

WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal CompanyWell Number E7-4Well Location (township & range) T14S R90W SEC3(Lat / Long) N 38.8574 W 107.4256County GunnisonState ColoradoElevation 8500

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ NoNature of use & current status Methane Drainage Well / Shut InHole Depth 1285 Feet Hole Diameter 12 InchesSurface Casing type / Wt. Steel / Size 14" Depth 20'Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth 1169'Completion Blank Casing Type / Wt. Steel / 20# Size 7" Depth From 1140' To 1169'Completion Perf casing Type / Wt. Steel / 20# Size 7" Depth From 1169' To 1285'Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSINotes Casing crushed @ 99'

Abandonment Details

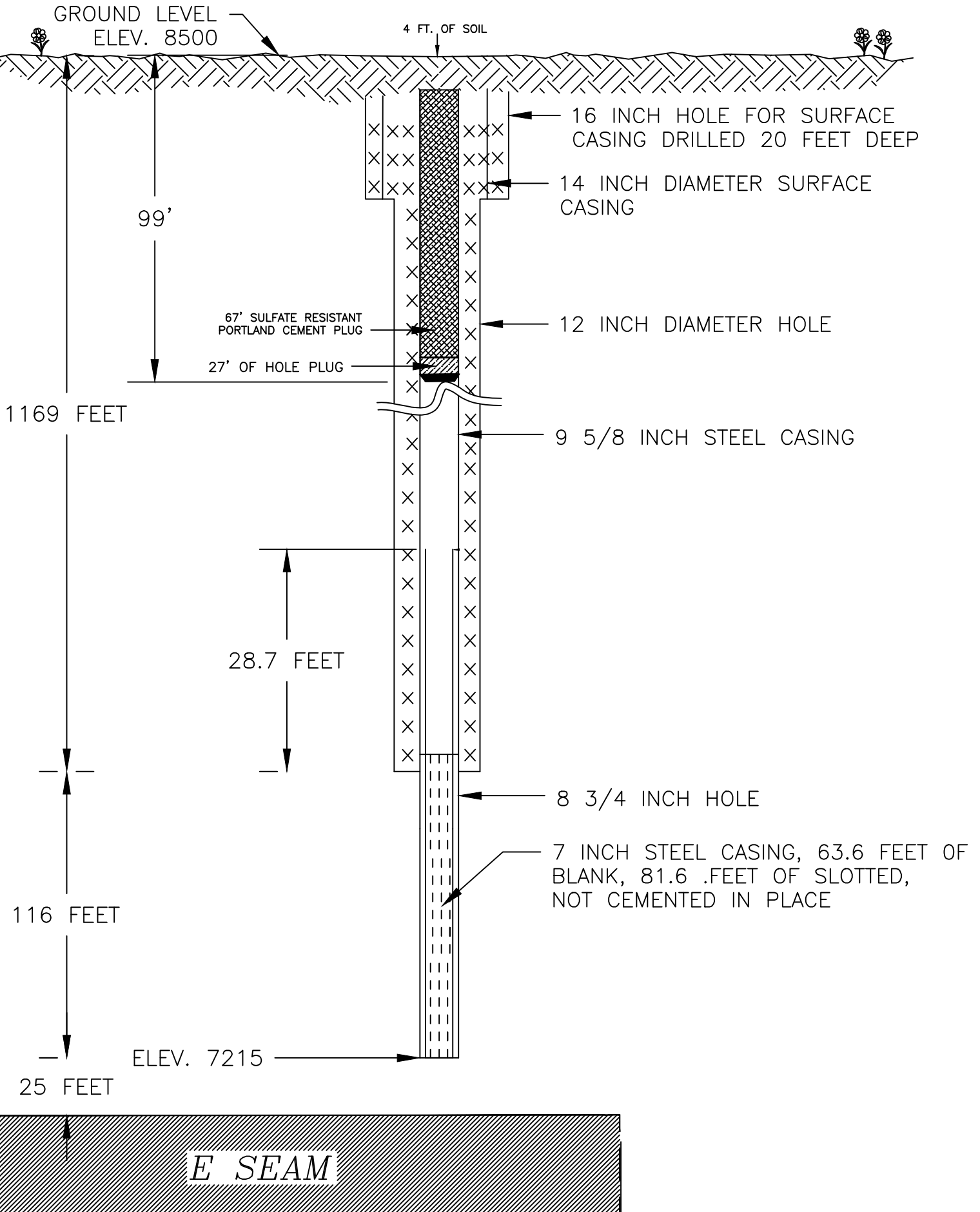
Reason for Abandonment No Longer neededBridge Plug type 9 5/8" RTJPTD of well or Bridge Plug Depth 98' FeetTotal fluid volume of well from TD or Bridge Plug 305 GallonsTotal volume of fluid used 312 GallonsMethod of sealing material placement through 2 3/8 tubingCasing cut to 3' Ft. below surface P&A Marker type NoneDate of Abandonment Completion 6-10-20

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
99'	98'	9 5/8" Rubber Top Job Plug		
98'	71'	Bentonite Chips	95 / 12.6 / 18	
71'	4'	Type I-II Cement	217 / 29 / 22	15.6 PPG

Notes

* All depths are from top of surface casing

MVB E7-04



WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal CompanyWell Number E7-6Well Location (township & range) T14S R90W SEC3(Lat / Long) N 38.8584 W 107.4310County GunnisonState ColoradoElevation 8236

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ NoNature of use & current status Methane Drainage Well / Shut InHole Depth 975 Feet Hole Diameter 12 InchesSurface Casing type / Wt. Steel / 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 898Completion Perf casing Type / Wt. Steel / 20# Size 7" Depth From 898 To 975Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSINotes Casing crushed @ 213'

Abandonment Details

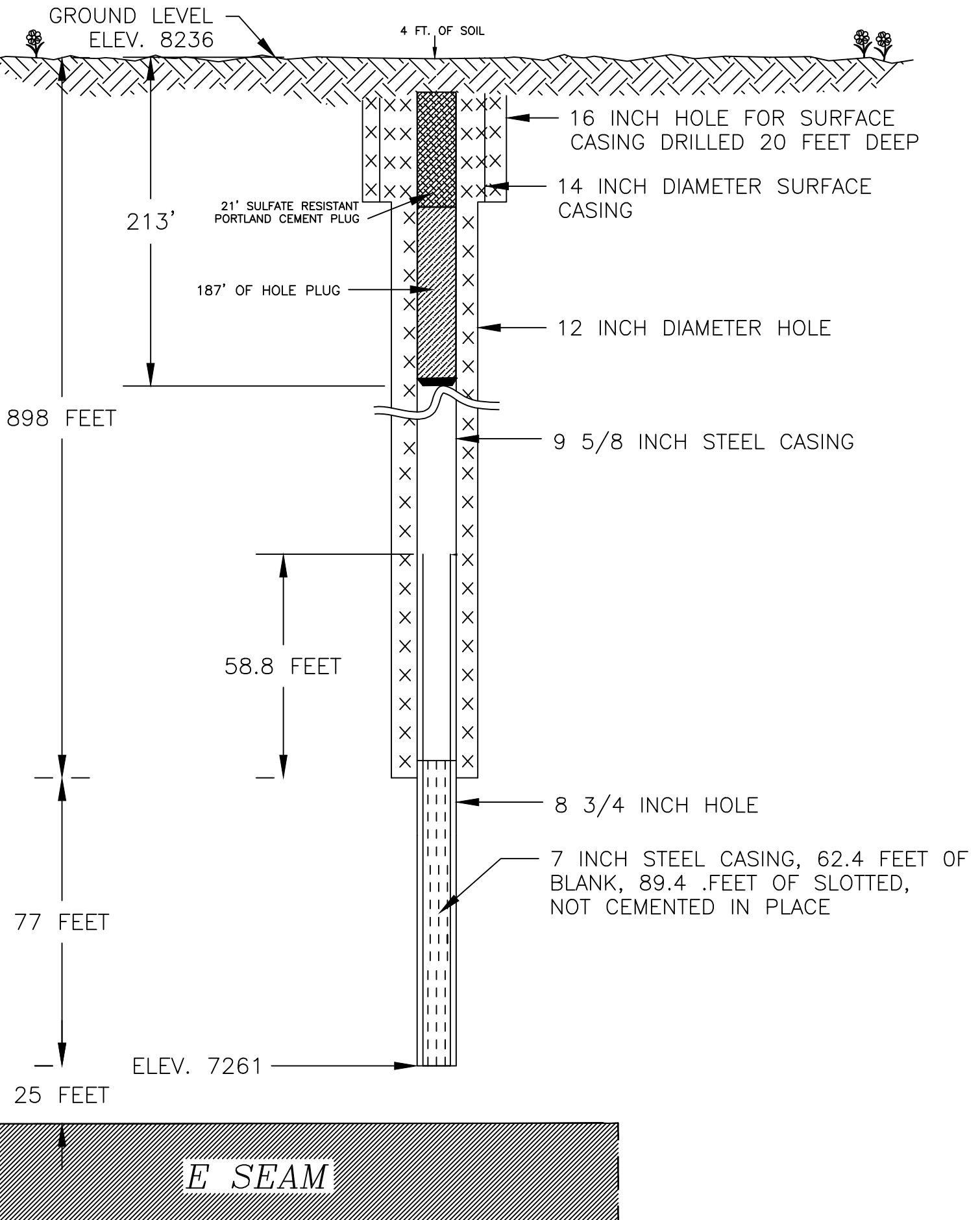
Reason for Abandonment No Longer neededBridge Plug type 9 5/8" RTJPTD of well or Bridge Plug Depth 213' FeetTotal fluid volume of well from TD or Bridge Plug 678 GallonsTotal volume of fluid used 686 GallonsMethod of sealing material placement through 2 3/8 tubingCasing cut to 3' Ft. below surface P&A Marker type NoneDate 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

MVB E7-06



WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal CompanyWell Number E7-8Well Location (township & range) T14S R90W SEC3(Lat / Long) N 38.8594 W 107.4375County GunnisonState ColoradoElevation 8570

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ NoNature of use & current status Methane Drainage Well / Shut InHole Depth 1300 Feet Hole Diameter 12 InchesSurface Casing type / Wt. Steel / 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 PSINotes Casing crushed @ 261'

Abandonment Details

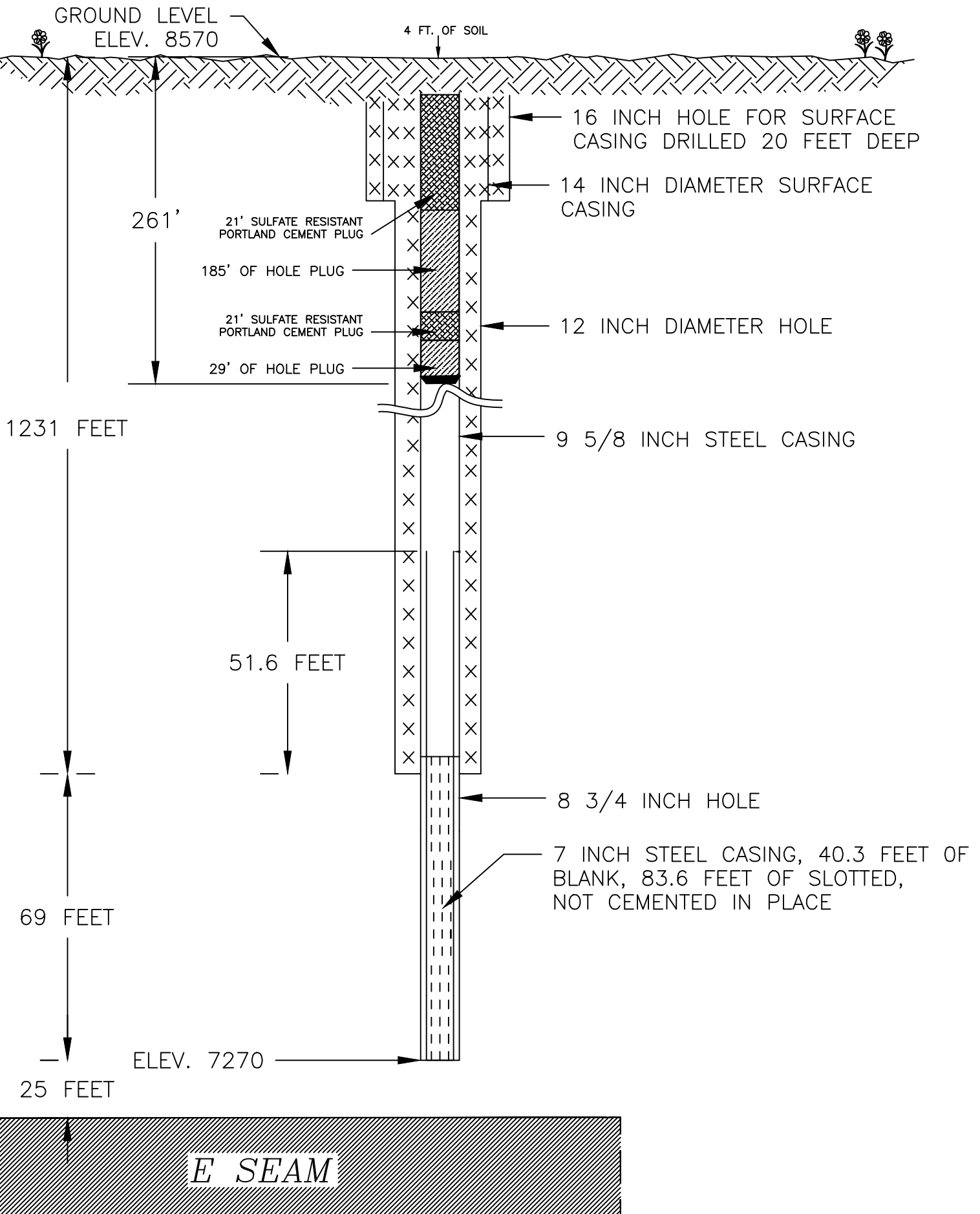
Reason for Abandonment No Longer neededBridge Plug type 9 5/8" RTJPTD of well or Bridge Plug Depth 261' FeetTotal fluid volume of well from TD or Bridge Plug 830 GallonsTotal volume of fluid used 833 GallonsMethod of sealing material placement through 2 3/8 tubingCasing cut to 3' Ft. below surface P&A Marker type NoneDate 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

MVB E7-08



WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal CompanyWell Number E7-9Well Location (township & range) T14S R90W SEC3(Lat / Long) N 38.8598 W 107.4409County GunnisonState ColoradoElevation 8574'

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ NoNature of use & current status Methane Drainage Well / Shut InHole Depth 1277 Feet Hole Diameter 12 InchesSurface 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 1193Completion Perf casing Type / Wt. Steel / 20# Size 7" Depth From 1193 To 1277Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSINotes Casing crushed @ 186'

Abandonment Details

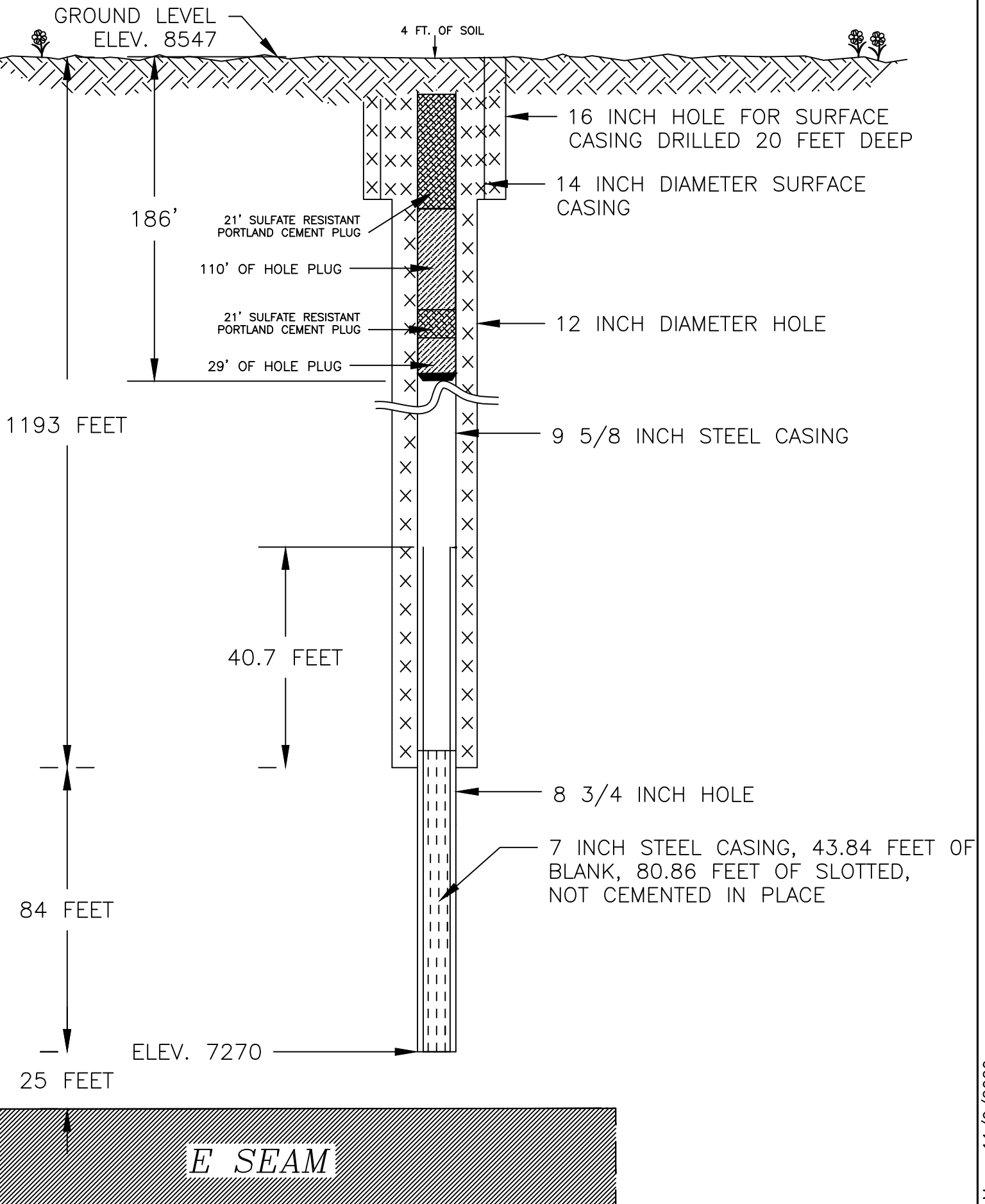
Reason for Abandonment No Longer neededBridge Plug type 9 5/8" RTJPTD of well or Bridge Plug Depth 186' FeetTotal fluid volume of well from TD or Bridge Plug 603 GallonsTotal volume of fluid used 876 GallonsMethod of sealing material placement through 2 3/8 tubingCasing cut to 3' Ft. below surface P&A Marker type NoneDate 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

MVB E7-09



WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal CompanyWell Number E8-1Well Location (township & range) T14S R90W SEC11(Lat / Long) N 38.8527 W 107.4235County GunnisonState ColoradoElevation 8267'

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ NoNature of use & current status Methane Drainage Well / Shut InHole Depth 1007 Feet Hole Diameter 12 InchesSurface Casing type / Wt. Steel / Size 14" Depth 20'Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth 880'Completion Blank Casing Type / Wt. Steel / 20# Size 7" Depth From 833 To 880Completion Perf casing Type / Wt. Steel / 20# Size 7" Depth From 880 To 1007Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSINotes Casing crushed @ 49'

Abandonment Details

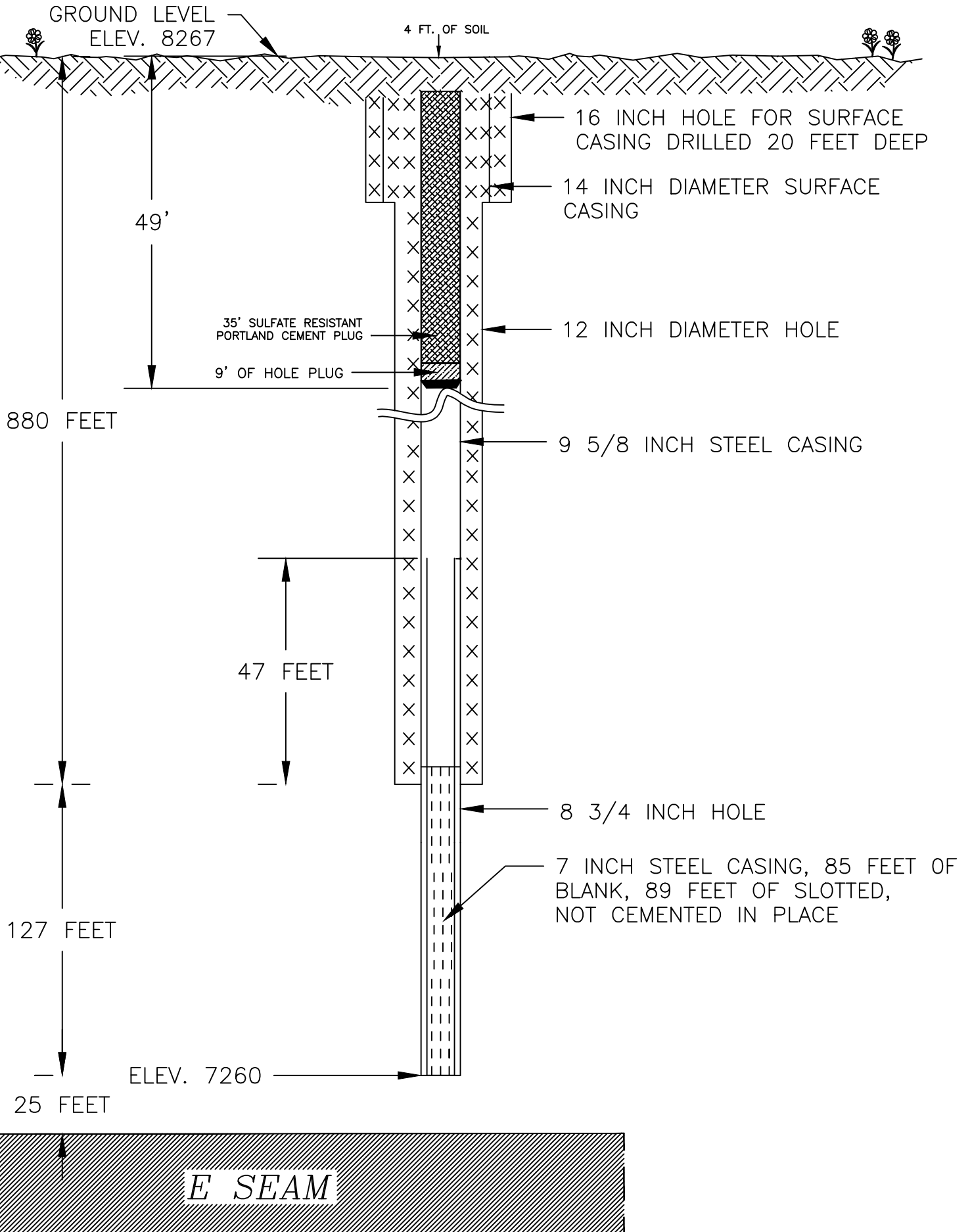
Reason for Abandonment No Longer neededBridge Plug type 9 5/8" RTJPTD of well or Bridge Plug Depth 49' FeetTotal fluid volume of well from TD or Bridge Plug 146 GallonsTotal volume of fluid used 139.5 GallonsMethod of sealing material placement through 2 3/8 tubingCasing cut to 3' Ft. below surface P&A Marker type NoneDate of Abandonment Completion 6-17-20

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
49'	48'	9 5/8" Rubber Top Job Plug		
48'	39'	Bentonite Chips	26.5 / 3.5 / 5	
39'	4'	Type I-II Cement	113 / 14.16 / 12	15.6 PPG

Notes

* All depths are from top of surface casing

MVB E8-01



WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal CompanyWell Number E8-2Well Location (township & range) T14S R90W SEC11(Lat / Long) N 38.8534 W 107.4244County GunnisonState ColoradoElevation 8269'

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ NoNature of use & current status Methane Drainage Well / Shut InHole Depth 1007 Feet Hole Diameter 12 InchesSurface Casing type / Wt. Steel / Size 14" Depth 20'Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth 920'Completion Blank Casing Type / Wt. Steel / 20# Size 7" Depth From 859' To 920'Completion Perf casing Type / Wt. Steel / 20# Size 7" Depth From 920' To 1007'Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSINotes Casing crushed @ 251'

Abandonment Details

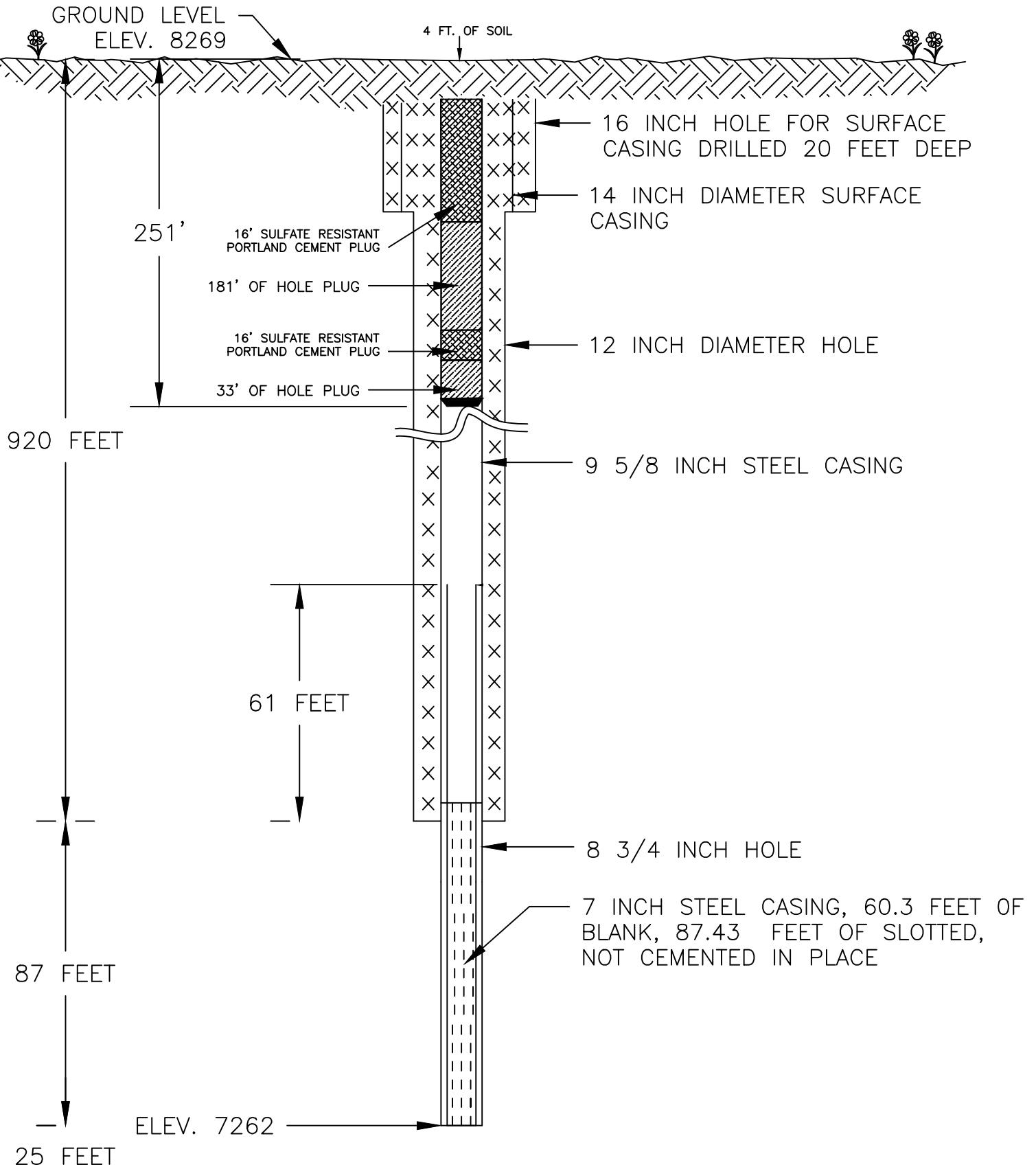
Reason for Abandonment No Longer neededBridge Plug type 9 5/8" RTJPTD of well or Bridge Plug Depth 251' FeetTotal fluid volume of well from TD or Bridge Plug 801 GallonsTotal volume of fluid used 797 GallonsMethod of sealing material placement through 2 3/8 tubingCasing cut to 3' Ft. below surface P&A Marker type NoneDate of Abandonment Completion 6-17-20

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
251'	250'	9 5/8" Rubber Top Job Plug		
250'	217'	Bentonite Chips	106 / 14 / 20	
217'	201'	Type I-II Cement	53 / 7 / 6	15.6 PPG
201'	20'	Super Plug	473 / 63 / 11	
20'	4'	Type I-II Cement	165 / 7 / 6	

Notes

* All depths are from top of surface casing

MVB E8-02



E SEAM

WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal CompanyWell Number E8-3Well Location (township & range) T14S R90W SEC10(Lat / Long) N 38.8536 W 107.4259County GunnisonState ColoradoElevation 8236'

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ NoNature of use & current status Methane Drainage Well / Shut InHole Depth 962 Feet Hole Diameter 12 InchesSurface Casing type / Wt. Steel / Size 14" Depth 20'Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth 878'Completion Blank Casing Type / Wt. Steel / 20# Size 7" Depth From 829' To 878'Completion Perf casing Type / Wt. Steel / 20# Size 7" Depth From 878' To 962'Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSINotes Casing crushed @ 188'

Abandonment Details

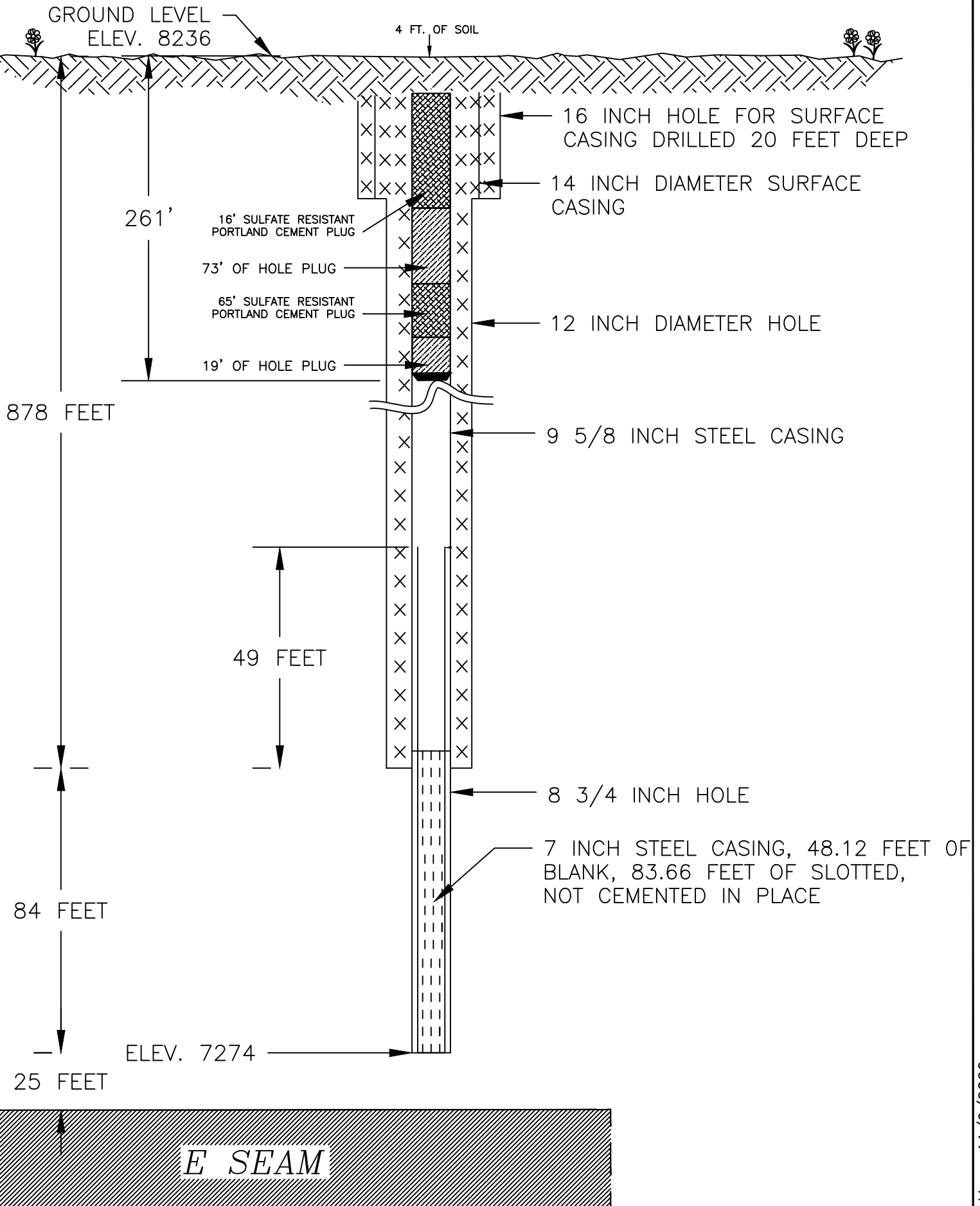
Reason for Abandonment No Longer neededBridge Plug type 9 5/8" RTJPTD of well or Bridge Plug Depth 188' FeetTotal fluid volume of well from TD or Bridge Plug 547 GallonsTotal volume of fluid used 669 GallonsMethod of sealing material placement through 2 3/8 tubingCasing cut to 3' Ft. below surface P&A Marker type NoneDate of Abandonment Completion 6-17-20

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
188'	187'	9 5/8" Rubber Top Job Plug		
187'	158'	Bentonite Chips	95 / 12.6 / 18	
158'	93'	Type I-II Cement	65 / 7 / 6	15.6 PPG
93'	20'	Super Plug	344 / 46 / 8	
20'	4'	Type I-II Cement	165 / 7 / 6	

Notes

* All depths are from top of surface casing

MVB E8-03



WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal CompanyWell Number E8-4Well Location (township & range) T14S R90W SEC10(Lat / Long) N 38.8538 W 107.4275County GunnisonState ColoradoElevation 8174'

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ NoNature of use & current status Methane Drainage Well / Shut InHole Depth 913 Feet Hole Diameter 12 InchesSurface Casing type / Wt. Steel / Size 14" Depth 20'Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth 818'Completion Blank Casing Type / Wt. Steel / 20# Size 7" Depth From 767' To 818'Completion Perf casing Type / Wt. Steel / 20# Size 7" Depth From 818' To 913'Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSINotes Casing crushed @ 99'

Abandonment Details

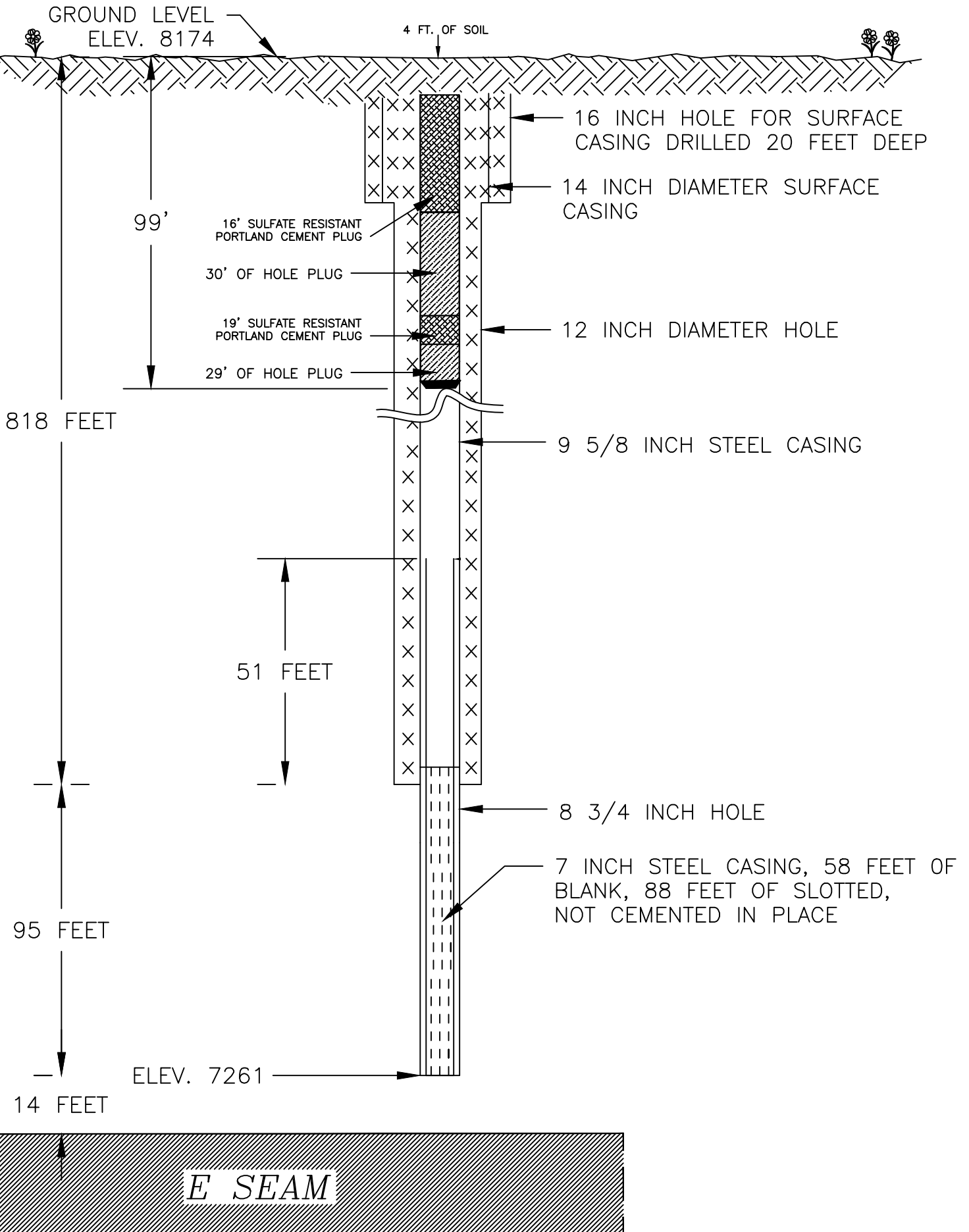
Reason for Abandonment No Longer neededBridge Plug type 9 5/8" RTJPTD of well or Bridge Plug Depth 99' FeetTotal fluid volume of well from TD or Bridge Plug 321 GallonsTotal volume of fluid used 554 GallonsMethod of sealing material placement through 2 3/8 tubingCasing cut to 3' Ft. below surface P&A Marker type NoneDate of Abandonment Completion 6-17-20

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
99'	98'	9 5/8" Rubber Top Job Plug		
98'	69'	Bentonite Chips	95 / 12.6 / 18	
69'	50'	Type I-II Cement	165 / 7 / 6	15.6 PPG
50'	20'	Super Plug	129 / 17 / 3	
20'	4'	Type I-II Cement	165 / 7 / 6	

Notes

* All depths are from top of surface casing

MVB E8-04



WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal CompanyWell Number E8-5Well Location (township & range) T14S R90W SEC10(Lat / Long) N 38.8541 W 107.4304County GunnisonState ColoradoElevation 8071'

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ NoNature of use & current status Methane Drainage Well / Shut InHole Depth 769 Feet Hole Diameter 12 InchesSurface Casing type / Wt. Steel / Size 14" Depth 20'Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth 668'Completion Blank Casing Type / Wt. Steel / 20# Size 7" Depth From 628' To 668'Completion Perf casing Type / Wt. Steel / 20# Size 7" Depth From 668' To 769'Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSINotes Casing crushed @ 70'

Abandonment Details

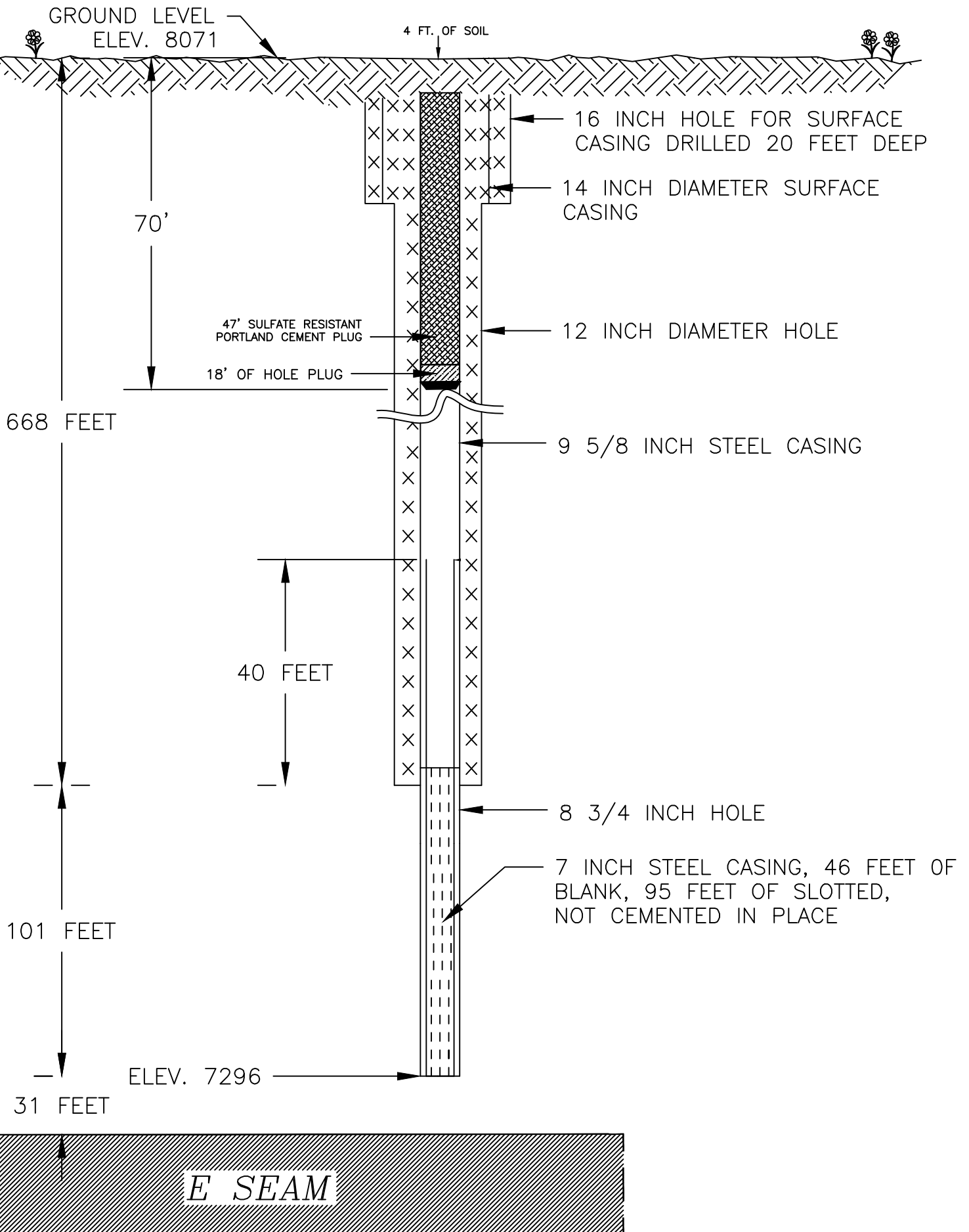
Reason for Abandonment No Longer neededBridge Plug type 9 5/8" RTJPTD of well or Bridge Plug Depth 70' FeetTotal fluid volume of well from TD or Bridge Plug 207 GallonsTotal volume of fluid used 220 GallonsMethod of sealing material placement through 2 3/8 tubingCasing cut to 3' Ft. below surface P&A Marker type NoneDate of Abandonment Completion 6-25-20

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
70'	69'	9 5/8" Rubber Top Job Plug		
69'	51'	Bentonite Chips	58 / 7.7 / 11	
51'	4'	Type I-II Cement	162 / 20 / 17	15.6 PPG

Notes

* All depths are from top of surface casing

MVB E8-05



WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal CompanyWell Number E8-6Well Location (township & range) T14S R90W SEC10(Lat / Long) N 38.8548 W 107.4329County GunnisonState ColoradoElevation 8039'

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ NoNature of use & current status Methane Drainage Well / Shut InHole Depth 723 Feet Hole Diameter 12 InchesSurface 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 PSINotes Casing crushed @ 133'

Abandonment Details

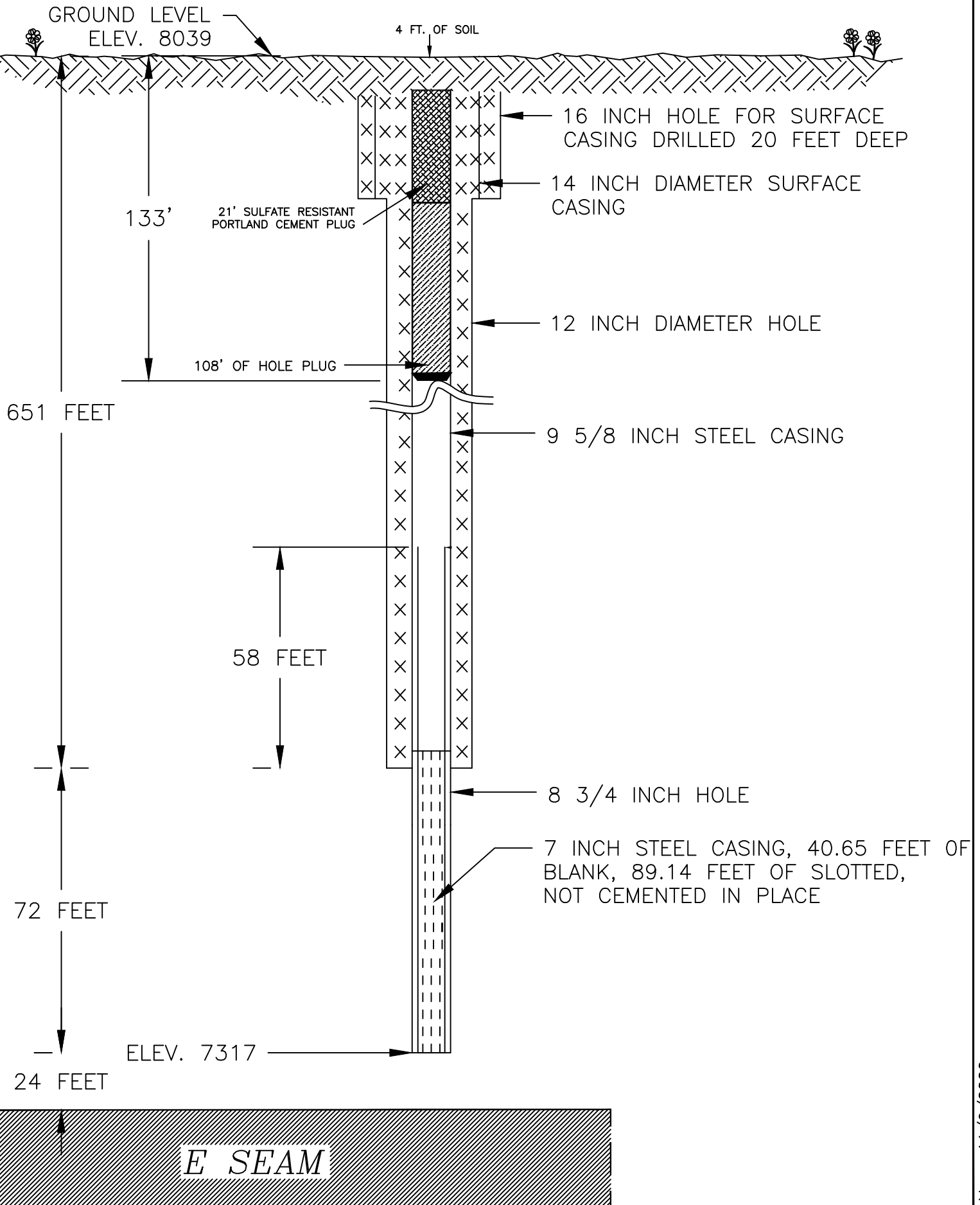
Reason for Abandonment No Longer neededBridge Plug type 9 5/8" RTJPTD of well or Bridge Plug Depth 133' FeetTotal fluid volume of well from TD or Bridge Plug 418 GallonsTotal volume of fluid used 416 GallonsMethod of sealing material placement through 2 3/8 tubingCasing cut to 3' Ft. below surface P&A Marker type NoneDate 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

MVB E8-06



WELL ABANDONMENT REPORT

Date 7-1-2020

Well Identification

Owner Mountain Coal CompanyWell Number E8-7Well Location (township & range) T14S R90W SEC10(Lat / Long) N 38.8553 W 107.4361County GunnisonState ColoradoElevation 7986'

Existing Well Details

Is a well drillers report available? ☐ Yes ☒ NoNature of use & current status Methane Drainage Well / Shut InHole Depth 669 Feet Hole Diameter 12 InchesSurface Casing type / Wt. Steel / Size 14" Depth 20'Intermediate Casing Type / Wt. Steel / 36# Size 9 5/8" Depth 583'Completion Blank Casing Type / Wt. Steel / 20# Size 7" Depth From 540' To 583'Completion Perf casing Type / Wt. Steel / 20# Size 7" Depth From 583' To 669'Static Fluid Level Depth N/A Feet - Artesian Flow None GPM - Shut-In Pressure N/A PSINotes Casing crushed @ 52'

Abandonment Details

Reason for Abandonment No Longer neededBridge Plug type 9 5/8" RTJPTD of well or Bridge Plug Depth 52' FeetTotal fluid volume of well from TD or Bridge Plug 155 GallonsTotal volume of fluid used 150 GallonsMethod of sealing material placement through 2 3/8 tubingCasing cut to 3' Ft. below surface P&A Marker type NoneDate of Abandonment Completion 6-25-20

Depth (Feet)		Material Used	Quantity	Density
From	To		Gal. / CuFt. / Sks.	Lbs./Gal.
52'	51'	9 5/8" Rubber Top Job Plug		
51'	25'	Bentonite Chips	82 / 11.2 / 16	
25'	4'	Type I-II Cement	68 / 8.2 / 7	15.6 PPG

Notes

* All depths are from top of surface casing

MVB E8-07

