



EMC Daily P&A Report - External

Report Date: 9/22/2021
Rpt #: 8

Well Name Wilson Creek 31	Field Name Wilson Creek	Lease Wilson Creek Unit	Area Rockies
Business Unit Mid-Continent	County/ Parish Rio Blanco	Global Metrics Region Lower 48	Surface UWI 0510305843

Basic Well Data

Current RKB Elevation 7,972.00, <elvdttmstart>	Original RKB Elevation (ft) 7,972.00	Latitude (°) 40° 10' 19.92" N	Longitude (°) 107° 54' 16.632" W
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Job Category	Actual Start Date	Actual End Date
Abandon	9/15/2021 07:00	

Primary Job Type Abandon Well - Permanent	Well Type Oil Producer	WWO/WWR Number
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Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Duration (AFE) (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
9/15/2021 07:00	9/18/2021 10:00	ABAN	TBGPULL	0.95	28.50	22.81
9/18/2021 10:00	9/22/2021 13:00	ABAN	CMTPLUG	1.79	45.50	
		RECLA	FAC			

Daily Operations

Report Start Date 9/22/2021 07:00	Report End Date 9/22/2021 13:00	Report Number 8
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Time Log Total Hours (hr)	6.00
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Operations Summary
Bubble test surface N/D BOPE, N/U B-1 flange, circulate 240 sks of class G cement from surface to surface, RDMO

Projected Operations	
ready for surface crew	

Daily Pressures

Type	Des	P (psi)	Note
Casing	surface	0.0	passed 30-minute bubble test, no gas readings
Casing	7"	0.0	
Tubing	2-7/8"	0.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	UE Ref No.	UE Time (hr)
07:00	07:30	0.50	HESMTG	Safety meeting, HP, cementing		
07:30	08:00	0.50	MONITOR	check pressure, 7" 0-psi, surface 0-psi, bubble test surface casing for 30-minutes, passed, no bubbles or gas readings.		
08:00	08:45	0.75	BOPN/D	N/D BOPE and load on trailer		
08:45	09:30	0.75	TREEINST	N/U B-1 flange, connect hoses to well ready to cement		
09:30	10:00	0.50	CMTSQZ	M/P Pump 240-sks, class G 15.8-ppg, yield 1.15 cuft/sk, 28.5-bbbls mix water, 49.1-bbl slurry 531' long inside out of 7" casing, F/ 531' T/ surface inside out 7", good cement coming out surface casing. SWI		
10:00	11:00	1.00	UNITCLN	wash up and R/D cement equip, load tools and equipment		
11:00	12:30	1.50	R/D	Drop wires. R/D rig.		
12:30	13:00	0.50	HESREST	crew lunch		

Cement Plugs

Cementing Start Date 9/22/2021 09:30	Cementing End Date 9/22/2021 10:00	Description Cement Squeeze	Type Squeeze	Vendor A Plus Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 0.0	Bottom Depth (ftKB) 531.0	Avg Pump Rate (bbl/min) 3	Final Pump Pressure (psi) 200.0	Depth Tagged (MD) (ftKB)
Fluid Type Lead	Class G	Density (lb/gal) 15.80	Yield (ft³/sack) 1.15	Quantity (sacks) 240	Volume Pumped (bbl) 49.1

Equipment Pressure Tests

Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
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Comment

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System ESP Pump	Set Depth (MD) (ftKB) 6,452.6
Run Job Pump Repair, 8/27/2019 00:00	Run Date 8/30/2019 15:00	Pull Job Abandon Well - Permanent, 9/15/2021 07:00	Pull Date 9/15/2021 07:00



EMC Daily P&A Report - External

Report Date: 9/21/2021
Rpt #: 7

Well Name Wilson Creek 31	Field Name Wilson Creek	Lease Wilson Creek Unit	Area Rockies
Business Unit Mid-Continent	County/ Parish Rio Blanco	Global Metrics Region Lower 48	Surface UWI 0510305843

Basic Well Data

Current RKB Elevation 7,972.00, <elvdttmstart>	Original RKB Elevation (ft) 7,972.00	Latitude (°) 40° 10' 19.92" N	Longitude (°) 107° 54' 16.632" W
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Job Category	Actual Start Date	Actual End Date
Abandon	9/15/2021 07:00	

Primary Job Type Abandon Well - Permanent	Well Type Oil Producer	WWO/WWR Number
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Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Duration (AFE) (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
9/15/2021 07:00	9/18/2021 10:00	ABAN	TBGPULL	0.95	28.50	22.81
9/18/2021 10:00	9/22/2021 13:00	ABAN	CMTPLUG	1.79	45.50	
		RECLA	FAC			

Daily Operations

Report Start Date 9/21/2021 07:00	Report End Date 9/21/2021 18:00	Report Number 7
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Time Log Total Hours (hr)	11.00
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Operations Summary

Tag TOC @ 1696, fill and test casing to 500-psi or 15-minutes, good test., POOH perf @ 1096', POOH w/ WL, RIH w/ full bore packer, set and squeeze 60-sks displace T/ 921', WOC test caing T/ 500-psi for 15-minutes, good test, tag TOC @ 951', Bud Thompson approved TOC @ 951' 145' inside 7" above perfs. POOH L/D tbg, perf @ 531', circulate w/ 50-bbbls returns coming out surface valve. swi.

Projected Operations	
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95	96
97	98
99	100

Bubble test surface N/D BOPE, N/U B-1 flange, circulate 256 + sks of cement to surface, RDMO

Daily Pressures

Type	Des	P (psi)	Note
Casing	surface	0.0	passed 30-minute bubble test, no gas readings
Casing	7"	0.0	
Tubing	2-7/8"	0.0	

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	UE Ref No.	UE Time (hr)
07:00	07:30	0.50	HESMTG	Safety meeting, HP, H2S awareness		
07:30	08:00	0.50	MONITOR	Monitor well, tbg 0-psi, casing 0-psi, surface 0-psi. bubble test surface for 30-minutes, passed		
08:00	08:45	0.75	TIH	RIH w/ tbg, tag TOC @ 1696', 53-jts total		
08:45	09:15	0.50	TOH	POOH L/D excess tbg and stand back the rest		
09:15	09:30	0.25	LBRCTR	R/U WL and lubricator		
09:30	10:15	0.75	PERF	RIH perf casing @ 1096', POOH		
10:15	10:30	0.25	LBRCTR	R/D WL and lubricator		
10:30	11:15	0.75	TIH	RIH w/ 8' pup jt, full bore packer, 21-jts, set @ 689', fill casing and injection rate down tbg 2-bpm @ 200-psi		
11:15	11:30	0.25	CMTSQZ	M/P 60-sks class G w/ 2% CC, 1.15-yield cuft/sk, 7.1-bbls mix water, 12.3-bbl slurry, 175' long inside out of 7" casing, displace w/ 12.9-bbls 10-ppg water, shut down pump 0-psi on tbg, est TOC @ 921'		
11:30	14:30	3.00	WOC	WOC rig maintance while waiting		
14:30	15:00	0.50	CSGTST	test casing T/ 500-psi for 15-minutes, good test.		
15:00	15:30	0.50	TIH	Release packer, tag TOC @ 951', 145' above perms @ 1096'. Bud Tompson w/ BLM approved tag.		
15:30	16:00	0.50	TOH	POOH L/D all tbg on trailer		
16:00	16:15	0.25	LBRCTR	R/U WL and lubricator		
16:15	16:30	0.25	PERF	RIH perf casing @ 531', POOH		
16:30	16:45	0.25	LBRCTR	R/D WL and lubricator		
16:45	17:15	0.50	CC	establish circulation out surface casing. Circulate surface casing clean w/ 50-bbls of 10-ppg water		
17:15	17:45	0.50	R/D	R/D tbg equipment and floor		
17:45	18:00	0.25	WELLSI	SWI, debrief w/ crew		

Cement Plugs

Cementing Start Date 9/21/2021 11:15	Cementing End Date 9/21/2021 11:30	Description Cement Squeeze	Type Squeeze	Vendor A Plus Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 921.0	Bottom Depth (ftKB) 1,096.0	Avg Pump Rate (bbl/min) 2	Final Pump Pressure (psi) 0.0	Depth Tagged (MD) (ftKB) 951
Fluid Type Lead	Class G	Density (lb/gal) 15.80	Yield (ft³/sack) 1.15	Quantity (sacks) 60	Volume Pumped (bbl) 12.3

Equipment Pressure Tests

Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
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Comment

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System ESP Pump	Set Depth (MD) (ftKB) 6,452.6
Run Job Pump Repair, 8/27/2019 00:00	Run Date 8/30/2019 15:00	Pull Job Abandon Well - Permanent, 9/15/2021 07:00	Pull Date 9/15/2021 07:00



EMC Daily P&A Report - External

Report Date: 9/20/2021
Rpt #: 6

Well Name Wilson Creek 31	Field Name Wilson Creek	Lease Wilson Creek Unit	Area Rockies
Business Unit Mid-Continent	County/ Parish Rio Blanco	Global Metrics Region Lower 48	Surface UWI 0510305843

Basic Well Data			
Current RKB Elevation 7,972.00, <elvdttmstart>	Original RKB Elevation (ft) 7,972.00	Latitude (°) 40° 10' 19.92" N	Longitude (°) 107° 54' 16.632" W
Job Category Abandon	Actual Start Date 9/15/2021 07:00		Actual End Date
Primary Job Type Abandon Well - Permanent	Well Type Oil Producer		WWO/WWR Number

Phases						
Actual Start Date	Actual End Date	Phase 1	Phase 2	Duration (AFE) (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
9/15/2021 07:00	9/18/2021 10:00	ABAN	TBGPULL	0.95	28.50	22.81
9/18/2021 10:00	9/22/2021 13:00	ABAN	CMTPLUG	1.79	45.50	
		RECLA	FAC			

Daily Operations		
Report Start Date 9/20/2021 07:00	Report End Date 9/20/2021 18:00	Report Number 6
Time Log Total Hours (hr) 9.50		
Operations Summary Load well, standing full, Perf casing @ 4002', Bud Thompson BLM & Aaron Katz COGCC approved CICR and waived WOC and tag due to good casing test F/ 2494' T/ TOC @ 4695, RIH w/ CICR, set @ 3952', pump thru and fill well, set CICR @ 3952', sting out fill well, standing full, stab in, injection rate 2-bpm @ 500-psi, casing open to tank no flow coming out of casing . M/P 86-sks, squeeze 38-sks of cement @ 200-psi, sting out and spot 200' on top of CICR, TOC @ 3752' inside and out of 7" casing. POOH L/D tbg and stinger, RIH open ended spot 800' of cement F/ 2501' T/ 1701'. pull high reverse circulate. pull 28-jts, tail @ 712'. SWI		

Projected Operations Tag TOC, fill and test casing, if all is good, POOH perf @ 1096', POOH w/ WL, RIH w/ full bore packer, set and squeeze 57-sks displace, WOC tag, upgrade if needed		
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Daily Pressures			
Type	Des	P (psi)	Note
Casing	7"	0.0	
Casing	surface	0.0	haven't bubble tested yet
Tubing	2-7/8"	0.0	

Online - Time Log						
Start Time	End Time	Dur (hr)	Activity	Com	UE Ref No.	UE Time (hr)
07:00	07:30	0.50	HESMTG	Safety meeting, HP, SWC lifting and rigging, H2S awareness		
07:30	07:45	0.25	MONITOR	Check well pressure, 7" 0-psi, surface 0-psi		
07:45	08:15	0.50	LBRCTR	R/U WL w/ lubricator, test T/ 500-psi		
08:15	09:15	1.00	PERF	RIH w/ 2" perf gun, fill casing w/ 0-bbls, casing standing full, perf @ 4002', POOH.		
09:15	09:30	0.25	LBRCTR	R/D WL		
				Bud Thompson w/ BLM & Aaron Katz w/ COGCC approved CICR setting depth and waived WOC and tag due to good casing test F/ 2494' T/ TOC @ 4695,		
09:30	11:00	1.50	TIH	M/U 7" tbg set CICR, RIH w/ 123-jts, pump down tbg and brake circulation, set CICR @ 3952', sting out brake circulation on casing, casing full, sting in, injection rate 2-bpm @ 500-psi, casing has no communication, ready to cement		
11:00	11:30	0.50	CMTSQZ	M/P 86-sks class G, 1.15-yield cuft/sk, 10.2-bbls mix water, 17.6-bbl slurry, displace w/ 15.1-bbls 10-ppg water, shut down pump 200-psi on tbg, sting out and displace 6.5-bbls of 10-ppg water, (38-sks squeezed out perfs and 48-sks above perfs inside 7", 86-sks total) TOC @ 3752' inside and out of 7" casing.		
11:30	12:30	1.00	TOH	POOH L/D 74-jts of excess tbg and stand back the rest		
12:30	13:00	0.50	HESREST	crew lunch		
13:00	13:30	0.50	TOH	Stand back 48-jts of tbg, L/D stinger		
13:30	14:30	1.00	TIH	RIH w/ tag sub, and 78-jts T/1502'		
14:30	15:00	0.50	CMTSQZ	M/P Pump 154-sks, class G 15.8-ppg, yield 1.15 cuft/sk, 18.3-bbls mix water, 31.5-bbl slurry 800' long F/ 2501' T/ 1701', displace w/ 9.8-bbls 10-ppg water.		
15:00	16:00	1.00	TOH	POOH w/ 28-jts, tail @ 1602', reverse circulate w/ 20-bbls, POOH L/D 28-jts, tail @ 712, 22-jts and tag sub in well		
16:00	16:15	0.25	WELLSI	SWI, secrue well and location		
16:15	16:30	0.25	HESMTG	Debrief w/ crew		

Cement Plugs					
Cementing Start Date 9/20/2021 11:00	Cementing End Date 9/20/2021 11:30	Description Cement Squeeze	Type Squeeze	Vendor A Plus Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 3,752.0	Bottom Depth (ftKB) 4,002.0	Avg Pump Rate (bbl/min) 2	Final Pump Pressure (psi) 200.0	Depth Tagged (MD) (ftKB)
Fluid Type Lead	Class G	Density (lb/gal) 15.80	Yield (ft³/sack) 1.15	Quantity (sacks) 86	Volume Pumped (bbl) 17.6
Cementing Start Date 9/20/2021 14:30	Cementing End Date 9/20/2021 15:00	Description Cement Plug	Type Plug	Vendor A Plus Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 1,701.0	Bottom Depth (ftKB) 2,501.0	Avg Pump Rate (bbl/min) 2	Final Pump Pressure (psi) 200.0	Depth Tagged (MD) (ftKB) 1,696
Fluid Type Lead	Class G	Density (lb/gal) 15.80	Yield (ft³/sack) 1.15	Quantity (sacks) 154	Volume Pumped (bbl) 31.4

Equipment Pressure Tests				
Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
Comment				

Tubing Strings			
Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System ESP Pump	Set Depth (MD) (ftKB) 6,452.6
Run Job Pump Repair, 8/27/2019 00:00	Run Date 8/30/2019 15:00	Pull Job Abandon Well - Permanent, 9/15/2021 07:00	Pull Date 9/15/2021 07:00

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EMC Daily P&A Report - External

Report Date: 9/19/2021
Rpt #: 5

Well Name Wilson Creek 31	Field Name Wilson Creek	Lease Wilson Creek Unit	Area Rockies
Business Unit Mid-Continent	County/ Parish Rio Blanco	Global Metrics Region Lower 48	Surface UWI 0510305843

Basic Well Data			
Current RKB Elevation 7,972.00, <elvdttmstart>	Original RKB Elevation (ft) 7,972.00	Latitude (°) 40° 10' 19.92" N	Longitude (°) 107° 54' 16.632" W
Job Category Abandon	Actual Start Date 9/15/2021 07:00		Actual End Date
Primary Job Type Abandon Well - Permanent	Well Type Oil Producer		WWO/WWR Number

Phases						
Actual Start Date	Actual End Date	Phase 1	Phase 2	Duration (AFE) (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
9/15/2021 07:00	9/18/2021 10:00	ABAN	TBGPULL	0.95	28.50	22.81
9/18/2021 10:00	9/22/2021 13:00	ABAN	CMTPLUG	1.79	45.50	
		RECLA	FAC			

Daily Operations		
Report Start Date 9/19/2021 07:00	Report End Date 9/19/2021 18:00	Report Number 5

Time Log Total Hours (hr) 12.00

Operations Summary
RIH tag TOC @ 5483', test casing to 500-psi, bleeds T/ 0-psi in 3-minutes, Bud Thompson w/ BLM approved tag @ 5483', Bud Thompson w/ BLM and Robert Wallace w/ Chevron approved 1000' cement plug, Bud Thompson w/ BLM waived witness of pumping cement. Decision was made on location w/ WSR and A-plus to pump 800' plug. Pump 154-sks, displace w/ 27.1-bbl 10-ppg water, POOH L/D 28-jts, reverse circulate @ 4579', POOH L/D 29-jts on trailer, stand back 114--jts of tbg. M/U packer and start chasingholes casing tested goodF/ 2494' T/ 4695', and F/ 1476' T surface, holes in casing between 2494' and 1476'. L/D packer. swi

Projected Operations
Perf casing @ 4002', RIH w/ CICR, set @ 3952' +or-, squeeze cement spot 200' on top. Bud Thompson waived WOC and tag due to good casing test F/ 2494' T/ TOC @ 4695. POOH L/D stinger, RIH open ended spot 800' to 1000' of cement F/ 2500' T/ 1500' +or. pull high WOC tag and test

Daily Pressures			
Type	Des	P (psi)	Note
Casing	7"	0.0	
Casing	surface	0.0	haven't bubble tested yet
Tubing	2-7/8"	0.0	

Online - Time Log						
Start Time	End Time	Dur (hr)	Activity	Com	UE Ref No.	UE Time (hr)
07:00	07:30	0.50	HESMTG	Safety meeting, HP, tenet 9, H2S awareness, SWC's		
07:30	07:45	0.25	MONITOR	Check pressure, tbg 0-psi, 7" 0-psi, surface 0-psi		
07:45	08:15	0.50	TIH	RIH w/ 30-jts, tag TOC @ 5483', L/D 1-jt, tail @ 5480'.		
08:15	08:45	0.50	CSGTST	Test casing T/ 500-psi, bleed to 0-psi in 3-minutes, failed test		
08:45	09:15	0.50	CMTR/U	Spot fresh water and brine water trucks on tight location, connect to cement truck. Bud Thompson w/ BLM approved TOC tag @ 5483'. Bud Thompson w/ BLM and Robert Wallace w/ Chevron approved 1000' plug Bud Thompson w/ BLM waived witness of pumping cement. Decision was made on location w/ WSR and A-plus to pump 800' plug.		
09:15	09:45	0.50	CMTPLUG	M/P Pump 154-sks, class G 15.8-ppg, yield 1.15 cuft/sk, 18.3-bbls mix water, 31.5-bbl slurry 800' long F/ 5483' T/ 4683', displace w/ 27.1-bbls 10-ppg water.		
09:45	11:45	2.00	TOH	POOH L/D 28-jts, reverse circulate @ 4579', POOH L/D 29-jts on trailer,		
11:45	12:15	0.50	HESREST	Crew lunch		
12:15	13:30	1.25	TOH	stand back 114--jts of tbg.		
13:30	17:00	3.50	CSGTST	RIH w/ perf sub, 2-jts, TST packer, 78-jts, set @ 2494', test F/ 2494' T/ surface to 500-psi fail test test F/2494' T/ TOC 500-psi for 15-minutes, good test RIH tag TOC @ 4695'. POOH w/ packer		
17:00	18:30	1.50	CSGTST	install 7' fullbore packer RIH 48-jts set @ 1476' test F/ 1476' T/ surface to 500-psi for 15-minutes good test. test F/1476' T/ TOC 500-psi bleed to 0-psi in 3-minutes, failed test POOH L/D packer		
18:30	19:00	0.50	WELLSI	SWI, debrief w/ crew		

Cement Plugs					
Cementing Start Date 9/19/2021 09:15	Cementing End Date 9/19/2021 09:45	Description Cement Plug	Type Plug	Vendor A Plus Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 4,683.0	Bottom Depth (ftKB) 5,483.0	Avg Pump Rate (bbl/min) 3	Final Pump Pressure (psi) 300.0	Depth Tagged (MD) (ftKB) 4,695
Fluid Type Lead	Class G	Density (lb/gal) 15.80	Yield (ft³/sack) 1.15	Quantity (sacks) 154	Volume Pumped (bbl) 31.5

Equipment Pressure Tests				
Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?

Comment

Tubing Strings			
Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System ESP Pump	Set Depth (MD) (ftKB) 6,452.6
Run Job Pump Repair, 8/27/2019 00:00	Run Date 8/30/2019 15:00	Pull Job Abandon Well - Permanent, 9/15/2021 07:00	Pull Date 9/15/2021 07:00

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EMC Daily P&A Report - External

Report Date: 9/18/2021
Rpt #: 4

Well Name Wilson Creek 31	Field Name Wilson Creek	Lease Wilson Creek Unit	Area Rockies
Business Unit Mid-Continent	County/ Parish Rio Blanco	Global Metrics Region Lower 48	Surface UWI 0510305843

Basic Well Data			
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Job Category Abandon	Actual Start Date 9/15/2021 07:00		Actual End Date
Primary Job Type Abandon Well - Permanent	Well Type Oil Producer		WWO/WWR Number

Phases						
Actual Start Date	Actual End Date	Phase 1	Phase 2	Duration (AFE) (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
9/15/2021 07:00	9/18/2021 10:00	ABAN	TBGPULL	0.95	28.50	22.81
9/18/2021 10:00	9/22/2021 13:00	ABAN	CMTPLUG	1.79	45.50	
		RECLA	FAC			

Daily Operations		
Report Start Date 9/18/2021 07:00	Report End Date 9/18/2021 17:00	Report Number 4
Time Log Total Hours (hr) 10.00		
Operations Summary Kill well. R/U TWC WL, RIH w/ gauge ring T 6520', POOH, set CIBP @ 6457', POOH R/D WL. RIH tallying tbg, tag CIBP, circulte hole clean w/ 245-bbls of 10-ppg brine water, test casing T/ 500-psi, M/P 114-sks class G cement, POOH and WOC over night.		
Projected Operations RIH tag TOC @ 5840' +or-, test casing to 500-psi, upgrade if needed. WOC tag and test continue w/ program		

Daily Pressures			
Type	Des	P (psi)	Note

Online - Time Log						
Start Time	End Time	Dur (hr)	Activity	Com	UE Ref No.	UE Time (hr)
07:00	07:30	0.50	HESMTG	Safety meeting, HP, H2S awareness, Lifting and rigging SWC		
07:30	07:45	0.25	MONITOR	Check well pressure, 7" casing 0-psi on vacuum, surface 0-psi		
07:45	08:00	0.25	WLKILL	Pump 20-bbls water down casing continue trickle.		
08:00	08:30	0.50	LBRCTR	SWC with WL crew, N/U shooting flange, R/U WL with full lube and test.		
08:30	09:30	1.00		RIH w/ 5.9" gauge ring T/ 6520' POOH, RIH w/ 7" CIBP, set @ 6457' WLM, PU and tag @ 6457'. POOH		
09:30	10:00	0.50	LBRCTR	R/D WL Lube, N/D flange, R/D and move truck		
10:00	12:45	2.75	TIH	RIH tallying 202-jts of 2-7/8" tbg, tag CIBP @ 6433' TM, L/D 1-jt tail @ 6430' Bud Thompson w/ BLM approved tag and to continue on F/ 6433' Bud Thompson w/ BLM gave variance to use 10-ppg brine for spacers on 9-17-21 @ 18:00hrs Bud Thompson w/ BLM waived witness of pressure test, and spot 114-sks of class G cement on 9-18-21 @ 13:15hrs		
12:45	14:45	2.00	CC	Turn hole over to 10-ppg brine water pumped 262-bbls		
14:45	15:15	0.50	CSGTST	Test casing T/ 500-psi it bleeds 420-psi in 2-minutes F/ 500-psi T/ 80-psi, test again w/ same results 420-psi loss in 2-minutes, failed test.		
15:15	15:30	0.25	CMTR/U	Spot bulk truck and fresh water truck on tight location.		
15:30	16:00	0.50	CMTPLUG	M/P 114-sks, 15.8-ppg class G cement, yield 1.15 cuft/sk, 13.5-bbls mix water, slurry 23.3-bbls 593' long, F/ 6433' T/ 5862', displace w/ 33.8-bbls 10-ppg water		
16:00	16:30	0.50	TOH	POOH L/D 19-jts and stand back 40-jts,142-jts in hole tail @ 4547'		
16:30	17:00	0.50	WELLSI	SWI, secure location, debrief w/ crew		

Cement Plugs					
Cementing Start Date 9/18/2021 15:30	Cementing End Date 9/18/2021 16:00	Description Cement Plug	Type Plug	Vendor A Plus Well Services	Technical Result Success
Stage Number 1	Top Depth (ftKB) 5,840.0	Bottom Depth (ftKB) 6,433.0	Avg Pump Rate (bbl/min) 3	Final Pump Pressure (psi) 300.0	Depth Tagged (MD) (ftKB)
Fluid Type Lead	Class G	Density (lb/gal) 15.80	Yield (ft³/sack) 1.15	Quantity (sacks) 114	Volume Pumped (bbl) 23.3

Equipment Pressure Tests				
Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?

Comment

Tubing Strings			
Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System ESP Pump	Set Depth (MD) (ftKB) 6,452.6
Run Job Pump Repair, 8/27/2019 00:00	Run Date 8/30/2019 15:00	Pull Job Abandon Well - Permanent, 9/15/2021 07:00	Pull Date 9/15/2021 07:00



EMC Daily P&A Report - External

Report Date: 9/17/2021

Rpt #: 3

Well Name Wilson Creek 31	Field Name Wilson Creek	Lease Wilson Creek Unit	Area Rockies
Business Unit Mid-Continent	County/ Parish Rio Blanco	Global Metrics Region Lower 48	Surface UWI 0510305843

Basic Well Data

Current RKB Elevation 7,972.00, <elvdttmstart>	Original RKB Elevation (ft) 7,972.00	Latitude (°) 40° 10' 19.92" N	Longitude (°) 107° 54' 16.632" W
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Job Category Abandon	Actual Start Date 9/15/2021 07:00	Actual End Date
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Primary Job Type Abandon Well - Permanent	Well Type Oil Producer	WWO/WWR Number
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Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Duration (AFE) (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
9/15/2021 07:00	9/18/2021 10:00	ABAN	TBGPULL	0.95	28.50	22.81
9/18/2021 10:00	9/22/2021 13:00	ABAN	CMTPLUG	1.79	45.50	
		RECLA	FAC			

Daily Operations

Report Start Date 9/17/2021 07:00	Report End Date 9/17/2021 15:30	Report Number 3
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Time Log Total Hours (hr)	7.00
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Operations Summary

Kill well, Finish testing HYD bag, R/U Baker and POOH spooling and cutting bands, L/D pump. R/D Baker, SM with TWC WL, SWA after doing SWC found chains out of compliance. SWI.

Projected Operations

Kill well. R/U TWC WL, RIH w/ gauge ring T 6500' +/-, POOH, set CIBP @ 6457' +/-, POOH R/D WL. RIH tallying tbg, tag CIBP, circulate hole clean w/ 295-bbbls of 10-ppg brine water, test casing T/ 500-psi, M/P 114-sks class G cement, POOH and WOC over night.

Daily Pressures

Type	Des	P (psi)	Note

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	UE Ref No.	UE Time (hr)
07:00	07:30	0.50	HESMTG	Safety meeting, HP, lifting and rigging, tenet 7, H2S awareness		
07:30	07:45	0.25	MONITOR	Check pressures, tbg 6-psi, production casing10-psi, surface 0-psi, bleed off tbg and casing to pit		
07:45	08:15	0.50	WLKILL	Pump 10-bbls down tbg, pump 30-bbls down casing, casing on vacuum, continue trickling .25-bpm casing on vacuum		
08:15	09:00	0.75	BOPTST	Open well. P/U cup and hanger assembly, lower into well. chart test Hyd bag and blind rams 250L and 1000H for 5-minutes each, good test, P/U hanger and cup tool and L/D		
09:00	09:30	0.50	HESMTG	Safety meeting w/ Baker ESP spooling crew. SWC for L&R		
09:30	13:30	4.00	COMPPULL	POOH cut bands, hang Baker shive, Continue POOH spooling and cutting band, 200-jts total, SN, 4' pup jt, L/D shive and pump. R/D Baker. move equipment off location.		
13:30	14:00	0.50	HESREST	Crew lunch		
14:00	14:45	0.75	INACTIVE	Safety meeting w/ TWC WL crew, spot WL truck. inspection lifting and rigging equipment. found chains out of annul compliance. order new chains for am		
14:45	15:00	0.25	INACTIVE	SWI, lock out BOPE. secure well and location		
15:00	15:30	0.50	INACTIVE	Debrief w/ crew		

Cement Plugs

Cementing Start Date	Cementing End Date	Description	Type	Vendor	Technical Result
Stage Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Depth Tagged (MD) (ftKB)
Fluid Type	Class	Density (lb/gal)	Yield (ft³/sack)	Quantity (sacks)	Volume Pumped (bbl)

Equipment Pressure Tests

Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
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Comment

Tubing Strings

Tubing Description	Wellbore	Artificial Lift System	Set Depth (MD) (ftKB)
Tubing - Production	Original Hole	ESP Pump	6,452.6

Run Job Pump Repair, 8/27/2019 00:00	Run Date 8/30/2019 15:00	Pull Job Abandon Well - Permanent, 9/15/2021 07:00	Pull Date 9/15/2021 07:00
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EMC Daily P&A Report - External

Report Date: 9/16/2021
Rpt #: 2

Well Name Wilson Creek 31	Field Name Wilson Creek	Lease Wilson Creek Unit	Area Rockies
Business Unit Mid-Continent	County/ Parish Rio Blanco	Global Metrics Region Lower 48	Surface UWI 0510305843

Basic Well Data

Current RKB Elevation 7,972.00, <elvdttmstart>	Original RKB Elevation (ft) 7,972.00	Latitude (°) 40° 10' 19.92" N	Longitude (°) 107° 54' 16.632" W
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Job Category	Actual Start Date	Actual End Date
Abandon	9/15/2021 07:00	

Primary Job Type Abandon Well - Permanent	Well Type Oil Producer	WWO/WWR Number
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Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Duration (AFE) (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
9/15/2021 07:00	9/18/2021 10:00	ABAN	TBGPULL	0.95	28.50	22.81
9/18/2021 10:00	9/22/2021 13:00	ABAN	CMTPLUG	1.79	45.50	
		RECLA	FAC			

Daily Operations

Report Start Date 9/16/2021 07:00	Report End Date 9/16/2021 19:00	Report Number 2
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Time Log Total Hours (hr)	12.00
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<p>Operations Summary</p> <p>drop guy wires. R/D derrick, fix dogs. R/U and guy out. R/U pump and hoses. kill tbg, install BPV in hanger. N/D tree. N/U class 3-BOPE and function test. kill casing, pull hanger free. band cable to pipe, cut cable and remove hanger. install test cups. test BOPE pipe rams 250L and 1000H for 5-minutes each, good test.. SWI</p>

Projected Operations	
1	2
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95	96
97	98
99	100

Kill well, Finish testing HYD bag, R/U Baker and POOH spooling and cutting bands off tbq, L/D pump. R/D Backer, R/U Cutter WL, run gauge ring, set CIBP. R/D cutter. RIH tally tbq in hole

Daily Pressures

Type	Des	P (psi)	Note

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	UE Ref No.	UE Time (hr)
07:00	07:30	0.50	HESMTG	Safety meeting, HP, H2S awareness		
07:30	08:00	0.50	R/D	Rig down derrick, fix dogs		
08:00	08:30	0.50	R/U	Rig up, set dogs, guy out		
08:30	09:00	0.50	R/U	R/U links, elevators,		
09:00	10:00	1.00	MONITOR	Check pressures, tbq 20-psi, casing 160-psi, surfae 0-psi. double valve casing valves.		
10:00	13:00	3.00	BOPN/U	Bleed off tbq, install BPV, N/D well head, N/U class III BOPE and function test good		
13:00	14:30	1.50	R/U	R/U pump and hoses, bleed off casing and kill w/ 60-bbls of water, continue pumping .5bpm		
14:30	16:30	2.00	R/U	R/U floor and stair's. R/U tbq equipment. caliper elevators and pup jt. single out pulling lines.		
16:30	18:30	2.00	WELLTEST	kill tbq w/ 40-bbls, pull on hanger, hanger stuck, check hanger pins, back out pins few more turns. pull hanger, remove BPV. land cup tool w// grey hanger. start BOP test, BOP bolts leaking, tighten bolts, still leaking, set weight og tbq on BOP, tighten bolts, running out of time, test pipe rams 250L/1000H for 5-minutes each. Pull cup tool, install pup jt, SWI		
18:30	19:00	0.50	HESMTG	Debrief with crew		

Cement Plugs

Cementing Start Date	Cementing End Date	Description	Type	Vendor	Technical Result
Stage Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Depth Tagged (MD) (ftKB)
Fluid Type	Class	Density (lb/gal)	Yield (ft³/sack)	Quantity (sacks)	Volume Pumped (bbl)

Equipment Pressure Tests

Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
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Comment

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System ESP Pump	Set Depth (MD) (ftKB) 6,452.6
Run Job Pump Repair, 8/27/2019 00:00	Run Date 8/30/2019 15:00	Pull Job Abandon Well - Permanent, 9/15/2021 07:00	Pull Date 9/15/2021 07:00



EMC Daily P&A Report - External

Report Date: 9/15/2021
Rpt #: 1

Well Name Wilson Creek 31	Field Name Wilson Creek	Lease Wilson Creek Unit	Area Rockies
Business Unit Mid-Continent	County/ Parish Rio Blanco	Global Metrics Region Lower 48	Surface UWI 0510305843

Basic Well Data

Current RKB Elevation 7,972.00, <elvdttmstart>	Original RKB Elevation (ft) 7,972.00	Latitude (°) 40° 10' 19.92" N	Longitude (°) 107° 54' 16.632" W
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Job Category	Actual Start Date	Actual End Date
Abandon	9/15/2021 07:00	

Primary Job Type Abandon Well - Permanent	Well Type Oil Producer	WWO/WWR Number
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Phases

Actual Start Date	Actual End Date	Phase 1	Phase 2	Duration (AFE) (days)	Time Log Hrs (hr)	Percent Problem Time (%)
		PREP	FAC			
		MOB	MOVEON			
9/15/2021 07:00	9/18/2021 10:00	ABAN	TBGPULL	0.95	28.50	22.81
9/18/2021 10:00	9/22/2021 13:00	ABAN	CMTPLUG	1.79	45.50	
		RECLA	FAC			

Daily Operations

Report Start Date 9/15/2021 07:00	Report End Date 9/15/2021 19:00	Report Number 1
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Time Log Total Hours (hr)	6.50
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Operations Summary

Site specific orientation with crew and ops team at Wilson creek. mobilize equipment to location, use back hoe to level location. spot rig matt. MVC on pad 38, MIRU. unable to get dogs to set. secure rig, SDFN

Projected Operations

drop guy wires. R/D derrick, fix dogs. R/U and guy out. R/U pump and hoses. kill tbg, install BPV in hanger. N/D tree. N/U class 3-BOPE and function test. kill casing, pull hanger free. band cable to pipe, cut cable and remove hanger. install test cups. test BOPE 250L and 1200H for 5-minutes each, good test. R/U Baker. POOH cutting bands and spooling cable.

Daily Pressures

Type	Des	P (psi)	Note

Online - Time Log

Start Time	End Time	Dur (hr)	Activity	Com	UE Ref No.	UE Time (hr)
07:00	08:30	1.50	HESDWN	Site specific orientation w/ crew at Wilson creek office		
08:30	09:30	1.00	UNITMOV	Pre-trip route to location w/ rig crew. location needs dirt work done. call backhoe to level and prep location for rig matt, go and check site 11 and 27		
09:30	11:30	2.00	PREPSITE	safety meeting, permit, move dirt and level location for rig.		
11:30	12:15	0.75	UNITMOV	Mobilize rig, winch truck, rest rooms and dog house to location from office area		
12:15	12:45	0.50	HESREST	crew lunch		
				while moving trailer up the hill to pad 38, driver hit flow line with hand rail of trailer. no loss of containment		
12:45	13:30	0.75	HESMTG	Safety meeting, HP, H2S awareness, driving around well heads	1	0.50
13:30	17:00	3.50	INACTIVE	Spot rig matt, R/U rig, move shackle on load guides. go up and in latching dogs, found dogs not set. reset dogs and still not set correctly. continue working on setting dogs		
17:00	17:30	0.50	INACTIVE	Use SWA and stop trying to fix dogs. will rig down in the morning and have mechanic repair dogs.		
17:30	18:00	0.50	INACTIVE	secure rig for night. debrief w/ crew		

Cement Plugs

Cementing Start Date	Cementing End Date	Description	Type	Vendor	Technical Result
Stage Number	Top Depth (ftKB)	Bottom Depth (ftKB)	Avg Pump Rate (bbl/min)	Final Pump Pressure (psi)	Depth Tagged (MD) (ftKB)
Fluid Type	Class	Density (lb/gal)	Yield (ft³/sack)	Quantity (sacks)	Volume Pumped (bbl)

Equipment Pressure Tests

Date	Test Type	Applied Surface Pressure (psi)	Item Tested	Failed?
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Comment

Tubing Strings

Tubing Description Tubing - Production	Wellbore Original Hole	Artificial Lift System ESP Pump	Set Depth (MD) (ftKB) 6,452.6
Run Job Pump Repair, 8/27/2019 00:00	Run Date 8/30/2019 15:00	Pull Job Abandon Well - Permanent, 9/15/2021 07:00	Pull Date 9/15/2021 07:00