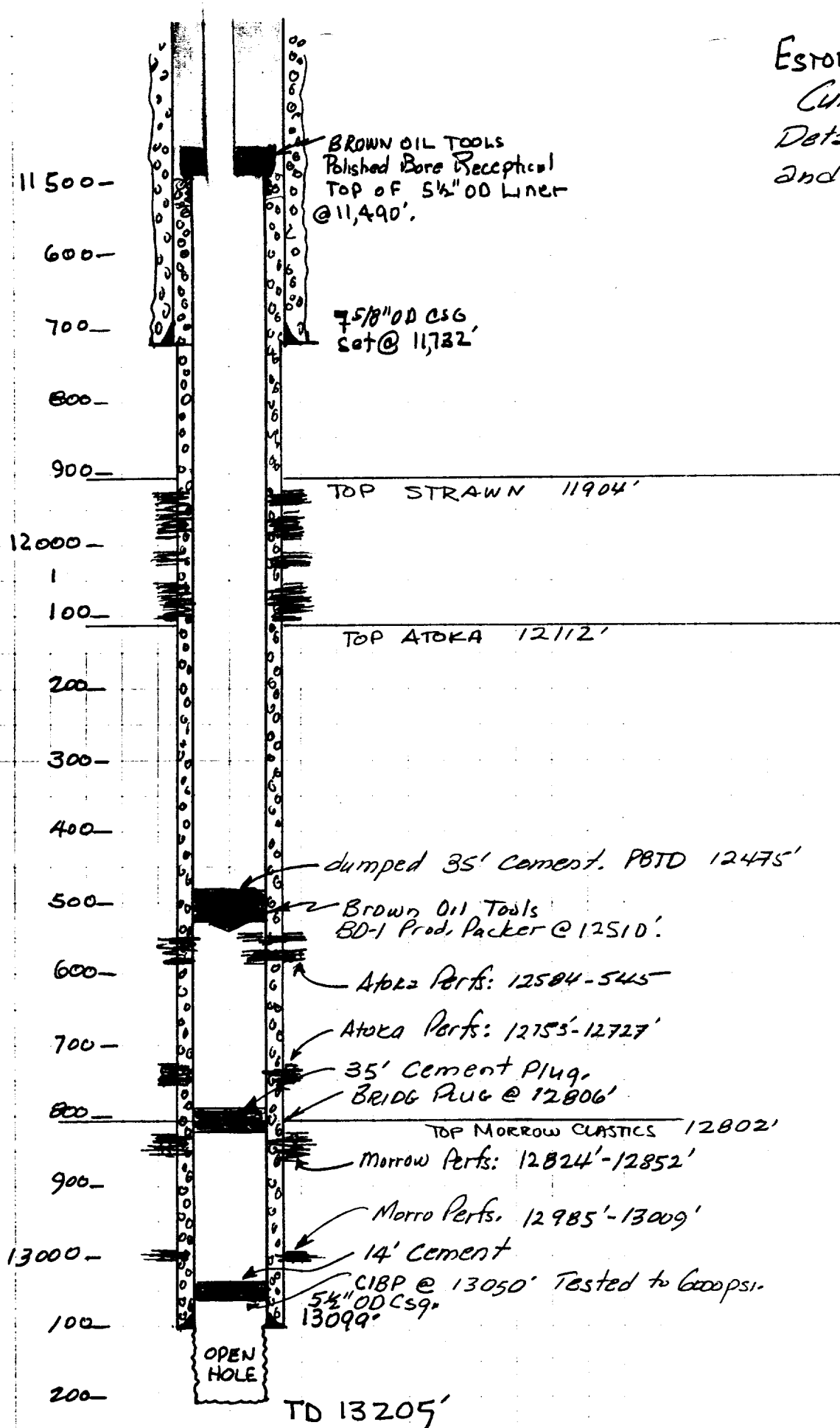


ESTORIL PROD. CORP
 CURRY STATE WELL NO. 1
 Detail of Equipment
 and Completion Data.



CURRY STATE #1

- 10-11-80 Ran 15 Jts 16" casing set @ 603' cemented with 450 sx class C cement with 1% cacl + 1/4# per sx celoseal displaced with 128 BBls water cir 250 sx cement.
- 10-30-80 Ran 128 Jts 10 3/4" 51# 55.5# casing set @ 5105' cemented with 3000 sx pacesetter lite + 7# per sx salt + 5# per sx gilsonite + 1/4# per sx celoseal displaces 485 BBls Mud Bump Plug 2:10 PM with 1500# Ran temp survey found cement top @ 1050' squeezed 725 sx class c cement + 2% cacl shut-in 150# PSI
- 11-25-80 Ran 167 Jts 7 5/8" 33.7# 29.7# 26.4# casing set @11732' top of Liner 4863' Cemented with 1610 sx Halliburton lite + .8% Hallad A + 1/4# Per sx Floseal followed by 200 sx class H + .8% Hallad A + 3# per sx salt displaced with 377 BBls Mud cement in place 9:00AM 11-26-80 dress liner top @ 4863' PSI tested to 2800# Liner Holding
- 1-6-81 Ran 40 Jts 5 1/2" 20# casing set @ 13098' top of Liner at 11490' Cemented 200 sx class H cement + .8% Hallad 22A + 5# per sx KCL + .4% CFR-2 1000 gal SAM 5 spacer displacal with Mud. dressed top 5 1/2" Liner @ 11490' PSI tested to 2500# PSI dropped to 1000# Squeezed 5 1/2" Liner top with 100 sx class H cement + .8% Hallad 22A + 3# Per sx salt, Went in dress of 30' cement on top 5 1/2" liner PSI tested to 3000#
- Drlg 4 1/2" hole from 13099' to 13205' for open hole completion
- Ran 157 Jts 7 5/8" 26.4# casing tied Back into top of 7 5/8" liner at 4863' cemented with 587 sx class C cement + 4% gel + 100 sx class C Neat Cement cir 50 sx cement to surface.