

N.M. Oil Co 811 S. 1st S	States Department of ti Interiors BUREAU OF LAND MANAGEMENT Carisbad Resource Area Headquarters P. O. Box 1778 P. O. Box 1788 P. O. Box 1788
OPERATOR: Pogo Produc	Lease No. NM70895
WELL NO. & NAME Sund	lance 10 Federal #1
LOCATION: NW 1 NW	1, Sec. 10, T. 24 S., R. 31 E., Eddy County, N.M.
The check list below to Salt Water Disposal me Delaware 109 BWPD	ndicates the information needed before your Waste or ethod can be approved: _ Name(s) of formation(s) producing water on the lease. _ Amount of water produced from each formation in barrels _ per day.
Attached	A water analysis of produced water from each zone show- in at least the total dissolved solids, ph, and the concentrations of chlorides and sulfates.
500 BBL FG tank	How water is stored on the lease.
Pipeline	_How water is moved to disposal facility.
Ricks Exploration Lillie Field Fed, #1 B/11/T24S/R31E Eddy County, NM NM-29234	Operator's name, well name and location, by ¼¼, section, township and range, of the disposal facility. If the disposal facility is an approved disposal system, the operator's name and the name of the disposal system should suffice.

Supervisory Petroleum Engineer Technician

1 NUS 10 P 12: 32



(ORIG. SGD.) DAVID R. GLASS

100000-000

SEE ATTACHED FOR CONDITIONS OF APPROVAL

UTHORIZED OFFICER, MINERAL REAU OF LAND MANAGEMEN

## Endura Products Corp.

P.O. Box 3394 Midland, Texas 79706 Phone (915) 684-4233 \* Fax (915) 684-4277

# WATER ANALYSIS

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Sampling Point/Date	WELL HEAD	TERY SOLANSK - 7/22/95	Y CC CONTRANT MONST CONTRACTION NOT A CONTRACT CONTRACT CONTRACT CONTRACTOR CONTRA	Dde W-0045 Ate NEWMEXICO Aty EDDY
Company POGO PRODUCT	TNG	Lease SUNDA	NCE "10" FEDERAL	Well #1

## DISSOLVED SOLIDS

DI220HAED DOHIDD	mg/1	me/1
CATIONS Sodium, Na+ (Calc.) Total Hardness as Ca+ Calcium, Ca+ Magnesium, Mg+ Barium, Ba+ Iron (Total) Fe+++	116,081 6,080 5,160 561 2 32	5,047 0 258 47 0 2

#### ANIONS

Chlorides, COl- Sulfate, SO4- Carbonate, CO3- Bicarbonate, HCO3-	190,000 0 98	5,352 0 0 2 0
Bicarbonate, HCO3– Sulfide, S–* Total Dissolved Solids (Calc.)	0 311,934	0

## OTHER PROPERTIES

	5.900
pH*	1.177
Specific Gravity, 60°/60 F	125
TURBIDITY	

### SCALING INDICIES

TEMP, F	CA CO3	CASO4*2H2O	CA SO4	BA SO4
80	0.4587	-34.2494	-34.6295	-29.5015
120	1.0293	-34.2632	-34.4628	-29.6299
160	1.8909	-34.2749	-34.3019	-29.8336