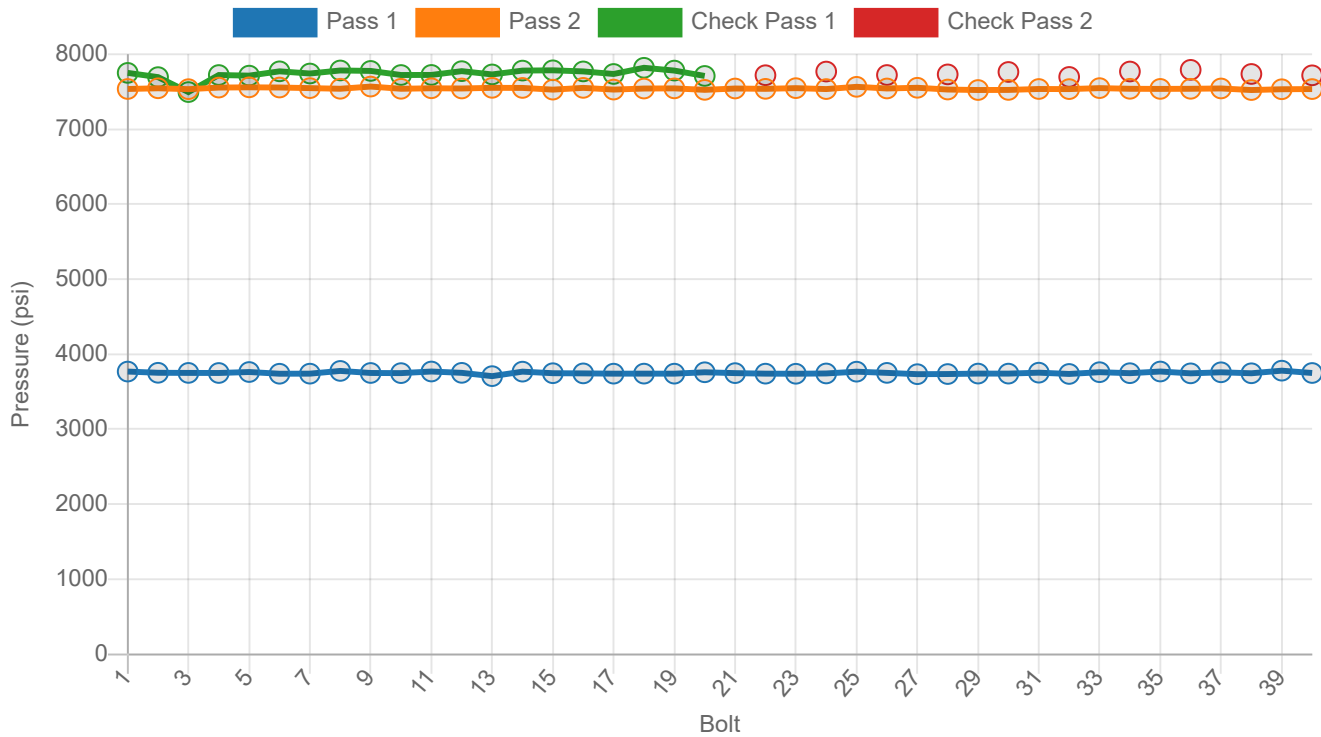


Chart



Job properties

Name Flange 473	Team	Project Permian Basin
Torque assembly Base Flange - 40 lb	Pass count 2	Torque wrench Hytorc Stealth 4

Status	Start date	Finish date
	8/12/24	8/12/24
Latitude	Longitude	
34.2338387 °	-118.2254984 °	

Torque assembly properties

Flange	Flange standard	Flange pipe diameter
Flange working pressure	Bolt	Bolt diameter
Bolt thread pitch	Bolt material	Min yield strength
Lubricant	Coefficient of friction	Bolt pattern
		Circle
Bolt count	Target torque	Target percent yield
40	3000 lbf-ft	
Target tension		
0 lbf		

Traceability data points

Event	Pass	Bolt	Name	Value	Capture date

Bolt data points

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
RJlannello	1	Tightened	1	3745 psi	3768 psi	1509 lbf-ft	8/12/24, 5:42 PM	Hytorc Stealth 4	
RJlannello	2	Tightened	1	3745 psi	3751 psi	1502 lbf-ft	8/12/24, 5:42 PM	Hytorc Stealth 4	
RJlannello	3	Tightened	1	3745 psi	3750 psi	1502 lbf-ft	8/12/24, 5:42 PM	Hytorc Stealth 4	
RJlannello	4	Tightened	1	3745 psi	3749 psi	1501 lbf-ft	8/12/24, 5:42 PM	Hytorc Stealth 4	
RJlannello	5	Tightened	1	3745 psi	3762 psi	1507 lbf-ft	8/12/24, 5:42 PM	Hytorc Stealth 4	
RJlannello	6	Tightened	1	3745 psi	3739 psi	1497 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	7	Tightened	1	3745 psi	3740 psi	1498 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	8	Tightened	1	3745 psi	3776 psi	1512 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	9	Tightened	1	3745 psi	3749 psi	1501 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	10	Tightened	1	3745 psi	3747 psi	1501 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	11	Tightened	1	3745 psi	3768 psi	1509 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	12	Tightened	1	3745 psi	3751 psi	1502 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	13	Tightened	1	3745 psi	3707 psi	1485 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	14	Tightened	1	3745 psi	3767 psi	1509 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	15	Tightened	1	3745 psi	3746 psi	1500 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	16	Tightened	1	3745 psi	3743 psi	1499 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	17	Tightened	1	3745 psi	3740 psi	1498 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	
RJlannello	18	Tightened	1	3745 psi	3740 psi	1498 lbf-ft	8/12/24, 5:43 PM	Hytorc Stealth 4	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
								4	
RJlannello	19	Tightened	1	3745 psi	3740 psi	1498 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	20	Tightened	1	3745 psi	3758 psi	1505 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	21	Tightened	1	3745 psi	3747 psi	1501 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	22	Tightened	1	3745 psi	3740 psi	1498 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	23	Tightened	1	3745 psi	3738 psi	1497 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	24	Tightened	1	3745 psi	3742 psi	1499 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	25	Tightened	1	3745 psi	3766 psi	1508 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	26	Tightened	1	3745 psi	3750 psi	1502 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	27	Tightened	1	3745 psi	3733 psi	1495 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	28	Tightened	1	3745 psi	3735 psi	1496 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	29	Tightened	1	3745 psi	3741 psi	1498 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	30	Tightened	1	3745 psi	3740 psi	1498 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	31	Tightened	1	3745 psi	3753 psi	1503 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	32	Tightened	1	3745 psi	3736 psi	1496 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	33	Tightened	1	3745 psi	3759 psi	1506 lbf-ft	8/12/24, 5:44 PM	Hytorc Stealth 4	
RJlannello	34	Tightened	1	3745 psi	3746 psi	1500 lbf-ft	8/12/24, 5:45 PM	Hytorc Stealth 4	
RJlannello	35	Tightened	1	3745 psi	3768 psi	1509 lbf-ft	8/12/24, 5:45 PM	Hytorc Stealth 4	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
RJlannello	36	Tightened	1	3745 psi	3744 psi	1499 lbf-ft	8/12/24, 5:45 PM	Hytorc Stealth 4	
RJlannello	37	Tightened	1	3745 psi	3758 psi	1505 lbf-ft	8/12/24, 5:45 PM	Hytorc Stealth 4	
RJlannello	38	Tightened	1	3745 psi	3745 psi	1500 lbf-ft	8/12/24, 5:45 PM	Hytorc Stealth 4	
RJlannello	39	Tightened	1	3745 psi	3780 psi	1514 lbf-ft	8/12/24, 5:45 PM	Hytorc Stealth 4	
RJlannello	40	Tightened	1	3745 psi	3749 psi	1501 lbf-ft	8/12/24, 5:45 PM	Hytorc Stealth 4	
RJlannello	1	Tightened	2	7505 psi	7536 psi	3012 lbf-ft	8/12/24, 5:46 PM	Hytorc Stealth 4	
RJlannello	2	Tightened	2	7505 psi	7545 psi	3016 lbf-ft	8/12/24, 5:46 PM	Hytorc Stealth 4	
RJlannello	3	Tightened	2	7505 psi	7533 psi	3011 lbf-ft	8/12/24, 5:46 PM	Hytorc Stealth 4	
RJlannello	4	Tightened	2	7505 psi	7554 psi	3020 lbf-ft	8/12/24, 5:46 PM	Hytorc Stealth 4	
RJlannello	5	Tightened	2	7505 psi	7558 psi	3021 lbf-ft	8/12/24, 5:46 PM	Hytorc Stealth 4	
RJlannello	6	Tightened	2	7505 psi	7555 psi	3020 lbf-ft	8/12/24, 5:46 PM	Hytorc Stealth 4	
RJlannello	7	Tightened	2	7505 psi	7547 psi	3017 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	8	Tightened	2	7505 psi	7539 psi	3014 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	9	Tightened	2	7505 psi	7568 psi	3025 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	10	Tightened	2	7505 psi	7538 psi	3013 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	11	Tightened	2	7505 psi	7545 psi	3016 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	12	Tightened	2	7505 psi	7542 psi	3015 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	13	Tightened	2	7505 psi	7551 psi	3019 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
								4	
RJlannello	14	Tightened	2	7505 psi	7550 psi	3018 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	15	Tightened	2	7505 psi	7527 psi	3009 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	16	Tightened	2	7505 psi	7550 psi	3018 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	17	Tightened	2	7505 psi	7528 psi	3009 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	18	Tightened	2	7505 psi	7541 psi	3015 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	19	Tightened	2	7505 psi	7544 psi	3016 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	20	Tightened	2	7505 psi	7524 psi	3008 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	21	Tightened	2	7505 psi	7542 psi	3015 lbf-ft	8/12/24, 5:47 PM	Hytorc Stealth 4	
RJlannello	22	Tightened	2	7505 psi	7538 psi	3013 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	23	Tightened	2	7505 psi	7547 psi	3017 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	24	Tightened	2	7505 psi	7534 psi	3012 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	25	Tightened	2	7505 psi	7564 psi	3024 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	26	Tightened	2	7505 psi	7542 psi	3015 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	27	Tightened	2	7505 psi	7552 psi	3019 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	28	Tightened	2	7505 psi	7528 psi	3009 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	29	Tightened	2	7505 psi	7522 psi	3007 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	30	Tightened	2	7505 psi	7523 psi	3007 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
RJlannello	31	Tightened	2	7505 psi	7535 psi	3012 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	32	Tightened	2	7505 psi	7534 psi	3012 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	33	Tightened	2	7505 psi	7547 psi	3017 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	34	Tightened	2	7505 psi	7538 psi	3013 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	35	Tightened	2	7505 psi	7537 psi	3013 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	36	Tightened	2	7505 psi	7538 psi	3013 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	37	Tightened	2	7505 psi	7543 psi	3015 lbf-ft	8/12/24, 5:48 PM	Hytorc Stealth 4	
RJlannello	38	Tightened	2	7505 psi	7522 psi	3007 lbf-ft	8/12/24, 5:49 PM	Hytorc Stealth 4	
RJlannello	39	Tightened	2	7505 psi	7532 psi	3011 lbf-ft	8/12/24, 5:49 PM	Hytorc Stealth 4	
RJlannello	40	Tightened	2	7505 psi	7534 psi	3012 lbf-ft	8/12/24, 5:49 PM	Hytorc Stealth 4	
RJlannello	1	Tightened	CP 1	7755 psi	7750 psi	3098 lbf-ft	8/12/24, 5:49 PM	Hytorc Stealth 4	
RJlannello	2	Tightened	CP 1	7755 psi	7694 psi	3076 lbf-ft	8/12/24, 5:49 PM	Hytorc Stealth 4	
RJlannello	3	Tightened	CP 1	7755 psi	7495 psi	3007 lbf-ft	8/12/24, 5:49 PM	Hytorc Stealth 4	
RJlannello	4	Tightened	CP 1	7755 psi	7722 psi	3087 lbf-ft	8/12/24, 5:49 PM	Hytorc Stealth 4	
RJlannello	5	Tightened	CP 1	7755 psi	7714 psi	3084 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	6	Tightened	CP 1	7755 psi	7771 psi	3106 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	7	Tightened	CP 1	7755 psi	7742 psi	3095 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	8	Tightened	CP 1	7755 psi	7782 psi	3111 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
								4	
RJlannello	9	Tightened	CP 1	7755 psi	7776 psi	3109 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	10	Tightened	CP 1	7755 psi	7722 psi	3087 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	11	Tightened	CP 1	7755 psi	7723 psi	3087 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	12	Tightened	CP 1	7755 psi	7773 psi	3107 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	13	Tightened	CP 1	7755 psi	7730 psi	3090 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	14	Tightened	CP 1	7755 psi	7781 psi	3110 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	15	Tightened	CP 1	7755 psi	7784 psi	3112 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	16	Tightened	CP 1	7755 psi	7770 psi	3106 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	17	Tightened	CP 1	7755 psi	7736 psi	3092 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	18	Tightened	CP 1	7755 psi	7818 psi	3125 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	19	Tightened	CP 1	7755 psi	7781 psi	3110 lbf-ft	8/12/24, 5:50 PM	Hytorc Stealth 4	
RJlannello	20	Tightened	CP 1	7755 psi	7709 psi	3082 lbf-ft	8/12/24, 5:51 PM	Hytorc Stealth 4	
RJlannello	22	Tightened	CP 2	7755 psi	7719 psi	3086 lbf-ft	8/12/24, 5:51 PM	Hytorc Stealth 4	
RJlannello	24	Tightened	CP 2	7755 psi	7768 psi	3105 lbf-ft	8/12/24, 5:51 PM	Hytorc Stealth 4	
RJlannello	26	Tightened	CP 2	7755 psi	7722 psi	3087 lbf-ft	8/12/24, 5:51 PM	Hytorc Stealth 4	
RJlannello	28	Tightened	CP 2	7755 psi	7730 psi	3090 lbf-ft	8/12/24, 5:51 PM	Hytorc Stealth 4	
RJlannello	30	Tightened	CP 2	7755 psi	7762 psi	3103 lbf-ft	8/12/24, 5:51 PM	Hytorc Stealth 4	

Operator	Bolt	Status	Pass	Target pressure	Pressure	Torque	Capture date	Torque wrench	
RJlannello	32	Tightened	CP 2	7755 psi	7696 psi	3077 lbf-ft	8/12/24, 5:51 PM	Hytorc Stealth 4	
RJlannello	34	Tightened	CP 2	7755 psi	7769 psi	3105 lbf-ft	8/12/24, 5:51 PM	Hytorc Stealth 4	
RJlannello	36	Tightened	CP 2	7755 psi	7791 psi	3114 lbf-ft	8/12/24, 5:51 PM	Hytorc Stealth 4	
RJlannello	38	Tightened	CP 2	7755 psi	7736 psi	3092 lbf-ft	8/12/24, 5:51 PM	Hytorc Stealth 4	
RJlannello	40	Tightened	CP 2	7755 psi	7718 psi	3085 lbf-ft	8/12/24, 5:51 PM	Hytorc Stealth 4	

Bolt image data points

Pass	Bolt	Image	Operator	Capture date	