

CEMENT-LINED TUBING INSTALLATION PROCEDURE

RECOMMENDED PROCEDURE

1. Move all tubing to Permian Enterprises, Inc.'s yard.
2. Clean all tubing.
3. Pressure test all tubing to 5,000 psi.
4. Cement line all tubing with acid resistant cement lining in accordance with Permian's specifications.
5. Return all cement-lined tubing on flat bed trucks, supporting it on wooden shoring as specified by Permian.
6. Keep thread protectors on the pin end of each tubing joint until it is ready to be screwed into the string.
7. Have Permian's representative on location to repair any damaged neoprene and check the joint ends.
8. Use Baker seal thread dope. Apply the thread dope to the pin threads.
9. Inspect the tubing slip dies to be sure that they are sharp and clean.
10. Stop each joint completely before setting the slips.
11. Use wrap-around tongs on the collars.
12. Inspect the power tong dies to see that they are sharp and clean.
13. Do not exceed the recommended torque for the tubing grade and thread type.
14. Before setting the injection packer, run a sinker bar to the packer to remove any excess joint filler.

RWeeter/JESmith

6-27-69

..... Langli Mattix Queen Unit Well No. 21
..... Langlie Mattix Field
..... Lea County, New Mexico

Eleo. 3,110' D.F.

10 3/4" - 35.73 #/ft
Cemt. W/450 Sx5

1,183'

2" Tubing

3141'

7" - 24 #/ft
Cemt. W/200 Sx5

3,297'

6 1/2" CH

3,418' TD