

TABLE 1. Ashing database. **Bold samples** are those that represent data from proximate analyses. Blank areas represent no data.

OPERATOR	WELL NAME	Sec-Tnshp-Rnge	COUNTY	UNIT	SAMPLE	DEPTH (ft)	DENSITY (g/cc) +/-	as received moisture	as received ash	moisture free ash
BTA	20104 JV-P Walnut #5 SWD	5 7 S 21 E	Atchison	Mineral	cuttings	1039.0		1.38%	19.47%	19.74%
BTA	20104 JV-P Walnut #5 SWD	5 7 S 21 E	Atchison	Krebs	cuttings	1260.0		1.16%	10.57%	10.69%
BTA	20104 JV-P Walnut #5 SWD	5 7 S 21 E	Atchison	Rowe	cuttings	1340.0	1.39 0.07	1.26%	21.85%	22.13%
BTA	20104 JV-P Walnut #5 SWD	5 7 S 21 E	Atchison	Rowe	cuttings	1342.0	1.29 0.07	1.26%	7.93%	8.03%
BTA	20104 JV-P Walnut #5 SWD	5 7 S 21 E	Atchison	Riverton	cuttings	1406.0		1.06%	10.95%	11.07%
Colt Energy	Hinthorn #CW-1	14 32 S 16 E	Montgomery	Excello Shale	core	687.1	2.31 0.03	0.77%	83.43%	84.08%
Colt Energy	Hinthorn #CW-1	14 32 S 16 E	Montgomery	Excello Shale	core	689.6	2.19 0.02	0.98%	81.47%	82.28%
Colt Energy	Hinthorn #CW-1	14 32 S 16 E	Montgomery	sh. above Mineral	core	779.0	1.82 0.02	1.44%	56.33%	57.16%
Colt Energy	Hinthorn #CW-1	14 32 S 16 E	Montgomery	Weir Upper	core	868.4	1.25 0.05	0.52%	7.47%	7.51%
Colt Energy	Hinthorn #CW-1	14 32 S 16 E	Montgomery	Weir Lower sh.	core	895.1	2.36 0.04	0.23%	66.39%	66.54%
Colt Energy	Hinthorn #CW-1	14 32 S 16 E	Montgomery	sh. above Riverton	core	1068.3	2.59 0.02	0.80%	90.32%	91.05%
Colt Energy	Hinthorn #CW-1	14 32 S 16 E	Montgomery	Riverton	core	1068.3	1.30 0.02	1.48%	11.75%	11.93%
Colt Energy	Hinthorn #CW-1	14 32 S 16 E	Montgomery	Riverton	core	1068.6	1.30 0.02	0.43%	7.25%	7.28%
Colt Energy	Honeycutt #1	6 31 S 17 E	Montgomery	Summit	cuttings	718.0	1.56 0.04	0.79%	80.04%	80.67%
Colt Energy	Honeycutt #1	6 31 S 17 E	Montgomery	Rowe	cuttings	1085.0	1.77 0.07	1.21%	49.74%	50.36%
Colt Energy	Honeycutt #1	6 31 S 17 E	Montgomery	Riverton	cuttings	1144.0	1.46 0.07	3.42%	24.23%	25.09%
Colt Energy	Louk WDW #3	23 26 S 14 E	Woodson	Excello Shale	core	1010.4	2.10 0.03	1.02%	75.87%	76.65%
Colt Energy	Louk WDW #3	23 26 S 14 E	Woodson	Mulky	core	1013.5		0.48%	16.64%	16.72%
Colt Energy	Spencer #2-6	6 18 S 21 E	Franklin	Stark	core	340.0	2.02 0.04			
Colt Energy	Spencer #2-6	6 18 S 21 E	Franklin	Mulberry	core	595.4	1.34 0.03	2.98%	14.08%	14.51%
Colt Energy	Spencer #2-6	6 18 S 21 E	Franklin	Mulberry	core	596.4	1.33 0.05			
Colt Energy	Spencer #2-6	6 18 S 21 E	Franklin	Bevier	core	743.1	1.50 0.04			
Colt Energy	Spencer #2-6	6 18 S 21 E	Franklin	V shale	core	752.0	2.07 0.02			
Colt Energy	Spencer #2-6	6 18 S 21 E	Franklin	Scammon	core	794.0	1.74 0.06			
Dart	Butler #A3-35	35 33 S 14 E	Montgomery	Little Osage Shale	core	952.6	2.02 0.02	2.22%	79.94%	81.75%
Dart	Butler #A3-35	35 33 S 14 E	Montgomery	Croweburg	core	1033.3	1.41 0.01	1.53%	19.56%	19.87%
Dart	Butler #A3-35	35 33 S 14 E	Montgomery	Croweburg	core	1033.3	1.41 0.01	2.59%	2.50%	21.04%
Dart	Butler #A3-35	35 33 S 14 E	Montgomery	Tebo	core	1124.3	2.27 0.03	2.00%	76.44%	78.00%
Dart	Butler #A3-35	35 33 S 14 E	Montgomery	Tebo	core	1124.3	2.27 0.03	3.82%	62.23%	64.70%
Dart	Gritton #D4-26	26 33 S 14 E	Montgomery	Little Osage Shale	cuttings	943.0	2.46 0.07	1.02%	86.94%	87.84%
Dart	Gritton #D4-26	26 33 S 14 E	Montgomery	Bevier/Iron Post	cuttings	987.0		0.72%	23.43%	23.60%
Dart	Gritton #D4-26	26 33 S 14 E	Montgomery	Croweburg	cuttings	1020.0		1.04%	27.39%	27.67%
Dart	Gritton #D4-26	26 33 S 14 E	Montgomery	Weir-Pittsburg	cuttings	1105.0		0.46%	20.74%	20.83%
Dart	Holder #CH-1	1 30 S 14 E	Wilson	Mulberry	cuttings	718.0		0.38%	16.61%	16.68%
Dart	Holder #CH-1	1 30 S 14 E	Wilson	Little Osage Shale	cuttings	808.0	2.33 0.07	0.76%	79.32%	79.93%
Dart	Holder #CH-1	1 30 S 14 E	Wilson	Excello Shale	cuttings	820.0	2.19 0.07	0.52%	78.26%	78.67%
Dart	Holder #CH-1	1 30 S 14 E	Wilson	Mulky	cuttings	822.0		0.26%	22.48%	22.54%
Dart	Holder #CH-1	1 30 S 14 E	Wilson	Weir-Pittsburg	cuttings	1012.0		0.29%	22.20%	22.26%
Dart	Huser B3-23	20 30 S 14 E	Wilson	Tulsa	cuttings	687.0				
Dart	Huser B3-23	20 30 S 14 E	Wilson	Mulberry	cuttings	862.0	1.33 0.07			
Dart	Huser B3-23	20 30 S 14 E	Wilson	Mulky	cuttings	975.0				

Dart	Huser B3-23	20	30	S	14	E	Wilson	shale above Bevier	cuttings	1021.0						
Dart	Huser B3-23	20	30	S	14	E	Wilson	Mineral	cuttings	1088.0	1.38	0.07				
Dart	Huser B3-23	20	30	S	14	E	Wilson	Weir-Pittsburg	cuttings	1156.0						
Dart	Kincaid Trust #D1-30	30	34	S	14	E	Montgomery	Mineral	cuttings	1213.0	1.40	0.07	1.24%	19.33%	19.57%	
Dart	Kincaid Trust #D1-30	30	34	S	14	E	Montgomery	Weir-Pittsburg	cuttings	1291.0	1.41	0.07	1.17%	16.04%	16.23%	
Dart	Kincaid Trust #D1-30	30	34	S	14	E	Montgomery	Dry Wood	cuttings	1427.0	1.48	0.07	0.78%	25.59%	25.79%	
Dart	Kincaid Trust #D1-30	30	34	S	14	E	Montgomery	Riverton	cuttings	1510.0	1.79	0.07	0.90%	37.25%	37.58%	
Dart	Kincaid Trust #D1-30	30	34	S	14	E	Montgomery	Riverton "rider"	cuttings	1522.0	1.42	0.07	0.88%	22.11%	22.31%	
Dart	McDaniel #B1-20	20	31	S	16	E	Montgomery	Little Osage Shale	core	647.2	2.25	0.07	1.02%	87.91%	88.82%	
Dart	McDaniel #B1-20	20	31	S	16	E	Montgomery	Croweburg	core	731.7	1.28	0.04	0.44%	11.05%	11.10%	
Dart	McDaniel #B1-20	20	31	S	16	E	Montgomery	sh. 50' above Riverton	core	998.9	2.27	0.10	1.44%	91.82%	93.16%	
Dart	McDaniel #B1-20	20	31	S	16	E	Montgomery	sh. 1' above Riverton	core	1053.6	2.59	0.10	1.16%	92.05%	93.13%	
Dart	Orr #B3C-34	34	30	S	15	E	Wilson	Weir-Pittsburg	core	1052.5	1.33	0.03	0.16%	10.82%	10.83%	
Dart	Orr #B3C-34	34	30	S	15	E	Wilson	Weir-Pittsburg	core	1053.8	1.37	0.03	0.39%	8.60%	8.64%	
Dart	Orr #B3C-34	34	30	S	15	E	Wilson	Wainwright	core	1077.3	1.38	0.02	0.72%	34.10%	34.35%	
Dart	Orr #B3C-34	34	30	S	15	E	Wilson	Bluejacket	cuttings	1098.0	1.52	0.07	0.60%	37.53%	37.76%	
Dart	Southwinds Buffalo Ranch #B2-2	2	34	S	14	E	Montgomery	Little Osage Shale	cuttings	994.0	2.24	0.07	2.12%	80.79%	82.54%	
Dart	Southwinds Buffalo Ranch #B2-2	2	34	S	14	E	Montgomery	Excello Shale	cuttings	1025.0	2.21	0.07				
Dart	Southwinds Buffalo Ranch #B2-2	2	34	S	14	E	Montgomery	Iron Post	cuttings	1050.0	1.32	0.07				
Dart	Southwinds Buffalo Ranch #B2-2	2	34	S	14	E	Montgomery	Croweburg	cuttings	1076.0	1.37	0.07				
Dart	Southwinds Buffalo Ranch #B2-2	2	34	S	14	E	Montgomery	Dry Wood shale	cuttings	1324.0	2.56	0.07				
Dart	Southwinds Buffalo Ranch #B2-2	2	34	S	14	E	Montgomery	Rowe	cuttings	1404.0	1.31	0.07				
Dart	Sycamore Springs Ranch #C4-19	19	31	S	15	E	Montgomery	Mulberry	cuttings	889.0			0.36%	14.34%	14.39%	
Dart	Sycamore Springs Ranch #C4-19	19	31	S	15	E	Montgomery	Little Osage Shale	cuttings	1010.0	2.29	0.07	0.56%	82.13%	82.59%	
Dart	Sycamore Springs Ranch #C4-19	19	31	S	15	E	Montgomery	Excello Shale	cuttings	1037.0	2.29	0.07	0.42%	81.54%	81.89%	
Dart	Sycamore Springs Ranch #C4-19	19	31	S	15	E	Montgomery	Mulky	cuttings	1037.0	1.46	0.07	0.24%	45.05%	45.16%	
Dart	Sycamore Springs Ranch #C4-19	19	31	S	15	E	Montgomery	Bevier	cuttings	1070.0			0.59%	31.47%	31.65%	
Dart	Sycamore Springs Ranch #C4-19	19	31	S	15	E	Montgomery	Croweburg	cuttings	1090.0			0.59%	15.71%	15.81%	
Dart	Sycamore Springs Ranch #C4-19	19	31	S	15	E	Montgomery	Mineral	cuttings	1130.0			0.21%	13.12%	13.15%	
Dart	Sycamore Springs Ranch #C4-19	19	31	S	15	E	Montgomery	Bluejacket	cuttings	1255.0			0.46%	48.52%	48.75%	
Dart	Sycamore Springs Ranch #C4-19	19	31	S	15	E	Montgomery	Riverton	cuttings	1370.0			0.41%	25.21%	25.31%	
Devon Energy	R. John #35-1	35	29	S	18	E	Neosho	Bevier	cuttings	661.0	1.38	0.07	0.64%	20.72%	20.86%	
Devon Energy	R. John #35-1	35	29	S	18	E	Neosho	Croweburg	cuttings	685.0	1.42	0.07	0.62%	17.87%	17.98%	
Devon Energy	R. John #35-1	35	29	S	18	E	Neosho	Weir-Pittsburg	cuttings	831.0	1.82	0.07	0.71%	49.51%	49.87%	
Devon Energy	R. John #35-1	35	29	S	18	E	Neosho	Rowe Upper	cuttings	938.0	1.52	0.07	0.46%	41.29%	41.48%	
Devon Energy	R. John #35-1	35	29	S	18	E	Neosho	Rowe Lower	cuttings	943.0	1.39	0.07	0.51%	13.84%	13.91%	
Devon Energy	R. John #35-1	35	29	S	18	E	Neosho	Riverton	cuttings	996.0	1.56	0.07	0.58%	16.09%	16.18%	
Evergreen	Liggatt #42-35	35	5	S	16	E	Jackson	Weir B	cuttings	1648.0	1.41	0.07	1.53%	21.49%	21.83%	
Evergreen	Liggatt #42-35	35	5	S	16	E	Jackson	Weir D shale	cuttings	1694.0	2.60	0.07	1.84%	86.30%	87.91%	
Evergreen	Liggatt #42-35	35	5	S	16	E	Jackson	Weir D	cuttings	1694.0	1.58	0.07	5.26%	26.32%	27.78%	
Evergreen	Liggatt #42-35	35	5	S	16	E	Jackson	Dry Wood	cuttings	1828.0	1.38	0.07	6.40%	15.38%	16.43%	
Evergreen	Liggatt #42-35	35	5	S	16	E	Jackson	Neutral A	cuttings	1934.0	1.53	0.07	0.97%	24.85%	25.10%	
Evergreen	Liggatt #42-35	35	5	S	16	E	Jackson	Neutral C	cuttings	1957.0	1.33	0.07	1.28%	11.83%	11.99%	
Evergreen	Liggatt #42-35	35	5	S	16	E	Jackson	Neutral D	cuttings	1969.0	1.33	0.07	0.89%	12.68%	12.79%	
Evergreen	Liggatt #42-35	35	5	S	16	E	Jackson	Neutral E	cuttings	1983.0	1.26	0.07	1.25%	4.83%	4.89%	
Evergreen	Reschke #34-34	34	1	S	16	E	Brown	Little Osage Shale	cuttings	1418.0	2.13	0.07				

Evergreen	Reschke #34-34	34	1	S	16	E	Brown	Excello Shale	cuttings	1438.0	2.12	0.07	2.83%	65.47%	67.37%
Evergreen	Reschke #34-34	34	1	S	16	E	Brown	Croweburg	cuttings	1545.0	1.26	0.07			
Evergreen	Reschke #34-34	34	1	S	16	E	Brown	Mineral	cuttings	1585.0	1.27	0.07			
Evergreen	Reschke #34-34	34	1	S	16	E	Brown	Weir B (?)	cuttings	1694.0	1.63	0.07			
Evergreen	Reschke #34-34	34	1	S	16	E	Brown	Rowe A	cuttings	1694.0	1.23	0.07			
Evergreen	Reschke #34-34	34	1	S	16	E	Brown	Rowe B or C	cuttings	1940.0	1.35	0.07	3.78%	12.18%	12.66%
Evergreen	Reschke #34-34	34	1	S	16	E	Brown	?	cuttings	2010.0	1.34	0.07	2.13%	11.43%	11.68%
Evergreen	Reschke #34-34	34	1	S	16	E	Brown	?	cuttings	2048.0	1.25	0.07	1.51%	6.06%	6.15%
Evergreen	Reschke #34-34	34	1	S	16	E	Brown	?	cuttings	2057.0	1.31	0.07	6.18%	13.51%	14.40%
Gene Bailey	Kimball #12-K	19	30	S	16	E	Wilson	Little Osage Shale	cuttings	664.0	2.36	0.07	1.10%	83.44%	84.36%
Gene Bailey	Kimball #12-K	19	30	S	16	E	Wilson	Excello	cuttings	684.0	2.26	0.07	1.20%	79.18%	80.13%
Gene Bailey	Kimball #12-K	19	30	S	16	E	Wilson	Mulky	cuttings	684.0			0.55%	26.73%	26.88%
Gene Bailey	Kimball #12-K	19	30	S	16	E	Wilson	Riverton	cuttings	1065.0	1.43	0.07	0.20%	16.13%	16.16%
KGS	Cooper #CW-1	11	35	S	18	E	Labette	Iron Post	core	382.0	1.30	0.03	1.05%	7.37%	7.45%
KGS	Cooper #CW-1	11	35	S	18	E	Labette	Iron Post	core	382.0	1.30	0.03	1.90%	11.18%	11.39%
KGS	Cooper #CW-1	11	35	S	18	E	Labette	Fleming	core	420.0	1.34	0.03			
KGS	Cooper #CW-1	11	35	S	18	E	Labette	Dry Wood	core	630.4	1.49	0.03	1.10%	17.79%	17.98%
KGS	Cooper #CW-1	11	35	S	18	E	Labette	Dry Wood	core	630.4	1.49	0.03	2.45%	31.77%	32.57%
KGS	Cooper #CW-1	11	35	S	18	E	Labette	Rowe	core	695.1	1.64	0.10	1.02%	36.93%	37.31%
KGS	Cooper #CW-1	11	35	S	18	E	Labette	Rowe	core	695.1	1.64	0.10	2.88%	44.19%	45.50%
KGS	Cooper #CW-1	11	35	S	18	E	Labette	Neutral	core	766.7	1.67	0.04	0.86%	26.69%	26.92%
KGS	Cooper #CW-1	11	35	S	18	E	Labette	Riverton	core	840.2	1.58	0.06	0.84%	34.71%	35.00%
KGS	Cooper #CW-1	11	35	S	18	E	Labette	Riverton	core	840.2	1.58	0.06	2.87%	33.44%	34.43%
KGS	Eagle	18	26	S	16	E	Woodson	Thayer	core	318.4	1.65	0.02	0.42%	32.67%	32.81%
KGS	Eagle	18	26	S	16	E	Woodson	Bevier	core	988.8	1.49	0.02	0.88%	31.12%	31.40%
KGS	Eagle	18	26	S	16	E	Woodson	Bevier	core	988.8	1.49	0.02	2.55%	20.68%	21.23%
Layne-Christensen	Beurskens #13-28	28	31	S	16	E	Montgomery	Excello Shale	core	681.5	2.38	0.06			
Layne-Christensen	Beurskens #13-28	28	31	S	16	E	Montgomery	Mulky	core	682.4	1.34	0.01	0.23%	25.42%	25.48%
Layne-Christensen	Beurskens #13-28	28	31	S	16	E	Montgomery	Croweburg	core	731.5	1.36	0.02	0.50%	12.80%	12.87%
Layne-Christensen	Beurskens #13-28	28	31	S	16	E	Montgomery	Weir-Pittsburg	core	847.0	1.27	0.03			
Layne-Christensen	Beurskens #13-28	28	31	S	16	E	Montgomery	Weir-Pittsburg	core	848.0	1.35	0.01	0.68%	4.85%	4.88%
Layne-Christensen	Beurskens #13-28	28	31	S	16	E	Montgomery	Dry Wood	core	888.2	1.47	0.03	1.01%	12.60%	12.73%
Layne-Christensen	Beurskens #13-28	28	31	S	16	E	Montgomery	Rowe	core	1003.7	1.38	0.01	0.81%	12.92%	13.02%
Layne-Christensen	Beurskens #13-28	28	31	S	16	E	Montgomery	Riverton	core	1053.7	1.43	0.01	0.77%	12.72%	12.82%
Layne-Christensen	Pierce #16-1	16	31	S	17	E	Montgomery	Aw(?)	core	875.5	1.40	0.03	0.28%	17.33%	17.38%
Layne-Christensen	Pierce #16-1	16	31	S	17	E	Montgomery	Neutral(?)	core	910.7	1.48	0.02	0.51%	38.10%	38.30%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Lexington	core	610.0	1.39	0.02	1.43%	18.62%	18.89%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	"Labette"	core	632.9	1.65	0.05	0.69%	36.06%	36.31%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Little Osage Shale	core	697.5	2.10	0.10	1.31%	73.21%	74.19%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Excello Shale	core	729.0	2.15	0.17	1.42%	81.15%	82.33%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Mulky	core	730.7	1.75	0.15	0.49%	15.82%	15.90%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Mulky	core	730.7	1.75	0.15	1.79%	32.97%	33.57%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Croweburg	core	778.0	1.52	0.07	1.23%	23.39%	23.68%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Fleming	core	786.0	1.46	0.01	1.50%	17.54%	17.81%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Fleming	core	786.0	1.46	0.01	3.19%	27.87%	28.79%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Mineral	core	820.0	1.36	0.03	1.41%	10.26%	10.41%

Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Scammon	core	838.5	1.56	0.05	1.01%	35.06%	35.42%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Scammon	core	838.5	1.56	0.05	3.34%	31.61%	32.72%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Weir-Pittsburg	core	924.0	1.34	0.01	0.78%	32.41%	32.66%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Weir-Pittsburg	core	924.0	1.34	0.01	2.16%	8.56%	8.75%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Weir-Pittsburg	core	925.0	1.30	0.03	1.26%	8.25%	8.35%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Rowe	core	1078.0	1.95	0.08	0.78%	32.41%	32.66%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Rowe	core	1078.0	1.95	0.08	7.51%	36.33%	39.28%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Rowe	core	1079.0	1.32	0.03	0.51%	9.34%	9.39%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Rowe	core	1079.0	1.32	0.03	4.05%	9.55%	9.96%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Riverton	core	1134.5	1.33	0.01	0.35%	16.11%	16.17%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Riverton	core	1134.5	1.33	0.01	2.31%	14.11%	14.44%
Layne-Christensen	Scott #3-9	9	33	S	16	E	Montgomery	Riverton	core	1134.5	1.33	0.01	1.76%	13.00%	13.24%
Meritage KCM	Brown #13-31	13	22	S	21	E	Linn	Mulberry	cuttings	323.0	1.46	0.07	0.84%	21.37%	21.55%
Meritage KCM	Brown #13-31	13	22	S	21	E	Linn	Little Osage Shale	cuttings	422.0			0.49%	72.88%	73.23%
Meritage KCM	Brown #13-31	13	22	S	21	E	Linn	Bevier	cuttings	510.0	1.55	0.07	0.63%	26.87%	27.04%
Meritage KCM	Brown #13-31	13	22	S	21	E	Linn	Croweburg	cuttings	530.0	2.15	0.07	0.71%	72.49%	73.01%
Meritage KCM	Brown #13-31	13	22	S	21	E	Linn	V shale	cuttings	594.0	2.31	0.07	1.41%	82.76%	83.95%
Meritage KCM	Brown #13-31	13	22	S	21	E	Linn	Tebo	cuttings	594.0	1.35	0.07	0.69%	15.78%	15.89%
Meritage KCM	Brown #13-31	13	22	S	21	E	Linn	Weir-Pittsburg	cuttings	645.0	1.41	0.07	0.71%	18.11%	18.24%
Meritage KCM	Brown #13-31	13	22	S	21	E	Linn	Riverton	cuttings	766.0	1.65	0.07	0.71%	11.57%	11.65%
Meritage KCM	Broyles #6-32	6	23	S	22	E	Linn	Mulky	cuttings	484.0	1.38	0.07	0.82%	34.49%	34.77%
Meritage KCM	Broyles #6-32	6	23	S	22	E	Linn	Flemming	cuttings	606.0	1.45	0.07	0.82%	15.32%	15.44%
Meritage KCM	Broyles #6-32	6	23	S	22	E	Linn	Tebo	cuttings	647.0	1.37	0.07	0.62%	11.50%	11.57%
Meritage KCM	Broyles #6-32	6	23	S	22	E	Linn	Rowe	cuttings	798.0	1.44	0.07	0.46%	20.08%	20.17%
Meritage KCM	Broyles #6-32	6	23	S	22	E	Linn	sh. above Riverton	cuttings	820.0	2.37	0.07	1.02%	88.53%	89.44%
Meritage KCM	Broyles #6-32	6	23	S	22	E	Linn	Riverton A	cuttings	838.0			0.64%	9.97%	10.04%
Meritage KCM	Broyles #6-32	6	23	S	22	E	Linn	Riverton B	cuttings	864.0			0.62%	20.69%	20.82%
Meritage KCM	Broyles #6-32	6	23	S	22	E	Linn	Riverton C	cuttings	874.0	1.35	0.07	0.43%	17.05%	17.12%
Meritage KCM	Broyles #6-32	6	23	S	22	E	Linn	Riverton D	cuttings	876.0	1.36	0.07	0.20%	12.62%	12.65%
Meritage KCM	Garrison #26-13	26	19	S	19	E	Anderson	Mulberry	cuttings	673.0	1.35	0.07	0.89%	21.85%	22.05%
Meritage KCM	Garrison #26-13	26	19	S	19	E	Anderson	Little Osage Shale	cuttings	755.0			0.49%	72.88%	73.23%
Meritage KCM	Garrison #26-13	26	19	S	19	E	Anderson	Summit	cuttings	760.0			0.68%	73.61%	74.11%
Meritage KCM	Garrison #26-13	26	19	S	19	E	Anderson	Bevier	cuttings	853.0	1.59	0.07	0.64%	33.00%	33.21%
Meritage KCM	Garrison #26-13	26	19	S	19	E	Anderson	Mineral	cuttings	898.0			0.75%	26.64%	26.84%
Meritage KCM	Garrison #26-13	26	19	S	19	E	Anderson	Riverton B	cuttings	1108.0			0.63%	19.54%	19.66%
Meritage KCM	Garrison #26-13	26	19	S	19	E	Anderson	Riverton A	cuttings	1113.0	1.21	0.07	0.46%	18.12%	18.20%
Meritage KCM	Kipper #22-44	22	19	S	19	E	Anderson	Hushpuckney Shale	cuttings	399.0	2.15	0.07	0.86%	79.77%	80.47%
Meritage KCM	Kipper #22-44	22	19	S	19	E	Anderson	Mulberry	cuttings	656.0	1.31	0.07	1.04%	13.95%	14.09%
Meritage KCM	Kipper #22-44	22	19	S	19	E	Anderson	Little Osage Shale	cuttings	739.0	2.17	0.07	0.97%	76.26%	77.01%
Meritage KCM	Kipper #22-44	22	19	S	19	E	Anderson	Dry Wood	cuttings	1058.0	1.41	0.07	0.80%	16.11%	16.24%
Meritage KCM	Kipper #22-44	22	19	S	19	E	Anderson	Rowe	cuttings	1080.0			0.62%	9.58%	9.64%
Meritage KCM	Kipper #22-44	22	19	S	19	E	Anderson	Riverton A	cuttings	1114.0	1.26	0.07	0.26%	7.31%	7.33%
Meritage KCM	Kipper #22-44	22	19	S	19	E	Anderson	Riverton B & C	cuttings	1116.0	1.34	0.07	0.19%	13.88%	13.91%
Meritage KCM	Kipper #22-44	22	19	S	19	E	Anderson	Riverton D	cuttings	1123.0	1.38	0.07	0.59%	12.95%	13.02%
Meritage KCM	Lankard #34-41	34	19	S	19	E	Anderson	Stark Shale	cuttings	386.0	2.10	0.07	0.81%	80.51%	81.17%
Meritage KCM	Lankard #34-41	34	19	S	19	E	Anderson	Hushpuckney Shale	cuttings	427.0	2.24	0.07	0.72%	78.00%	78.56%

Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	South Mound Shale	core	507.0	2.34	0.04	1.45%	79.77%	80.94%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Mulberry Upper	core	525.3	1.18	0.05	1.35%	5.61%	5.69%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Mulberry Upper	core	525.3	1.18	0.05	5.08%	15.11%	15.92%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Lexington	core	576.6	1.87	0.02	1.25%	9.45%	9.57%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Lexington	core	578.0	1.23	0.02	1.28%	16.67%	16.89%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Lexington	core	578.0	1.23	0.02	1.91%	14.84%	15.12%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Bevier	core	721.0	1.37	0.01	1.03%	31.64%	31.97%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Bevier	core	721.0	1.37	0.01	5.03%	24.61%	25.92%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Croweburg	core	737.0	1.24	0.03	1.24%	14.88%	15.07%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Croweburg	core	737.0	1.24	0.03	4.85%	6.25%	6.57%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Mineral	core	767.5	1.38	0.03	0.96%	40.77%	41.16%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Mineral	core	767.5	1.38	0.03	7.04%	11.37%	12.23%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Tebo	core	809.0	1.42	0.01	1.13%	19.83%	20.05%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Tebo	core	809.0	1.42	0.01	4.34%	22.05%	23.05%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Rowe	core	915.7	1.30	0.04	0.90%	15.80%	15.94%
Osborn Energy	Rose Hill #1-6	6	16	S	24	E	Miami	Neutral Upper	core	931.2	1.33	0.02	0.78%	15.30%	15.42%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	South Mound Shale	core	235.0	2.05	0.05	1.15%	74.77%	75.64%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	South Mound Shale	core	235.0	2.05	0.05	1.55%	73.21%	74.37%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Lexington	core	320.5	1.95	0.03	1.66%	38.40%	39.05%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Lexington	core	321.5	1.60	0.03	1.15%	54.63%	55.27%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Lexington	core	321.5	1.60	0.03	3.62%	48.52%	50.34%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Lexington	core	322.5	1.62	0.01	0.88%	64.99%	65.57%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Mulky	core	370.0	1.27	0.02	1.27%	25.60%	25.93%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Mulky	core	370.0	1.27	0.02	2.62%	16.03%	16.46%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Mulky	core	371.0	1.34	0.02	1.38%	15.20%	15.41%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Mulky	core	372.0	1.28	0.03	0.48%	13.62%	13.69%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Croweburg	core	490.0	1.20	0.02	1.21%	18.17%	18.39%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Mineral	core	510.0	1.36	0.03	0.44%	14.96%	15.03%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Mineral	core	510.0	1.36	0.03	2.30%	53.62%	54.88%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Scammon	core	519.7	1.48	0.03	0.56%	13.55%	13.63%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Tebo	core	551.0	1.48	0.03	3.40%	11.75%	12.16%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Tebo	core	551.0	1.48	0.03	5.45%	30.66%	32.43%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Tebo	core	552.0	1.34	0.03			
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Neutral Upper	core	686.3	1.37	0.03	2.19%	21.63%	22.11%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Neutral Upper	core	687.1	1.27	0.03	1.59%	10.47%	10.64%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Neutral Upper	core	688.0	1.50	0.10	1.93%	7.90%	8.05%
Osborn Energy	Smith #1-22	22	44	N	33	W	Cass	Neutral Upper	core	688.0	1.50	0.10	3.78%	13.50%	14.03%
Petrol O&G	Rahmeier #24-1	24	20	S	16	E	Coffey	Stark Shale	cuttings	806.0	2.08	0.07	1.17%	77.75%	78.66%
Petrol O&G	Rahmeier #24-1	24	20	S	16	E	Coffey	Hushpuckney Shale	cuttings	835.0	2.11	0.07	0.72%	73.93%	74.46%
Petrol O&G	Rahmeier #24-1	24	20	S	16	E	Coffey	Anna Shale	cuttings	1101.0	2.11	0.07	3.42%	70.22%	72.70%
Petrol O&G	Rahmeier #24-1	24	20	S	16	E	Coffey	Little Osage Shale	cuttings	1158.0	2.12	0.07	0.93%	72.51%	73.19%
Petrol O&G	Rahmeier #24-1	24	20	S	16	E	Coffey	Excello Shale	cuttings	1180.0	2.01	0.07	1.82%	66.94%	68.18%
Petrol O&G	Rahmeier #24-1	24	20	S	16	E	Coffey	Mulky	cuttings	1182.0	1.68	0.07	0.78%	7.84%	7.90%
Petrol O&G	Rahmeier #24-1	24	20	S	16	E	Coffey	Bevier	cuttings	1250.0	1.29	0.07	0.79%	9.77%	9.84%
Petrol O&G	Rahmeier #24-1	24	20	S	16	E	Coffey	Croweburg	cuttings	1262.0	1.31	0.07	0.72%	7.83%	7.89%
Petrol O&G	Rahmeier #24-1	24	20	S	16	E	Coffey	Riverton (underclay)	core	1518.0	1.69	0.05	1.17%	14.40%	14.57%

Petrol O&G	Trulove #7-1	7	21	S	14	E	Coffey	Bethany Falls shale	core	1051.0	2.50	0.06	0.73%	83.37%	83.98%
Petrol O&G	Trulove #7-1	7	21	S	14	E	Coffey	Hushpuckney Shale	core	1057.0	2.44	0.01	1.04%	91.03%	91.98%
Petrol O&G	Trulove #7-1	7	21	S	14	E	Coffey	Lake Neosho Shale	cuttings	1260.0	2.38	0.07	0.88%	79.96%	80.67%
Petrol O&G	Trulove #7-1	7	21	S	14	E	Coffey	Anna Shale	cuttings	1324.0	2.39	0.07	0.94%	77.37%	78.10%
Petrol O&G	Trulove #7-1	7	21	S	14	E	Coffey	V Shale	core	1552.7	2.49	0.24	1.44%	90.00%	91.31%
Petrol O&G	Trulove #7-1	7	21	S	14	E	Coffey	Tebo	core	1556.1	1.67	0.06			
Petrol O&G	Trulove #7-1	7	21	S	14	E	Coffey	Riverton (large smpl)	cuttings	1728.0	1.26	0.07	0.63%	7.76%	7.81%
Petrol O&G	Trulove #7-1	7	21	S	14	E	Coffey	Riverton (small smpl)	cuttings	1728.0	1.26	0.07	1.01%	7.09%	7.16%
Petrol O&G	Trulove #7-1	7	21	S	14	E	Coffey	Riverton (small smpl)	cuttings	1728.0	1.31	0.07	1.91%	6.35%	6.47%
Petrol O&G	Trulove #7-1	7	21	S	14	E	Coffey	Riverton (large smpl)	cuttings	1728.0	1.31	0.07	2.23%	7.59%	7.76%
PMS	McClenning #1	32	33	S	16	E	Montgomery	Weir-Pittsburg	cuttings	854.0			1.31%	16.11%	16.32%
PMS	McClenning #1	32	33	S	16	E	Montgomery	Rowe	cuttings	1066.0			0.94%	16.75%	16.91%
PMS	McClenning #1	32	33	S	16	E	Montgomery	Neutral	cuttings	1077.0			0.91%	17.17%	17.33%
PMS	McClenning #1	32	33	S	16	E	Montgomery	Riverton	cuttings	1126.0			0.72%	10.44%	10.51%
SunWest	Jabben #1-6	6	34	S	15	E	Montgomery	Little Osage Shale	cuttings	873.0	2.57	0.07	1.61%	83.93%	85.30%
SunWest	Jabben #1-6	6	34	S	15	E	Montgomery	Excello Shale	cuttings	904.0			1.10%	79.90%	80.79%
SunWest	Jabben #1-6	6	34	S	15	E	Montgomery	Excello Shale	cuttings	907.0			1.73%	81.34%	82.77%
SunWest	Jabben #1-6	6	34	S	15	E	Montgomery	Iron Post	cuttings	934.0	1.34	0.07	1.05%	8.20%	8.29%
SunWest	Jabben #1-6	6	34	S	15	E	Montgomery	Mineral	cuttings	1008.0			1.17%	36.40%	36.83%
SunWest	Jabben #1-6	6	34	S	15	E	Montgomery	Weir-Pittsburg	cuttings	1084.0	1.34	0.07	1.09%	12.14%	12.27%
SunWest	Jabben #1-6	6	34	S	15	E	Montgomery	Riverton	cuttings	1331.0	1.37	0.07	0.63%	19.69%	19.81%
SunWest	Jabben #1-6	6	34	S	15	E	Montgomery	?	cuttings	1355.0			0.55%	23.84%	23.97%