(O2)	NOT RUN	
IRON(TOTAL)	(FE)		117.
BARIUM	(BA)+2	.06	3.8
MANGANESE	(MN)	NOT RUN	

IONIC STRENGTH (MOLAL) = 1.535

SCALING INDEX

TEMP

CARBONATE INDEX
 CALCIUM CARBONATE SCALING

30C
 86F
 -1.2
 UNLIKELY

CALCIUM SULFATE INDEX
 CALCIUM SULFATE SCALING

-20.
 UNLIKELY

APR 4 1988
OCD
HOBBS OFFICE