



**DOCUMENT 00 90 01  
ADDENDUM #1**

**Project:** 2021-0356

**Date:** Thursday, October 21, 2021  
**Bid Date:** Wednesday, October 26, 2021  
**Bid Time:** 3:00 pm

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This addendum shall be considered part of the Contract Document for the above referenced project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract Documents, this Addendum shall govern and take precedence. Receipt of this addendum shall be acknowledged on page C-1 of the Bid Form.

The bid date has been pushed back one day. Bids will be received until 3:00pm on Wednesday, October 27, 2021.

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## **Project Manual**

### Notice to Inviting Bids

Receipt of Bids – Amend bid due date and time to read as follows:

*...until 3:00pm, on ~~Tuesday, October 26, 2021~~, Wednesday, October 27, 2021 for construction of the ...*

### Section 33 11 22 – Water Well Swage Patch

Paragraph 3.1.A.1.c – Delete paragraph 3.1.A.1.c in its entirety and replace with the following:

*c. Retrieve and clean existing column pipe from Nickerson’s Yard.*

Paragraph 3.1.D - Delete paragraph 3.1.D in its entirety and replace with the following:

*D. Clean Existing Column Pipe*

- 1. After retrieving existing casing, all existing pumping equipment to be reinstalled in the well shall be disassembled and all mineral accumulation shall be removed prior to cleaning.*
- 2. All existing permanent pumping equipment that will be reinstalled in the well shall be thoroughly cleaned inside and out.*
- 3. Cleaning is to include wire brushing to remove all iron oxide scale and any mineral deposition prior to steam cleaning.*
- 4. Water used for cleaning shall maintain a chlorine level of at least 50 parts per million.*
- 5. After steam cleaning the pumping equipment shall be reassembled and*

*prepared for installation.*

6. *Cleaning of the existing pumping equipment shall be performed at the Contractor's yard prior to transporting the existing pumping equipment to the Site of Work.*

Paragraph 3.1.F - Delete paragraph 3.1.F in its entirety and replace with the following:

**F. Tremie Lines**

1. *The Contractor shall re-install the existing 3 PVC tremie lines (one for chemical addition, one for the sounder, and one for the transducer) into the well simultaneously with the pumping equipment. Perforations will need to be installed in the chemical addition line at approximately 10-foot intervals, as directed by the Engineer.*
2. *The Contractor shall replace any damaged or broken tremie lines as needed, perforating any new chemical addition tremie pipe to match existing. For Bidding purposes, assume all necessary pipe is usable and present.*
3. *The tremie lines shall be strapped to the pump column above the bowls and existing centralizers shall be reinstalled below the bowls at 40-foot intervals to center the line in the well.*
4. *Contractor shall reinstall existing stainless steel tremie saddle, stored at Nickerson Co's shop, to get around the pump assembly.*
5. *The tremie lines shall be labeled and sealed at the surface where it connects to the well head.*

**Section 33 11 23 – Deep Well Vertical Turbine Pump, Motor and Appurtenances**

Paragraph 1.5.B.1 – Amend the Total Dynamic Head to be **640 Feet TDH** with an Optimal Design Capacity of **2,700 gpm**.

Paragraph 2.1.A – Amend paragraph 2.1.A by striking out the following text:

*Contractor to inspect existing column, tube, shaft, and bearings and verify they meet required tolerances to reuse. If conditions fall short, more may need to be replaced.*

Paragraph 2.2.B – Amend the first sentence in paragraph 2.2.B by striking out and adding the following text:

*The pump shaft shall be of ASTM A276 ~~GR416~~ **17-4** stainless steel, turned, ground and polished. It shall be supported by ~~316~~ **17-4** stainless steel marine bearings above and below each impeller.*

Paragraph 2.6.A – Delete paragraph 2.6.A in its entirety and replace with the following:

- A. *General. The existing PVC sounder tube shall be reinstalled with the column. If broken pieces need replacing, the sounder tube shall be a minimum of 1.5" schedule 80 flush thread PVC pipe. Threads shall conform to ASTM F480. The sounder tube shall extend from the top of the pump assembly to the surface. The bottom of the sounder tube shall be capped. The bottom 10 feet of the sounder tube shall be slotted. Slots shall be 0.020" and conform to ASTM F480. The sounder tube shall be strapped to the discharge column with stainless steel bands.*



## Project Drawings

### Sheet G002

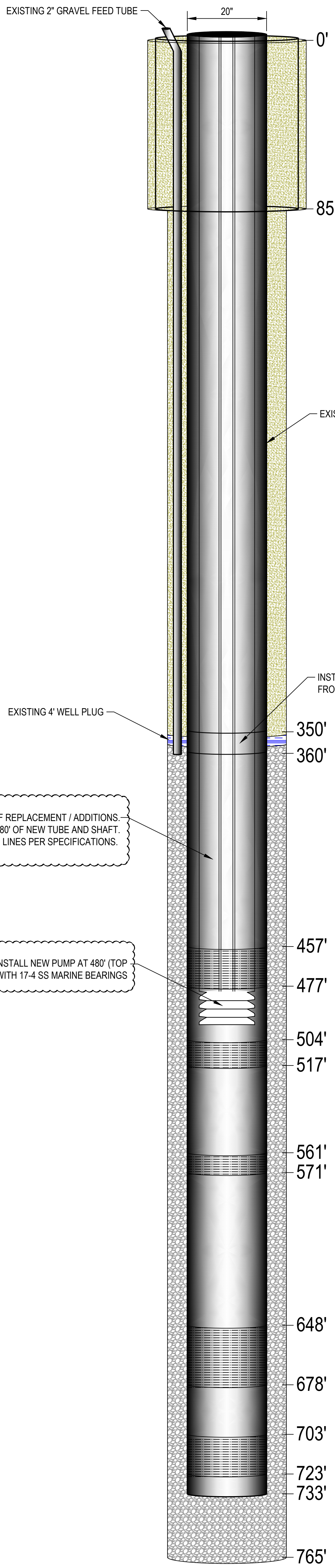
Delete and replace this sheet. A note has been added regarding the reinstallation of the existing tremie lines as well as the change from 316SS marine bearings to 17-4 SS marine bearings and pump shaft.

### Attachments:






1. Sheet G002

**END OF ADDENDUM**

### 9th & 85th Well JWWCD



#### LEGEND

-  CEMENT
-  6 X 9 GRAVEL PACK
-  BLANK STEEL CASING
-  80-SLOT SS WIRE WRAP SCREEN
-  BENTONITE SEAL

**DRILLED 1998**  
**STATIC 250'**

REVISIONS	CH	10/20/2021	ADDENDUM #1

IF THE ABOVE SCALE BAR DOES NOT MEASURE 1-INCH IN LENGTH, DO NOT USE THIS DRAWING FOR SCALING PURPOSES. DIMENSIONS AND MEASUREMENTS SPECIFIED IN THE DRAWING TAKE PRECEDENCE TO SCALED MEASUREMENTS.

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PROJECT	W. HIRST, P.E.
DESIGNED BY	M. CHANDLER, P.E., P.G.
DRAWN BY	C. HATCH
CHECKED BY	AS SHOWN
DATE	SEPTEMBER 2021



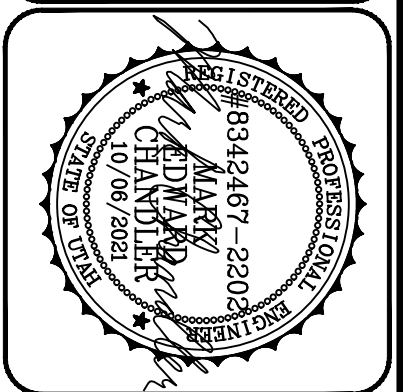
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8515 S 900 E

JORDAN VALLEY WATER CONSERVANCY DISTRICT  
**9TH & 85TH WELL PATCH & RE-EQUIPPING**  
MODIFIED WELL DIAGRAM

SANDY, UT 84094



PROJECT NUMBER	2021-0356
SHEET NUMBER	2
TOTAL SHEETS	2
SHEET NUMBER	G002