## For Office Use Only WELL CONSTRUCTION AND YIELD ESTIMATE REPORT Form No. State of Colorado, Office of the State Engineer GWS-31 1313 Sherman St., Room 821, Denver, CO 80203 303.866.3581 9/2016 www.water.state.co.us and dwrpermitsonline@state.co.us 1. Well Permit Number: 315899 Receipt Number: 3695514 2. Owner's Well Designation: 3. Well Owner Name: Nicholas D Bazan 4. Well Location Street Address: 37855 Shear Road County: El Paso 5. GPS Well Location: Zone 12 Tone 13 Easting: 575812.0 Northing: 4282822 6. Legal Well Location: SE 1/4, NE 1/4, Sec., 5 Twp. 16 N or S , Range 60 E or W , 6th P.M. Distances from Section Lines: \_\_\_\_\_ ft. from N or S section line, and \_\_\_\_ ft. from E or W section line \_\_\_\_\_, Lot \_\_\_\_\_, Block \_\_\_\_\_\_, Filing (Unit) \_ Subdivision: feet Date Completed: 04/03/2020 Drilling Method: Mud Rotary 7. Ground Surface Elevation: 8. Completed Aquifer Name: Pierre Shale Total Depth: 380 Depth Completed: 380 feet feet 9. Advance Notification: Was Notification Required Prior to Construction? 🔲 Yes 🔳 No, Date Notification Given: Type I (One Confining Layer) Type I (Multiple Confining Layers) 10. Aguifer Type: Laramie-Fox Hills Type II (Not overlain by Type III) Type III (alluvial/colluvial) (Check one) Type II (Overlain by Type III) 11. Geologic Log: 12. Hole Diameter (in.) From (ft) To (ft) Grain Size Color 83 Depth Type Water Loc. 9" 0 0-1 Top soil 6 1/2" 83 380 135 Sand, Gravel, Clay 13. Plain Casing 155 Clay, Shale Blue To (ft) 185 Sandrock Fine Blue OD (in) Kind Wall Size (in) From (ft) 83 7" Steel .188 +1 205 Clay, Shale PVC 180 380 Sandrock 4 1/2" Sch 40 15 **Perforated Casing** To (ft) OD (in) Wall Size (in) Kind From (ft) 380 PVC 4 1/2" Sch 40 180 14. Filter Pack: 15. Packer Placement: Material Type Rubber Size 150 Interval Depth 16. Grouting Record Material Density Interval Placement Amount Remarks: Bentonite Pellets from 145-150 0-83 Pumped 14 Sacks 84 Gal Cement 48 Gal 70-145 Pumped 8 Sacks Cement 17. Disinfection: Type HTH Amt. Used 6 Oz 18. Well Yield Estimate Data: Theck box if Test Data is submitted on Form Number GWS-39, Well Yield Test Report Well Yield Estimate Method: Bailed

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.

Estimate Length (hrs) 4

Static Level: 185

Date/Time measured:

04/03/2020

Estimated Production Rate 8-10 gpm.

Company Name:	Email:	Phone w/area code:	License Number:
Kunau Drilling LLC	kunaudrilling@aol.com	(719) 683-3720	1148
Mailing Address: 23945 Lucky Lane Calhan,	CO 80808		
Sign (or enter name if filing online)	Print Name and Title		Date:
Tim Kunau	Tim Kunau/ Manager		04/15/2020