

26-DEC-90

**ANALYTICAL REPORT  
FOR**



**Whiting Petroleum Corp.**

**WELL NAME :** Huber-Pyles #1

**LAB I.D. :** 57209-901763-3\_

**TYPE OF WATER..**

**FORMATION.....** LNSG - KC

**DEPTH.....**

**LOCATION.....** Brandon Fld-Kiowa City

**COUNTY.....**

**STATE.....** CO

**DATE SAMPLED...** 15-NOV-90

**DATE RECEIVED..** 21-NOV-90

**CONSTITUENTS**

CATIONS	mg/L	meq/L	ANIONS	mg/L	meq/L
SODIUM, CALC. (Na)	5864	255.1	CHLORIDE (Cl).....	5230	147.5
CALCIUM (Ca).....	215	10.7	SULFATE (SO4).....	5560	115.8
MAGNESIUM (Mg)....	120	9.9	BICARBONATE (HCO3)	780	12.8
IRON (Fe).....	< 0.1	0.0	CARBONATE (CO3)...	20	0.7
POTASSIUM (K).....	41	1.0	HYDROXIDE (OH)....	< 1	0.0

**TOTAL DISSOLVED SOLIDS (Calc.).....** 17830 mg/L

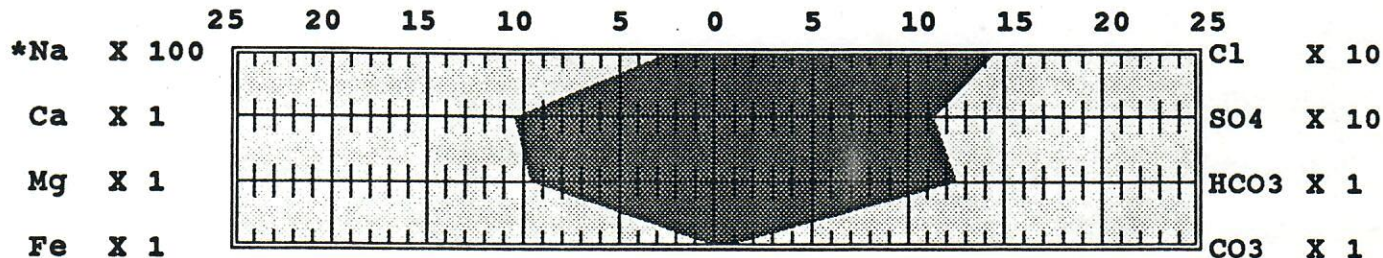
**HYDROGEN SULFIDE (H2S).....** POSITIVE

**PHYSICAL PROPERTIES**

**PH.....** 8.40

**SPECIFIC GRAVITY @ 77 Deg. F.....** 1.0142

**RESISTIVITY ( OHM-METER ) @ 77 Deg. F.....** 0.46



**Scale: meq/L**

**\* Includes Potassium meq**