



Well: S.W. McLaughlin 12X
(4534)
Field: Rangley, Co.

Survey Data

05-103-07601

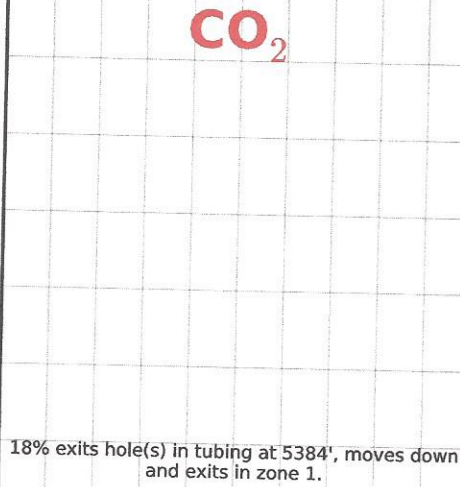
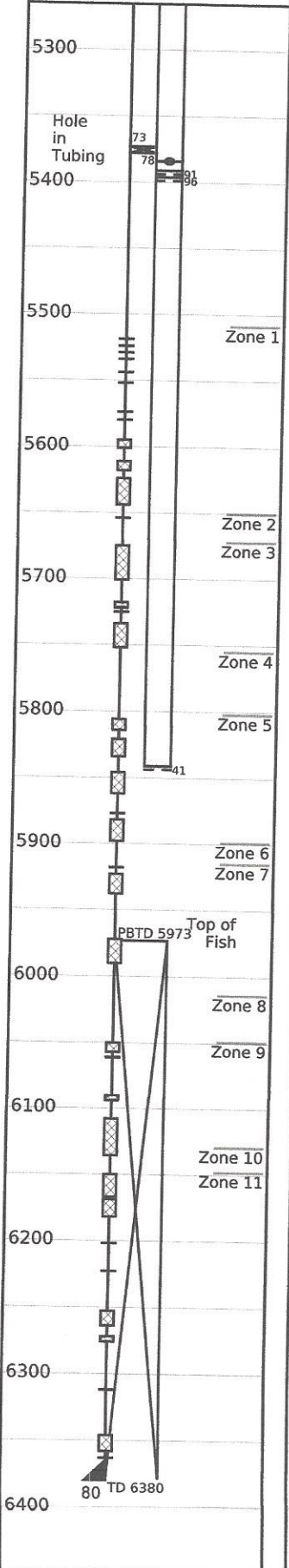
Remarks

Run No.23			R/A Tracer indicates top perf and packer O.K. Recorded By: Matt Stratton
Survey Type: T-S-T	Surface Temp: 84.6 °F		
Date: 10/14/2015	BHT: 129.3 °F		
Metered Rate: N/A	TBG Pressure: 2200 PSI		
Measured Rate: 613 B/D	CSG Pressure: 0 PSI		
Desired Rate: N/A	Pick Up: 5643' TDL		
Service Co: PLS	Inj. Fluid: CO ₂		

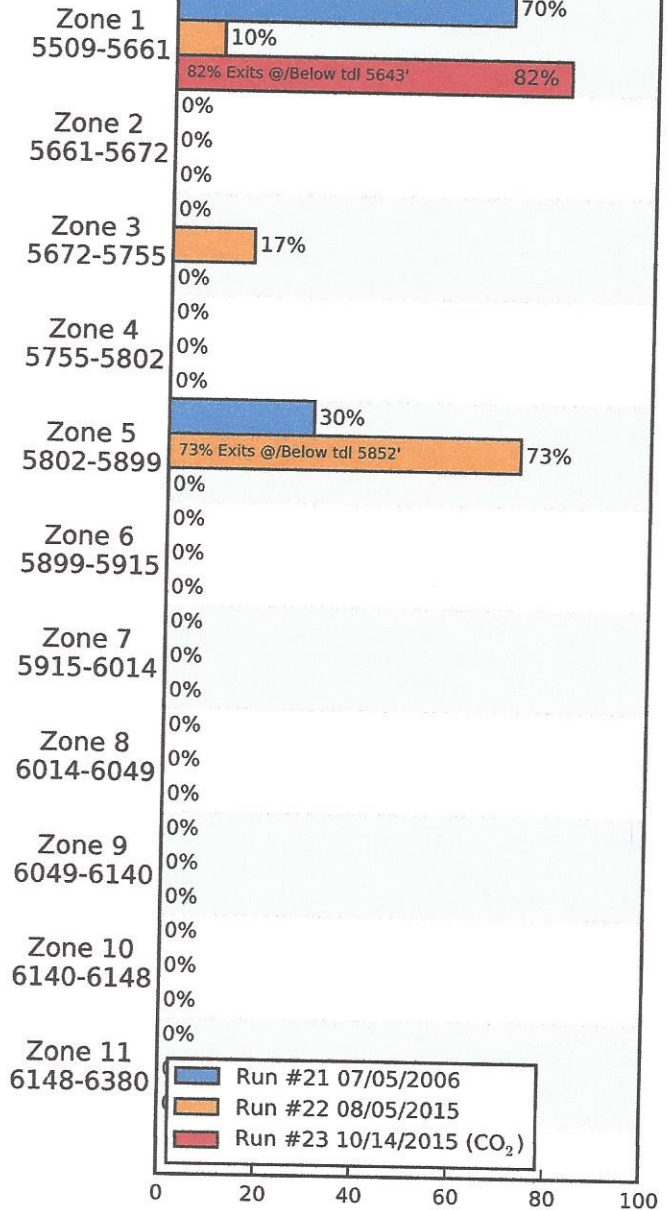
Mechanical Information

7" 23# Casing	0'-6380'
P.B.T.D	5973'
2-7/8" F.L. Tubing	0'-5373'
Top Packer	5373'-5378'
Tubing Hole	5384'
Mill Out Extension	5378'-5384'
2-3/8" P.L. Tubing	5384'-5390'
1.875 "F" Nipple	5390'-5391'
2-3/8" P.L. Tubing	5391'-5395'
1.875" "X" Nipple	5395'-5396'
2-3/8" Star F.G. Tubing	5396'-5840'
"R" Nipple	5840'-5841'
	Q-22 "B"

0% 50% 100%



(%) Injected Into Zone



Average Temperature (°F)

	Run #21 07/05/2006	Run #22 08/05/2015	Run #23 10/14/2015
Surface	91.0	97.5	84.6
5509-5661	--	--	--
TDL (5643)	133.0	118.0	129.3
5661-5672	--	--	--
5672-5755	--	--	--
5755-5802	--	--	--
5802-5899	--	--	--
5899-5915	--	--	--
5915-6014	--	--	--
6014-6049	--	--	--
6049-6140	--	--	--
6140-6148	--	--	--
6148-6380	--	--	--
Rate (B/D)	744	368	613
Press (PSI)	2150	1775	2200