



Casing Information					
Label	1	2	3	4	5
Type	Conductor	Surface	Intermediate	Production	Liner
OD	30"	16"	13-3/8"	9-5/8"	7-5/8"
WT		0.495"	0.480"	0.545"	0.500"
ID		15.010"	12.415"	8.535"	6.625"
Drift ID		14.822"	12.259"	8.379"	6.500"
COD		17.000"	13.375"	10.625"	7.625"
Weight		84 lb/ft	68 lb/ft	53.5 lb/ft	39 lb/ft
Grade		J-55 BTC	L-80 EZ-GO FJ3	HCP-110 BTC	Q-125 EZ-GO FJ3
Hole Size	Set and grouted	18-1/8"	14-3/4"	12-1/4"	8-1/2"
Depth Set	120'	614'	2,594'	9,924'	Top: 9,724' Bottom: 12,094'
TOC	Circulate to surface	Circulate to surface	Circulate to surface	Circulate to surface	9,724'
Volume	249 sacks	308 sacks	462 sacks	2,905 sacks	459 sacks
% Excess	0%	50%	30%	50%	50%

Tubing Information	
Label	6
OD	5-1/2", 5"
WT	0.361", 0.362"
ID	4.778", 4.276"
Drift ID	4.653", 4.151"
COD	6.050", 5.563"
Weight	20 lb/ft, 18 lb/ft
Grade	HCL-80 BTC, HCL-80 LTC
Depth Set	0' - 9,674' 9,674' - 12,044'

LONQUIST & CO. LLC PETROLEUM ENGINEERS ENERGY ADVISORS HOUSTON CALGARY AUSTIN WICHITA DENVER	Solaris Water Midstream, LLC	McCrae SWD No. 1	
	Country: USA	State/Province: New Mexico	County/Parish: Eddy
Location:	Site: 885' FNL & 925' FEL	Survey: S33-T19S-R28E	
API No: NA	Field: Devonian-Silurian (Code: 97869)	Well Type/Status: SWD	
Texas License F-9147	NMOCD District No: 2	Project No: 1919	Date: 10/9/2019
12912 Hill Country Blvd. Ste F-200 Austin, Texas 78738 Tel: 512.732.9812 Fax: 512.732.9816	Drawn: AJG	Reviewed:	Approved:
	Rev No: 1	Notes:	