

HEYCO

PETROLEUM PRODUCERS



HARVEY E. YATES COMPANY

P.O. BOX 1933

ONE SUNWEST CENTRE

505/623-6601

FAX 505/622-4221

ROSWELL, NEW MEXICO 88202-1933

June 11, 1990

Bureau of Land Management
Box 1778
Carlsbad, New Mexico 88220

Re: Water Disposal Plan
Well: Young Deep Unit #24
Location: 1650' FNL & 660' FWL
Sec 10, T18S, R32E
Lea County, New Mexico

Gentlemen:

Listed below is the information you require for approval of our water disposal method on the above referenced well:

- A) Formation producing water: Bone Springs
- B) Amount of water produced: 32 BW per day
- C) Water analysis is attached.
- D) Produced water is stored on lease in a fiberglass tank.
- E) Water disposal facility: Young Deep Waterflood
NW/4 NW/4
Sec 10, T18S, R32E

If you have further questions, please contact our office.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tammy E. Witt".

Tammy E. Witt
Production Analyst

wtrdispl

Heyco Water Analysis
WELL Name

6/11/90

Ray Nokes

Young Deep Well #24

Sodium, Na (calc)	23,445.63	1019.38
Calcium, Ca	4800.00	240.00
Magnesium, Mg	720.00	60.00
Barium, Ba	0	
Chlorides, Cl	46,000.00	1295.78
Sulfates, SO4	920.00	19.17
Carbonates, CO3	0	
Bicarbonates, HCO3	283.04	4.64
PH	5.8	
Specific Gravity	1.068	
Resistivity, RW	.14	
Iron, Fe	6	1.215
Sulfides, as H2S	nil	
Carbon Dioxide, CO2	0	
Nitrates, NO3	5	
Hydroxides	0	
Total Dissolved Solids	76,168.67	
Total Hardness	15,000.00	