



COLORADO OIL AND GAS CONSERVATION COMMISSION
Suite 380, Logan Tower Building
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Denver, Colorado 80203-2281

MEMO

TO: W. R. Smith, Director August 27, 1984
FROM: Ed Dimatteo and Dennis Bicknell
SUBJECT: Possible contamination of stock well

On August 24, 1984, Mr. Millard Huey called and informed the Commission staff of possible contamination of a stock well due to pits on the Phillips #1 Peterson "F" lease located NE SW 34-2N-56W. He also expressed concern about the operation of the Okmar, #16 Huey, a saltwater disposal well located in SE NW 29-2N-56W.

I met with Mr. M. Huey, Mr. B. Huey and Mr. Roy White of Okmar on August 25, 1984 at the disposal well. I inspected the well and found the well in good working order. I did find evidence of a spill near the tanks and lined pit. On talking with Mr. White it was determined that the spill was caused by a mechanical failure of the pump engine and an error in judgement of the Okmar pumper. Mr. White assured me that the error in judgement would not happen again. The current operational set up will allow, in the event that the pump engine should stop, that the produced water will be contained in the tanks and pit for up to 24 hours. There was evidently water in the pit, the engine stopped and the pit could not handle the overflow from the tanks. If operated properly the set up at the Okmar disposal well should be adequate to handle most situations caused by engine failure if pit remains evacuated. Production from the associated leases will be shut-in if the tanks overflow into the pit until the pit has been pumped out.

Mr. White is also looking into the possibility of installing an electric engine or another gas engine to help alleviate the potential problem.

We then inspected the pits on the #1 Peterson "F" lease. The lining on the three pits was found to be in fair condition. We also tasted the water of the contaminated stock well. There was no apparent salty taste. I requested water analysis from the Phillip's pits. I plan to review the water analysis from the pits and wells and proceed from there.