

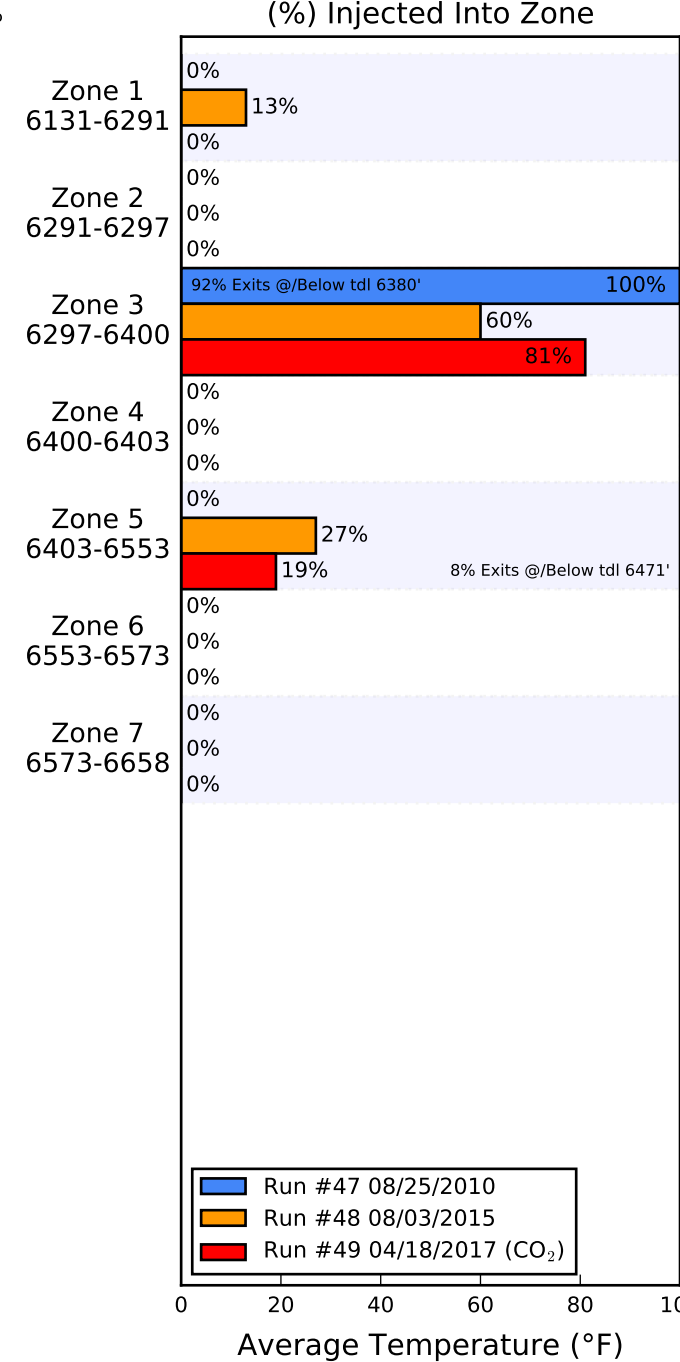
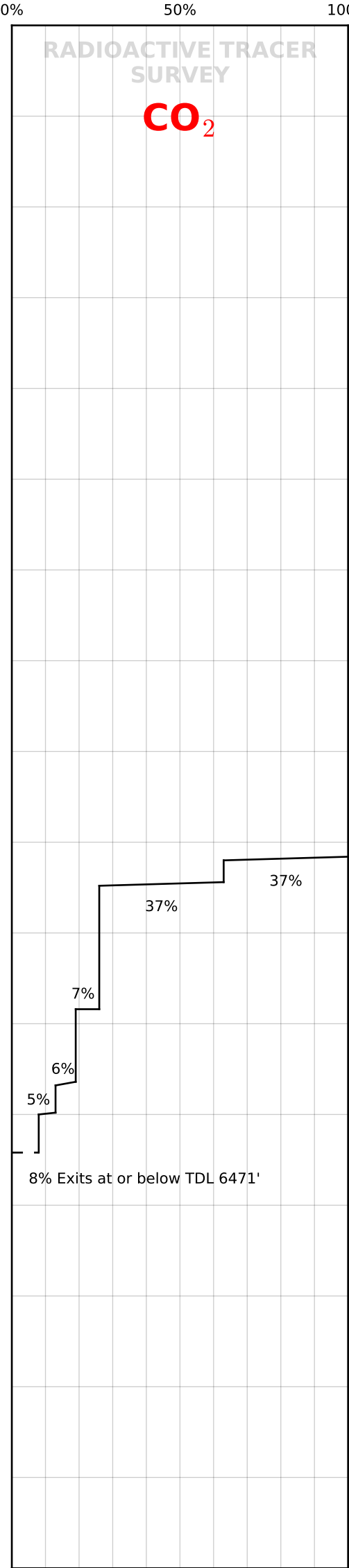
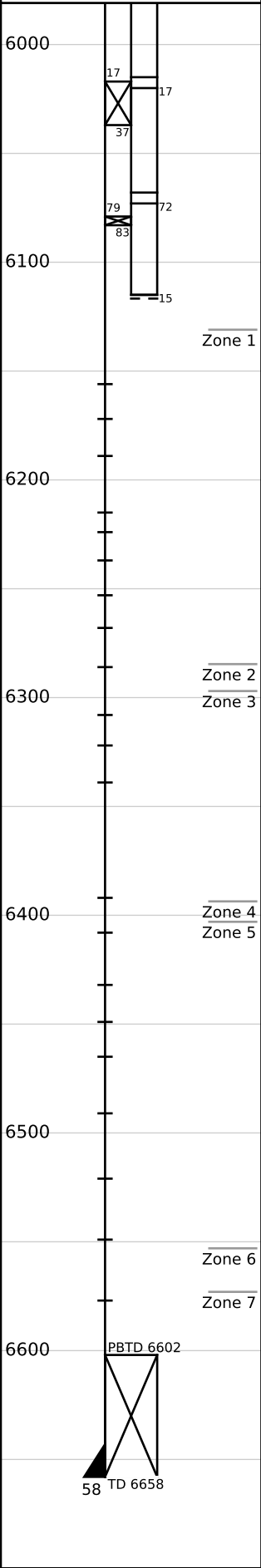


Well: Gray A-21X
(2712)
Field: Rangley, Co.

Survey Data		Remarks
Run No.49		R/A Tracer indicates top perf and packer O.K. 3/31/17, Ran 1.75" G/R to +/- 6380'. Survey O.K.
Survey Type: T-S-T	Surface Temp: 89.9 °F	
Date: 04/18/2017	BHT: 127.0 °F	
Metered Rate: 2700 mcf/d	TBG Pressure: 1980 PSI	
Measured Rate: 1032 B/D	CSG Pressure: 0 PSI	
Desired Rate: N/A	Pick Up: 6471' TDL	
Service Co: PLS	Inj. Fluid: CO ₂	
		Recorded By: J.R. Hacking

Mechanical Information

7" 23# Casing	0'-6658'
P.B.T.D	6602'-6658'
2-7/8" F.L. Tubing	0'-6015'
On/Off Tool 1.875" "F"	6015'-6017'
Free Cap Packer	6017'-6037'
2-7/8" F.G.W. TK-15	6037'-6068'
On/Off Tool 1.875" "F"	6068'-6072'
2-7/8" F.G.W. TK-15	6072'-6079'
Packer	6079'-6083'
2-7/8" F.G.W. TK-15	6083'-6114'
2-7/8" X 2-3/8" X Over	6114'
1.875" "X" Nipple	6114'-6115'
	F-13 "A"



	Run #47 08/25/2010	Run #48 08/03/2015	Run #49 04/18/2017
Surface	100.6	94.2	89.9
6131-6291	--	--	--
6291-6297	--	--	--
6297-6400	--	--	--
6400-6403	--	--	--
6403-6553	--	--	--
TDL (6471)	119.2	113.8	127.0
6553-6573	--	--	--
6573-6658	--	--	--
Rate (B/D)	600	1561	1032
Press (PSI)	1000	1385	1980