

Company Name: PIONEERProject #: 201505098

Project No	Sample No	Station #	Station Name	Producers Name	Cylinder #	Sampler	Sample Temp	Sample Pressure	Sample Date	Analysis Date	Pressure Base	HE	H2	N2	O2	CO2	C1	C2	C3	IC4	NC4	IC5	NC5	C6+	GPM C2	GPM C3	GPM IC4	GPM NC4	GPM IC5	GPM NC5	GPM C6+	GROSS BTU DRY	GROSS BTU WET	SPEC. GRAV.	Z Factor	COMMENTS
201505098	03		WELL HEAD GAS 07:30; BILL HEIMER 31-33-1652H		1L TEDLAR BAG	PIONEER CREW ON SITE			MAY 20, 2015	MAY 21, 2015	14.65	0.01	0.00	77.58	19.60	0.35	1.95	0.24	0.11	0.01	0.03	0.01	0.01	0.10	0.064	0.030	0.003	0.009	0.004	0.004	0.043	33.9	33.3	0.9916	0.99958	SPOT; SAMPLE # 1 OF 3
201505098	04		WELL HEAD GAS 08:00; BILL HEIMER 31-33-1652H		1L TEDLAR BAG	PIONEER CREW ON SITE			MAY 20, 2015	MAY 21, 2015	14.65	0.25	0.06	48.03	1.52	2.40	39.36	4.61	1.85	0.15	0.51	0.14	0.18	0.94	1.226	0.507	0.049	0.160	0.051	0.065	0.406	607.5	596.9	0.8646	0.998437	SPOT; SAMPLE # 2 OF 3
201505098	05		WELL HEAD GAS 08:30; BILL HEIMER 31-33-1652H		1L TEDLAR BAG	PIONEER CREW ON SITE			MAY 20, 2015	MAY 21, 2015	14.65	0.25	0.19	47.93	2.35	1.41	38.96	4.73	1.99	0.18	0.61	0.17	0.23	1.00	1.258	0.545	0.059	0.191	0.062	0.083	0.431	620.0	609.1	0.8655	0.998421	SPOT; SAMPLE # 3 OF 3