Appendix 6. Spreadsheet with well names and data for Mesaverde Group, Mamm Creek Field

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 Perf Depth	Bottom Perf Depth	# of Perfs	# of Intervals	treatment	KB Elev	Top Perf Elev	Bottom Perf Elev	Perf Interval	Section	Township	Range	Latitude	Longitude
05045069370000	BENNETT	32-10	SNYDER OIL CORP	1997	FebMarApr	2.72	373.92	8.17	21.86	2001	SepOctNov	0.79	210.30	9.96	47.37	0.56	1.22	2.17	5693	5954	12	1	F	5732	39	-222	261	32	6S	92W	39.480321	-107.687804
05045071350000	BOULTON	33-15	SNYDER OIL CORP	2000	MayJuneJuly	7.03	494.17	0.73	1.48	2005	AprMayJune	4.53	386.52	0.70	1.81	0.78	0.96	1.22	4707	5622	34	2	F	5901	1194	279	915	33	6S	92W	39.479311	-107.668383
05045073420000	CHRISTNER	8-6	MESA HYDROCARBON INC	2001	JuneJulyAug	1.21	367.58	2.20	5.98	2006	JuneJulyAug	1.25	83.07	2.60	31.30	0.23	1.18	5.24	4388	5705	41	3	F	6021	1633	316	1317	8	7S	92W	39.462001	-107.693184
05045069540000	COUEY	13-16	SNYDER OIL CORP	1997	JuneJulyAug	0.70	248.01	1.30	5.22	2002	JuneJulyAug	0.93	229.56	1.17	5.11	0.93	0.91	0.98	5269	6994	48	3	F	6329	1060	-665	1725	13	7S	93W	39.44014	-107.71806
05045070890000	COUEY	5-10	SNYDER OIL CORP	2000	MayJuneJuly	1.61	488.00	40.33	82.65	2005	AprMayJune	2.30	255.33	46.67	182.77	0.52	1.16	2.21	4252	4843	22	1	F	5780	1528	937	591	5	7S	92W	39.473811	-107.688264
05045068680000	DALEY	1	SNYDER OIL & GAS CO	1997	JulyAugSep	0.85	335.41	1.50	4.47	2002	JulyAugSep	0.65	127.77	0.32	2.52	0.38	0.22	0.56	4076	5470	62	7	F	5920	1844	450	1394	29	6S	91W	39.503391	-107.585171
05045072260000	DODGE	8-12	DANIELS PETROLEUM	2000	AugSepOct	0.93	239.60	0.45	1.86	2006	AprMayJune	0.40	95.97	0.53	5.54	0.40	1.19	2.98	4622	5730	56	--	F	6065	1443	335	1108	8	7S	92W	39.459711	-107.697244
05045070720000	DUNN	4-11	SNYDER OIL CORP	1999	MayJuneJuly	5.88	207.44	0.46	2.21	2004	MayJuneJuly	2.42	173.24	0.40	2.30	0.84	0.87	1.04	4512	4823	20	1	F	5950	1438	1127	311	4	7S	92W	39.473821	-107.673243
05045071490001	DUNN	4-15	SNYDER OIL CORP	1999	OctNovDec	0.87	162.58	1.07	6.56	2004	OctNovDec	1.50	100.81	5.08	50.35	0.62	4.76	7.67	3954	4863	72	2	F	5901	1947	1038	909	4	7S	92W	39.469041	-107.668703
05045071090000	GIBSON GULCH UNIT	12-29	VESSELS OIL & GAS CO	1999	FebMarApr	0.90	483.39	0.88	1.82	2004	FebMarApr	0.33	141.49	0.40	2.84	0.29	0.46	1.56	4308	5571	63	3	F	5977	1669	406	1263	29	6S	91W	39.496011	-107.586831
05045070180000	GIBSON GULCH UNIT	13-28	VESSELS OIL & GAS CO	1998	OctNovDec	0.70	341.39	2.11	6.17	2003	OctNovDec	1.50	229.57	2.75	11.99	0.67	1.31	1.94	4986	6430	40	2	F	6191	1205	-239	1444	28	6S	91W	39.494131	-107.5666
05045072060000	GIBSON GULCH UNIT	13-30	VESSELS OIL & GAS CO	1999	SepOctNov	0.14	66.67	1.29	19.33	2004	SepOctNov	0.70	39.63	0.83	21.01	0.59	0.65	1.09	4169	4977	42	2	F	5910	1741	933	808	30	6S	91W	39.492961	-107.603731
05045070320000	GIBSON GULCH UNIT	14-19	VESSELS OIL & GAS CO	1998	MayJuneJuly	1.08	156.41	3.13	19.99	2003	MayJuneJuly	0.76	98.63	2.04	20.69	0.63	0.65	1.04	4698	6350	95	5	F	5833	1135	-517	1652	19	6S	91W	39.506821	-107.599471
05045071600000	GIBSON GULCH UNIT	15-30	VESSELS OIL & GAS CO	2000	MayJuneJuly	0.87	175.10	0.44	2.49	2005	MayJuneJuly	0.43	49.85	0.26	5.14	0.28	0.59	2.07	4200	4983	56	3	F	5889	1689	906	783	30	6S	91W	39.493791	-107.596111
05045071360000	GIBSON GULCH UNIT	2-31	VESSELS OIL & GAS CO	1999	AugSepOct	0.70	230.23	1.72	7.47	2004	AugSepOct	0.50	77.98	1.43	18.32	0.34	0.83	2.45	4231	4850	--	2	F	5933	1702	1083	619	31	6S	91W	39.489181	-107.592721
05045071630000	GIBSON GULCH UNIT	3-31	VESSELS OIL & GAS CO	1999	AugSepOct	0.99	356.65	0.58	1.64	2004	AugSepOct	0.22	127.72	0.51	4.02	0.36	0.88	2.45	4259	4959	42	2	F	5945	1686	986	700	31	6S	91W	39.489601	-107.596601
05045071370000	GIBSON GULCH UNIT	5-29	VESSELS OIL & GAS CO	1999	MayJuneJuly	0.54	158.37	0.69	4.37	2004	MayJuneJuly	0.20	76.95	0.48	6.20	0.49	0.69	1.42	4065	4836	66	3	F	5946	1881	1110	771	29	6S	91W	39.499801	-107.585441
05045068780000	HMU FEDERAL	30-16	SNYDER OIL CORP	1996	SepOctNov	0.37	124.53	5.37	43.12	2001	SepOctNov	0.50	103.44	3.10	29.97	0.83	0.58	0.70	5635	7065	45	3	F	6897	1262	-168	1430	30	7S	92W	39.412282	-107.700493
05045068430000	KRK	7-8	SNYDER OIL CORP	1996	AprMayJune	6.41	1039.79	1.31	1.26	2001	AprMayJune	0.31	236.06	1.68	7.13	0.23	1.28	5.65	4707	6484	34	2	F	6067	1360	-417	1777	7	7S	92W	39.462691	-107.702494
05045070490000	LEGG	2-26-6-92	VESSELS OIL & GAS CO	1998	AugSepOct	0.54	52.80	4.28	81.07	2003	SepOctNov	0.45	29.98	1.28	42.53	0.57	0.30	0.52	6033	6842	--	2	F	6015	-18	-827	809	26	6S	92W	39.503481	-107.633732
05045070540000	MAMM CREEK	12-33-6-92	VESSELS OIL & GAS CO	1999	JanFebMar	2.95	167.62	0.96	5.73	2004	FebMarApr	1.07	62.17	1.37	22.11	0.37	1.43	3.86	4742	5570	--	2	F	5778	1036	208	828	33	6S	92W	39.480711	-107.678413
05045068500000	MAMM CREEK RANCH	29-4	SNYDER OIL CORP	1997	FebMarApr	0.66	250.20	9.74	38.94	2002	FebMarApr	0.37	132.86	4.58	34.47	0.53	0.47	0.89	4998	6420	57	3	F	6543	1545	123	1422	29	7S	92W	39.421901	-107.698693
05045069430000	PARKER RANCH	10-9	SNYDER OIL CORP	1997	SepOctNov	2.32	308.40	14.42	46.76	2002	SepOctNov	1.90	360.00	8.90	24.71	1.17	0.62	0.53	6539	7871	68	2	F	6865	326	-1006	1332	10	7S	93W	39.45663	-107.75585
05045068560000	PARKER RANCH	14-10	SNYDER OIL CORP	1996	AugSepOct	0.29	120.68	12.05	99.89	2001	AugSepOct	1.00	160.21	6.76	42.18	1.33	0.56	0.42	5814	7508	64	4	F	6606	792	-902	1694	14	7S	93W	39.444151	-107.742035
05045069400000	PARKER RANCH	15-4	SNYDER OIL CORP	1998	OctNovDec	1.28	161.31	5.40	33.47	2003	OctNovDec	1.60	190.00	11.50	60.53	1.18	2.13	1.81	6786	7360	41	2	F	7016	230	-344	574	15	7S	93W	39.449961	-107.765736
05045069500000	PITTMAN	18-2	SNYDER OIL CORP	1997	FebMarApr	1.29	289.53	2.60	8.98	2002	FebMarApr	0.30	168.13	0.30	1.78	0.58	0.12	0.20	4794	6654	39	3	F	6177	1383	-477	1860	18	7S	92W	39.451641	-107.706544
05045070530000	PORTER FEDERAL	14-28-6-92	VESSELS OIL & GAS CO	2000	MayJuneJuly	2.05	113.80	1.48	12.97	2005	MayJuneJuly	0.86	73.21	0.93	12.66	0.64	0.63	0.98	5397	5897	46	2	F	5913	516	16	500	28	6S	92W	39.492711	-107.674173
05045063770000	RH RANCH	1	EXXON CORPORATION	1994	MayJuneJuly	1.60	333.07	1.16	3.48	1999	SepOctNov	0.73	187.00	0.75	4.00	0.56	0.64	1.15	6856	7491	26	2	F, A	6747	-109	-744	635	34	6S	93W	39.48629	-107.765936
05045068470000	SHAEFFER	12-6	SNYDER OIL CORP	1996	AprMayJune	0.21	346.35	0.63	1.82	2001	AprMayJune	0.45	250.65	0.41	1.62	0.72	0.64	0.89	5378	6974	123	3	F	6251	873	-723	1596	12	7S	93W	39.46212	-107.72621
05045068300000	SHAEFFER	18-5	SNYDER OIL CORP	1996	MarAprMay	1.18	283.42	2.94	10.39	2001	JulyAugSep	0.33	184.63	2.48	13.43	0.65	0.84	1.29	4998	6983	57	3	F	6252	1254	-731	1985	18	7S	92W	39.448791	-107.713684

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	0.14	52.80	0.44	1.26		0.20	29.98	0.26	1.62	0.23	0.12	0.20	3954.00	4823.00							
maximum	7.03	1039.79	40.33	99.89		4.53	386.52	46.67	182.77	1.33	4.76	7.67	6856.00	7871.00							
median	0.96	249.11	1.49	6.36		0.68	137.17	1.32	13.05	0.57	0.76	1.26	4724.50	5925.50							
geometric mean	1.07	236.40	2.00	8.47		0.71	130.44	1.53	11.73	0.55	0.76	1.39	4908.34	5996.94							
arithmetic mean	1.63	282.55	4.31	19.45		0.96	154.76	4.01	23.88	0.61	0.96	1.90	4968.87	6069.30							
standard deviation	1.77	186.81	7.69	26.68		0.91	88.31	8.61	34.45	0.28	0.83	1.70	818.31	954.47							
count	30.00	30.00	30.00	30.00		30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00							
minimum		52.80					29.98														
1st quartile		161.63					86.30														
median		249.11					137.17														
3rd quartile		345.11					205.22														
maximum		1039.79					386.52														