



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

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PLUGGING PROCEDURE

CORINNE GRACE
Ranger Lake Well No. 1-N
660/S & 1980/W, Section 11, T12S, R34E

Contractors will furnish tubing, mud, water and cement, and will construct pits as necessary. All plugs will be set through tubing.

All downhole equipment will be removed -- ie; pumps, rods, etc.

1. Set 4½" CIBP at 9920+ and cap with 35' cement.
2. Free point or take casing stretch and shoot off and recover 4½" casing and set 100' cement plug 50' in and 50' out of stub of 4½" casing. WOC and tag plug for proper fillup. Repeat procedure until proper plug length achieved.
3. Displace hole to mud with 10# brine and 25 lbs. salt get per barrel. All fluids will be circulated into pit and disposed of properly when finished.
4. Set exposed formation isolation plugs as required:
 - *100' top of Abo 7700'
 - *100' top of Glorieta 5585'
 - *these plugs need not be tagged if hole is holding fluid.
5. Set 100' plug with 50' in and 50' out of 8 5/8" intermediate casing show at 4178'. WOC and tag plug for proper fillup. Repeat procedure until proper plug length is achieved.
6. Free point or take casing stretch and shoot off and recover 8 5/8" casing and set 100' stub plug with 50' in and 50' out of 8 5/8" casing stub. WOC and tag cement. Repeat procedure until proper plug length achieved.
7. Set 100' plug at top of salt if exposed. Top of salt is at 2110'. Plug need not be tagged if hole is holding fluid.
8. Set 100' plug with 50' in and 50' out of shoe of 11 3/4" surface casing. WOC and tag plug for proper fillup. Repeat procedure until proper plug length achieved.
9. Set 10 sack cap with proper marker as prescribed by OCD Rules and Regulations.
10. Proper clean up will be made and all salvaged equipment will be moved to a place to be designated.
11. Return surface to as near normal condition as possible.
12. All work will be supervised by an Oil Conservation Division Representative.