

GREAT LAKES CARBON CORPORATION
Swartz No. 1

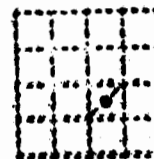
SEC. 31 T. 31 R. 11 W.
CNW SE

31-31-11W

PLUGGING BACK RECORD

Total Depth. 4619 PB3327
Comm. 2-17-42 Comp. 3-29-42
Shot or Treated.
Contractor. Crow Drilling Co.
Issued. 8-15-42

County Barber.



CASING.

5 1/2" 4273' cemented

Elevation.

Production. DRY ↓

see below

Fig res Indicate Bottom of Formations.

sand	42	limo	3098
gravel	87	shale and limo	3130
red rock	125	broken limo & shale	3178
shale red and shells	368	shale & limo strks	3228
shale and shells	1086	shale	3300
salt	1190	limo	3314
anhydrite shale strks	1253	sdv limo soft	3380
shale and shells	1502	sdv limo	3410
anhydrite	1567	shale	3495
broken limo and shale	1654	sand	3530
anhydrite	1675	lime	3534
shale and anhydrite		sdv shale	3614
streaks	1700	sdv limo & shale	3658
shale and shells	1762	limo	3994
shale	1783	broken limo	4030
lime	1820	lime	4097
shale	1827	lime rough	4108
lime and shale strks	1887	lime	4204
broken limo	2012	broken limo and shale	4241
lime&shale strks	2065	shale	4273
broken limo	2142	chat	3284
shale and lime	2187	CABLE TOOLS.	
lime	2219	chat	4340
broken limo & shale	2240	shale green and chat	4342
lime	2263	shale green	4345
broken limo	2409	red rock	4360
lime	2440	chat	4391
shale and lime	2478	shale	4422
broken limo	2524	shale blue	4425
sdv limo	2553	shale	4439
broken limo	2601	shale blue	4521
shale and lime strks	2681	limo Viola	4608
shale	2725	sdv limo soft.	4619 HFV
sdv limo	2762	Total Depth.	
shale lime strks	2792		
broken limo	2802		
limo	2851		
broken limo	2918		

PLUGGING BACK RECORD:

P.B.T.D. 3327
Comm. 4-30-42 Comp. 6-10-42
Production 3.9 million gas
5 1/2" 3308 cemented; open hole 3308-3339 Cem.
drld cement to 3327; Perf. w/63 shots
3308-27; Gas gauged 3.9 million
thru 2 1/2" tbg - R. P. 1330#