

24-AUG-89



**ANALYTICAL REPORT
FOR**

PARK OIL AND GAS

WELL NAME : PYLES #3

LAB I.D. : 57209-890951-6_

TYPE OF WATER..

FORMATION..... BRANDON FIELD

DEPTH..... MSOP - LNSG - KC

LOCATION..... SEC 3,4,9,10,T195,R45W

COUNTY..... KIOWA

STATE..... COLORADO

DATE SAMPLED... 20-JUL-89

DATE RECEIVED.. 20-JUL-89

CONSTITUENTS

CATIONS	mg/L	meq/L	ANIONS	mg/L	meq/L
SODIUM, CALC. (Na)	8682	377.6	CHLORIDE (Cl).....	11900	335.7
CALCIUM (Ca).....*	540	26.9	SULFATE (SO4).....	3300	68.7
MAGNESIUM (Mg)....	190	15.6	BICARBONATE (HCO3)	1100	18.0
IRON (Fe).....	< 0.1	0.0	CARBONATE (CO3)...	< 1	0.0
POTASSIUM (K).....	85	2.2	HYDROXIDE (OH)....	< 1	0.0

TOTAL DISSOLVED SOLIDS (Calc.)..... 25797 mg/L

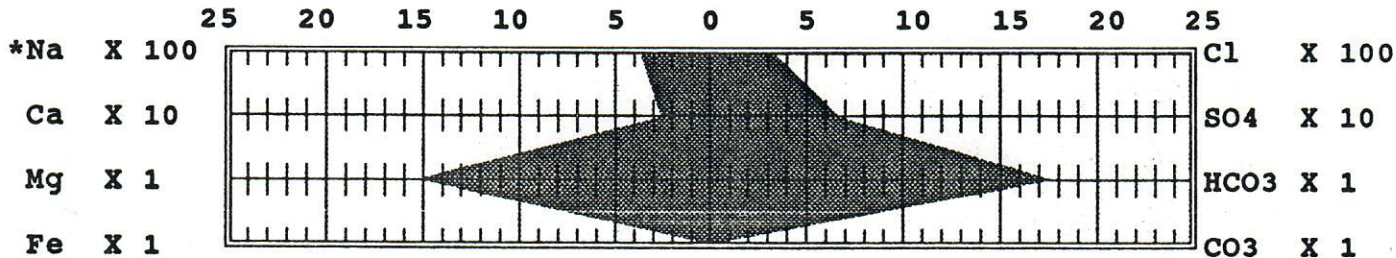
HYDROGEN SULFIDE (H2S)..... POSITIVE

PHYSICAL PROPERTIES

pH..... 8.30

SPECIFIC GRAVITY @ 77 Deg. F..... 1.0189

RESISTIVITY (OHM-METER) @ 77 Deg. F..... 0.29



Scale: meq/L

* Includes Potassium meq