

HOBBS OFFICE O. C. C.
Nov 6 10 35 AM '63

4930-34 Dolomite, brown to black, very dense, bleeding from 2" to 3" "bands."

4934-35 Dolomite, gray, dense to lithographic, no shows.

4935-40 Dolomite, tan-gray, dense, anhydritic in part, gray with small brown inclusions in part, microbanded with shale in part, some fair porosity, scattered bleeding throughout.

4940-43 Dolomite, tan-gray, dense, glassy, trace poor porosity, fair scattered bleeding.

Core # 2 4943 - 4995 recovered 58':

4943-49 Dolomite, tan-black, mottled, trace poor vuggy porosity at top, bleeding from hairline fractures.

4949-59 Dolomite, tan to dark gray, oolitic at top, fair to good porosity in part, pin-point bleeding throughout, core analysis shows low permeability.

4959-69 Dolomite, tan, brown and gray, dense, poor to fair pin-point and vuggy porosity in part, argillaceous in part, fair bleeding throughout.

4969-80 Dolomite, gray to brown, dense, glassy in part, no visible porosity, very little bleeding.

4980-83 Dolomite, gray, dense, argillaceous at bottom, light, scattered bleeding.

4983-84 Dolomite, tan, glassy, very hard, bleeding throughout.

4984-87 Dolomite, ditto, very little bleeding, no visible porosity.

4987-92 Dolomite, tan-gray, dense to granular, fair to good vuggy porosity, little to no bleeding.

4992-93-1/2 Dolomite, tan, dense, much bleeding, little to no visible porosity.

4993-1/2-95 Dolomite, tan to light gray, dense, anhydritic, no shows.

RTD 5045' Set 4-1/2" casing at 5044' with 240 sacks. Rigged up swabbing machine. Ran Gamma-Ray-Neutron log to 5003'. Jet perforated with four shots per foot the following intervals: 4897'-99', 4902'-13', 4922'-29' and 4938'-46'. Ran 2" tubing with HOWCO RTTS packer set at 4916'. Treated perforations 4897'-99' and 4902'-13' down casing with 250 gallons spearhead acid plus 2000 gallons DS-50 Acid. Maximum treating pressure 2000#, minimum treating pressure 2200#, injection rate 3.5 b. p. m. Treated perforations 4922'-29' and 4938'-46' with 250 gallons spearhead acid plus 4000 gallons DS-50 with 35 ball sealers. Maximum treating pressure 4200#, minimum treating pressure 3200#, injection rate 5.01 b. p. m.