

SCS Engineers
MGPI #1

CL File No: 202400566
Date: 04-Apr-2024
Analyst(s): SM

CMS-300 CONVENTIONAL PLUG ANALYSIS

Sample Number	Depth (ft)	Net Confining Stress (psig)	Pore Volume (cm3)	Porosity (%)	Permeability		Grain Volume (cm3)	Grain Density (g/cm3)	Dry Weight (g)	Length (cm)	Diameter (cm)	Fresh Weight (g)
					Klinkenberg	Kair						
					(md)							
3	2509.50	800	2.002	15.77	.329	.610	10.690	2.835	30.302	2.634	2.479	NA
3	2509.50	1750	1.929	15.29	.321	.560	10.690	2.835	30.302	2.634	2.479	NA
5	2520.11	800	2.213	17.24	45.6	59.8	10.627	2.799	29.747	2.633	2.502	NA
5	2520.11	1750	2.150	16.83	34.8	52.3	10.627	2.799	29.747	2.633	2.502	NA
8	2542.80	800	0.612	4.62	286	296	12.646	2.817	35.628	2.685	2.505	NA
8	2542.80	1750	0.572	4.33	132	194	12.646	2.817	35.628	2.685	2.505	NA

Duplicates Ran by CoreLab

SCS Engineers
MGPI #1

CL File No: 202400566
Date: 27-Mar-2024
Analyst(s): SM

CMS-300 CONVENTIONAL PLUG ANALYSIS

Sample Number	Depth (ft)	Net Confining Stress (psig)	Pore Volume (cm3)	Porosity (%)	Permeability		Grain Volume (cm3)	Grain Density (g/cm3)	Dry Weight (g)	Length (cm)	Diameter (cm)	Fresh Weight (g)
					Klinkenberg	Kair						
					(md)							
1V	1822.00	800	0.899	11.90	.002	.009	6.654	2.829	18.822	1.516	2.525	18.953
1V	1822.00	1750	0.793	10.65	.001	.004	6.654	2.829	18.822	1.516	2.525	18.953
2V	1834.70	800	0.788	12.96	.651	.747	5.289	2.855	15.102	1.236	2.534	15.227
2V	1834.70	1750	0.753	12.46	.304	.330	5.289	2.855	15.102	1.236	2.534	15.227
1H	2520.00	800	4.212	13.58	132	141	26.802	2.815	75.449	6.253	2.528	75.527
1H	2520.00	1750	4.095	13.25	90.2	113	26.802	2.815	75.449	6.253	2.528	75.527
2H	2542.85	800	2.125	7.80	513	527	25.108	2.825	70.936	5.461	2.525	70.977
2H	2542.85	1750	2.060	7.58	137	212	25.108	2.825	70.936	5.461	2.525	70.977

Additional samples ran by CoreLab