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Signed Site Silver State onlice use)	
Orig. Signed by Adam Salameh Tide Potroloum Engine	Date2/22/94

"See instruction on Reverse Side

BUREAU OF LAND MANAGEMENT CARLSBAD RESOURCE AREA

Disposal of Produced Water From Federal Wells

Conditions of Approval

Approval of the produced water disposal methodology is subject to the following conditions of approval:

- 1. This agency be notified of any change in your method or location of disposal.
- 2. Compliance with all provisions of PTTTT Oil AND GAS ORDER NO.7.
- 3. This agency shall be notified of any spill or discharge as required by NTL-3A.
- 4. This agency reserves the right to modify or rescind approval whenever it determines continued use of the approved method may adversely affect the surface or subsurface environments.
- 5. All aboveground structures on the lease shall be painted sandstone brown, Federal Std. 595-20318, or 30318, within 90 days if you have not already done so.
- . 6. Any on lease open top storage tanks or pits shall be covered with a wire screen or plastic/nylon netting to prevent entry by birds and other wildlife.
 - 7. This approval does not constitute right-of-way approval for any off lease activities. If water is transported via a pipeline that extends beyond the lease boundary, then you need to submit within 30 days an application for right-of-way approval to the Realty Section in this office if you have not already done so.

The following information is to show changes in Enron Oil & Gas Company's method of disposal of produced water. Onshore Oil & Gas Order #7.

Hallwood 12 Federal #2

1. Name of formation(s) producing water on the lease:

Bone Spring

2. Amount of water produced from all formations in bbls/day:

The well averages 46 barrels of water/day.

3. How water is stored on lease:

210 barrel fiber glass tank

4. How water is moved to the disposal facility:

B&E Water Haulers

5. Primary disposal facility:

Bettis, Boyle & Stovall's Littlefield Federal No. 1 SWD R-485, located 660' FNL & 1980' FEL (Unit B) of Section 11, T24S, R31E. Eddy County.

6. Secondary disposal facility:

Ralph Williamson's Conoco Federal No. 2 SWD R-3638, loçated in Unit B of Section 15, T26S, R33E. Lea County.

A copy of permits for both disposal facilities is enclosed.

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Laboratory Services, Inc.

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1331 Tasker Drive Hobbs, New Mexico 68240

Telephone: (505) 397-3713

WATER ANALYSIS

Bnron Oil & Gas COMPANY

SAMPLED BY Ray Gallagher-1	Pro Well Testing & Wi	reline
DATE TAKEN 12-24-93		
DATE TAKEN 12-24-93 REMARKS		
Banum as Ba	25.00	
Carbonate alkalinity PPM	0.00	
Bicarbonate alkilinity PPM	612.00	
pH at Lab	6.94	
Specific Gravity @ 60° F	1.050	
Agnesium as Mg	3,770	
Total Hardness as CaCO3	6,500	
Chlorides as Cl	38,477	
Sulfate as SO4	650.00	
ron as Fe	91.25	
otassium	134.38	
tydrogen Sulfide	0.00	
lesistivity Ohms	0.1720	23.7° C
otal Dissolved Solids	60,060	
Carbonate as CO3 Gm/L	0.00	
alcium as Ca	2,730	
litrate	55.00	- Real

Results reported as Parts per Million unless stated

Langelier Saturation Index +1.06

> Analysis by Rolland Perry 12-27-93 Cate: