

Appendix 4. Spreadsheet with well names and data for Mesaverde Group, Parachute Field. [API, American Petroleum Institute; bbl, barrels; mcf, thousand cubic feet; mmcf, millions of cubic feet; F, fractured; A, acidized; Latitude and Longitude data taken from the Colorado Oil & Gas Commission web]

Well Identification				Production Data - First Sample					Production Data - Second Sample					Second Sample/ First Sample Ratios			Perforation Data							Location								
API	Lease Name	Well Number	Operator	Year	Months	Oil Average (bbl/day)	Gas Average (mcf/day)	Water Average (bbl/day)	Water-Gas Ratio (bbl/mmcf)	Year	Months	Oil Average (bbl/day)	Gas Average (mcf/day)	Water Average (bbl/day)	Water-Gas Ratio (bbl/mmcf)	Gas	Water	Water-Gas Ratio	Top Perforation Depth (ft)	Bottom Perforation Depth (ft)	Number of Perforations	Number of Intervals	Treatment	Reference Elevation (ft)	Top Perforation Elevation (ft)	Bottom Perforation Elevation (ft)	Perforation Interval (ft)	Section	Township	Range	Latitude	Longitude
05045067010001	GV-49-3 FORSHEE	49	BARRETT RES CORP	2000	JanFebMar	--	223.00	0.84	3.76	2005	JanFebMar	--	183.13	1.29	7.05	0.82	1.54	1.87	4852	6472	84		5 F, A	5132	280	-1340	1620	3	7S	95W	39.471689	-107.982342
05045067090002	GV-65-2 HOAGLUND	65	BARRETT RES CORP	2000	JanFebMar	--	60.57	2.17	35.86	2005	JanFebMar	--	72.22	5.71	79.07	1.19	2.63	2.21	4543	6514	95		5 F, A	5229	686	-1285	1971	2	7S	95W	39.471529	-107.974592
05045066860002	GV-79-35 HOAGLUND	79	BARRETT ENERGY CO	2000	JanFebMar	--	80.64	1.51	18.67	2005	JanFebMar	--	79.16	3.42	43.20	0.98	2.27	2.31	4952	6546	64		3 F, A	5299	347	-1247	1594	35	6S	95W	39.475649	-107.960372
05045066790001	EXXON GV	81-5	BARRETT ENERGY CO	2000	MarAprMay	--	233.63	1.57	6.72	2005	MarAprMay	--	186.64	0.29	1.57	0.80	0.19	0.23	4763	6399	69		4 F, A	5171	408	-1228	1636	5	7S	95W	39.472019	-108.028774
05045068330000	DOE	1-M-31	DEPT OF ENERGY	1995	SepOctNov	--	591.50	--	--	2000	SepOctNov	--	52.25	--	--	0.09	--	--	6194	6935	--		3 F	5564	-630	-1371	741	31	6S	95W	39.475909	-108.044454
05045067970001	DOE	1-M-29	US DEPTMNT OF ENRGY	1997	AprMayJune	1.63	477.51	--	--	2002	AprMayJune	1.28	341.95	1.22	3.57	0.72	--	--	5246	7175	88		4 F	5740	494	-1435	1929	29	6S	95W	39.493189	-108.013904
05045066510002	DERE	47	BARRETT ENERGY CO	2000	MayJuneJuly	--	139.43	--	--	2005	MayJuneJuly	--	113.65	--	--	0.82	--	--	5150	6933	90		5 F, A	5147	-3	-1786	1783	35	6S	95W	39.477129	-107.972662
05045070990000	CLOUGH	23	BARRETT RES CORP	2000	AprMayJune	--	291.04	2.09	7.18	2005	AprMayJune	--	124.45	0.78	6.25	0.43	0.37	0.87	4678	6700	76		4 F, A	5252	574	-1448	2022	33	6S	95W	39.479959	-108.004643
05045072820000	BENTLEY #11-24	24	BROWN TOM INC	2001	AprMayJune	0.75	234.98	3.35	14.27	2006	AprMayJune	--	107.32	18.31	170.58	0.46	5.46	11.96	6472	6642	20		1 F, A	6181	-291	-461	170	11	7S	95W	39.45514	-107.95761
05045067350002	BATTLEMENT MESA PARTNERS	82	BARRETT RES CORP	2000	JulyAugSep	--	192.87	2.13	11.02	2005	JulyAugSep	--	111.41	--	--	0.58	--	--	4533	6187	112		4 F, A	5123	590	-1064	1654	5	7S	95W	39.464259	-108.020034
05045070970000	PA-43-32 E	43	BARRETT RES CORP	1999	JulyAugSep	0.32	287.01	2.33	8.13	2004	JulyAugSep	--	157.17	--	--	0.55	--	--	4721	6570	476		4 F, A	5199	478	-1371	1849	32	6S	95W	39.479769	-108.013873
05045071960000	PA-14-36	14	BARRETT RES CORP	2000	MarAprMay	--	105.99	1.85	17.47	2005	MarAprMay	--	59.90	0.67	11.13	0.57	0.36	0.64	5209	6582	51		3 F, A	5279	70	-1303	1373	36	6S	95W	39.476229	-107.954702
05045070980000	PA-12-33 M	12	BARRETT RES CORP	1998	OctNovDec	--	447.43	4.67	10.43	2003	OctNovDec	--	232.28	7.74	33.33	0.52	1.66	3.20	4895	6757	60		3 F, A	5322	427	-1435	1862	33	6S	95W	39.482239	-108.009493
05045070960000	PA 24-32 M	24	BARRETT RES CORP	1999	FebMarApr	0.58	709.87	5.64	7.94	2004	FebMarApr	--	124.93	--	--	0.18	--	--	4374	6266	--		4 F, A	5151	777	-1115	1892	32	6S	95W	39.474949	-108.023334
05045068490001	PA 1-32 EX	1	BARRETT RES CORP	1999	JuneJulyAug	--	269.42	1.67	6.19	2004	JuneJulyAug	--	103.71	0.75	7.26	0.38	0.45	1.17	4254	6368	--		6 F, A	5146	892	-1222	2114	32	6S	95W	39.475899	-108.014023
05045071760000	PA	44	BARRETT RES CORP	2000	MarAprMay	--	249.36	2.04	8.19	2005	MarAprMay	0.11	123.52	0.51	4.13	0.50	0.25	0.50	4705	6571	67		4 F, A	5154	449	-1417	1866	33	6S	95W	39.475699	-107.995233
05045071750000	PA	42	BARRETT RES CORP	2000	JanFebMar	--	198.52	1.65	8.29	2005	JanFebMar	--	169.60	2.78	16.39	0.85	1.69	1.98	5070	6972	65		4 F, A	5373	303	-1599	1902	33	6S	95W	39.481969	-107.997593
05045066520002	KNIGHT GV	52-3	BARRETT ENERGY CO	2000	FebMarApr	--	195.75	0.67	3.43	2005	FebMarApr	--	178.37	--	--	0.91	--	--	4575	6563	90		5 F, A	5151	576	-1412	1988	3	7S	95W	39.471399	-107.992403
05045066490002	KNIGHT GV	51-4	BARRETT ENERGY CO	2000	JanFebMar	--	287.36	1.51	5.24	2005	JanFebMar	--	118.27	--	--	0.41	--	--	4400	6284	66		4 F, A	5122	722	-1162	1884	4	7S	95W	39.470529	-108.008223
05045067000000	GV-88-1 GVR CO	88	BARRETT RES CORP	1995	OctNovDec	--	83.56	--	--	2000	OctNovDec	--	47.84	--	--	0.57	--	--	6621	7378	41		2 F, A	6247	-374	-1131	757	1	7S	95W	39.46275	-107.942701

EXPLANATION

Lease Name, Well Number, Latitude, and Longitude from Colorado Oil and Gas Conservation Commission
 Production data derived from data provided by IHS Energy
 Perforation data from IHS Energy

STATISTICS

minimum	0.32	60.57	0.67	3.43	0.11	47.84	0.29	1.57	0.09	4254.00	6187.00
maximum	1.63	709.87	5.64	35.86	1.28	341.95	18.31	170.58	1.19	6621.00	7378.00
median	0.66	234.31	1.95	8.16	0.70	120.90	1.26	9.19	0.57	4807.50	6570.50
geometric mean	--	221.40	--	--	--	119.52	--	--	--	4971.40	6634.03
arithmetic mean	0.82	267.97	2.23	10.80	0.70	134.39	3.62	31.96	0.62	5010.35	6640.70
standard deviation	0.57	170.53	1.30	8.00	0.83	69.34	5.18	49.21	0.27	673.77	308.39
count	4.00	20.00	16.00	16.00	2.00	20.00	12.00	12.00	20.00	20.00	20.00
minimum		60.57				47.84					
1st quartile		179.51				97.57					
median		234.31				120.90					
3rd quartile		288.28				171.79					
maximum		709.87				341.95					