

284

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

NEW MEXICO WELL LOG DIVISION

Casing Record:
10" - 450'
8 1/2" - 2138'
6-5/8" - 2466'

Hddy County
Leonard & Levers
No. 1 Levers - Permit
No. 800-21-T-173-R-29K.
Elevation: 3684'
Commenced: 9-17-29
Completed: 1-23-30

Formation	Bottom	Formation	Bottom
Soil	2	Anhydrite and brown shale	2060
Caliche	20	Brown sandy lime	2110
Red beds	65	Gray lime	2177
Gypsum	90	Sharp gray lime - show gas	2190
Red beds	120	Gray lime	2226
Gypsum	160	Lime	2338
Gypsum and red beds	195	Sandy lime - show oil	2344
Gypsum	225	Gray lime	2410
Red beds and gypsum	240	White lime	2455
Gypsum and rock	295	Gray lime	2475
Salt	310	White lime	2510
Salt	400	Gray lime and green shale(?)	2520
Anhydrite	470	Gray lime and bentonite	2535
Salt	690	White lime - gas shut in, 640' rock pressure, 3 1/2 hrs.	2545
Anhydrite	819	White lime	2585
Salt and anhydrite	830	Dark gray lime - showing sulphur gas	2605
Anhydrite and lime	850	Gray lime, showing oil from 2620-23 (corrected measure- ment makes showing from 2632-2637)	2642
Anhydrite and sand	860	Gray lime, shut down 24 hrs.; hole made 4 blrs. of oil	2735
Anhydrite	895	Dark gray lime	2775
Salt and red sand breaks	910	Dark gray lime	2801
Red sand	920	Brown lime	2834
Anhydrite	950	Gray lime - showed some gas from 2820-29'	2845
Lime and anhydrite	960	Gray lime	2862
Anhydrite and lime	975	Dark gray lime	2937
Anhydrite and red sand	1025	Light brown lime, showing some oil 2930-32'	2946
Lime and anhydrite	1050	Dark gray lime	2969
Anhydrite	1075	Dark gray lime	2987
Anhydrite and lime	1100	Gray lime	3070
Anhydrite	1175	Sand	3078
Anhydrite, lime - Gas 1225'	1220	Brown lime	3083
Gas sand	1230	Dark gray lime, some gas from 3100-35'	3105
Anhydrite and lime	1440	Dark gray lime	3135
Anhydrite	1485	Gray lime	3178
Anhydrite and lime	1495	Sandy gray lime	3205
Anhydrite and sand	1520		
Anhydrite and red shale	1545		
Anhydrite	1590		
Gray anhydrite and brown shale	1690		
Gray anhydrite and brown shale	1720		
Anhydrite and brown shale	1748		
Red sand	1760		
Anhydrite and brown shale	1830		
Anhydrite	1900		

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Sec. 21-T. 17S-R. 29E, Eddy County.

Formation	Bottom
Gray lime - little more gas 3222-27'	3255
Darker gray lime	3265
Dark gray lime	3300
Gray lime	3312
Gray lime, light	3322
Gray lime	3333
Dark gray lime	3368
Black lime	3385
Very dark gray lime	3398
Dark gray lime	3406
Gray lime	3437
Gray lime, hard and sharp	3456
Light gray lime	3482
Dark gray lime	3490
Light gray lime	3500
Lime T. D.	3507