

Final Project Completion Report

Project Name and Number: **Four Well Rehabilitation, #4119**

Description: Well rehabilitation at the 1850 E Newbury, 1000 E 7800 S, 9800 S 2300 E, and 8200 S 700 E wells. Work included removing the existing pumping equipment, video inspection of well casing and screen, redevelopment, and installation of new pump equipment. Video inspection of the 9800 S 2300 E revealed extensive screen failures due to corrosion. This well was re-lined and the pump equipment will be installed under a separate construction contract. The 1850 E Newbury, 1000 E 7800 S, and 8200 S 700 E wells are complete and operational.

District Project Manager: **Kevin Rubow**

Engineer:	CRS Engineering	Design Status: 100%
Original Engineering Contract Amount:		\$49,850
Final Engineering Contract Amount:		\$78,080

Contractor:	Nickerson Company	Construction Status: 100%
Original construction contract amount:		\$1,350,022
Total Change Order amount:		-\$15,615
Final construction contract amount:		\$1,334,407
Total change orders as a percentage of original contract:		-1.2%
Completion Schedule:		
	Notice to Proceed:	9/12/2019
	Final Completion:	8/2/2022

Summary of Change Orders:		
	Description	Amount
1	Motor vibration and run test for the pump motors at the Newbury well and 1000 E 7800 S well. Rebuild the vertical turbine pump for the 1000 E 7800 S well.	\$16,530
2	Installation of sounder tubes and pumping equipment for the 10&78 well.	\$8,572
3	Additional cost to re-mobilize to the site following the well lining project. Additional cost to uncouple pump from the motor to perform diagnostic testing on the electrical equipment at the Newbury well.	\$16,220
4	Install casing spacers at the 1000 E 7800 S well.	\$1,416
5	Reconcile unused work and material quantities such as installation of swage patch and reinstallation of pump and motor at the 9800 S 2300 E well.	-\$58,353
	Total Change Order Amount:	-\$15,615

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Setting development rig at the 8200 S 700 E well.



Pump equipment for the 1000 E 7800 S well.



Removing pump equipment at the Newbury well.



9800 S 2300 E well development.



New 14-inch column pipe, tube, and shaft.



Pump to waste during well start-up.