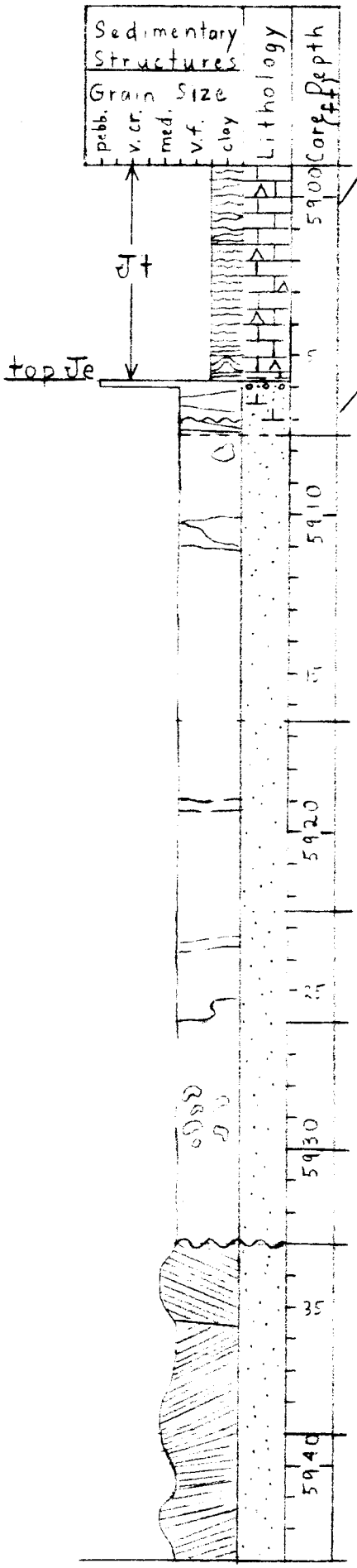
20N 5W Sect. 21

New Mexico
McKinley County

C2

Conventional Core, Well 78
Southeastern San Juan Basin Study Area



Ls., gr.-brn., anhydritic; wavy par. to irreg. subpar., thin to v. thin lam.; wh. anhy. inclusions common along some lam. below 5901.5; lam. above 5901.5 are more irreg.; large mound structure in bottom foot w/ lam. below relatively flat; dk. gr. sh. layer, 3 mm thick at bottom.

Ss., gr., well srtd.; rnded. grs.; even, sub-par. lam. w/ truncation at 5907; abnt. calc. cmt.; cglmtic., f. gred. ss. above 5906 w/ clast of dk. gr. calc. ss.

Ss., dk. brn.-gr., well srtd.; rnded. and frosted grs.; massive; even oil stain; some thin, mottled, dk. zones in places where bl. residual oil occurs in pores; moderately friable.

Ss., brn., as above; massive except for some faint hor. lam. at 5919; bl. residual oil is minor.

Ss., brn., well to v. well srtd.; rnded. to well rnded. grs.; massive except for occ. dk., sltly. inclined, discont., v. thin bands shown by bl. residual oil in pores; even oil stain; good friability.

Ss., as above; massive; bl. residual oil in pores is abundant in upper part; lt. brn. and mottled oil stain toward bottom.

Ss., lt. gr. grading up to lt. brn., as above.

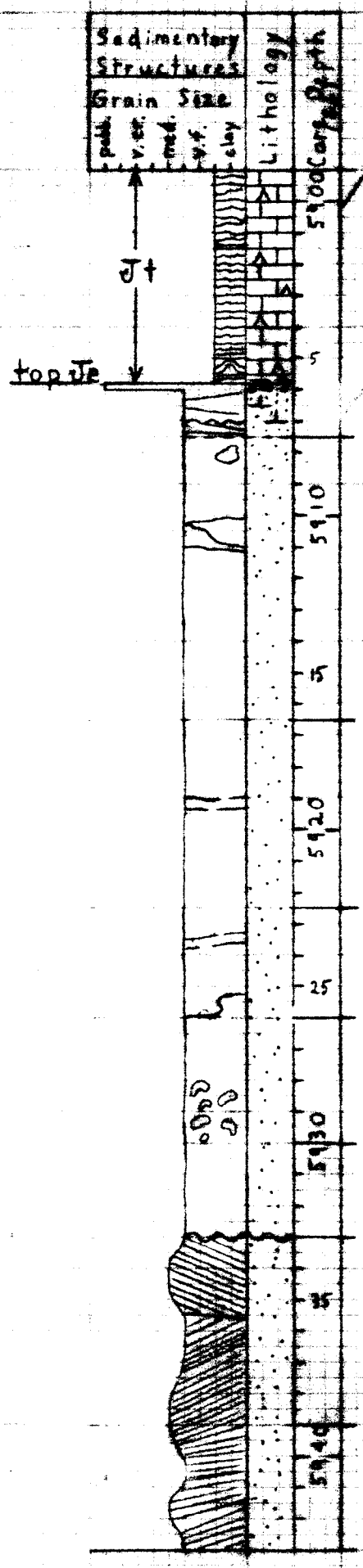
Ss., lt. gr., well srtd.; rnded. to well rnded. and frosted grs.; even, par., v. thin lam. inclined up to 25°; well defined sharp even truncation at 5935.5; modly. friable; some calc. cmt.

Ss., as above; lam. show lateral spreading in places; white cemented fractures w/ 70° dip, spaced 3 in. apart.

Core A 950

c2

Conventional Core, Well 78
Southeastern San Juan Basin Study Area



Ls., gr.-brn., anhydritic; wavy par. to irreg. subpar., thin to v. thin lam.; wh. anhy. inclusions common along some lam. below 5901.5; lam. above 5901.5 are more irreg.; large mound structure in bottom foot w/ lam. below relatively flat; dk. gr. sh. layer, 3 mm thick at bottom.

Ss., gr., well srtd.; rnded. grs.; even, sub-par. lam. w/ truncation at 5907; abnt. calc. cmt.; cglmitic., f. gred. ss. above 5906 w/ clast of dk. gr. calc. ss.

Ss., dk. brn.-gr., v. well srtd.; rnded. and frosted grs.; massive; even oil stain; some thin, mottled, dk. zones in places where bl. residual oil occurs in pores; moderately friable.

Ss., brn., as above; massive except for some faint hor. lam. at 5919; bl. residual oil is minor.

Ss., brn., well to v. well srtd.; rnded. to well rnded. grs.; massive except for occ. dk., siltly. inclined, discont., v. thin bands shown by bl. residual oil in pores; even oil stain; good friability.

Ss., as above; massive; bl. residual oil in pores is abundant in upper part; lt. brn. and mottled oil stain toward bottom.

Ss., lt. gr. grading up to lt. brn., as above.

Ss., lt. gr., well srtd.; rnded. to well rnded. and frosted grs.; even, par., v. thin lam. inclined up to 25°; well defined sharp even truncation at 5935.5; modly. friable; some calc. cmt.

Ss., as above; lam. show lateral spreading in places; white cemented fractures w/ 70° dip, spaced 3 in. apart.

Description by Ron S. Reese, CSM 198.