

Sotol Federal No. 6

Sonat requests the following changes to the drilling program:

1. For economic reasons, permission is requested to set 11-3/4" surface casing at 550' instead of at 810' as originally approved. The only fresh water known to exist in the immediate area is at 275-300' in Sonat's water well in Section 2, T24S, R31E. The TD of this water well is at 320'. BLM records show a water well in the vicinity whose TD is 500'.

Cement will be circulated back to surface.

Cement with 220 sx Class C with 4% gel, 2% CaCl₂ (13.5 ppg, 1.74 ft³/sx) followed by 200 sx Class C with 2% CaCl₂ (14.8 ppg, 1.32 ft³/sx) - 100% excess plus 100 sx to circ 100 sx.

2. For economic reasons, permission is requested to change the intermediate casing design from 8-5/8" 24# J55 STC to 8-5/8" 23# M50 STC. The proposed design would have similar limits as the original approved design. The fluid level will not be allowed to fall below 1700' inside the 8-5/8" casing to meet the collapse design requirements. Lost circulation has never been a problem in the 7-7/8" hole in offsets when drilling the Delaware with 8.4 ppg fluid.

These same changes were recently approved on a nearby well, the Lotos "11-F" Federal No. 2 (H-2-24S-31E).

Verbal approval was obtained from Adam Salamch @ 11:15 a.m. 4/04/96.

*KGC
4/04/96*