

TORC OIL & GAS LTD.

EAST MANSON UNIT #7

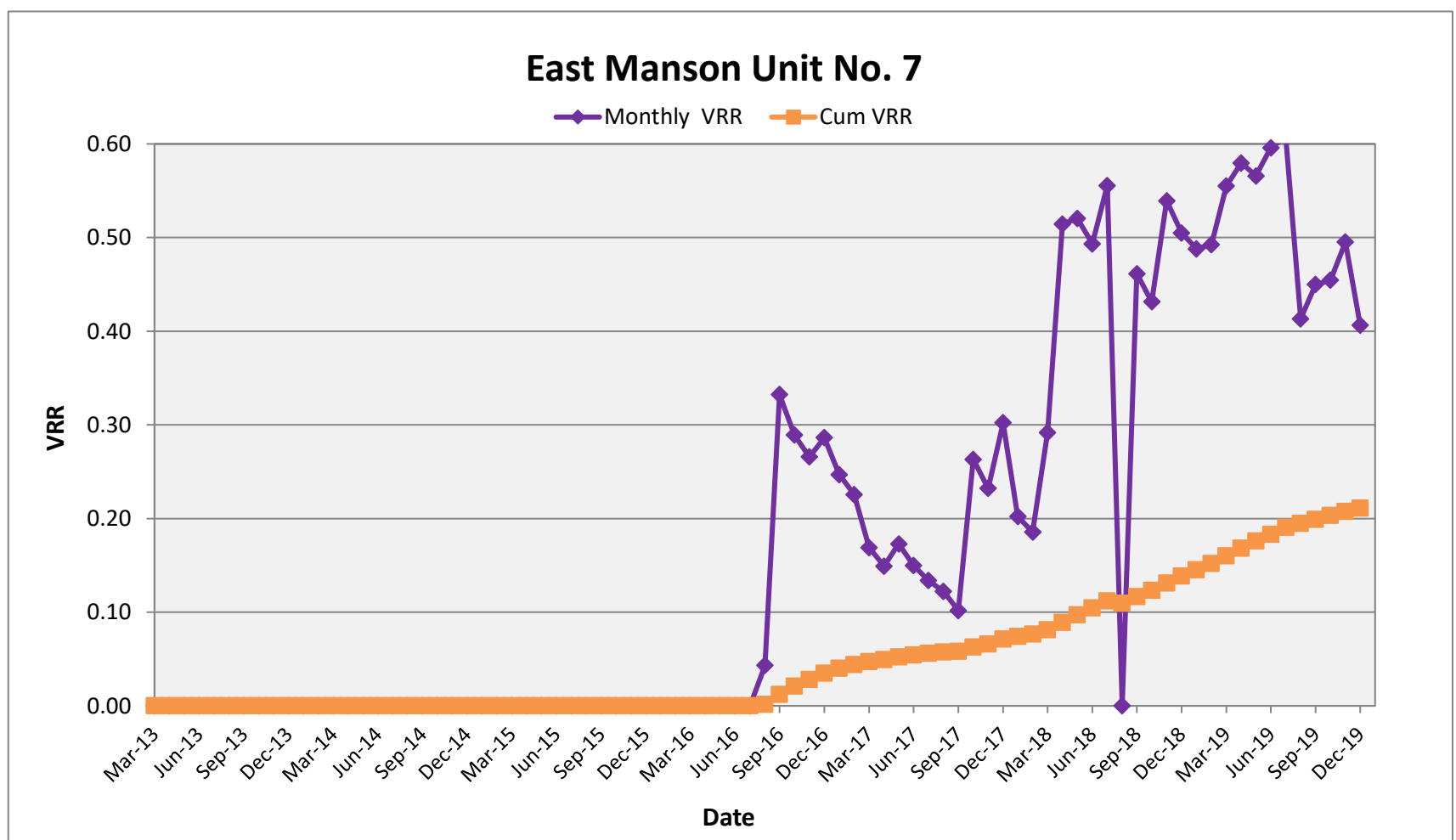
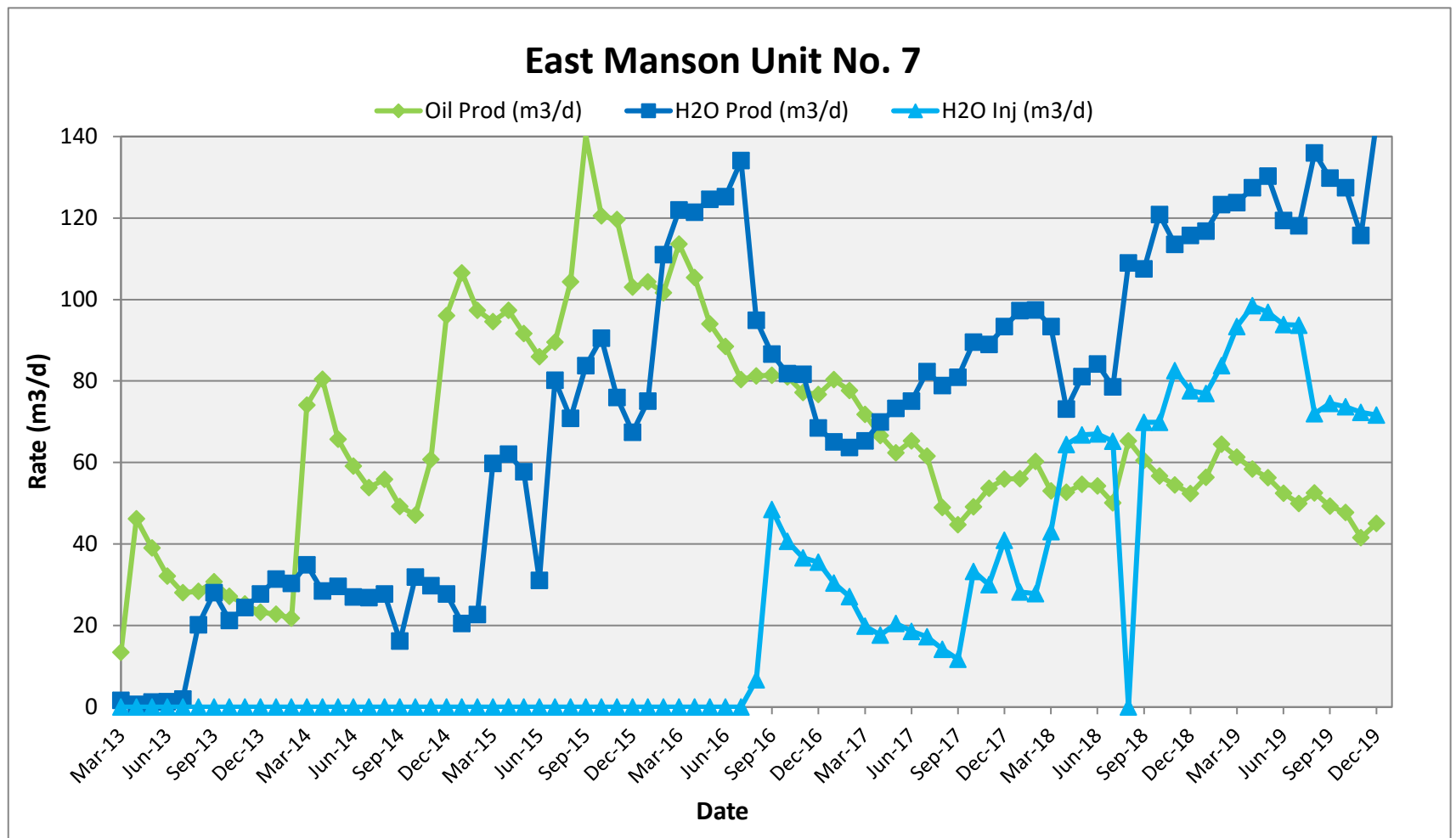
ENHANCED OIL RECOVERY (EOR) ANNUAL REPORT

Discussion:

East Manson Unit #7 delivered another year of steady flood performance throughout 2019. In its 3rd year of operations since inception, this flood has continued to show that injection conformance has been effective in arresting production decline and providing sufficient pressure maintenance to the reservoir.

TORC has noticed injection rates have started to decline and offsetting production has been negatively impact. Going forward, optimization efforts will be made to restore injection within the unit.

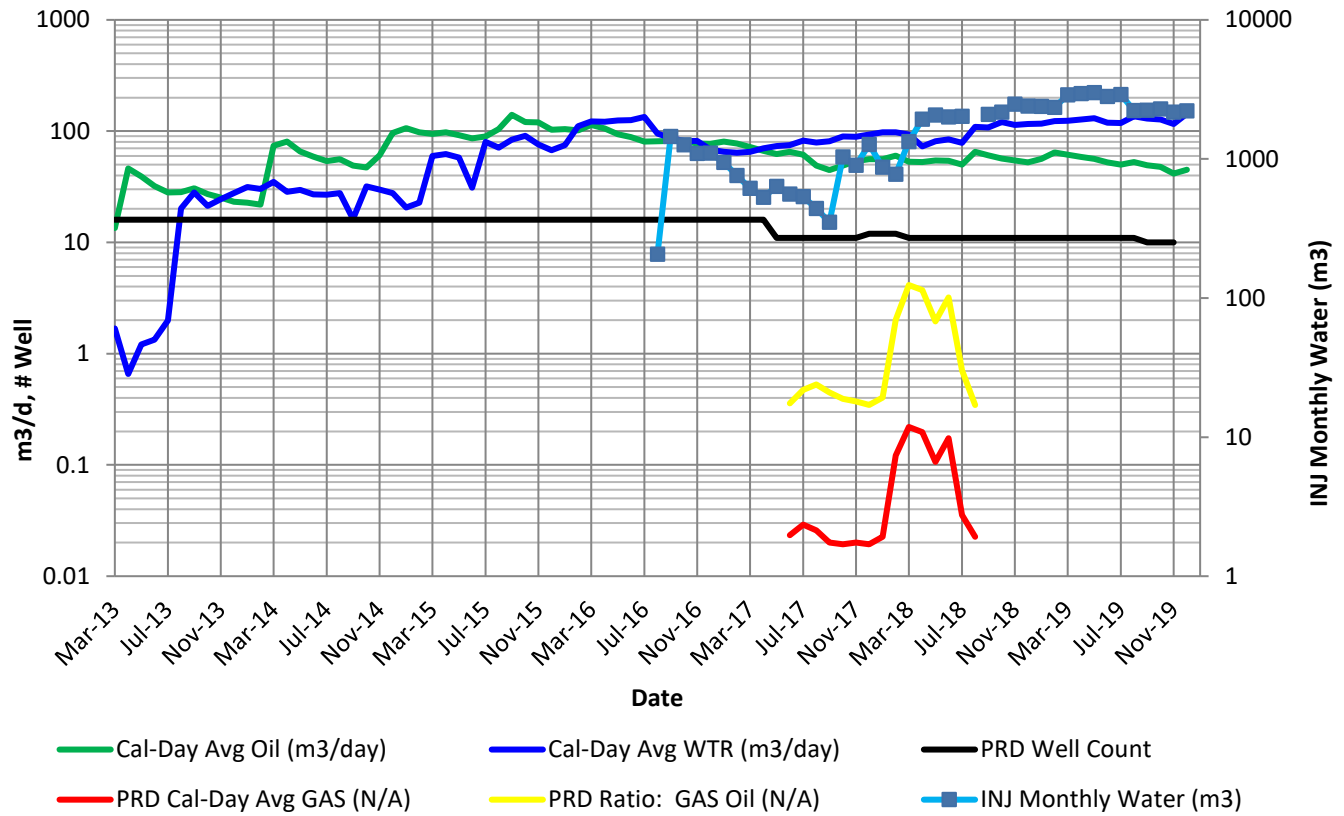
	Date	Oil Prod (m3/d)	Gas Prod (e3m3/d)	H2O Prod (m3/d)	H2O Inj (m3/d)	Monthly VRR	Cum VRR	Cum PRD Oil (m3)	Cum PRD Gas (e3m3)	Cum PRD Water (m3)	Cum INJ Water (m3)
EMU No.7	Dec-2019	45	-	144	72	0.41	0.211	163,190	32	183,668	64,307



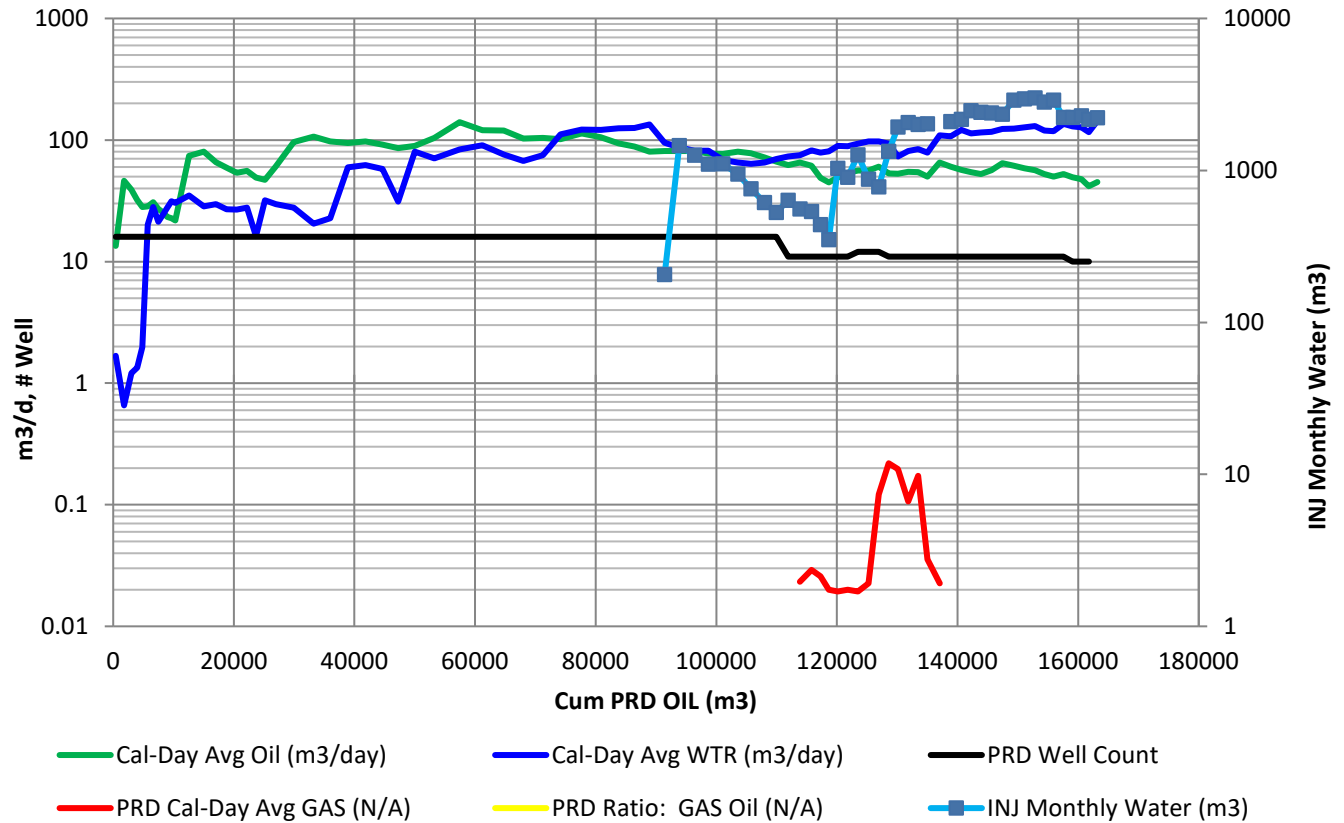
East Manson Unit No. 7 (Section 35& 36-012-28W1, Section 01 & 02-013-28W1) - VRR Table																										
		Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly										Prod								
Month	Days	Oil Prod	Oil Prod	Gas Prod	H2O Prod	H2O Prod	H2O Inj	H2O Inj	Oil Prod	Gas Prod	H2O Prod	H2O Inj	Cum Oil	Cum Oil	Cum Gas	Cum H2O	Cum H2O Inj	Well	GOR	H2OCut	Voidage	Monthly	Cum GOR	H2OCut	Cum Void	Cum VRR
		(bbl)	(m3)	(E3m3)	(bbl)	(m3)	(bbl)	(m3)	(m3/d)	(E3m3/d)	(m3/d)	(m3/d)	(bbl)	(m3)	(E3m3)	(m3)	(m3)	Count	(m3/m3)	%	(rm3/d)	VRR	(m3/m3)	%	(rm3)	
Mar-13	31	2,625	417.3	0	328	52.1	0	0	13	0	2	0	2,625	417	0	52	0	16	0	11.1%	12	0.00	0.0	11.1%	357.0	0.000
Apr-13	30	8,723	1,386.7	0	124	19.7	0	0	46	0	1	0	11,347	1804	0	72	0	16	0	1.4%	34	0.00	0.0	3.8%	1389.1	0.000
May-13	31	7,620	1,211.5	0	235	37.4	0	0	39	0	1	0	18,967	3015	0	109	0	16	0	3.0%	30	0.00	0.0	3.5%	2311.0	0.000
Jun-13	30	6,064	964.0	0	253	40.2	0	0	32	0	1	0	25,031	3980	0	149	0	16	0	4.0%	25	0.00	0.0	3.6%	3055.2	0.000
Jul-13	31	5,474	870.3	0	386	61.4	0	0	28	0	2	0	30,505	4850	0	211	0	16	0	6.6%	22	0.00	0.0	4.2%	3752.2	0.000
Aug-13	31	5,535	880.0	0	3,939	626.2	0	0	28	0	20	0	36,041	5730	0	837	0	16	0	41.6%	41	0.00	0.0	12.7%	5023.9	0.000
Sep-13	30	5,798	921.7	0	5,297	842.2	0	0	31	0	28	0	41,838	6652	0	1679	0	16	0	47.7%	51	0.00	0.0	20.2%	6543.3	0.000
Oct-13	31	5,300	842.6	0	4,138	657.8	0	0	27	0	21	0	47,138	7494	0	2337	0	16	0	43.8%	41	0.00	0.0	23.8%	7819.5	0.000
Nov-13	30	4,772	758.6	0	4,613	733.4	0	0	25	0	24	0	51,910	8253	0	3070	0	16	0	49.2%	43	0.00	0.0	27.1%	9110.4	0.000
Dec-13	31	4,538	721.5	0	5,404	859.1	0	0	23	0	28	0	56,448	8974	0	3930	0	16	0	54.4%	45	0.00	0.0	30.5%	10500.6	0.000
Jan-14	31	4,445	706.6	0	6,129	974.4	0	0	23	0	31	0	60,893	9681	0	4904	0	16	0	58.0%	48	0.00	0.0	33.6%	11995.8	0.000
Feb-14	28	3,847	611.6	0	5,341	849.1	0	0	22	0	30	0	64,740	10292	0	5753	0	16	0	58.1%	46	0.00	0.0	35.9%	13295.7	0.000
Mar-14	31	14,443	2,296.2	0	6,809	1,082.5	0	0	74	0	35	0	79,183	12589	0	6836	0	16	0	32.0%	89	0.00	0.0	35.2%	16059.9	0.000
Apr-14	30	15,173	2,412.3	0	5,374	854.4	0	0	80	0	28	0	94,357	15001	0	7690	0	16	0	26.2%	87	0.00	0.0	33.9%	18679.6	0.000
May-14	31	12,809	2,036.3	0	5,776	918.2	0	0	66	0	30	0	107,165	17037	0	8608	0	16	0	31.1%	78	0.00	0.0	33.6%	21088.9	0.000
Jun-14	30	11,157	1,773.8	0	5,099	810.7	0	0	59	0	27	0	118,322	18811	0	9419	0	16	0	31.4%	70	0.00	0.0	33.4%	23198.5	0.000
Jul-14	31	10,507	1,670.5	0	5,230	831.5	0	0	54	0	27	0	128,830	20482	0	10250	0	16	0	33.2%	66	0.00	0.0	33.4%	25253.7	0.000
Aug-14	31	10,892	1,731.6	0	5,412	860.4	0	0	56	0	28	0	139,721	22213	0	11111	0	16	0	33.2%	69	0.00	0.0	33.3%	27382.4	0.000
Sep-14	30	9,280	1,475.4	0	3,051	485.1	0	0	49	0	16	0	149,001	23689	0	11596	0	16	0	24.7%	52	0.00	0.0	32.9%	28947.0	0.000
Oct-14	31	9,182	1,459.8	0	6,223	989.4	0	0	47	0	32	0	158,183	25148	0	12585	0	16	0	40.4%	66	0.00	0.0	33.4%	31007.0	0.000
Nov-14	30	11,461	1,822.1	0	5,618	893.2	0	0	61	0	30	0	169,644	26971	0	13478	0	16	0	32.9%	74	0.00	0.0	33.3%	33234.9	0.000
Dec-14	31	18,730	2,977.8	0	5,406	859.5	0	0	96	0	28	0	188,375	29948	0	14338	0	16	0	22.4%	98	0.00	0.0	32.4%	36272.4	0.000
Jan-15	31	20,775	3,302.9	0	4,006	636.9	0	0	107	0	21	0	209,150	33251	0	14975	0	16	0	16.2%	98	0.00	0.0	31.1%	39323.6	0.000
Feb-15	28	17,141	2,725.0	0	4,004	636.5	0	0	97	0	23	0	226,290	35976	0	15611	0	16	0	18.9%	94	0.00	0.0	30.3%	41952.5	0.000
Mar-15	31	18,442	2,931.9	0	11,654	1,852.7	0	0	95	0	60	0	244,732	38908	0	17464	0	16	0	38.7%	129	0.00	0.0	31.0%	45954.9	0.000
Apr-15	30	18,378	2,921.7	0	11,715	1,862.4	0	0	97	0	62	0	263,110	41830	0	19327	0	16	0	38.9%	133	0.00	0.0	31.6%	49959.7	0.000
May-15	31	17,878	2,842.3	0	11,260	1,790.1	0	0	92	0	58	0	280,988	44672	0	21117	0	16	0	38.6%	125	0.00	0.0	32.1%	53833.7	0.000
Jun-15	30	16,219	2,578.5	0	5,868	932.9	0	0	86	0	31	0	297,207	47251	0	22050	0	16	0	26.6%	94	0.00	0.0	31.8%	56653.6	0.000
Jul-15	31	17,458	2,775.6	0	15,640	2,486.5	0	0	90	0	80	0	314,665	50026	0	24536	0	16	0	47.3%	146	0.00	0.0	32.9%	61178.9	0.000
Aug-15	31	20,348	3,235.0	0	13,808	2,195.3	0	0	104	0	71	0	335,013	53261	0	26731	0	16	0	40.4%	147	0.00	0.0	33.4%	65746.8	0.000
Sep-15	30	26,462	4,207.0	0	15,801	2,512.0	0	0	140	0	84	0	361,475	57468	0	29243	0	16	0	37.4%	187	0.00	0.0	33.7%	71342.7	0.000
Oct-15	31	23,502	3,736.4	0	17,654	2,806.7	0	0	121	0	91	0	384,977	61205	0	32050	0	16	0	42.9%	179	0.00	0.0	34.4%	76891.2	0.000
Nov-15	30	22,568	3,587.9	0	14,341	2,280.0	0	0	120	0	76	0	407,545	64793	0	34330	0	16	0	38.9%	164	0.00	0.0	34.6%	81801.9	0.000
Dec-15	31	20,099	3,195.5	0	13,151	2,090.9	0	0	103	0	67	0	427,645	67988	0	36421	0	16	0	39.6%	143	0.00	0.0	34.9%	86236.0	0.000
Jan-16	31	20,354	3,235.9	0	14,634	2,326.6	0	0	104	0	75	0	447,998	71224	0	38748	0	16	0	41.8%	152	0.00	0.0	35.2%	90936.5	0.000
Feb-16	29	18,545	2,948.3	0	20,244	3,218.5	0	0	102	0	111	0	466,543	74172	0	41966	0	16	0	52.2%	186	0.00	0.0	36.1%	96323.6	0.000
Mar-16	31	22,155	3,522.2	0	23,780	3,780.5	0	0	114	0	122	0	488,698	77694	0	45747	0	16	0	51.8%	206	0.00	0.0	37.1%	102694.5	0.000
Apr-16	30	19,896	3,163.0	0	22,909	3,642.1	0	0	105	0	121	0	508,594	80857	0	49389	0	16	0	53.5%	199	0.00	0.0	37.9%	108664.1	0.000
May-16	31	18,328	2,913.8	0	24,299	3,863.2	0	0	94	0	125	0	526,922	83771	0	53252	0	16	0	57.0%	194	0.00	0.0	38.9%	114674.0	0.000
Jun-16	30	16,698	2,654.6	0	23,639	3,758.2	0	0	88	0	125	0	543,619	86426	0	57010	0	16	0	58.6%	191	0.00	0.0	39.7%	120389.1	0.000
Jul-16	31	15,673	2,491.7	0	26,145	4,156.6	0	0	80	0	134	0	559,292	88918	0	61167	0	16	0	62.5%	193	0.00	0.0	40.8%	126385.8	0.000
Aug-16	31	15,842	2,518.6	0	18,509	2,942.6	1,297	206	81	0	95	7	575,134	91436	0	64109	206	16	0	53.9%	155	0.04	0.0	41.2%	131182.0	0.002
Sep-16	30	15,365	2,442.7	0	16,351	2,599.5	9,145	1,454	81	0	87	48	590,499	93879	0	66709	1660	16	0	51.6%	147	0.33	0.0	41.5%	135577.9	0.012
Oct-16	31	15,791	2,510.4	0	15,961	2,537.6	7,935	1,261	81	0	82	41	606,290	96389	0	69246	2922	16	0	50.3%	141	0.29	0.0	41.8%	139960.9	0.021
Nov-16	30	14,563	2,315.3	0	15,404	2,448.9	6,908	1,098	77	0	82	37	620,853	98705	0	71695	4020	16	0	51.4%	138	0.27	0.0	42.1%	144112.4	0.028
Dec-16	31	14,957	2,377.9	0	13,348	2,122.1	6,934	1,102	77	0	68	36	635,810	101083	0	73817	5122	16	0	47.2%	125	0.29	0.0	42.2%	147981.1	0.035
Jan-17	31	15,661	2,489.8	0	12,691	2,017.7	5,940	944	80	0	65	30	651,471	103572	0	75835	6067	16	0	44.8%	124	0.25	0.0	42.3%	151826.6	0.040
Feb-17	28	13,676	2,174.3	0	11,223	1,784.3	4,772	759	78	0	64	27	665,147	105747	0	77619	6825	16	0	45.1%	121	0.23	0.0	42.3%	155207.2	0.044
Mar-17	31	13,997	2,225.2	0	12,732	2,024.2	3,872	616	72	0	65	20	679,144	107972	0	79644	7441	16	0	47.6%	118	0.17	0.0	42.5%	158866.1	0.047
Apr-17	30	12,576	1,999.4	0	13,198	2,098.3	3,333	530	67	0	70	18	691,720	109971	0	81742	7971	16	0	51.2%	119	0.15	0.0	42.6%	162434.5	0.049
May-17	31	12,161	1,933.4	0	14,2																					

East Manson Unit No. 7 (Section 35& 36-012-28W1, Section 01 & 02-013-28W1) - VRR Table																									
		Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly										Prod							
Month	Days	Oil Prod	Oil Prod	Gas Prod	H2O Prod	H2O Prod	H2O Inj	H2O Inj	Oil Prod	Gas Prod	H2O Prod	H2O Inj	Cum Oil	Cum Oil	Cum Gas	Cum H2O	Cum H2O Inj	Well	GOR						
		(bbl)	(m3)	(E3m3)	(bbl)	(m3)	(bbl)	(m3)	(m3/d)	(E3m3/d)	(m3/d)	(m3/d)	(bbl)	(m3)	(E3m3)	(m3)	(m3)	Count	(m3/m3)	H2OCut	Voidage	Monthly	Cum GOR	H2OCut	Cum Void
																				%	(rm3/d)	VRR	(m3/m3)	%	(rm3)
Nov-18	30	10,279	1,634.1	0	21,421	3,405.6	15,577	2,477	54	0	114	83	894,807	142259	32	134088	31455	11	0	67.6%	154	0.54	0.2	48.5%	240875.2
Dec-18	31	10,208	1,622.9	0	22,562	3,586.9	15,137	2,406	52	0	116	78	905,015	143882	32	137675	33861	11	0	68.8%	155	0.50	0.2	48.9%	245665.1
Jan-19	31	10,991	1,747.3	0	22,768	3,619.8	15,006	2,386	56	0	117	77	916,006	145629	32	141295	36247	11		67.4%	159	0.49	0.2	49.2%	250578.8
Feb-19	28	11,365	1,806.8	0	21,709	3,451.4	14,756	2,346	65	0	123	84	927,371	147436	32	144746	38593	11		65.6%	171	0.49	0.2	49.5%	255366.7
Mar-19	31	11,951	1,900.1	0	24,128	3,835.9	18,213	2,896	61	0	124	93	939,322	149336	32	148582	41489	11		66.9%	169	0.56	0.2	49.9%	260609.2
Apr-19	30	11,028	1,753.3	0	24,046	3,822.9	18,581	2,954	58	0	127	98	950,351	151089	32	152405	44443	11		68.6%	171	0.58	0.2	50.2%	265731.5
May-19	31	10,980	1,745.7	0	25,404	4,038.8	18,887	3,003	56	0	130	97	961,331	152835	32	156444	47445	11		69.8%	172	0.57	0.2	50.6%	271065.3
Jun-19	30	9,904	1,574.5	0	22,525	3,581.1	17,713	2,816	52	0	119	94	971,235	154409	32	160025	50261	11		69.5%	158	0.60	0.2	50.9%	275814.0
Jul-19	31	9,733	1,547.3	0	23,023	3,660.3	18,275	2,905	50	0	118	94	980,967	155957	32	163685	53167	11		70.3%	155	0.61	0.2	51.2%	280622.4
Aug-19	31	10,250	1,629.6	0	26,520	4,216.2	14,036	2,232	53	0	136	72	991,218	157586	32	167901	55398	11		72.1%	175	0.41	0.2	51.6%	286049.8
Sep-19	30	9,299	1,478.4	0	24,498	3,894.7	14,060	2,235	49	0	130	75	1,000,517	159065	32	171796	57633	10		72.5%	166	0.45	0.2	51.9%	291043.5
Oct-19	31	9,315	1,481.0	0	24,847	3,950.2	14,368	2,284	48	0	127	74	1,009,832	160546	32	175746	59918	10		72.7%	163	0.45	0.2	52.3%	296094.9
Nov-19	30	7,849	1,247.9	0	21,840	3,472.2	13,638	2,168	42	0	116	72	1,017,681	161793	32	179218	62086	10		73.6%	147	0.50	0.2	52.6%	300495.7
Dec-19	31	8,786	1,396.8	0	27,991	4,450.0	13,971	2,221	45	0	144	72	1,026,467	163190	32	183668	64307			76.1%	177	0.41	0.2	53.0%	305988.1

East Manson Unit No. 7 - Rate Time



East Manson Unit No. 7 - Rate Cum

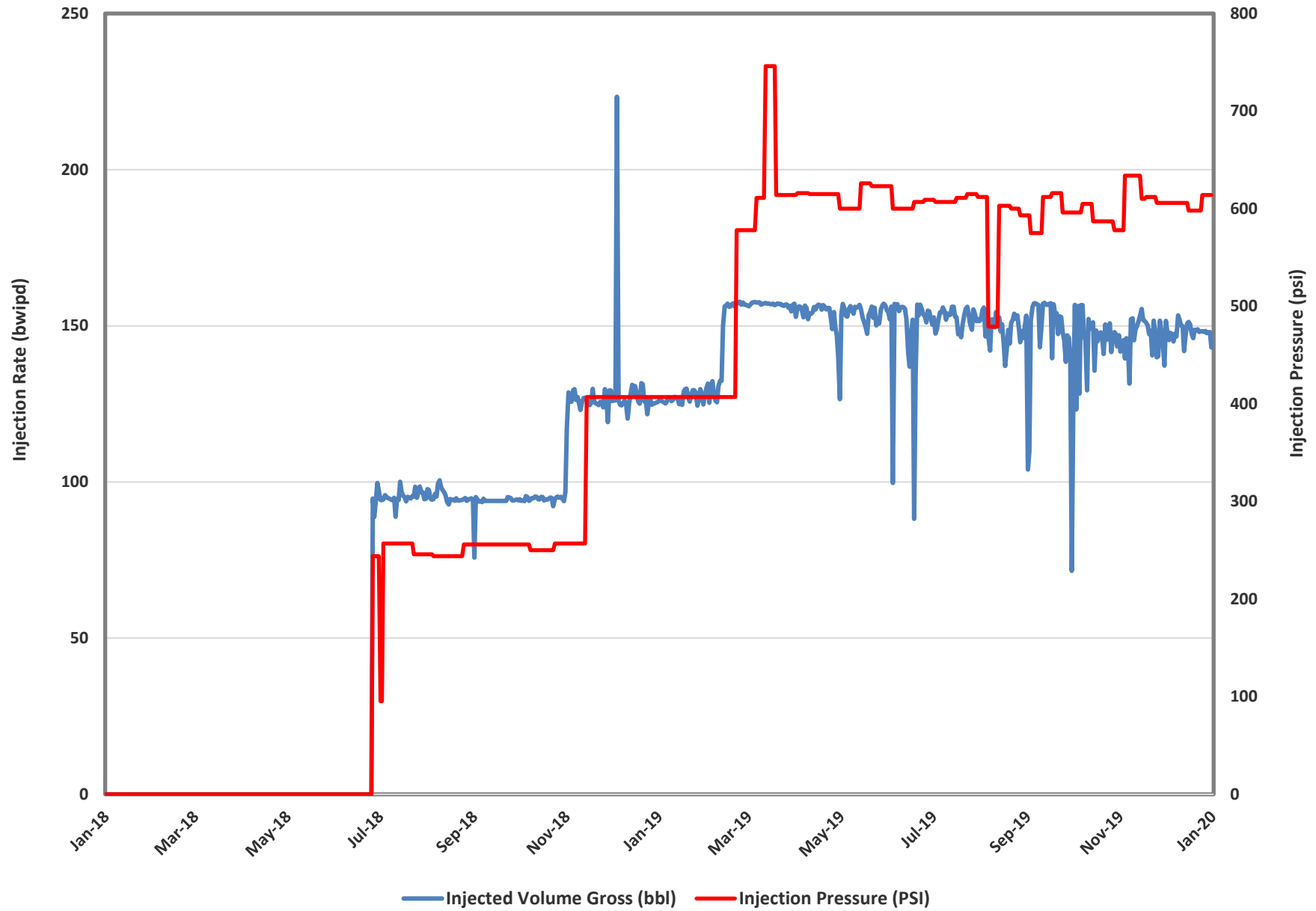


East Manson Unit No. 7 - Injection Parameters

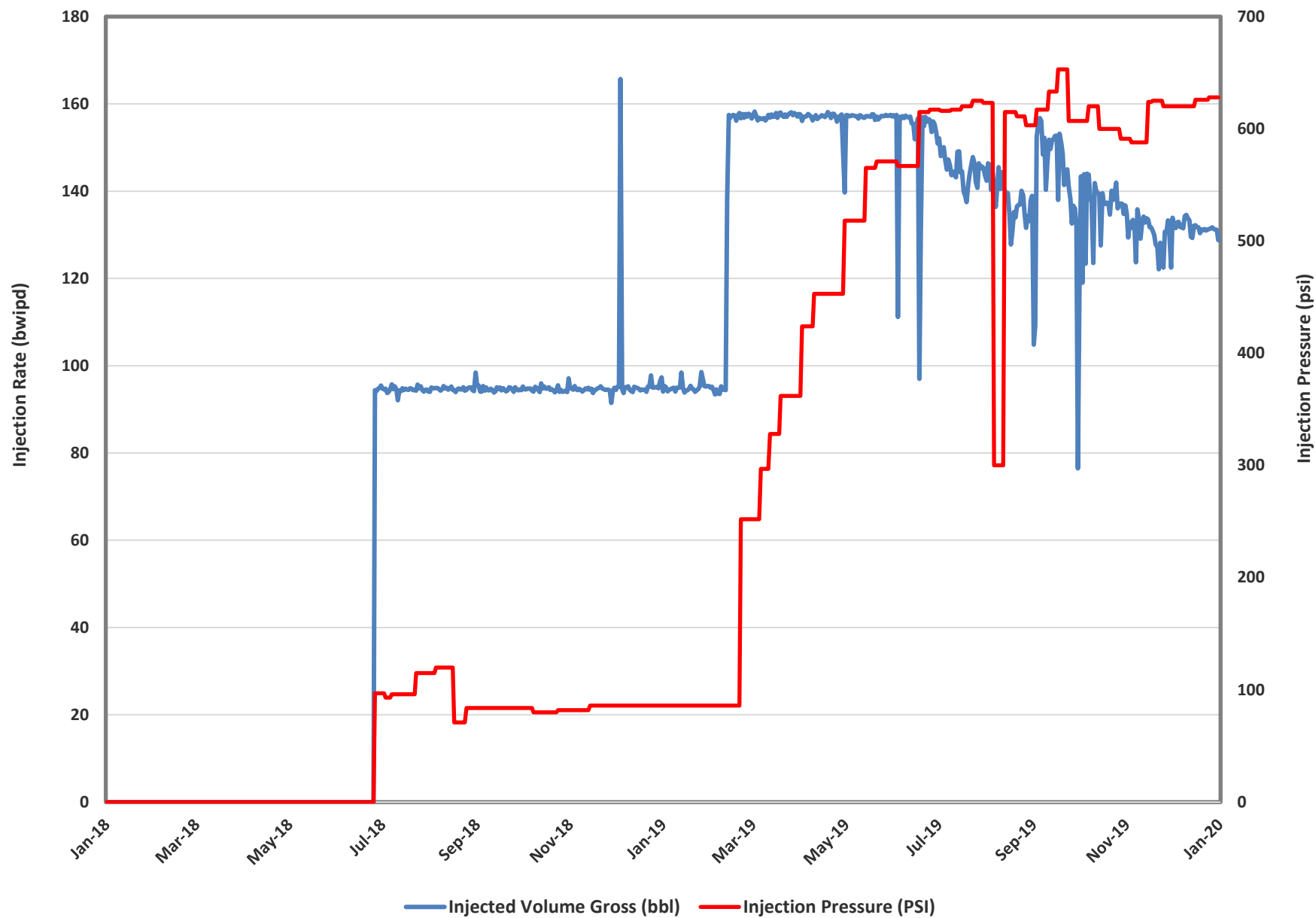
Month	Oil Rate (m3/d)	Gas Rate (e3m3/d)	Water Rate (m3/d)	Water Inj Rate (m3/d)	Cum Oil (m3)	Cum Gas (e3m3)	Cum Water (m3)	Cum Inj Water (m3)	GOR (m3/m3)	WOR (m3/m3)
Jan-19	56.4	0.0	116.8	77.0	145,629	31.9	141,295	36247.0	0	2.07
Feb-19	64.5	0.0	123.3	83.8	147,436	31.9	144,746	38593.0	0	1.91
Mar-19	61.3	0.0	123.7	93.4	149,336	31.9	148,582	41488.5	0	2.02
Apr-19	58.4	0.0	127.4	98.5	151,089	31.9	152,405	44442.6	0	2.18
May-19	56.3	0.0	130.3	96.9	152,835	31.9	156,444	47445.3	0	2.31
Jun-19	52.5	0.0	119.4	93.9	154,409	31.9	160,025	50261.3	0	2.27
Jul-19	49.9	0.0	118.1	93.7	155,957	31.9	163,685	53166.7	0	2.37
Aug-19	52.6	0.0	136.0	72.0	157,586	31.9	167,901	55398.3	0	2.59
Sep-19	49.3	0.0	129.8	74.5	159,065	31.9	171,796	57633.5	0	2.63
Oct-19	47.8	0.0	127.4	73.7	160,546	31.9	175,746	59917.7	0	2.67
Nov-19	41.6	0.0	115.7	72.3	161,793	31.9	179,218	62085.9	0	2.78
Dec-19	45.1	0.0	143.5	71.6	163,190	31.9	183,668	64307.0	0	3.19

Month	00/16-36 Inj Press. (psi)	02/01-01 Inj Press. (psi)	00/08-01 Inj Press. (psi)	03/09-01 Inj Press. (psi)	02/01-02 Inj Press. (psi)
Jan-19	407	86	638	634	635
Feb-19	456	133	641	637	642
Mar-19	637	324	640	637	637
Apr-19	615	444	630	630	630
May-19	614	547	634	635	635
Jun-19	606	589	573	637	640
Jul-19	610	620	581	622	623
Aug-19	574	542	579	589	606
Sep-19	598	625	462	634	636
Oct-19	592	605	557	606	605
Nov-19	615	607	571	608	607
Dec-19	605	624	582	624	622

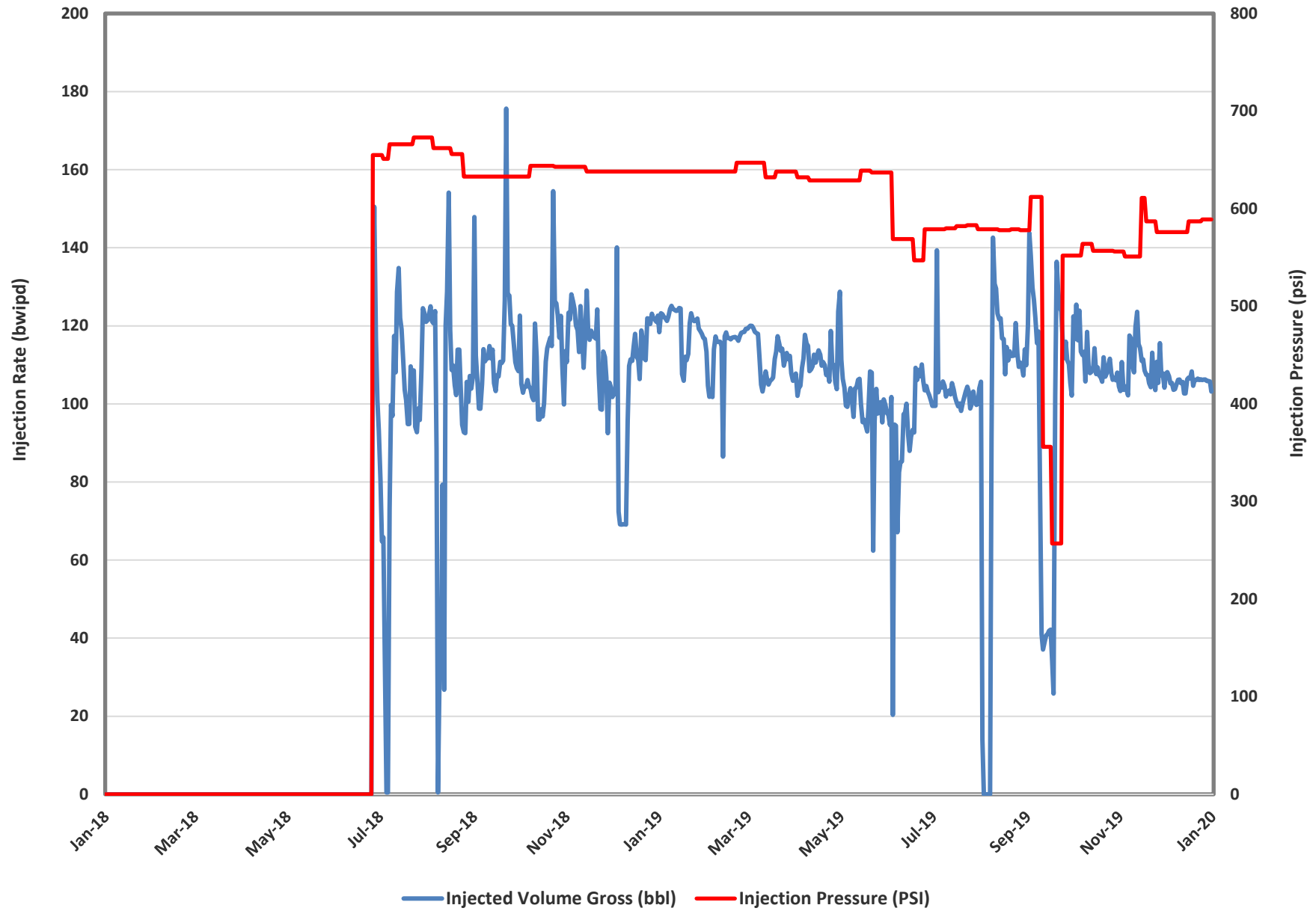
00/16-36-013-28W1 Rate vs Pressure



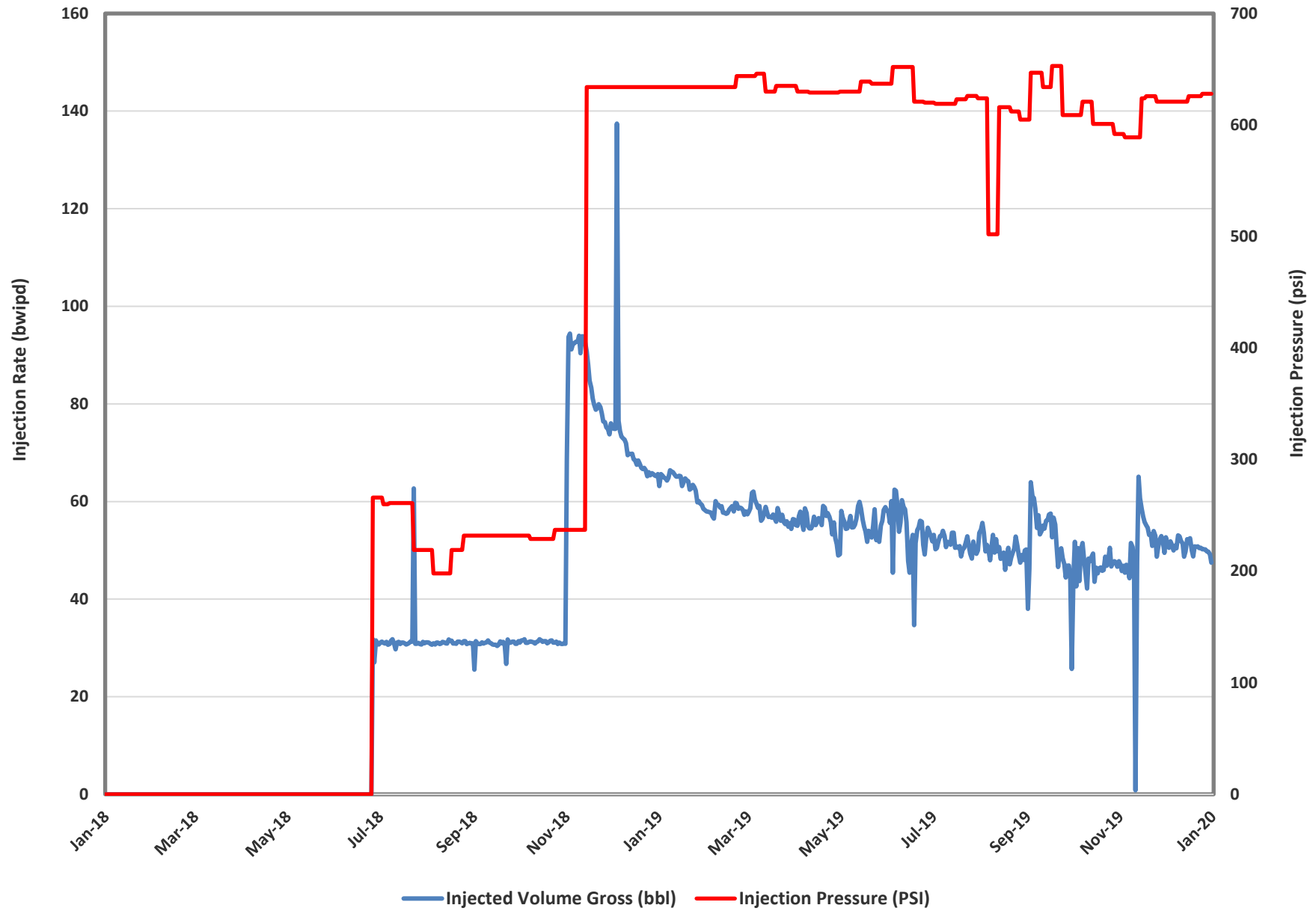
02/01-01-013-28W1 Rate vs Pressure



00/08-01-013-28W1 Rate vs Pressure



03/09-01-013-28W1 Rate vs Pressure



02/01-02-013-28W1 Rate vs Pressure

