

WELL NAME/NUMBER: ST-3 (Deep)

(b) Lithology sampling - collect sample every:

5' intervals Method Grab from 0 ' to TD ' (depth)
Core type 6" Dennison from _____ ' to _____ ' (depth)
2" Christiansen from _____ ' to _____ ' (depth)

(c) Anticipated drilling additive(s): EZ-mud

7) PROPOSED WELL COMPLETION DESIGN/MATERIALS

(a)	Casing:	Material	Diameter	From	To	Comments
	Temporary	_____	_____	_____	_____	
	Surface	_____	<u>10"</u>	<u>0</u>	<u>100' max</u>	
	Screen (10')	<u>Stainless ++</u>	<u>4"</u>	<u>**</u>	_____	<u>0.02"</u>
	Completion Pipe	<u>stainless +</u>	<u>4"</u>	<u>0</u>	<u>TD</u>	<u>*</u>

Standard material: Blank riser, silt trap, locking cap

N/A Data not available at this time

* for deep completions (450 feet or more)

** to be determined from geophysical logs

+ Type 304, Schedule 5 stainless steel

Type 304, Schedule 10 stainless steel

++ Regular strength screen, extra strength screen used below 450 feet

(b) Filter pack: Standard 8/20 and 16/40 sand and bentonite plug(s), grout to surface.

8) PROPOSED WELL DEVELOPMENT

(a) Surge and bail with surge block and bailer.

(b) Pump with submersible pump until parameters stabilize.

9) WELL AUTHORIZATION

(a) Proposed by Geoscience Consultants, Ltd.

(b) Authorized William E. Waldrip NASA W. Waldrip
(name) (representing) (signature)

NASA-WSTF WELL LOCATIONS

