

Key Pressure Pumping Services
Water Analysis Result Form
 Farmington, NM.
 708 S. Tucker
 Phone:(505)325-4192
 Fax:(505)564-3524
 Zip:87401

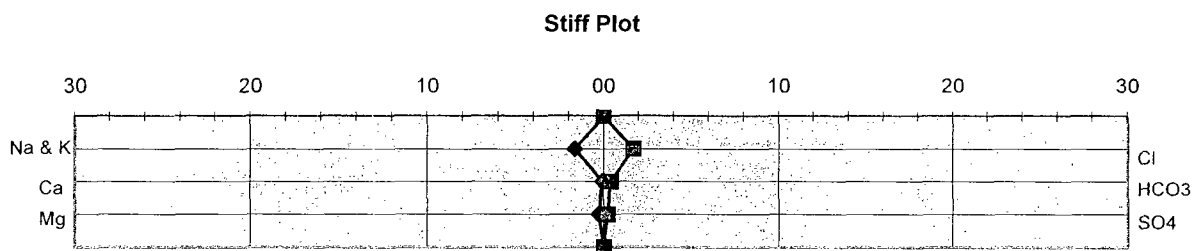


Operator:	Rosetta Resources	Sample Date:	March 15, 2007
		Analysis Date:	March 17, 2007
Well	Tsah Tah SWD # 11	District:	Farmington
Formation:	POINT LOOKOUT	Requested By:	RUSS McQUITTY
County:	SAN JUAN N.M.	Technician:	BEN BARELA
Depth:	4181	Source:	Swab Run #6

P H Y S I C A L A N D C H E M I C A L D E T E R M I N A T I O N

SPECIFIC GRAVITY:	1.010	47 (°F)	S.G. (Corrected):	1.010
pH:	10.00		MAGNESIUM:	77 ppm
RESISTIVITY:	0.40 ohm/meter		CALCIUM:	40 ppm
IRON:	0.46 ppm		BICARBONATES:	483 ppm
H2S:	0 ppm		CHLORIDES:	13465 ppm
POTASSIUM:	38 ppm		SODIUM :	8752 ppm
SULFATES:	97 ppm		TDS:	22953 ppm

CaCO3 Scale Tendency = Remote
 CaSO4 Scale Tendency = Remote



Data contained in this document is based on the best information & most current test procedures and materials available. No liability is expressed or implied.

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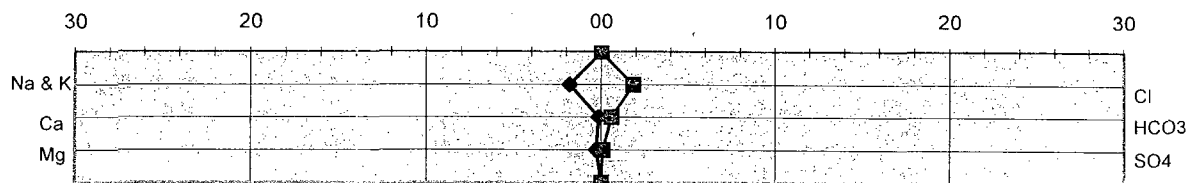
Operator:	Rosetta Resources	Sample Date:	March 15, 2007
		Analysis Date:	March 17, 2007
Well	Tsah Tah SWD # 11	District:	Farmington
Formation:	Menefee	Requested By:	RUSS McQUITTY
County:	SAN JUAN N.M.	Technician:	BEN BARELA
Depth:	3645	Source:	Swab Run #1

P H Y S I C A L A N D C H E M I C A L D E T E R M I N A T I O N

SPECIFIC GRAVITY:	1.010	52	(°F)	S.G. (Corrected):	1.010
pH:	9.00			MAGNESIUM:	77 ppm
RESISTIVITY:	0.80 ohm/meter			CALCIUM:	63 ppm
IRON:	0.16	ppm		BICARBONATES:	725 ppm
H2S:	0	ppm		CHLORIDES:	14653 ppm
POTASSIUM:	11	ppm		SODIUM :	9586 ppm
SULFATES:	32	ppm		TDS:	25149 ppm

CaCO3 Scale Tendency = Remote
 CaSO4 Scale Tendency = Remote

Stiff Plot



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Key Pressure Pumping Services

Water Analysis Result Form

Farmington, NM.

708 S. Tucker

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Zip:87401



Operator:	Rosetta Resources	Sample Date:	March 15, 2007
		Analysis Date:	March 17, 2007
Well	Tsah Tah SWD # 11	District:	Farmington
Formation:	CLIFFHOUSE	Requested By:	RUSS McQUITTY
County:	SAN JUAN N.M.	Technician:	BEN BARELA
Depth:	2469	Source:	Swab Run #1

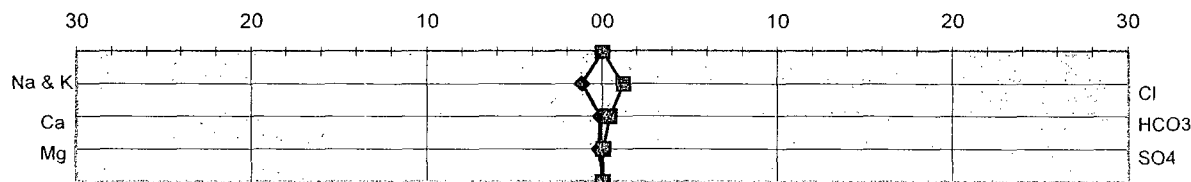
PHYSICAL AND CHEMICAL DETERMINATION

SPECIFIC GRAVITY:	1.005	59 (°F)	S.G. (Corrected):	1.005
pH:	8.50		MAGNESIUM:	48 ppm
RESISTIVITY:	0.70 ohm/meter		CALCIUM:	56 ppm
IRON:	0.10 ppm		BICARBONATES:	486 ppm
H2S:	0 ppm		CHLORIDES:	9552 ppm
POTASSIUM:	38 ppm		SODIUM :	6240 ppm
SULFATES:	23 ppm		TDS:	16443 ppm

CaCO3 Scale Tendency = Remote

CaSO4 Scale Tendency = Remote

Stiff Plot



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