



Texas Commission
on Environmental Quality
Surface Casing Program

DEPTH OF USABLE-QUALITY GROUND WATER TO BE PROTECTED

Date

TCEQ File No.: SC-

***** EXPEDITED APPLICATION *****

API Number

Attention:

RRC Lease No.

SC_860832_43900000_000000_5709.pdf

--Measured--

66 ft FEL
1895 ft FSL
MRL: SURVEY

Digital Map Location:

X-coord/Long

Y-coord/Lat

Datum Zone

TITAN OPERATING LLC
111 W 4TH ST
STE 300
FORT WORTH TX 76102

P-5# 860832

County

Lease & Well No.

Purpose

Location

To protect usable-quality ground water at this location, the Texas Commission on Environmental Quality recommends:

The interval from the land surface to 20 feet below the base of Cretaceous-age beds must be protected. The base of the Cretaceous is estimated to occur at a depth of 1500 feet.

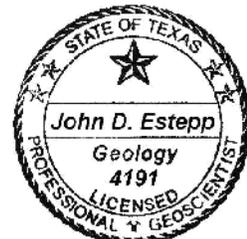
Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Approval of the well completion methods for protection of this groundwater falls under the jurisdiction of the Railroad Commission of Texas. **This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).**

If you have any questions, please contact us at 512-239-0515, sc@tceq.state.tx.us, or by mail MC-151.

Sincerely,

John D. Estep, P.G.

GEOLOGIST SEAL



Geologist, Surface Casing Team
Waste Permits Division

The seal appearing on this document was authorized by John D. Estep on 12/30/2010
Note: Alteration of this electronic document will invalidate the digital signature.