Table 1. Attained Significance (p-value) for Shapiro-Wilk Test (H_0:Data are Normally Distributed)

Technology Category/Subcategory	Results w/o Backup Data	Foreign Data	Individual Measurements		Uniformly-Weighted Well Means		Volume-Weighted Well Means	
			X_{ij}	$log(X_{ij})$	X_i	$log(X_i)$	X_i	$log(X_i)$
Mud 10	Include	Include	<0.0001	<0.0001	0.0317	0.604	0.0958	0.910
		Exclude	<0.0001	<0.0001	0.221	0.392	0.403	0.482
	Exclude	Include	<0.0001	<0.0001	0.00202	0.494	0.0305	0.750
		Exclude	<0.0001	<0.0001	0.317	0.111	0.275	0.152
Vertical Centrifuge	Include	Include	<0.0001	0.699	0.361	0.289	0.276	0.279
		Exclude	<0.0001	0.699	0.361	0.289	0.276	0.279
	Exclude	Include	<0.0001	0.699	0.361	0.289	0.276	0.279
		Exclude	<0.0001	0.699	0.361	0.289	0.276	0.279
Squeeze Press	Include	Include	<0.0001	0.475	0.180	0.238	0.634	0.581
		Exclude	<0.0001	0.475	0.180	0.238	0.634	0.581
	Exclude	Include	0.000524	0.238	0.402	0.462	0.634	0.581
		Exclude	0.000524	0.238	0.402	0.462	0.634	0.581
High-G Dryer	Include	Include	0.0559	0.000994	0.211	0.229	0.134	0.134
		Exclude	0.0559	0.000994	0.211	0.229	0.134	0.134

Table 1. Attained Significance (p-value) for Shapiro-Wilk Test (cont.)

Technology Category/Subcategory	Results w/o Backup Data	Foreign Data	Individual Measurements		Uniformly-Weighted Well Means		Volume-Weighted Well Means	
			X_{ij}	$log(X_{ij})$	X_i	$log(X_i)$	X_i	$log(X_i)$
	Exclude	Include	0.0559	0.000994	0.211	0.229	0.134	0.134
		Exclude	0.0559	0.000994	0.211	0.229	0.134	0.134
*Cuttings Dryer 1	Include	Include	<0.0001	<0.0001	0.00498	0.372	0.000519	0.823
		Exclude	<0.0001	<0.0001	0.000306	0.605	0.000122	0.674
	Exclude	Include	<0.0001	<0.0001	0.00249	0.530	0.00217	0.553
		Exclude	<0.0001	<0.0001	0.00125	0.655	0.000719	0.612
*Cuttings Dryer 2	Include	Include	<0.0001	<0.0001	0.0241	0.181	0.129	0.396
		Exclude	<0.0001	<0.0001	0.0107	0.641	0.116	0.576
	Exclude	Include	<0.0001	<0.0001	0.0120	0.510	0.0984	0.356
		Exclude	<0.0001	<0.0001	0.156	0.383	0.210	0.202
*Cuttings Dryer 3	Include	Include	<0.0001	<0.0001	0.0176	0.471	0.0847	0.748
		Exclude	<0.0001	<0.0001	0.123	0.266	0.151	0.315
	Exclude	Include	<0.0001	<0.0001	0.00191	0.532	0.0325	0.625
		Exclude	<0.0001	<0.0001	0.183	0.0796	0.128	0.0993
Decanting Centrifuge	Include	Include	<0.0001	<0.0001	0.133	0.00811	0.347	0.0277

Table 1. Attained Significance (p-value) for Shapiro-Wilk Test (cont.)

Technology Category/Subcategory	Results w/o Backup Data	Foreign Data	Individual Measurements		Uniformly-Weighted Well Means		Volume-Weighted Well Means	
			X_{ij}	$log(X_{ij})$	X_i	$log(X_i)$	X_i	$log(X_i)$
		Exclude	<0.0001	<0.0001	0.119	0.00582	0.366	0.0218
	Exclude	Include	<0.0001	<0.0001	0.105	0.0123	0.336	0.0339
		Exclude	<0.0001	<0.0001	0.106	0.0102	0.390	0.0297
Mud Cleaner	Include	Include	<0.0001	0.00317	0.405	0.408	0.272	0.422
		Exclude	<0.0001	0.00317	0.405	0.408	0.272	0.422
	Exclude	Include	<0.0001	0.00968	0.356	0.441	0.240	0.397
		Exclude	<0.0001	0.00968	0.356	0.441	0.240	0.397
*Fines Removal	Include	Include	<0.0001	<0.0001	0.439	0.470	0.704	0.928
		Exclude	<0.0001	<0.0001	0.313	0.312	0.671	0.948
	Exclude	Include	<0.0001	<0.0001	0.660	0.542	0.679	0.905
		Exclude	<0.0001	<0.0001	0.561	0.408	0.679	0.948
Primary SS	Include	Include	<0.0001	<0.0001	0.485	<0.0001	0.295	0.00688
		Exclude	<0.0001	<0.0001	0.332	<0.0001	0.323	0.0123
	Exclude	Include	<0.0001	0.0179	0.154	0.301	0.705	0.225
		Exclude	<0.0001	0.00148	0.314	0.216	0.702	0.299

Table 1. Attained Significance (p-value) for Shapiro-Wilk Test (cont.)

Technology Category/Subcategory	Results w/o Backup Data	Foreign Data	Individual Measurements		Uniformly-Weighted Well Means		Volume-Weighted Well Means	
			X_{ij}	$log(X_{ij})$	X_i	$log(X_i)$	X_i	$log(X_i)$
Secondary SS	Include	Include	<0.0001	<0.0001	0.00951	0.00635	0.000494	0.000314
		Exclude	<0.0001	<0.0001	0.00951	0.00635	0.000494	0.000314
	Exclude	Include	<0.0001	<0.0001	0.225	0.00190	0.0390	0.00500
		Exclude	<0.0001	<0.0001	0.225	0.00190	0.0390	0.00500
Prim/Sec SS	Include	Include	<0.0001	<0.0001	0.332	0.218	0.237	0.389
		Exclude	<0.0001	<0.0001	0.183	0.228	0.285	0.310
	Exclude	Include	0.000270	<0.0001	0.110	0.0661	0.131	0.0788
		Exclude	0.000270	<0.0001	0.110	0.0661	0.131	0.0788

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
Mud 10	Include	Include	AMOCO G.L.1 53/3C-5	5	5.84	12.3	5	5.69	5.39
			AMOCO SEDCO 711 APPLETON 30/11B-4	34	5.68	5.33	34	4.09	2.83
			AMOCO SEDCO 711 OATES	28	6.23	3.36	28	5.41	4.78
			BRITE	33	8.61	9.63	33	6.89	7.04
			CUBP2	30	5.76	4.32	30	3.90	3.92
			CUDP1	10	7.11	8.16	10	6.59	7.81
			CUDP2	9	3.92	4.23	9	3.25	2.50
			GA3	30	5.08	1.90	30	5.34	3.01
			GLOMAR LABRADOR 1 43/6-1	17	6.02	5.42	17	4.76	1.57
			LASMO G.L.1 49/3-C3	9	4.96	1.08	9	4.59	0.774
			PARRY	33	6.36	4.77	33	4.04	5.71
			SPEKE	30	6.73	3.45	30	7.17	2.11
			BP_15555	4	3.05	1.96	2	3.82	0.00951

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CH28	28	4.94	3.36	27	4.71	2.74
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CAN_V_3	43	9.43	4.34	42	8.72	1.91
			CAN_V_4	54	9.17	5.32	53	7.58	4.58

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			WELL_A_U	12	2.58	1.07	12	2.87	1.33
			WELL_B_U	17	2.63	0.591	11	2.74	0.458
			WELL_C_U	16	2.19	1.12	10	2.39	0.951
			WELL_D_U	4	1.76	0.886	4	1.97	0.576
			WELL_E_U	19	2.54	0.350	8	2.78	0.366
			WELL_F_U	29	2.27	1.22	23	1.99	1.20
			WELL_G_U	14	2.35	1.81	14	2.39	1.43
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_I_U	13	2.80	1.04	12	3.09	1.19
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	19	2.93	0.0887	15	2.99	0.0943
Mud 10	Include	Exclude	BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			WELL_A_U	12	2.58	1.07	12	2.87	1.33

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_B_U	17	2.63	0.591	11	2.74	0.458
			WELL_C_U	16	2.19	1.12	10	2.39	0.951
			WELL_D_U	4	1.76	0.886	4	1.97	0.576
			WELL_E_U	19	2.54	0.350	8	2.78	0.366
			WELL_F_U	29	2.27	1.22	23	1.99	1.20
			WELL_G_U	14	2.35	1.81	14	2.39	1.43
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_I_U	13	2.80	1.04	12	3.09	1.19
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	19	2.93	0.0887	15	2.99	0.0943
Mud 10	Exclude	Include	BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CAN_V_3	43	9.43	4.34	42	8.72	1.91
			CAN_V_4	54	9.17	5.32	53	7.58	4.58
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			WELL_A_U	4	2.18	0.989	4	2.06	0.661
			WELL_C_U	2	1.55	0.0450	2	1.65	0.0121

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_D_U	3	1.52	0.966	3	1.62	0.652
			WELL_F_U	10	2.12	1.73	10	1.99	2.18
			WELL_G_U	7	2.56	3.57	7	2.63	2.99
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	9	2.88	0.152	9	2.91	0.160
Mud 10	Exclude	Exclude	BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			WELL_A_U	4	2.18	0.989	4	2.06	0.661
			WELL_C_U	2	1.55	0.0450	2	1.65	0.0121
			WELL_D_U	3	1.52	0.966	3	1.62	0.652
			WELL_F_U	10	2.12	1.73	10	1.99	2.18
			WELL_G_U	7	2.56	3.57	7	2.63	2.99
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	9	2.88	0.152	9	2.91	0.160

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
Vertical Centrifuge	Include	Include	CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			SH_A10	5	3.71	6.09	4	3.19	2.56
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			CHST52	12	5.78	5.34	12	5.25	6.58
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
Vertical Centrifuge	Include	Exclude	CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			SH_A10	5	3.71	6.09	4	3.19	2.56
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			CHST52	12	5.78	5.34	12	5.25	6.58
			SENESEJ	9	1.79	0.451	9	1.88	0.306

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
Vertical Centrifuge	Exclude	Include	CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			SH_A10	5	3.71	6.09	4	3.19	2.56
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			CHST52	12	5.78	5.34	12	5.25	6.58
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
Vertical Centrifuge	Exclude	Exclude	CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			SH_A10	5	3.71	6.09	4	3.19	2.56
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			CHST52	12	5.78	5.34	12	5.25	6.58

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
Squeeze Press	Include	Include	CON_A9ST	5	6.95	1.43	4	6.76	0.962
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SEPARKER	4	8.78	6.29	.	.	.
			SH_A18	11	8.78	7.16	11	7.62	2.52
			UNOCALHI	11	5.03	0.437	.	.	.
			SHELLA18	20	5.35	3.00	20	4.96	2.88
Squeeze Press	Include	Exclude	CON_A9ST	5	6.95	1.43	4	6.76	0.962
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SEPARKER	4	8.78	6.29	.	.	.
			SH_A18	11	8.78	7.16	11	7.62	2.52
			UNOCALHI	11	5.03	0.437	.	.	.

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SHELLA18	20	5.35	3.00	20	4.96	2.88
Squeeze Press	Exclude	Include	CON_A9ST	5	6.95	1.43	4	6.76	0.962
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SH_A18	11	8.78	7.16	11	7.62	2.52
			SHELLA18	20	5.35	3.00	20	4.96	2.88
Squeeze Press	Exclude	Exclude	CON_A9ST	5	6.95	1.43	4	6.76	0.962
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SH_A18	11	8.78	7.16	11	7.62	2.52
			SHELLA18	20	5.35	3.00	20	4.96	2.88
High-G Dryer	Include	Include	SEPR1501	8	8.35	5.77	5	8.08	5.82
			TEX_63_1	24	6.81	6.58	23	7.14	6.44
			SE76_H10	4	11.7	2.34	4	12.0	2.10
			SEPRIDE	10	11.6	9.40	10	11.1	2.69

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			UNCLH11	8	10.7	2.57	7	11.3	0.993
			UNCLH9	3	7.36	31.7	3	7.44	28.2
High-G Dryer	Include	Exclude	SEPR1501	8	8.35	5.77	5	8.08	5.82
			TEX_63_1	24	6.81	6.58	23	7.14	6.44
			SE76_H10	4	11.7	2.34	4	12.0	2.10
			SEPRIDE	10	11.6	9.40	10	11.1	2.69
			UNCLH11	8	10.7	2.57	7	11.3	0.993
			UNCLH9	3	7.36	31.7	3	7.44	28.2
High-G Dryer	Exclude	Include	SEPR1501	8	8.35	5.77	5	8.08	5.82
			TEX_63_1	24	6.81	6.58	23	7.14	6.44
			SE76_H10	4	11.7	2.34	4	12.0	2.10
			SEPRIDE	10	11.6	9.40	10	11.1	2.69
			UNCLH11	8	10.7	2.57	7	11.3	0.993
			UNCLH9	3	7.36	31.7	3	7.44	28.2
High-G Dryer	Exclude	Exclude	SEPR1501	8	8.35	5.77	5	8.08	5.82

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			TEX_63_1	24	6.81	6.58	23	7.14	6.44
			SE76_H10	4	11.7	2.34	4	12.0	2.10
			SEPRIDE	10	11.6	9.40	10	11.1	2.69
			UNCLH11	8	10.7	2.57	7	11.3	0.993
			UNCLH9	3	7.36	31.7	3	7.44	28.2
*Cuttings Dryer 1	Include	Include	AMOCO G.L.1 53/3C-5	5	5.84	12.3	5	5.69	5.39
			AMOCO SEDCO 711 APPLETON 30/11B-4	34	5.68	5.33	34	4.09	2.83
			AMOCO SEDCO 711 OATES	28	6.23	3.36	28	5.41	4.78
			BRITE	33	8.61	9.63	33	6.89	7.04
			CUBP2	30	5.76	4.32	30	3.90	3.92
			CUDP1	10	7.11	8.16	10	6.59	7.81
			CUDP2	9	3.92	4.23	9	3.25	2.50
			GA3	30	5.08	1.90	30	5.34	3.01
			GLOMAR LABRADOR 1 43/6-1	17	6.02	5.42	17	4.76	1.57

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			LASMO G.L.1 49/3-C3	9	4.96	1.08	9	4.59	0.774
			PARRY	33	6.36	4.77	33	4.04	5.71
			SPEKE	30	6.73	3.45	30	7.17	2.11
			BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			CON_A9ST	5	6.95	1.43	4	6.76	0.962
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SEPARKER	4	8.78	6.29	.	.	.
			SEPR1501	8	8.35	5.77	5	8.08	5.82
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A18	11	8.78	7.16	11	7.62	2.52
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			TEX_63_1	24	6.81	6.58	23	7.14	6.44
			UNOCALHI	11	5.03	0.437	.	.	.
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			BRUTUS	19	2.82	5.31	19	2.60	3.67

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CAN_V_3	43	9.43	4.34	42	8.72	1.91
			CAN_V_4	54	9.17	5.32	53	7.58	4.58
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SE76_H10	4	11.7	2.34	4	12.0	2.10
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SEPRIDE	10	11.6	9.40	10	11.1	2.69
			SHELLA18	20	5.35	3.00	20	4.96	2.88
			UNCLH11	8	10.7	2.57	7	11.3	0.993
			UNCLH9	3	7.36	31.7	3	7.44	28.2
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
			WELL_A_U	12	2.58	1.07	12	2.87	1.33
			WELL_B_U	17	2.63	0.591	11	2.74	0.458
			WELL_C_U	16	2.19	1.12	10	2.39	0.951

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_D_U	4	1.76	0.886	4	1.97	0.576
			WELL_E_U	19	2.54	0.350	8	2.78	0.366
			WELL_F_U	29	2.27	1.22	23	1.99	1.20
			WELL_G_U	14	2.35	1.81	14	2.39	1.43
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_I_U	13	2.80	1.04	12	3.09	1.19
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	19	2.93	0.0887	15	2.99	0.0943
*Cuttings Dryer 1	Include	Exclude	BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			CON_A9ST	5	6.95	1.43	4	6.76	0.962
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SEPARKER	4	8.78	6.29	.	.	.

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SEPR1501	8	8.35	5.77	5	8.08	5.82
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A18	11	8.78	7.16	11	7.62	2.52
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			TEX_63_1	24	6.81	6.58	23	7.14	6.44

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			UNOCALHI	11	5.03	0.437	.	.	.
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SE76_H10	4	11.7	2.34	4	12.0	2.10
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SEPRIDE	10	11.6	9.40	10	11.1	2.69
			SHELLA18	20	5.35	3.00	20	4.96	2.88
			UNCLH11	8	10.7	2.57	7	11.3	0.993
			UNCLH9	3	7.36	31.7	3	7.44	28.2
			SPIRIT76	6	2.00	0.537	6	1.92	0.310

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_A_U	12	2.58	1.07	12	2.87	1.33
			WELL_B_U	17	2.63	0.591	11	2.74	0.458
			WELL_C_U	16	2.19	1.12	10	2.39	0.951
			WELL_D_U	4	1.76	0.886	4	1.97	0.576
			WELL_E_U	19	2.54	0.350	8	2.78	0.366
			WELL_F_U	29	2.27	1.22	23	1.99	1.20
			WELL_G_U	14	2.35	1.81	14	2.39	1.43
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_I_U	13	2.80	1.04	12	3.09	1.19
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	19	2.93	0.0887	15	2.99	0.0943
*Cuttings Dryer 1	Exclude	Include	BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			CON_A9ST	5	6.95	1.43	4	6.76	0.962

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SEPR1501	8	8.35	5.77	5	8.08	5.82
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A18	11	8.78	7.16	11	7.62	2.52
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			TEX_63_1	24	6.81	6.58	23	7.14	6.44
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CAN_V_3	43	9.43	4.34	42	8.72	1.91
			CAN_V_4	54	9.17	5.32	53	7.58	4.58
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SE76_H10	4	11.7	2.34	4	12.0	2.10
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SEPRIDE	10	11.6	9.40	10	11.1	2.69
			SHELLA18	20	5.35	3.00	20	4.96	2.88

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			UNCLH11	8	10.7	2.57	7	11.3	0.993
			UNCLH9	3	7.36	31.7	3	7.44	28.2
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
			WELL_A_U	4	2.18	0.989	4	2.06	0.661
			WELL_C_U	2	1.55	0.0450	2	1.65	0.0121
			WELL_D_U	3	1.52	0.966	3	1.62	0.652
			WELL_F_U	10	2.12	1.73	10	1.99	2.18
			WELL_G_U	7	2.56	3.57	7	2.63	2.99
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	9	2.88	0.152	9	2.91	0.160
*Cuttings Dryer 1	Exclude	Exclude	BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			CON_A9ST	5	6.95	1.43	4	6.76	0.962

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SEPR1501	8	8.35	5.77	5	8.08	5.82
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A18	11	8.78	7.16	11	7.62	2.52
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			TEX_63_1	24	6.81	6.58	23	7.14	6.44
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SE76_H10	4	11.7	2.34	4	12.0	2.10
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SEPRIDE	10	11.6	9.40	10	11.1	2.69
			SHELLA18	20	5.35	3.00	20	4.96	2.88
			UNCLH11	8	10.7	2.57	7	11.3	0.993
			UNCLH9	3	7.36	31.7	3	7.44	28.2

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
			WELL_A_U	4	2.18	0.989	4	2.06	0.661
			WELL_C_U	2	1.55	0.0450	2	1.65	0.0121
			WELL_D_U	3	1.52	0.966	3	1.62	0.652
			WELL_F_U	10	2.12	1.73	10	1.99	2.18
			WELL_G_U	7	2.56	3.57	7	2.63	2.99
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	9	2.88	0.152	9	2.91	0.160
*Cuttings Dryer 2	Include	Include	AMOCO G.L.1 53/3C-5	5	5.84	12.3	5	5.69	5.39
			AMOCO SEDCO 711 APPLETON 30/11B-4	34	5.68	5.33	34	4.09	2.83
			AMOCO SEDCO 711 OATES	28	6.23	3.36	28	5.41	4.78
			BRITE	33	8.61	9.63	33	6.89	7.04
			CUBP2	30	5.76	4.32	30	3.90	3.92

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CUDP1	10	7.11	8.16	10	6.59	7.81
			CUDP2	9	3.92	4.23	9	3.25	2.50
			GA3	30	5.08	1.90	30	5.34	3.01
			GLOMAR LABRADOR 1 43/6-1	17	6.02	5.42	17	4.76	1.57
			LASMO G.L.1 49/3-C3	9	4.96	1.08	9	4.59	0.774
			PARRY	33	6.36	4.77	33	4.04	5.71
			SPEKE	30	6.73	3.45	30	7.17	2.11
			BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			CON_A9ST	5	6.95	1.43	4	6.76	0.962
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SEPARKER	4	8.78	6.29	.	.	.
			SH981ST2	5	4.18	4.10	5	4.30	4.38

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A18	11	8.78	7.16	11	7.62	2.52
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			UNOCALHI	11	5.03	0.437	.	.	.
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CAN_V_3	43	9.43	4.34	42	8.72	1.91
			CAN_V_4	54	9.17	5.32	53	7.58	4.58
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SHELLA18	20	5.35	3.00	20	4.96	2.88
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
			WELL_A_U	12	2.58	1.07	12	2.87	1.33
			WELL_B_U	17	2.63	0.591	11	2.74	0.458
			WELL_C_U	16	2.19	1.12	10	2.39	0.951
			WELL_D_U	4	1.76	0.886	4	1.97	0.576
			WELL_E_U	19	2.54	0.350	8	2.78	0.366

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_F_U	29	2.27	1.22	23	1.99	1.20
			WELL_G_U	14	2.35	1.81	14	2.39	1.43
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_I_U	13	2.80	1.04	12	3.09	1.19
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	19	2.93	0.0887	15	2.99	0.0943
*Cuttings Dryer 2	Include	Exclude	BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			CON_A9ST	5	6.95	1.43	4	6.76	0.962
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SEPARKER	4	8.78	6.29	.	.	.
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A18	11	8.78	7.16	11	7.62	2.52
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			UNOCALHI	11	5.03	0.437	.	.	.
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SHELLA18	20	5.35	3.00	20	4.96	2.88
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
			WELL_A_U	12	2.58	1.07	12	2.87	1.33
			WELL_B_U	17	2.63	0.591	11	2.74	0.458
			WELL_C_U	16	2.19	1.12	10	2.39	0.951
			WELL_D_U	4	1.76	0.886	4	1.97	0.576
			WELL_E_U	19	2.54	0.350	8	2.78	0.366
			WELL_F_U	29	2.27	1.22	23	1.99	1.20
			WELL_G_U	14	2.35	1.81	14	2.39	1.43
			WELL_H_U	6	2.98	0.132	6	2.98	0.125

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_I_U	13	2.80	1.04	12	3.09	1.19
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	19	2.93	0.0887	15	2.99	0.0943
*Cuttings Dryer 2	Exclude	Include	BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			CON_A9ST	5	6.95	1.43	4	6.76	0.962
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A18	11	8.78	7.16	11	7.62	2.52

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CAN_V_3	43	9.43	4.34	42	8.72	1.91
			CAN_V_4	54	9.17	5.32	53	7.58	4.58
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SHELLA18	20	5.35	3.00	20	4.96	2.88
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
			WELL_A_U	4	2.18	0.989	4	2.06	0.661
			WELL_C_U	2	1.55	0.0450	2	1.65	0.0121
			WELL_D_U	3	1.52	0.966	3	1.62	0.652
			WELL_F_U	10	2.12	1.73	10	1.99	2.18
			WELL_G_U	7	2.56	3.57	7	2.63	2.99
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	9	2.88	0.152	9	2.91	0.160
*Cuttings Dryer 2	Exclude	Exclude	BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CON_A9ST	5	6.95	1.43	4	6.76	0.962
			CON_A_15	12	5.52	0.366	12	5.48	0.370
			CON_A_9	5	6.95	1.43	5	6.74	1.13
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A18	11	8.78	7.16	11	7.62	2.52
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SHELLA18	20	5.35	3.00	20	4.96	2.88
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
			WELL_A_U	4	2.18	0.989	4	2.06	0.661
			WELL_C_U	2	1.55	0.0450	2	1.65	0.0121
			WELL_D_U	3	1.52	0.966	3	1.62	0.652
			WELL_F_U	10	2.12	1.73	10	1.99	2.18

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_G_U	7	2.56	3.57	7	2.63	2.99
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	9	2.88	0.152	9	2.91	0.160
*Cuttings Dryer 3	Include	Include	AMOCO G.L.1 53/3C-5	5	5.84	12.3	5	5.69	5.39
			AMOCO SEDCO 711 APPLETON 30/11B-4	34	5.68	5.33	34	4.09	2.83
			AMOCO SEDCO 711 OATES	28	6.23	3.36	28	5.41	4.78
			BRITE	33	8.61	9.63	33	6.89	7.04
			CUBP2	30	5.76	4.32	30	3.90	3.92
			CUDP1	10	7.11	8.16	10	6.59	7.81
			CUDP2	9	3.92	4.23	9	3.25	2.50
			GA3	30	5.08	1.90	30	5.34	3.01
			GLOMAR LABRADOR 1 43/6-1	17	6.02	5.42	17	4.76	1.57
			LASMO G.L.1 49/3-C3	9	4.96	1.08	9	4.59	0.774

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			PARRY	33	6.36	4.77	33	4.04	5.71
			SPEKE	30	6.73	3.45	30	7.17	2.11
			BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CAN_V_3	43	9.43	4.34	42	8.72	1.91
			CAN_V_4	54	9.17	5.32	53	7.58	4.58
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
			WELL_A_U	12	2.58	1.07	12	2.87	1.33
			WELL_B_U	17	2.63	0.591	11	2.74	0.458

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_C_U	16	2.19	1.12	10	2.39	0.951
			WELL_D_U	4	1.76	0.886	4	1.97	0.576
			WELL_E_U	19	2.54	0.350	8	2.78	0.366
			WELL_F_U	29	2.27	1.22	23	1.99	1.20
			WELL_G_U	14	2.35	1.81	14	2.39	1.43
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_I_U	13	2.80	1.04	12	3.09	1.19
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	19	2.93	0.0887	15	2.99	0.0943
*Cuttings Dryer 3	Include	Exclude	BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
			WELL_A_U	12	2.58	1.07	12	2.87	1.33
			WELL_B_U	17	2.63	0.591	11	2.74	0.458
			WELL_C_U	16	2.19	1.12	10	2.39	0.951
			WELL_D_U	4	1.76	0.886	4	1.97	0.576
			WELL_E_U	19	2.54	0.350	8	2.78	0.366
			WELL_F_U	29	2.27	1.22	23	1.99	1.20
			WELL_G_U	14	2.35	1.81	14	2.39	1.43
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_I_U	13	2.80	1.04	12	3.09	1.19
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	19	2.93	0.0887	15	2.99	0.0943
*Cuttings Dryer 3	Exclude	Include	BP_15555	4	3.05	1.96	2	3.82	0.00951

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			UN_C_23	7	3.77	0.746	6	3.84	0.639

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CAN_V_3	43	9.43	4.34	42	8.72	1.91
			CAN_V_4	54	9.17	5.32	53	7.58	4.58
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
			WELL_A_U	4	2.18	0.989	4	2.06	0.661
			WELL_C_U	2	1.55	0.0450	2	1.65	0.0121
			WELL_D_U	3	1.52	0.966	3	1.62	0.652
			WELL_F_U	10	2.12	1.73	10	1.99	2.18
			WELL_G_U	7	2.56	3.57	7	2.63	2.99

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	9	2.88	0.152	9	2.91	0.160
*Cuttings Dryer 3	Exclude	Exclude	BP_15555	4	3.05	1.96	2	3.82	0.00951
			CH28	28	4.94	3.36	27	4.71	2.74
			CHEV_M_8	8	5.10	11.3	8	5.83	11.6
			SH981ST2	5	4.18	4.10	5	4.30	4.38
			SH_528_1	14	5.86	9.50	14	5.47	5.70
			SH_68A_1	3	1.39	1.04	3	1.36	0.587
			SH_A1	7	3.39	2.72	7	3.18	1.83
			SH_A10	5	3.71	6.09	4	3.19	2.56
			SH_A5	22	4.51	1.31	22	4.43	1.05
			SH_A6	10	4.21	3.72	10	3.34	1.77
			SH_A7	7	4.97	12.7	7	5.66	6.24
			SH_CRA6	15	4.15	3.84	15	4.19	3.18

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_MA24	12	4.24	1.10	12	4.19	0.748
			SH_MARS	22	4.46	12.9	22	4.58	10.4
			SH_MMS2	13	2.60	12.2	12	2.36	11.3
			UN_C_23	7	3.77	0.746	6	3.84	0.639
			UN_HI179	9	2.44	0.105	8	2.55	0.0629
			UN_V9ST1	3	5.19	1.56	3	5.24	0.414
			BRUTUS	19	2.82	5.31	19	2.60	3.67
			CHST52	12	5.78	5.34	12	5.25	6.58
			CHW_4	5	4.08	0.563	5	4.20	0.304
			CHW_5	17	4.87	4.20	17	4.36	2.61
			SENESEJ	9	1.79	0.451	9	1.88	0.306
			SPIRIT76	6	2.00	0.537	6	1.92	0.310
			WELL_A_U	4	2.18	0.989	4	2.06	0.661
			WELL_C_U	2	1.55	0.0450	2	1.65	0.0121
			WELL_D_U	3	1.52	0.966	3	1.62	0.652

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_F_U	10	2.12	1.73	10	1.99	2.18
			WELL_G_U	7	2.56	3.57	7	2.63	2.99
			WELL_H_U	6	2.98	0.132	6	2.98	0.125
			WELL_J_U	9	2.08	0.504	9	1.90	0.305
			WELL_K_U	9	2.88	0.152	9	2.91	0.160
Decanting Centrifuge	Include	Include	C36	1	9.60	.	.	.	.
			C75	5	8.66	2.31	.	.	.
			S11	8	11.6	2.57	.	.	.
			S14	3	9.40	5.92	2	10.1	3.19
			S6	2	9.35	4.21	.	.	.
			S7	1	11.0	.	.	.	.
			BP_15555	2	9.16	3.81	1	10.5	
			CH28	31	11.7	19.1	30	11.4	18.9
			CHEV_M_8	9	11.9	2.71	9	12.0	1.52
			CON_A_9	2	9.81	1.45	2	9.84	0.723

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_68A_1	3	7.98	0.642	3	8.01	0.365
			SH_A1	7	12.3	4.45	7	11.9	5.24
			SH_A10	2	12.4	2.74	1	12.4	
			SH_A18	6	5.81	5.65	6	6.91	4.30
			SH_CRA6	15	10.8	2.04	15	11.3	1.95
			SH_MMS2	14	12.8	1.59	13	13.0	1.75
			UN_C_23	7	10.4	0.482	6	10.5	0.498
			UN_V9ST1	3	13.1	1.92	3	13.8	0.875
			CAN_V_3	4	11.6	29.5	4	12.5	27.1
			CAN_V_4	2	7.14	0.541	2	6.99	0.249
			CH236_2	4	5.89	0.125	4	5.90	0.0950
			CHW_4	5	9.14	7.98	5	9.60	3.90
			CHW_5	13	11.5	37.5	13	11.5	31.6
			SHELLA18	8	8.95	0.800	8	8.86	0.908
			WELL_A_U	4	9.63	1.10	4	9.63	0.695

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_F_U	12	5.98	3.63	11	5.37	2.78
			WELL_G_U	10	11.2	22.5	10	10.7	13.7
			WELL_J_U	9	10.2	1.47	9	9.96	0.677
Decanting Centrifuge	Include	Exclude	C36	1	9.60	.	.	.	.
			C75	5	8.66	2.31	.	.	.
			S11	8	11.6	2.57	.	.	.
			S14	3	9.40	5.92	2	10.1	3.19
			S6	2	9.35	4.21	.	.	.
			S7	1	11.0	.	.	.	.
			BP_15555	2	9.16	3.81	1	10.5	
			CH28	31	11.7	19.1	30	11.4	18.9
			CHEV_M_8	9	11.9	2.71	9	12.0	1.52
			CON_A_9	2	9.81	1.45	2	9.84	0.723
			SH_68A_1	3	7.98	0.642	3	8.01	0.365
			SH_A1	7	12.3	4.45	7	11.9	5.24

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_A10	2	12.4	2.74	1	12.4	
			SH_A18	6	5.81	5.65	6	6.91	4.30
			SH_CRA6	15	10.8	2.04	15	11.3	1.95
			SH_MMS2	14	12.8	1.59	13	13.0	1.75
			UN_C_23	7	10.4	0.482	6	10.5	0.498
			UN_V9ST1	3	13.1	1.92	3	13.8	0.875
			CH236_2	4	5.89	0.125	4	5.90	0.0950
			CHW_4	5	9.14	7.98	5	9.60	3.90
			CHW_5	13	11.5	37.5	13	11.5	31.6
			SHELLA18	8	8.95	0.800	8	8.86	0.908
			WELL_A_U	4	9.63	1.10	4	9.63	0.695
			WELL_F_U	12	5.98	3.63	11	5.37	2.78
			WELL_G_U	10	11.2	22.5	10	10.7	13.7
			WELL_J_U	9	10.2	1.47	9	9.96	0.677
Decanting Centrifuge	Exclude	Include	BP_15555	2	9.16	3.81	1	10.5	

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CH28	31	11.7	19.1	30	11.4	18.9
			CHEV_M_8	9	11.9	2.71	9	12.0	1.52
			CON_A_9	2	9.81	1.45	2	9.84	0.723
			SH_68A_1	3	7.98	0.642	3	8.01	0.365
			SH_A1	7	12.3	4.45	7	11.9	5.24
			SH_A10	2	12.4	2.74	1	12.4	
			SH_A18	6	5.81	5.65	6	6.91	4.30
			SH_CRA6	15	10.8	2.04	15	11.3	1.95
			SH_MMS2	14	12.8	1.59	13	13.0	1.75
			UN_C_23	7	10.4	0.482	6	10.5	0.498
			UN_V9ST1	3	13.1	1.92	3	13.8	0.875
			CAN_V_3	4	11.6	29.5	4	12.5	27.1
			CAN_V_4	2	7.14	0.541	2	6.99	0.249
			CH236_2	4	5.89	0.125	4	5.90	0.0950
			CHW_4	5	9.14	7.98	5	9.60	3.90

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CHW_5	13	11.5	37.5	13	11.5	31.6
			SHELLA18	8	8.95	0.800	8	8.86	0.908
			WELL_A_U	4	9.63	1.10	4	9.63	0.695
			WELL_F_U	12	5.98	3.63	11	5.44	3.07
			WELL_G_U	10	11.2	22.5	10	10.7	13.7
			WELL_J_U	9	10.2	1.47	9	9.96	0.677
Decanting Centrifuge	Exclude	Exclude	BP_15555	2	9.16	3.81	1	10.5	
			CH28	31	11.7	19.1	30	11.4	18.9
			CHEV_M_8	9	11.9	2.71	9	12.0	1.52
			CON_A_9	2	9.81	1.45	2	9.84	0.723
			SH_68A_1	3	7.98	0.642	3	8.01	0.365
			SH_A1	7	12.3	4.45	7	11.9	5.24
			SH_A10	2	12.4	2.74	1	12.4	
			SH_A18	6	5.81	5.65	6	6.91	4.30
			SH_CRA6	15	10.8	2.04	15	11.3	1.95

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_MMS2	14	12.8	1.59	13	13.0	1.75
			UN_C_23	7	10.4	0.482	6	10.5	0.498
			UN_V9ST1	3	13.1	1.92	3	13.8	0.875
			CH236_2	4	5.89	0.125	4	5.90	0.0950
			CHW_4	5	9.14	7.98	5	9.60	3.90
			CHW_5	13	11.5	37.5	13	11.5	31.6
			SHELLA18	8	8.95	0.800	8	8.86	0.908
			WELL_A_U	4	9.63	1.10	4	9.63	0.695
			WELL_F_U	12	5.98	3.63	11	5.44	3.07
			WELL_G_U	10	11.2	22.5	10	10.7	13.7
			WELL_J_U	9	10.2	1.47	9	9.96	0.677
Mud Cleaner	Include	Include	PH_A_3	8	12.5	2.08	7	12.7	1.54
			SH981ST2	5	9.64	0.699	5	9.71	0.614
			SH_528_1	14	13.1	1.30	14	13.3	1.36
			SH_A5	22	8.80	1.39	22	8.75	1.18

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_A6	10	8.21	5.41	10	8.68	2.08
			SH_A7	4	8.78	8.84	4	7.80	5.13
			SH_CRA6	14	13.1	5.02	14	13.7	4.89
			SH_MA24	12	11.9	4.88	12	12.1	4.08
			SH_MARS	18	15.4	28.1	18	16.1	29.8
			SH_MMS2	14	15.7	6.14	13	16.1	5.99
			UNOCALHI	9	13.4	0.667	.	.	.
			UN_HI179	2	17.9	20.4	2	18.7	9.66
			A_8ST1	13	11.7	0.305	12	11.7	0.290
			BRUTUS	19	10.0	3.17	19	10.3	3.38
			CH236_2	6	11.9	12.3	6	8.17	7.25
			CH248ST1	7	8.54	0.874	7	8.54	0.749
			CH248ST2	11	8.68	1.31	11	8.52	0.817
			CHMC248	9	13.9	4.11	9	13.8	3.53
			CHW_5	6	12.6	2.60	6	12.7	1.11

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			FOIL_HI	11	11.7	0.432	11	11.7	0.367
			WELL_C_U	4	14.2	0.232	4	14.1	0.169
			WELL_K_U	9	10.9	0.660	9	11.0	0.509
Mud Cleaner	Include	Exclude	PH_A_3	8	12.5	2.08	7	12.7	1.54
			SH981ST2	5	9.64	0.699	5	9.71	0.614
			SH_528_1	14	13.1	1.30	14	13.3	1.36
			SH_A5	22	8.80	1.39	22	8.75	1.18
			SH_A6	10	8.21	5.41	10	8.68	2.08
			SH_A7	4	8.78	8.84	4	7.80	5.13
			SH_CRA6	14	13.1	5.02	14	13.7	4.89
			SH_MA24	12	11.9	4.88	12	12.1	4.08
			SH_MARS	18	15.4	28.1	18	16.1	29.8
			SH_MMS2	14	15.7	6.14	13	16.1	5.99
			UNOCALHI	9	13.4	0.667	.	.	.
			UN_HI179	2	17.9	20.4	2	18.7	9.66

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			A_8ST1	13	11.7	0.305	12	11.7	0.290
			BRUTUS	19	10.0	3.17	19	10.3	3.38
			CH236_2	6	11.9	12.3	6	8.17	7.25
			CH248ST1	7	8.54	0.874	7	8.54	0.749
			CH248ST2	11	8.68	1.31	11	8.52	0.817
			CHMC248	9	13.9	4.11	9	13.8	3.53
			CHW_5	6	12.6	2.60	6	12.7	1.11
			FOIL_HI	11	11.7	0.432	11	11.7	0.367
			WELL_C_U	4	14.2	0.232	4	14.1	0.169
			WELL_K_U	9	10.9	0.660	9	11.0	0.509
Mud Cleaner	Exclude	Include	PH_A_3	8	12.5	2.08	7	12.7	1.54
			SH981ST2	5	9.64	0.699	5	9.71	0.614
			SH_528_1	14	13.1	1.30	14	13.3	1.36
			SH_A5	22	8.80	1.39	22	8.75	1.18
			SH_A6	10	8.21	5.41	10	8.68	2.08

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_A7	4	8.78	8.84	4	7.80	5.13
			SH_CRA6	14	13.1	5.02	14	13.7	4.89
			SH_MA24	12	11.9	4.88	12	12.1	4.08
			SH_MARS	18	15.4	28.1	18	16.1	29.8
			SH_MMS2	14	15.7	6.14	13	16.1	5.99
			UN_HI179	2	17.9	20.4	2	18.7	9.66
			A_8ST1	13	11.7	0.305	12	11.7	0.290
			BRUTUS	19	10.0	3.17	19	10.3	3.38
			CH236_2	6	11.9	12.3	6	8.17	7.25
			CH248ST1	7	8.54	0.874	7	8.54	0.749
			CH248ST2	11	8.68	1.31	11	8.52	0.817
			CHMC248	9	13.9	4.11	9	13.8	3.53
			CHW_5	6	12.6	2.60	6	12.7	1.11
			FOIL_HI	11	11.7	0.432	11	11.7	0.367
			WELL_C_U	2	14.0	0.551	2	13.6	0.148

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_K_U	9	10.9	0.660	9	11.0	0.509
Mud Cleaner	Exclude	Exclude	PH_A_3	8	12.5	2.08	7	12.7	1.54
			SH981ST2	5	9.64	0.699	5	9.71	0.614
			SH_528_1	14	13.1	1.30	14	13.3	1.36
			SH_A5	22	8.80	1.39	22	8.75	1.18
			SH_A6	10	8.21	5.41	10	8.68	2.08
			SH_A7	4	8.78	8.84	4	7.80	5.13
			SH_CRA6	14	13.1	5.02	14	13.7	4.89
			SH_MA24	12	11.9	4.88	12	12.1	4.08
			SH_MARS	18	15.4	28.1	18	16.1	29.8
			SH_MMS2	14	15.7	6.14	13	16.1	5.99
			UN_HI179	2	17.9	20.4	2	18.7	9.66
			A_8ST1	13	11.7	0.305	12	11.7	0.290
			BRUTUS	19	10.0	3.17	19	10.3	3.38
			CH236_2	6	11.9	12.3	6	8.17	7.25

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CH248ST1	7	8.54	0.874	7	8.54	0.749
			CH248ST2	11	8.68	1.31	11	8.52	0.817
			CHMC248	9	13.9	4.11	9	13.8	3.53
			CHW_5	6	12.6	2.60	6	12.7	1.11
			FOIL_HI	11	11.7	0.432	11	11.7	0.367
			WELL_C_U	2	14.0	0.551	2	13.6	0.148
			WELL_K_U	9	10.9	0.660	9	11.0	0.509
*Fines Removal	Include	Include	C36	1	9.60	.	.	.	.
			C75	5	8.66	2.31	.	.	.
			S11	8	11.6	2.57	.	.	.
			S14	3	9.40	5.92	2	10.1	3.19
			S6	2	9.35	4.21	.	.	.
			S7	1	11.0	.	.	.	.
			BP_15555	2	9.16	3.81	1	10.5	
			CH28	31	11.7	19.1	30	11.4	18.9

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CHEV_M_8	9	11.9	2.71	9	12.0	1.52
			CON_A_9	2	9.81	1.45	2	9.84	0.723
			PH_A_3	8	12.5	2.08	7	12.7	1.54
			SH981ST2	5	9.64	0.699	5	9.71	0.614
			SH_528_1	14	13.1	1.30	14	13.3	1.36
			SH_68A_1	3	7.98	0.642	3	8.01	0.365
			SH_A1	7	12.3	4.45	7	11.9	5.24
			SH_A10	2	12.4	2.74	1	12.4	
			SH_A18	6	5.81	5.65	6	6.91	4.30
			SH_A5	22	8.80	1.39	22	8.75	1.18
			SH_A6	10	8.21	5.41	10	8.68	2.08
			SH_A7	4	8.78	8.84	4	7.80	5.13
			SH_CRA6	29	11.9	4.81	29	12.5	4.86
			SH_MA24	12	11.9	4.88	12	12.1	4.08
			SH_MARS	18	15.4	28.1	18	16.1	29.8

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_MMS2	28	14.2	5.89	26	14.5	6.28
			UNOCALHI	9	13.4	0.667	.	.	.
			UN_C_23	7	10.4	0.482	6	10.5	0.498
			UN_HI179	2	17.9	20.4	2	18.7	9.66
			UN_V9ST1	3	13.1	1.92	3	13.8	0.875
			A_8ST1	13	11.7	0.305	12	11.7	0.290
			BRUTUS	19	10.0	3.17	19	10.3	3.38
			CAN_V_3	4	11.6	29.5	4	12.5	27.1
			CAN_V_4	2	7.14	0.541	2	6.99	0.249
			CH236_2	10	9.47	16.4	10	7.37	5.89
			CH248ST1	7	8.54	0.874	7	8.54	0.749
			CH248ST2	11	8.68	1.31	11	8.52	0.817
			CHMC248	9	13.9	4.11	9	13.8	3.53
			CHW_4	5	9.14	7.98	5	9.60	3.90
			CHW_5	19	11.9	26.0	19	11.9	22.7

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			FOIL_HI	11	11.7	0.432	11	11.7	0.367
			SHELLA18	8	8.95	0.800	8	8.86	0.908
			WELL_A_U	4	9.63	1.10	4	9.63	0.695
			WELL_C_U	4	14.2	0.232	4	14.1	0.169
			WELL_F_U	12	5.98	3.63	11	5.37	2.78
			WELL_G_U	10	11.2	22.5	10	10.7	13.7
			WELL_J_U	9	10.2	1.47	9	9.96	0.677
			WELL_K_U	9	10.9	0.660	9	11.0	0.509
*Fines Removal	Include	Exclude	C36	1	9.60	.	.	.	.
			C75	5	8.66	2.31	.	.	.
			S11	8	11.6	2.57	.	.	.
			S14	3	9.40	5.92	2	10.1	3.19
			S6	2	9.35	4.21	.	.	.
			S7	1	11.0	.	.	.	.
			BP_15555	2	9.16	3.81	1	10.5	

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CH28	31	11.7	19.1	30	11.4	18.9
			CHEV_M_8	9	11.9	2.71	9	12.0	1.52
			CON_A_9	2	9.81	1.45	2	9.84	0.723
			PH_A_3	8	12.5	2.08	7	12.7	1.54
			SH981ST2	5	9.64	0.699	5	9.71	0.614
			SH_528_1	14	13.1	1.30	14	13.3	1.36
			SH_68A_1	3	7.98	0.642	3	8.01	0.365
			SH_A1	7	12.3	4.45	7	11.9	5.24
			SH_A10	2	12.4	2.74	1	12.4	
			SH_A18	6	5.81	5.65	6	6.91	4.30
			SH_A5	22	8.80	1.39	22	8.75	1.18
			SH_A6	10	8.21	5.41	10	8.68	2.08
			SH_A7	4	8.78	8.84	4	7.80	5.13
			SH_CRA6	29	11.9	4.81	29	12.5	4.86
			SH_MA24	12	11.9	4.88	12	12.1	4.08

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_MARS	18	15.4	28.1	18	16.1	29.8
			SH_MMS2	28	14.2	5.89	26	14.5	6.28
			UNOCALHI	9	13.4	0.667	.	.	.
			UN_C_23	7	10.4	0.482	6	10.5	0.498
			UN_HI179	2	17.9	20.4	2	18.7	9.66
			UN_V9ST1	3	13.1	1.92	3	13.8	0.875
			A_8ST1	13	11.7	0.305	12	11.7	0.290
			BRUTUS	19	10.0	3.17	19	10.3	3.38
			CH236_2	10	9.47	16.4	10	7.37	5.89
			CH248ST1	7	8.54	0.874	7	8.54	0.749
			CH248ST2	11	8.68	1.31	11	8.52	0.817
			CHMC248	9	13.9	4.11	9	13.8	3.53
			CHW_4	5	9.14	7.98	5	9.60	3.90
			CHW_5	19	11.9	26.0	19	11.9	22.7
			FOIL_HI	11	11.7	0.432	11	11.7	0.367

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SHELLA18	8	8.95	0.800	8	8.86	0.908
			WELL_A_U	4	9.63	1.10	4	9.63	0.695
			WELL_C_U	4	14.2	0.232	4	14.1	0.169
			WELL_F_U	12	5.98	3.63	11	5.37	2.78
			WELL_G_U	10	11.2	22.5	10	10.7	13.7
			WELL_J_U	9	10.2	1.47	9	9.96	0.677
			WELL_K_U	9	10.9	0.660	9	11.0	0.509
*Fines Removal	Exclude	Include	BP_15555	2	9.16	3.81	1	10.5	
			CH28	31	11.7	19.1	30	11.4	18.9
			CHEV_M_8	9	11.9	2.71	9	12.0	1.52
			CON_A_9	2	9.81	1.45	2	9.84	0.723
			PH_A_3	8	12.5	2.08	7	12.7	1.54
			SH981ST2	5	9.64	0.699	5	9.71	0.614
			SH_528_1	14	13.1	1.30	14	13.3	1.36
			SH_68A_1	3	7.98	0.642	3	8.01	0.365

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_A1	7	12.3	4.45	7	11.9	5.24
			SH_A10	2	12.4	2.74	1	12.4	
			SH_A18	6	5.81	5.65	6	6.91	4.30
			SH_A5	22	8.80	1.39	22	8.75	1.18
			SH_A6	10	8.21	5.41	10	8.68	2.08
			SH_A7	4	8.78	8.84	4	7.80	5.13
			SH_CRA6	29	11.9	4.81	29	12.5	4.86
			SH_MA24	12	11.9	4.88	12	12.1	4.08
			SH_MARS	18	15.4	28.1	18	16.1	29.8
			SH_MMS2	28	14.2	5.89	26	14.5	6.28
			UN_C_23	7	10.4	0.482	6	10.5	0.498
			UN_HI179	2	17.9	20.4	2	18.7	9.66
			UN_V9ST1	3	13.1	1.92	3	13.8	0.875
			A_8ST1	13	11.7	0.305	12	11.7	0.290
			BRUTUS	19	10.0	3.17	19	10.3	3.38

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CAN_V_3	4	11.6	29.5	4	12.5	27.1
			CAN_V_4	2	7.14	0.541	2	6.99	0.249
			CH236_2	10	9.47	16.4	10	7.37	5.89
			CH248ST1	7	8.54	0.874	7	8.54	0.749
			CH248ST2	11	8.68	1.31	11	8.52	0.817
			CHMC248	9	13.9	4.11	9	13.8	3.53
			CHW_4	5	9.14	7.98	5	9.60	3.90
			CHW_5	19	11.9	26.0	19	11.9	22.7
			FOIL_HI	11	11.7	0.432	11	11.7	0.367
			SHELLA18	8	8.95	0.800	8	8.86	0.908
			WELL_A_U	4	9.63	1.10	4	9.63	0.695
			WELL_C_U	2	14.0	0.551	2	13.6	0.148
			WELL_F_U	12	5.98	3.63	11	5.44	3.07
			WELL_G_U	10	11.2	22.5	10	10.7	13.7
			WELL_J_U	9	10.2	1.47	9	9.96	0.677

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_K_U	9	10.9	0.660	9	11.0	0.509
*Fines Removal	Exclude	Exclude	BP_15555	2	9.16	3.81	1	10.5	
			CH28	31	11.7	19.1	30	11.4	18.9
			CHEV_M_8	9	11.9	2.71	9	12.0	1.52
			CON_A_9	2	9.81	1.45	2	9.84	0.723
			PH_A_3	8	12.5	2.08	7	12.7	1.54
			SH981ST2	5	9.64	0.699	5	9.71	0.614
			SH_528_1	14	13.1	1.30	14	13.3	1.36
			SH_68A_1	3	7.98	0.642	3	8.01	0.365
			SH_A1	7	12.3	4.45	7	11.9	5.24
			SH_A10	2	12.4	2.74	1	12.4	
			SH_A18	6	5.81	5.65	6	6.91	4.30
			SH_A5	22	8.80	1.39	22	8.75	1.18
			SH_A6	10	8.21	5.41	10	8.68	2.08
			SH_A7	4	8.78	8.84	4	7.80	5.13

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_CRA6	29	11.9	4.81	29	12.5	4.86
			SH_MA24	12	11.9	4.88	12	12.1	4.08
			SH_MARS	18	15.4	28.1	18	16.1	29.8
			SH_MMS2	28	14.2	5.89	26	14.5	6.28
			UN_C_23	7	10.4	0.482	6	10.5	0.498
			UN_HI179	2	17.9	20.4	2	18.7	9.66
			UN_V9ST1	3	13.1	1.92	3	13.8	0.875
			A_8ST1	13	11.7	0.305	12	11.7	0.290
			BRUTUS	19	10.0	3.17	19	10.3	3.38
			CH236_2	10	9.47	16.4	10	7.37	5.89
			CH248ST1	7	8.54	0.874	7	8.54	0.749
			CH248ST2	11	8.68	1.31	11	8.52	0.817
			CHMC248	9	13.9	4.11	9	13.8	3.53
			CHW_4	5	9.14	7.98	5	9.60	3.90
			CHW_5	19	11.9	26.0	19	11.9	22.7

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			FOIL_HI	11	11.7	0.432	11	11.7	0.367
			SHELLA18	8	8.95	0.800	8	8.86	0.908
			WELL_A_U	4	9.63	1.10	4	9.63	0.695
			WELL_C_U	2	14.0	0.551	2	13.6	0.148
			WELL_F_U	12	5.98	3.63	11	5.44	3.07
			WELL_G_U	10	11.2	22.5	10	10.7	13.7
			WELL_J_U	9	10.2	1.47	9	9.96	0.677
			WELL_K_U	9	10.9	0.660	9	11.0	0.509
Primary SS	Include	Include	A10	3	9.50	0.750	1	9.00	
			A22	2	11.9		.	.	.
			A23	3	14.6	5.23	.	.	.
			A24	4	13.6	6.87	.	.	.
			A9	20	7.55	15.9	19	9.58	29.7
			AO	3	12.1	0.205	3	12.1	0.148
			C14	3	4.37	0.563	3	4.16	0.423

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			C16	1	6.30	.	1	6.30	
			C18	5	7.52	0.577	.	.	.
			C30	3	11.9	59.8	.	.	.
			C31	12	11.0	3.31	.	.	.
			C36	8	12.3	10.3	.	.	.
			C37	9	11.8	3.40	.	.	.
			C56	9	14.0	6.15	.	.	.
			C69	6	9.32	5.57	.	.	.
			C75	5	9.28	1.38	.	.	.
			C76	9	13.6	2.73	.	.	.
			C77	20	6.15	4.63	.	.	.
			C78	7	9.94	12.6	.	.	.
			C79	12	10.9	7.55	.	.	.
			C80	7	14.4	6.52	.	.	.
			C81	24	13.7	13.8	19	11.5	4.74

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			M10	4	14.8	10.9	3	15.6	3.81
			M11	3	10.2	23.2	2	13.3	0.147
			M13	5	12.9	28.9	4	10.4	0.417
			M14	16	12.2	49.0	13	10.5	15.6
			M15	7	8.02	5.00	4	8.37	0.320
			M16	1	18.3	.	.	.	.
			M17	7	5.76	18.4	6	5.04	15.2
			M18	3	12.6	3.86	3	12.5	2.95
			M19	7	14.1	2.48	.	.	.
			M21	9	4.51	8.71	8	3.80	4.96
			M5	19	8.20	14.4	.	.	.
			M6	3	10.2	23.2	2	13.3	0.147
			M8	26	10.8	18.1	23	10.4	10.2
			M9	17	13.3	22.2	14	11.4	28.0
			S11	12	11.7	14.4	.	.	.

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			S14	14	11.1	3.77	7	11.5	1.68
			S18	7	13.3	2.08	.	.	.
			S27	4	7.78	7.92	.	.	.
			S30	2	12.8	0.0450	.	.	.
			S32	2	11.9	223.0	.	.	.
			S34	1	10.8	.	.	.	.
			S35	7	14.8	5.00	5	15.2	6.52
			S44	11	2.04	0.157	.	.	.
			S6	3	14.3	0.743	.	.	.
			S7	13	7.49	10.7	.	.	.
			S9	10	10.8	19.5	.	.	.
			BHPVIPER	17	6.86	3.81	17	7.14	3.56
			CHEV1002	12	10.3	2.29	12	10.1	1.60
			CON_A9ST	1	12.4	.	1	12.4	
			CON_A_9	5	8.40	5.15	5	8.74	5.03

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			PH_A_3	8	5.61	1.39	7	5.96	0.0763
			SEPARKER	4	13.2	2.06	.	.	.
			SH_A10	3	13.0	4.12	3	12.9	3.20
			SH_A18	11	10.4	17.3	11	9.86	17.1
			TEX_63_1	24	6.66	22.4	23	7.52	26.3
			UNOCALHI	11	14.2	9.62	.	.	.
			UN_HI179	12	12.6	0.329	11	12.7	0.209
			UN_V9ST1	3	10.1	5.61	3	10.8	1.99
			A_8ST1	13	9.60	6.64	12	9.48	6.93
			BRUTUS	18	6.64	1.61	18	6.47	1.67
			CAN_V_3	35	15.8	13.1	33	13.9	8.93
			CAN_V_4	53	15.4	19.3	52	12.2	13.3
			CH236_2	13	5.41	2.57	13	4.31	3.60
			CH248ST1	8	9.52	6.19	8	9.52	5.42
			CH248ST2	14	7.20	3.65	14	7.15	3.42

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CHC_16ST	13	11.5	1.74	13	11.4	1.49
			CHMC248	14	10.1	7.84	14	10.1	7.56
			CHST52	12	10.0	9.04	12	9.19	11.6
			FOIL_HI	12	6.69	0.149	12	6.69	0.155
			SE76_H10	4	7.00	8.17	4	6.16	6.45
			SENESEJ	9	10.2	0.842	9	10.0	1.16
			SHELLA18	20	4.95	2.51	20	4.77	2.16
			UNCLH11	8	6.91	3.81	7	5.99	1.24
			UNCLH9	4	4.52	3.85	4	4.01	2.80
			WTF_9	13	5.63	0.218	13	5.63	0.198
			CH10ST	6	11.1	6.21	6	11.1	4.92
			CH15ST1	5	15.0	1.89	5	15.1	1.46
			CH15ST3	6	9.41	12.6	6	9.22	10.1
			CH15WB2	3	9.19	0.471	3	8.79	0.261
			SPIRIT76	6	10.3	1.30	6	9.99	1.24

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
Primary SS	Include	Exclude	A10	3	9.50	0.750	1	9.00	
			A22	2	11.9		.	.	.
			A23	3	14.6	5.23	.	.	.
			A24	4	13.6	6.87	.	.	.
			A9	20	7.55	15.9	19	9.58	29.7
			AO	3	12.1	0.205	3	12.1	0.148
			C14	3	4.37	0.563	3	4.16	0.423
			C16	1	6.30	.	1	6.30	
			C18	5	7.52	0.577	.	.	.
			C30	3	11.9	59.8	.	.	.
			C31	12	11.0	3.31	.	.	.
			C36	8	12.3	10.3	.	.	.
			C37	9	11.8	3.40	.	.	.
			C56	9	14.0	6.15	.	.	.
			C69	6	9.32	5.57	.	.	.

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			C75	5	9.28	1.38	.	.	.
			C76	9	13.6	2.73	.	.	.
			C77	20	6.15	4.63	.	.	.
			C78	7	9.94	12.6	.	.	.
			C79	12	10.9	7.55	.	.	.
			C80	7	14.4	6.52	.	.	.
			C81	24	13.7	13.8	19	11.5	4.74
			M10	4	14.8	10.9	3	15.6	3.81
			M11	3	10.2	23.2	2	13.3	0.147
			M13	5	12.9	28.9	4	10.4	0.417
			M14	16	12.2	49.0	13	10.5	15.6
			M15	7	8.02	5.00	4	8.37	0.320
			M16	1	18.3	.	.	.	.
			M17	7	5.76	18.4	6	5.04	15.2
			M18	3	12.6	3.86	3	12.5	2.95

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			M19	7	14.1	2.48	.	.	.
			M21	9	4.51	8.71	8	3.80	4.96
			M5	19	8.20	14.4	.	.	.
			M6	3	10.2	23.2	2	13.3	0.147
			M8	26	10.8	18.1	23	10.4	10.2
			M9	17	13.3	22.2	14	11.4	28.0
			S11	12	11.7	14.4	.	.	.
			S14	14	11.1	3.77	7	11.5	1.68
			S18	7	13.3	2.08	.	.	.
			S27	4	7.78	7.92	.	.	.
			S30	2	12.8	0.0450	.	.	.
			S32	2	11.9	223.0	.	.	.
			S34	1	10.8	.	.	.	.
			S35	7	14.8	5.00	5	15.2	6.52
			S44	11	2.04	0.157	.	.	.

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			S6	3	14.3	0.743	.	.	.
			S7	13	7.49	10.7	.	.	.
			S9	10	10.8	19.5	.	.	.
			BHPVIPER	17	6.86	3.81	17	7.14	3.56
			CHEV1002	12	10.3	2.29	12	10.1	1.60
			CON_A9ST	1	12.4	.	1	12.4	
			CON_A_9	5	8.40	5.15	5	8.74	5.03
			PH_A_3	8	5.61	1.39	7	5.96	0.0763
			SEPARKER	4	13.2	2.06	.	.	.
			SH_A10	3	13.0	4.12	3	12.9	3.20
			SH_A18	11	10.4	17.3	11	9.86	17.1
			TEX_63_1	24	6.66	22.4	23	7.52	26.3
			UNOCALHI	11	14.2	9.62	.	.	.
			UN_HI179	12	12.6	0.329	11	12.7	0.209
			UN_V9ST1	3	10.1	5.61	3	10.8	1.99

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			A_8ST1	13	9.60	6.64	12	9.48	6.93
			BRUTUS	18	6.64	1.61	18	6.47	1.67
			CH236_2	13	5.41	2.57	13	4.31	3.60
			CH248ST1	8	9.52	6.19	8	9.52	5.42
			CH248ST2	14	7.20	3.65	14	7.15	3.42
			CHC_16ST	13	11.5	1.74	13	11.4	1.49
			CHMC248	14	10.1	7.84	14	10.1	7.56
			CHST52	12	10.0	9.04	12	9.19	11.6
			FOIL_HI	12	6.69	0.149	12	6.69	0.155
			SE76_H10	4	7.00	8.17	4	6.16	6.45
			SENESEJ	9	10.2	0.842	9	10.0	1.16
			SHELLA18	20	4.95	2.51	20	4.77	2.16
			UNCLH11	8	6.91	3.81	7	5.99	1.24
			UNCLH9	4	4.52	3.85	4	4.01	2.80
			WTF_9	13	5.63	0.218	13	5.63	0.198

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CH10ST	6	11.1	6.21	6	11.1	4.92
			CH15ST1	5	15.0	1.89	5	15.1	1.46
			CH15ST3	6	9.41	12.6	6	9.22	10.1
			CH15WB2	3	9.19	0.471	3	8.79	0.261
			SPIRIT76	6	10.3	1.30	6	9.99	1.24
Primary SS	Exclude	Include	BHPVIPER	17	6.86	3.81	17	7.14	3.56
			CHEV1002	12	10.3	2.29	12	10.1	1.60
			CON_A9ST	1	12.4	.	1	12.4	
			CON_A_9	5	8.40	5.15	5	8.74	5.03
			PH_A_3	8	5.61	1.39	7	5.96	0.0763
			SH_A10	3	13.0	4.12	3	12.9	3.20
			SH_A18	11	10.4	17.3	11	9.86	17.1
			TEX_63_1	24	6.66	22.4	23	7.52	26.3
			UN_HI179	12	12.6	0.329	11	12.7	0.209
			UN_V9ST1	3	10.1	5.61	3	10.8	1.99

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			A_8ST1	13	9.60	6.64	12	9.48	6.93
			BRUTUS	18	6.64	1.61	18	6.47	1.67
			CAN_V_3	35	15.8	13.1	33	13.9	8.93
			CAN_V_4	53	15.4	19.3	52	12.2	13.3
			CH236_2	13	5.41	2.57	13	4.31	3.60
			CH248ST1	8	9.52	6.19	8	9.52	5.42
			CH248ST2	14	7.20	3.65	14	7.15	3.42
			CHC_16ST	13	11.5	1.74	13	11.4	1.49
			CHMC248	14	10.1	7.84	14	10.1	7.56
			CHST52	12	10.0	9.04	12	9.19	11.6
			FOIL_HI	12	6.69	0.149	12	6.69	0.155
			SE76_H10	4	7.00	8.17	4	6.16	6.45
			SENESEJ	9	10.2	0.842	9	10.0	1.16
			SHELLA18	20	4.95	2.51	20	4.77	2.16
			UNCLH11	8	6.91	3.81	7	5.99	1.24

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			UNCLH9	4	4.52	3.85	4	4.01	2.80
			WTF_9	13	5.63	0.218	13	5.63	0.198
			CH10ST	6	11.1	6.21	6	11.1	4.92
			CH15ST1	5	15.0	1.89	5	15.1	1.46
			CH15ST3	6	9.41	12.6	6	9.22	10.1
			CH15WB2	3	9.19	0.471	3	8.79	0.261
			SPIRIT76	6	10.3	1.30	6	9.99	1.24
Primary SS	Exclude	Exclude	BHPVIPER	17	6.86	3.81	17	7.14	3.56
			CHEV1002	12	10.3	2.29	12	10.1	1.60
			CON_A9ST	1	12.4	.	1	12.4	
			CON_A_9	5	8.40	5.15	5	8.74	5.03
			PH_A_3	8	5.61	1.39	7	5.96	0.0763
			SH_A10	3	13.0	4.12	3	12.9	3.20
			SH_A18	11	10.4	17.3	11	9.86	17.1
			TEX_63_1	24	6.66	22.4	23	7.52	26.3

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			UN_HI179	12	12.6	0.329	11	12.7	0.209
			UN_V9ST1	3	10.1	5.61	3	10.8	1.99
			A_8ST1	13	9.60	6.64	12	9.48	6.93
			BRUTUS	18	6.64	1.61	18	6.47	1.67
			CH236_2	13	5.41	2.57	13	4.31	3.60
			CH248ST1	8	9.52	6.19	8	9.52	5.42
			CH248ST2	14	7.20	3.65	14	7.15	3.42
			CHC_16ST	13	11.5	1.74	13	11.4	1.49
			CHMC248	14	10.1	7.84	14	10.1	7.56
			CHST52	12	10.0	9.04	12	9.19	11.6
			FOIL_HI	12	6.69	0.149	12	6.69	0.155
			SE76_H10	4	7.00	8.17	4	6.16	6.45
			SENESEJ	9	10.2	0.842	9	10.0	1.16
			SHELLA18	20	4.95	2.51	20	4.77	2.16
			UNCLH11	8	6.91	3.81	7	5.99	1.24

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			UNCLH9	4	4.52	3.85	4	4.01	2.80
			WTF_9	13	5.63	0.218	13	5.63	0.198
			CH10ST	6	11.1	6.21	6	11.1	4.92
			CH15ST1	5	15.0	1.89	5	15.1	1.46
			CH15ST3	6	9.41	12.6	6	9.22	10.1
			CH15WB2	3	9.19	0.471	3	8.79	0.261
			SPIRIT76	6	10.3	1.30	6	9.99	1.24
Secondary SS	Include	Include	A14	6	11.5	1.93	.	.	.
			A4	12	11.1	8.61	.	.	.
			A9	21	9.70	25.2	20	11.7	43.1
			AO	1	6.60	.	.	.	.
			C14	4	15.2	2.76	3	14.4	2.48
			C15	5	14.0	6.38	4	14.1	3.85
			C16	2	13.0	0.845	1	13.6	
			C18	7	14.9	1.36	.	.	.

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			C69	1	13.6	.	.	.	.
			C75	5	7.48	0.217	.	.	.
			C77	20	12.2	3.22	.	.	.
			C78	5	15.7	5.17	.	.	.
			C81	27	16.8	10.3	19	14.2	7.94
			M11	18	14.7	5.66	13	17.5	3.78
			M13	10	17.8	3.18	9	17.8	2.99
			M14	19	17.4	28.2	17	16.5	2.87
			M15	13	13.9	11.2	9	14.4	4.74
			M16	1	28.2	.	1	28.2	
			M17	7	15.4	8.93	6	14.7	6.31
			M18	1	15.8	.	.	.	.
			M19	8	21.1	7.57	.	.	.
			M21	9	13.9	4.02	8	14.1	3.84
			M5	9	9.58	18.1	.	.	.

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			M6	18	14.7	5.66	16	17.4	4.27
			M8	23	14.0	10.7	20	14.8	15.0
			M9	17	18.8	13.8	16	19.5	13.0
			S11	1	11.4	.	.	.	.
			S14	13	12.0	1.83	7	12.0	0.579
			S18	2	12.3		.	.	.
			S22	7	11.2	13.2	4	13.0	1.08
			S45	4	11.7	0.103	.	.	.
			S6	3	13.2	4.44	.	.	.
			S7	5	8.87	2.24	.	.	.
			PH_A_3	8	14.0	1.10	7	13.7	0.248
			SH_A18	2	14.1	0.000200	2	14.1	0.000100
			TEX_63_1	24	15.9	12.3	23	15.6	10.1
			UNOCALHI	11	16.9	10.1	.	.	.
			UN_HI179	12	12.8	4.34	11	12.6	2.51

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			A_8ST1	13	14.5	2.51	12	14.5	2.20
			CH236_2	13	10.8	3.95	13	10.7	2.24
			CH248ST1	8	13.4	1.72	8	13.4	1.50
			CH248ST2	16	14.2	2.92	16	14.2	2.62
			CHC_16ST	13	13.6	2.39	13	13.7	2.02
			CHMC248	14	16.4	9.84	14	16.6	8.05
			FOIL_HI	12	10.5	0.165	12	10.5	0.139
			SE76_H10	4	18.3	1.63	4	18.5	0.878
			SENESEJ	10	11.1	2.67	10	10.4	1.05
			SHELLA18	20	15.4	28.2	20	16.2	25.7
			UNCLH11	8	17.0	2.71	7	16.3	0.768
			UNCLH9	4	22.7	186.0	4	25.7	153.0
			WTF_9	13	4.70	0.437	13	4.70	0.400
			CH10ST	6	13.9	9.36	6	14.1	7.90
			CH15ST1	5	15.1	0.700	5	15.1	0.559

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CH15ST3	6	12.0	11.2	6	12.6	9.28
			CH15WB2	3	11.3	0.0225	3	11.3	0.00659
			SPIRIT76	7	11.1	3.96	7	10.3	1.06
Secondary SS	Include	Exclude	A14	6	11.5	1.93	.	.	.
			A4	12	11.1	8.61	.	.	.
			A9	21	9.70	25.2	20	11.7	43.1
			AO	1	6.60	.	.	.	.
			C14	4	15.2	2.76	3	14.4	2.48
			C15	5	14.0	6.38	4	14.1	3.85
			C16	2	13.0	0.845	1	13.6	
			C18	7	14.9	1.36	.	.	.
			C69	1	13.6	.	.	.	.
			C75	5	7.48	0.217	.	.	.
			C77	20	12.2	3.22	.	.	.
			C78	5	15.7	5.17	.	.	.

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			C81	27	16.8	10.3	19	14.2	7.94
			M11	18	14.7	5.66	13	17.5	3.78
			M13	10	17.8	3.18	9	17.8	2.99
			M14	19	17.4	28.2	17	16.5	2.87
			M15	13	13.9	11.2	9	14.4	4.74
			M16	1	28.2	.	1	28.2	
			M17	7	15.4	8.93	6	14.7	6.31
			M18	1	15.8	.	.	.	.
			M19	8	21.1	7.57	.	.	.
			M21	9	13.9	4.02	8	14.1	3.84
			M5	9	9.58	18.1	.	.	.
			M6	18	14.7	5.66	16	17.4	4.27
			M8	23	14.0	10.7	20	14.8	15.0
			M9	17	18.8	13.8	16	19.5	13.0
			S11	1	11.4	.	.	.	.

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			S14	13	12.0	1.83	7	12.0	0.579
			S18	2	12.3		.	.	.
			S22	7	11.2	13.2	4	13.0	1.08
			S45	4	11.7	0.103	.	.	.
			S6	3	13.2	4.44	.	.	.
			S7	5	8.87	2.24	.	.	.
			PH_A_3	8	14.0	1.10	7	13.7	0.248
			SH_A18	2	14.1	0.000200	2	14.1	0.000100
			TEX_63_1	24	15.9	12.3	23	15.6	10.1
			UNOCALHI	11	16.9	10.1	.	.	.
			UN_HI179	12	12.8	4.34	11	12.6	2.51
			A_8ST1	13	14.5	2.51	12	14.5	2.20
			CH236_2	13	10.8	3.95	13	10.7	2.24
			CH248ST1	8	13.4	1.72	8	13.4	1.50
			CH248ST2	16	14.2	2.92	16	14.2	2.62

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CHC_16ST	13	13.6	2.39	13	13.7	2.02
			CHMC248	14	16.4	9.84	14	16.6	8.05
			FOIL_HI	12	10.5	0.165	12	10.5	0.139
			SE76_H10	4	18.3	1.63	4	18.5	0.878
			SENESEJ	10	11.1	2.67	10	10.4	1.05
			SHELLA18	20	15.4	28.2	20	16.2	25.7
			UNCLH11	8	17.0	2.71	7	16.3	0.768
			UNCLH9	4	22.7	186.0	4	25.7	153.0
			WTF_9	13	4.70	0.437	13	4.70	0.400
			CH10ST	6	13.9	9.36	6	14.1	7.90
			CH15ST1	5	15.1	0.700	5	15.1	0.559
			CH15ST3	6	12.0	11.2	6	12.6	9.28
			CH15WB2	3	11.3	0.0225	3	11.3	0.00659
			SPIRIT76	7	11.1	3.96	7	10.3	1.06
Secondary SS	Exclude	Include	PH_A_3	8	14.0	1.10	7	13.7	0.248

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_A18	2	14.1	0.000200	2	14.1	0.000100
			TEX_63_1	24	15.9	12.3	23	15.6	10.1
			UN_HI179	12	12.8	4.34	11	12.6	2.51
			A_8ST1	13	14.5	2.51	12	14.5	2.20
			CH236_2	13	10.8	3.95	13	10.7	2.24
			CH248ST1	8	13.4	1.72	8	13.4	1.50
			CH248ST2	16	14.2	2.92	16	14.2	2.62
			CHC_16ST	13	13.6	2.39	13	13.7	2.02
			CHMC248	14	16.4	9.84	14	16.6	8.05
			FOIL_HI	12	10.5	0.165	12	10.5	0.139
			SE76_H10	4	18.3	1.63	4	18.5	0.878
			SENESEJ	10	11.1	2.67	10	10.4	1.05
			SHELLA18	20	15.4	28.2	20	16.2	25.7
			UNCLH11	8	17.0	2.71	7	16.3	0.768
			UNCLH9	4	22.7	186.0	4	25.7	153.0

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WTF_9	13	4.70	0.437	13	4.70	0.400
			CH10ST	6	13.9	9.36	6	14.1	7.90
			CH15ST1	5	15.1	0.700	5	15.1	0.559
			CH15ST3	6	12.0	11.2	6	12.6	9.28
			CH15WB2	3	11.3	0.0225	3	11.3	0.00659
			SPIRIT76	7	11.1	3.96	7	10.3	1.06
Secondary SS	Exclude	Exclude	PH_A_3	8	14.0	1.10	7	13.7	0.248
			SH_A18	2	14.1	0.000200	2	14.1	0.000100
			TEX_63_1	24	15.9	12.3	23	15.6	10.1
			UN_HI179	12	12.8	4.34	11	12.6	2.51
			A_8ST1	13	14.5	2.51	12	14.5	2.20
			CH236_2	13	10.8	3.95	13	10.7	2.24
			CH248ST1	8	13.4	1.72	8	13.4	1.50
			CH248ST2	16	14.2	2.92	16	14.2	2.62
			CHC_16ST	13	13.6	2.39	13	13.7	2.02

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CHMC248	14	16.4	9.84	14	16.6	8.05
			FOIL_HI	12	10.5	0.165	12	10.5	0.139
			SE76_H10	4	18.3	1.63	4	18.5	0.878
			SENESEJ	10	11.1	2.67	10	10.4	1.05
			SHELLA18	20	15.4	28.2	20	16.2	25.7
			UNCLH11	8	17.0	2.71	7	16.3	0.768
			UNCLH9	4	22.7	186.0	4	25.7	153.0
			WTF_9	13	4.70	0.437	13	4.70	0.400
			CH10ST	6	13.9	9.36	6	14.1	7.90
			CH15ST1	5	15.1	0.700	5	15.1	0.559
			CH15ST3	6	12.0	11.2	6	12.6	9.28
			CH15WB2	3	11.3	0.0225	3	11.3	0.00659
			SPIRIT76	7	11.1	3.96	7	10.3	1.06
Prim/Sec SS	Include	Include	AMOCO G.L.1 53/3C-5	5	13.4	46.1	5	15.1	21.9

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			AMOCO SEDCO 711 APPLETON 30/11B-4	34	11.5	14.4	34	9.43	6.90
			AMOCO SEDCO 711 OATES	28	12.1	21.2	28	11.5	12.0
			BRITE	33	16.7	17.0	33	14.6	6.42
			CUBP2	30	12.9	12.6	30	8.82	14.4
			CUDP1	10	13.8	20.4	10	13.1	18.4
			CUDP2	9	10.3	11.0	9	8.88	6.57
			GA3	30	11.5	13.2	30	14.5	15.6
			GLOMAR LABRADOR 1 43/6-1	17	13.0	17.0	17	10.8	12.8
			LASMO G.L.1 49/3-C3	9	10.5	4.70	9	10.3	3.18
			PARRY	33	16.4	14.1	33	16.0	6.20
			SPEKE	30	14.3	25.7	30	16.2	9.38
			BP_15555	4	9.14	14.3	2	10.6	0.262
			CH28	35	8.98	1.47	34	8.96	1.35
			CHEV_M_8	11	11.1	16.0	11	10.3	11.9

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CON_A_15	12	11.7	2.98	12	12.2	4.12
			SH981ST2	5	6.61	2.78	5	6.27	1.52
			SH_68A_1	3	6.82	0.419	3	6.78	0.246
			SH_A1	7	6.94	3.94	7	7.33	1.29
			SH_A5	21	6.70	2.27	21	6.93	1.81
			SH_A6	10	7.66	12.9	10	7.27	4.57
			SH_A7	8	6.86	5.26	8	6.71	2.71
			SH_MA24	12	9.02	3.04	12	9.11	2.76
			UN_C_23	7	10.7	0.250	6	10.9	0.125
			CHW_4	5	7.43	3.97	5	8.02	2.97
			CHW_5	19	9.50	6.54	19	9.80	5.27
			WELL_A_U	12	11.0	23.3	12	12.8	30.6
			WELL_B_U	17	14.1	8.46	11	14.1	12.9
			WELL_C_U	16	11.5	5.42	10	12.5	6.04
			WELL_D_U	4	11.7	12.6	4	12.8	11.8

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_E_U	19	14.6	5.16	8	14.2	1.76
			WELL_F_U	31	8.05	4.94	24	7.91	5.08
			WELL_G_U	17	10.3	4.54	17	10.5	5.86
			WELL_H_U	9	9.15	0.889	8	9.35	0.915
			WELL_I_U	13	9.38	2.86	12	9.18	1.97
			WELL_J_U	10	10.9	3.55	10	10.4	1.61
			WELL_K_U	19	12.1	2.48	15	11.9	2.54
Prim/Sec SS	Include	Exclude	BP_15555	4	9.14	14.3	2	10.6	0.262
			CH28	35	8.98	1.47	34	8.96	1.35
			CHEV_M_8	11	11.1	16.0	11	10.3	11.9
			CON_A_15	12	11.7	2.98	12	12.2	4.12
			SH981ST2	5	6.61	2.78	5	6.27	1.52
			SH_68A_1	3	6.82	0.419	3	6.78	0.246
			SH_A1	7	6.94	3.94	7	7.33	1.29
			SH_A5	21	6.70	2.27	21	6.93	1.81

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_A6	10	7.66	12.9	10	7.27	4.57
			SH_A7	8	6.86	5.26	8	6.71	2.71
			SH_MA24	12	9.02	3.04	12	9.11	2.76
			UN_C_23	7	10.7	0.250	6	10.9	0.125
			CHW_4	5	7.43	3.97	5	8.02	2.97
			CHW_5	19	9.50	6.54	19	9.80	5.27
			WELL_A_U	12	11.0	23.3	12	12.8	30.6
			WELL_B_U	17	14.1	8.46	11	14.1	12.9
			WELL_C_U	16	11.5	5.42	10	12.5	6.04
			WELL_D_U	4	11.7	12.6	4	12.8	11.8
			WELL_E_U	19	14.6	5.16	8	14.2	1.76
			WELL_F_U	31	8.05	4.94	24	7.91	5.08
			WELL_G_U	17	10.3	4.54	17	10.5	5.86
			WELL_H_U	9	9.15	0.889	8	9.35	0.915
			WELL_I_U	13	9.38	2.86	12	9.18	1.97

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_J_U	10	10.9	3.55	10	10.4	1.61
			WELL_K_U	19	12.1	2.48	15	11.9	2.54
Prim/Sec SS	Exclude	Include	BP_15555	4	9.14	14.3	2	10.6	0.262
			CH28	35	8.98	1.47	34	8.96	1.35
			CHEV_M_8	11	11.1	16.0	11	10.3	11.9
			CON_A_15	12	11.7	2.98	12	12.2	4.12
			SH981ST2	5	6.61	2.78	5	6.27	1.52
			SH_68A_1	3	6.82	0.419	3	6.78	0.246
			SH_A1	7	6.94	3.94	7	7.33	1.29
			SH_A5	21	6.70	2.27	21	6.93	1.81
			SH_A6	10	7.66	12.9	10	7.27	4.57
			SH_A7	8	6.86	5.26	8	6.71	2.71
			SH_MA24	12	9.02	3.04	12	9.11	2.76
			UN_C_23	7	10.7	0.250	6	10.9	0.125
			CHW_4	5	7.43	3.97	5	8.02	2.97

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			CHW_5	19	9.50	6.54	19	9.80	5.27
			WELL_A_U	4	8.90	0.587	4	9.09	0.507
			WELL_C_U	2	10.4	0.0450	2	10.2	0.0121
			WELL_D_U	3	9.90	0.0700	3	10.0	0.0438
			WELL_F_U	12	6.66	3.03	11	6.71	2.47
			WELL_G_U	10	9.83	6.16	10	10.3	9.32
			WELL_H_U	9	9.15	0.889	8	9.35	0.915
			WELL_J_U	10	10.9	3.55	10	10.4	1.61
			WELL_K_U	9	12.2	2.38	9	12.2	1.92
Prim/Sec SS	Exclude	Exclude	BP_15555	4	9.14	14.3	2	10.6	0.262
			CH28	35	8.98	1.47	34	8.96	1.35
			CHEV_M_8	11	11.1	16.0	11	10.3	11.9
			CON_A_15	12	11.7	2.98	12	12.2	4.12
			SH981ST2	5	6.61	2.78	5	6.27	1.52
			SH_68A_1	3	6.82	0.419	3	6.78	0.246

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			SH_A1	7	6.94	3.94	7	7.33	1.29
			SH_A5	21	6.70	2.27	21	6.93	1.81
			SH_A6	10	7.66	12.9	10	7.27	4.57
			SH_A7	8	6.86	5.26	8	6.71	2.71
			SH_MA24	12	9.02	3.04	12	9.11	2.76
			UN_C_23	7	10.7	0.250	6	10.9	0.125
			CHW_4	5	7.43	3.97	5	8.02	2.97
			CHW_5	19	9.50	6.54	19	9.80	5.27
			WELL_A_U	4	8.90	0.587	4	9.09	0.507
			WELL_C_U	2	10.4	0.0450	2	10.2	0.0121
			WELL_D_U	3	9.90	0.0700	3	10.0	0.0438
			WELL_F_U	12	6.66	3.03	11	6.71	2.47
			WELL_G_U	10	9.83	6.16	10	10.3	9.32
			WELL_H_U	9	9.15	0.889	8	9.35	0.915
			WELL_J_U	10	10.9	3.55	10	10.4	1.61

Table 2. Summary Statistics for Percent Retention by Well (Uniformly-Weighted and Volume-Weighted) (cont.)

Technology Category/ Subcategory	Results w/o Backup Data	Foreign Data	Well Name	Uniformly-Weighted			Volume-Weighted		
				Number of Records	Mean	Variance	Number of Records	Mean	Variance
			WELL_K_U	9	12.2	2.38	9	12.2	1.92

Table 3. Summary Statistics for Uniformly-Weighted and Volume-Weighted Well Means

Technology Category/Subcategory	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Mean of Wells	Variance of Wells	95th Percentile	99th Percentile
Mud 10	Include	Include	Uniform	41	4.43	3.96	7.71	9.06
			Volume	41	4.12	2.80	6.87	8.01
		Exclude	Uniform	27	3.36	1.33	5.26	6.05
			Volume	27	3.36	1.27	5.22	5.99
	Exclude	Include	Uniform	26	3.85	4.04	7.16	8.53
			Volume	26	3.72	3.19	6.66	7.88
		Exclude	Uniform	24	3.40	1.59	5.47	6.33
			Volume	24	3.35	1.59	5.43	6.29
Vertical Centrifuge	Include	Include	Uniform	8	3.72	2.38	6.26	7.31
			Volume	8	3.71	2.49	6.31	7.39
		Exclude	Uniform	8	3.72	2.38	6.26	7.31
			Volume	8	3.71	2.49	6.31	7.39
	Exclude	Include	Uniform	8	3.72	2.38	6.26	7.31
			Volume	8	3.71	2.49	6.31	7.39
		Exclude	Uniform	8	3.72	2.38	6.26	7.31
			Volume	8	3.71	2.49	6.31	7.39

Table 3. Summary Statistics for Uniformly-Weighted and Volume-Weighted Well Means (cont.)

Technology Category/Subcategory	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Mean of Wells	Variance of Wells	95th Percentile	99th Percentile
Squeeze Press	Include	Include	Uniform	7	6.77	2.46	9.34	10.4
			Volume	5	6.31	1.16	8.08	8.81
		Exclude	Uniform	7	6.77	2.46	9.34	10.4
			Volume	5	6.31	1.16	8.08	8.81
	Exclude	Include	Uniform	5	6.71	1.92	8.99	9.93
			Volume	5	6.31	1.16	8.08	8.81
		Exclude	Uniform	5	6.71	1.92	8.99	9.93
			Volume	5	6.31	1.16	8.08	8.81
High-G Dryer	Include	Include	Uniform	6	9.40	4.69	13.0	14.4
			Volume	6	9.52	4.83	13.1	14.6
		Exclude	Uniform	6	9.40	4.69	13.0	14.4
			Volume	6	9.52	4.83	13.1	14.6
	Exclude	Include	Uniform	6	9.40	4.69	13.0	14.4
			Volume	6	9.52	4.83	13.1	14.6
		Exclude	Uniform	6	9.40	4.69	13.0	14.4
			Volume	6	9.52	4.83	13.1	14.6

Table 3. Summary Statistics for Uniformly-Weighted and Volume-Weighted Well Means (cont.)

Technology Category/Subcategory	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Mean of Wells	Variance of Wells	95th Percentile	99th Percentile
*Cuttings Dryer 1	Include	Include	Uniform	62	5.08	6.18	9.18	10.9
			Volume	60	4.79	5.62	8.69	10.3
		Exclude	Uniform	48	4.67	6.55	8.88	10.6
			Volume	46	4.55	6.37	8.70	10.4
	Exclude	Include	Uniform	45	4.89	7.42	9.37	11.2
			Volume	45	4.78	7.06	9.15	11.0
		Exclude	Uniform	43	4.68	6.80	8.97	10.7
			Volume	43	4.62	6.81	8.92	10.7
*Cuttings Dryer 2	Include	Include	Uniform	56	4.62	4.18	7.99	9.38
			Volume	54	4.26	2.99	7.10	8.28
		Exclude	Uniform	42	4.00	3.20	6.94	8.16
			Volume	40	3.80	2.36	6.33	7.37
	Exclude	Include	Uniform	39	4.19	4.25	7.59	8.99
			Volume	39	4.05	3.45	7.11	8.37
		Exclude	Uniform	37	3.92	2.96	6.75	7.92
			Volume	37	3.83	2.64	6.50	7.61

Table 3. Summary Statistics for Uniformly-Weighted and Volume-Weighted Well Means (cont.)

Technology Category/Subcategory	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Mean of Wells	Variance of Wells	95th Percentile	99th Percentile
*Cuttings Dryer 3	Include	Include	Uniform	49	4.32	3.72	7.49	8.80
			Volume	49	4.05	2.72	6.76	7.89
		Exclude	Uniform	35	3.45	1.53	5.48	6.32
			Volume	35	3.44	1.51	5.47	6.30
	Exclude	Include	Uniform	34	3.82	3.56	6.93	8.21
			Volume	34	3.72	2.94	6.54	7.71
		Exclude	Uniform	32	3.48	1.74	5.65	6.55
			Volume	32	3.44	1.77	5.63	6.54
Decanting Centrifuge	Include	Include	Uniform	28	9.97	4.23	13.3	14.7
			Volume	23	10.1	5.11	13.8	15.4
		Exclude	Uniform	26	10.0	4.14	13.4	14.7
			Volume	21	10.2	4.83	13.8	15.3
	Exclude	Include	Uniform	22	9.97	5.13	13.7	15.2
			Volume	22	10.1	5.32	13.9	15.5
		Exclude	Uniform	20	10.0	5.11	13.8	15.3
			Volume	20	10.2	5.05	13.9	15.4

Table 3. Summary Statistics for Uniformly-Weighted and Volume-Weighted Well Means (cont.)

Technology Category/Subcategory	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Mean of Wells	Variance of Wells	95th Percentile	99th Percentile
Mud Cleaner	Include	Include	Uniform	22	11.9	6.79	16.2	18.0
			Volume	21	11.8	8.91	16.7	18.8
		Exclude	Uniform	22	11.9	6.79	16.2	18.0
			Volume	21	11.8	8.91	16.7	18.8
	Exclude	Include	Uniform	21	11.9	6.97	16.2	18.0
			Volume	21	11.8	8.81	16.7	18.7
		Exclude	Uniform	21	11.9	6.97	16.2	18.0
			Volume	21	11.8	8.81	16.7	18.7
*Fines Removal	Include	Include	Uniform	46	10.8	5.74	14.7	16.3
			Volume	40	10.9	7.07	15.2	17.1
		Exclude	Uniform	44	10.8	5.68	14.7	16.4
			Volume	38	10.9	6.97	15.3	17.1
	Exclude	Include	Uniform	39	10.8	6.30	14.9	16.7
			Volume	39	10.9	7.15	15.3	17.1
		Exclude	Uniform	37	10.9	6.25	15.0	16.7
			Volume	37	10.9	7.05	15.3	17.1

Table 3. Summary Statistics for Uniformly-Weighted and Volume-Weighted Well Means (cont.)

Technology Category/Subcategory	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Mean of Wells	Variance of Wells	95th Percentile	99th Percentile
Primary SS	Include	Include	Uniform	82	10.3	10.5	15.6	17.9
			Volume	51	9.47	9.62	14.6	16.7
		Exclude	Uniform	80	10.2	10.0	15.4	17.6
			Volume	49	9.33	9.45	14.4	16.5
	Exclude	Include	Uniform	32	9.32	9.28	14.3	16.4
			Volume	32	9.04	8.17	13.7	15.7
		Exclude	Uniform	30	8.90	7.01	13.3	15.1
			Volume	30	8.77	7.51	13.3	15.1
Secondary SS	Include	Include	Uniform	56	13.9	14.4	20.1	22.7
			Volume	39	14.7	15.7	21.2	23.9
		Exclude	Uniform	56	13.9	14.4	20.1	22.7
			Volume	39	14.7	15.7	21.2	23.9
	Exclude	Include	Uniform	22	13.8	12.1	19.5	21.8
			Volume	22	13.9	15.5	20.3	23.0
		Exclude	Uniform	22	13.8	12.1	19.5	21.8
			Volume	22	13.9	15.5	20.3	23.0

Table 3. Summary Statistics for Uniformly-Weighted and Volume-Weighted Well Means (cont.)

Technology Category/Subcategory	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Mean of Wells	Variance of Wells	95th Percentile	99th Percentile
Prim/Sec SS	Include	Include	Uniform	37	10.8	7.24	15.2	17.0
			Volume	37	10.7	7.67	15.3	17.2
		Exclude	Uniform	25	9.68	5.14	13.4	15.0
			Volume	25	9.88	5.71	13.8	15.4
	Exclude	Include	Uniform	22	8.96	3.16	11.9	13.1
			Volume	22	9.07	3.30	12.1	13.3
		Exclude	Uniform	22	8.96	3.16	11.9	13.1
			Volume	22	9.07	3.30	12.1	13.3

Table 4. Compliance Analysis with BAT Option 1

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
Mud 10	Decanting Centrifuge	Include	Include	Uniform	33	24	7.87	30	22	90.9	91.7
				Volume	32	23	7.08	29	22	90.6	95.7
			Exclude	Uniform	33	24	5.50	28	20	84.8	83.3
				Volume	32	23	5.48	24	18	75.0	78.3
		Exclude	Include	Uniform	32	24	7.35	29	22	90.6	91.7
				Volume	32	23	6.88	29	22	90.6	95.7
			Exclude	Uniform	32	24	5.72	27	21	84.4	87.5
				Volume	32	23	5.68	25	20	78.1	87.0
	Mud Cleaner	Include	Include	Uniform	33	24	7.96	30	23	90.9	95.8
				Volume	32	23	7.17	29	22	90.6	95.7
			Exclude	Uniform	33	24	5.59	28	20	84.8	83.3
				Volume	32	23	5.57	25	19	78.1	82.6
		Exclude	Include	Uniform	32	24	7.43	29	22	90.6	91.7
				Volume	32	23	6.96	29	22	90.6	95.7

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
			Exclude	Uniform	32	24	5.79	27	22	84.4	91.7
				Volume	32	23	5.76	27	20	84.4	87.0
	*Fines Removal	Include	Include	Uniform	33	24	7.91	30	23	90.9	95.8
				Volume	32	23	7.12	29	22	90.6	95.7
			Exclude	Uniform	33	24	5.54	28	20	84.8	83.3
				Volume	32	23	5.52	25	19	78.1	82.6
		Exclude	Include	Uniform	32	24	7.39	29	22	90.6	91.7
				Volume	32	23	6.92	29	22	90.6	95.7
			Exclude	Uniform	32	24	5.76	27	22	84.4	91.7
				Volume	32	23	5.72	26	20	81.3	87.0
Vertical Centrifuge	Decanting Centrifuge	Include	Include	Uniform	33	24	6.47	29	22	87.9	91.7
				Volume	32	23	6.54	28	21	87.5	91.3
			Exclude	Uniform	33	24	6.47	29	22	87.9	91.7
				Volume	32	23	6.53	28	21	87.5	91.3
		Exclude	Include	Uniform	32	24	6.48	28	22	87.5	91.7

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
				Volume	32	23	6.54	28	21	87.5	91.3
			Exclude	Uniform	32	24	6.48	28	22	87.5	91.7
				Volume	32	23	6.54	28	21	87.5	91.3
	Mud Cleaner	Include	Include	Uniform	33	24	6.56	29	22	87.9	91.7
				Volume	32	23	6.62	28	22	87.5	95.7
			Exclude	Uniform	33	24	6.56	29	22	87.9	91.7
				Volume	32	23	6.62	28	22	87.5	95.7
		Exclude	Include	Uniform	32	24	6.56	28	22	87.5	91.7
				Volume	32	23	6.62	28	22	87.5	95.7
			Exclude	Uniform	32	24	6.56	28	22	87.5	91.7
				Volume	32	23	6.62	28	22	87.5	95.7
	*Fines Removal	Include	Include	Uniform	33	24	6.51	29	22	87.9	91.7
				Volume	32	23	6.58	28	22	87.5	95.7

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
			Exclude	Uniform	33	24	6.51	29	22	87.9	91.7
				Volume	32	23	6.58	28	22	87.5	95.7
		Exclude	Include	Uniform	32	24	6.52	28	22	87.5	91.7
				Volume	32	23	6.58	28	22	87.5	95.7
			Exclude	Uniform	32	24	6.52	28	22	87.5	91.7
				Volume	32	23	6.58	28	22	87.5	95.7
Squeeze Press	Decanting Centrifuge	Include	Include	Uniform	33	24	9.46	32	23	97.0	95.8
				Volume	32	23	8.25	31	23	96.9	100.0
			Exclude	Uniform	33	24	9.46	32	23	97.0	95.8
				Volume	32	23	8.25	31	23	96.9	100.0
		Exclude	Include	Uniform	32	24	9.13	31	23	96.9	95.8
				Volume	32	23	8.25	31	23	96.9	100.0
			Exclude	Uniform	32	24	9.13	31	23	96.9	95.8

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
				Volume	32	23	8.25	31	23	96.9	100.0
	Mud Cleaner	Include	Include	Uniform	33	24	9.55	33	23	100.0	95.8
				Volume	32	23	8.34	31	23	96.9	100.0
			Exclude	Uniform	33	24	9.55	33	23	100.0	95.8
				Volume	32	23	8.34	31	23	96.9	100.0
		Exclude	Include	Uniform	32	24	9.20	31	23	96.9	95.8
				Volume	32	23	8.34	31	23	96.9	100.0
			Exclude	Uniform	32	24	9.20	31	23	96.9	95.8
				Volume	32	23	8.34	31	23	96.9	100.0
	*Fines Removal	Include	Include	Uniform	33	24	9.50	33	23	100.0	95.8
				Volume	32	23	8.29	31	23	96.9	100.0
			Exclude	Uniform	33	24	9.51	33	23	100.0	95.8
				Volume	32	23	8.30	31	23	96.9	100.0

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
		Exclude	Include	Uniform	32	24	9.17	31	23	96.9	95.8
				Volume	32	23	8.30	31	23	96.9	100.0
			Exclude	Uniform	32	24	9.17	31	23	96.9	95.8
				Volume	32	23	8.30	31	23	96.9	100.0
High-G Dryer	Decanting Centrifuge	Include	Include	Uniform	33	24	13.0	33	24	100.0	100.0
				Volume	32	23	13.2	32	23	100.0	100.0
			Exclude	Uniform	33	24	13.0	33	24	100.0	100.0
				Volume	32	23	13.2	32	23	100.0	100.0
		Exclude	Include	Uniform	32	24	13.0	32	24	100.0	100.0
				Volume	32	23	13.2	32	23	100.0	100.0
			Exclude	Uniform	32	24	13.0	32	24	100.0	100.0
				Volume	32	23	13.2	32	23	100.0	100.0
	Mud Cleaner	Include	Include	Uniform	33	24	13.1	33	24	100.0	100.0

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
				Volume	32	23	13.2	32	23	100.0	100.0
			Exclude	Uniform	33	24	13.1	33	24	100.0	100.0
				Volume	32	23	13.2	32	23	100.0	100.0
		Exclude	Include	Uniform	32	24	13.1	32	24	100.0	100.0
				Volume	32	23	13.2	32	23	100.0	100.0
			Exclude	Uniform	32	24	13.1	32	24	100.0	100.0
				Volume	32	23	13.2	32	23	100.0	100.0
	*Fines Removal	Include	Include	Uniform	33	24	13.0	33	24	100.0	100.0
				Volume	32	23	13.2	32	23	100.0	100.0
			Exclude	Uniform	33	24	13.0	33	24	100.0	100.0
				Volume	32	23	13.2	32	23	100.0	100.0
		Exclude	Include	Uniform	32	24	13.0	32	24	100.0	100.0
				Volume	32	23	13.2	32	23	100.0	100.0

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
			Exclude	Uniform	32	24	13.0	32	24	100.0	100.0
				Volume	32	23	13.2	32	23	100.0	100.0
*Cuttings Dryer 1	Decanting Centrifuge	Include	Include	Uniform	33	24	9.30	32	23	97.0	95.8
				Volume	32	23	8.84	32	23	100.0	100.0
			Exclude	Uniform	33	24	9.02	31	23	93.9	95.8
				Volume	32	23	8.85	32	23	100.0	100.0
		Exclude	Include	Uniform	32	24	9.50	32	23	100.0	95.8
				Volume	32	23	9.29	32	23	100.0	100.0
			Exclude	Uniform	32	24	9.11	31	23	96.9	95.8
				Volume	32	23	9.07	32	23	100.0	100.0
	Mud Cleaner	Include	Include	Uniform	33	24	9.39	32	23	97.0	95.8
				Volume	32	23	8.93	32	23	100.0	100.0
			Exclude	Uniform	33	24	9.10	31	23	93.9	95.8

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
				Volume	32	23	8.94	32	23	100.0	100.0
		Exclude	Include	Uniform	32	24	9.57	32	23	100.0	95.8
				Volume	32	23	9.38	32	23	100.0	100.0
			Exclude	Uniform	32	24	9.19	31	23	96.9	95.8
				Volume	32	23	9.15	32	23	100.0	100.0
	*Fines Removal	Include	Include	Uniform	33	24	9.34	32	23	97.0	95.8
				Volume	32	23	8.88	32	23	100.0	100.0
			Exclude	Uniform	33	24	9.06	31	23	93.9	95.8
				Volume	32	23	8.90	32	23	100.0	100.0
		Exclude	Include	Uniform	32	24	9.53	32	23	100.0	95.8
				Volume	32	23	9.34	32	23	100.0	100.0
			Exclude	Uniform	32	24	9.15	31	23	96.9	95.8
				Volume	32	23	9.11	32	23	100.0	100.0

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
*Cuttings Dryer 2	Decanting Centrifuge	Include	Include	Uniform	33	24	8.15	30	23	90.9	95.8
				Volume	32	23	7.31	29	22	90.6	95.7
			Exclude	Uniform	33	24	7.13	30	22	90.9	91.7
				Volume	32	23	6.55	28	21	87.5	91.3
		Exclude	Include	Uniform	32	24	7.77	29	22	90.6	91.7
				Volume	32	23	7.31	29	22	90.6	95.7
			Exclude	Uniform	32	24	6.96	28	22	87.5	91.7
				Volume	32	23	6.72	28	22	87.5	95.7
	Mud Cleaner	Include	Include	Uniform	33	24	8.23	30	23	90.9	95.8
				Volume	32	23	7.39	29	22	90.6	95.7
			Exclude	Uniform	33	24	7.22	30	22	90.9	91.7
				Volume	32	23	6.64	28	22	87.5	95.7
		Exclude	Include	Uniform	32	24	7.84	29	22	90.6	91.7

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
				Volume	32	23	7.39	29	22	90.6	95.7
			Exclude	Uniform	32	24	7.03	28	22	87.5	91.7
				Volume	32	23	6.81	28	22	87.5	95.7
	*Fines Removal	Include	Include	Uniform	33	24	8.19	30	23	90.9	95.8
				Volume	32	23	7.35	29	22	90.6	95.7
			Exclude	Uniform	33	24	7.17	30	22	90.9	91.7
				Volume	32	23	6.60	28	22	87.5	95.7
		Exclude	Include	Uniform	32	24	7.81	29	22	90.6	91.7
				Volume	32	23	7.35	29	22	90.6	95.7
			Exclude	Uniform	32	24	7.00	28	22	87.5	91.7
				Volume	32	23	6.77	28	22	87.5	95.7
*Cuttings Dryer 3	Decanting Centrifuge	Include	Include	Uniform	33	24	7.66	30	22	90.9	91.7
				Volume	32	23	6.98	29	22	90.6	95.7

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
			Exclude	Uniform	33	24	5.72	28	21	84.8	87.5
				Volume	32	23	5.71	26	20	81.3	87.0
		Exclude	Include	Uniform	32	24	7.13	29	22	90.6	91.7
				Volume	32	23	6.76	28	22	87.5	95.7
			Exclude	Uniform	32	24	5.89	27	22	84.4	91.7
				Volume	32	23	5.88	27	21	84.4	91.3
	Mud Cleaner	Include	Include	Uniform	33	24	7.75	30	22	90.9	91.7
				Volume	32	23	7.06	29	22	90.6	95.7
			Exclude	Uniform	33	24	5.80	28	22	84.8	91.7
				Volume	32	23	5.80	27	20	84.4	87.0
		Exclude	Include	Uniform	32	24	7.21	29	22	90.6	91.7
				Volume	32	23	6.85	29	22	90.6	95.7
			Exclude	Uniform	32	24	5.96	27	22	84.4	91.7

Table 4. Compliance Analysis with BAT Option 1 (cont.)

Cuttings Dryer Category	Fines Removal Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
				Volume	32	23	5.96	27	21	84.4	91.3
	*Fines Removal	Include	Include	Uniform	33	24	7.70	30	22	90.9	91.7
				Volume	32	23	7.02	29	22	90.6	95.7
			Exclude	Uniform	33	24	5.76	28	22	84.8	91.7
				Volume	32	23	5.76	27	20	84.4	87.0
		Exclude	Include	Uniform	32	24	7.17	29	22	90.6	91.7
				Volume	32	23	6.81	28	22	87.5	95.7
			Exclude	Uniform	32	24	5.93	27	22	84.4	91.7
				Volume	32	23	5.92	27	21	84.4	91.3

Table 5. Compliance Analysis with BAT Option 2

Cuttings Dryer Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
Mud 10	Include	Include	Uniform	62	54	7.71	53	48	85.5	88.9
			Volume	60	51	6.87	49	44	81.7	86.3
		Exclude	Uniform	62	54	5.26	37	35	59.7	64.8
			Volume	60	51	5.22	37	33	61.7	64.7
	Exclude	Include	Uniform	45	36	7.16	37	30	82.2	83.3
			Volume	45	35	6.66	34	30	75.6	85.7
		Exclude	Uniform	45	36	5.47	31	24	68.9	66.7
			Volume	45	35	5.43	30	23	66.7	65.7
Vertical Centrifuge	Include	Include	Uniform	62	54	6.26	46	43	74.2	79.6
			Volume	60	51	6.31	46	40	76.7	78.4
		Exclude	Uniform	62	54	6.26	46	43	74.2	79.6
			Volume	60	51	6.31	46	40	76.7	78.4
	Exclude	Include	Uniform	45	36	6.26	34	28	75.6	77.8
			Volume	45	35	6.31	34	27	75.6	77.1

Table 5. Compliance Analysis with BAT Option 2 (cont.)

Cuttings Dryer Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
		Exclude	Uniform	45	36	6.26	34	28	75.6	77.8
			Volume	45	35	6.31	34	27	75.6	77.1
Squeeze Press	Include	Include	Uniform	62	54	9.34	58	51	93.5	94.4
			Volume	60	51	8.08	56	48	93.3	94.1
		Exclude	Uniform	62	54	9.34	58	51	93.5	94.4
			Volume	60	51	8.08	56	48	93.3	94.1
	Exclude	Include	Uniform	45	36	8.99	40	33	88.9	91.7
			Volume	45	35	8.08	41	32	91.1	91.4
		Exclude	Uniform	45	36	8.99	40	33	88.9	91.7
			Volume	45	35	8.08	41	32	91.1	91.4
High-G Dryer	Include	Include	Uniform	62	54	13.0	62	54	100.0	100.0
			Volume	60	51	13.1	60	51	100.0	100.0
		Exclude	Uniform	62	54	13.0	62	54	100.0	100.0

Table 5. Compliance Analysis with BAT Option 2 (cont.)

Cuttings Dryer Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
			Volume	60	51	13.1	60	51	100.0	100.0
	Exclude	Include	Uniform	45	36	13.0	45	36	100.0	100.0
			Volume	45	35	13.1	45	35	100.0	100.0
		Exclude	Uniform	45	36	13.0	45	36	100.0	100.0
			Volume	45	35	13.1	45	35	100.0	100.0
*Cuttings Dryer 1	Include	Include	Uniform	62	54	9.18	58	51	93.5	94.4
			Volume	60	51	8.69	56	49	93.3	96.1
		Exclude	Uniform	62	54	8.88	57	51	91.9	94.4
			Volume	60	51	8.70	56	49	93.3	96.1
	Exclude	Include	Uniform	45	36	9.37	41	33	91.1	91.7
			Volume	45	35	9.15	42	33	93.3	94.3
		Exclude	Uniform	45	36	8.97	40	33	88.9	91.7
			Volume	45	35	8.92	42	33	93.3	94.3

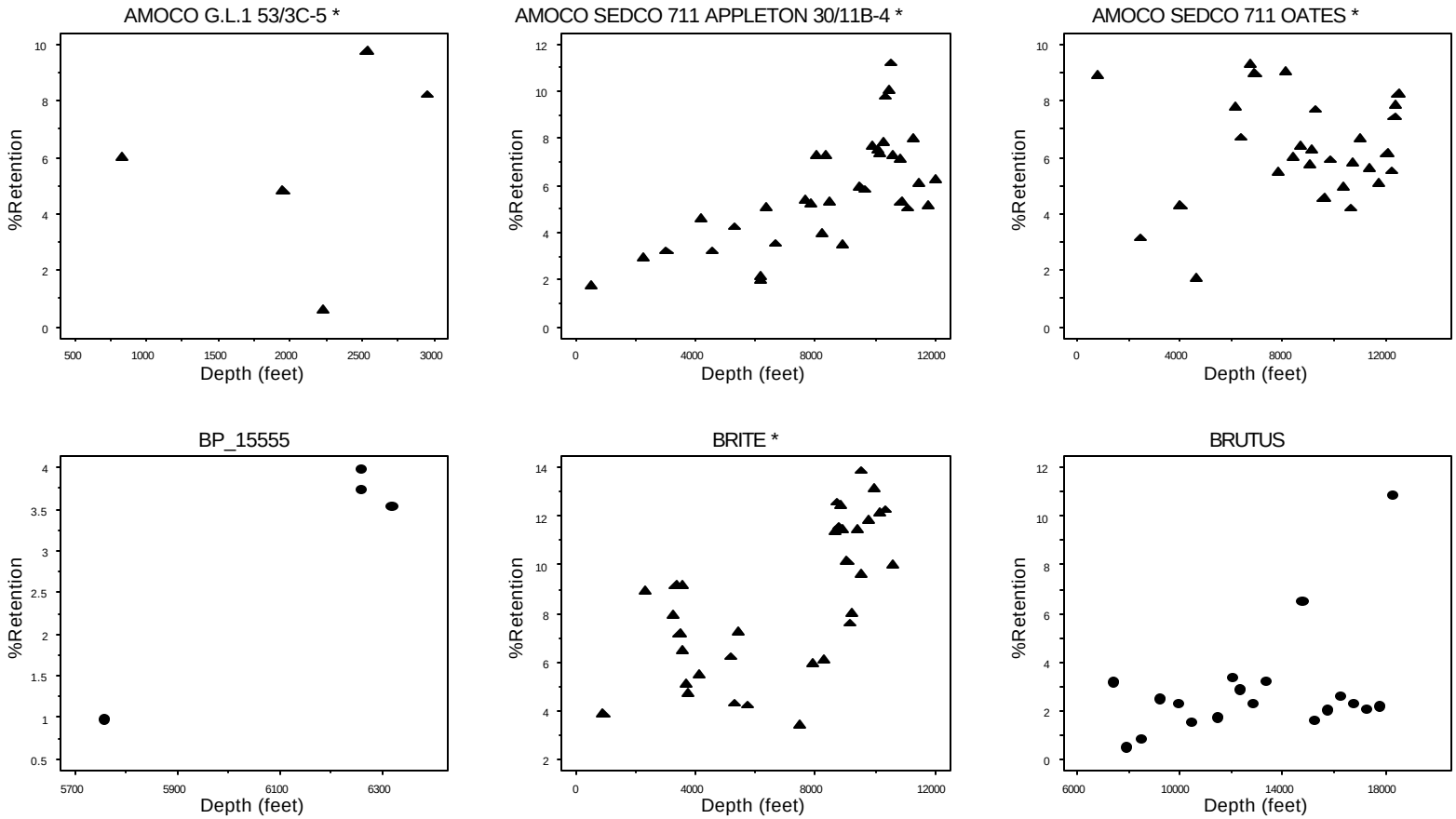
Table 5. Compliance Analysis with BAT Option 2 (cont.)

Cuttings Dryer Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
*Cuttings Dryer 2	Include	Include	Uniform	62	54	7.99	53	50	85.5	92.6
			Volume	60	51	7.10	50	44	83.3	86.3
		Exclude	Uniform	62	54	6.94	49	47	79.0	87.0
			Volume	60	51	6.33	46	40	76.7	78.4
	Exclude	Include	Uniform	45	36	7.59	38	31	84.4	86.1
			Volume	45	35	7.11	36	30	80.0	85.7
		Exclude	Uniform	45	36	6.75	34	30	75.6	83.3
			Volume	45	35	6.50	34	28	75.6	80.0
*Cuttings Dryer 3	Include	Include	Uniform	62	54	7.49	53	48	85.5	88.9
			Volume	60	51	6.76	49	44	81.7	86.3
		Exclude	Uniform	62	54	5.48	38	35	61.3	64.8
			Volume	60	51	5.47	41	34	68.3	66.7
	Exclude	Include	Uniform	45	36	6.93	35	30	77.8	83.3

Table 5. Compliance Analysis with BAT Option 2 (cont.)

Cuttings Dryer Category	Results w/o Backup Data	Foreign Data	Weighting	Number of Wells	Number of BMP Wells	Limit (95th Percentile)	Number of Compliant Wells	Number of Compliant BMP Wells	Percent of Compliant Wells	Percent of Compliant BMP Wells
			Volume	45	35	6.54	34	28	75.6	80.0
		Exclude	Uniform	45	36	5.65	32	25	71.1	69.4
			Volume	45	35	5.63	32	24	71.1	68.6

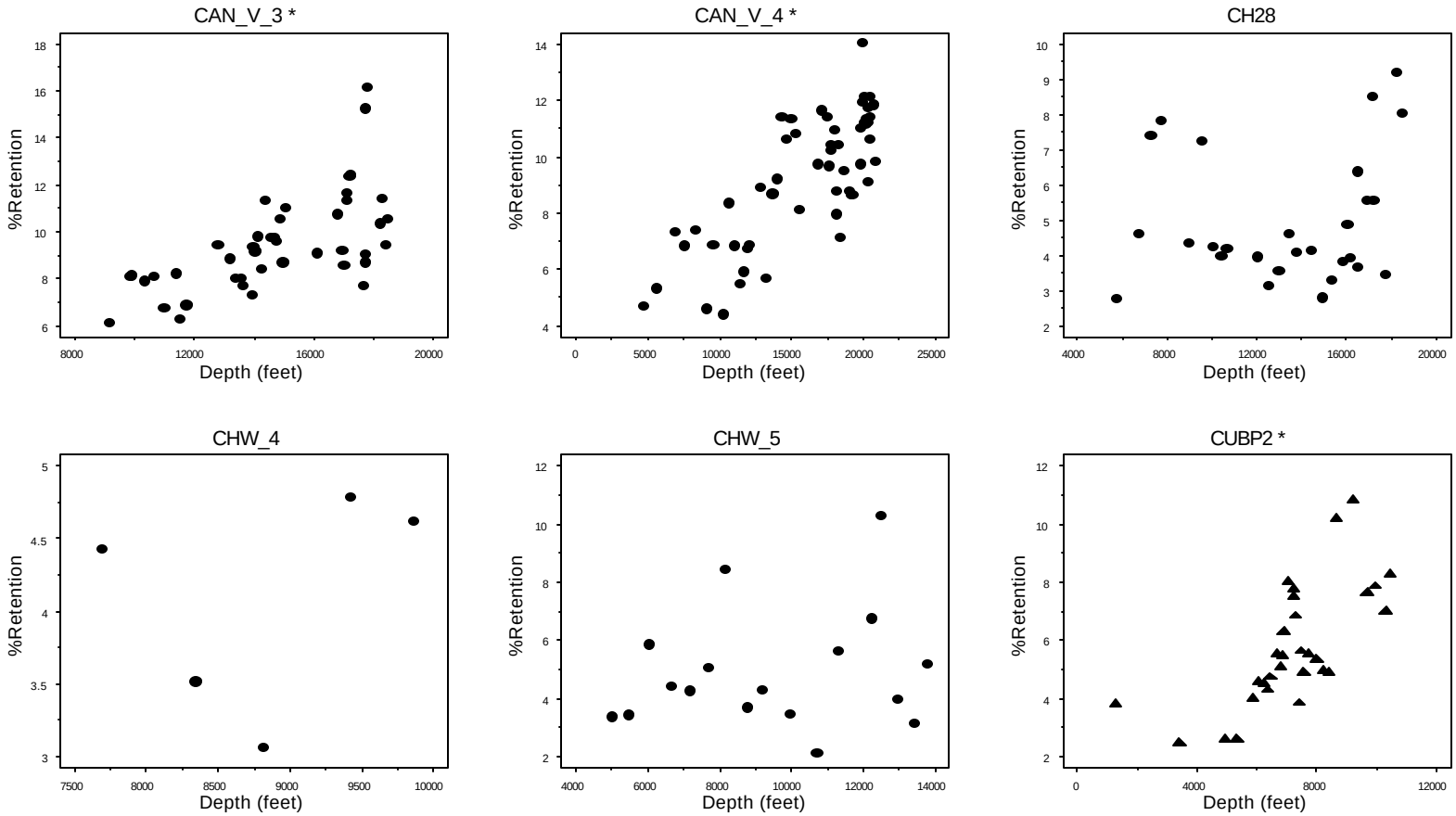
Figure 1. Plot of Percent Retention vs. Depth by Well: Mud 10



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

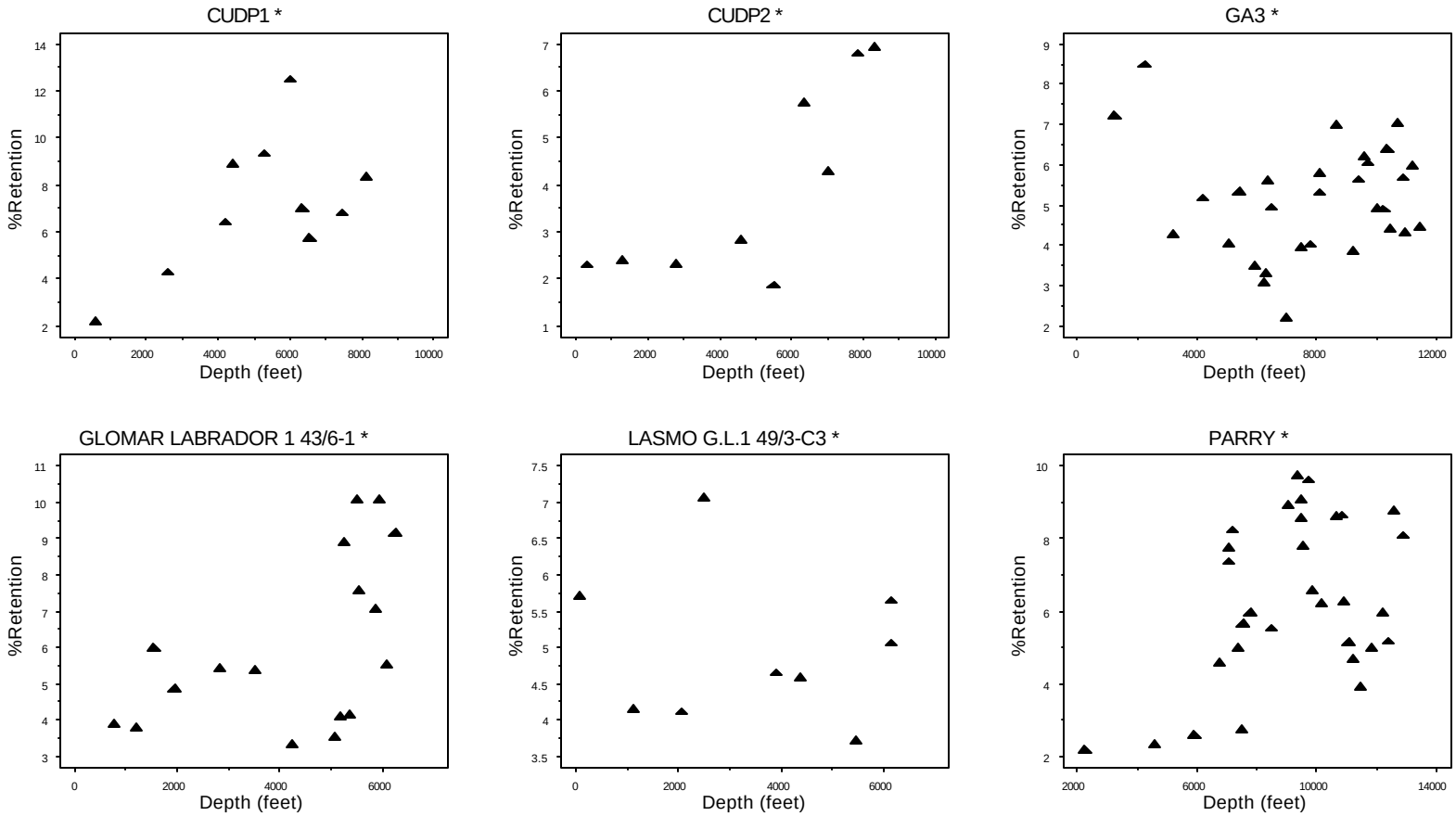
Figure 1. Plot of Percent Retention vs. Depth by Well: Mud 10



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

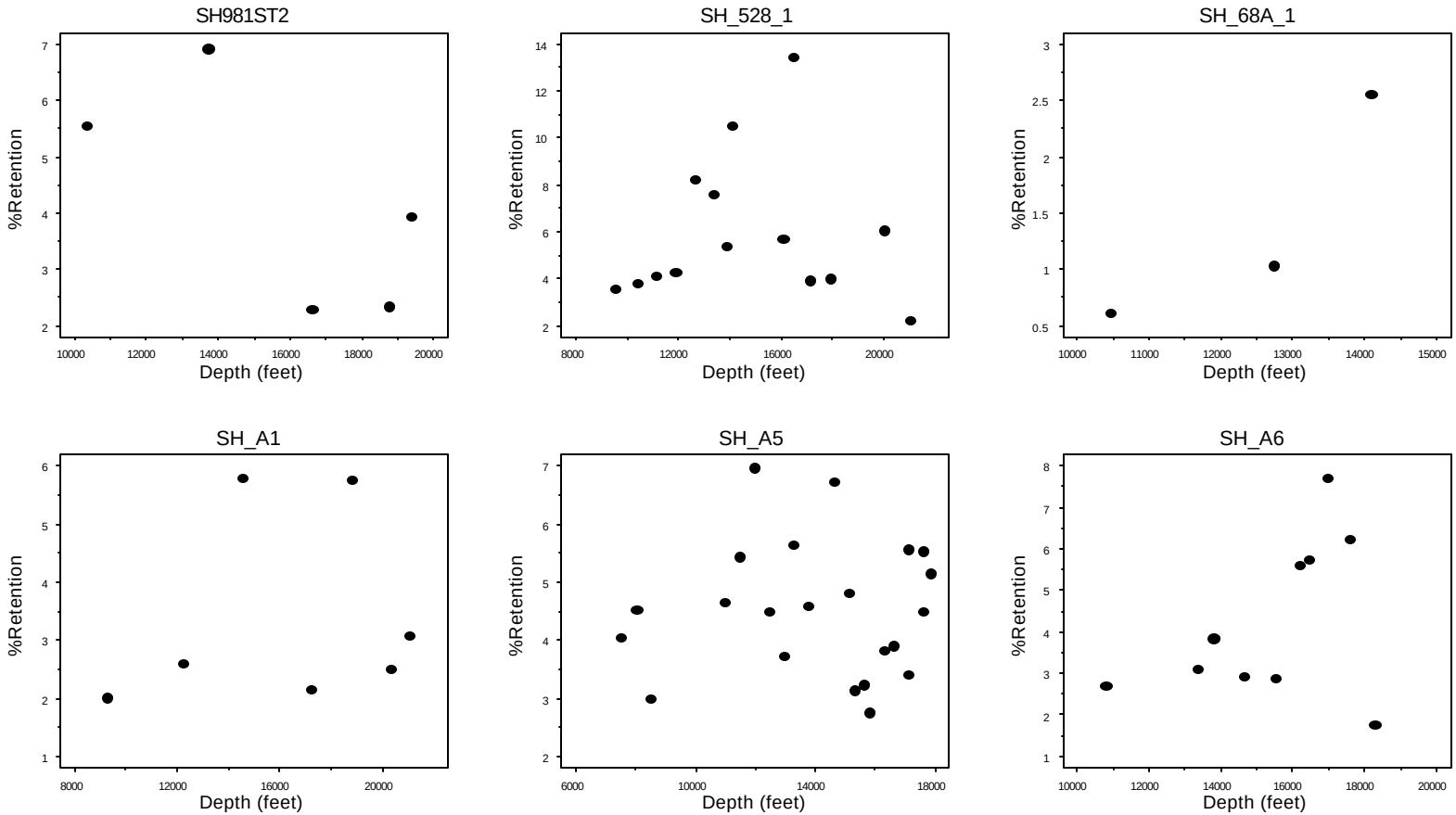
Figure 1. Plot of Percent Retention vs. Depth by Well: Mud 10



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

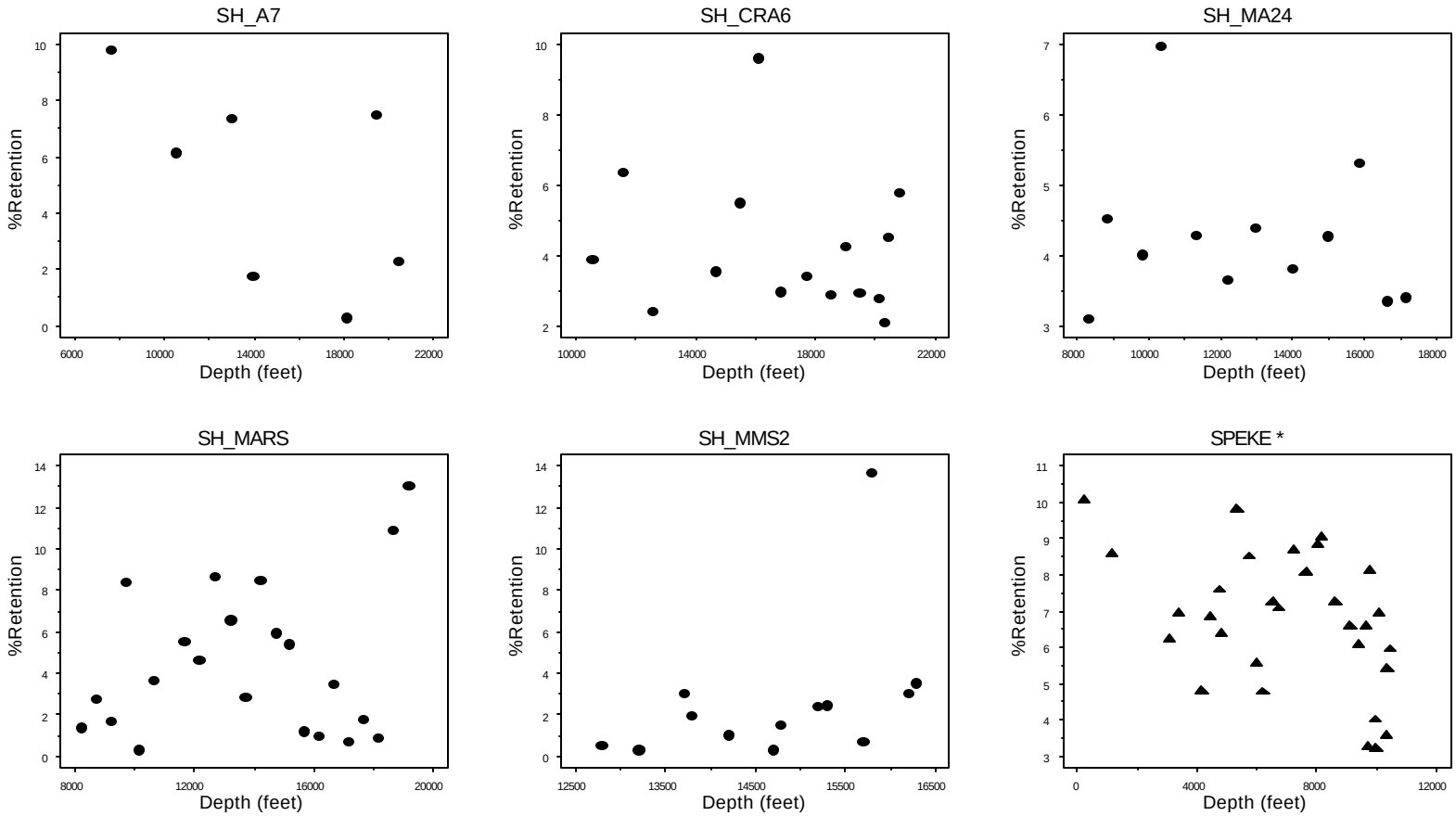
Figure 1. Plot of Percent Retention vs. Depth by Well: Mud 10



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

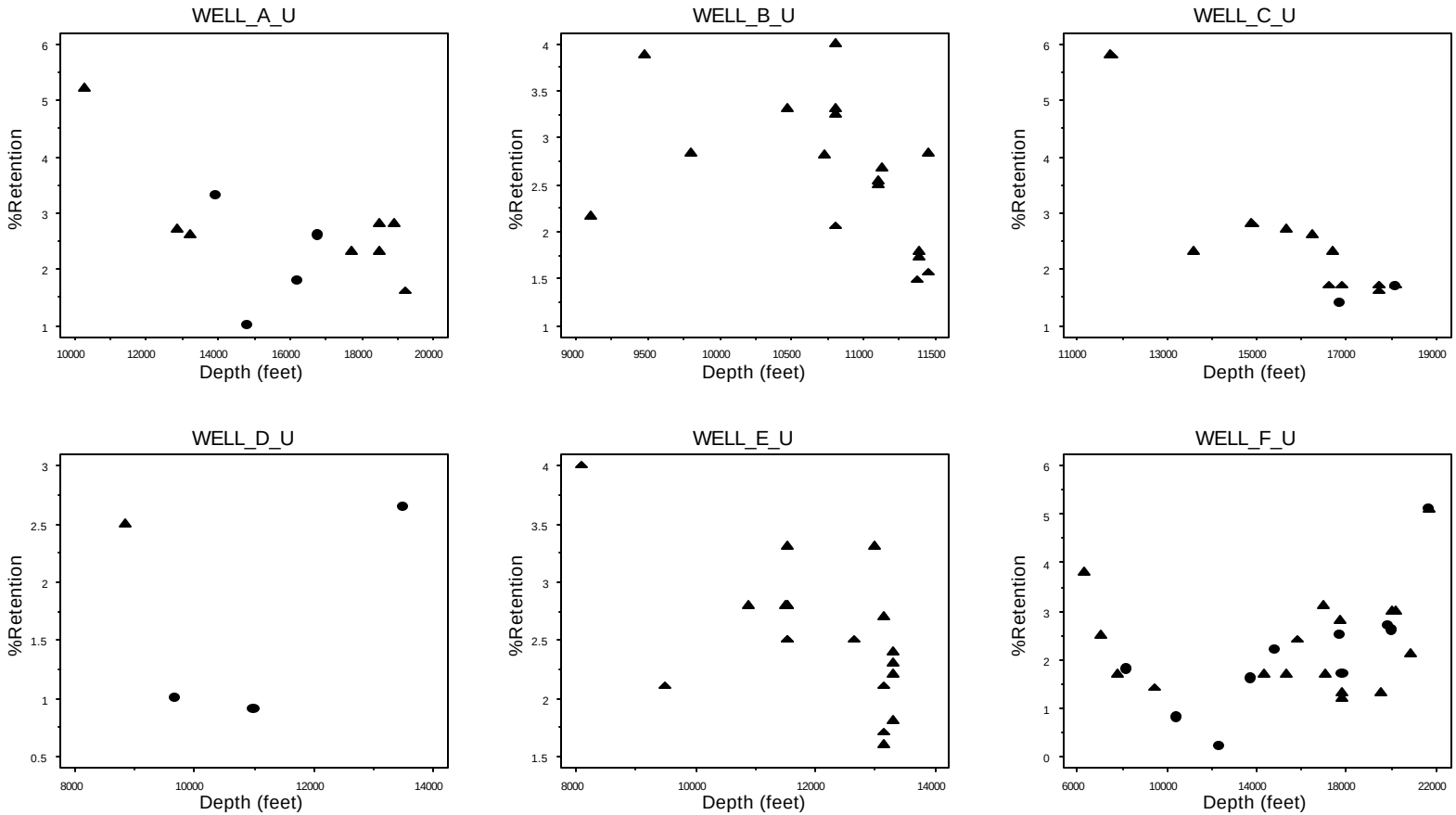
Figure 1. Plot of Percent Retention vs. Depth by Well: Mud 10



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

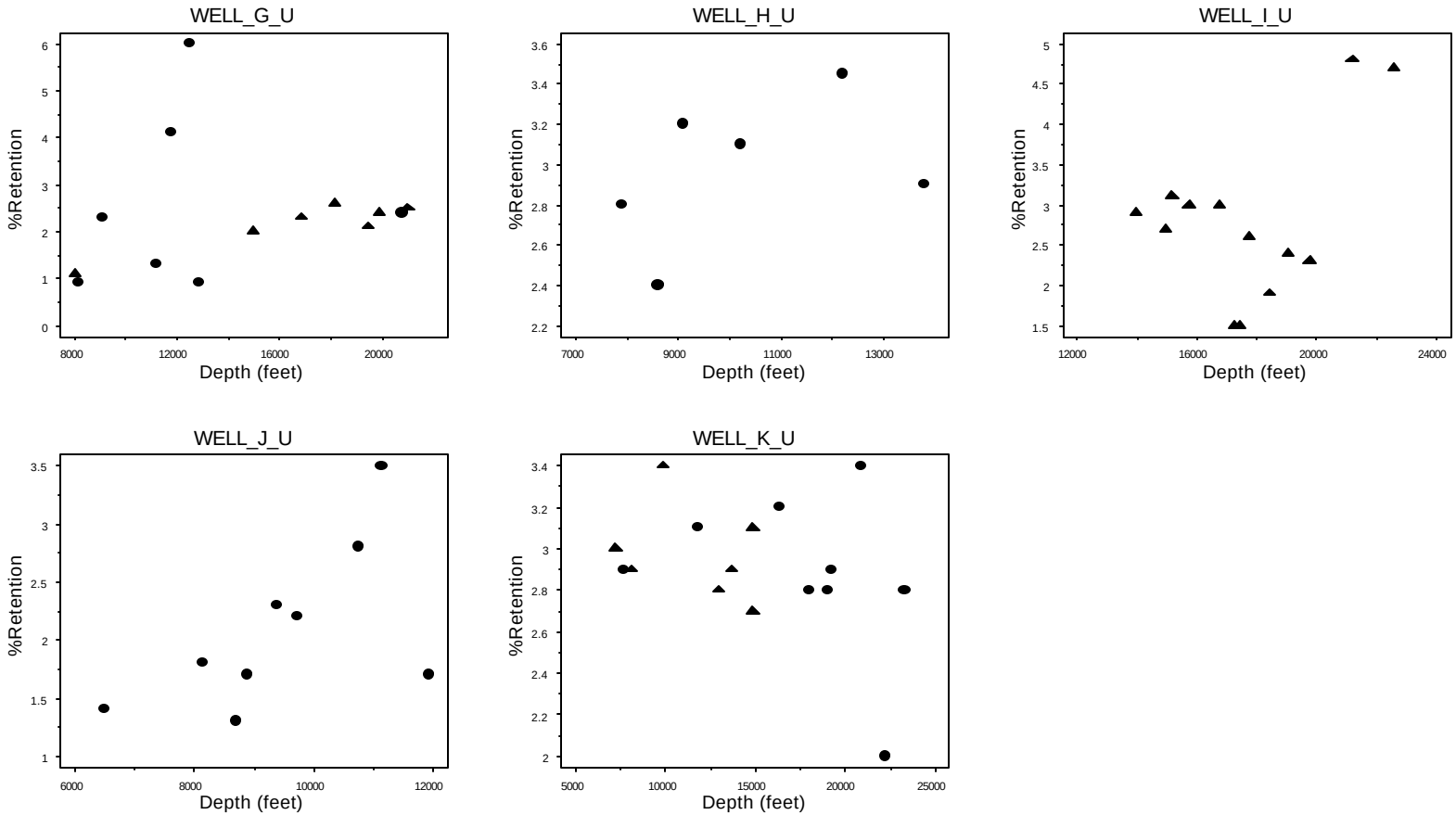
Figure 1. Plot of Percent Retention vs. Depth by Well: Mud 10



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

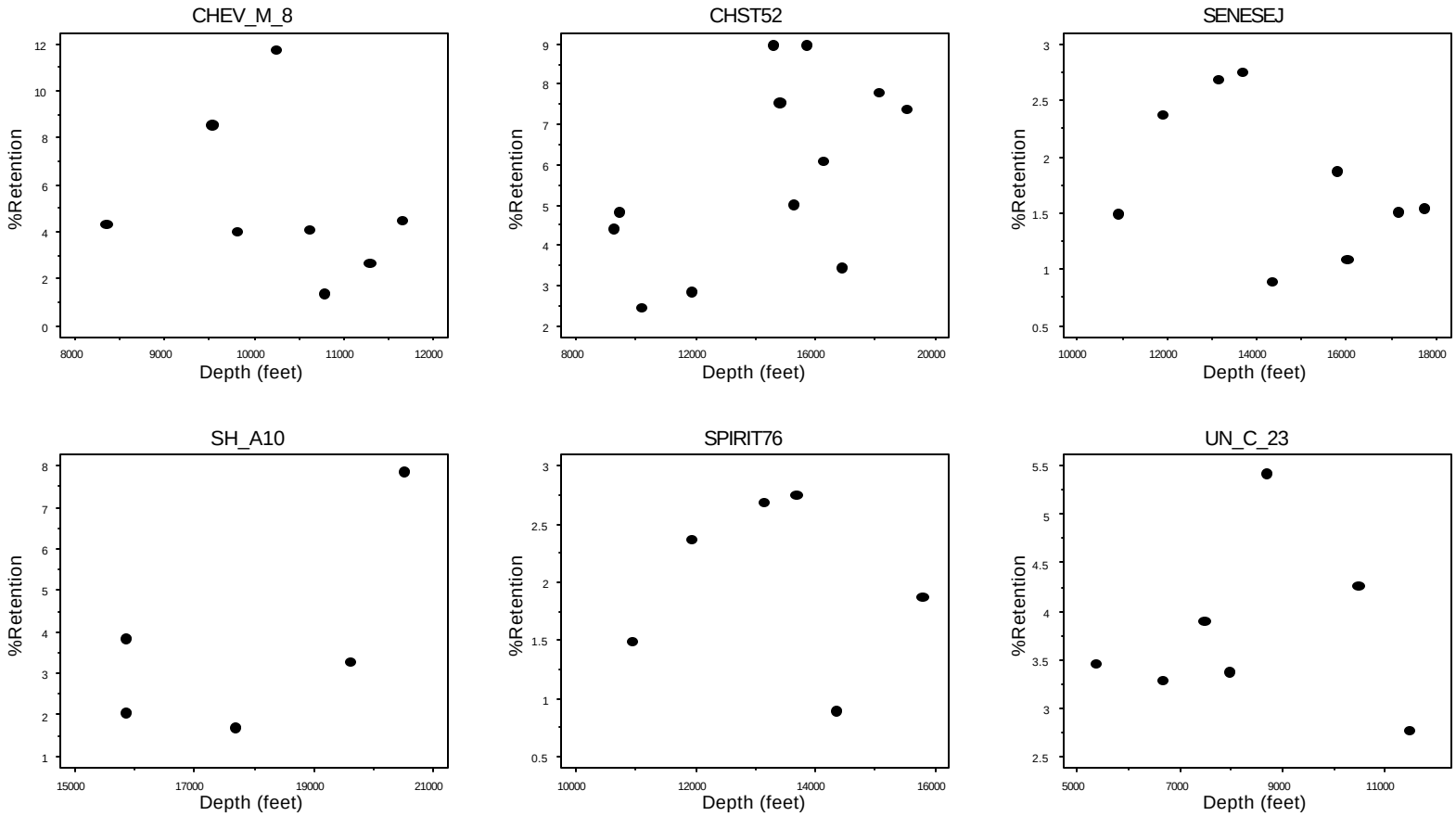
Figure 1. Plot of Percent Retention vs. Depth by Well: Mud 10



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

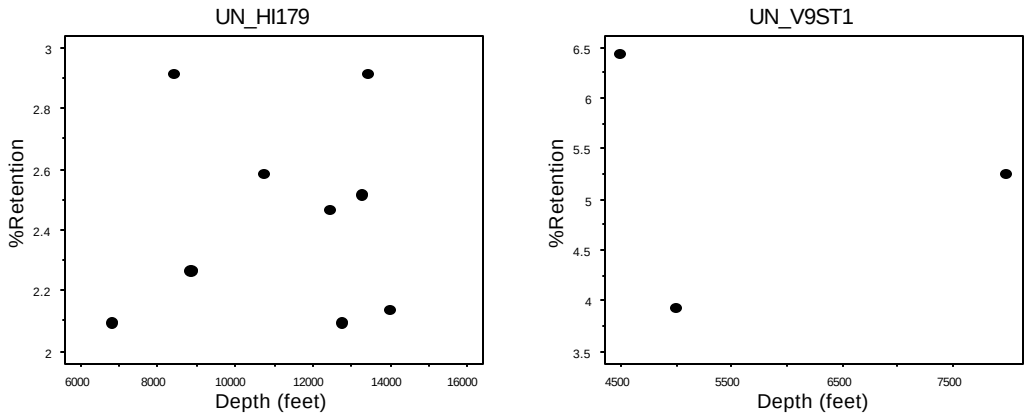
Figure 2. Plot of Percent Retention vs. Depth by Well: Vertical Centrifuge



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

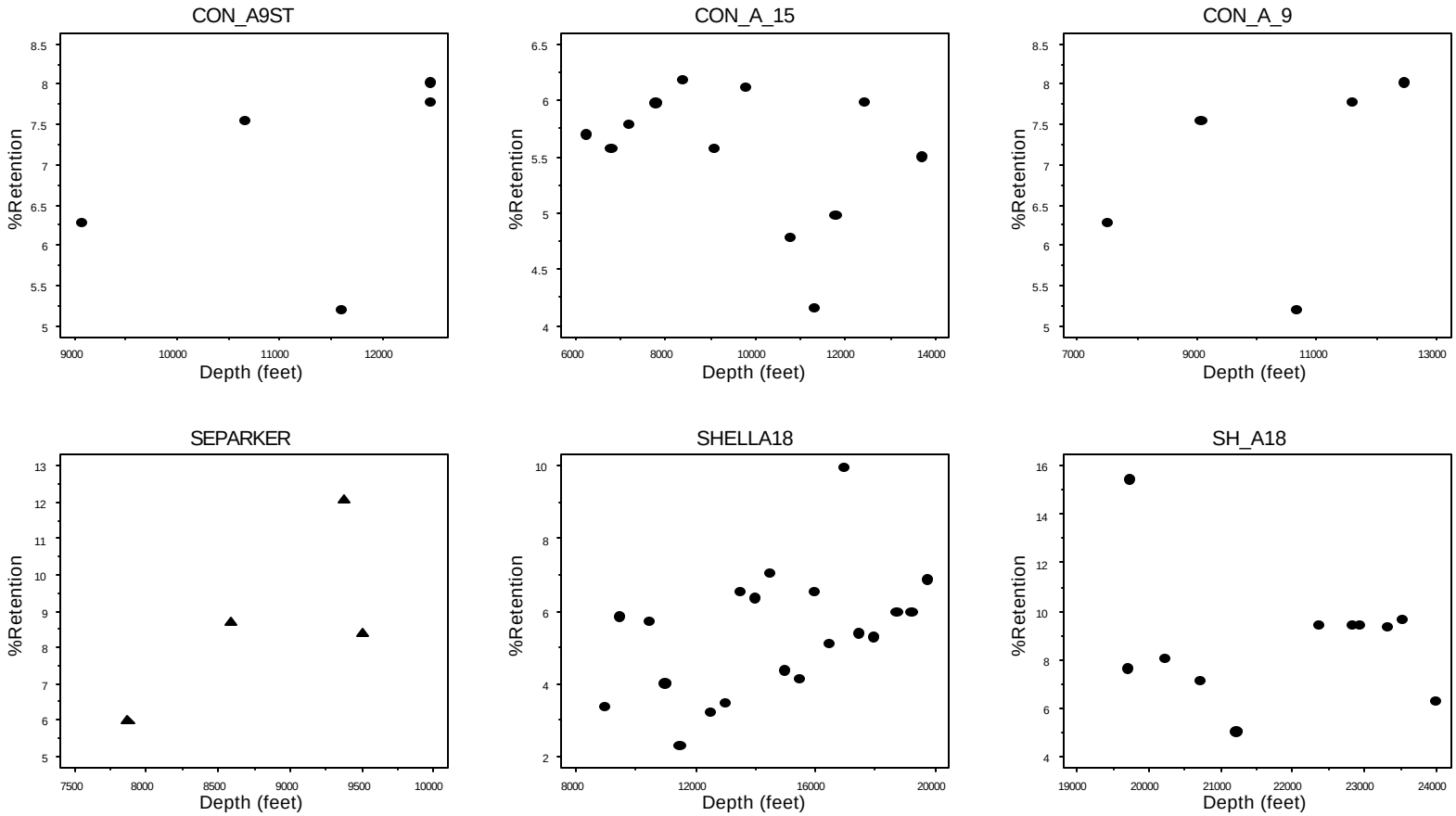
Figure 2. Plot of Percent Retention vs. Depth by Well: Vertical Centrifuge



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

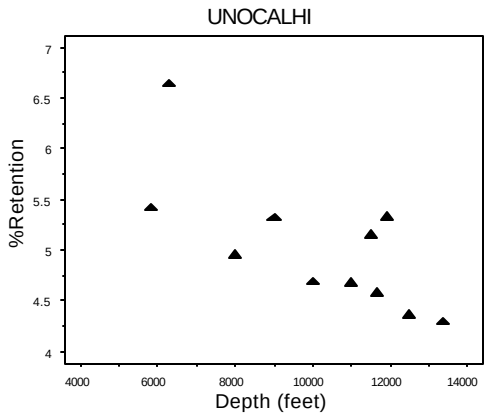
Figure 3. Plot of Percent Retention vs. Depth by Well: Squeeze Press



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

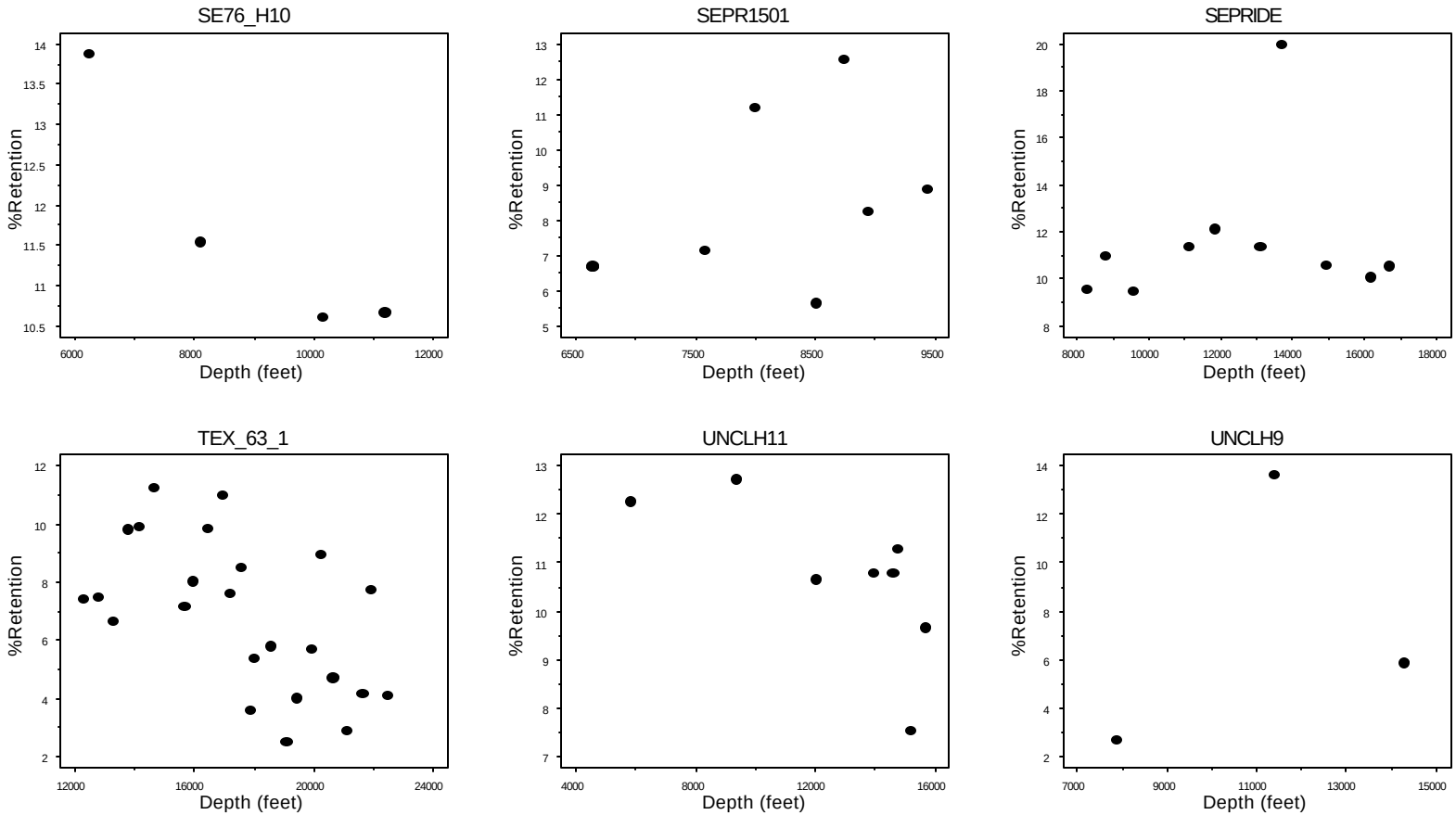
Figure 3. Plot of Percent Retention vs. Depth by Well: Squeeze Press



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

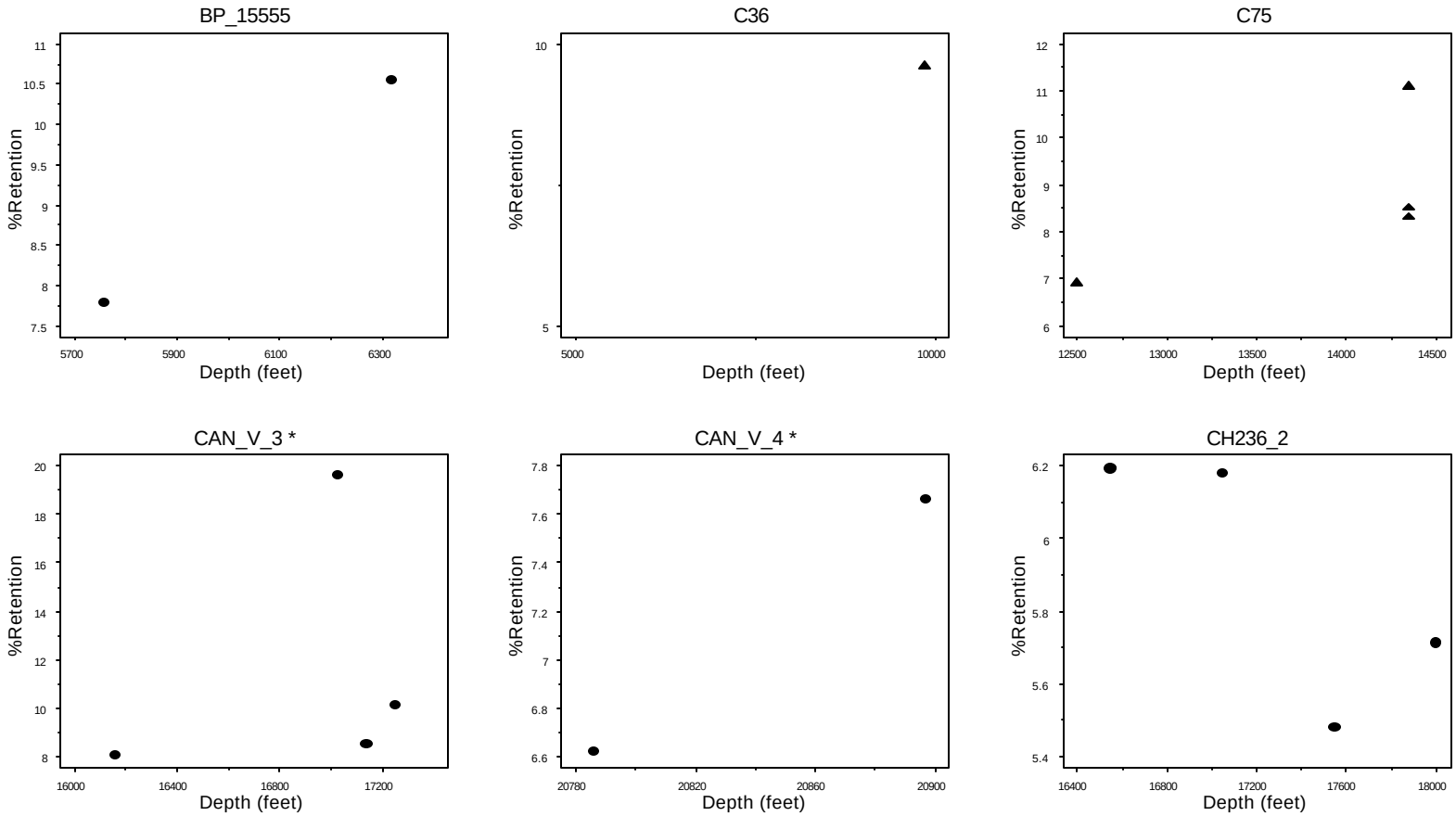
Figure 4. Plot of Percent Retention vs. Depth by Well: High-G Dryer



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

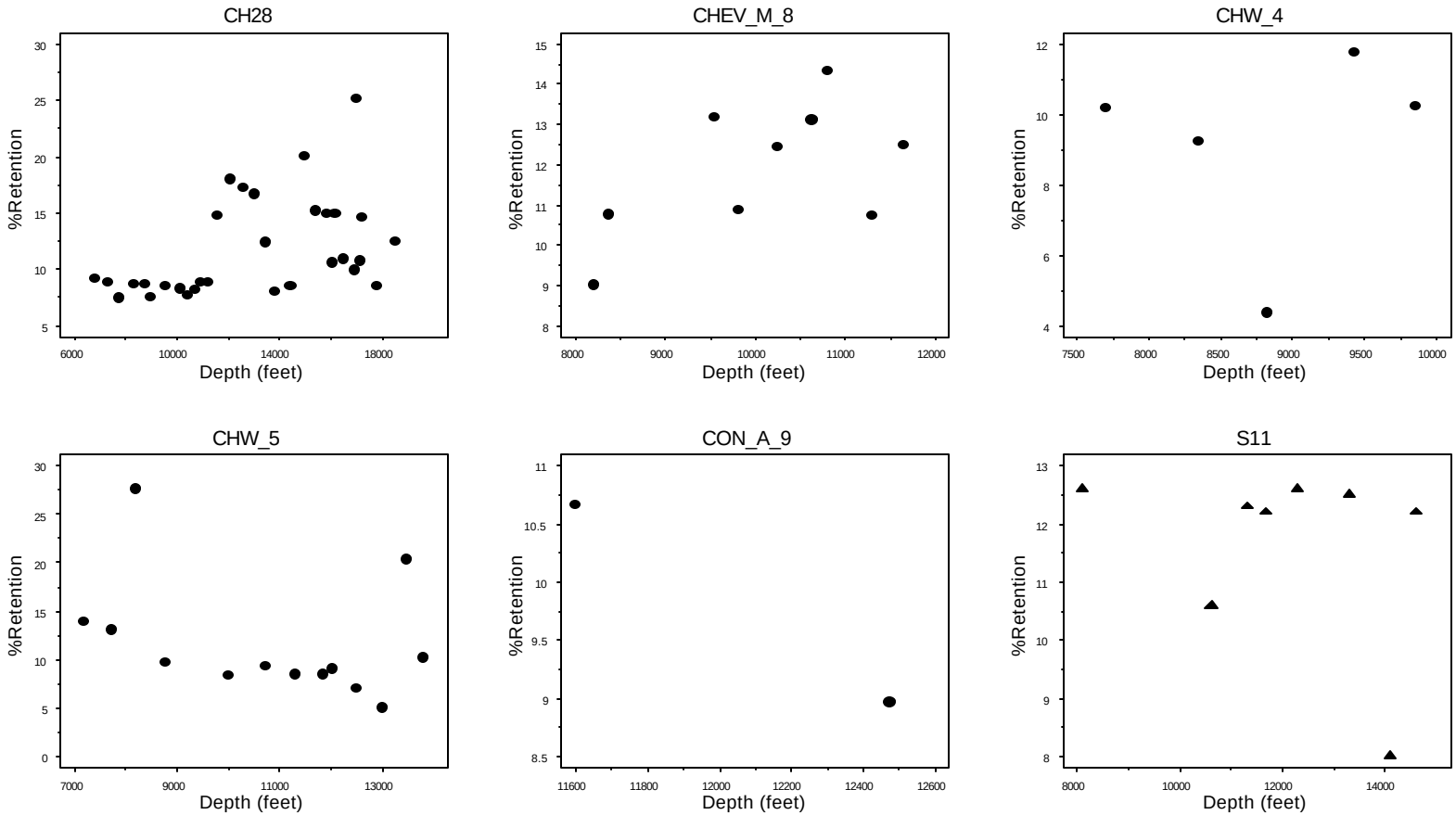
Figure 5. Plot of Percent Retention vs. Depth by Well: Decanting Centrifuge



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

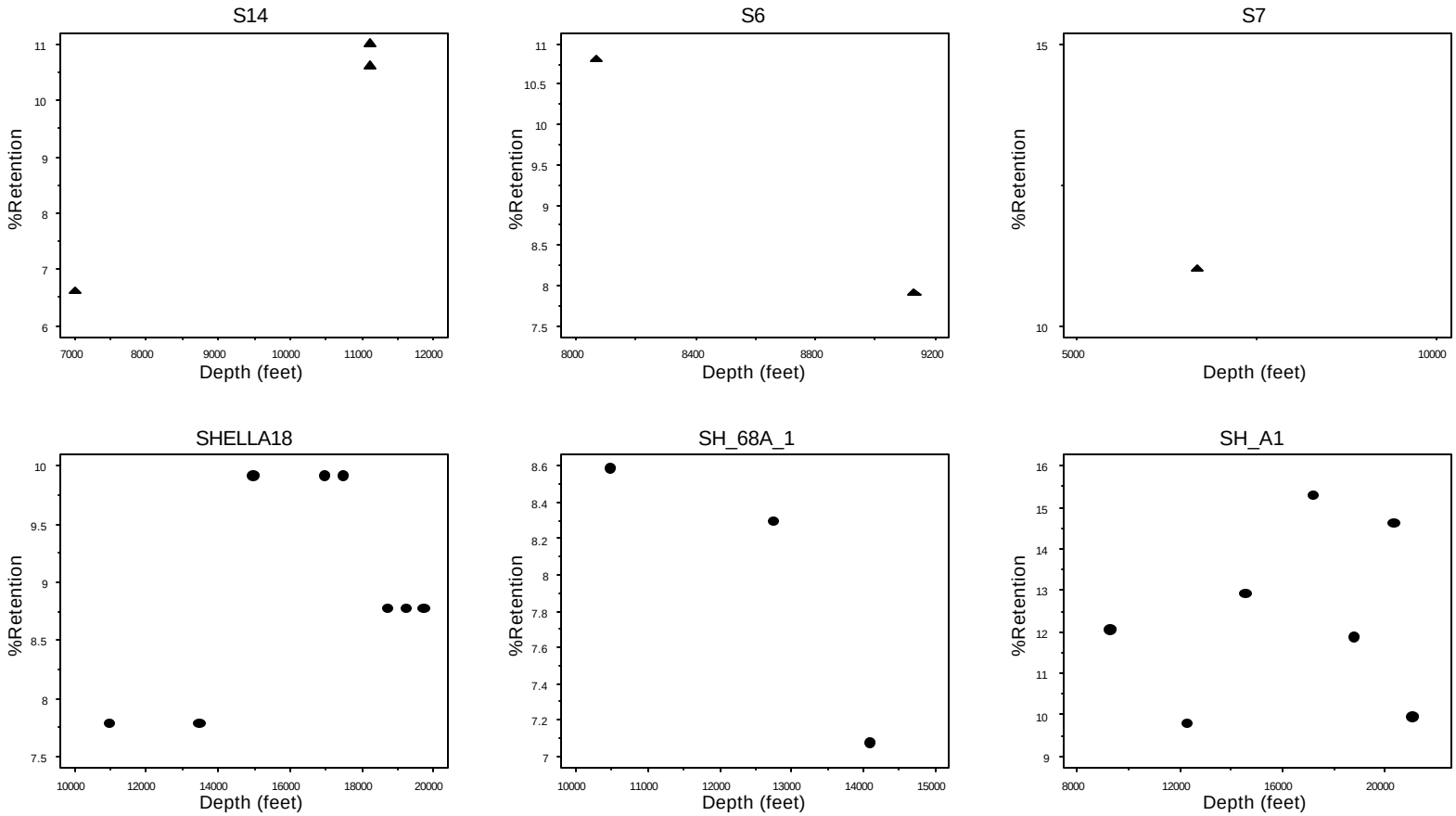
Figure 5. Plot of Percent Retention vs. Depth by Well: Decanting Centrifuge



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

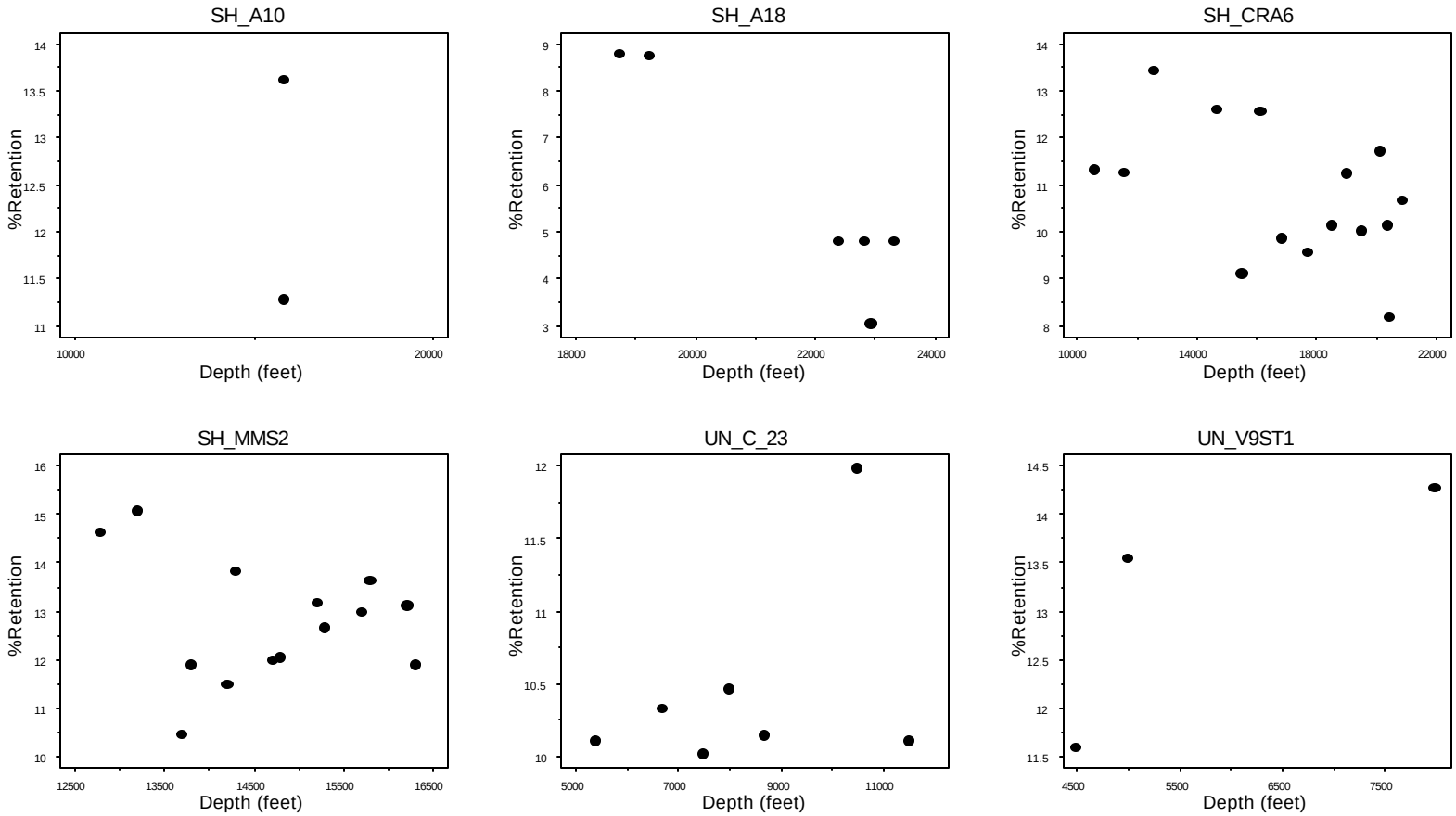
Figure 5. Plot of Percent Retention vs. Depth by Well: Decanting Centrifuge



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

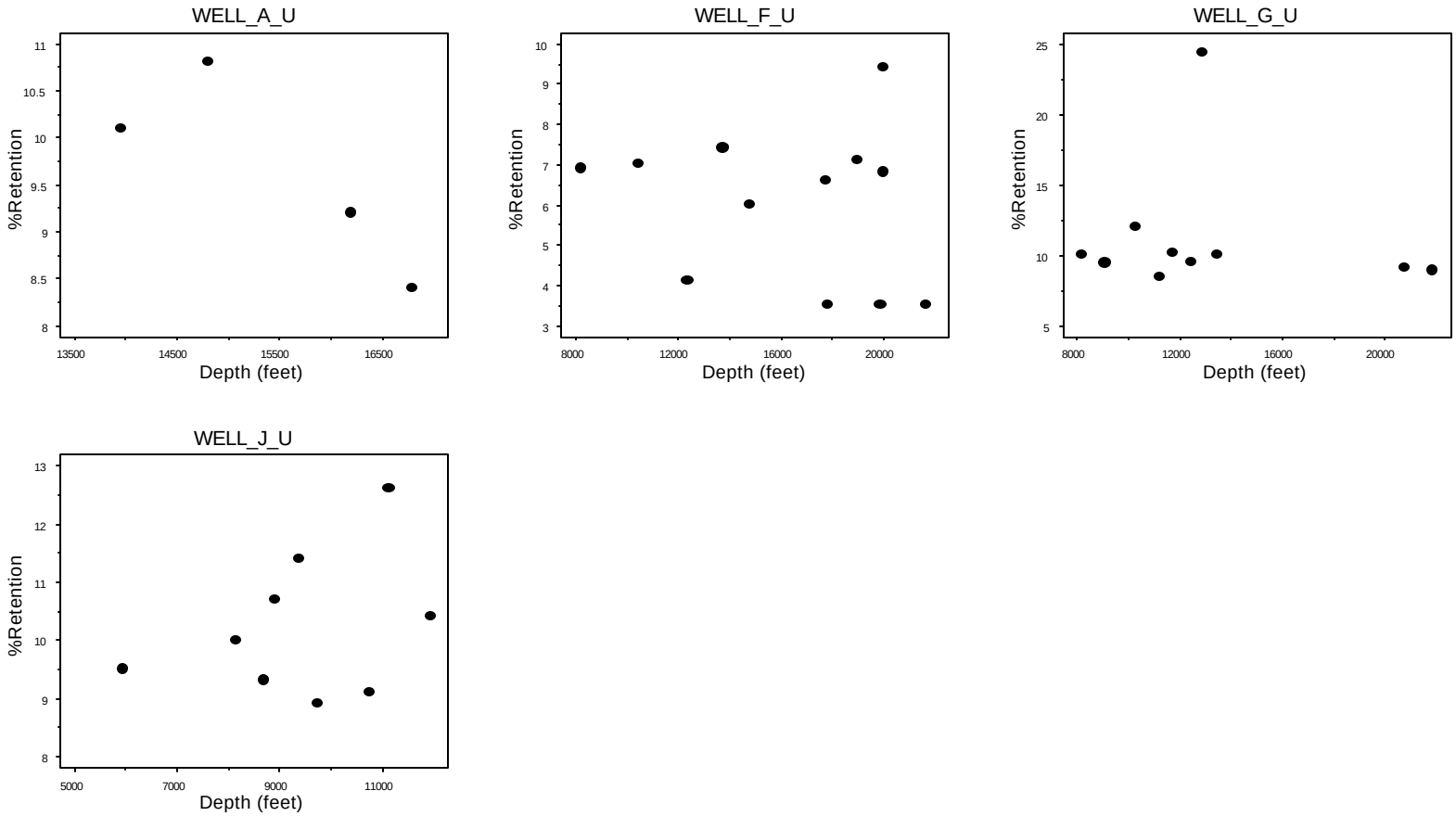
Figure 5. Plot of Percent Retention vs. Depth by Well: Decanting Centrifuge



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

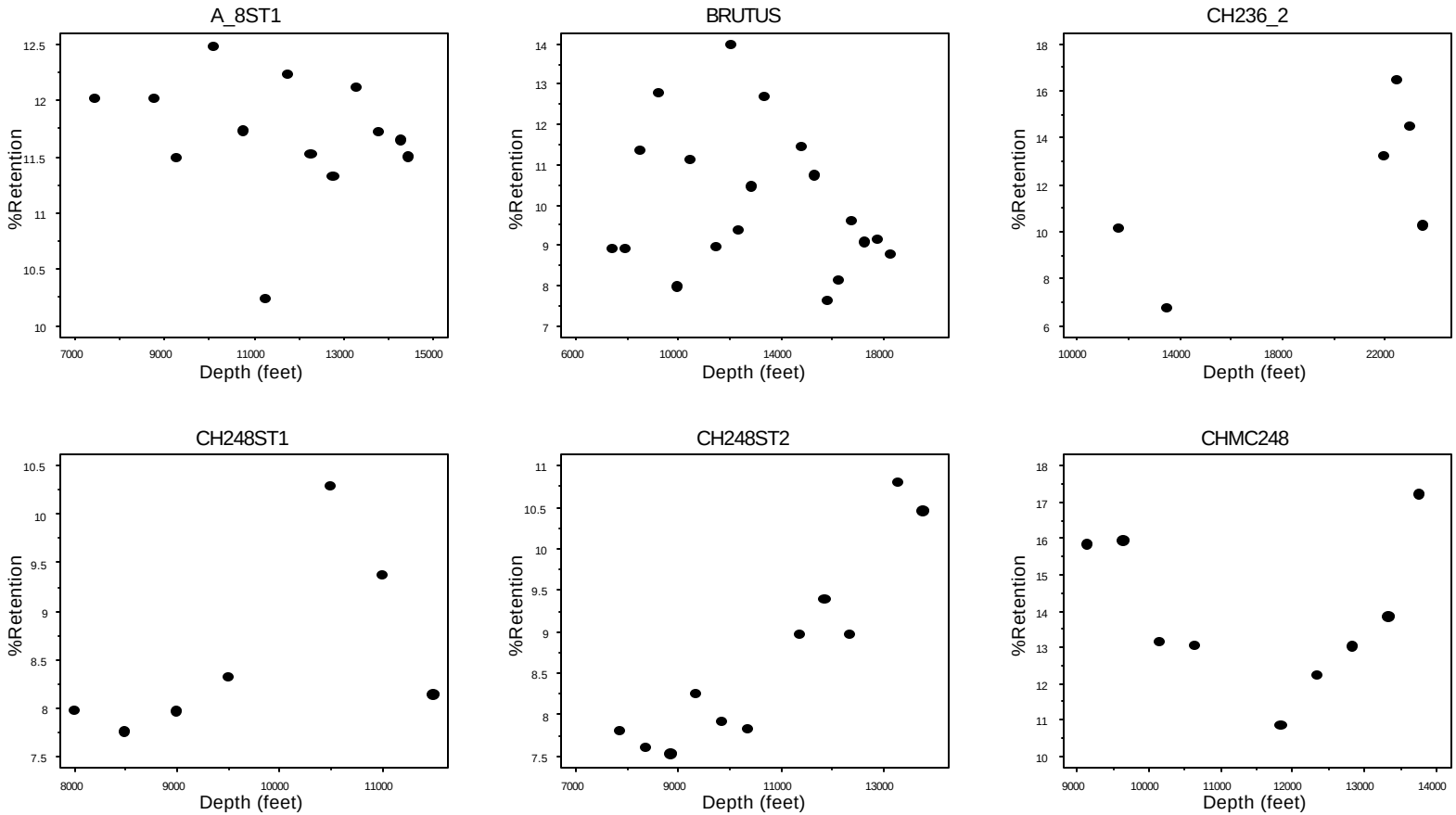
Figure 5. Plot of Percent Retention vs. Depth by Well: Decanting Centrifuge



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

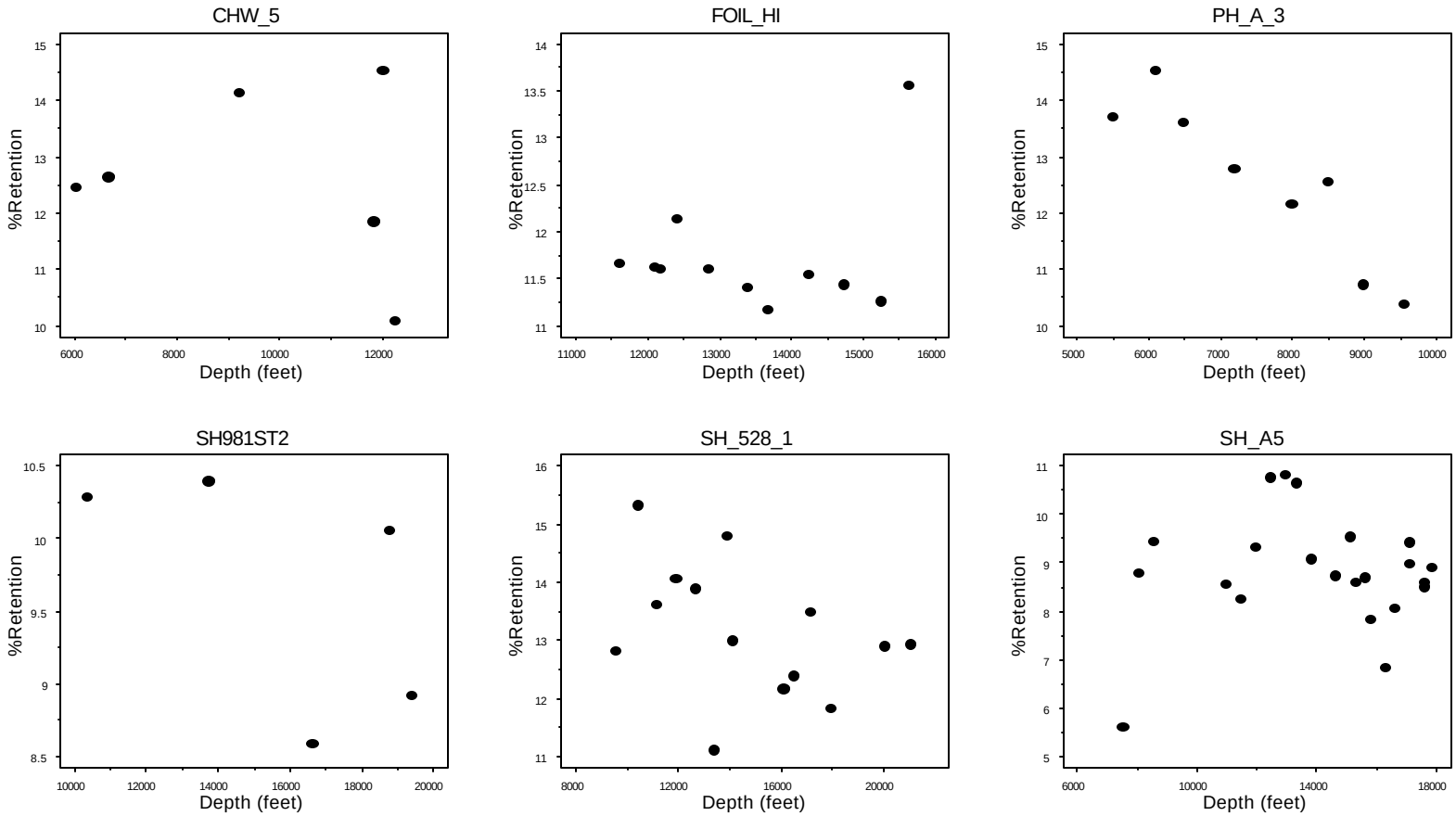
Figure 6. Plot of Percent Retention vs. Depth by Well: Mud Cleaner



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

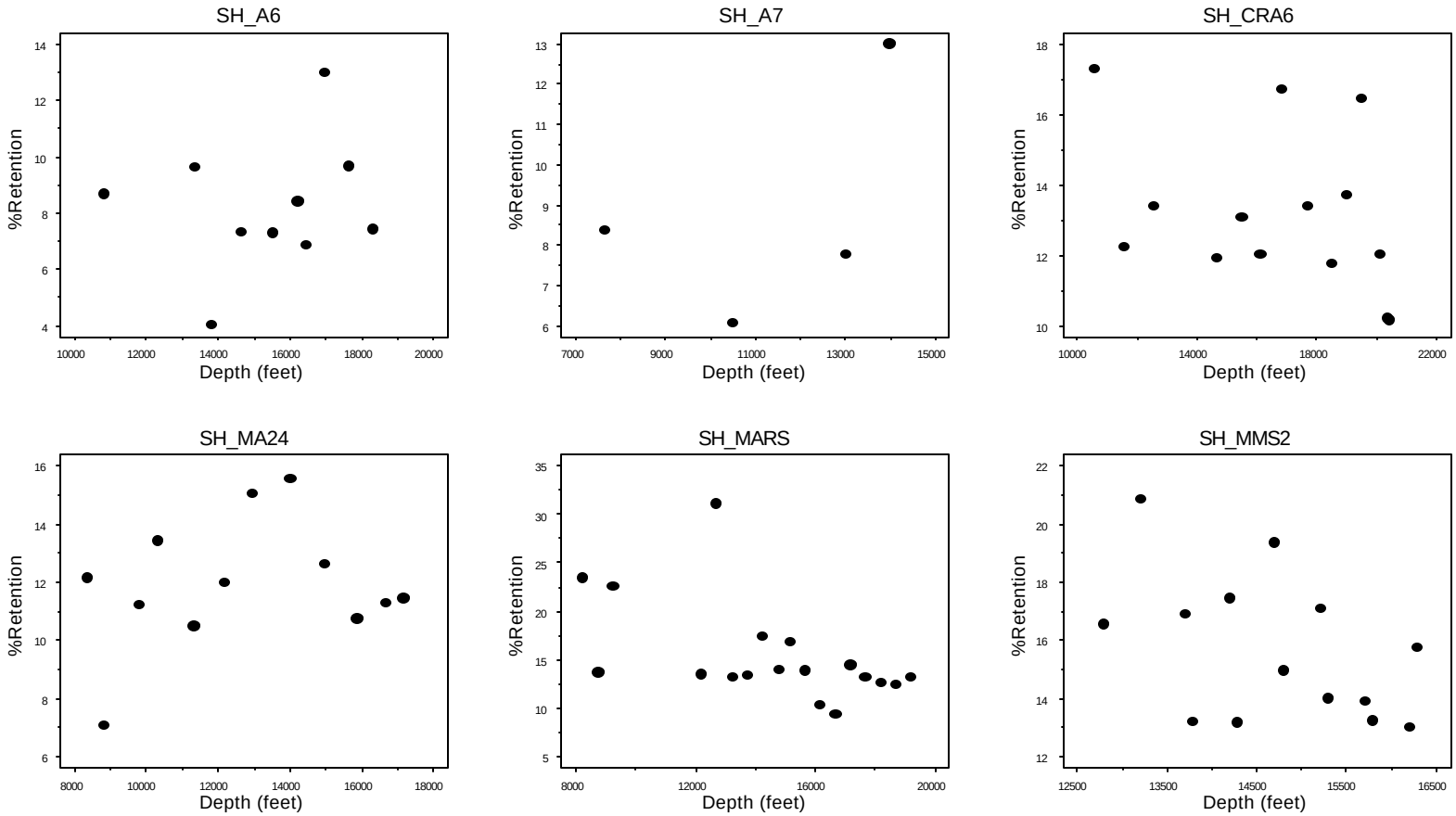
Figure 6. Plot of Percent Retention vs. Depth by Well: Mud Cleaner



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

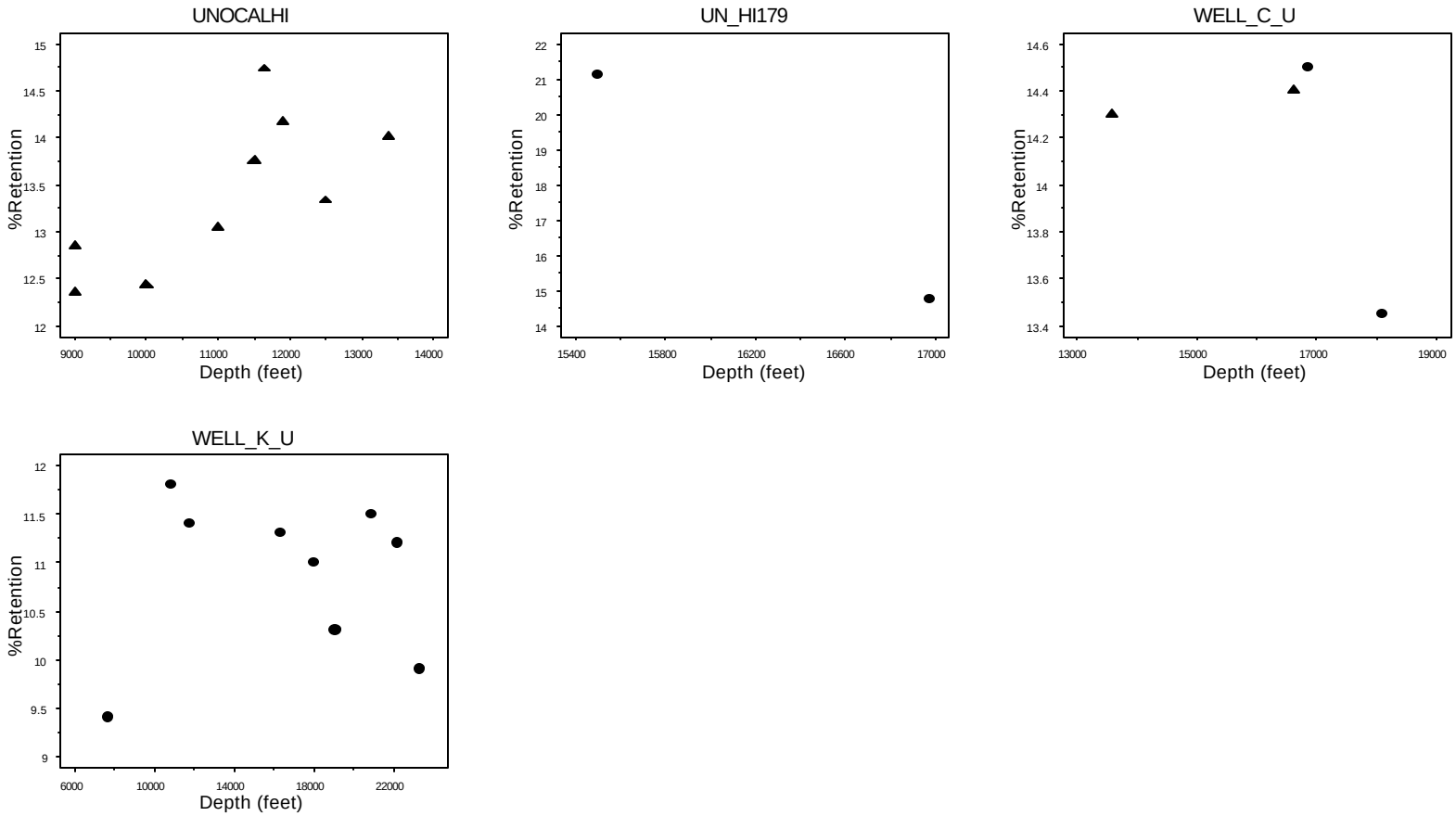
Figure 6. Plot of Percent Retention vs. Depth by Well: Mud Cleaner



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

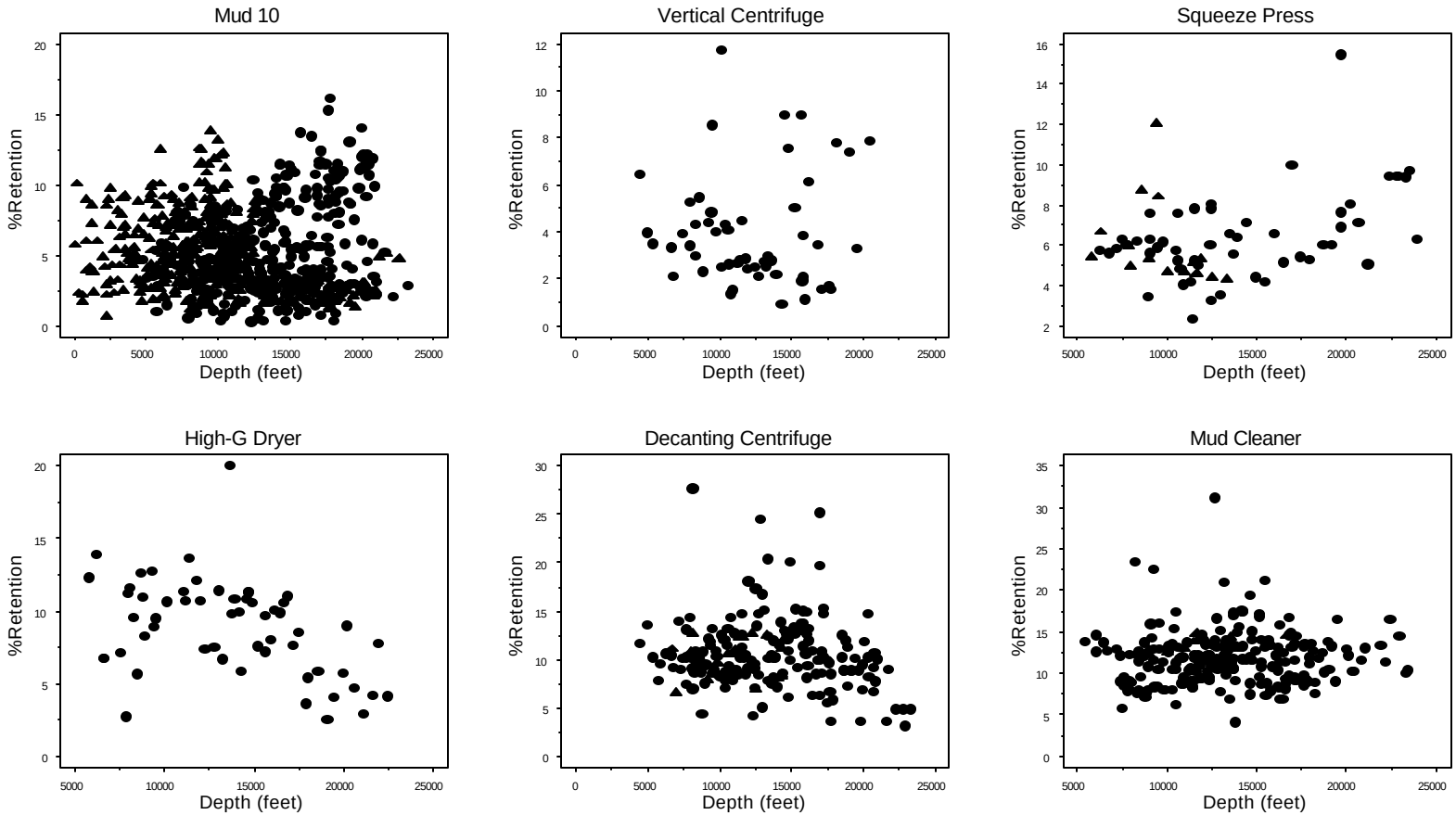
Figure 6. Plot of Percent Retention vs. Depth by Well: Mud Cleaner



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

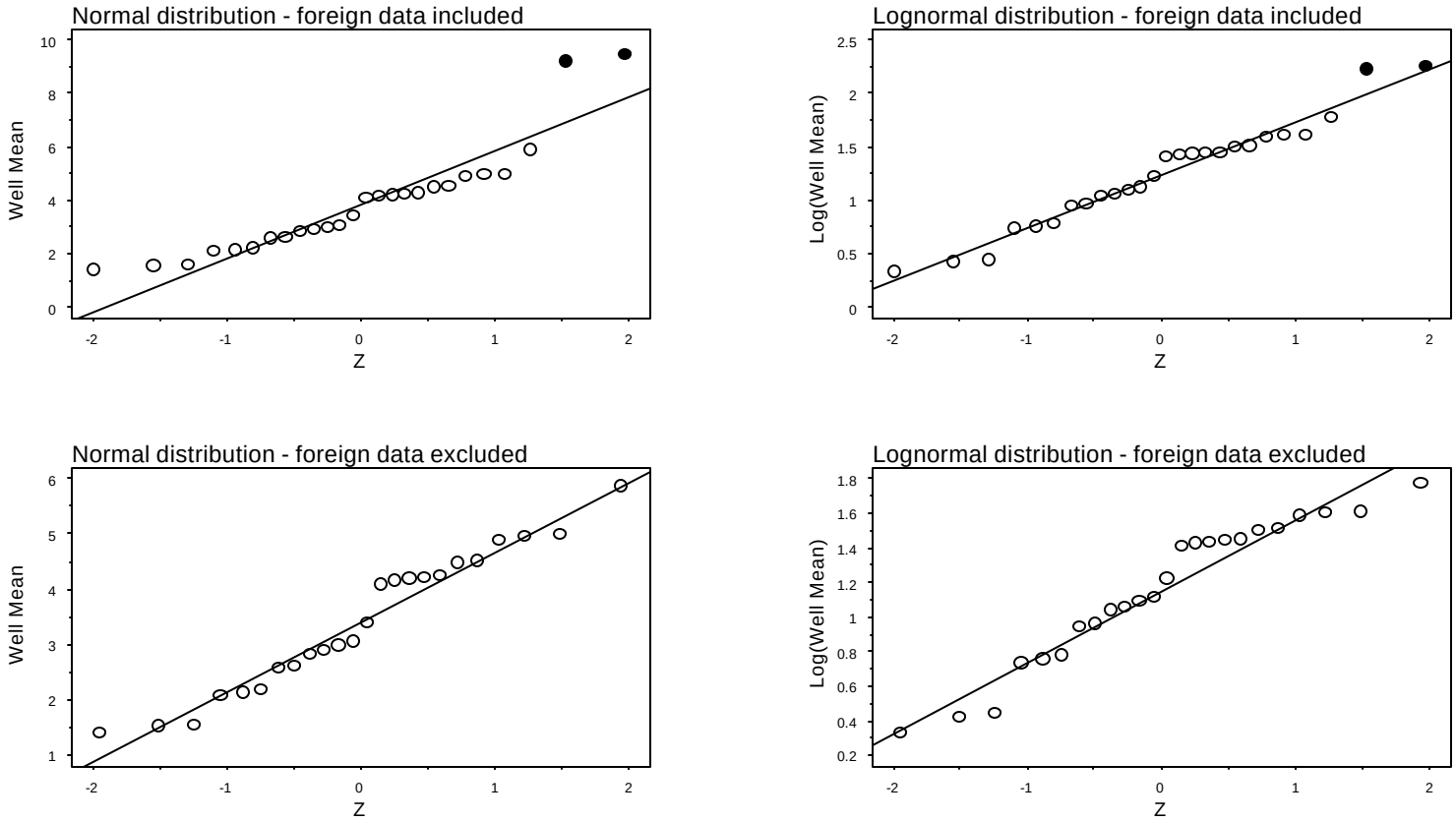
Figure 7. Plot of Percent Retention vs. Depth by Well: Mud Cleaner



Legend: ▲ =data without back-up data.
● =data with back-up data.

Note: Asterisk (*) indicates foreign wells.

Figure 8. Selected Quantile - Quantile Plots
Mud 10

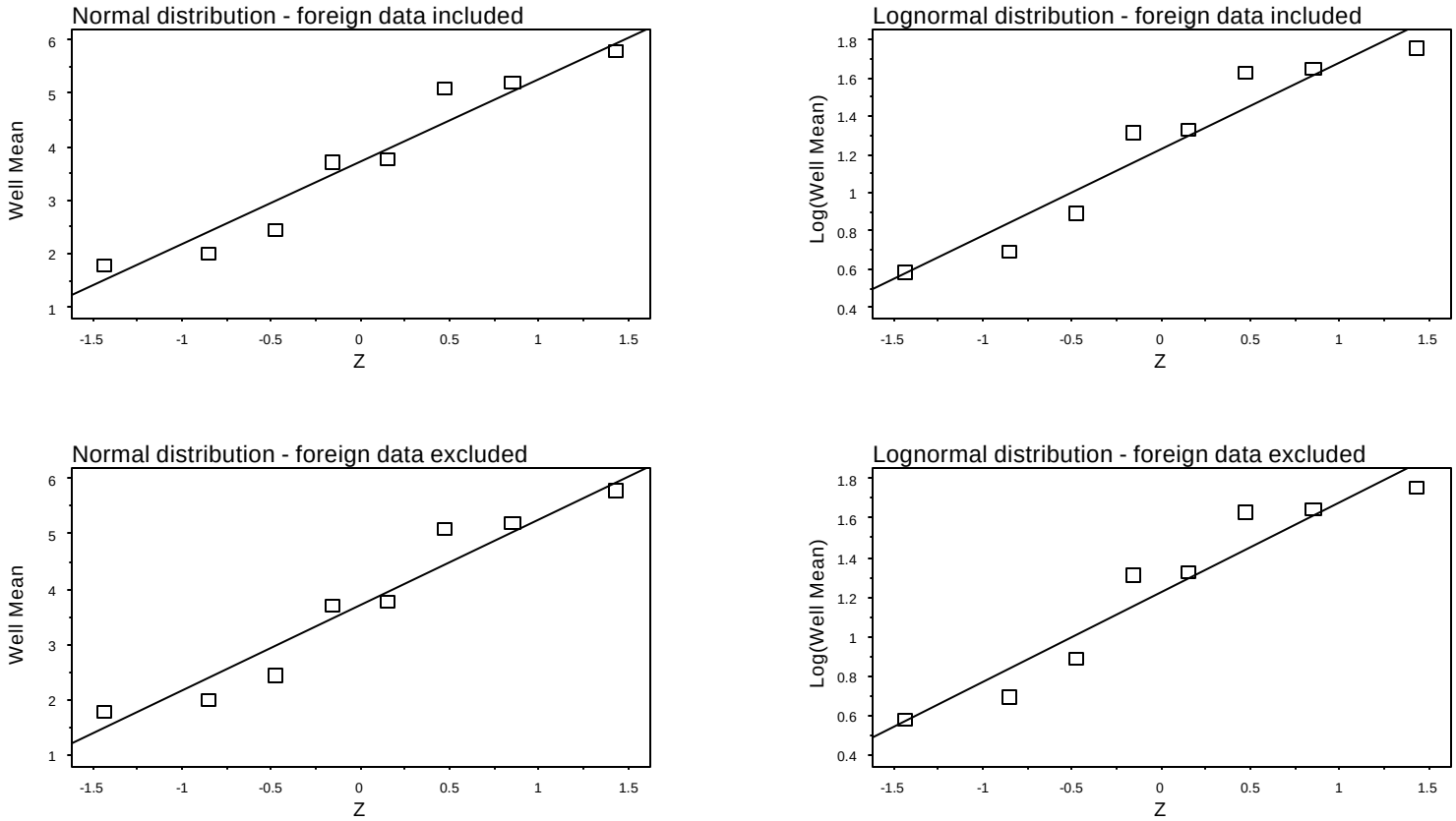


Legend:

	Foreign	Domestic
Mud 10	●	○
Vertical Centrifuge	■	□
Sqeeze Press	▲	△
High-G Dryer	◆	I

Note: data w/o backup data excluded in all cases

Figure 8. Selected Quantile - Quantile Plots
Vertical Centrifuge

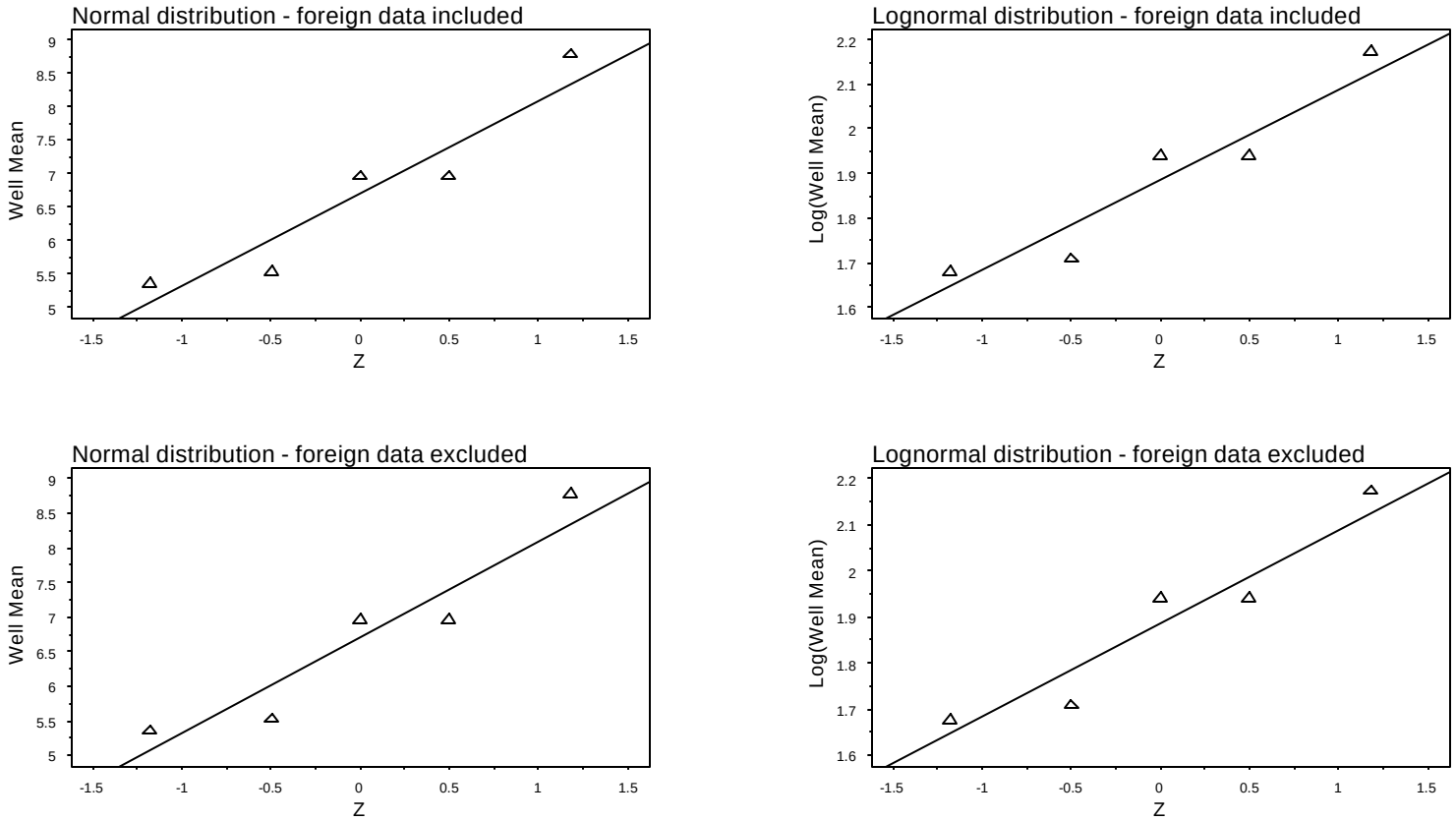


Legend:

	Foreign	Domestic
Mud 10	●	○
Vertical Centrifuge	■	□
Sqeeze Press	▲	△
High-G Dryer	◆	I

Note: data w/o backup data excluded in all cases

Figure 8. Selected Quantile - Quantile Plots
Squeeze Press

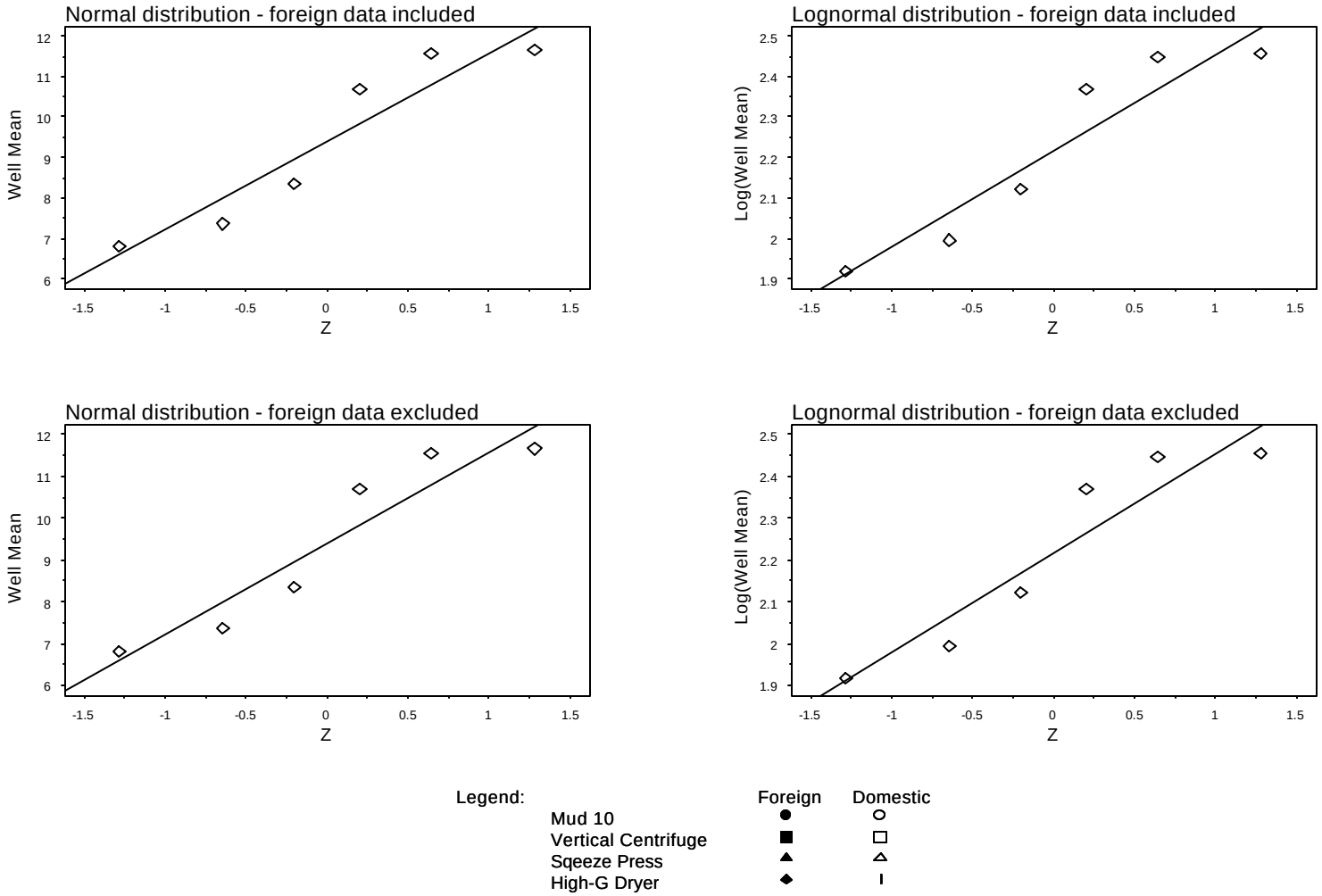


Legend:

	Foreign	Domestic
Mud 10	●	○
Vertical Centrifuge	■	□
Sqeeze Press	▲	△
High-G Dryer	◆	I

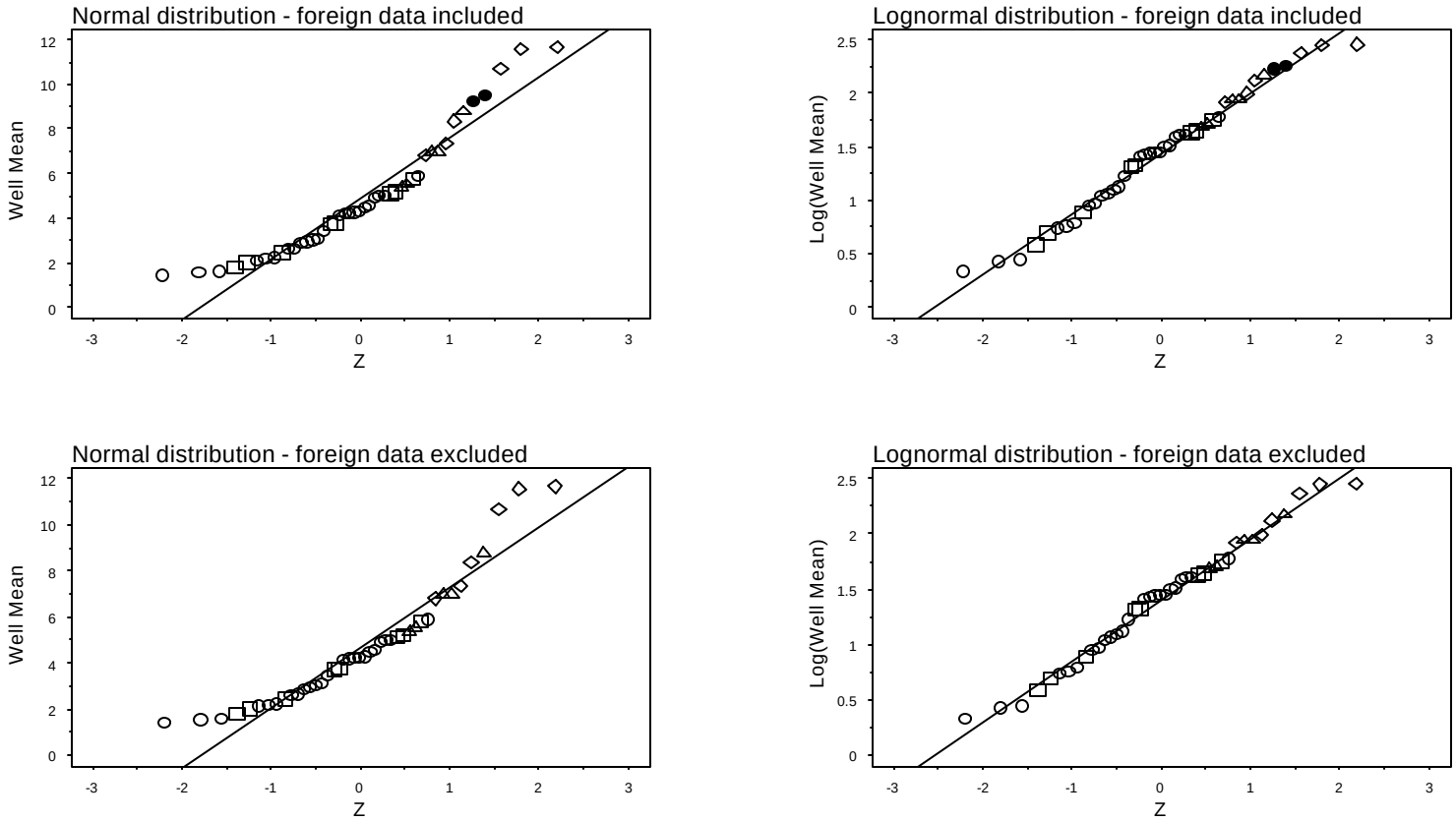
Note: data w/o backup data excluded in all cases

Figure 8. Selected Quantile - Quantile Plots
High-G Dryer



Note: data w/o backup data excluded in all cases

Figure 8. Selected Quantile - Quantile Plots
Cuttings Dryer 1

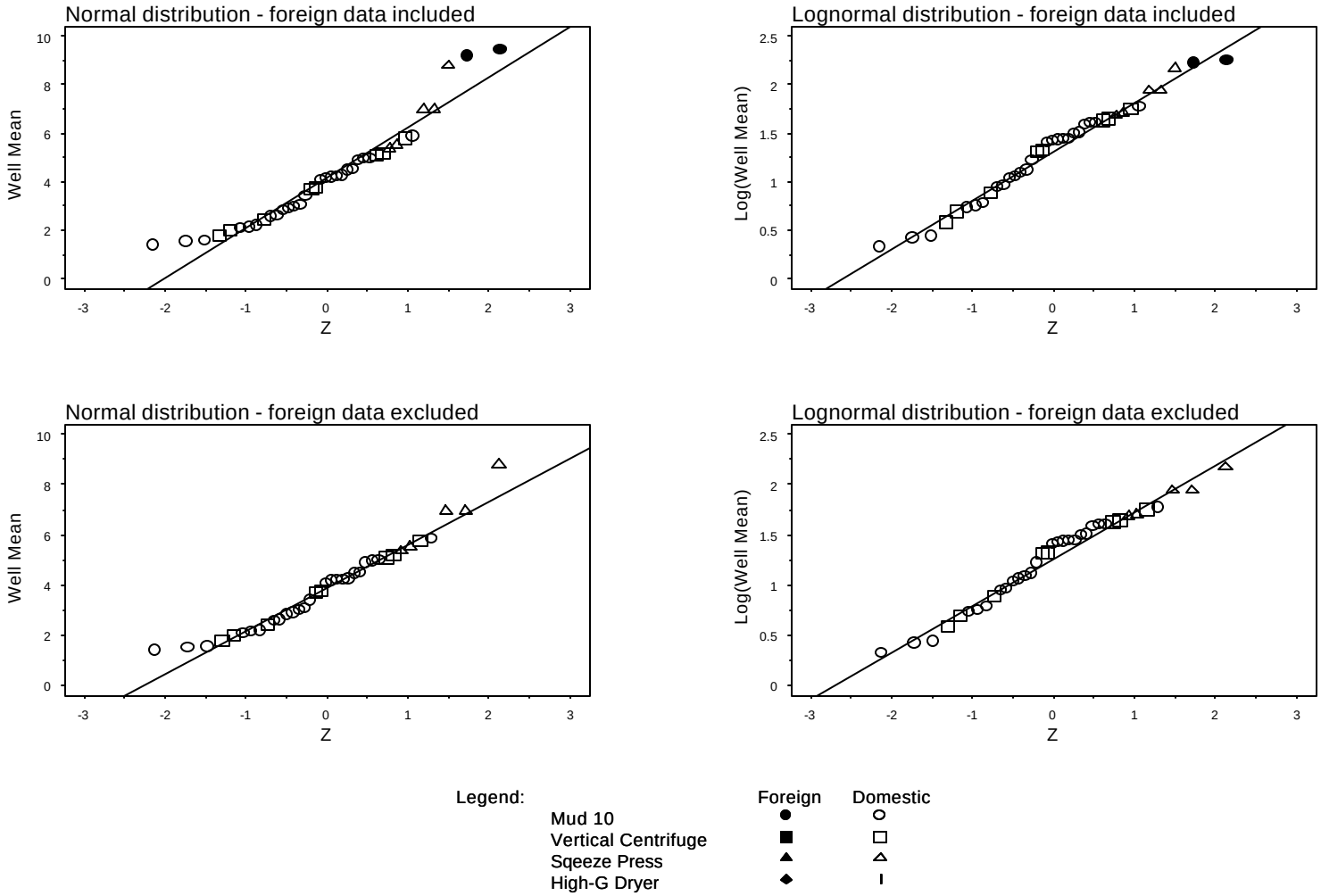


Legend:

	Foreign	Domestic
Mud 10	●	○
Vertical Centrifuge	■	□
Sqeeze Press	▲	△
High-G Dryer	◆	I

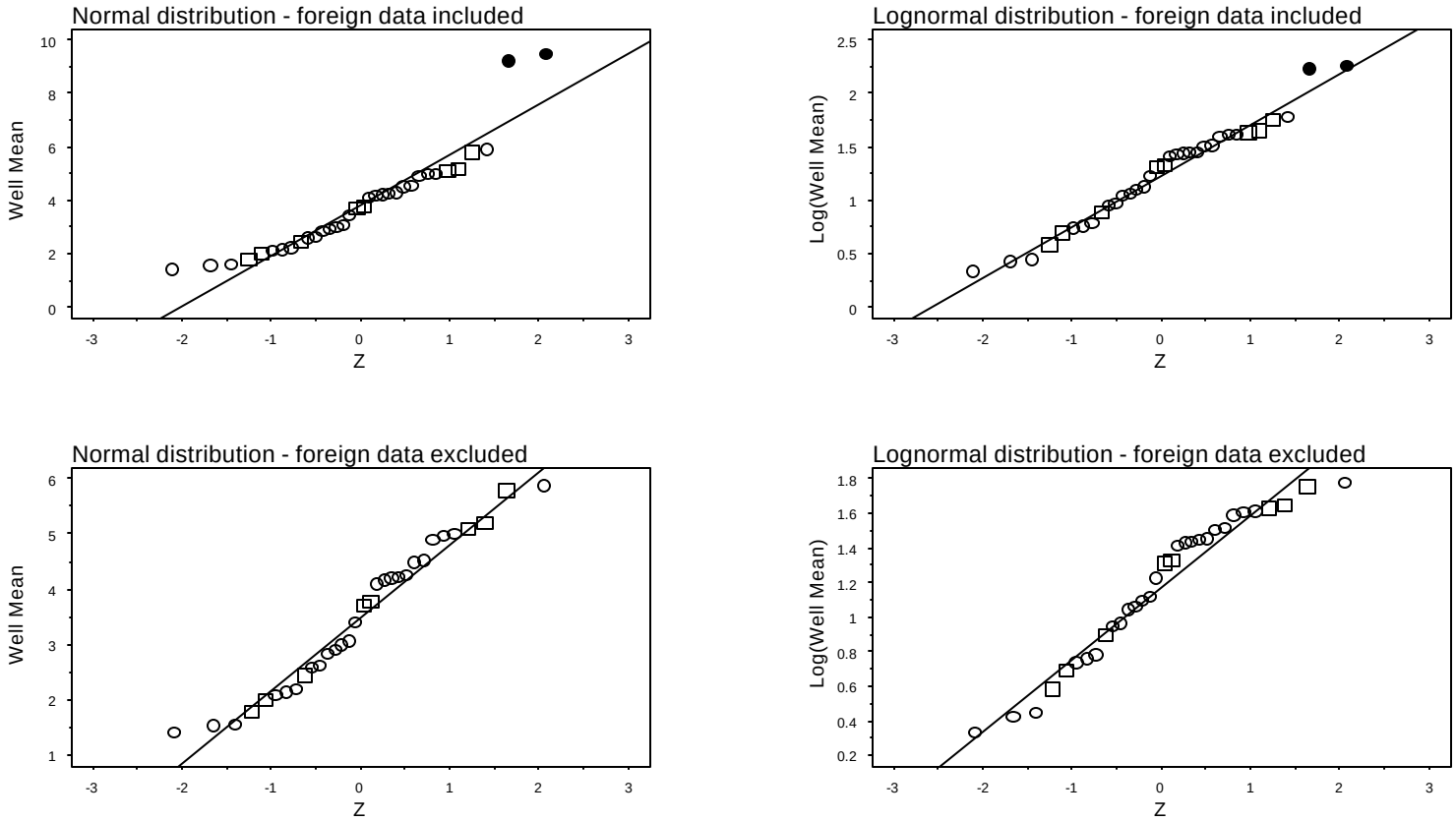
Note: data w/o backup data excluded in all cases

Figure 8. Selected Quantile - Quantile Plots
Cuttings Dryer 2



Note: data w/o backup data excluded in all cases

Figure 8. Selected Quantile - Quantile Plots
Cuttings Dryer 3



Legend:

	Foreign	Domestic
Mud 10	●	○
Vertical Centrifuge	■	□
Sqeeze Press	▲	△
High-G Dryer	◆	I

Note: data w/o backup data excluded in all cases