



# **Produced Gas Isotope and Compositional Analyses**

**Crestone Peak Resources Produced Gases  
Colorado**

**Crestone Peak Resources**

March 27, 2019



PRODUCED GAS ISOTOPE ANALYSIS

Crestone Peak Resources			Crestone Peak Resources Produced Gases, Colorado											
Mathews 4F-14H - Intermediate CSG	431882	12/12/2018	1:50 AM			-44.8	-33.5	-29.5	-32.2	-29.0			-301	-16.1
Mathews 4F-14H - Production CSG	431882	12/12/2018	1:45 AM			-51.3	-33.9	-29.7	-31.8	-29.7			-268	-9.2
Mathews 4G-14H - Intermediate CSG	431879	12/12/2018	1:35 AM			-45.3	-32.0	-30.5	-31.1	-29.6			-261	
Mathews 4G-14H - Production CSG	431879	12/12/2018	1:40 AM			-52.0	-34.2	-30.4	-31.0	-29.9			-263	-11.3
Melbon Ranch 13-17 - Production CSG	426096	9/25/2018	9:00 AM			-48.9	-34.8	-29.2	-29.4	-25.7			-255	-2.0
Melbon Ranch 13-17 - Surface CSG	426096	9/25/2018	9:00 AM			-49.8	-34.8	-29.4	-32.8	-30.1			-258	
Melbon Ranch 2-8-17 - Production CSG	426104	10/1/2018	8:40 AM			-49.5	-32.6	-29.6	-31.7	-28.9			-256	-0.8
Melbon Ranch 2-8-17 - Surface CSG	426104	10/1/2018	8:40 AM			-50.0	-32.7	-29.7	-32.3	-29.4			-260	
Melbon Ranch 33-17 - Production CSG	426101	10/1/2018	12:15 PM			-50.1	-31.6	-29.5	-31.6	-28.4			-262	-0.7
Melbon Ranch 33-17 - Surface CSG	426101	10/1/2018	12:09 PM			-53.8	-34.4	-30.3	-31.8	-29.2			-259	
Melbon Ranch 4-6-17 - Surface CSG	426102	10/1/2018	9:50 AM			-52.0	-36.5	-31.3	-32.9	-30.0			-252	
Melbon Ranch 4C-17H - Surface CSG	457071	11/26/2018	9:00 AM			-49.8	-33.6	-28.0					-255	
Melbon Ranch 4D-17H - Surface CSG	457075	11/26/2018	9:10 AM											
Melbon Ranch 4E-17H - Surface CSG	457067	11/26/2018	10:50 AM			-49.0	-33.1	-29.2					-252	
Melbon Ranch 4I-17H - Surface CSG	457068	11/26/2018	9:20 AM			-55.6	-34.3	-29.2					-280	
Melbon Ranch 4J-17H - Surface CSG	457070	11/26/2018	9:30 AM			-47.9	-32.6	-29.7					-240	
Melbon Ranch 4K-17H - Surface CSG	457073	11/26/2018	9:05 AM			-48.6	-33.0	-29.3					-251	
Melbon Ranch 6-4-17 - Production CSG	426094	10/1/2018	12:45 PM			-49.1	-33.5	-29.0	-32.2	-29.1			-256	-1.3
Melbon Ranch 6-4-17 - Surface CSG	426094	10/1/2018	12:43 PM			-51.7	-33.7	-30.7	-31.0	-28.7			-257	
Rasmussen 31-28 - Production CSG	289430	1/21/2019	2:33 AM			-49.1	-31.8	-28.2	-31.6	-29.3			-238	1.1
Regnier Farms 43-19 - Production CSG	276476	2/15/2019	9:00 AM			-49.8	-34.4	-30.0	-31.8	-28.7			-225	-5.1
Regnier Farms 43-19 - Surface CSG	276476	2/15/2019	9:00 AM			-56.6	-34.6	-31.8	-32.1	-30.4			-207	-13.6
Ross 11-19 - Production CSG	422585	11/28/2018	10:00 AM			-49.8	-32.4	-29.0	-30.8	-28.5			-244	-7.6
Ross 11-19 - Surface CSG	422585	11/28/2018	10:00 AM			-57.5	-34.9	-32.2					-219	
Ross 4-2-19 - Production CSG	422581	11/28/2018	10:30 AM			-50.0	-32.8	-29.4	-30.0	-28.7			-245	-1.1
Ross 4-2-19 - Surface CSG	422581	11/28/2018	10:30 AM			-52.6	-34.3	-30.0	-31.8	-29.6			-248	
Ross F Unit 1 - Production CSG	244457	10/31/2018	9:30 AM			-49.5	-33.7	-28.5	-32.6	-28.2			-244	1.1
Ross F Unit 1 - Surface CSG	244457	10/31/2018	9:25 AM			-62.7	-32.6	-28.1	-30.7	-27.4			-269	-16.4
Ruegge 3O-4H - Production CSG	454445	11/13/2018	2:00 AM			-51.1	-35.0	-30.4	-32.4	-30.0			-271	-14.8
Ruegge 3O-4H - Surface CSG	454445	11/13/2018	2:00 AM			-53.2	-34.8	-30.2	-32.2	-30.5			-269	
Sam 3B-25H - Surface CSG	453466	12/18/2018	9:30 AM			-53.0	-34.9	-30.6						-15.3
Sam 3C-25H - Surface CSG	453462	12/18/2018	9:40 AM			-54.0	-35.4	-29.7						
Sam 3G-25H - Surface CSG	453470	12/18/2018	9:45 AM			-53.6	-35.8	-30.2						-14.7
Sam 3J-25H - Surface CSG	453467	12/18/2018	-			-52.0	-34.8	-30.4						-13.3
Sam 3K-25H - Surface CSG	453459	12/18/2018	9:50 AM			-53.1	-34.4	-28.6						-14.1
Sam 3M-25H - Surface CSG	453468	12/18/2018	10:00 AM			-51.4	-34.5	-30.4					-311	
Sam 3M-25H - Surface CSG	453568	1/30/2019	4:30 AM			-51.3	-34.3	-30.7					-265	
Sam 3N-25H - Surface CSG	453560	12/18/2018	10:10 AM			-52.4	-32.7	-27.4						-13.8
Sam 3O-25H - Surface CSG	453471	12/18/2018	10:15 AM			-51.2	-34.5	-27.7					-308	
Sam 3O-25H - Surface CSG	453471	1/31/2019	7:30 AM			-51.5	-34.2	-28.1					-264	

GEO MARK

PRODUCED GAS ISOTOPE ANALYSIS

Crestone Peak Resources				Crestone Peak Resources Produced Gases, Colorado																						
Mathews 4F-14H - Intermediate CSG	431882	12/12/2018	1:50 AM	0.00	0.00	0.53	3.41	0.03	0.00	0.04	92.10	1.65	0.00	1.35	0.00	0.19	0.41	0.09	0.09	0.10	0.607					
Mathews 4F-14H - Production CSG	431882	12/12/2018	1:45 AM	0.00	2.50	0.22	1.70	0.14	0.00	0.03	80.93	10.38	0.00	3.35	0.00	0.26	0.42	0.03	0.02	0.01	0.645					
Mathews 4G-14H - Intermediate CSG	431879	12/12/2018	1:35 AM	0.00	0.00	0.33	1.20	0.00	0.00	0.04	98.20	0.08	0.00	0.07	0.00	0.01	0.03	0.01	0.01	0.02	0.563					
Mathews 4G-14H - Production CSG	431879	12/12/2018	1:40 AM	0.00	1.80	0.28	2.37	0.25	0.00	0.04	92.84	0.56	0.00	1.01	0.00	0.21	0.53	0.06	0.04	0.01	0.585					
Melbon Ranch 13-17 - Production CSG	426096	9/25/2018	9:00 AM	0.00	0.36	1.13	4.21	1.48	0.00	0.00	71.63	13.04	0.00	5.26	0.00	0.69	1.58	0.27	0.25	0.10	0.750					
Melbon Ranch 13-17 - Surface CSG	426096	9/25/2018	9:00 AM	0.00	0.02	1.08	5.64	0.01	0.00	0.00	75.90	9.01	0.00	5.55	0.00	0.74	1.34	0.30	0.24	0.18	0.726					
Melbon Ranch 2-8-17 - Production CSG	426104	10/1/2018	8:40 AM	0.00	0.38	1.95	7.43	1.96	0.00	0.00	67.64	12.10	0.00	5.35	0.00	0.68	1.60	0.33	0.37	0.22	0.775					
Melbon Ranch 2-8-17 - Surface CSG	426104	10/1/2018	8:40 AM	0.00	0.22	2.26	10.42	0.01	0.00	0.00	60.75	13.13	0.00	7.16	0.00	1.19	2.97	0.63	0.69	0.57	0.841					
Melbon Ranch 33-17 - Production CSG	426101	10/1/2018	12:15 PM	0.00	0.90	1.05	4.13	1.34	0.00	0.00	73.35	11.74	0.00	4.41	0.00	0.58	1.40	0.33	0.39	0.38	0.737					
Melbon Ranch 33-17 - Surface CSG	426101	10/1/2018	12:09 PM	0.00	0.02	1.08	5.64	0.01	0.00	0.00	75.90	9.01	0.00	5.55	0.00	0.74	1.34	0.30	0.24	0.18	0.726					
Melbon Ranch 4-6-17 - Surface CSG	426102	10/1/2018	9:50 AM	0.00	0.00	0.32	2.52	0.00	0.00	0.00	81.13	8.82	0.00	5.25	0.00	0.58	0.90	0.16	0.13	0.18	0.691					
Melbon Ranch 4C-17H - Surface CSG	457071	11/26/2018	9:00 AM	0.00	7.14	0.43	3.07	0.00	0.00	0.04	86.59	2.63	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.548					
Melbon Ranch 4D-17H - Surface CSG	457075	11/26/2018	9:10 AM	0.00	92.91	0.22	6.81	0.01	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.133					
Melbon Ranch 4E-17H - Surface CSG	457067	11/26/2018	10:50 AM	0.00	83.92	0.66	14.32	0.00	0.00	0.00	0.98	0.08	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.211					
Melbon Ranch 4I-17H - Surface CSG	457068	11/26/2018	9:20 AM	0.00	78.04	1.59	20.14	0.01	0.00	0.00	0.18	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.269					
Melbon Ranch 4J-17H - Surface CSG	457070	11/26/2018	9:30 AM	0.00	44.74	2.24	49.32	0.00	0.00	0.00	3.21	0.36	0.00	0.08	0.00	0.00	0.01	0.00	0.00	0.03	0.557					
Melbon Ranch 4K-17H - Surface CSG	457073	11/26/2018	9:05 AM	0.00	88.50	0.25	10.81	0.00	0.00	0.00	0.39	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.172					
Melbon Ranch 6-4-17 - Production CSG	426094	10/1/2018	12:45 PM	0.00	0.67	2.24	8.40	1.36	0.00	0.00	66.19	12.37	0.00	5.42	0.00	0.68	1.63	0.35	0.40	0.28	0.778					
Melbon Ranch 6-4-17 - Surface CSG	426094	10/1/2018	12:43 PM	0.00	0.05	0.63	3.05	0.01	0.00	0.00	82.01	10.91	0.00	2.44	0.00	0.22	0.35	0.07	0.06	0.20	0.662					
Rasmussen 31-28 - Production CSG	289430	1/21/2019	2:33 AM	0.00	0.03	0.36	1.64	2.15	0.00	0.00	77.52	11.49	0.00	4.47	0.00	0.64	1.27	0.21	0.18	0.06	0.719					
Regnier Farms 43-19 - Production CSG	276476	2/15/2019	9:00 AM	0.00	0.12	1.76	6.85	0.54	0.00	0.10	73.31	10.44	0.00	4.54	0.00	0.59	1.34	0.22	0.17	0.02	0.728					
Regnier Farms 43-19 - Surface CSG	276476	2/15/2019	9:00 AM	0.00	0.01	3.78	16.37	0.02	0.00	0.11	71.63	4.10	0.00	2.72	0.00	0.47	0.57	0.12	0.08	0.04	0.709					
Ross 11-19 - Production CSG	422585	11/28/2018	10:00 AM	0.00	0.43	0.25	1.18	1.37	0.00	0.03	74.99	12.61	0.00	5.67	0.00	0.74	1.66	0.35	0.39	0.33	0.745					
Ross 11-19 - Surface CSG	422585	11/28/2018	10:00 AM	0.00	0.00	20.01	78.19	0.00	0.00	0.00	1.66	0.05	0.00	0.06	0.00	0.00	0.01	0.00	0.00	0.01	0.989					
Ross 4-2-19 - Production CSG	422581	11/28/2018	10:30 AM	0.00	2.02	0.25	1.30	0.96	0.00	0.03	72.68	12.49	0.00	5.75	0.00	0.82	2.07	0.52	0.62	0.49	0.753					
Ross 4-2-19 - Surface CSG	422581	11/28/2018	10:30 AM	0.00	0.01	0.21	1.85	0.00	0.00	0.03	81.37	9.18	0.00	4.64	0.00	0.61	1.27	0.31	0.28	0.24	0.697					
Ross F Unit 1 - Production CSG	244457	10/31/2018	9:30 AM	0.00	0.14	0.27	1.13	1.87	0.00	0.03	72.82	13.50	0.00	6.22	0.00	0.88	2.27	0.45	0.35	0.07	0.766					
Ross F Unit 1 - Surface CSG	244457	10/31/2018	9:25 AM	0.00	0.06	1.02	10.21	0.01	0.00	0.00	86.76	1.20	0.00	0.45	0.00	0.07	0.11	0.04	0.02	0.06	0.617					
Rueggie 3O-4H - Production CSG	454445	11/13/2018	2:00 AM	0.00	0.23	0.27	2.46	0.02	0.00	0.03	74.15	14.31	0.00	5.79	0.00	0.60	1.39	0.27	0.28	0.21	0.735					
Rueggie 3O-4H - Surface CSG	454445	11/13/2018	2:00 AM	0.00	0.23	0.30	2.68	0.01	0.00	0.03	73.70	14.31	0.00	6.01	0.00	0.63	1.39	0.25	0.25	0.21	0.737					
Sam 3B-25H - Surface CSG	453466	12/18/2018	9:30 AM	0.00	89.86	1.31	8.73	0.01	0.00	0.00	0.08	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.162					
Sam 3C-25H - Surface CSG	453462	12/18/2018	9:40 AM	0.00	88.18	1.02	10.66	0.00	0.00	0.00	0.11	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.177					
Sam 3G-25H - Surface CSG	453470	12/18/2018	9:45 AM	0.00	84.17	2.27	13.42	0.01	0.00	0.00	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.214					
Sam 3J-25H - Surface CSG	453467	12/18/2018	-	0.00	83.84	1.85	14.12	0.01	0.00	0.00	0.14	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.217					
Sam 3K-25H - Surface CSG	453459	12/18/2018	9:50 AM	0.00	91.71	0.74	7.43	0.01	0.00	0.00	0.10	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.145					
Sam 3M-25H - Surface CSG	453468	12/18/2018	10:00 AM	0.00	90.41	0.47	8.63	0.00	0.00	0.00	0.42	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.155					
Sam 3M-25H - Surface CSG	453568	1/30/2019	4:30 AM	0.00	94.59	0.10	4.92	0.00	0.00	0.00	0.31	0.05	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.117					
Sam 3N-25H - Surface CSG	453560	12/18/2018	10:10 AM	0.00	71.42	4.19	24.30	0.01	0.00	0.00	0.07	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.332					
Sam 3O-25H - Surface CSG	453471	12/18/2018	10:15 AM	0.00	88.80	0.40	10.30	0.00	0.00	0.00	0.45	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.169					
Sam 3O-25H - Surface CSG	453471	1/31/2019	7:30 AM	0.00	93.79	0.11	5.71	0.00	0.00	0.00	0.36	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.124					

GeoMark

PRODUCED GAS ISOTOPE ANALYSIS

Crestone Peak Resources

Crestone Peak Resources Produced Gases, Colorado

Mathews 4F-14H - Intermediate CSG	431882	12/12/2018	1:50 AM			85.95	1.72	1.41	0.20	0.42	0.10	0.10	0.10
Mathews 4F-14H - Production CSG	431882	12/12/2018	1:45 AM			84.82	10.88	3.51	0.27	0.44	0.03	0.02	0.01
Mathews 4G-14H - Intermediate CSG	431879	12/12/2018	1:35 AM			99.77	0.09	0.07	0.01	0.03	0.01	0.01	0.02
Mathews 4G-14H - Production CSG	431879	12/12/2018	1:40 AM			97.46	0.59	1.06	0.22	0.55	0.06	0.04	0.01
Melbon Ranch 13-17 - Production CSG	426096	9/25/2018	9:00 AM			77.16	14.05	5.67	0.74	1.71	0.29	0.27	0.11
Melbon Ranch 13-17 - Surface CSG	426096	9/25/2018	9:00 AM			81.39	9.66	5.95	0.79	1.44	0.32	0.25	0.19
Melbon Ranch 2-8-17 - Production CSG	426104	10/1/2018	8:40 AM			76.62	13.71	6.06	0.77	1.81	0.38	0.41	0.25
Melbon Ranch 2-8-17 - Surface CSG	426104	10/1/2018	8:40 AM			69.75	15.08	8.22	1.37	3.41	0.73	0.79	0.65
Melbon Ranch 33-17 - Production CSG	426101	10/1/2018	12:15 PM			79.22	12.69	4.76	0.62	1.51	0.36	0.42	0.41
Melbon Ranch 33-17 - Surface CSG	426101	10/1/2018	12:09 PM			81.39	9.66	5.95	0.79	1.44	0.32	0.25	0.19
Melbon Ranch 4-6-17 - Surface CSG	426102	10/1/2018	9:50 AM			83.51	9.08	5.41	0.59	0.83	0.16	0.14	0.19
Melbon Ranch 4C-17H - Surface CSG	457071	11/26/2018	9:00 AM			86.94	2.94	0.11	0.00	0.00	0.00	0.00	0.00
Melbon Ranch 4D-17H - Surface CSG	457075	11/29/2018	9:10 AM			89.96	6.59	1.36	0.00	0.00	0.00	0.00	2.10
Melbon Ranch 4E-17H - Surface CSG	457067	11/26/2018	10:50 AM			89.49	6.91	1.48	0.12	0.21	0.05	0.09	1.66
Melbon Ranch 4I-17H - Surface CSG	457068	11/26/2018	9:20 AM			82.81	5.80	1.94	0.27	0.57	0.25	0.44	7.93
Melbon Ranch 4J-17H - Surface CSG	457070	11/26/2018	9:30 AM			86.93	9.74	2.22	0.09	0.14	0.02	0.02	0.84
Melbon Ranch 4K-17H - Surface CSG	457073	11/26/2018	9:05 AM			89.74	7.24	2.32	0.15	0.22	0.01	0.07	0.25
Melbon Ranch 6-4-17 - Production CSG	426094	10/1/2018	12:45 PM			75.80	14.17	6.20	0.78	1.87	0.40	0.46	0.32
Melbon Ranch 6-4-17 - Surface CSG	426094	10/1/2018	12:43 PM			85.20	11.34	2.53	0.23	0.37	0.07	0.06	0.20
Rasmussen 31-28 - Production CSG	289430	1/21/2019	2:33 AM			80.90	11.99	4.66	0.67	1.32	0.21	0.18	0.07
Regnier Farms 43-19 - Production CSG	276476	2/15/2019	9:00 AM			80.89	11.52	5.01	0.65	1.47	0.24	0.19	0.02
Regnier Farms 43-19 - Surface CSG	276476	2/15/2019	9:00 AM			89.85	5.14	3.41	0.59	0.71	0.15	0.10	0.05
Ross 11-19 - Production CSG	422585	11/28/2018	10:00 AM			77.52	13.03	5.86	0.77	1.71	0.36	0.40	0.34
Ross 11-19 - Surface CSG	422585	11/29/2018	10:00 AM			92.29	2.86	3.43	0.00	0.70	0.15	0.17	0.40
Ross 4-2-19 - Production CSG	422581	11/28/2018	10:30 AM			76.15	13.09	6.02	0.86	2.17	0.55	0.65	0.52
Ross 4-2-19 - Surface CSG	422581	11/29/2018	10:30 AM			83.12	9.38	4.74	0.62	1.30	0.31	0.28	0.24
Ross F Unit 1 - Production CSG	244457	10/31/2018	9:30 AM			75.42	13.98	6.44	0.91	2.35	0.46	0.36	0.08
Ross F Unit 1 - Surface CSG	244457	10/31/2018	9:25 AM			97.81	1.35	0.51	0.07	0.12	0.04	0.03	0.07
Ruegge 3O-4H - Production CSG	454445	11/13/2018	2:00 AM			76.45	14.75	5.97	0.62	1.43	0.28	0.29	0.22
Ruegge 3O-4H - Surface CSG	454445	11/13/2018	2:00 AM			76.17	14.79	6.21	0.65	1.43	0.26	0.26	0.22
Sam 3B-25H - Surface CSG	453466	12/18/2018	9:30 AM			86.37	9.75	2.95	0.28	0.65	0.00	0.00	0.00
Sam 3C-25H - Surface CSG	453462	12/18/2018	9:40 AM			80.90	11.56	5.18	0.48	1.16	0.27	0.45	0.00
Sam 3G-25H - Surface CSG	453470	12/18/2018	9:45 AM			80.81	12.77	4.63	0.50	0.99	0.30	0.00	0.00
Sam 3J-25H - Surface CSG	453467	12/18/2018	-			78.25	12.60	6.29	0.65	1.51	0.29	0.42	0.00
Sam 3K-25H - Surface CSG	453459	12/19/2018	9:50 AM			88.32	7.91	2.73	0.24	0.52	0.00	0.26	0.00
Sam 3M-25H - Surface CSG	453468	12/18/2018	10:00 AM			84.91	10.64	3.60	0.27	0.48	0.06	0.04	0.00
Sam 3M-25H - Surface CSG	453568	1/30/2019	4:30 AM			80.05	12.39	5.57	0.50	1.02	0.18	0.17	0.12
Sam 3N-25H - Surface CSG	453560	12/18/2018	10:10 AM			84.10	11.29	3.43	0.45	0.72	0.00	0.00	0.00
Sam 3O-25H - Surface CSG	453471	12/18/2018	10:15 AM			92.47	5.43	1.59	0.14	0.29	0.03	0.06	0.00
Sam 3O-25H - Surface CSG	453471	1/31/2019	7:30 AM			89.92	6.74	2.25	0.18	0.40	0.09	0.07	0.35



## PRODUCED GAS ISOTOPE ANALYSIS

### Crestone Peak Resources Crestone Peak Resources Produced Gases, Colorado

Mathews 4F-14H - Intermediate CSG	431882	12/12/2018	1:50 AM			1,025	1,068	959,915	3.95	56	0.48
Mathews 4F-14H - Production CSG	431882	12/12/2018	1:45 AM			1,110	1,164	954,154	15.17	8	0.62
Mathews 4G-14H - Intermediate CSG	431879	12/12/2018	1:35 AM			998	1,014	984,256	0.21	1150	0.36
Mathews 4G-14H - Production CSG	431879	12/12/2018	1:40 AM			1,002	1,051	952,580	2.53	164	0.40
Melbon Ranch 13-17 - Production CSG	426096	9/25/2018	9:00 AM			1,186	1,278	928,301	22.75	5	0.43
Melbon Ranch 13-17 - Surface CSG	426096	9/25/2018	9:00 AM			1,163	1,248	932,537	18.46	8	0.55
Melbon Ranch 2-8-17 - Production CSG	426104	10/1/2018	8:40 AM			1,144	1,296	882,818	23.19	6	0.42
Melbon Ranch 2-8-17 - Surface CSG	426104	10/1/2018	8:40 AM			1,242	1,426	870,919	29.79	5	0.40
Melbon Ranch 33-17 - Production CSG	426101	10/1/2018	12:15 PM			1,171	1,265	925,819	20.45	6	0.41
Melbon Ranch 33-17 - Surface CSG	426101	10/1/2018	12:09 PM			1,163	1,248	932,537	18.46	8	0.55
Melbon Ranch 4-6-17 - Surface CSG	426102	10/1/2018	9:50 AM			1,176	1,211	971,560	16.34	9	0.64
Melbon Ranch 4C-17H - Surface CSG	457071	11/26/2018	9:00 AM			924	1,034	893,267	3.06	33	1.49
Melbon Ranch 4D-17H - Surface CSG	457075	11/26/2018	9:10 AM			1	1,159	596	8.12	14	#DIV/0!
Melbon Ranch 4E-17H - Surface CSG	457067	11/26/2018	10:50 AM			13	1,158	10,939	9.01	13	0.58
Melbon Ranch 4I-17H - Surface CSG	457068	11/26/2018	9:20 AM			3	1,420	2,167	10.06	14	0.47
Melbon Ranch 4J-17H - Surface CSG	457070	11/26/2018	9:30 AM			43	1,155	36,940	12.33	9	0.63
Melbon Ranch 4K-17H - Surface CSG	457073	11/26/2018	9:05 AM			5	1,120	4,319	10.03	12	0.66
Melbon Ranch 6-4-17 - Production CSG	426094	10/1/2018	12:45 PM			1,143	1,308	873,338	23.96	5	0.42
Melbon Ranch 6-4-17 - Surface CSG	426094	10/1/2018	12:43 PM			1,116	1,159	962,587	14.63	8	0.62
Rasmussen 31-28 - Production CSG	289430	1/21/2019	2:33 AM			1,179	1,230	958,257	19.05	7	0.51
Regnier Farms 43-19 - Production CSG	276476	2/15/2019	9:00 AM			1,119	1,234	906,249	19.09	7	0.44
Regnier Farms 43-19 - Surface CSG	276476	2/15/2019	9:00 AM			908	1,139	797,209	10.10	17	0.83
Ross 11-19 - Production CSG	422585	11/28/2018	10:00 AM			1,247	1,289	967,581	22.21	6	0.46
Ross 11-19 - Surface CSG	422585	11/28/2018	10:00 AM			20	1,124	18,024	7.34	32	0.00
Ross 4-2-19 - Production CSG	422581	11/28/2018	10:30 AM			1,263	1,323	954,473	23.46	6	0.40
Ross 4-2-19 - Surface CSG	422581	11/28/2018	10:30 AM			1,197	1,223	978,906	16.67	9	0.48
Ross F Unit 1 - Production CSG	244457	10/31/2018	9:30 AM			1,269	1,314	965,600	24.53	5	0.39
Ross F Unit 1 - Surface CSG	244457	10/31/2018	9:25 AM			920	1,037	887,053	2.13	72	0.60
Ruegge 3O-4H - Production CSG	454445	11/13/2018	2:00 AM			1,245	1,283	969,910	23.38	5	0.43
Ruegge 3O-4H - Surface CSG	454445	11/13/2018	2:00 AM			1,245	1,286	967,476	23.66	5	0.46
Sam 3B-25H - Surface CSG	453466	12/18/2018	9:30 AM			1	1,149	895	13.63	9	0.43
Sam 3C-25H - Surface CSG	453462	12/18/2018	9:40 AM			2	1,234	1,345	19.10	7	0.42
Sam 3G-25H - Surface CSG	453470	12/18/2018	9:45 AM			2	1,219	1,388	19.19	6	0.50
Sam 3J-25H - Surface CSG	453467	12/18/2018	-			2	1,270	1,732	21.75	6	0.43
Sam 3K-25H - Surface CSG	453459	12/18/2018	9:50 AM			1	1,137	1,119	11.68	11	0.47
Sam 3M-25H - Surface CSG	453468	12/18/2018	10:00 AM			6	1,165	4,916	15.09	8	0.56
Sam 3M-25H - Surface CSG	453568	1/30/2019	4:30 AM			5	1,237	3,899	19.85	6	0.49
Sam 3N-25H - Surface CSG	453560	12/18/2018	10:10 AM			1	1,174	814	15.90	7	0.63
Sam 3O-25H - Surface CSG	453471	12/18/2018	10:15 AM			5	1,087	4,872	7.53	17	0.50
Sam 3O-25H - Surface CSG	453471	1/31/2019	7:30 AM			4	1,126	3,961	9.76	13	0.46