

PHILLIPS PETROLEUM COMPANY

WELL: James E Well No. 6
FIELD: Cabin Lake - Delaware
LOCATION: 1980' FSL & ~~680~~¹⁹⁸⁰ ~~675~~⁶⁷⁵ FEL
Section 11, T-22-S, R-30-E
Eddy County, New Mexico

SURFACE HOLE: 475' ± RKB; 17-1/2" Bit

CASING: 13-3/8", 48 lb/ft, H-40, ST&C

PPCo. Allowables
Burst, psi 1620
Collapse, psi 690
Tension, K lbs 215

Make-up Torque, ft-lbs:
Optimum 3220
Minimum 2420
Maximum 4030

CEMENT: Circulate to surface with 800 sacks of Class "C" + 2% CaCl₂.

Slurry Weight: 14.8 ppg
Slurry Yield: 1.32 ft³/sx
Water Requirement: 6.3 gals/sx

Surface casing must be cemented to surface.

INTERMEDIATE HOLE: 3700' RKB, 12-1/4" Bit

CASING: 8-5/8", 24 lb/ft, J-55, ST&C

PPCo. Allowables
Burst, psi 2760
Collapse 1290
Tension, K lbs 163

Make-up Torque, ft-lbs:
Optimum 2440
Minimum 1830
Maximum 3050

CEMENT: Cement must circulate to surface. Run fluid caliper at casing point and add 20% excess.

Lead: Class "C" 65/35 Poz + 6% Bentonite + 15 lb/sx salt.