

## Appendix 6: CTV V Wellbore List with Corrective Action Assessment

Wellbore Total Measured Depth, ft MD	Wellbore True Vertical Depth, ft TVD	Well Construction Method				USDW Isolation	Completion record within injection zone	Annular Cement within Upper/Lower Injection Zone	Annular cement within Confining Zone	Cement Plug within Injection Zone	Cement Plug within Confining Zone	Corrective Action Requirement
		Vertical/Directional	Original/Sidetrack	Casing	Cementing							
6711	6695	Vertical	Original Hole	Cased	Cemented	Isolated	Isolated	Adequate	Adequate	Adequate	Adequate	No
5550	5544	Vertical	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Not Drilled to Inj Zone	Not Drilled to Inj Zone	Adequate	Not Drilled to Inj Zone	Unplugged	No
6703	6686	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Isolated	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
7570	6913.7	Vertical	No sidetrack	Cased	Cemented	Pending Pre-Operational Testing	Open	No Annulus	Adequate	Unplugged	Adequate	No
6500	6483	Vertical	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Isolated	Adequate	Adequate	Adequate	Adequate	Pending Pre-Operational Testing
4963	4954.3	Vertical	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Abandoned	Adequate	Adequate	Adequate	Adequate	No
10500	10482	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	Unplugged	Unplugged	Unplugged	Yes
4900	4880	Vertical	Original Hole	Cased	Not Cemented	Pending Pre-Operational Testing	Open	Adequate	Adequate	Unplugged	Unplugged	No
5450	5439	Directional	Original Hole	Openhole	Not Cemented	Not Isolated	Open	No Annulus	No Annulus	Unplugged	Unplugged	Yes
5500	5499	Vertical	Original Hole	Openhole	Not Cemented	Not Isolated	Open	No Annulus	No Annulus	Unplugged	Unplugged	Yes
9610	9605	Vertical	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Isolated	Adequate	Adequate	Unplugged	Unplugged	Pending Pre-Operational Testing
8560	8549	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
10543	10523	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
10000	9966	Vertical	Original Hole	Cased	Not Cemented	Pending Pre-Operational Testing	Isolated	Adequate	Adequate	Unplugged	Unplugged	Pending Pre-Operational Testing
10000	9995	Vertical	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Isolated	Adequate	Adequate	Unplugged	Unplugged	Pending Pre-Operational Testing
6929	6923	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Isolated	Uncemented	Needs P&A	Unplugged	Unplugged	Pending Pre-Operational Testing
10000	9998	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	Needs P&A	Unplugged	Unplugged	Pending Pre-Operational Testing
11632	11625	Directional	No sidetrack	Cased	Cemented	Pending Pre-Operational Testing	Isolated	No Annulus	Needs P&A	Unplugged	Unplugged	Pending Pre-Operational Testing
6015	5995	Vertical	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Open	No Annulus	Adequate	Unplugged	Adequate	Pending Pre-Operational Testing
7010	6984	Vertical	No sidetrack	Cased	Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
6230	6210	Directional	No sidetrack	Cased	Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
7003	6993	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	Unplugged	Unplugged	Unplugged	Pending Pre-Operational Testing
10000	9996	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	Unplugged	Unplugged	Unplugged	Pending Pre-Operational Testing
10500	10498	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
9400	9379	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
9927	9926	Vertical	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Open	Uncemented	Needs P&A	Unplugged	Unplugged	Pending Pre-Operational Testing
5850	5820	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
9000	8997	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Not Opened	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
7040	7007	Directional	No sidetrack	Cased	Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Cemented Not Adequate	Pending Pre-Operational Testing
5820	5801	Directional	No sidetrack	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
9600	9595	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
6300	6287	Vertical	No sidetrack	Cased	Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
10192	10187	Vertical	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Isolated	Uncemented	Needs P&A	Unplugged	Unplugged	Pending Pre-Operational Testing
5500	5475	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
5830	5825	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
4976	4962	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
6500	6484	Vertical	No sidetrack	Cased	Cemented	Pending Pre-Operational Testing	Squeezed	Adequate	Adequate	Unplugged	Unplugged	Pending Pre-Operational Testing
5004	4977	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Abandoned	No Annulus	Needs P&A	Unplugged	Unplugged	Pending Pre-Operational Testing
5000	4982	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
4931	4906	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
5500	5477	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
4700	4686	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Not Opened	Not Drilled to Inj Zone	No Annulus	Not Drilled to Inj Zone	Unplugged	Pending Pre-Operational Testing
4912	4894	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
5460	5455	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
5600	5598	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
5500	5484	Vertical	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Isolated	Adequate	Adequate	Adequate	Adequate	No
6504	6493	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
5347	5326	Vertical	No sidetrack	Cased	Cemented	Pending Pre-Operational Testing	Squeezed	Adequate	Adequate	Adequate	Adequate	No
4875	4862	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Not Opened	Not Drilled to Inj Zone	No Annulus	Not Drilled to Inj Zone	Unplugged	Pending Pre-Operational Testing
5500	5493	Vertical	Original Hole	Openhole	Not Cemented	Not Isolated	Open	No Annulus	No Annulus	Unplugged	Unplugged	Yes
5701	5685	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
4630	4620	Directional	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Not Opened	Not Drilled to Inj Zone	Adequate	Not Drilled to Inj Zone	Adequate	No
5152	5139	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
5000	4972	Directional	No sidetrack	Cased	Cemented	Pending Pre-Operational Testing	Isolated	Adequate	Adequate	Cemented Not Adequate	Cemented Not Adequate	No
4993	4985	Directional	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Isolated	Adequate	Adequate	Unplugged	Unplugged	No
5800	5789	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
4802	4775	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Isolated	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
4844	4819	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Not Drilled to Inj Zone	Not Drilled to Inj Zone	Not Drilled to Confining Zone	Not Drilled to Inj Zone	Unplugged	Pending Pre-Operational Testing
4997	4972	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
5762	5743	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
5635	5630	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
4753	4730	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Not Drilled to Inj Zone	Not Drilled to Inj Zone	Not Drilled to Confining Zone	Not Drilled to Inj Zone	Unplugged	Pending Pre-Operational Testing
6692	6691	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
6489	6473	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
5000	4983	Vertical	No sidetrack	Cased	Cemented	Pending Pre-Operational Testing	Isolated	Adequate	Adequate	Adequate	Adequate	No
4970	4970	Vertical	Original Hole	Cased	Cemented	Pending Pre-Operational Testing	Not Opened	Not Drilled to Inj Zone	Adequate	Not Drilled to Inj Zone	Unplugged	No
5500	5489	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Not Drilled to Inj Zone	Not Drilled to Inj Zone	No Annulus	Not Drilled to Inj Zone	Unplugged	Pending Pre-Operational Testing
6000	5998	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
5000	4999	Vertical	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Not Drilled to Inj Zone	No Annulus	No Annulus	Not Drilled to Inj Zone	Unplugged	Pending Pre-Operational Testing
5500	5484	Vertical	No sidetrack	Cased	Cemented	Pending Pre-Operational Testing	Isolated	Adequate	Adequate	Adequate	Adequate	No
8200	7786.5	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
6600	6598	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing
10512	10506	Directional	Original Hole	Openhole	Not Cemented	Pending Pre-Operational Testing	Open	No Annulus	No Annulus	Unplugged	Unplugged	Pending Pre-Operational Testing