

GWDC MABLE HALE FEDERAL #1
EDDY COUNTY, NEW MEXICO

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- 7/20/83 Broke circ & resumed milling @ 7:30 AM, @ 8490', milled 7½ hrs, made 9½' to 8499½', stopped progress, POH w/mill & assembly, LD 1, 3½" DC, mill had 2 tracts on btm, 1 of body of tbg & 1 of tbg collar, mill did not have cone indentation in center, mill had cut 31'-2" in 21 hrs 5", SD.
- 7/21/83 Ran 1, 4-5/8" flat btm mill dressed w/Kutrite, 1, 4½" spiral DC, 3, 3½" DC's & 135 stds 2-3/8" N-80 tbg, plus 1 single jt tbg, started milling @ 8499½', milled 11 hrs, made 20½', returns metal & cmt, mill still cutting making approx. 1'/hr w/6 points toward end of day, circ btms up & PU off btm & SD & secured well @ 8:15 PM.
- 7/22/83 Milled 2 hrs, made 6", depth 8520½', POH w/tbg, DC & mill, ran 4-5/8" flat btm mill, dressed w/Kutrite, 1, 9½" spiral DC, 3, 3½" DC's & 135 stds & single of 2-3/8" OD, N-80 tbg, milled 5½ hrs, made 10', now @ 8530½', returns were metal & cmt, mill that was pulled, had a 5/8" deep x 1½ dia indentation SD operations @ 8 PM & secured well.
- 7/22/83 Resumed milling @ 8530½', milled 5½ hrs, made 9' to 8539½', POH, mill made 1 in 11 hrs, mill had a circle worn, 5/8" deep x 1" dia, had track of tbg, bod & faint track of tbg collar, all centered on mill, ran a 4-5/8" (Starr tool) cutrite flat btm mill w/a raised cutrite cross on btm, milling assembly & milled 3 hrs, made 8' to 8447½' in 3 hrs, SD @ 8 PM for dark, day total 17' -8½ hrs, returns were cmt and metal gummings.
- 7/24/83 Resumed milling @ 8547½', (changed swivel), milled 8½ hrs, made 20' to 8567½', POH, ran new mill w/crossed cutrite bar, flat btm, ran BIH & SDFN, mill had made 28' in 14 hrs, mill had cone indentation.
- 7/25/83 Down Sunday.
- 7/26/83 Started milling @ 8567½', milled 9½ hrs, made 17½' to 8585', returns metal cuttings and cmt, got hung, required 1 hr working free, cleaned working pit by replacing 50 bbls mud w/50 bbls wtr, POH w/mill, had small indentation 5/8" dia in center of mill x ¼" deep & larger mark 1½" dia x 1/8" deep, SDFN.
- 7/27/83 Ran 4-5/8" flat btm cutrite mill w/cutrite cross on btm w/1, 4½" spiral DC, 3, 3½" DC's on 2" N80 tbg, broke circ & started milling @ 9:40, made 5½' in 5-3/4 hrs to 8590½', had tbg collar 8587' to 8588½', returns, cmt & metal cuttings, POH, cross bars worn off mill, had indentation in center of mill, ½" to 5/8" deep x 3/4" dia, cone shaped, had 1 tract 1½" dia x 1/8" deep, 1 tract of tbg body 2-3/8" dia was faint, 1 tract of tbg collar, faint, ran new 4-5/8" flat btm cutrite mill w/cross cutrite bars & milling assembly to btm, SLM, 8592.39, no correction, SDFN.