

LOCATION

YOUR EXT. NO.

THE WESTERN COMPANY

WATER ANALYSIS

RECEIVED BY

OCT 19 1983

O. C. D.

ARTESIA, OFFICE

ANALYSIS NO.

GENERAL INFORMATION

OPERATOR	Great Western	DATE SAMPLED	10/3/83
WELL	Hale Fed. #1	DATE RECEIVED	10/4/83
FIELD	Wildcat	SUBMITTED BY	Leonard Robinette
FORMATION	Bone Springs	WORKED BY	Dale Criddle
COUNTY	Eddy	SAMPLE DESCRIPTION:	formation water
STATE	New Mexico		also need total dissolved solids
DEPTH	±8350		

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY	1.162	AT	68	°F	TOTAL DISSOLVED SOLIDS	234,000	PPM
pH	6.5				RESISTIVITY	0.046	PPM
IRON	75	PPM			SULFATE	960	PPM
HYDROGEN SULFIDE	no trace				BICARBONATE	317	PPM
HARDNESS	48,500				CHLORIDE	138,000	PPM
CALCIUM	10,000				SODIUM CHLORIDE	228,252	PPM
MAGNESIUM	5,711	PPM			SODIUM		PPM
SODIUM & POTASSIUM		PPM			POTASSIUM		PPM
PHOSPHATE							

REMARKS:

for Stiff type plot (in meq./l.)

