



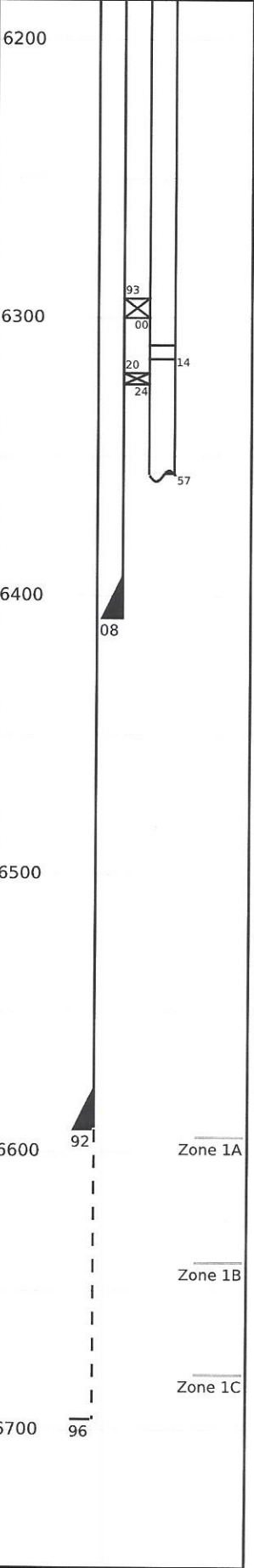
Well: M.C. Hagood A-4
(1815)
Field: Ranglely, Co.

Survey Data

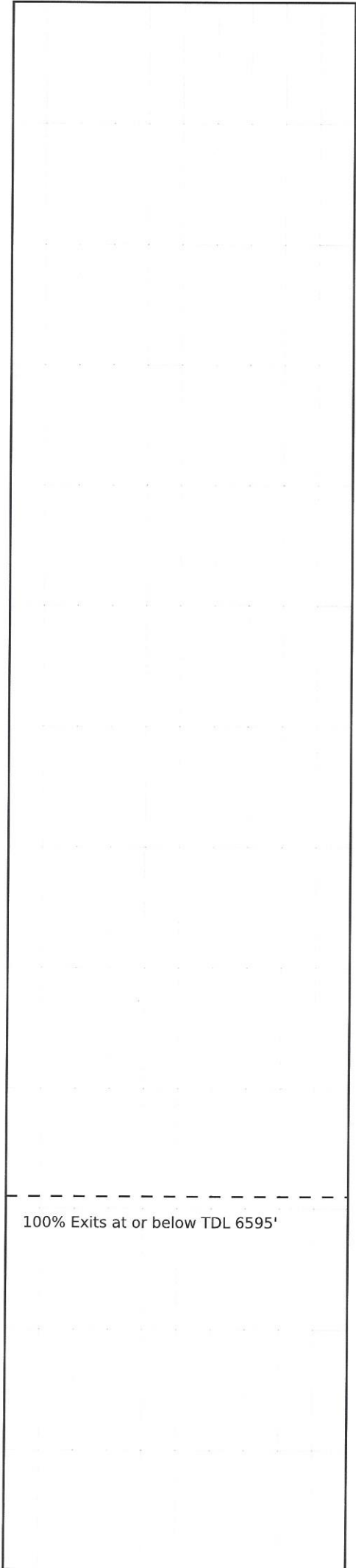
Run No.3		Remarks
Survey Type: T-S-T	Surface Temp: 119.5 °F	R/A Tracer indicates casing shoe and packers O.K. 8/3/15, Ran in hole with logging tools.
Date: 08/03/2015	BHT: 121.8 °F	
Metered Rate: N/A	TBG Pressure: 800 PSI	
Measured Rate: 1810 B/D	CSG Pressure: 0 PSI	
Desired Rate: N/A	Pick Up: 6595' TDL	
Service Co: PLS	Inj. Fluid: H ₂ O	Recorded By: J.R. Hacking

Mechanical Information

7" 20# & 23# Casing	0'-6592'
Open Hole	6592'-6696'
5-1/2" 17# Liner	0'-6408'
2-7/8" 7.7# F.L. Tubing	0'-6293'
Top Packer	6293'-6300'
2-7/8" F.G.W. Pup	6300'-6310'
On/Off Tool	6310'-6314'
2-7/8" F.G.W. Pup	6314'-6320'
Packer	6320'-6324'
2-7/8" F.G.W. Tubing	6324'-6357'
C-03	



0% 50% 100%



(%) Injected Into Zone

Zone 1A
6595-6640

Zone 1B
6640-6680

Zone 1C
6680-6696

80% Exits @/Below tdl 6628'	100%
80% Exits @/Below tdl 6626'	100%
100% Exits @/Below tdl 6595'	100%
0%	
0%	
0%	
0%	
0%	
0%	
0%	

Run #1 06/12/2006
Run #2 11/12/2013
Run #3 08/03/2015

0 20 40 60 80 100

Average Temperature (°F)

	Run #1 06/12/2006	Run #2 11/12/2013	Run #3 08/03/2015
Surface	119.1	108.2	119.5
6595-6640	--	--	--
TDL (6595)	120.9	--	121.8
6640-6680	--	--	--
6680-6696	--	--	--
Rate (B/D)	3375	2328	1810
Press (PSI)	1600	1520	800