

Application for Authorization to Inject
Lusk "AHB" Federal #4

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- VIII. 1. The proposed injection interval is the portion of the Delaware Sand formation consisting of porous Sandstone from estimated depths: 4733'-4742'
4902'-4908'
5034'-5045'
5121'-5138'
6384'-6401'
7647'-7678'
2. Possible Fresh water zones overlie the proposed injection formations at depths to approximately 1142' feet. There are no fresh water zones underlying the formation
- IX. The proposed disposal interval might be acidized with 7-1/2% HCL acid and/or fraced with crosslinked gelled water and 20/40 Sand.
- X. Logs were filed at your office when the well was drilled.
- XI. No windmills exist within a one mile radius of the subject location.
- XII. Yates Petroleum Corporation has examined geologic and engineering data and has found that there is no evidence of faulting in the proposed interval.
- XIII. Proof of Notice
- A. Certified letters sent to the surface owner and offset operators-attached. (Attachment E)
- B. Copy of legal advertisement attached. (Attachment F)
- XIV. Certification is signed.