

NMOCD Case No. 12365
Hearing Date 4-20-00
Dugan Production Corp.
Exhibit No. 10

Dugan Production Corp.
Application of Convert West Bisti Unit 153 to SWD

American Energy Services
Water Analysis Results Sheet

Operator:	Dugan Production Co.	Date:	12/17/1999
Well :	West Bisti #131	District:	Farmington
Formation:	Mesa verde	Requested by:	John Alexander
County:	San Juan	Technician:	Mike Brown
Depth:	N/A	Source:	Well (Swab Run)#4

PHYSICAL AND CHEMICAL DETERMINATION

SPECIFIC GRAVITY: 1 AT 75 Degrees F.			
pH:	8.72	SULFATES:	1290 ppm
		CALCIUM:	840.0 ppm
IRON:	0 ppm	BICARBONATES:	8418.0 ppm
		RESISTIVITY:	ohm/meter
H2S:	0 ppm	CHLORIDES:	6400.0 ppm
		SODIUM :	6010.6 ppm
		POTASSIUM:	11.0 ppm
MAGNESIUM:	510.3 ppm	TDS:	23479.86 ppm

CaCO3 Scale Tendency = Probable
CaSO4 Scale Tendency = Remote

REMARKS:

Water Analysis: Sample appears to be formation water.

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