

New Mexico "G" State #19

RECOMMENDED PLUG AND ABANDON PROCEDURE

1. Notify NMOCC of intent to plug and abandon 5 days before beginning operations.
2. Pull and lay down rods and pump.
Check for tubing leak.
3. Pull tubing up and spot a 15 sx Class "C" cement plug from 3700' to 3830' above the producing zone. Pump all plus down with mud consisting of 25 sx gel per 100 bbls. brine, and tag all plug tops with pipe.
4. Determine freepoint of 2-7/8" casing (T.O.C. at 2730' by calculation).
5. a) If casing will be cut below 2700' -
 - (1) Cut casing and pull.
 - (2) Run tubing and spot a Class "C" cement plug(s) to meet the OCC requirements for a 100' plug (30 sx/100') straddling the casing cut and a 100' plug (35 sx/100') below the Salado (bottom @ 2717').
One long plug or 2 - 100' plugs may be required.
 - (3) Proceed to step 6.b) If casing will be cut above 2700' -
 - (1) Spot a 100' Class "C" cement plug from 2700'-2800' with 15 sx through tubing.
 - (2) Cut and pull casing.
 - (3) Run tubing and spot a 100' (30 sx) plug across the casing cut through tubing.
 - (4) Proceed to step 6.
6. Spot Class "C" cement plugs through tubing as follows:

<u>Sx</u>	<u>Depth</u>	<u>For</u>
25	1400'-1500'	Below the Salado (top of Yates)
30	250'-350'	Below the Ogallala and across the surface casing seat
10	Surface	

7. Set well marker and clean up location. Call NMOCC to inspect.


