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يعد الجوار بالم الحق

H<u>dobe</u> drilling mud

SUGGESTED MUD PROGPAM

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HONDO DRILLING COMPANY ALSCOTT #4 Sec 30, T-18s, R-29e Eddy County, New Mexico

SUMFACE 0 - 300\*

Drill with Soud Mud of Gel & Lime Vis 0 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 C500' - 10,800 top of Morrow

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

10,300' - T. D.

Mud Up to drill the Morrow Add 12 #/bb1. Salt Gel for vis @ 36- 45 sec/1000 2-3 #/bb1 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 worke

Respectfully, Airx. Jerry D. Butts ADOBE DRILLING MUD