

BP Technical Memo

Reservoir Properties

Well ID	Zone	Interval	Formation	Rock Type	Porosity (%)	Permeability (mD)	Core Quality	Core Depth (m)	Core Interval (m)	Core Length (m)	Core Diameter (cm)	Core Weight (kg)	Core Volume (m³)	Core Area (m²)	Core Permeability (mD)	Core Porosity (%)	Core Permeability Index	Core Permeability Ratio	Core Permeability Index Ratio	Core Permeability Index Ratio
S023	S023	1000-1005	Sandstone	Med	15.06	7.5	1	1000	1005	5	10	10	0.0001	0.0001	1000	15.06	7.5	1000	15.06	7.5
S026	S026	1000-1005	Sandstone	Med	15.06	7.5	1	1000	1005	5	10	10	0.0001	0.0001	1000	15.06	7.5	1000	15.06	7.5
M57B	M57B	1000-1005	Sandstone	Med	15.06	7.5	1	1000	1005	5	10	10	0.0001	0.0001	1000	15.06	7.5	1000	15.06	7.5
M57C	M57C	1000-1005	Sandstone	Med	15.06	7.5	1	1000	1005	5	10	10	0.0001	0.0001	1000	15.06	7.5	1000	15.06	7.5
M56A	M56A	1000-1005	Sandstone	Med	1702.07	467.39	1	1000	1005	5	10	10	0.0001	0.0001	1000	1702.07	467.39	397.28	1702.07	467.39
M56B	M56B	1000-1005	Sandstone	Med	7.43	3.12	1	1000	1005	5	10	10	0.0001	0.0001	1000	7.43	3.12	1000	7.43	3.12
M56C	M56C	1000-1005	Sandstone	Med	4.73	4.05	1	1000	1005	5	10	10	0.0001	0.0001	1000	4.73	4.05	1000	4.73	4.05
M56D	M56D	1000-1005	Sandstone	Med	257.67	101.8	1	1000	1005	5	10	10	0.0001	0.0001	1000	257.67	101.8	86.53	257.67	101.8
M56E	M56E	1000-1005	Sandstone	Med	514.04	323.79	1	1000	1005	5	10	10	0.0001	0.0001	1000	514.04	323.79	275.22	514.04	323.79
M56F	M56F	1000-1005	Sandstone	Med	1440.59	129.87	1	1000	1005	5	10	10	0.0001	0.0001	1000	1440.59	129.87	110.39	1440.59	129.87

Draft for Discussion

Sand Name	Arithmetic Air Perm MD	Geometric Air Perm MD	Perm Converted to Oil 85% MD	Perm Used in Model mD
S023			1000	NA
S026			1000	NA
M57B	15.06	7.5	7.50	7.5
M57C				0.1
M56A	1702.07	467.39	397.28	397.3
M56B	7.43	3.12		3.0
M56C	4.73	4.05		4.0
M56D	257.67	101.8	86.53	86.5
M56E	514.04	323.79	275.22	275.2
M56F	1440.59	129.87	110.39	110.4