



Exploration Technologies, Inc.

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99 - 2119 - PLAYA VISTA

TABLE 5
SUMMARY OF METHANE STABLE CARBON ISOTOPE ANALYSES OF FREE GAS FROM 50-FOOT GRAVEL AQUIFER

SAMPLE NO.	METHANE	ETHANE	PROPANE	I-BUTANE	N-BUTANE	I-C5	N-C5	C6+	DELTA C-13 of CO2	DELTA C-13 of C1	DELTA D of C1	DELTA C-13 of C2	HE	H2	AR	O2	CO2	N2
Area B Wells																		
MMW476-GW-2	*	*	*	*	*	*	*	*	-25.47	-59.59	-185.80	-20.73	*	*	*	*	*	*
MMW509-FG-1	0.65	ND	ND	ND	ND	ND	ND	ND	-33.64	-34.55	ND	ND	ND	0.16	0.94	0.04	0.69	97.52
MMW514-FG-3	73.59	0.48	0.01	ND	ND	ND	ND	0.00	-30.10	-56.55	-163.60	-19.30	ND	0.83	0.37	0.07	1.10	23.55
MMW520-FG-4K	92.28	0.47	0.01	ND	ND	ND	ND	ND	-32.00	-58.53	-188.00	-19.26	ND	0.01	0.14	0.06	0.47	6.57
MMW542-FG-4K	96.80	0.52	0.01	ND	ND	ND	ND	ND	-28.71	-56.69	-195.80	-20.21	ND	0.09	0.05	0.09	0.60	1.84
Tract -01 Wells																		
MMW 153-FG-3	96.53	0.45	0.01	ND	ND	ND	ND	ND	-24.13	-57.03	-199.70	-20.67	0.08	ND	0.04	0.08	0.81	1.99
MMW 175-FG-4	96.66	0.43	0.01	0.06	0.07	ND	ND	0.00	-21.04	-57.51	-198.10	-20.70	0.09	ND	0.04	0.17	0.68	1.79
MMW 207-FG-4	96.39	0.32	0.01	ND	ND	ND	ND	ND	-26.45	-60.30	-204.90	-19.09	ND	ND	0.08	0.10	0.49	2.62
MMW 211-FG-4	61.29	0.10	0.00	ND	ND	ND	ND	ND	-27.03	-69.16	-190.40	-19.58	0.00	ND	0.59	0.10	0.65	37.27
MMW 244-FG-4	88.69	0.33	0.00	ND	ND	ND	ND	ND	-35.61	-60.15	-198.90	-20.85	0.09	0.01	0.24	0.16	0.60	9.88
MMW 735-FG-2	30.77	0.07	ND	ND	ND	ND	ND	ND	-32.40	-79.33	-189.60	ND	0.10	0.18	0.80	0.11	0.97	67.00
MMW 743-FG-1	31.41	0.15	0.01	ND	ND	ND	ND	ND	-36.67	-57.54	-76.60	ND	0.10	0.01	0.76	0.13	1.10	66.34
MMW-676-FG-4K	70.49	0.11	ND	ND	ND	ND	ND	ND	-25.53	-72.44	-191.30	-20.56	ND	ND	0.49	0.87	1.40	26.64
MMW1-FG-2	57.19	0.10	0.00	ND	ND	ND	ND	0.05	-29.40	-68.85	-181.20	ND	ND	ND	ND	ND	1.21	41.45
MMW2-FG-3	65.95	0.29	0.00	ND	ND	ND	ND	0.01	-32.47	-64.15	-187.00	ND	0.00	ND	0.49	0.10	1.03	32.13
MMW211-FG-4K	63.02	0.13	0.00	ND	ND	ND	ND	0.00	-24.90	-69.11	-200.80	-20.70	ND	ND	0.57	0.10	0.71	35.47
MMW3-FG-4	94.10	0.37	0.01	ND	0.00	ND	ND	0.01	-27.23	-58.01	-208.60	ND	ND	ND	ND	ND	1.18	4.33
MMW4-FG-4	97.50	0.48	0.01	ND	ND	ND	ND	0.00	-22.71	-56.06	-199.60	ND	ND	ND	0.03	0.11	0.73	1.13
MMW738-FG-4	67.06	0.11	ND	ND	ND	ND	ND	ND	-26.81	-76.90	-192.60	-20.49	0.00	ND	0.52	0.17	1.05	31.09
Tract -02 Wells																		
MMW 928-FG-4	93.96	0.58	0.01	0.00	ND	ND	ND	ND	-38.18	-54.33	-170.60	-19.10	ND	0.00	0.05	0.13	2.82	2.44
MMW912-FG-4	96.01	0.45	0.01	ND	ND	ND	ND	ND	-31.86	-57.28	-199.50	-20.61	ND	0.09	0.04	0.11	1.62	1.67
MMW921-FG-4	90.65	0.52	0.01	0.00	ND	ND	ND	ND	-33.12	-57.50	-187.20	-20.02	ND	0.00	0.06	0.10	1.77	6.88
MMW944-FG-4K	94.86	0.44	0.01	ND	ND	ND	ND	ND	-40.88	-55.67	-180.80	-20.10	ND	0.00	0.06	0.10	2.36	2.17
Tract -03 Wells																		
MMW103-FG-4K	79.93	0.18	0.00	ND	ND	ND	ND	ND	-24.18	-65.42	-197.90	-20.28	ND	ND	0.37	0.11	1.23	18.18
MMW112-FG-4K	93.95	0.48	0.01	ND	ND	ND	ND	ND	-25.40	-56.19	-193.60	-20.20	ND	ND	0.12	0.07	0.97	4.40
MMW39-FG-2	9.58	0.01	ND	ND	ND	ND	ND	ND	-23.69	-68.02	-100.30	ND	0.00	ND	0.80	ND	3.38	86.23
MMW46-FG-4K	83.13	0.16	0.00	ND	ND	ND	ND	0.01	-23.71	-64.18	-198.70	-18.64	ND	ND	0.31	0.10	1.73	14.56
MMW77-FG-4K	89.02	0.34	0.01	ND	ND	ND	ND	0.00	-21.99	-59.95	-198.00	-20.49	ND	0.00	0.22	0.08	1.13	9.20
MMW82-FG-4K	86.41	0.30	0.00	ND	ND	ND	ND	ND	-25.17	-60.86	-194.90	-20.52	ND	0.00	0.27	0.01	1.25	11.75
MW1-FG-4	80.93	0.20	0.00	ND	ND	ND	ND	ND	-24.04	-64.05	-198.70	-20.01	ND	ND	0.32	0.12	1.47	16.96
MW2-FG-7	84.92	0.16	0.00	ND	ND	ND	ND	ND	-23.68	-62.63	-200.90	-19.75	ND	ND	0.28	0.12	1.63	12.89
MW3-FG-6	74.87	0.10	ND	ND	ND	ND	ND	ND	-23.42	-70.07	-207.50	-19.06	ND	ND	0.40	0.14	1.82	22.67
MW4A-FG-6	82.32	0.22	0.00	ND	ND	ND	ND	0.00	-24.37	-63.38	-188.70	-20.31	ND	0.02	0.23	0.02	1.32	15.87
MW5A-FG-4	88.30	0.32	0.01	ND	ND	ND	ND	ND	-23.21	-59.66	-191.20	-20.35	ND	0.09	0.14	0.11	1.21	9.82
Tract -05 Wells																		
MMW 226-FG-3	97.34	0.36	0.01	ND	ND	ND	ND	ND	-22.56	-59.28	-202.40	-20.28	0.09	ND	0.03	0.19	0.71	1.28
MMW 276-FG-4	40.89	0.18	ND	ND	ND	ND	ND	ND	-28.76	-56.51	-148.50	-20.19	0.00	ND	0.74	0.13	0.55	57.51
MMW272-FG-1	0.33	ND	ND	ND	ND	ND	ND	ND	-27.98	-23.48	ND	ND	0.00	ND	0.97	0.09	0.78	97.83
Tract -06 Wells																		
MMW 331-FG-4	44.17	0.08	0.00	ND	ND	ND	ND	ND	-25.68	-66.61	-174.30	-19.55	0.00	0.09	0.73	0.08	0.57	54.27
MMW 803-FG-1	49.22	0.29	0.02	0.00	ND	ND	ND	ND	-33.98	-57.24	-125.40	-21.86	0.01	0.11	0.55	0.12	1.97	47.71
MMW319-FG-1	0.04	ND	ND	ND	ND	ND	ND	ND	-28.40	ND	ND	ND	ND	0.00	0.92	1.13	0.49	97.42
MMW362-FG-4	0.01	ND	ND	ND	ND	ND	ND	ND	-28.26	ND	ND	ND	ND	ND	0.81	0.11	0.70	98.37
MMW813-FG-4	87.71	0.27	0.01	ND	ND	ND	ND	ND	-23.50	-63.40	-198.70	-23.63	ND	0.00	0.26	0.09	1.54	10.12

All Gas Analyses in mol Percent
Carbon Isotopes in part per mil in relation to PDB
ND = Not Detected