

Pride Energy Company

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2250 East 73rd Street, Suite 550
Tulsa, Oklahoma 74136

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Tulsa, Oklahoma 74170-1602

March 2, 1999

Case 11470

Attn.: David Catanach
Oil Conservation Division
State of New Mexico
2040 South Pacheco
Santa Fe, NM 87505

Re: Disposal of Salt Water
San Isidro #7-11 Salt Water Disposal Well
Section 7-T20N-R2W
Sandivol County, New Mexico

Mr. Catanach:

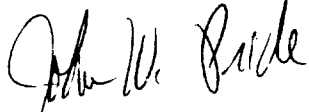
In reference to the above and our telephone conversation, Pride Energy Company will begin disposing of salt water from the three wells described below into its San Isidro #7-11 salt water disposal well beginning approximately March 3, 1999. The names of the three wells from which salt water will be disposed are set out below along with the well locations and approximate salt water volumes which will be disposed. Enclosed are water analysis of the salt water from each of the three wells.

<u>Well Name</u>	<u>Operator</u>	<u>Sec-T-R</u>	<u>Well Location</u>	<u>Estimated # of Barrels of Salt Water</u>
Taylor # 29-13	Synergy	29-21N-3W	990' fsl & 990' fwl	5 BSWPD
Taylor # 30-15	Synergy	30-21N-3W	990' fsl & 2,115' fwl	5 BSWPD
Orquidea # 4-1	Synergy	04-21N-3W	330' fsl & 1,650' fwl	5 BSWPD

If you have any questions or need any additional information, please feel free to call me at (918) 524-9200.

Sincerely,

Pride Energy Company

A handwritten signature in black ink, appearing to read "John W. Pride". The signature is written in a cursive, flowing style.

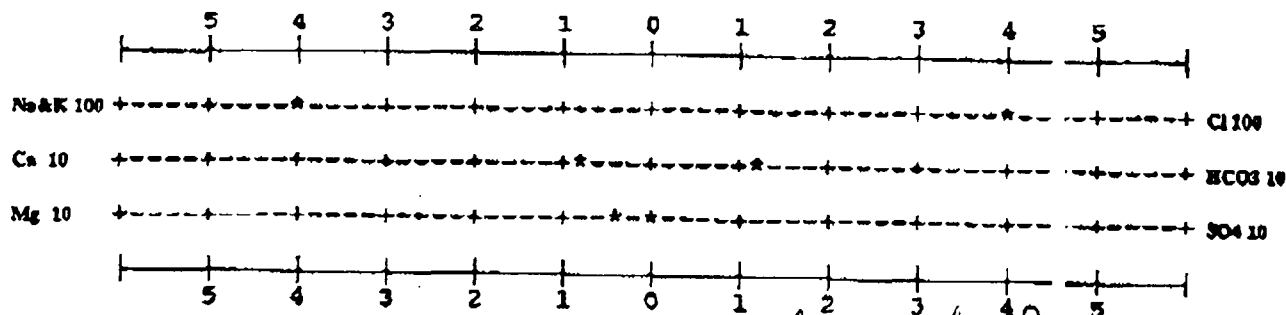
John W. Pride

BJ SERVICES COMPANY
WATER ANALYSIS #FW01W460
FARMINGTON LAB

GENERAL INFORMATION			
OPERATOR:	SYNERGY	DEPTH:	
WELL:	ORQADEA 4-1H	DATE SAMPLED:	02/28/79
FIELD:		DATE RECEIVED:	03/01/79
SUBMITTED BY:	GLEN PAPP	COUNTY:	STATE: NM
WORKED BY	: D. SHEPHERD	FORMATION:	
PHONE NUMBER:			

SAMPLE DESCRIPTION			
sample for analysis			
PHYSICAL AND CHEMICAL DETERMINATIONS			
SPECIFIC GRAVITY:	1.011	@ 77°F	PH: 6.87
RESISTIVITY (MEASURED):	0.260	ohms @ 78°F	
IRON (FE++) :	0	ppm	SULFATE: 0 ppm
CALCIUM:	178	ppm	TOTAL HARDNESS 693 ppm
MAGNESIUM:	60	ppm	BICARBONATE: 784 ppm
CHLORIDE:	14,027	ppm	SODIUM CHLORIDE (Calc) 21,074 ppm
SODIUM+POTASS:	9,072	ppm	TOT. DISSOLVED SOLIDS: 21,576 ppm
H2S: NO TRACE			POTASSIUM (PPM): 46
REMARKS			

STIFF TYPE PLOT (IN MEQ/L)



ANALYST

D. SHEPHERD

P.05
 P.004/004

FARMINGTON LAB

SAMPLE DESCRIPTION			
sample for analysis			
PHYSICAL AND CHEMICAL DETERMINATIONS			
SPECIFIC GRAVITY:	1.025	@ 77°F	PH: 5.60
RESISTIVITY (MEASURED):	0.180	ohms @ 75°F	
IRON (FE++) :	0	ppm	SULFATE: 0 ppm
CALCIUM:	391	ppm	TOTAL HARDNESS 1,464 ppm
MAGNESIUM:	119	ppm	BICARBONATE: 476 ppm
CHLORIDE:	22,828	ppm	SODIUM CHLORIDE (Calc) 37,553 ppm
SODIUM+POTASS:	14,307	ppm	TOT. DISSOLVED SOLIDS: 39,076 ppm
H2S: NO TRACE			POTASSIUM (PPM): 180
REMARKS			

Figure 1 consists of five horizontal plots arranged vertically, showing the distribution of chemical elements in the water column of Lake Michigan. The plots are labeled as follows:

- Top Plot:** Shows $\text{Na\&K } 100$ and $\text{Cl } 100$. The horizontal axis has tick marks at 50, 40, 30, 20, 10, 0, 10, 20, 30, 40, 50. The data is represented by a series of dots and lines, showing a peak in the center of the lake.
- Second Plot:** Shows $\text{Ca } 10$ and $\text{HCO}_3 \text{ } 10$. The horizontal axis has tick marks at 50, 40, 30, 20, 10, 0, 10, 20, 30, 40, 50. The data is represented by a series of dots and lines, showing a peak in the center of the lake.
- Third Plot:** Shows $\text{Mg } 10$ and $\text{SO}_4 \text{ } 10$. The horizontal axis has tick marks at 50, 40, 30, 20, 10, 0, 10, 20, 30, 40, 50. The data is represented by a series of dots and lines, showing a peak in the center of the lake.
- Bottom Plot:** Shows $\text{Na\&K } 100$ and $\text{Cl } 100$. The horizontal axis has tick marks at 50, 40, 30, 20, 10, 0, 10, 20, 30, 40, 50. The data is represented by a series of dots and lines, showing a peak in the center of the lake.

D. SHEPHERD