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**El Paso Energy Raton,
L.L.C.**

Fax

To: Roy Johnson From: Ruth Luksich
Fax: 505-827-8177 Pages: _____
Phone: _____ Date: _____
Re: _____ CC: _____

Urgent For Review Please Comment Please Reply Please Recycle

• Comments:



Water Analysis Report

Customer: El Paso Energy

05/30/2000

Address: Box 190

City: Katon

State: NM

Zip: 87740-

Attention: Larry Casey

Date Sampled: 05/20/2000

Date Received: 05/25/2000

CCI:

SALESMAN NAME: Larry Stanley

CC2:

LEASE: VPR

SAMPLE POINT: Wellhead

WELL: A-42

REMARKS: Bailer Sample

CHLORIDE (MG/L):	29694		
SULFATE (MG/L):	868		
BICARBONATE (PPM):	268		
CALCIUM (MG/L):	4680		
MAGNESIUM (MG/L):	292		
IRON (PPM):			
BARIUM (MG/L):	0		
STRONTIUM (MG/L):	0		
MEASURED pH:	7		
TEMPERATURE:	100		
DISSOLVED CO2 (PPM):	274		
MOLE PERCENT CO2 IN GAS:	0.00		
DISSOLVED H2S (PPM):	0.0		
PRESSURE (PSIA):	23		
SODIUM (PPM):	13852		
TDS (MG/L):	49654		
RESISTIVITY:	0.1289		
IONIC STRENGTH:	0.86		
CALCITE (CaCO3) SI: -0.85		CALCITE PTB:	N/A
GYPSUM (CaSO4) SI: -0.36		GYPSUM PTB:	N/A
BARITE (BaSO4) SI: N/A		BARITE PTB:	N/A
CELESTITE (SrSO4) SI: N/A		CELESTITE PTB:	N/A

SI calculations based on Tomson-Oddo

Resistivity calculated at STP.