

UNICHEM INTERNATIONAL

707 NORTH LEECH

P.O. BOX 1499

HOBBS, NEW MEXICO 88241

COMPANY: GARY WILLIAMS OIL

DATE: 03/19/86

FIELD, LEASE & WELL: CHIDOLE 34

SAMPLING POINT: WELL HEAD

DATE SAMPLED: 03/14/86

SPECIFIC GRAVITY = 1.015

TOTAL DISSOLVED SOLIDS = 258

PH = 7.39

MG/L

MG/L

CATIONS

CALCIUM	(CA)+2	6.8	136
MAGNESIUM	(MG)+2	6	72
SODIUM	(NA), CALC.	424.	9752

ANIONS

BICARBONATE	(HCO3)-1	13	793.
CARBONATE	(CO3)-2	0	0
HYDROXIDE	(OH)-1	0	0
SULFATE	(SO4)-2	1.3	63
CHLORIDES	(CL)-1	423	15000

DISSOLVED GASES

CARBON DIOXIDE	(CO2)	NOT RUN
HYDROGEN SULFIDE	(H2S)	NOT RUN
OXYGEN	(O2)	NOT RUN

IRON(TOTAL)	(FE)	93.3
BARIUM	(BA)+2	2.3
MANGANESE	(MN)	NOT RUN

IONIC STRENGTH (MOLAL) = .454

SCALING INDEX

TEMP

CARBONATE INDEX	30C	48.8C
CALCIUM CARBONATE SCALING	86F	120F
	0.0	.371
	UNLIKELY	LIKELY

CALCIUM SULFATE INDEX	-56.	-56.
CALCIUM SULFATE SCALING	UNLIKELY	UNLIKELY

RECEIVED
JUL 21 1986
OIL CON. DIV.
DIST. 3

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SECRET

A black and white photograph of a large, multi-story building with a prominent central tower and many windows, likely a government or institutional building.