

Appendix 2: Well log attributes

STRIKE SECTION A - A'

WELL #	DGO #	API #	TD (FT)	LATITUDE (N)	LONGITUDE (W)	ELEVATION (FT)	OPERATOR NAME	WELL TYPE
1*	DI-0698	4505122472	1905	37.10017579	-82.19675101	1734.7	Equitable Production Company	Coalbed Methane
2	DI-0676	4505122233	2414	37.09790695	-82.21461022	2194.3	Equitable Production Company	Coalbed Methane
4	DI-1114	4505125467	2185	37.08345999	-82.22000364	2030.7	Equitable Production Company	Coalbed Methane
3	DI-0717	4505122545	5497	37.08089600	-82.21666299	2152.5	Equitable Production Company	Conventional Gas
5	DI-0959	4505124230	2124	37.05752600	-82.26434300	2012.6	Equitable Production Company	Coalbed Methane
6	DI-1097	4505125339	2754	37.05428300	-82.27323400	2374.8	Equitable Production Company	Coalbed Methane
7*	DI-0977	4505124286	2297	37.05372200	-82.28439300	1969.8	Equitable Production Company	Coalbed Methane
8	DI-0842	4505123360	1910	37.05334150	-82.29636364	1964.2	Equitable Production Company	Coalbed Methane
9	DI-0816	4505123169	2825	37.04838024	-82.31141456	2452.9	Equitable Production Company	Coalbed Methane
10	DI-1113	4505125465	2848	37.04374000	-82.34463700	2357.8	Equitable Production Company	Coalbed Methane
11	DI-1104	4505125366	2410	37.02990000	-82.35671800	2091.2	Equitable Production Company	Coalbed Methane
12	DI-0836	4505123296	2392	37.02170312	-82.37208018	2060.3	Equitable Production Company	Coalbed Methane
13	DI-1048	4505124777	5470	37.00433350	-82.40972140	2187.5	Equitable Production Company	Conventional Gas
14	DI-1098	4505125342	2350	36.99944800	-82.42088800	2227.5	Equitable Production Company	Coalbed Methane

WELL #: Number of well as it corresponds to labeled well numbers on cross-section (* = Intersection well)

DGO # [Division of Gas and Oil number]: Virginia Department of Mines, Minerals, and Energy - Division of Gas and Oil - well catalog number

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TD (FT): Total depth in feet

STRIKE SECTION B - B'

WELL #	DGO #	API #	TD (FT)	LATITUDE (N)	LONGITUDE (W)	ELEVATION (FT)	OPERATOR NAME	WELL TYPE
1	DI-0625	45-051-21846	1886	37.12719010	-82.25051821	1550.3	Equitable Production Company	Coalbed Methane
2	DI-0909	45-051-23852	2054	37.12271900	-82.26776900	2016.8	Equitable Production Company	Coalbed Methane
3*	DI-0861	45-051-23464	2280	37.11599694	-82.28061991	2298.6	Equitable Production Company	Coalbed Methane
4	DI-1057	45-051-24931	1751	37.10352700	-82.29668100	1524.9	Equitable Production Company	Coalbed Methane
5	DI-0610	45-051-21758	2646	37.09265933	-82.30749647	2338.4	Equitable Production Company	Coalbed Methane
6**	<i>CORE</i>	<i>CORE</i>	2050	37.08350000	-82.31120000	1800.0	Equitable Production Company	Coalbed Methane
7*	DI-1033	45-051-24614	2478	37.08677100	-82.32794700	2211.7	Equitable Production Company	Coalbed Methane
8	DI-0820	45-051-23191	1800	37.07917733	-82.34375594	1643.4	Equitable Production Company	Coalbed Methane
9	DI-1025	45-051-24600	2360	37.07453600	-82.35515400	2159.6	Equitable Production Company	Coalbed Methane
10	DI-1034	45-051-24634	2521	37.06495670	-82.36903380	2390.6	Equitable Production Company	Coalbed Methane
11	DI-1035	45-051-24645	2550	37.05893300	-82.38364400	2366.1	Equitable Production Company	Coalbed Methane
12	DI-1068	45-051-25030	2085	37.05660300	-82.39610500	1854.4	Equitable Production Company	Coalbed Methane
13	DI-1064	45-051-25021	2214	37.04555400	-82.41551200	2014.0	Equitable Production Company	Coalbed Methane
14	DI-0828	45-051-23237	2548	37.03046302	-82.44322339	2320.9	Equitable Production Company	Coalbed Methane

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TD (FT): Total depth in feet

DIP SECTION X - X'

WELL #	DGO #	API #	TD (FT)	LATITUDE (N)	LONGITUDE (W)	ELEVATION (FT)	OPERATOR NAME	WELL TYPE
1	DI-0868	45-051-23509	4208	37.21733210	-82.36966700	1497.3	Equitable Production Company	Conventional Gas
2	DI-1085	45-051-25265	2070	37.19458294	-82.35603721	1809.9	Equitable Production Company	Coalbed Methane
3	DI-0183	45-051-20401	4416	37.19191141	-82.34666858	1614.3	Equitable Production Company	Conventional Gas
4	DI-0430	45-051-21155	4828	37.17583879	-82.33763634	1901.7	Equitable Production Company	Conventional Gas
5	DI-0123	45-051-20203	4733	37.16575160	-82.33117487	1799.9	Equitable Production Company	Conventional Gas
6	DI-0642	45-051-21952	2034	37.14872858	-82.31076745	1766.2	Equitable Production Company	Coalbed Methane
7	DI-0859	45-051-23449	2085	37.13140380	-82.29583918	1837.8	Equitable Production Company	Coalbed Methane
8*	DI-0861	45-051-23464	2280	37.11599694	-82.28061991	2298.6	Equitable Production Company	Coalbed Methane
9	DI-0616	45-051-21780	2660	37.10182179	-82.26343201	2301.8	Equitable Production Company	Coalbed Methane
10	DI-0264	45-051-20864	5203	37.11887732	-82.24750728	1860.1	Equitable Production Company	Conventional Gas
11	DI-0705	45-051-22514	2464	37.11240782	-82.22022492	2156.9	Equitable Production Company	Coalbed Methane
12	DI-0852	45-051-23401	1707	37.11101970	-82.20893390	1556.6	Equitable Production Company	Coalbed Methane
13*	DI-0698	45-051-22472	1905	37.10017579	-82.19675101	1734.7	Equitable Production Company	Coalbed Methane
14	DI-0668	45-051-22130	2533	37.09117087	-82.19087926	2356.4	Equitable Production Company	Coalbed Methane
15	DI-0687	45-051-22366	2441	37.08416866	-82.18187136	2204.4	Equitable Production Company	Coalbed Methane

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TD (FT): Total depth in feet

DIP SECTION Y - Y'

WELL #	DGO #	API #	TD (FT)	LATITUDE (N)	LONGITUDE (W)	ELEVATION (FT)	OPERATOR NAME	WELL TYPE
1	DI-0756	4505122788	4541	37.17476546	-82.40717010	1805.5	Equitable Production Company	Conventional Gas
2	DI-0503	4505121464	4364	37.16522472	-82.40699604	1529.7	Equitable Production Company	Conventional Gas
3	DI-0337	4505120976	5015	37.15505675	-82.39322426	2103.3	Equitable Production Company	Conventional Gas
4	DI-0354	4505120998	4986	37.14886884	-82.38922751	2078.0	Equitable Production Company	Conventional Gas
5	DI-0356	4505121002	5011	37.14221404	-82.38704786	2047.4	Equitable Production Company	Conventional Gas
6	DI-0247	4505120825	4465	37.13743161	-82.37767912	1568.7	Equitable Production Company	Conventional Gas
7	DI-0436	4505121192	5336	37.12533136	-82.36318242	2278.3	Equitable Production Company	Conventional Gas
8	DI-1045	4505124712	1585	37.11587100	-82.35256900	1668.0	Equitable Production Company	Coalbed Methane
9	DI-1023	4505124588	2347	37.10897600	-82.34628700	2260.6	Equitable Production Company	Coalbed Methane
10	DI-0933	4505124110	2506	37.09746800	-82.34159100	2316.9	Equitable Production Company	Coalbed Methane
11	DI-0986	4505124378	1972	37.09061800	-82.33611300	1584.3	Equitable Production Company	Coalbed Methane
12*	DI-1033	4505124614	2478	37.08677100	-82.32794700	2211.7	Equitable Production Company	Coalbed Methane
13	DI-0307	4505120927	5597	37.07992194	-82.31892770	2312.2	Equitable Production Company	Conventional Gas
14**	<i>CORE</i>	<i>CORE</i>	2050	37.08350000	-82.31120000	1800.0	Equitable Production Company	Coalbed Methane
15	DI-1050	4505124796	2015	37.07486700	-82.31169400	1794.0	Equitable Production Company	Coalbed Methane
16	DI-0973	4505124270	2603	37.06897000	-82.30423000	2198.0	Equitable Production Company	Coalbed Methane
17	DI-0744	4505122740	2736	37.06620391	-82.29489076	2278.1	Equitable Production Company	Coalbed Methane
18*	DI-0977	4505124286	2297	37.05372200	-82.28439300	1969.8	Equitable Production Company	Coalbed Methane

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TD (FT): Total depth in feet

WELLS EVALUATED IN STUDY NOT INCORPORATED INTO A CROSS-SECTION

DGO #	API #	TD (FT)	LATITUDE (N)	LONGITUDE (W)	ELEVATION (FT)	OPERATOR NAME	WELL TYPE
DI-0187	45-051-20417	4675	37.06530274	-82.41105354	1616.8	Equitable Production Company	Conventional Gas
DI-0214	45-051-20518	5142	37.17152685	-82.48590682	1532.4	Equitable Production Company	Conventional Gas
DI-0256	45-051-20846	5359	37.03053206	-82.38236526	2090.7	Equitable Production Company	Conventional Gas
DI-0257	45-051-20847	4790	37.09870533	-82.40659808	1856.3	Equitable Production Company	Conventional Gas
DI-0578	45-051-21661	4827	37.15147918	-82.26859506	1727.8	Equitable Production Company	Conventional Gas
DI-0616	45-051-21780	2660	37.10182179	-82.26343201	2301.8	Equitable Production Company	Coalbed Methane
DI-0699	45-051-22473	2141	37.14403567	-82.22622462	1824.9	Equitable Production Company	Coalbed Methane
DI-0725	45-051-22600	2606	37.10588988	-82.27962705	2268.7	Equitable Production Company	Coalbed Methane
DI-0779	45-051-22946	1421	37.05728367	-82.14679917	1930.8	Equitable Production Company	Coalbed Methane
DI-0787	45-051-23033	2465	37.08688222	-82.20123353	2319.3	Equitable Production Company	Coalbed Methane
DI-0814	45-051-23163	5643	37.13413492	-82.41784103	2033.3	Equitable Production Company	Conventional Gas
DI-0850	45-051-23393	4487	37.20890684	-82.30976993	1538.6	Equitable Production Company	Conventional Gas
DI-0859	45-051-23449	2085	37.13140380	-82.29583918	1837.8	Equitable Production Company	Coalbed Methane
DI-0872	45-051-23598	1535	37.06480400	-82.14876400	1717.3	Equitable Production Company	Coalbed Methane
DI-0895	45-051-23735	2418	37.00974300	-82.29478000	2096.4	Equitable Production Company	Coalbed Methane
DI-0931	45-051-24028	2908	37.00157870	-82.41514500	2712.5	Equitable Production Company	Coalbed Methane
DI-1028	45-051-24605	1224	37.12259300	-82.30677300	1418.9	Equitable Production Company	Coalbed Methane
DI-1030	45-051-24608	1818	37.04994300	-82.15836100	2219.2	Equitable Production Company	Coalbed Methane
DI-1031	45-051-24609	2065	37.12198700	-82.31698700	2166.7	Equitable Production Company	Coalbed Methane
DI-1043	45-051-24709	2063	37.11823800	-82.34439800	2186.9	Equitable Production Company	Coalbed Methane
DI-1049	45-051-24782	1893	37.14070900	-82.27236500	2074.8	Equitable Production Company	Coalbed Methane
DI-1053	45-051-24819	2547	37.06660800	-82.31681800	2328.7	Equitable Production Company	Coalbed Methane
DI-1055	45-051-24910	1984	37.00336700	-82.42376200	2197.2	Equitable Production Company	Coalbed Methane
DI-1056	45-051-24930	1259	37.08991900	-82.21322200	1673.9	Equitable Production Company	Coalbed Methane
DI-1106	45-051-25387	2114	37.11989500	-82.32588500	2038.9	Equitable Production Company	Coalbed Methane
DI-1107	45-051-25393	2002	37.05492600	-82.36382000	1641.6	Equitable Production Company	Coalbed Methane
DI-1112	45-051-25423	2614	37.08041000	-82.29287900	2155.6	Equitable Production Company	Coalbed Methane
DI-1119	45-051-25489	2651	37.10792800	-82.32334000	2254.8	Equitable Production Company	Coalbed Methane
DI-1121	45-051-25522	2716	37.10109473	-82.31883075	2300.6	Equitable Production Company	Coalbed Methane
DI-1123	45-051-25531	2408	37.10652400	-82.28434000	2177.1	Equitable Production Company	Coalbed Methane

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