

CARDINAL

ANALYTICAL SERVICE
LABORATORY

42185

07-18-79

COUNTY EDDY

LEASE LOWE B

FIELD

WELL NO. STATE 1

FORMATION PREMIER

DEPTH 2800

DATE 07-13-79

SAMPLE WELLHEAD

SAMPLED

SOURCE

WATER ANALYSIS

00 AT 75F PH 7.20

MEQ

MG/L

MEQ

1647.89

CALCIUM

1600.00

80.00

7.68

MAGNESIUM

456.00

38.00

83.33

DISS. IRON

0.00

0.00

PRESENT

SODIUM

37280.72

1620.90

TOTAL DISSOLVED 102305.20

3477.80

SOLIDS

OHM METERS AT 75F

SCALING TENDENCIES

CALCIUM SULFATE

P.

CON.

SOL.

TEMP.

INDX.

F 80.00 100.20 50F -20.20

F 80.00 100.59 95F -20.59

F 80.00 99.41 122F -19.41

F 80.00 97.00 176F -17.00

HAN ZERO INDICATE POSITIVE SCALING TENDENCIES

THAN ZERO INDICATES POSITIVE CORROSION TENDENCIES

ITY INDEX IS DIRECTLY PROPORTIONAL TO THE

D GASES FROM SAMPLE WHILE IN TRANSIT TO LAB

ANALYST

KLEIN

REPRESENTATIVE

C BROWN