

Appendix 1. Spreadsheet with well names and data for Wasatch Formation, Parachute Field

Well Identification			Production Data - First Sample				Production Data -Second Sample				2nd / 1st Sample	Perforation Data							Location							
API Number	Lease Name	Well Number	Year	Months	Oil Average (bbl/day)	Gas Average (mcf/day)	Water Average (bbl/day)	Year	Months	Oil Average (bbl/day)	Gas Average (mcf/day)	Water Average (bbl/day)	Gas	Top Perforation Depth (ft)	Bottom Perforation Depth (ft)	Number of Perforations	Number of Intervals	Reference Elevation (ft)	Top Perforation Elevation (ft)	Bottom Perforation Elevation (ft)	Perforation Interval (ft)	Section	Township	Range	Latitude	Longitude
0504506600000	ALLEN POINT MOBIL	1-1695	1993	OctNovDec	--	112.72	--	1998	OctNovDec	--	77.92	--	0.69	5582	5622	36	1	8474	2892	2852	40	16	6S	95W	39.529028	-108.006904
05045065740000	ALLEN POINT	1-2095	1996	AprMayJune	--	72.24	--	2001	JuneJulyAug	--	68.66	--	0.95	3267	3750	76	3	6899	3632	3149	483	20	6S	95W	39.517378	-108.022914
05045067200000	MOBIL ALLEN PT	1-8-95	1994	SepOctNov	--	75.01	--	2000	OctNovDec	--	34.90	--	0.47	5887	5933	19	1	8531	2644	2598	46	8	6S	95W	39.543318	-108.022724
05045067150000	MOBIL	1-9-95	1992	OctNovDec	--	81.42	--	1997	OctNovDec	--	54.39	--	0.67	5623	5704	25	1	8437	2814	2733	81	9	6S	95W	39.541428	-108.006974
05045065140000	ARCO TOSCO	W-14-34	1990	JanFebMar	--	578.38	--	1996	JanFebMar	--	221.68	--	0.38	1328	1381	15	1	5138	3810	3757	53	34	6S	95W	39.475599	-107.982222
05045065270000	ARCO TOSCO	W-21-34	1990	JanFebMar	--	420.37	--	1995	JanFebMar	--	182.19	--	0.43	1684	1753	24	1	5390	3706	3637	69	34	6S	95W	39.482929	-107.982363
05045065180000	ARCO	W-23-35	1990	JanFebMar	--	457.91	--	1995	JanFebMar	--	190.32	--	0.42	1578	1664	--	1	5171	3593	3507	86	35	6S	95W	39.483019	-107.973012
05045069440000	CURFMAN	W-15-5	1998	JanFebMar	--	75.97	--	2003	JanFebMar	--	63.74	--	0.84	1253	1263	22	1	5112	3859	3849	10	5	7S	95W	39.464369	-108.020204
05045065160000	DERE	W-24-35	1991	JanFebMar	--	435.41	--	1996	JanFebMar	--	198.13	--	0.46	1413	1477	25	1	5137	3724	3660	64	35	6S	95W	39.476979	-107.972992
05045067610000	DOE	1-W-20	1996	JanFebMar	--	267.86	--	2001	JanFebMar	--	86.97	--	0.32	2558	2861	66	2	6265	3707	3404	303	20	6S	95W	39.504209	-108.019514
05045065820000	DOE	1-W-21	1993	SepOctNov	--	230.87	--	1998	SepOctNov	--	96.66	--	0.42	2308	2443	--	1	5716	3408	3273	135	21	6S	95W	39.505259	-108.006764
05045065830000	DOE	1-W-26	1993	MarAprMay	--	95.63	--	1998	MarAprMay	--	34.72	--	0.36	2666	2728	62	1	5858	3192	3130	62	26	6S	95W	39.498429	-107.967412
05045065840000	DOE	1-W-27	1993	JanFebMar	--	392.93	--	1998	JanFebMar	--	144.77	--	0.37	2512	2585	67	1	5849	3337	3264	73	27	6S	95W	39.496589	-107.989253
05045065860000	DOE	1-W-28	1993	FebMarApr	--	373.44	--	1998	JulyAugSep	--	128.81	--	0.34	2088	2153	65	1	5566	3478	3413	65	28	6S	95W	39.497159	-107.999993
05045065870000	DOE	1-W-29	1993	OctNovDec	--	338.14	--	1998	OctNovDec	--	154.51	--	0.46	2050	2114	47	1	5747	3697	3633	64	29	6S	95W	39.492389	-108.014644
05045065890000	DOE	1-W-32	1993	MarAprMay	--	168.86	--	1998	JanFebMar	--	38.00	--	0.23	1342	1438	28	1	5233	3891	3795	96	32	6S	95W	39.483379	-108.026254
05045069710000	EXXON	W-75-31A	2002	AugSepOct	--	73.35	--	1997	MarAprMay	--	92.81	--	1.27	1490	1516	22	1	5272	3782	3756	26	31	6S	95W	39.475964	-108.033342
05045065290000	FEDERAL	W-34-2	1991	FebMarApr	--	50.55	--	1996	JulyAugSep	--	30.24	--	0.60	1732	1792	25	1	5611	3879	3819	60	2	7S	95W	39.464089	-107.961192
05045065280000	FEDERAL	W-37-1	1990	JanFebMar	--	40.79	0.22	1996	FebMarApr	--	22.45	--	0.55	1914	3155	40	1	5507	3593	2352	1241	1	7S	95W	39.47226	-107.952975
05045065490000	FORSTER	W-46-11	1993	JuneJulyAug	--	40.22	0.03	1998	JuneJulyAug	--	16.56	--	0.41	1952	1974	30	1	6023	4071	4049	22	11	7S	95W	39.457339	-107.972622
05045064960000	GRAND VALLEY	W-1	1990	JanFebMar	--	565.74	--	1995	JanFebMar	--	220.13	--	0.39	1258	1633	24	1	5170	3912	3537	375	33	6S	95W	39.477949	-108.008503
05045065050000	GRAND VALLEY	W-4	1990	JanFebMar	--	565.74	--	1996	JanFebMar	--	220.13	--	0.39	1673	1728	19	1	5410	3737	3682	55	33	6S	95W	39.485099	-107.997913
05045065090000	KNIGHT	W-11-4	1991	JanFebMar	--	280.02	--	1996	JanFebMar	--	143.60	--	0.51	977	1222	30	1	5172	4195	3950	245	4	7S	95W	39.471789	-108.000833
05045065460000	MITCHELL	W-27-3	1992	OctNovDec	--	642.40	--	1998	JanFebMar	--	149.63	--	0.23	1810	1920	30	1	5825	4015	3905	110	3	7S	95W	39.464509	-107.979322
05045065450000	PFOST	W-26-3	1993	JanFebMar	--	136.81	--	1998	JanFebMar	--	43.74	--	0.32	1764	1834	30	1	5806	4042	3972	70	3	7S	95W	39.465009	-107.986693
05045067080000	EXXON	TW-11-6	1997	MarAprMay	--	237.98	3.40	2002	MarAprMay	--	84.36	2.13	0.35	1164	1552	86	1	5162	3998	3610	388	6	7S	95W	39.470109	-108.037334

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	40.22	16.56	0.23	977.00	1222.00	5112.00	2644.00	2352.00
maximum	642.40	221.68	1.27	5887.00	5933.00	8531.00	4195.00	4049.00
median	234.43	89.89	0.42	1787.00	1877.00	5588.50	3715.50	3621.50
geometric mean	186.12	84.52	0.45	1995.29	2168.76	5829.28	3616.42	3442.19
arithmetic mean	261.95	107.69	0.49	2264.35	2430.58	5903.12	3638.77	3472.54
standard deviation	195.04	67.98	0.23	1369.34	1367.42	1035.72	392.67	444.78
count	26.00	26.00	26.00	26.00	26.00	26.00	26.00	26.00
minimum	40.22	16.56						
1st quartile	77.33	46.40						
median	234.43	89.89						
3rd quartile	413.51	153.29						
maximum	642.40	221.68						