

**BW - 9**

**MONITORING  
REPORTS**

**DATE:**

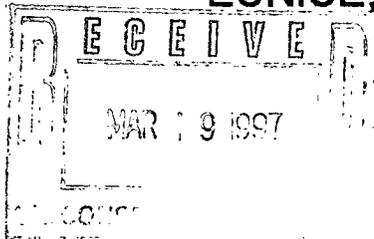
**1997 - POND**

# SIMS-McCASLAND WATER SALES

P.O. BOX 99

EUNICE, NEW MEXICO 88231

(505) 394-2581



MARCH 12, 1997

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505

ATTN: MR. MARK ASHLEY

DEAR MR. ASHLEY,

SIMS-McCASLAND WATER SALES SUBMITS THE FOLLOWING PICTORIAL WITH A BRIEF EXPLANATION OF THE INSTALLATION OF THE LEAK DETECTION SYSTEM BETWEEN TWO LAYERS OF 30 MIL. POLYETHYLENE GEOMEMBRANE. THIS LINING WAS INSTALLED IN A 105' x 105' DIRT PIT AND WILL ACCOMMODATE APPROXIMATELY 10,000 BARRELS OF WATER. THIS PIT CURRENTLY HAS A SIX FOOT CHAIN LINK FENCE AROUND IT. (PHOTOGRAPHS NOT AVAILABLE AT THIS TIME) IT IS REQUESTED THAT THIS DOCUMENT BE MADE A PART OF THE DISCHARGE PLAN CURRENTLY ON FILE WITH YOUR OFFICE. PLEASE CONTACT ME IF FURTHER INFORMATION IS REQUIRED.

SINCERELY,

A handwritten signature in cursive script that reads "Bob Patterson".

BOB PATTERSON  
SIMS-McCASLAND WATER SALES

COPY TO: MR. WAYNE PRICE  
O.C.D. DISTRICT II HOBBS

**A BRIEF DESCRIPTION OF THE PHOTOGRAPHS FOLLOWS:**

- 1, 2, & 3        SHOWS THE DIGGING AND INSTALLATION OF DRAIN LINE AND MONITOR PIPE FOR THE LEAK DETECTION SYSTEM.
4.                SHOWS THE ANCHOR TRENCH FOR THE LINERS.
5.                SHOWS THE TRENCH FOR THE PERFORATED PIPE FOR THE LEAK DETECTION SYSTEM.
- 6, 7, & 8        SHOWS THE LAYING OF THE SECONDARY LINER.
9.                SHOWS THE SECONDARY LINER COMPLETE WITH PERFORATED PIPE TRENCH COVERED.
- 10, 11, 12, & 13    SHOWS THE INSTALLATION OF THE PERFORATED DRAIN LINE AND HOOK-UP TO THE MONITOR WELL.
- 14 & 15.         SHOWS THE LAYING OF THE GEONET THAT GOES BETWEEN THE TWO LINERS. (SEE SAMPLE OF LAYERS AND GEONET ENCLOSED)
16.                SHOWS THE PRIMARY LINER BEING LAID OVER THE GEONET.
- 17, 18 & 19.      SHOWS THE COMPLETED JOB.

THE PRIMARY AND SECONDARY LINER ARE A 30 MIL. POLYETHYLENE GEOMEMBRANE.







4



5



6











11





CA. 1870-1900

13





15



16







