



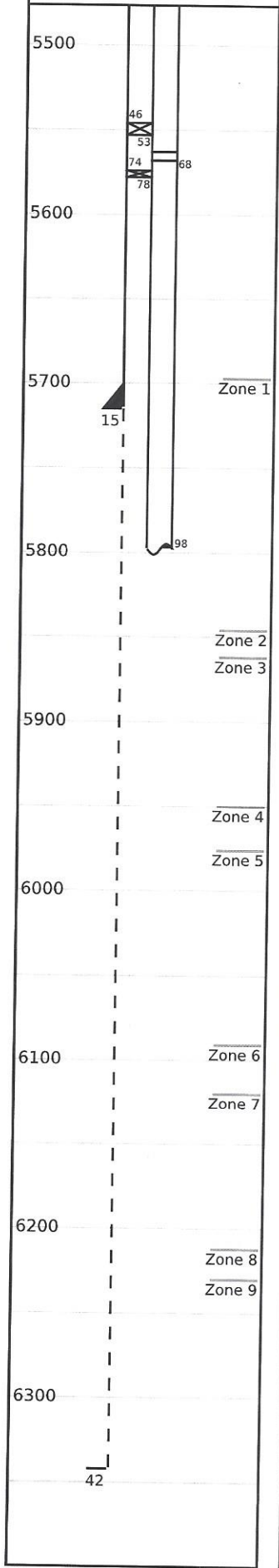
Well: J.E. Coltharp 4
(6534)
Field: Rangley, Co.

Survey Data

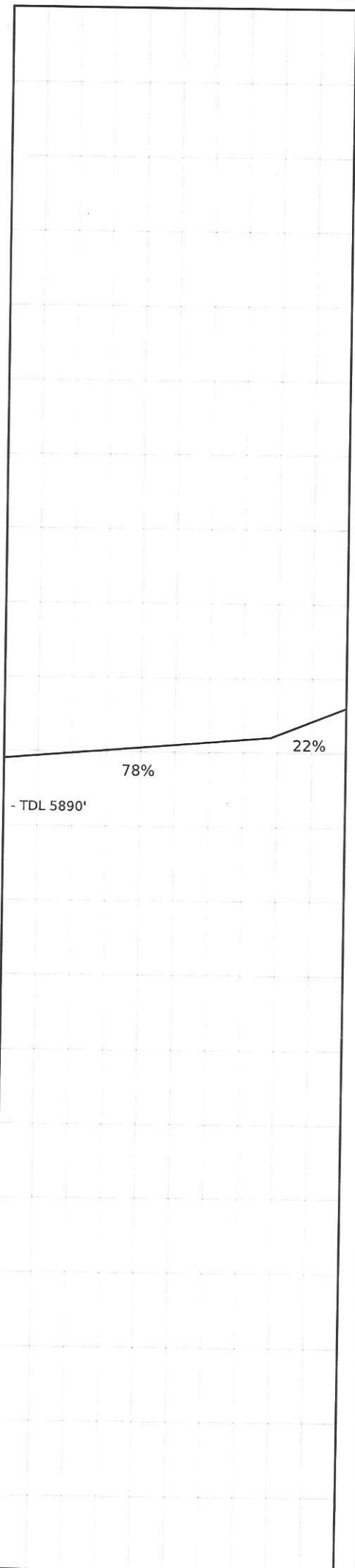
Run No.14		Remarks
Survey Type: T-S-T	Surface Temp: 82.3 °F	R/A Tracer indicates top perf and packers O.K. 5-18-15, Ran 1.75" G/R to 5883'.
Date: 05/19/2015	BHT: 102.5 °F	
Metered Rate: 1320 B/D	TBG Pressure: 1575 PSI	
Measured Rate: 1262 B/D	CSG Pressure: 0 PSI	
Desired Rate: N/A	Pick Up: 5890' TDL	
Service Co: PLS	Inj. Fluid: H ₂ O	Recorded By: J.R. Hacking

Mechanical Information

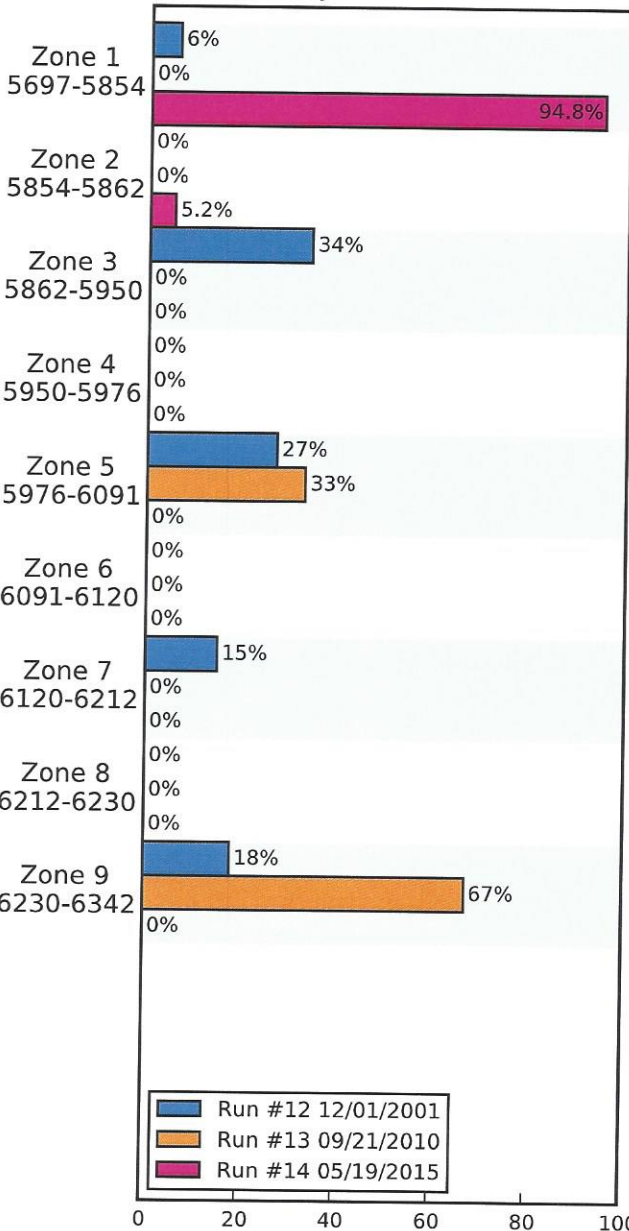
7" 23# Casing	0'-5715'
Open Hole	5715'-6342'
2-7/8" F.L. Tubing	0'-5546'
Top Packer	5546'-5553'
2-7/8" F.G.W. F.L. Pup	5553'-5563'
On/Off Tool 1.875" "F"	5563'-5568'
2-7/8" F.G.W. F.L. Pup	5568'-5574'
Packer	5574'-5578'
2-7/8" F.G.W. TBG&TK-15	5578'-5798'
Q-32 "C"	



0% 50% 100%



(%) Injected Into Zone



Average Temperature (°F)

	Run #12 12/01/2001	Run #13 09/21/2010	Run #14 05/19/2015
Surface	84.7	81.2	82.3
5697-5854	--	--	--
5854-5862	--	--	--
5862-5950	--	--	--
TDL (5890)	138.4	140.1	102.5
5950-5976	--	--	--
5976-6091	--	--	--
6091-6120	--	--	--
6120-6212	--	--	--
6212-6230	--	--	--
6230-6342	--	--	--
Rate (B/D)	500	781	1262
Press (PSI)	1450	600	1575