

RACS, LLC

22235 H75 Rd., Delta, CO 81416

(970) 874-7393

WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal Company

Well Number E7-6

Well Location (township & range) T14S R90W SEC3

(Lat / Long) N 38.8584 W 107.4310

County Gunnison

State Colorado

Elevation 8236

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ No

Nature of use & current status Methane Drainage Well / Shut In

Hole Depth 975 Feet Hole Diameter 12 Inches

Surface Casing type / Wt. Steel / 36# Size 14" Depth 20"

Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth 898'

Completion Blank Casing Type / Wt Steel / 20# Size 7" Depth From 839 To 898

Completion Perf casing Type / Wt Steel / 20# Size 7" Depth From 898 To 975

Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSI

Notes Casing crushed @ 213'

Abandonment Details

Reason for Abandonment No Longer needed

Bridge Plug type 9 5/8" RTJP

TD of well or Bridge Plug Depth 213' Feet

Total fluid volume of well from TD or Bridge Plug 678 Gallons

Total volume of fluid used 686 Gallons

Method of sealing material placement through 2 3/8 tubing

Casing cut to 3' Ft. below surface P&A Marker type None

Date of Abandonment Completion 6-25-20

Depth (Feet)		Material Used	Quantity		Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.	
213'	212'	9 5/8" Rubber Top Job Plug			
212'	194'	Bentonite Chips	58 / 7.7 / 11		
194'	25'	Super Plug Bentonite	560 / 74.75 / 13	15.6 PPG	
25'	4'	Type I-II Cement	68 / 8.26 / 7		

Notes

* All depths are from top of surface casing

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WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal Company

Well Number E7-8

Well Location (township & range) T14S R90W SEC3

(Lat / Long) N 38.8594 W 107.4375

County Gunnison

State Colorado

Elevation 8570

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ No

Nature of use & current status Methane Drainage Well / Shut In

Hole Depth 1300 Feet Hole Diameter 12 Inches

Surface Casing type / Wt. Steel / 36# Size 14" Depth 20'

Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth 1231'

Completion Blank Casing Type / Wt Steel / 20# Size 7" Depth From 1179' To 1231'

Completion Perf casing Type / Wt Steel / 20# Size 7" Depth From 1231' To 1300'

Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSI

Notes Casing crushed @ 261'

Abandonment Details

Reason for Abandonment No Longer needed

Bridge Plug type 9 5/8" RTJP

TD of well or Bridge Plug Depth 261' Feet

Total fluid volume of well from TD or Bridge Plug 830 Gallons

Total volume of fluid used 833 Gallons

Method of sealing material placement through 2 3/8 tubing

Casing cut to 3' Ft. below surface P&A Marker type None

Date of Abandonment Completion 6-25-20

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
261'	260'	9 5/8" Rubber Top Job Plug		
260'	231'	Bentonite Chips	95 / 12 / 18	
231'	210'	Type I-II Cement	68 / 9 / 7	15.6 PPG
210'	25'	Super Plug	602 / 80.5 / 14	
25'	4'	Type I-II Cement	68 / 9 / 7	

Notes

* All depths are from top of surface casing

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WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal Company

Well Number E7-9

Well Location (township & range) T14S R90W SEC3

(Lat / Long) N 38.8598 W 107.4409

County Gunnison

State Colorado

Elevation 8574'

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ No

Nature of use & current status Methane Drainage Well / Shut In

Hole Depth 1277 Feet Hole Diameter 12 Inches

Surface Casing type / Wt. Steel / Size 14" Depth 20'

Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth 1193'

Completion Blank Casing Type / Wt Steel / 20# Size 7" Depth From 1152 To 1193

Completion Perf casing Type / Wt Steel / 20# Size 7" Depth From 1193 To 1277

Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSI

Notes Casing crushed @ 186'

Abandonment Details

Reason for Abandonment No Longer needed

Bridge Plug type 9 5/8" RTJP

TD of well or Bridge Plug Depth 186' Feet

Total fluid volume of well from TD or Bridge Plug 603 Gallons

Total volume of fluid used 876 Gallons

Method of sealing material placement through 2 3/8 tubing

Casing cut to 3' Ft. below surface P&A Marker type None

Date of Abandonment Completion 6-25-20

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sk.	Lbs./Gal.
186'	185'	9 5/8" Rubber Top Job Plug		
185'	156'	Bentonite Chips	95 / 14.4 / 18	
156'	135'	Type I-II Cement	68 / 8.26 / 7	15.6 PPG
135'	25'	Super Plug	645 / 86.25 / 15	
25'	4'	Type I-II Cement	68 / 8.26 / 7	

Notes

* All depths are from top of surface casing

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WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal Company

Well Number E8-6

Well Location (township & range) T14S R90W SEC10

(Lat / Long) N 38.8548 W 107.4329

County Gunnison

State Colorado

Elevation 8039'

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ No

Nature of use & current status Methane Drainage Well / Shut In

Hole Depth 723 Feet Hole Diameter 12 Inches

Surface Casing type / Wt. Steel / Size 14" Depth 20'

Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth 651'

Completion Blank Casing Type / Wt Steel / 20# Size 7" Depth From 593' To 651'

Completion Perf casing Type / Wt Steel / Size 7" Depth From 651' To 723'

Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSI

Notes Casing crushed @ 133'

Abandonment Details

Reason for Abandonment No Longer needed

Bridge Plug type 9 5/8" RTJP

TD of well or Bridge Plug Depth 133' Feet

Total fluid volume of well from TD or Bridge Plug 418 Gallons

Total volume of fluid used 416 Gallons

Method of sealing material placement through 2 3/8 tubing

Casing cut to 3' Ft. below surface P&A Marker type None

Date of Abandonment Completion 6-25-20

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
133'	132'	9 5/8" Rubber Top Job Plug		
132'	108'	Bentonite Chips	78 / 9.8 / 14	
108'	25'	Super Plug	270 / 40 / 7	15.6 PPG
25'	4'	Type I-II Cement	68 / 8.2 / 7	

Notes _____

* All depths are from top of surface casing

RACS, LLC

22235 H75 Rd., Delta, CO 81416

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WELL ABANDONMENT REPORT

Date 11-1-2021

Well Identification

Owner Mountain Coal Company

Well Number SS1-1

Well Location (township & range) _____

(Lat / Long) _____

County Gunnison

State Colorado

Elevation _____

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ No

Nature of use & current status Methane Drainage Well / Shut In

Hole Depth _____ Feet Hole Diameter _____ Inches

Surface Casing type / Wt. Steel / _____ Size 14" Depth _____

Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth _____

Completion Blank Casing Type / Wt. Steel / 23# Size 7" Depth From _____ To _____

Completion Perf casing Type / Wt. Steel / 23# Size 7" Depth From _____ To _____

Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSI

Notes casing crushed @ 105'

Abandonment Details

Reason for Abandonment No Longer needed

Bridge Plug type 9 5/8" RTJP

TD of well or Bridge Plug Depth 105' Feet

Total fluid volume of well from TD or Bridge Plug 341 Gallons

Total volume of fluid used 618 Gallons

Method of sealing material placement through 2 3/8 tubing

Casing cut to 3' Ft. below surface P&A Marker type None

Date of Abandonment Completion 9-25-2021

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
104'	105'	9 5/8"Rubber Top Job Plug		
105'	128'	Bentonite Chips	79 / 10.5 / 15	
128'	102'	Type I-II Cement	176 / 23.6 / 20	15.6 PPG
102'	25'	MI Super Plug	301 / 40 / 7	
25'	4'	Type I-II Cement	62 / 8.3 / 7	15.6 PPG

Notes _____

* All depths are from top of surface casing

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WELL ABANDONMENT REPORT

Date 11-1-2021

Well Identification

Owner Mountain Coal Company
Well Number SS1-2
Well Location (township & range) _____
(Lat / Long) _____
County Gunnison State Colorado Elevation _____

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ No
Nature of use & current status Methane Drainage Well / Shut In
Hole Depth _____ Feet Hole Diameter _____ Inches
Surface Casing type / Wt. Steel / _____ Size 14" Depth _____
Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth _____
Completion Blank Casing Type / Wt. Steel / 23# Size 7" Depth From _____ To _____
Completion Perf casing Type / Wt. Steel / 23# Size 7" Depth From _____ To _____
Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSI
Notes casing crushed @ 251'

Abandonment Details

Reason for Abandonment No Longer needed
Bridge Plug type 9 5/8" RTJP
TD of well or Bridge Plug Depth 251' Feet
Total fluid volume of well from TD or Bridge Plug 816 Gallons
Total volume of fluid used 808 Gallons
Method of sealing material placement through 2 3/8 tubing
Casing cut to 3' Ft. below surface P&A Marker type None
Date of Abandonment Completion 10-3-2021

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sk.	Lbs./Gal.
251'	250"	9 5/8" Rubber Top Job Plug		
250'	227'	Bentonite Chips	80 / 11 / 15	
227'	173'	Type I-II Cement	176 / 23.6 / 20	15.6 PPG
173'	15'	MI Super Plug	516 / 69 / 12	
15'	4'	Type I-II Cement	35 / 5 / 4	15.6 PPG

Notes _____

* All depths are from top of surface casing

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WELL ABANDONMENT REPORT

Date 11-1-2021

Well Identification

Owner Mountain Coal Company
Well Number SS1-3
Well Location (township & range) _____
(Lat / Long) _____
County Gunnison State Colorado Elevation _____

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ No
Nature of use & current status Methane Drainage Well / Shut In
Hole Depth _____ Feet Hole Diameter _____ Inches
Surface Casing type / Wt. Steel / _____ Size 14" Depth _____
Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth _____
Completion Blank Casing Type / Wt Steel / 23# Size 7" Depth From _____ To _____
Completion Perf casing Type / Wt Steel / 23# Size 7" Depth From _____ To _____
Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSI
Notes casing crushed @ 157'

Abandonment Details

Reason for Abandonment No Longer needed
Bridge Plug type 9 5/8" RTJP
TD of well or Bridge Plug Depth 157' Feet
Total fluid volume of well from TD or Bridge Plug 510 Gallons
Total volume of fluid used 708 Gallons
Method of sealing material placement through 2 3/8 tubing
Casing cut to 3' Ft. below surface P&A Marker type None
Date of Abandonment Completion 10-3-2021

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
156'	157'	9 5/8" Rubber Top Job Plug		
157'	148'	Bentonite Chips	32 / 4 / 6	
148'	118'	Type I-II Cement	79 / 11 / 9	15.6 PPG
118'	20'	MI Swaco Super Plug	387 / 52 / 9	
20'	34'	Type I-II Cement	106 / 14 / 12	15.6 PPG
34'	23'	MI Swaco Super Plug (dry)	42 / 6 / 8	
23'	6'	Type I-II Cement	62 / 8 / 7	15.6 PPG

Notes _____

* All depths are from top of surface casing

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WELL ABANDONMENT REPORT

Date 11-1-2021

Well Identification

Owner Mountain Coal Company
Well Number SS1-4
Well Location (township & range) _____
(Lat / Long) _____
County Gunnison State Colorado Elevation _____

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ No
Nature of use & current status Methane Drainage Well / Shut In
Hole Depth _____ Feet Hole Diameter _____ Inches
Surface Casing type / Wt. Steel / _____ Size 14" Depth _____
Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth _____
Completion Blank Casing Type / Wt. Steel / 23# Size 7" Depth From _____ To _____
Completion Perf casing Type / Wt. Steel / 23# Size 7" Depth From _____ To _____
Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSI
Notes casing crushed @ 196'

Abandonment Details

Reason for Abandonment No Longer needed
Bridge Plug type 9 5/8" RTJP
TD of well or Bridge Plug Depth 196' Feet
Total fluid volume of well from TD or Bridge Plug 637 Gallons
Total volume of fluid used 637 Gallons
Method of sealing material placement through 2 3/8 tubing
Casing cut to 3' Ft. below surface P&A Marker type None
Date of Abandonment Completion 9-28-2021

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sk.	Lbs./Gal.
196'	195'	9 5/8" Rubber Top Job Plug		
195'	181'	Bentonite Chips	48 / 6.3 / 9	
181'	144'	Type I-II Cement	106 / 14 / 12	15.6 PPG
144'	20'	MI Super Plug	430 / 57 / 10	
20'	4'	Type I-II Cement	53 / 7 / 6	15.6 PPG

Notes _____

* All depths are from top of surface casing

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WELL ABANDONMENT REPORT

Date 11-1-2021

Well Identification

Owner Mountain Coal Company

Well Number SS1-5

Well Location (township & range) _____

(Lat / Long) _____

County Gunnison State Colorado Elevation _____

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ No

Nature of use & current status Methane Drainage Well / Shut In

Hole Depth _____ Feet Hole Diameter _____ Inches

Surface Casing type / Wt. Steel / _____ Size 14" Depth _____

Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth _____

Completion Blank Casing Type / Wt. Steel / 23# Size 7" Depth From _____ To _____

Completion Perf casing Type / Wt. Steel / 23# Size 7" Depth From _____ To _____

Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSI

Notes casing crushed @ 55'

Abandonment Details

Reason for Abandonment No Longer needed

Bridge Plug type 9 5/8" RTJP

TD of well or Bridge Plug Depth 55' Feet

Total fluid volume of well from TD or Bridge Plug 178 Gallons

Total volume of fluid used 159 Gallons

Method of sealing material placement through 2 3/8 tubing

Casing cut to 3' Ft. below surface P&A Marker type None

Date of Abandonment Completion 9-26-2021

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
55'	54'	9 5/8" Rubber Top Job Plug		
54'	47'	Bentonite Chips	27 / 3.5 / 5	
47'	32'	Type I-II Cement	44 / 6 / 5	15.6 PPG
32'	4'	Type I-II Cement	88 / 12 / 10	

Notes _____

* All depths are from top of surface casing

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22235 H75 Rd., Delta, CO 81416

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WELL ABANDONMENT REPORT

Date 11-1-2021

Well Identification

Owner Mountain Coal Company

Well Number SS1-7

Well Location (township & range) _____

(Lat / Long) _____

County Gunnison

State Colorado

Elevation _____

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ No

Nature of use & current status Methane Drainage Well / Shut In

Hole Depth _____ Feet Hole Diameter _____ Inches

Surface Casing type / Wt. Steel / _____ Size 14" Depth _____

Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth _____

Completion Blank Casing Type / Wt. Steel / 23# Size 7" Depth From _____ To _____

Completion Perf casing Type / Wt. Steel / 23# Size 7" Depth From _____ To _____

Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSI

Notes casing crushed @ 63'

Abandonment Details

Reason for Abandonment No Longer needed

Bridge Plug type 9 5/8" RTJP

TD of well or Bridge Plug Depth 63' Feet

Total fluid volume of well from TD or Bridge Plug 205 Gallons

Total volume of fluid used 475 Gallons

Method of sealing material placement through 2 3/8 tubing

Casing cut to 3' Ft. below surface P&A Marker type None

Date of Abandonment Completion 9-26-2021

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
63'	62'	9 5/8"Rubber Top Job Plug		
62'	51'	Bentonite Chips	37 / 5 / 7	
51'	36'	Type I-II Cement	44 / 6 / 5	15.6 PPG
36'	51'	Type I-II Cement	212 / 28 / 24	15.6 PPG
51'	20'	MI Swaco Super Plug	129 / 17 / 3	
20'	4'	Type I-II Cement	53 / 7 / 6	15.6 PPG

Notes _____

* All depths are from top of surface casing