

O'BRIANT ENGINEERING

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AVANTI ENERGY CORPORATION
DICKINSON CATTLE CO. NO. 1-17
LEA COUNTY, NEW MEXICO

DETAILED PLUGGING PROCEDURE

1. Move-in and rig-up Casing pulling unit.
2. Put 450 barrels 10#/gallon brine in tank.
3. Remove well head; install BOP.
4. Unseat packer.
5. Pull out of hole with tubing and packer; fill hole. Return packer to Baker for service and storage.
6. Go in hole with cast iron bridge plug on tubing to 10,600' K.B., set bridge plug (Be very cautious with bridge plug to prevent premature setting).
7. Pull up five feet above CIBP.
8. Mix 7 sacks cement; circulate to spot on CIBP.
9. Pull up hole to clear cement.
10. Mix 35 barrels mud and pump to spot (35 barrels 10# brine with 9 sacks salt water gel).
11. P.O.O.H. with tubing, lay down 20 joints tubing, stand balance in derrick.
12. Remove BOP and well head down to 5-1/2" casing.
13. Weld 5-1/2" casing pick-up joint on casing stub; strap weld also.
14. Pick-up 5-1/2" casing, remove slips and pack-off.
15. Determine casing free point (should be approximately 9900' K.B.).