

JERRY BUTTS Owner-Engineer

box 263 artesis, new mexico 88210

phone 24 hours 505-746-2907



SUGGESTED MUD PROGRAM

HONDO DRILLING COMPANY Trigg-Jennings Com. #1 Sec. 30, T-18s, R-29e Eddy County, New Mexico

SURFACE 0 - 300'

Drill with Spud Mud of Gel & Lime Vis @ 40+ sec/1000

INTERMEDIATE 300' - 3200'

Drill w/ Brine and Native to casing point. Returns will probably be lost and unless you hve hole problems, drill to casing pointblind. Spotting 200 bbl. hi vis mud w/ 5 - 8 #/bbl. LCM will help in getting a good cement job.

PRODUCTION 3200' -Wolfcamp appr. 8500'

Drill w/ fresh water add lime for pH @ 8+,Paper for seepage 8500' - 10,800 top of Morrow

Return to working pits, Raise weight of fluid to 9.4 - 9.6 #/gal add 7 #/bbl. Potash and add Soda Ash for pH control

10,800' - T. D.

Mud Up to drill the Morrow Add 12 #/bbl. Salt Gel for vis @ 36- 45 sec/1000 2-3 #/bbl CelPol for water loss @ 4-6cc

This mud should be sufficient for all operations of the remainder of the well. If the vis is brought up to 40-42 sec/1000 during the last 150' I don't believe we will have to go to 55 vis as on the Alscott #3.

Estimated mud cost with no problems is \$20,000 . If we mud up for DST's prior to the morrow them cost may increase by \$4,000.

Thank you for asking for my suggestions and I assure you that should you choose Adobe for mud service on this well, I will do everything possible to keep the mud in top contition and also try to keep cost as low as I can without sacrificing hte hole condition. Thanks also for all past work \mp

Respectfully, Jerry D. Butts ADOBE DRILLING MUD