

APPLICATION FOR PERMIT  
TO UTILIZE A LINED PIT

SUPPLEMENTAL DATA

1. LOCATION:

- A. The proposed lined pit will be located, as shown on Exhibit "A", in the NE $\frac{1}{4}$ NW $\frac{1}{4}$  of Section 33, T.26 S., R.30 E., Eddy County, New Mexico, adjacent on the west to BBC, Inc.'s existing Salt Water Disposal Facility.
- B. The proposed pit will not be located in a watercourse, lake bed, or other depression.

2. PURPOSE OF PIT:

- A. The proposed lined pit will be used both for an emergency pit, in the event of a malfunction in the salt water disposal facility, and for a salt water holding pit.
- B. BBC's existing salt water disposal facility disposes of produced water, gathered from wells in the Brushy Draw Delaware and Ross Draw Wolfcamp Pools, in the subsurface by injection into well No. 1 Ross Draw Federal located 660 feet from the north line and 1980 feet from the west line of Section 33.

3. QUALITY OF PRODUCED WATER:

- A. Analyses of produced water from the two pools show the following;

<u>ZONE</u>	<u>CHLORIDES - PPM</u>	<u>TOTAL DISSOLVED SOLIDS - PPM</u>
Bell Canyon	76,000	125,407
Cherry Canyon	169,000	270,096
Brushy Canyon	197,000	315,282
Wolfcamp	48,000	78,717

4. PIT DESIGN AND CONSTRUCTION:

- A. The pit will be square, as shown on Exhibit "B", and will be constructed by excavating to an approximate depth of 4 feet and using the excavated material to form levees around the pit.