

YOUR EXT. NO.

THE WESTERN COMPANY

ANALYSIS NO.

WATER ANALYSIS

GENERAL INFORMATION

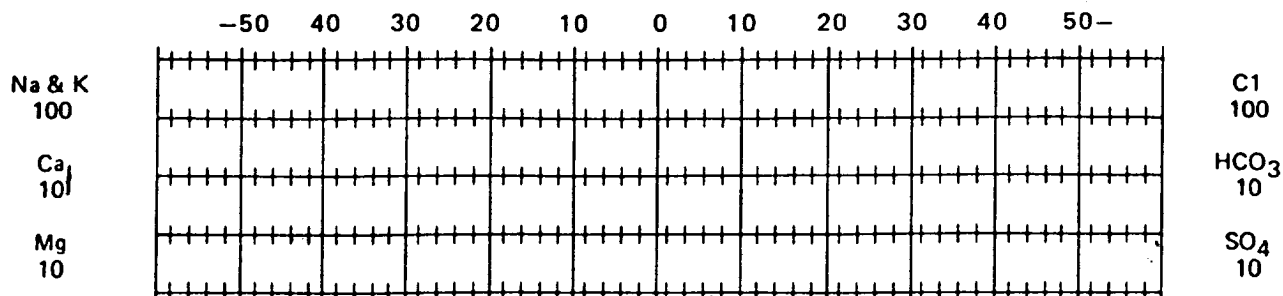
OPERATOR	Yates Petroleum Corporation.	DATE SAMPLED	3/31/86
WELL	Freeman "ACF" #1	DATE RECEIVED	3/31/86
FIELD	NE Lovington Penn	SUBMITTED BY	Ray Stall
FORMATION	Cisco Canyon	WORKED BY	<i>Lloyd Bloomer</i>
COUNTY	Lea	SAMPLE DESCRIPTION:	
STATE	New Mexico		
DEPTH	10973-11687'		

PHYSICAL AND CHEMICAL DETERMINATIONS

SPECIFIC GRAVITY	1.070	AT	72 °F	TOTAL DISSOLVED SOLIDS	---	PPM
pH	6.5			RESISTIVITY	.12 at 79	PPM
IRON	Ferric strong/Ferrous strong			SULFATE	1200	PPM
HYDROGEN SULFIDE	None			BICARBONATE	10cc 1.0 610	PPM
HARDNESS	.1cc 7.8 78,000			CHLORIDE	1cc 2.7 54,000	PPM
CALCIUM	.1cc 5.0 20,000			SODIUM CHLORIDE	88,830	PPM
MAGNESIUM	.1cc 2.8 6,804		PPM	SODIUM	---	PPM
SODIUM & POTASSIUM	---		PPM	POTASSIUM	---	PPM
PHOSPHATE	---				0% KCL	

REMARKS:

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



ANALYST

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JUN 22 1987
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