

YATES PETROLEUM CORPORATION

Cocono "avy" State #1

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The above cement volumes are approximate and were calculated under the assumption that a gauge hole will be achieved. Actual cement volumes may vary due to variations in the actual hole gauge and will be determined by running a caliper log on the drilled hole.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. MUD PROGRAM - Visual Monitoring

Interval	Mud Type	Weight	Viscosity	Fluid Loss
0 - 400'	FW Gel	8.6-9.2	28-34	No Control
400'-4300'	Cut Brine going to Brine	9.1-10.4	28-32	No Control
4300'-7900'	Cut Brine	9.0-9.8	28	No Control
7900'-12200'	Brine/S. Gel/Diesel	9.8-10	38-40	No Control
12200'-TD	Salt Gel/Starch	9.8-10	35-42	<12

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. EVALUATION PROGRAM

Logs: LDT/CNL; HALS GR; BHC SONIC TD to 4,300'; GR/Neutron to surface.
DST's: As Warranted.

Cores: Possible sidewall over Morrow & Mississippian.

The evaluation program may change at the discretion of the well site geologist.

7. ABNORMAL CONDITIONS

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area.