

Form No. GWS-31 02/2017	WELL CONSTRUCTION AND YIELD ESTIMATE REPORT State of Colorado, Office of the State Engineer 1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581 www.water.state.co.us and dwrpermitsonline@state.co.us	For Office Use Only RECEIVED AUG 07 2019 WATER RESOURCES STATE ENGINEER COLO				
1. Well Permit Number: 312215 Receipt Number: 3689754						
2. Owner's Well Designation:						
3. Well Owner Name: RAY ZITTOSEN						
4. Well Location Street Address: 3984 ELKHORN RD. HARTSEL, CO 80449						
5. As Built GPS Well Location (required): <input type="checkbox"/> Zone 12 <input checked="" type="checkbox"/> Zone 13 Easting: 437905.7 Northing: 4327453.09						
6. Legal Well Location: NE 1/4, NE 1/4, Sec., 13 Twp. 11 <input type="checkbox"/> N or S <input checked="" type="checkbox"/> Range 75 <input type="checkbox"/> E or W <input checked="" type="checkbox"/> SIXTH P.M. County: PARK Subdivision: SOUTH PARK RANCHES, Lot 54, Block _____, Filing (Unit) 53						
7. Ground Surface Elevation: _____ feet Date Completed: 7-24-2019 Drilling Method: AIR PERCUSSION						
8. Completed Aquifer Name : SHALE Total Depth: 120 feet Depth Completed: 120 feet						
9. Advance Notification: Was Notification Required Prior to Construction? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Date Notification Given: _____						
10. Aquifer Type: <input type="checkbox"/> Type I (One Confining Layer) <input type="checkbox"/> Type I (Multiple Confining Layers) <input type="checkbox"/> Laramie-Fox Hills (Check one) <input checked="" type="checkbox"/> Type II (Not overlain by Type III) <input type="checkbox"/> Type II (Overlain by Type III) <input type="checkbox"/> Type III (alluvial/colluvial)						
11. Geologic Log:		12. Hole Diameter (in.)				
Depth	Type	Grain Size	Color	Water Loc.	From (ft)	To (ft)
0-8	CLAY		BROWN		0	40
8-19	SHALE		TAN		40	120
19-35	SHALE		GREY			
35-60	SHALE		TAN			
60-120	SHALE		GREY	85-90		
13. Plain Casing						
OD (in)	Kind	Wall Size (in)	From (ft)	To (ft)		
6 5/8	STEEL	.188	+1	40		
4 1/2	PVC	SCH 40	10	70		
4 1/2	PVC	SCH 40	110	120		
14. Filter Pack: 15. Packer Placement:						
Material SAND					Type N/A	
Size 8X12					Depth _____	
Interval 50-120						
16. Grouting Record						
Material	Amount	Density	Interval	Method		
PORTLAND	658 LBS	15 #	2-40'	POUR/VIBRATE		
Remarks:						
17. Disinfection: Type GRANULAR CHLORINE Amt. Used 3/4 CUP						
18. Well Yield Estimate Data: <input type="checkbox"/> Check box if Test Data is submitted on Form Number GWS-39, Well Yield Test Report Well Yield Estimate Method: AIR LIFT						
Static Level: 45 FEET				Estimated Yield (gpm) 15		
Date/Time measured: 7-24-2019				Estimate Length (hrs) 2		
Remarks:						
19. I have read the statements made herein and know the contents thereof, and they are true to my knowledge. This document is signed (or name entered if filing online) and certified in accordance with Rule 17.4 of the Water Well Construction Rules, 2 CCR 402 2. The filing of a document that contains false statements is a violation of section 37 91 108(1)(e), C.R.S., and is punishable by fines up to \$1,000 and/or revocation of the contracting license. If filing online the State Engineer considers the entry of the licensed contractor's name to be compliance with Rule 17.4.						
Company Name: BLACK MOUNTAIN DRILLING LLC.		Email: BLACKMOUNTAINDRILLING@LIVE.COM		Phone w/area code: 719-687-5708		License Number: 1515
Mailing Address: PO BOX 744 DIVIDE, CO 80814						
Sign (or enter name if filing online) ADAM J. SCHNOES			Print Name and Title ADAM J. SCHNOES, CONTRACTOR			Date: 7-26-2019