

New Mexico
Institute of Mining and Technology
STATE BUREAU OF MINES AND MINERAL RESOURCES
Socorro, New Mexico

CASING RECORD
Diam. in/Bottom
12-1/2 222'
10-3/4 573'
8-5/8 680'
7 1632'

ELEVATION: 4435
IP: 1,750,000 CO₂

COUNTY: Harding
FIELD: Mitchell
COMPANY: Carbonic Chemicals Corp.
LEASE: Mitchell #7
LOCATION: 660 from S Line
660 from W Line
SEC: 29 T. 19N R. 30E
COMMENCED: 5-13-46
COMPLETED: 9-9-46

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Surface mad	10	Shale, sandy	1390
Sand	20	Sand, white, small amt water	1390'
Quicksand and gravel, small amt. water		to 1400'	1475
27'-30'	40	Sand, brown	1495
Red beds	85	Lime	1500
Blue shale, water 120'-125'-100 GPH 130		Sandy shale	1515
Red shale	140	Lime	1550
Blue shale	145	Sandy shale	1560
Red shale	180	Lime	1595
Blue shale	195	Red shale	1600
Sand, small amt. water	205	Lime, sandy	1605
Brown shale	300	Red sand	1890
Blue shale	310	Gray lime	1905
Brown shale	330	Red sand, CO ₂ (1950-1965) 565# gauge	
Red rock	345	pressure approx. 750,000 cu. ft. 1965	
Blue shale	450	Red sand	1980
Brown shale, trace CO ₂ Gas at 525' 530		Red sand, increase in CO ₂ gas 1990 T.D.	
Sand broken, small amt. water 555-560' 580		approximately 1,750,000 cu. ft.	
Red bed	595	shut in pressure 565#	
Blue clay, cavy at 620', cemented off			
with 90 sacks	640		
Sandy shale	675		
Gray sand	685		
Brown sand, CO ₂ Gas at 700-705'	720		
Brown sand	800		
Shale	875		
Sandy	900		
Blue shale	935		
Red beds	965		
Lime shells	1020		
Sandy shale	1035		
Red shale	1145		
Lime	1160		
Anhydrite, small amt water 1205-1210 1245			
Red shale	1265		
Lime	1290		
Shale	1300		
Lime, broken	1330		
Blue shale	1360		
Lime	1370		
Shale, light	1377		