

CORE DESCRIPTION

W. H. H. H. H. H. H.
Courtland Igneous Suite
660' Fall and 1950' Y. H. H. 5-40-37
New County, New Mexico

CORE #1

Depth Cored: 3400 - 3450'
Recovered: 50'

3400-3404	Tan to gray, fine to coarsely crystalline, anhydritic dolomite
3404-3408	Tan to gray, finely crystalline dolomite; 04-04½ bleeding oil; few carbonaceous streaks.
3408-3409	Tan to gray, finely crystalline dolomite; heavy bleeding; some recementing--no bedding
3409-3410½	Tan to gray, anhydritic dolomite
3410½-3415½	Finely crystalline dolomite with anhydrite inclusions, some black shale; no bedding
3415½-3416½	Finely crystalline dolomite; bleeding
3416½-3425	Shaly dolomite with anhydrite inclusions; no bedding
3425-3429	Brown, very tight dolomite
3429-3437½	Brown, very tight dolomite; anhydrite inclusions; no bedding
3437½-3440	Dolomitic, medium grained sandstone; no odor
3440-3445½	Dolomitic, medium grained sandstone; strong odor
3445½-50	Dolomite with shaly streaks

CORE #2

Depth Cored: 3450 - 3507'
Recovered: 57'

Sample description has not been received from Core Laboratories.

CORE #3

Depth Cored: 3507 - 3564'
Recovered: 57'

3507-3513½	Dark, brown, medium crystalline, shaly dolomite
3513½-14	Missing
3514-3514½	Gray, sandy, medium to coarsely crystalline dolomite; stain concentrated in the more sandy spots
3514½-17	Greenish-gray, shaly, medium crystalline dolomite; streaks of black-gray shale
3517-3519	Black, very shaly
3519-3520½	Gray, finely crystalline dolomite
3520½-3522½	Gray, sandy, medium crystalline dolomite

Introduction

The purpose of this study is to investigate the effects of the proposed system on the performance of the system.

The results of the study are presented in the following sections.

2.1

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