

ABANDONMENT PROCEDURE
ALLIED CHEMICAL FEDERAL #2
CARLSBAD, S. FIELD
EDDY COUNTY, NEW MEXICO

NOTIFICATION:

1. Notify BLM at (505) 887-6544 (Mr. Shannon Shaw) 24 hours prior to commencing plugging operations. A copy of the approved BLM Notice and Procedure should be available at the location.
2. Notify BLM and UTP Houston of any changes in the procedure due to wellbore or other problems.
3. Notify landowner 24 hours prior to commencing plugging operations.

PROCEDURE:

1. MIRU plugging unit. ND tree. NU BOP's.
2. PU on 2-7/8" tubing. PU additional 2-7/8" work string and RIH to PBTD @ $\pm 6,265'$. Tag same. PU and displace the hole with 10.0 ppg gelled brine (25# salt gel/bbl).
3. Set the following cement plugs while POOH with tubing:
 - 25 sx (230') at 5,500' to 5,270' to cover the top of the Bone Spring and to cover the 8-5/8" casing shoe.
 - 25 sx (230') at 3,580' to 3,350' to isolate perforations in the Delaware. [TAG]
4. ND BOP's. Install lift sub on 5-1/2" casing and PU on same. Cut 5-1/2" casing at 2,800'.
5. POOH laying down 5-1/2" casing.
6. TIH with tubing to 2,900'. Mix and spot a 55 sk cement plug. This is a 200' plug centered on the casing stub. [TAG]
7. PU tubing to 1,970'. Mix and spot 35 sx (100') cement plug to cover the top of the Delaware Sand.
8. POOH with tubing.
9. Install lift sub on 8-5/8" casing. Stretch test and determine freepoint of same.
10. Cut and pull available casing. Anticipated freepoint is 1,200'.