

ID	Task Name	Duration	Start	Finish	Predecessors		Q2	Q3	Q4	2018	Q1	Q2	Q3	Q4	2019	Q1	Q2	Q3	Q4
1	Goodyear Site 12 Expansion and Wells	514 days	Wed 8/23/17	Tue 9/3/19															
2	PRECONSTRUCTION MILESTONES	276 days	Wed 8/23/17	Tue 9/25/18															
3	Award of Design/Build Contract	0 days	Wed 8/23/17	Wed 8/23/17															
4	Project Team Introduction Meeting	0 days	Wed 8/30/17	Wed 8/30/17	3FS+5 days														
5	City Council Approval of Eng. & Precon Contract	0 days	Mon 11/20/17	Mon 11/20/17	3FS+64 days														
6	Contract Start Date	0 days	Tue 11/21/17	Tue 11/21/17	5														
7	Preconstruction: Well Design and Technical Specs Complete	1 day	Wed 11/29/17	Wed 11/29/17	6FS+5 days														
8	Executed Contract Delivered to HCC	1 day	Mon 12/4/17	Mon 12/4/17	5FS+9 days														
9	Official Project Kick-Off Meeting	1 day	Tue 12/5/17	Tue 12/5/17	8FS+1 day														
10	Scheduled GMP #1: Design Complete	0 days	Fri 5/11/18	Fri 5/11/18															
11	Actual GMP #1: Design Complete	0 days	Mon 8/6/18	Mon 8/6/18	56FF														
12	Scheduled GMP #2: Design Complete	0 days	Tue 9/25/18	Tue 9/25/18															
13	Actual GMP #2: Design Complete	0 days	Wed 12/26/18	Wed 12/26/18	68FF														
14	CONSTRUCTION MILESTONES	343 days	Tue 1/16/18	Tue 5/21/19															
15	Scheduled Phase 1: Well Pilot & Drilling Start	0 days	Thu 2/15/18	Thu 2/15/18															
16	Actual Phase 1: Well Pilot & Drilling Start	0 days	Fri 2/23/18	Fri 2/23/18	124SS														
17	Scheduled Phase 1: Well Pilot & Drilling Complete	0 days	Wed 5/23/18	Wed 5/23/18															
18	Actual Phase 1: Well Pilot & Drilling Complete	0 days	Wed 6/20/18	Wed 6/20/18	138FF,152FF														
19	Scheduled GMP #1: Construction Start	0 days	Thu 9/6/18	Thu 9/6/18															
20	Actual GMP #1: Construction Start	0 days	Thu 9/6/18	Thu 9/6/18	192SS														
21	Scheduled GMP #2: Site 12 - Construction Start	0 days	Thu 11/1/18	Thu 11/1/18															
22	Actual GMP #2: Site 12 - Construction Start	0 days	Mon 4/22/19	Mon 4/22/19	210SS														
23	Scheduled GMP #1: Well COG24 - Substantial Completion	0 days	Wed 2/27/19	Wed 2/27/19															
24	Actual GMP #1: Well COG24 - Substantial Completion	0 days	Thu 4/18/19	Thu 4/18/19	251FF														
25	Scheduled GMP #1: Well COG25 - Substantial Completion	0 days	Wed 2/27/19	Wed 2/27/19															
26	Actual GMP #1: Well COG25 - Substantial Completion	0 days	Mon 8/26/19	Mon 8/26/19	282FF														
27	Scheduled GMP #1: Well COG24 - Final Completion	0 days	Wed 3/27/19	Wed 3/27/19															
28	Actual GMP #1: Well COG24 - Final Completion	0 days	Fri 4/19/19	Fri 4/19/19	252FF														
29	Scheduled GMP #1: Well COG25 - Final Completion	0 days	Wed 3/27/19	Wed 3/27/19															
30	Actual GMP #1: Well COG25 - Final Completion	0 days	Tue 8/27/19	Tue 8/27/19	283FF														
31	Scheduled GMP #2: Site 12 - Substantial Completion	0 days	Tue 4/9/19	Tue 4/9/19															
32	Actual GMP #2: Site 12 - Substantial Completion	0 days	Mon 7/8/19	Mon 7/8/19	285FF,286FF														
33	Scheduled GMP #2: Site 12 - Final Completion	0 days	Tue 5/21/19	Tue 5/21/19															
34	Actual GMP #2: Site 12 - Final Completion	0 days	Tue 9/3/19	Tue 9/3/19	291FF														
35	PRECONSTRUCTION	420 days	Thu 8/31/17	Fri 4/26/19															
36	Preconstruction Contract Negotiation	41 days	Thu 8/31/17	Fri 10/27/17															
37	D/B Team Develop Eng. & Precon Proposal	14 days	Thu 8/31/17	Wed 9/20/17	4														
38	COG Review Eng. & Precon Proposal	14 days	Thu 9/21/17	Tue 10/10/17	37														

Critical Progress

Task

Split

Task Progress

Manual Task

Start-only

Finish-only

Duration-only

Manual Task

Start-only

Finish-only

Duration-only

Critical

Critical Split

Baseline

Baseline Split

Critical

Critical Split

Baseline

Baseline Split

Baseline Milestone

Milestone

Summary Progress

Summary

Baseline Milestone

Milestone

Summary Progress

Summary

Manual Summary

Project Summary

External Tasks

External Milestone

Manual Summary

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Inactive Summary

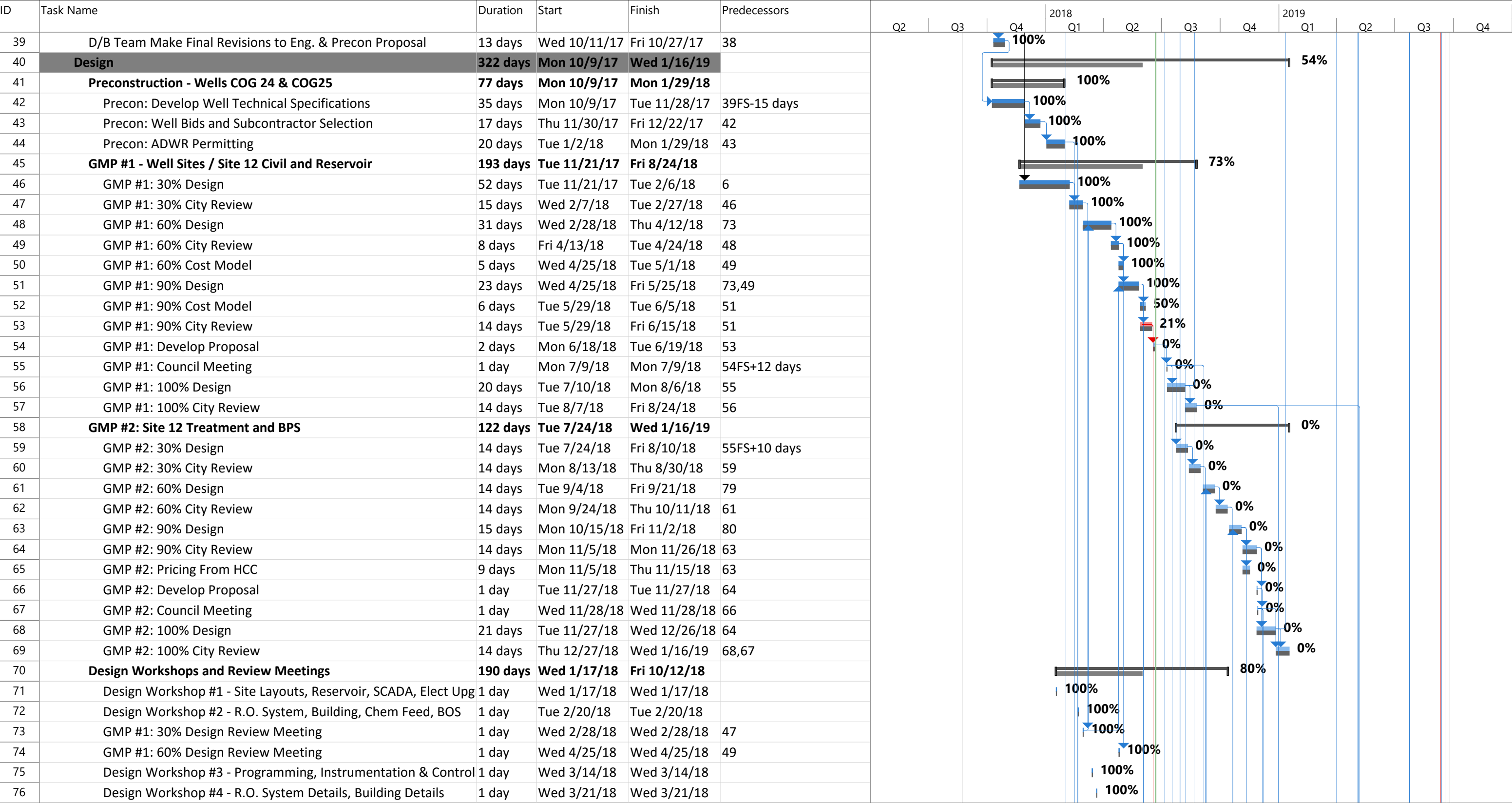
Deadline

Inactive Task

Inactive Milestone

Inactive Summary

Deadline



Critical Progress

Task

Split

Task Progress

Manual Task

Start-only

Finish-only

Duration-only

Critical

Critical Split

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Baseline Split

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External Milestone

Inactive Task

Inactive Milestone

Inactive Summary

Deadline

Manual Task

Start-only

Finish-only

Duration-only

Critical

Critical Split

Baseline

Baseline Split

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Start-only

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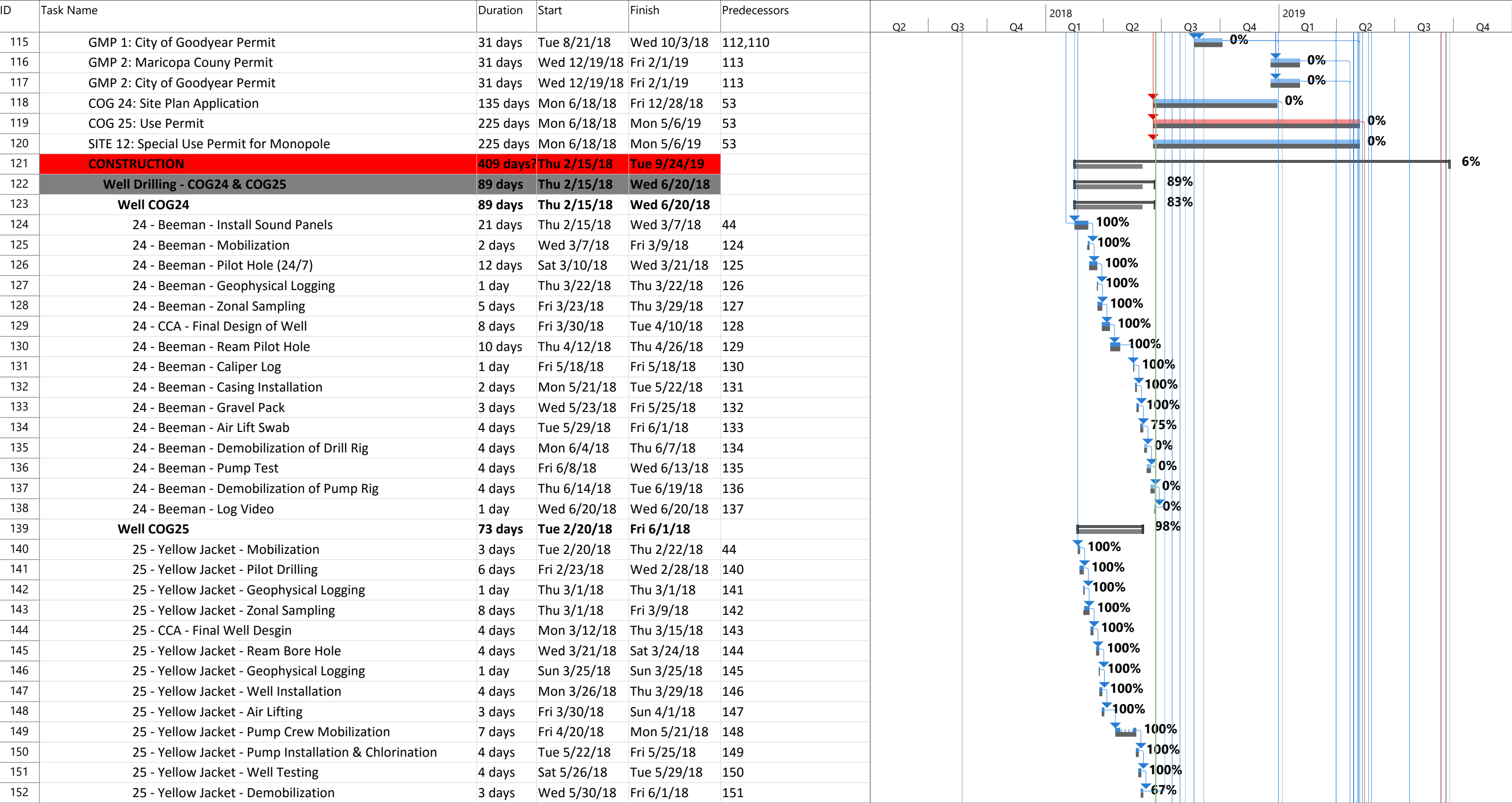
Inactive Milestone

Inactive Summary

Deadline

ID	Task Name	Duration	Start	Finish	Predecessors													
						Q2	Q3	Q4	2018	Q1	Q2	Q3	Q4	2019	Q1	Q2	Q3	Q4
77	Design Workshop #5 - Building Interior & Finishes	1 day	Wed 5/9/18	Wed 5/9/18							100%							
78	Design Workshop #6 - Booster Pump Station	1 day	Wed 5/23/18	Wed 5/23/18							100%							
79	GMP #2: 30% Design Review Meeting	1 day	Fri 8/31/18	Fri 8/31/18	60													
80	GMP #2: 60% Design Review Meeting	1 day	Fri 10/12/18	Fri 10/12/18	62													
81	Design Workshop #7 - SCADA, Control & Monopole	0 days	Wed 5/16/18	Wed 5/16/18	79FS+7 days						5/16							
82	PROCUREMENT	120 days	Thu 11/29/18	Fri 5/17/19														
83	GMP #2 - Site 12: Treatment and BPS	120 days	Thu 11/29/18	Fri 5/17/19														
84	Instrumentation, Controls and SCADA	100 days	Thu 11/29/18	Fri 4/19/19	67													
85	Booster Pumps	100 days	Thu 11/29/18	Fri 4/19/19	67													
86	Electrical Service Equipment	100 days	Thu 11/29/18	Fri 4/19/19	67													
87	MCCs	80 days	Thu 11/29/18	Fri 3/22/19	67													
88	VFDs	110 days	Thu 11/29/18	Fri 5/3/19	67													
89	Break Tank Pump & Motor (Include Submittal Time)	100 days	Thu 11/29/18	Fri 4/19/19	67													
90	Cartridge Filter & Apparatus	120 days	Thu 11/29/18	Fri 5/17/19	67													
91	Cartridge & Break Tank Header & Valves	80 days	Thu 11/29/18	Fri 3/22/19	67													
92	REZONING SITE 12	38 days	Fri 4/20/18	Wed 6/13/18														
93	First Submittal	1 day	Fri 5/18/18	Fri 5/18/18							100%							
94	Notice to Paper for Neighborhood Meeting	5 days	Mon 5/21/18	Fri 5/25/18	93						100%							
95	Post Notice to Website for Neighborhood Meeting	4 days	Tue 5/29/18	Fri 6/1/18	94						75%							
96	Notice sent by Mail to Adjoiners for Neighborhood Meeting	4 days	Tue 5/29/18	Fri 6/1/18	94						75%							
97	Notice Appears in Newspaper for Neighborhood Meeting	1 day	Mon 6/4/18	Mon 6/4/18	96						0%							
98	Second Submittal	5 days	Tue 6/5/18	Mon 6/11/18	97						0%							
99	Notice to Newspaper for PZC/CC Meeting	5 days	Tue 6/12/18	Mon 6/18/18	98						0%							
100	Order Sign Posting for PZC/CC Meeting	5 days	Tue 6/12/18	Mon 6/18/18	98						0%							
101	Neighborhood Meeting	1 day	Thu 6/21/18	Thu 6/21/18	99FS+2 days						0%							
102	Notice Sent by Mail to Adjoiners for PZC/CC Meetings	1 day	Fri 6/22/18	Fri 6/22/18	101						0%							
103	Notice Appears in Newspaper for PZC/CC Meeting	1 day	Mon 6/25/18	Mon 6/25/18	102						0%							
104	Sign Posting Deadline for PZC/CC Meeting	1 day	Tue 6/26/18	Tue 6/26/18	103						0%							
105	Draft CAR for PC to Admin. Asst. for Review	1 day	Tue 6/26/18	Tue 6/26/18	103						0%							
106	Draft CAR for PC to Planning Manager for Review	1 day	Wed 6/27/18	Wed 6/27/18	105						0%							
107	Draft CAR for PC to Legal for Review	1 day	Thu 6/28/18	Thu 6/28/18	106						0%							
108	Final Staff Report in Legistar for PZC - Packet Complete	4 days	Fri 6/29/18	Thu 7/5/18	107						0%							
109	Planning & Zoning Meeting	1 day	Thu 7/12/18	Thu 7/12/18	108FS+4 days						0%							
110	Coucil Meeting - Planning & Zoning	1 day	Mon 8/20/18	Mon 8/20/18	109FS+20 days							0%						
111	PERMITTING	239 days	Fri 5/18/18	Fri 4/26/19														
112	GMP 1: ADEQ Permit	31 days	Tue 5/29/18	Wed 7/11/18	51						10%							
113	GMP 2: ADEQ Permit	30 days	Mon 11/5/18	Tue 12/18/18	63								0%					
114	GMP 1: Maricopa County Permit	31 days	Thu 7/12/18	Thu 8/23/18	112							0%						

Critical Progress	Manual Task	Critical	Baseline Milestone	Manual Summary	Inactive Task
Task	Start-only	Critical Split	Milestone	Project Summary	Inactive Milestone
Split	Finish-only	Baseline	Summary Progress	External Tasks	Inactive Summary
Task Progress	Duration-only	Baseline Split	Summary	External Milestone	Deadline



Critical Progress

Task

Split

Task Progress

Manual Task

Start-only

Finish-only

Duration-only

Critical

Critical Split

Baseline

Baseline Split

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Inactive Task

Inactive Milestone

Inactive Summary

Deadline

Baseline Milestone

Milestone

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Deadline

ID	Task Name	Duration	Start	Finish	Predecessors												
						Q2	Q3	Q4	2018 Q1	Q2	Q3	Q4	2019 Q1	Q2	Q3	Q4	
153	GMP #1: Well Sites / Site 12 Civil and Reservoir	289 days?	Tue 7/10/18	Tue 8/27/19													0%
154	Submittal	30 days	Tue 7/10/18	Mon 8/20/18													0%
155	CMU Wall	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
156	CMU Wall - Rebar Shop Drawing	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
157	2 MG Reservoir	30 days	Tue 7/10/18	Mon 8/20/18	55												0%
158	Well - Pump	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
159	Well - Pipe & Appurtenances	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
160	Well - Electrical Equipment	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
161	Well - Gate	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
162	Reverse Osmosis Equipment	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
163	RO Building	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
164	ABC Materials	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
165	Break Tank - Concrete Mix Design	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
166	Break Tank - Rebar Shop Drawing	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
167	Retaining Wall - Concrete Mix Design	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
168	Retaining Wall - Rebar Shop Drawing	20 days	Tue 7/10/18	Mon 8/6/18	55												0%
169	Submittal Review	20 days	Tue 8/7/18	Tue 9/4/18													0%
170	CMU Wall	10 days	Tue 8/7/18	Mon 8/20/18	155												0%
171	CMU Wall - Rebar Shop Drawing	10 days	Tue 8/7/18	Mon 8/20/18	156												0%
172	2 MG Reservoir	10 days	Tue 8/21/18	Tue 9/4/18	157												0%
173	Well - Pump	10 days	Tue 8/7/18	Mon 8/20/18	158												0%
174	Well - Pipe & Appurtenances	10 days	Tue 8/7/18	Mon 8/20/18	159												0%
175	Well - Electrical Equipment	10 days	Tue 8/7/18	Mon 8/20/18	160												0%
176	Well - Gate	10 days	Tue 8/7/18	Mon 8/20/18	161												0%
177	Reverse Osmosis Equipment	10 days	Tue 8/7/18	Mon 8/20/18	162												0%
178	RO Building	10 days	Tue 8/7/18	Mon 8/20/18	163												0%
179	ABC Materials	10 days	Tue 8/7/18	Mon 8/20/18	164												0%
180	Break Tank - Concrete Mix Design	10 days	Tue 8/7/18	Mon 8/20/18	165												0%
181	Break Tank - Rebar Shop Drawing	10 days	Tue 8/7/18	Mon 8/20/18	166												0%
182	Retaining Wall - Concrete Mix Design	10 days	Tue 8/7/18	Mon 8/20/18	167												0%
183	Retaining Wall - Rebar Shop Drawing	10 days	Tue 8/7/18	Mon 8/20/18	168												0%
184	Procurement	130 days	Tue 8/21/18	Mon 2/25/19													0%
185	2 MG Reservoir	60 days	Wed 9/5/18	Thu 11/29/18	172,55												0%
186	Well - Pump	102 days	Tue 8/21/18	Wed 1/16/19	173,55												0%
187	Well - Pipe & Appurtenances	60 days	Tue 8/21/18	Tue 11/13/18	174,55												0%
188	Well - Electrical Equipment	100 days	Tue 8/21/18	Mon 1/14/19	175,55												0%
189	Reverse Osmosis Equipment	130 days	Tue 8/21/18	Mon 2/25/19	177,55												0%
190	RO Building	60 days	Tue 8/21/18	Tue 11/13/18	178,55												0%

Critical Progress	Manual Task	Critical	Baseline Milestone	Manual Summary	Inactive Task
Task	Start-only	Critical Split	Milestone	Project Summary	Inactive Milestone
Split	Finish-only	Baseline	Summary Progress	External Tasks	Inactive Summary
Task Progress	Duration-only	Baseline Split	Summary	External Milestone	Deadline

ID	Task Name	Duration	Start	Finish	Predecessors	2018				2019																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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229	Pipe Testing	3 days	Tue 1/15/19	Thu 1/17/19	228																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

Critical Progress

Task

Split

Task Progress

Manual Task

Start-only

Finish-only

Duration-only

Critical

Critical Split

Baseline

Baseline Split

Baseline Milestone

Milestone

Summary Progress

Summary

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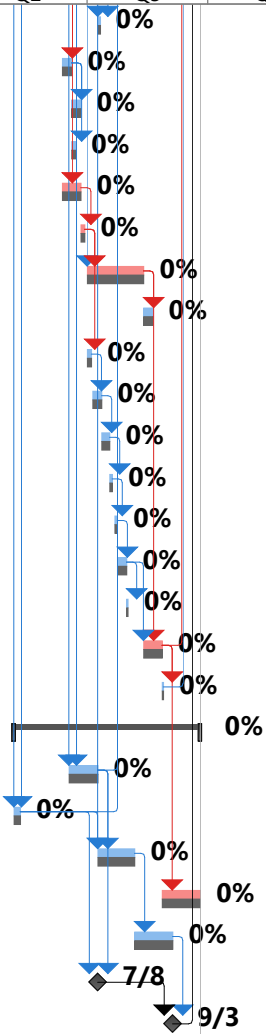
Inactive Task

Inactive Milestone

Inactive Summary

Deadline

ID	Task Name	Duration	Start	Finish	Predecessors												
						Q2	Q3	Q4	2018 Q1	Q2	Q3	Q4	2019 Q1	Q2	Q3	Q4	
267	Install Pump	2 days	Tue 7/9/19	Wed 7/10/19	266,186												
268	F/P/S Surge Tank Slab	5 days	Wed 6/12/19	Tue 6/18/19	260												
269	Install Surge Tank	5 days	Wed 6/19/19	Tue 6/25/19	268												
270	Install 3' x 3' Drop Inlet Box	3 days	Wed 6/19/19	Fri 6/21/19	268												
271	Install Electrical Conduit	10 days	Wed 6/12/19	Tue 6/25/19	260												
272	F/P/S Electrical Panel Pad	3 days	Wed 6/26/19	Fri 6/28/19	271												
273	Install Electrical Panel	30 days	Mon 7/1/19	Mon 8/12/19	272,188												
274	Install Shade Structure @ Electrical Panel	5 days	Tue 8/13/19	Mon 8/19/19	273												
275	F/P/S Generator Pad	3 days	Mon 7/1/19	Wed 7/3/19	272												
276	Install Generator	5 days	Fri 7/5/19	Thu 7/11/19	275												
277	COG 24 - Finish Sub Grade	4 days	Fri 7/12/19	Wed 7/17/19	276												
278	Place ABC	2 days	Thu 7/18/19	Fri 7/19/19	277												
279	Pave Asphalt Driveway	2 days	Mon 7/22/19	Tue 7/23/19	278												
280	Install Automatic Gate	5 days	Wed 7/24/19	Tue 7/30/19	279												
281	Remove Temp. Fence	1 day	Wed 7/31/19	Wed 7/31/19	280												
282	Start-Up and Testing	10 days	Tue 8/13/19	Mon 8/26/19	280,273												
283	GMP 1 - Well 25 Complete	1 day	Tue 8/27/19	Tue 8/27/19	282												
284	Start-Up & Commissioning	99 days	Mon 5/6/19	Tue 9/24/19													
285	Start-Up Reverse Osmosis System	15 days	Mon 6/17/19	Mon 7/8/19	217,218												
286	Start-Up Booster Pump Station	5 days	Mon 5/6/19	Fri 5/10/19	219,220												
287	Commission Site 12 & Well 24	20 days	Tue 7/9/19	Mon 8/5/19	285,286,251												
288	Commisioning Well 25	20 days	Tue 8/27/19	Tue 9/24/19	282												
289	Agency Project Review and Approval	20 days	Tue 8/6/19	Tue 9/3/19	287												
290	Substantial Completion	0 days	Mon 7/8/19	Mon 7/8/19	285,286												
291	Final Completion	0 days	Tue 9/3/19	Tue 9/3/19	289,290												



Critical Progress

Task

Split

Task Progress

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Critical

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Baseline

Baseline Split

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