

APPENDIX E

WEST MEREENIE 28 GAS PEAK TABLE

APPENDIX E: WEST MEREENIE 28 CUTTINGS GAS PEAKS

<i>Formation @ drilled TD @ time of gas peak</i>	<i>Depth (m)</i>	<i>Hole Size inch</i>	<i>TG (C1 - C5) %</i>	<i>BG %</i>	<i>C1 ppm</i>	<i>C2 ppm</i>	<i>C3 ppm</i>	<i>IC4 ppm</i>	<i>NC4 ppm</i>	<i>iC5 ppm</i>	<i>nC5 ppm</i>
Upper Stairway Sandstone	756-785	8.50	0.15	12.00	1145	216	68	32	16	14	14
	785-815	8.50	17.19	13.70	137716	22244	7837	763	2173	524	625
Middle Stairway Sandstone	815-825	8.50	17.63	14.10	141303	22847	7904	812	2193	548	644
	825-845	8.50	15.62	12.50	124759	20488	7083	745	2002	488	586
	845-876	8.50	15.62	19.60	124759	20488	7083	745	2002	488	586
	876-925	8.50	13.40	18.00	107507	17359	5960	610	1685	410	490
Lower Stairway Sandstone 2	925-965	8.50	11.58	15.50	93189	14764	5101	518	1425	336	485
	965- 985	8.50	13.57	16.50	111187	17652	4677	432	1189	280	302
Lower Stairway Sandstone 1	985- 995	8.50	13.57	16.50	111187	17652	4677	432	1189	280	302
	995-1021	8.50	24.00	26.00	26000	176984	26716	7296	681	1864	430
Horn Valley Siltstone	1021-1085	8.50	25.07	25.00	25000	186400	28315	7808	723	1996	466
Pacoota P1	1085-1095	8.50	29.61	31.00	31000	219316	32763	9250	853	2370	542
	1095-1117	8.50	42.89	48.30	340164	59913	19035	1713	5416	1143	1541
	1117-1163	8.50	42.02	52.20	335373	57201	18167	1649	5072	1151	1566
	1163-1175	8.50	68.18	80.00	530911	98911	34081	3311	9720	2103	2727
	1175-1182	8.50	63.86	41.50	497711	92713	31448	3039	9065	1991	2588
	1182.5-1190	8.50	72.26	88.02	557258	109538	36719	3566	10402	2242	2905
Pacoota P2	1190-1195	8.50	86.88	90.00	672522	129523	44121	4324	12238	2634	3416
	1195-1230	8.50	87.57	89.91	679978	129170	43807	4288	12191	2717	3538
	1230-1243	8.50	88.30	90.00	680400	134595	44869	4398	12545	2697	3543
	1243-1250	6.00	16.03	4.70	125724	22367	8036	736	2228	497	672
Pacoota P3	1250-1260	6.00	63.52	50.50	494707	91071	31883	3129	9461	2159	2814
	1260-1295	6.00	54.33	73.40	420322	79221	28556	2942	8636	1581	2065
	1295-1332	6.00	73.82	92.00	586151	94933	35660	4091	11258	2712	3442

APPENDIX E: WEST MEREENIE 28 CONNECTION GAS

Formation @ drilled TD @ time of gas peak	Flow Diversion Gas Peaks at Connections While Air Drilling										
	(Gas peaks recorded at connections when flow is diverted from hole to by-pass line)										
	Depth (m)	Hole Size inch	TG %	BG %	C1 ppm	C2 ppm	C3 ppm	iC4 ppm	nC4 ppm	iC5 ppm	nC5 ppm
Upper Stairway Sandstone	808	8.50	66	12	384952	62788	22299	2281	6348	3297	
Middle Stairway Sandstone	825	8.50	12	3	75229	10703	3637	394	1062	303	252
	836	8.50	10	3	62467	8877	3029	327	860	256	231
	837	8.50	66	19	390612	64455	22472	2379	6416	3363	
	845	8.50	12	3	71759	10487	3535	398	1002	312	261
	847	8.50	25	16	158388	25884	9049	927	2500	1280	
	855	8.50	18	3	106201	15605	5275	558	147	468	388
	866	8.50	45	20	260298	42915	15336	1571	4307	1009	1202
	876	8.50	100	19	732390	137026	45915	4855	12697	3042	3584
	884	8.50	41	18	244404	39406	14415	1536	4107	1006	1193
	893	8.50	59	18	233713	38691	14214	1540	4036	996	1139
	903	8.50	43	17	253066	40954	14402	1481	4057	981	1173
Lower Stairway Sandstone 2	925	8.50	58	17	104615	16416	5809	685	1927	476	566
	962	8.50	46	26	117140	17834	4624	404	1115	253	576
	971	8.50	72	26	452258	70724	18600	1694	4597	1028	1080
	981	8.50	45	27	299840	45729	12167	1100	3050	676	716
Lower Stairway Sandstone 1	989	8.50	65	11	374348	59081	15591	1436	3985	904	979
	999	8.50	54	29	349719	55554	15014	1414	3879	895	980
	1009	8.50	48	29	319880	48903	13493	1248	3430	774	854
	1019	8.50	99	24	709851	116093	32913	3065	8102	1880	1922
Horn Valley Siltstone	1029	8.50	34	27	237359	35870	9982	929	2472	587	641
	1039	8.50	48	26	320995	50292	13720	1290	3482	798	864
	1049	8.50	47	27	312323	48318	13527	1275	3497	813	886

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	Depth (m)	Hole Size inch	TG %	BG %	C1 ppm	C2 ppm	C3 ppm	iC4 ppm	nC4 ppm	iC5 ppm	nC5 ppm
Horn Valley Siltstone	1059	8.50	53	26	339069	54350	14671	1329	3721	805	895
	1069	8.50	31	25	222324	34496	9847	932	2525	588	638
	1079	8.50	49	26	334007	53049	14700	1382	3803	872	956
Pacoota P1	1088	8.50	48	35	328137	51003	14444	1344	3738	855	943
	1098	8.50	38	27	253689	41843	12306	1114	3245	716	849
	1103	8.50	60	30	334721	58796	18577	1673	5311	1112	1485
	1107	8.50	98	54	524675	98649	31147	2889	8939	1943	2473
	1118	8.50	98	54	736051	138445	42616	3899	11755	2514	3268
	1127	8.50	100	54	542552	93050	30380	2805	8484	1878	2294
	1135	8.50	94	56	504467	86782	27944	2544	7830	1710	2178
	1146	8.50	86	56	464500	79629	25445	2306	7194	1567	2083
	1155	8.50	81	54	459194	79613	25437	2318	7113	1564	2072
	1164	8.50	96	70	641534	120598	40388	3845	11171	2432	3127
	1168	8.50	96	84	522007	95360	32495	3148	9310	2091	2714
	1174	8.50	93	81	514450	94923	32511	3135	9365	2051	2690
Pacoota P2	Gas detection system saturated										
Pacoota P3	1264	6.00	100	77	493344	90283	32840	3306	9762	2268	2979
	1274	6.00	92	55	474968	86784	30207	2980	8969	2077	2740
	1283	6.00	93	78	495309	92862	32502	3286	9655	2302	2970
	1301	6.00	97	91	638363	123556	44795	4890	13388	3225	4115
	1321	6.00	100	94	639415	120111	42927	4713	12993	3131	3993