

- 4-13-79: 12,146' - RU TO PU DC & DP - 6 hrs. ran 291 jts. 7 5/8" 33.70#, 29.70#, 26.40#, R-3 LTC S-95 csg. - 1 3/4 hrs. circ. out gas - 6-8' flare - 2 1/4 hrs. w/shoe @ 12,145', FC @ 12,056', pump down 24 bbls CW 100 flush followed w/20 bbls wtr cement with 450 sks Class "H" w/.3% D65 and .4% gal D108 and .125% D13 followed with 250 sks Class "H" neat w/.2% D13. Displ w/568 bbls cut brine - 15 bbls over displace - plug did not bump - float did not hold - close in casing - 4 1/2 hrs. set slips and WOC - 6 hrs. bleed off pressure, cut off casing, NU, change rams to 4" - 2 1/2 hrs. yellow jacket BOP w/5000# - OK - 1 hr. rig to PU DC & DP - Centralizers on 1st, 3rd, 5th, 7th & 9th joints - thread lok GS, 2 joints & 10 of float collar.
- 4-14-79: 12,146' - Mix mud and build volume - 18 1/2 hrs. measure and PU DC & DP - T/cement @ 11,991' - 1/2 hr. test casing w/2000 psi - OK. Cement top 9880' calculated @ 100% efficiency, 9400' Cement Bcnd Log.
- 6-15-79: TD 14,550'. Rig up and ran 64 joints 5 1/2" 23# P110 Rg. 3, FJP casing (2,609.05') with threadlok on shoe, FC and latch collar. Centralizer on every other joint (32) with shoe @ 14,550', FC @ 14,505', and latch collar at 14,505' T/liner @ 11,911'. Circ. out gas. Pump 5 bbls water followed with 24 bbls SAM-5 spacer. Followed with 5 bbls water and cemented with 290 sacks Class "H" with .8% Halad 22-A and .5% CFR-2 and 5# KCL/sack. Slurry batch mixed to 16#. Bump plug with 2900 psi - full returns throughout job. Cement in place @ 5 P.M.
- 6-16-79: 14,504' PBTD - PU 2 7/8" DP - 1/2 hr. feel for cement - no cement - pressure test with 2100# surface pressure - held good.
- 6-17-79: 14,504' PBTD - Cleaning out cement - Mud 11.4#, Vis. 44, WL 6, FC 1/32, Ph 9, Solids 12, Oil 2, KCL 4%. 9 1/4 hrs. PU 2 7/8" DP and RIH - T/cement @ 13,890'. Drill cement 13,890'-13,968'.
- 6-13-79: 14,504' PBTD - Drilling cement - Mud 11.4#, Vis. 44, WL 6, FC 1/32, Ph 9, Solids 12, Oil 2, KCL 4%. OK.
- 6-13-79: 14,504' PBTD - Drilling cement - Mud 11.2#, Vis. 39, WL 16, Ph 10, Solids 14, Oil 2, KCL 4%. 24 hrs. drilling cement.
- 6-20-79: 14,475' PBTD - PU RTTS - Mud 11.2#, Vis. 39, WL 10, FC 1/32, Ph 9.5, Solids 11, Oil 2, KCL 4%. 13 hrs. drilling cement, 3 hrs. circ. hole clean. 8 hrs. POH.
- 6-21-79: 14,475' PBTD - WO X-over sub - 3 1/2 hrs. RIH w/RTTS - Set @ 11,865' - test liner with 2800# surface pressure - 9833# hydrostatic for 1/2 hr. - OK, 4 hrs. POH w/chain, 7 hrs. rig Dresser Atlas - ran GR collar locator and CBL - Dresser's TD 14,482' - good cement through 5 1/2" casing, fair cement to good in 7 5/8" up to 9400'.