



**WELLWORX**

# **THE MAX**

**By The Numbers**



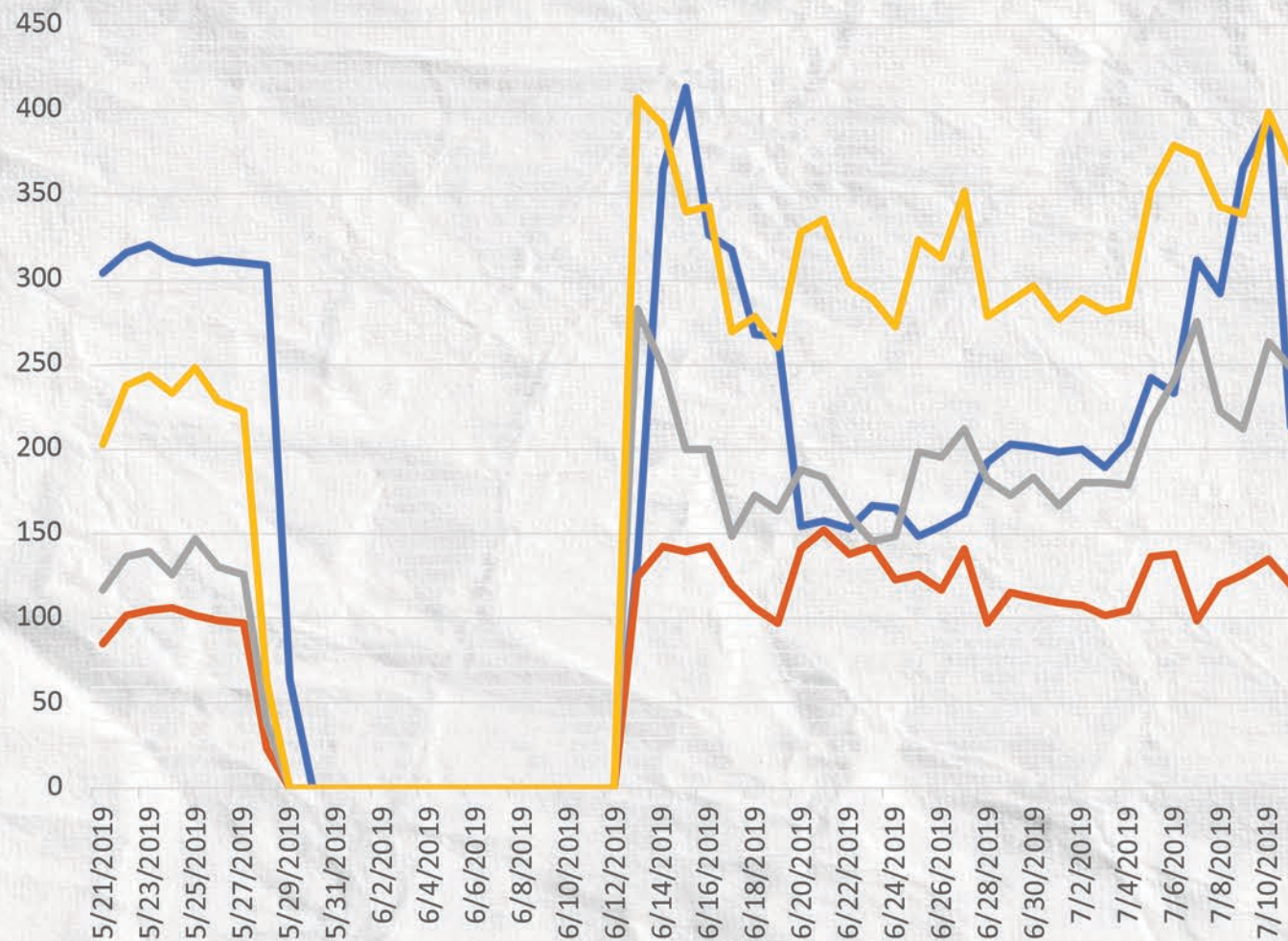
EXIT



# ESP to Rod Pump Conversion

SUPER MAX INSTALLED 06.12.19

Gross Gas Gross Oil Water Total Fluids



Horizontal Well

Permian Basin

Total Fluid

Production Averages:

Pre-Max: 209 Bbls./Day

Post-Max: 354 Bbls./Day

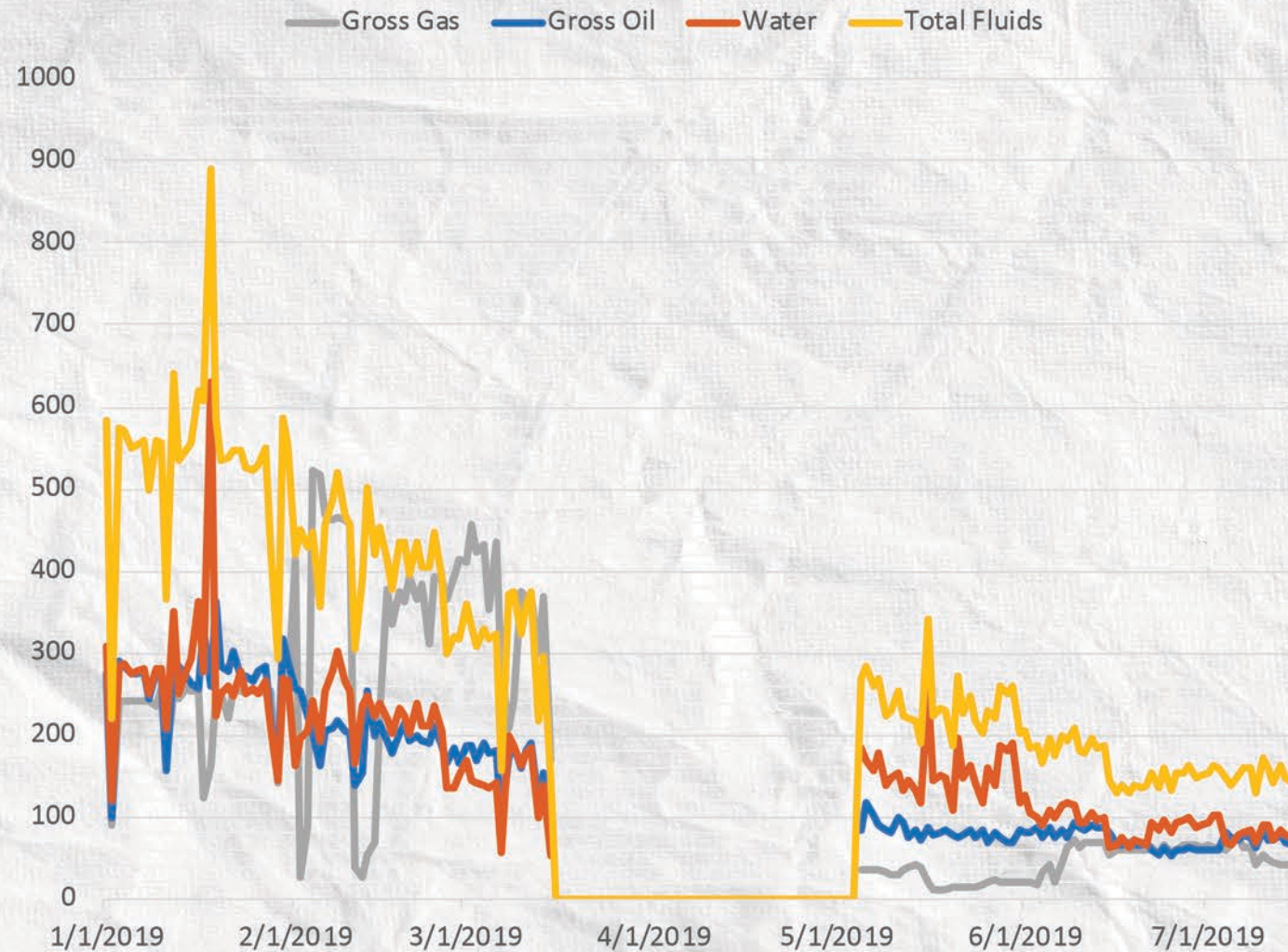
# ESP to Rod Pump Conversion

- Horizontal Well
- Permian Basin
- Total Fluid Production Averages:

Pre-Max: 294 Bbls./Day

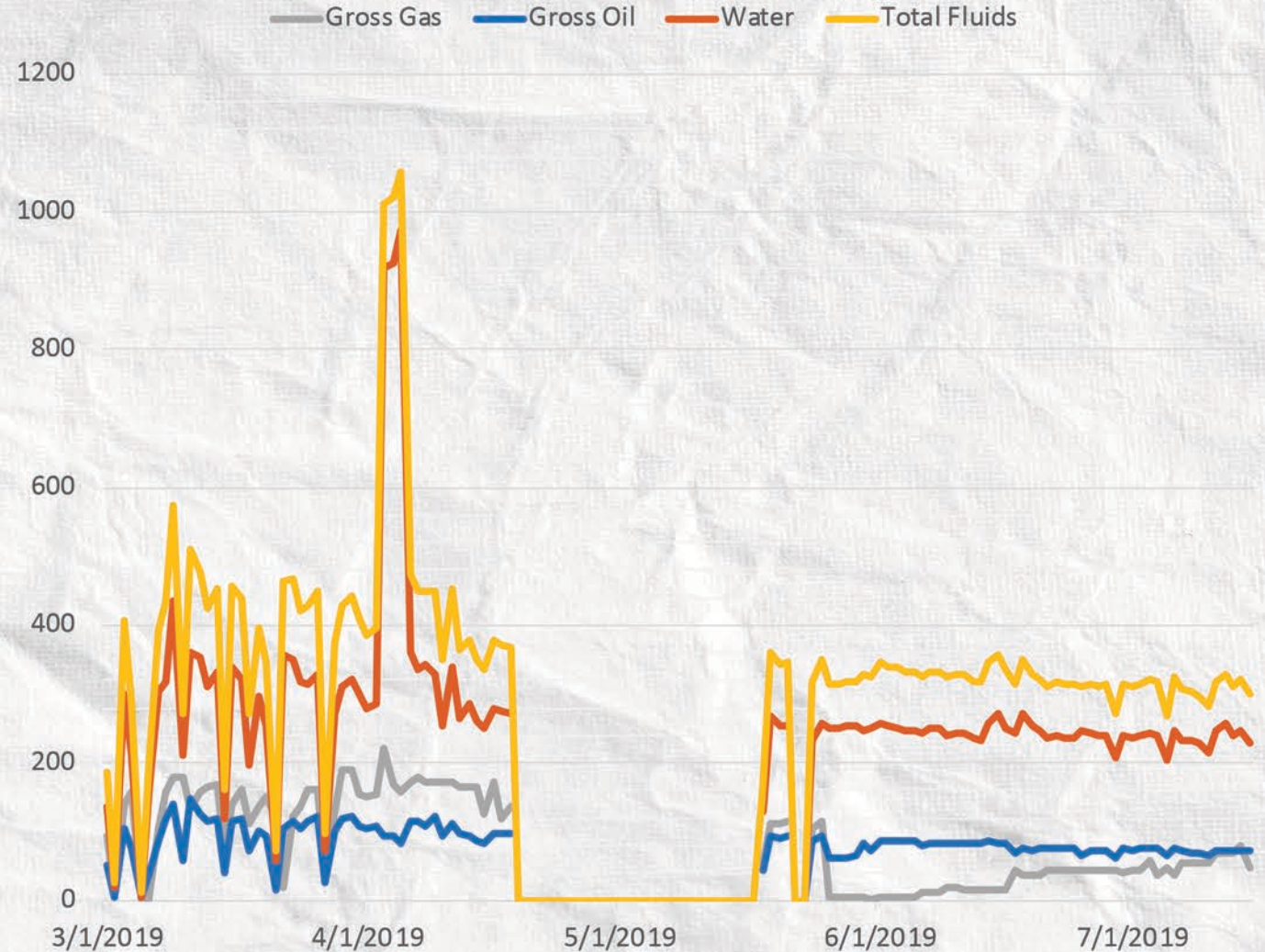
Post-Max: 244 Bbls./Day

SUPER MAX INSTALLED 05.05.19



# ESP to Rod Pump Conversion

SUPER MAX INSTALLED 05.17.19



- Horizontal Well
- Permian Basin
- Total Fluid Production Averages:

Pre-Max: 380 Bbls./Day

Post-Max: 331 Bbls./Day

# ESP to Rod Pump Conversion

Horizontal Well

Permian Basin

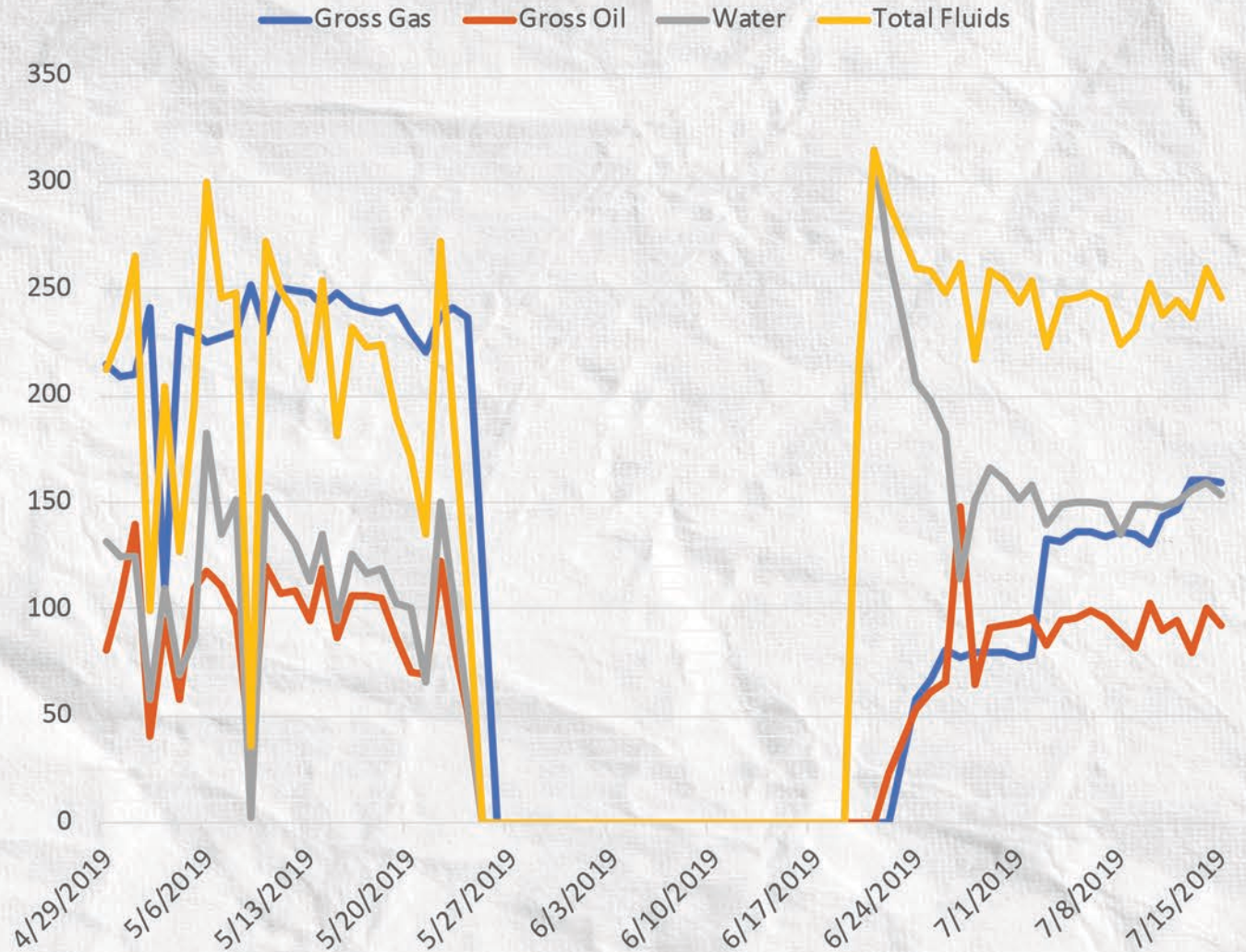
Total Fluid

Production Averages:

Pre-Max: 192 Bbls./Day

Post-Max: 242 Bbls./Day

SUPER MAX INSTALLED 06.20.19

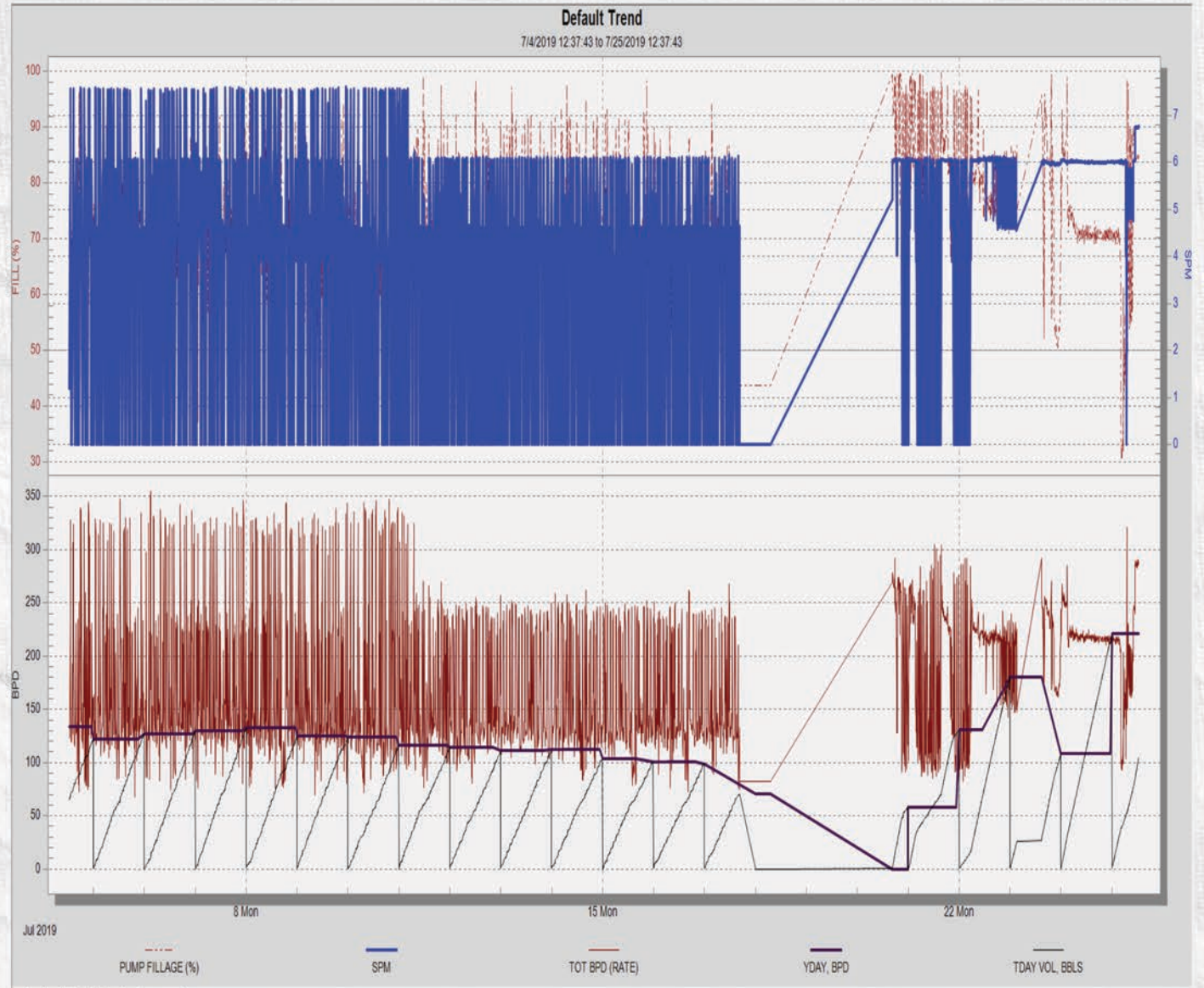


# Efficiency Rod Pump Pull

- Predator BHA pulled
- Horizontal Well
- Super Max Ran
- Total Fluid Production Averages:

Pre-Max: 142 Bbls./Day

Post-Max: 230 Bbls./Day



# Rod Pump Workover

11/17/18	Failure Date
04/23/19	Rigged Up on Well
04/26/19	Rigged Down on Well
04/30/19	Back on Production
05/05/19	Gas Free Liquid above Pump - 5,456'
05/27/19	Gas Free Liquid above Pump - 2,896'
06/20/19	On POC at 100%
06/22/19	100% DHS CAP 179 BPD/100% RL CAP 269 BFD
06/20/19	Requested a new Fluid Shot and Test
06/27/19	Gas Free Liquid above Pump - 1,691"
07/04/19	At 6.7 SPM - 9 BO-150 BW-26 MCF-97% RT

GB 105 % - 7/8" WFT KD63 106 % - Pump 76 %
Added 4,246' 1.23" TRC R.C. FG - Added 1" St.
Reduce 7/8"-Eliminate 3/4"-Increase Sbars
Incr. 6.3 to 8.5 SPM - IPR 178 BFPD
Rodstar - 152 BFPD at 85% - GB 96%
Installed MAX Separator

04-27 / 05-27 (30 days)							% of RS	05-27/06-26 (60 Days)							% of RS	06-26/07-26 (90 Days)							% of RS
Original	BOPD	BWPD	MCFPD	BFPD	152	Production % Increase		Original	BOPD	BWPD	MCFPD	BFPD	152	Production % Increase		Original	BOPD	BWPD	MCFPD	BFPD	152	Production % Increase	
75.00	1	119	7	120	92%	38%	06/01/19	75.00	3	118	9	121	93%	38%	07/04/19	75.00	9	150	26	159	122%	53%	
75.00	1	133	5	134	103%	44%	06/02/19	75.00	5	154	11	159	122%	53%	07/05/19	75.00	13	150	27	163	125%	54%	
75.00	4	126	10	130	100%	42%	06/03/19	75.00	6	123	13	129	99%	42%	07/06/19	75.00	10	116	25	126	97%	40%	
75.00	2	126	7	128	98%	41%	06/04/19	75.00	4	151	12	155	119%	52%	Average	75.00	11	139	26	149	115%	50%	
Average								75.00	5	137	11	141	108%	47%									



# Rod Pump Workover

04/01/19	Failure Date
04/19/19	Rigged Up on Well
04/26/19	Rigged Down on Well
04/30/19	Back on Production
05/05/19	GF Liquid above Pump - 6,108'
05/27/19	GF Liquid above Pump - 1,925'
06/22/19	100% DHS CAP 269 BPD/100% RL CAP 269 BFD
06/24/19	8 Cycles - 75 Min. DT - PF Set 66.0% - PF 94.3%
06/25/19	GF Liquid above Pump - 2,139' (18 HPD)
	Will increase Run Time to 24 HPD
	Reduced DT from 75 minutes to 45 minutes
	Reduced Pump Fillage from 66% to 50%

Red. 1.75" to 1.5"-RT 13.9 to 24 hpd (not done)
Red. Sbars 550' to 300'-STK 125.5" to 145.2"
Red. 1" WFT KD63 - Incr. 7/8" WFT KD63
Rodstar - 228 BFPD at 85% - GB 98%
Installed MAX Separator

04-27 / 05-27 (30 days)						05-27/06-26 (60 Days)						06-26/07-26 (90 Days)								
	Original	BOPD	BWPD	MCFPD	BFPD	Production % Increase		Original	BOPD	BWPD	MCFPD	BFPD	Production % Increase		Original	BOPD	BWPD	MCFPD	BFPD	Production % Increase
05/02/19	136.00	127	49	45	176	23%	05/29/19	136.00	111	62	44	173	21%	07/16/19	136.00	73	57	68	130	-5%
05/03/19	136.00	123	64	43	187	27%	05/30/19	136.00	84	62	53	146	7%	07/17/19	136.00	92	62	59	154	12%
05/04/19	136.00	114	64	41	178	24%	06/01/19	136.00	91	64	40	155	12%	07/18/19	136.00	88	66	64	154	12%
05/05/19	136.00	103	62	41	165	18%	06/02/19	136.00	104	66	44	170	20%	Average	136.00	84	62	64	146	7%
05/27/19	136.00	108	66	41	174	22%	06/03/19	136.00	114	58	55	172	21%							
Average	136.00	115	61	42	176	23%	06/04/19	136.00	97	58	57	155	12%							
							06/18/19	136.00	104	52	44	156	13%							
							06/19/19	136.00	99	78	67	177	23%							
							Average	136.00	101	63	51	163	17%							

# ESP to Rod Pump Conversion

04/29/19	ESP Failure date - Conversion to Rod Lift
	Rigged Up on Well
	Rigged Down on Well
05/29/19	Back on Production
05/17/19	Gas Free Liquid above Pump - 4,713' (Static)
06/13/19	Gas Free Liquid above Pump - 2,460'
06/22/19	100% DHS CAP 269 BPD/100% RL CAP 378 BFD
06/25/19	Gas Free Liquid above Pump - 2,169'

5,239' 1.23" SR FG - 1,700' 1" WFT KD63 -

1,525' 3/4" WFT KD63 - 400' 1.5" Sinkerbars

1.5" Rod Pump - 8.6 SPM - 120" Stroke

IPR 335 BFPD - Designed for 321 BFPD

Installed MAX Separator - Helix Desander

Original Prod. 05-29 / 06-28 (30 days)						Original Production 06-28/07-28 (60 Days)							
	BOPD	BWPD	MCFPD	BFPD	Production % Increase		BOPD	BWPD	MCFPD	BFPD	Production % Increase		
06/02/19	258	11	168	6	179	-44%	06/30/19	258.00	109	202	20	311	17%
06/03/19	258	39	175	8	214	-21%	07/01/19	258.00	105	199	21	304	15%
06/04/19	258	15	211	48	226	-14%	07/02/19	258.00	99	205	33	304	15%
06/05/19	258	21	245	11	266	3%	07/03/19	258.00	104	189	31	293	12%
06/06/19	258	119	213	25	332	22%	07/04/19	258.00	101	195	26	296	13%
06/07/19	258	122	215	35	337	23%	07/05/19	258.00	111	201	28	312	17%
06/08/19	258	118	227	55	345	25%	07/06/19	258.00	106	199	61	305	15%
06/09/19	258	119	233	43	352	27%	07/07/19	258.00	108	201	80	309	17%
06/10/19	258	122	253	53	375	31%	07/08/19	258.00	104	205	67	309	17%
06/11/19	258	114	190	31	304	15%	07/09/19	258.00	101	209	66	310	17%
06/12/19	258	120	195	30	315	18%	07/10/19	258.00	98	201	68	299	14%
06/13/19	258	101	201	38	302	15%	07/11/19	258.00	106	211	51	317	19%
06/14/19	258	111	201	29	312	17%	07/13/19	258.00	103	204	44	307	16%
06/15/19	258	97	218	30	315	18%	07/14/19	258.00	108	199	62	307	16%
06/16/19	258	110	205	27	315	18%	07/15/19	258.00	107	211	65	318	19%
06/20/19	258	91	168	47	259	0%	07/16/19	258.00	110	206	70	316	18%
06/21/19	258	105	203	43	308	16%	07/17/19	258.00	108	197	71	305	15%
06/22/19	258	104	202	25	306	16%	07/18/19	258.00	110	200	69	310	17%
06/23/19	258	84	216	30	300	14%	07/19/19	258.00	100	197	64	297	13%
06/24/19	258	101	189	20	290	11%	07/20/19	258.00	96	208	59	304	15%
06/25/19	258	106	205	16	311	17%	07/21/19	258.00	88	204	55	292	12%
06/26/19	258	108	199	19	307	16%	07/22/19	258.00	96	207	53	303	15%
06/27/19	258	111	201	18	312	17%	07/23/19	258.00	91	211	28	302	15%
06/28/19	258	106	191	20	297	13%	07/24/19	258.00	110	171	61	281	8%
Average		94	205	29	299	14%	07/25/19	258.00	108	176	60	284	9%
							07/26/19	258.00	111	189	48	300	14%
N.A.							07/27/19	258.00	110	191	50	301	14%
93%							07/28/19	258.00	113	194	61	307	16%
95%							Average:	258.00	104	199	53	304	15%

Original Prod. 07-28/08-27 (90 Days)					
	BOPD	BWPD	MCFPD	BFPD	Production % Increase
07/29/19	109	191	48	300	14%
	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	0	0	0	0	
	0	0	0	0	

# Rod Pump Workover

<b>06/22/19</b>	<b>100% DHS CAP 269 BPD/100% RL CAP 542 BFD</b>
05/11/19	Rod Failure
05/23/19	Rigged Up on Well
05/30/19	Rigged Down on Well
05/30/19	Back on Production
06/20/19	Pumping Unit is being repaired
06/22/19	100% DHS CAP 269 BPD/100% RL CAP 542 BFD
06/26/19	Gas Free Liquid above Pump - 798'

**4,546' 1.24" FF FG - 1,750' 1" N977 -  
 1,300' 7/8" N97 - 450' 1.5" Sinkerbars  
 1.75" Rod Pump - 8.4 SPM - 169.7" Stroke  
 IPR 570 BFPD - Designed for 459 BFPD  
 Installed MAX Separator - Helix Desander**

	05-30 / 06-29 (30 days)					Production % Increase	06-29/07-29 (60 Days)				07-29/08-28 (90 Days)			
	Original	BOPD	BWPD	MCFPD	BFPD		BOPD	BWPD	MCFPD	BFPD	BOPD	BWPD	MCFPD	BFPD
05/31/19	217	69	267	34	336	35%	0	0	0	0	0	0	0	
06/01/19	217	155	252	61	407	47%	0	0	0	0	0	0	0	
06/02/19	217	159	276	69	435	50%	0	0	0	0	0	0	0	
06/03/19	217	175	259	63	393	45%	0	0	0	0	0	0	0	
06/05/19	217	159	257	61	412	47%	0	0	0	0	0	0	0	
06/06/19	217	168	264	66	413	47%	0	0	0	0	0	0	0	
06/08/19	217	119	189	47	413	47%								
06/22/19	217	81	167	33	406	47%								
Average	217	136	241	54	402	46%								

# ESP to Rod Pump Conversion

● Horizontal Well

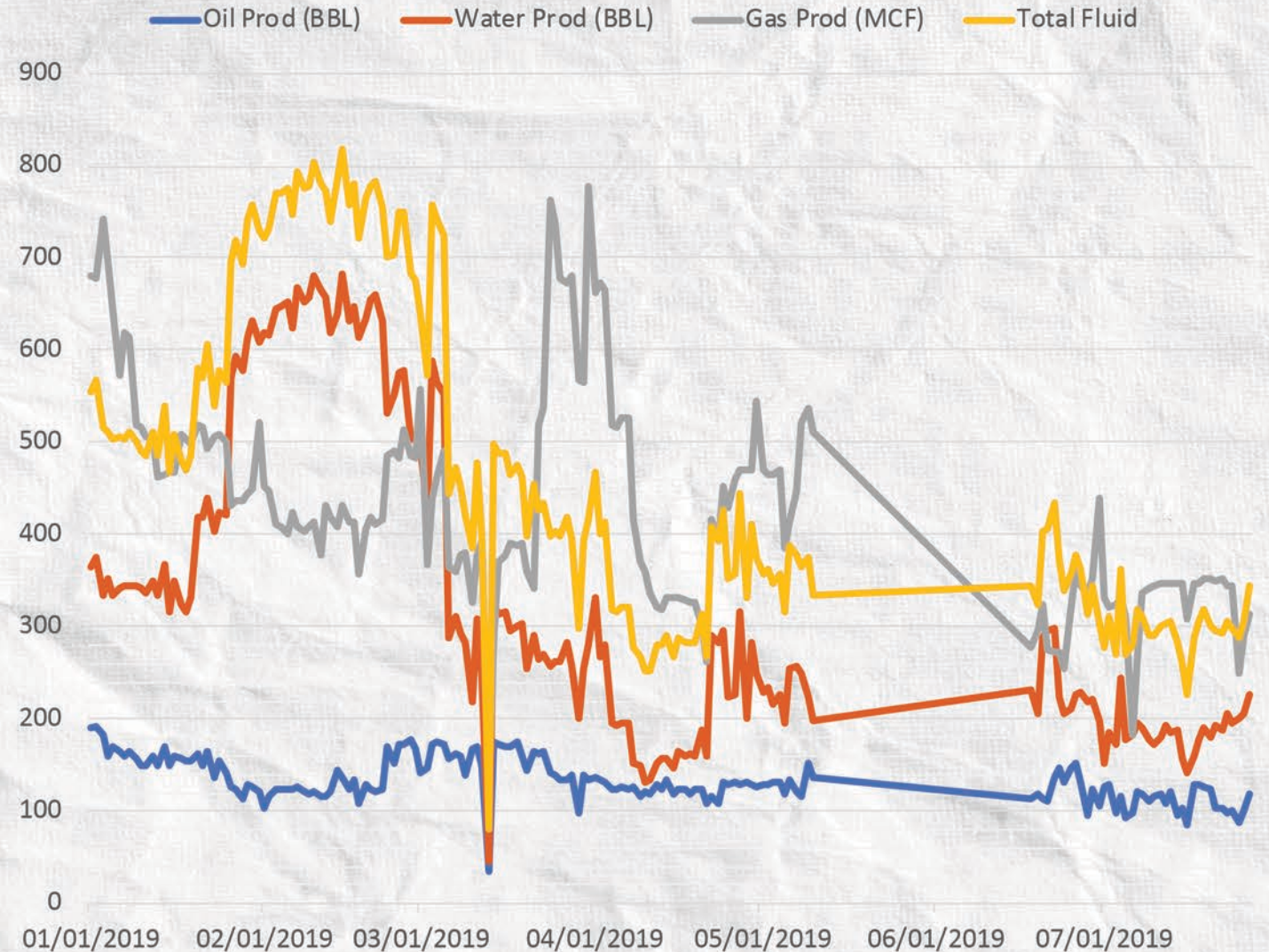
● Permian Basin

● Total Fluid  
Production Averages:

Pre-Max: 358 Bbls./Day

Post-Max: 372 Bbls./Day

## SUPER MAX INSTALLED 06.17.19



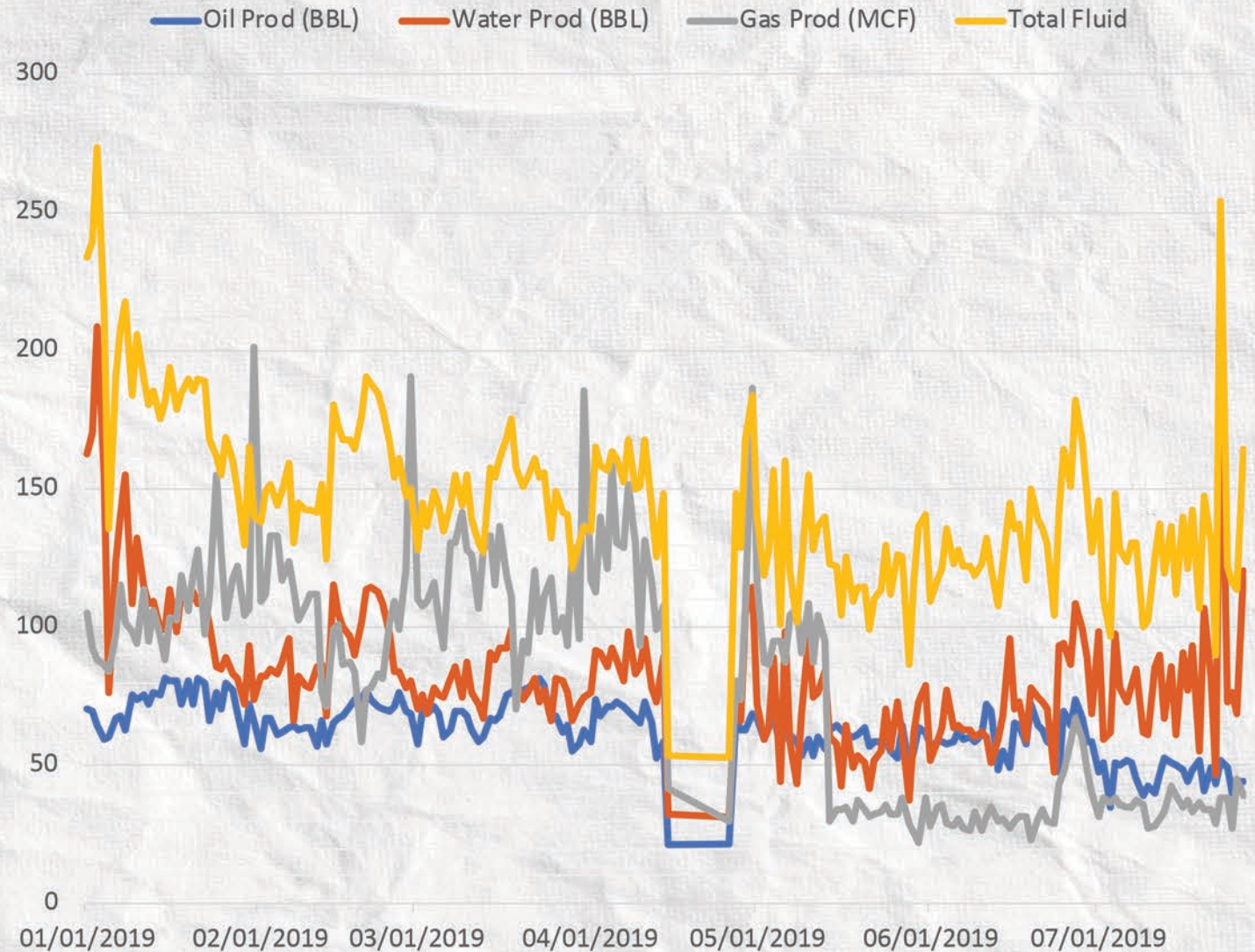
# ESP to Rod Pump Conversion

- Horizontal Well
- Permian Basin
- Total Fluid Production Averages:

Pre-Max: 142 Bbls./Day

Post-Max: 139 Bbls./Day

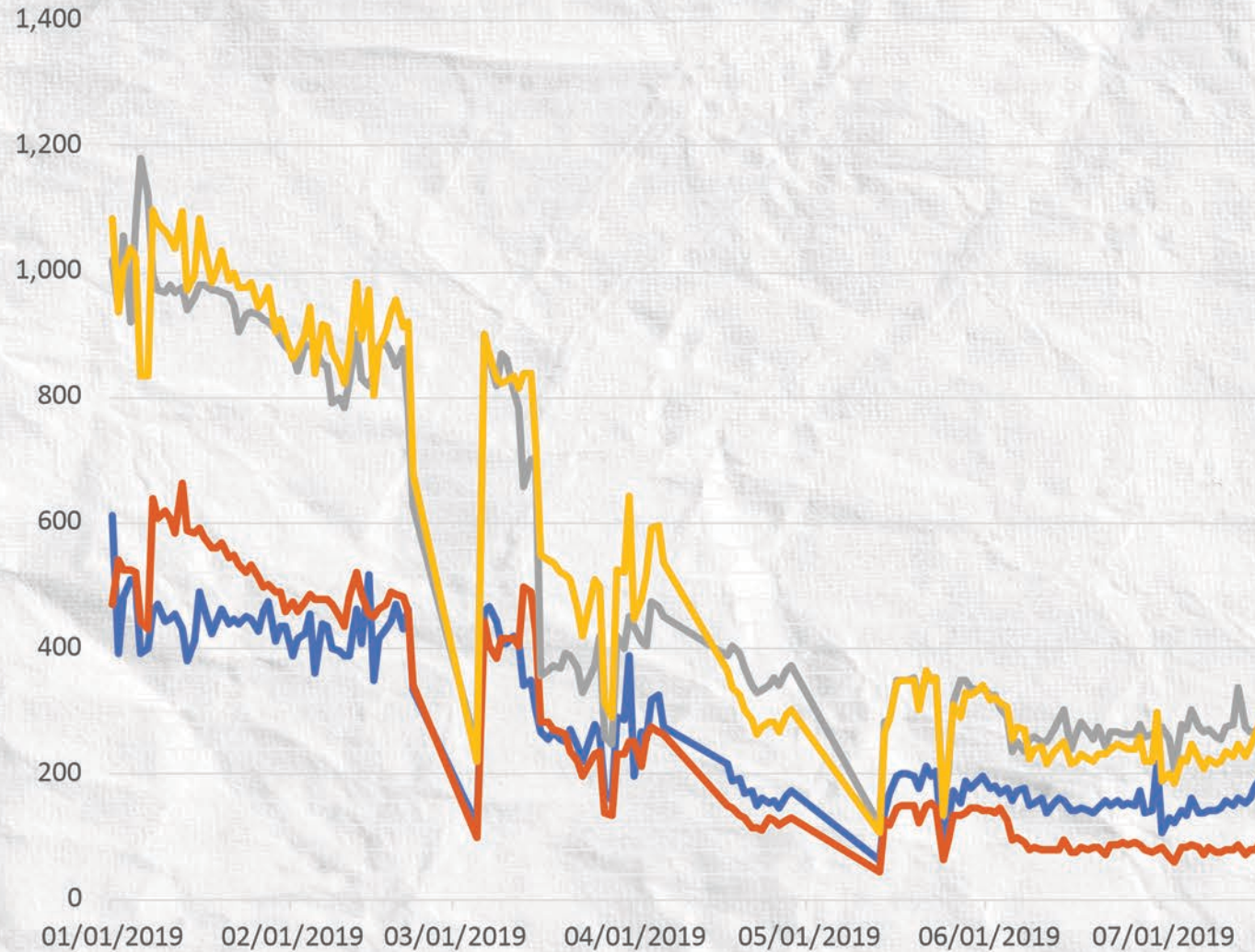
## SUPER MAX INSTALLED 04.25.19



# ESP to Rod Pump Conversion

SUPER MAX INSTALLED 05.12.19

Oil Prod (BBL) Water Prod (BBL) Gas Prod (MCF) Total Fluid

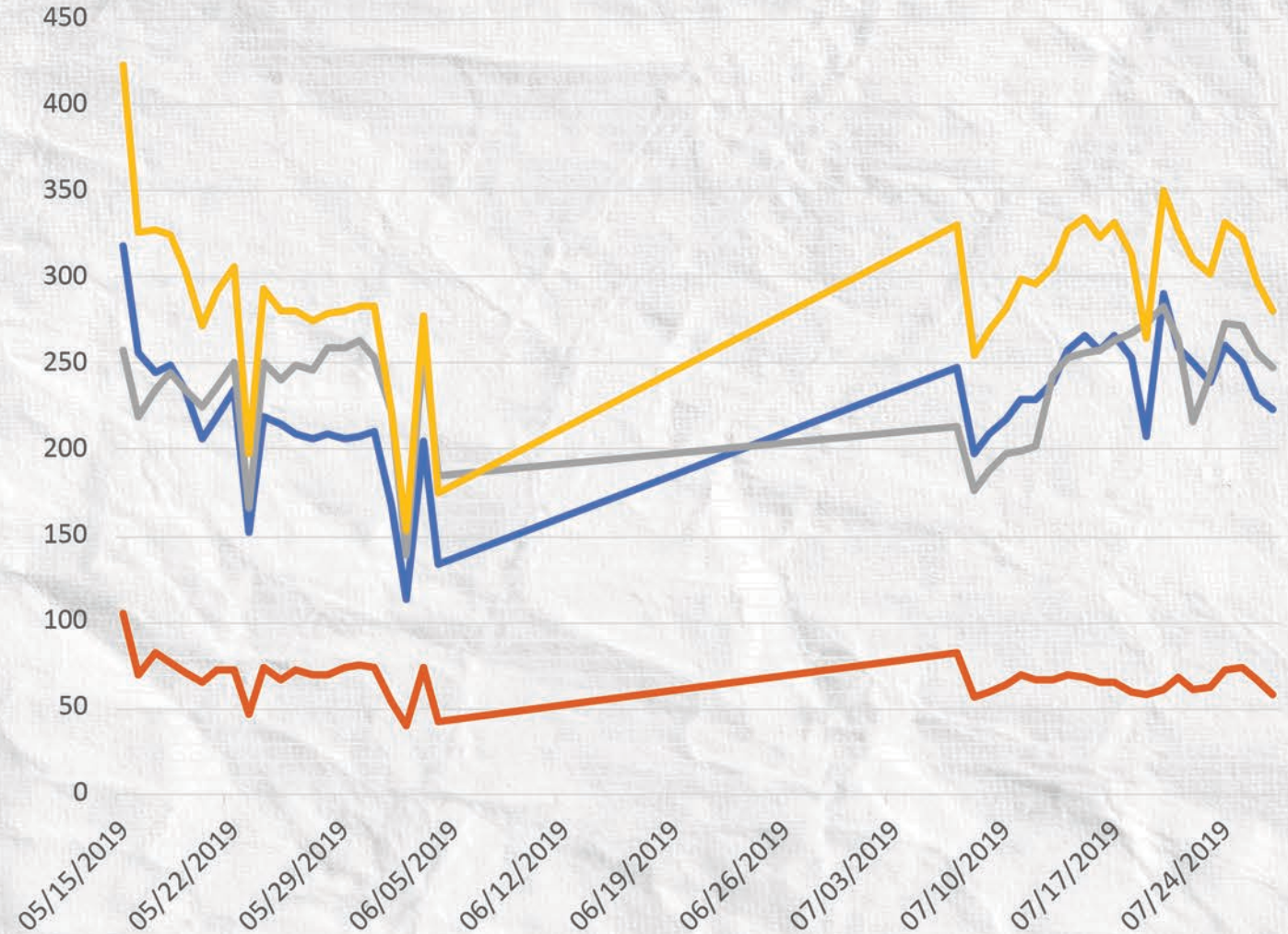


- Horizontal Well
  - Permian Basin
  - Total Fluid
- Production Averages:  
Pre-Max: 289 Bbls./Day  
Post-Max: 307 Bbls./Day

# ESP to Rod Pump Conversion

SUPER MAX INSTALLED 07.06.19

Oil Prod (BBL) Water Prod (BBL) Gas Prod (MCF) Total Fluid

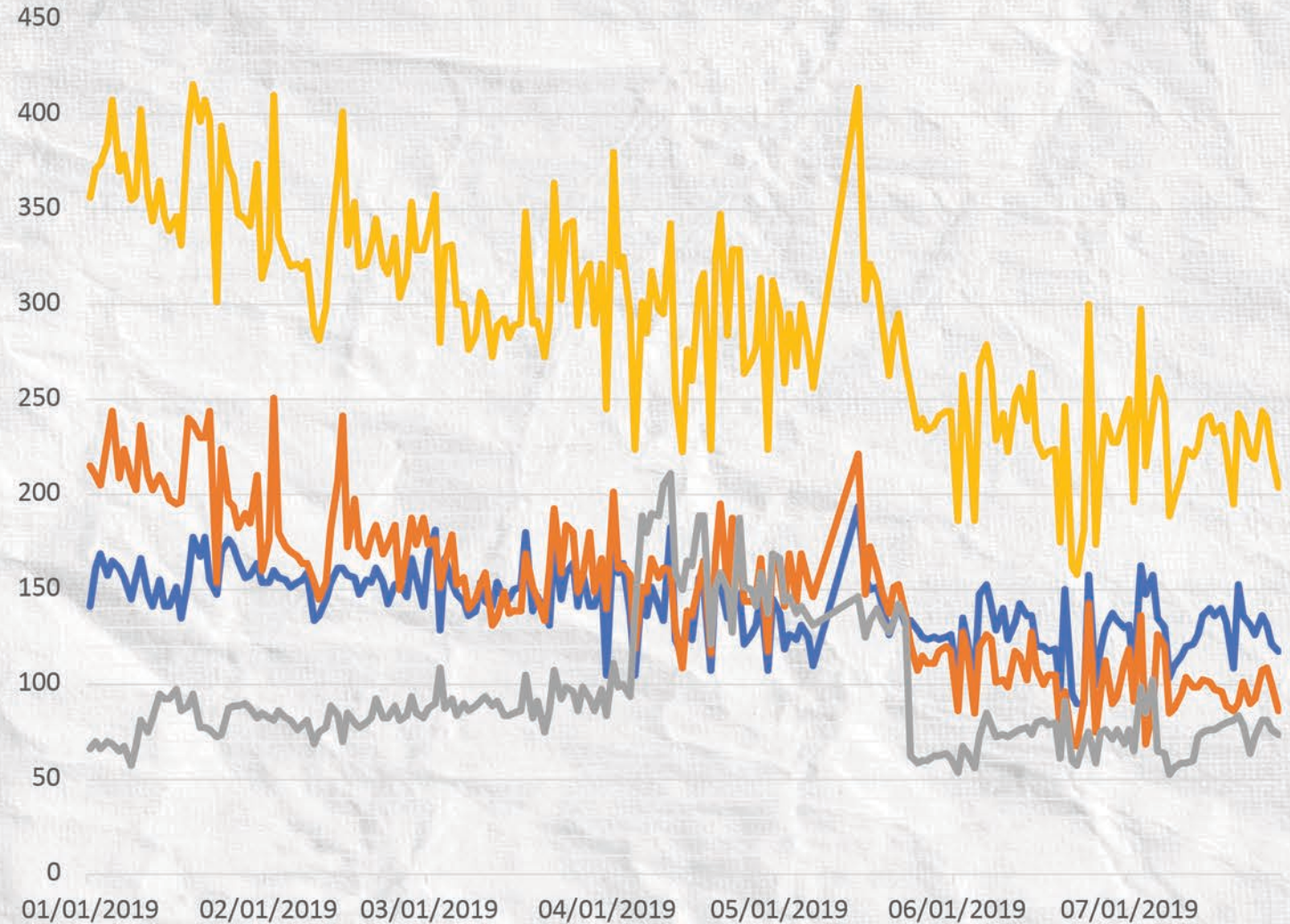


- Horizontal Well
  - Permian Basin
  - Total Fluid
- Production Averages:**  
Pre-Max: 251 Bbls./Day  
Post-Max: 310 Bbls./Day

# ESP to Rod Pump Conversion

SUPER MAX INSTALLED 05.14.19

Oil Prod (BBL) Water Prod (BBL) Gas Prod (MCF) Total Fluid



- Horizontal Well
  - Permian Basin
  - Total Fluid
- Production Averages:**  
Pre-Max: 280 Bbls./Day  
Post-Max: 301 Bbls./Day



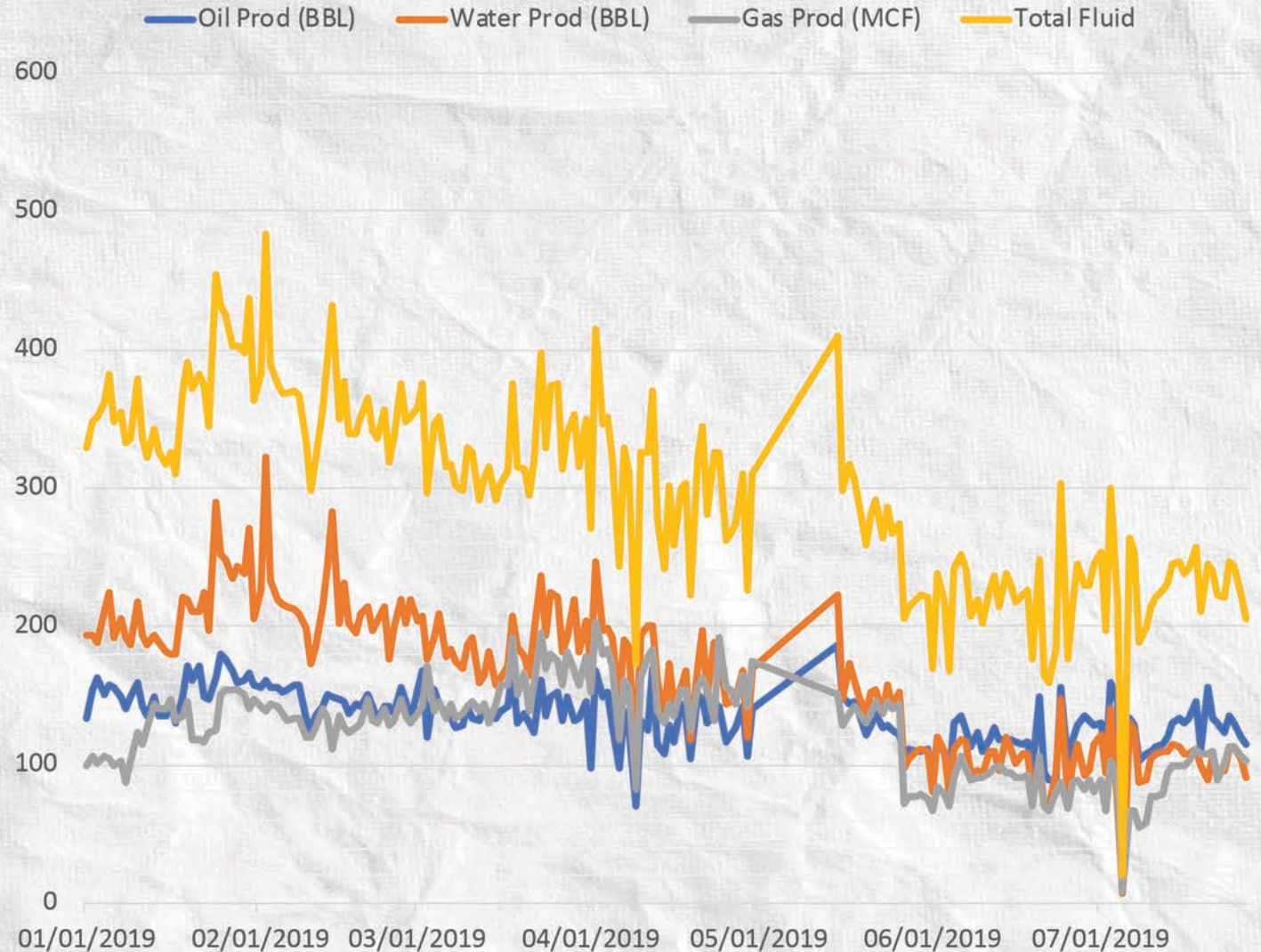
# ESP to Rod Pump Conversion

- Horizontal Well
- Permian Basin
- Total Fluid Production Averages:

Pre-Max: 293 Bbls./Day

Post-Max: 300 Bbls./Day

## SUPER MAX INSTALLED 05.14.19



# ESP to Rod Pump Conversion

● Horizontal Well

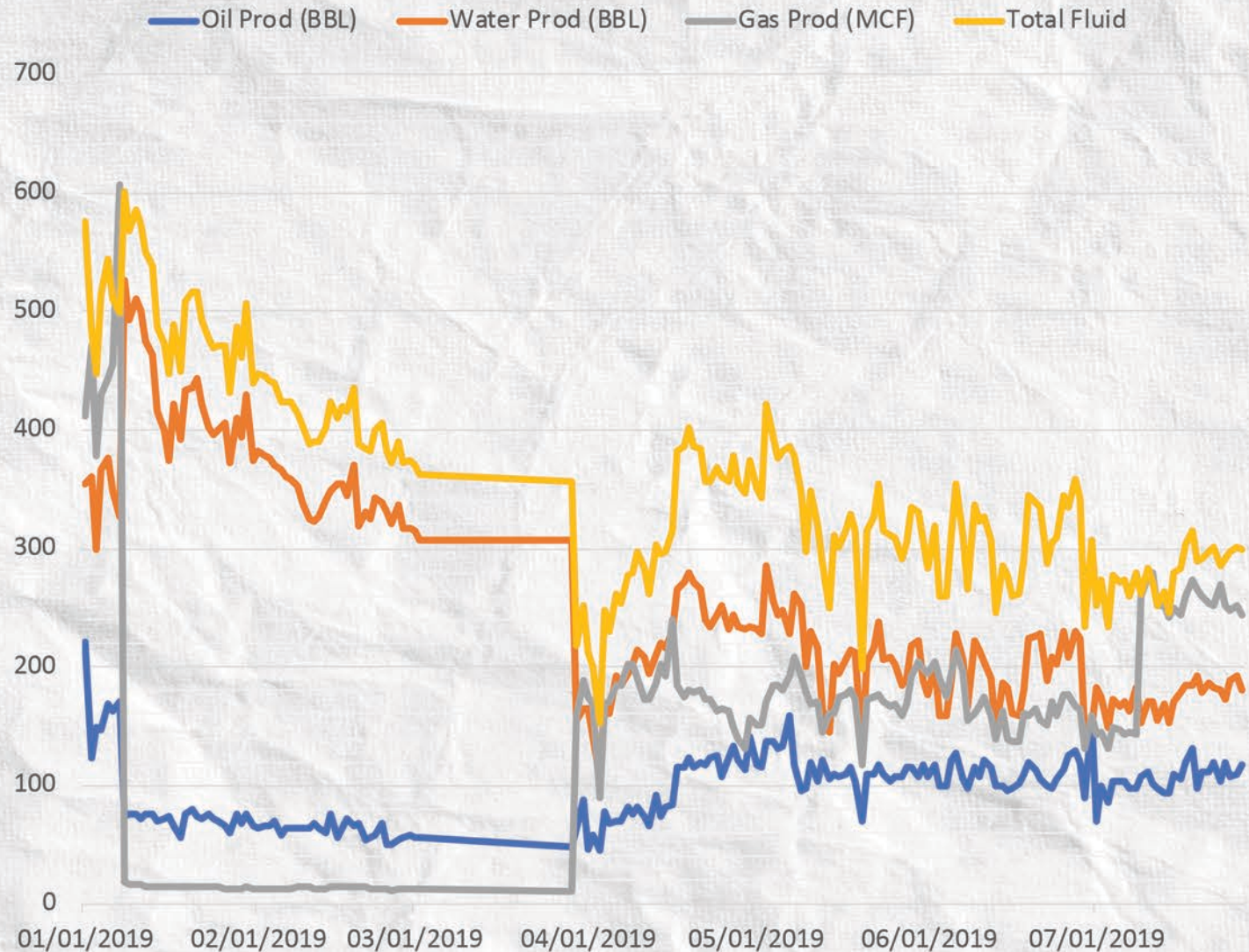
● Permian Basin

● Total Fluid  
Production Averages:

Pre-Max: 385 Bbls./Day

Post-Max: 277 Bbls./Day

**SUPER MAX INSTALLED 03.28.19**



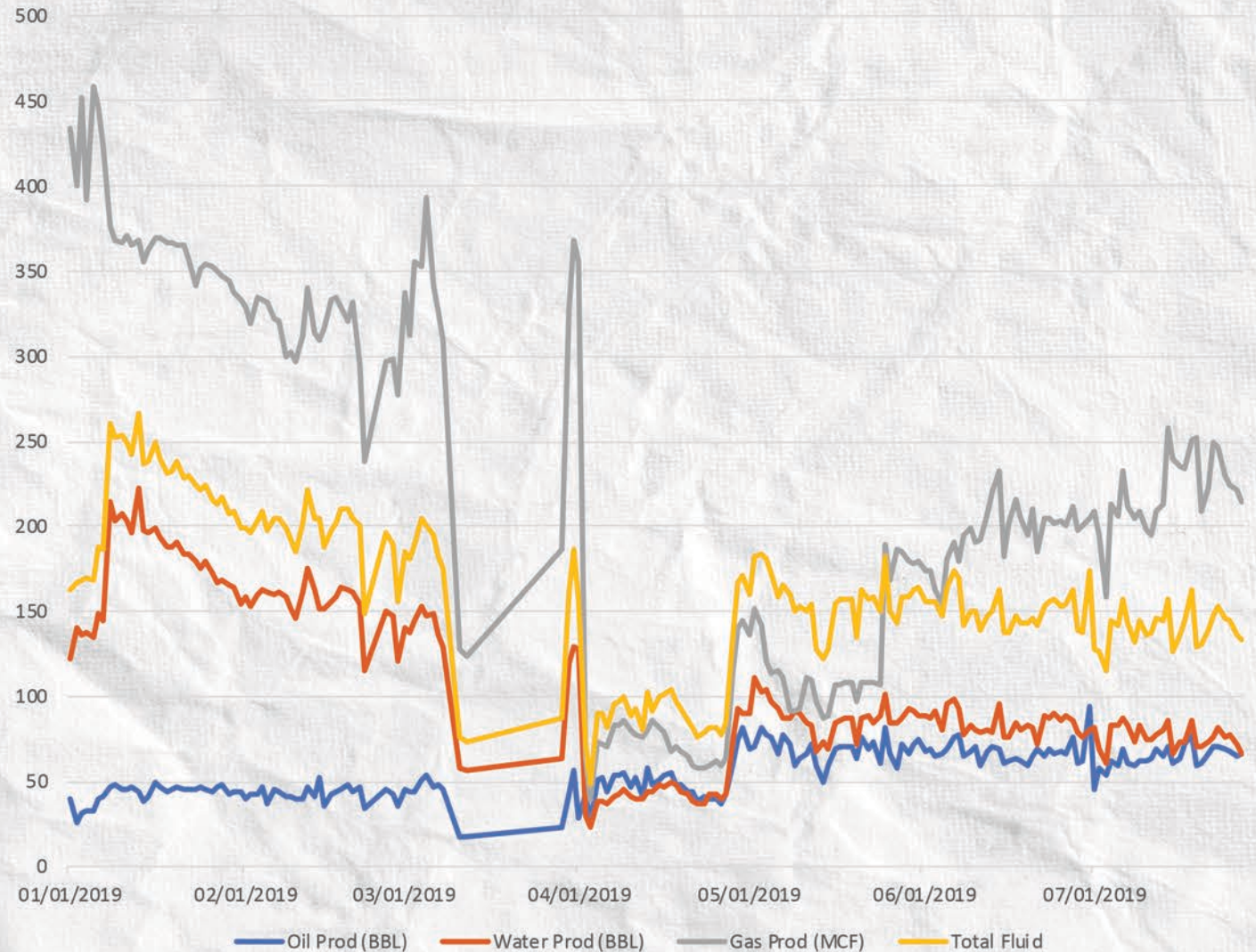
# ESP to Rod Pump Conversion

SUPER MAX INSTALLED 03.28.19

- Horizontal Well
- Permian Basin
- Total Fluid Production Averages:

Pre-Max: 166 Bbls./Day

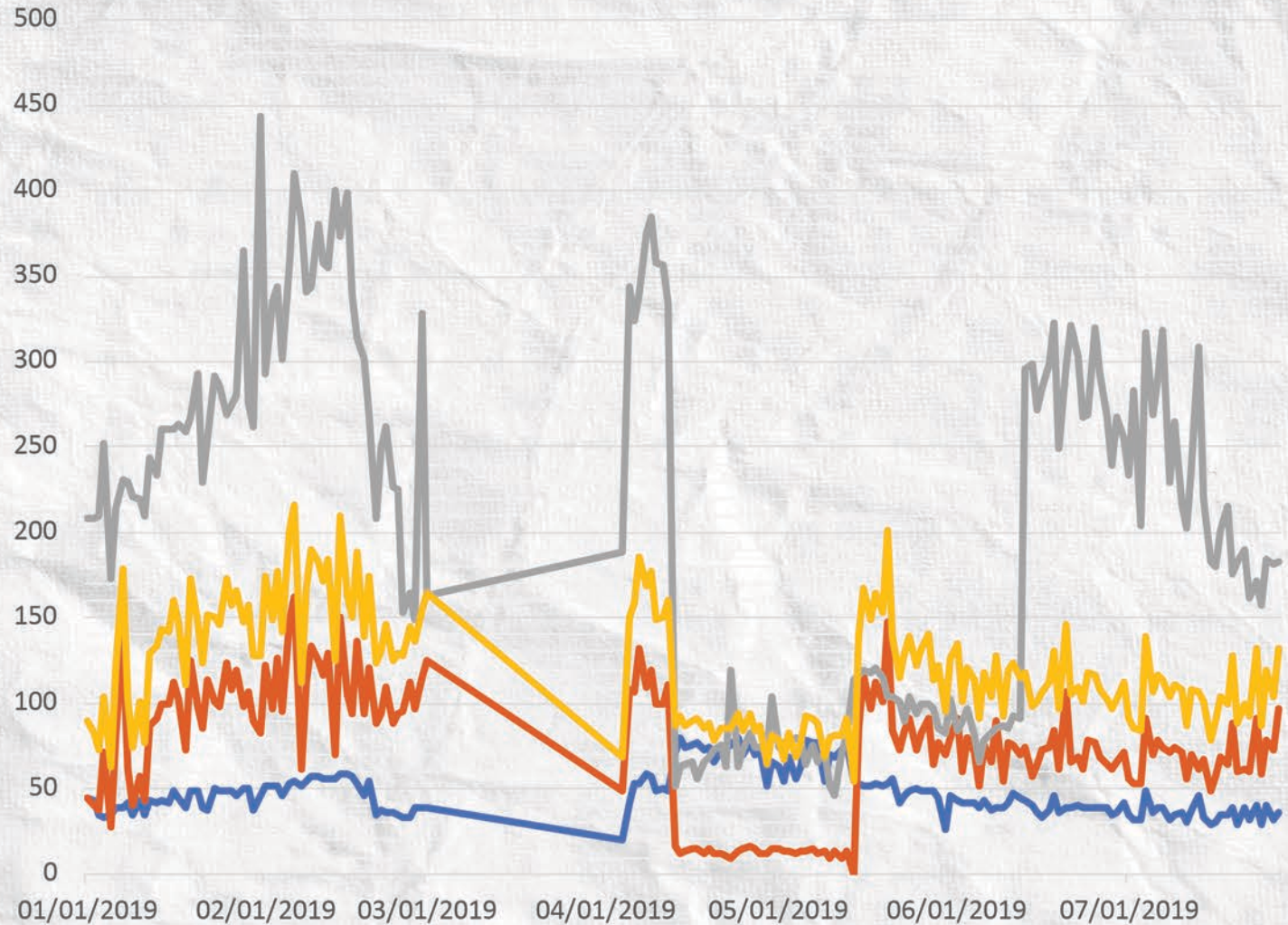
Post-Max: 142 Bbls./Day



# ESP to Rod Pump Conversion

SUPER MAX INSTALLED 04.03.19

Oil Prod (BBL) Water Prod (BBL) Gas Prod (MCF) Total Fluid

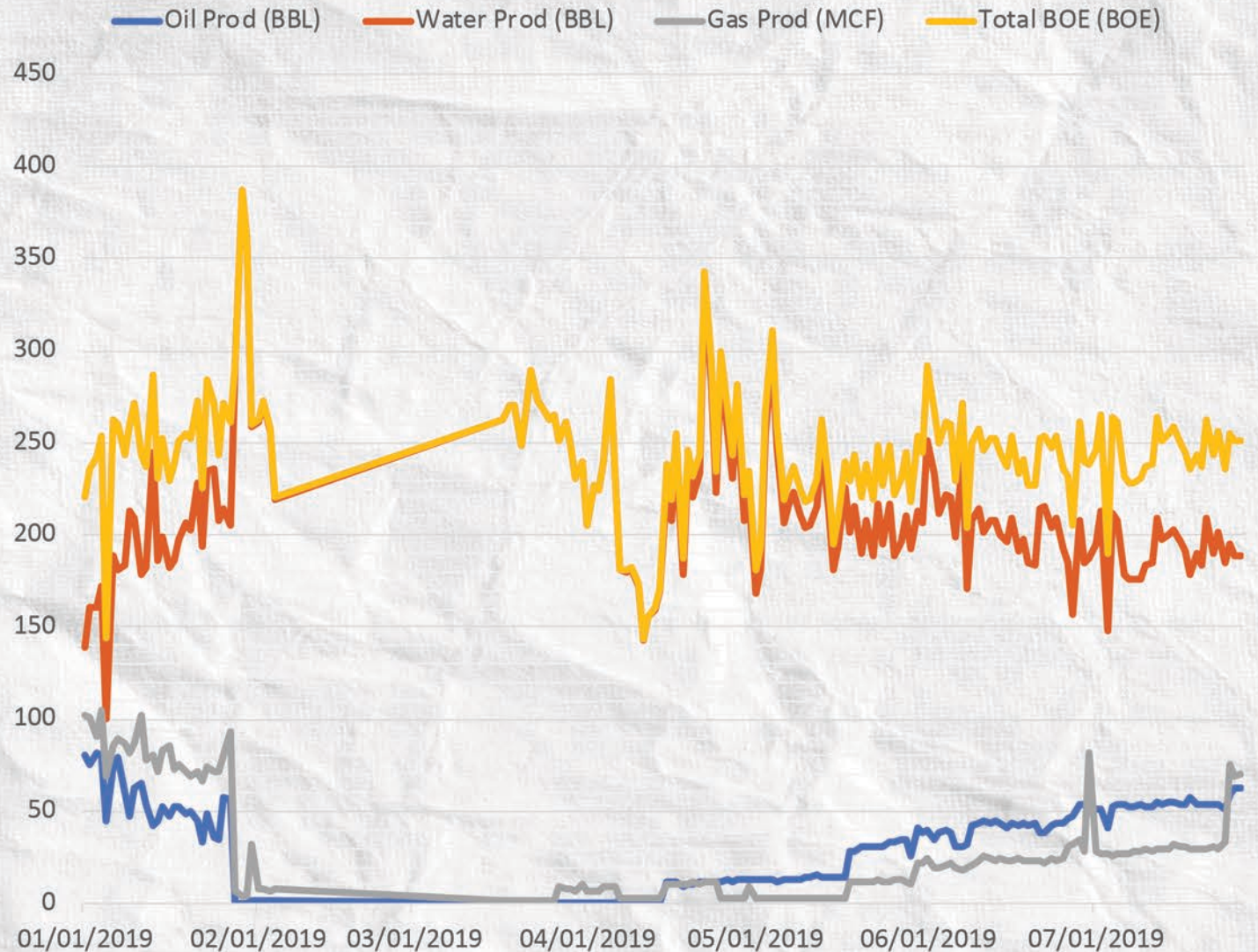


- Horizontal Well
  - Permian Basin
  - Total Fluid
- Production Averages:  
Pre-Max: 139 Bbls./Day  
Post-Max: 146 Bbls./Day

# ESP to Rod Pump Conversion

- Horizontal Well
- Permian Basin
- Total Fluid Production Averages:  
Pre-Max: 253 Bbls./Day  
Post-Max: 263 Bbls./Day

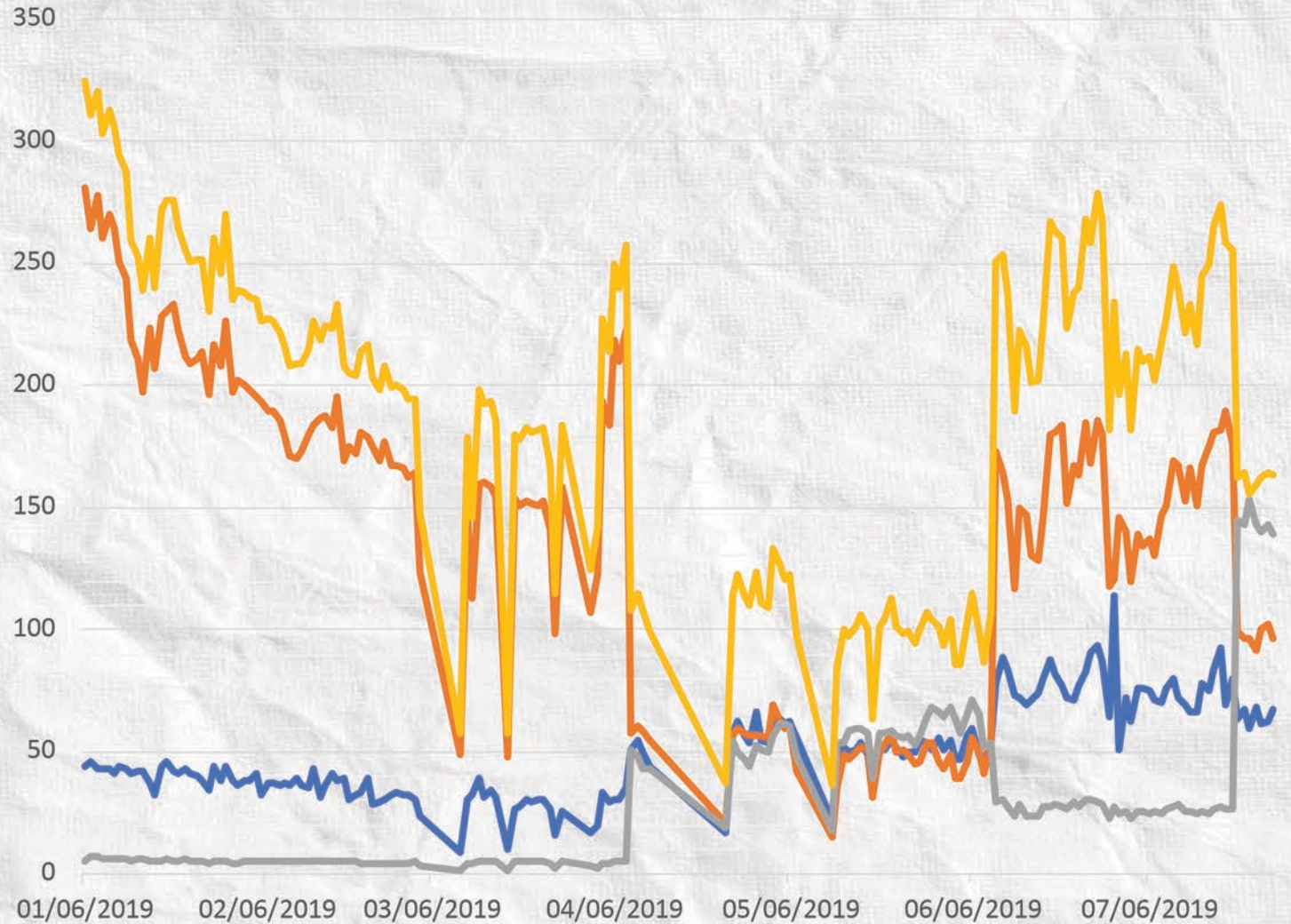
## SUPER MAX INSTALLED 03.16.19



# ESP to Rod Pump Conversion

**SUPER MAX INSTALLED 04.24.19**

Oil Prod (BBL) Water Prod (BBL) Gas Prod (MCF) Total BOE (BOE)



- Horizontal Well
- Permian Basin
- Total Fluid Production Averages:  
Pre-Max: 176 Bbls./Day  
Post-Max: 192 Bbls./Day

# ESP to Rod Pump Conversion

● Horizontal Well

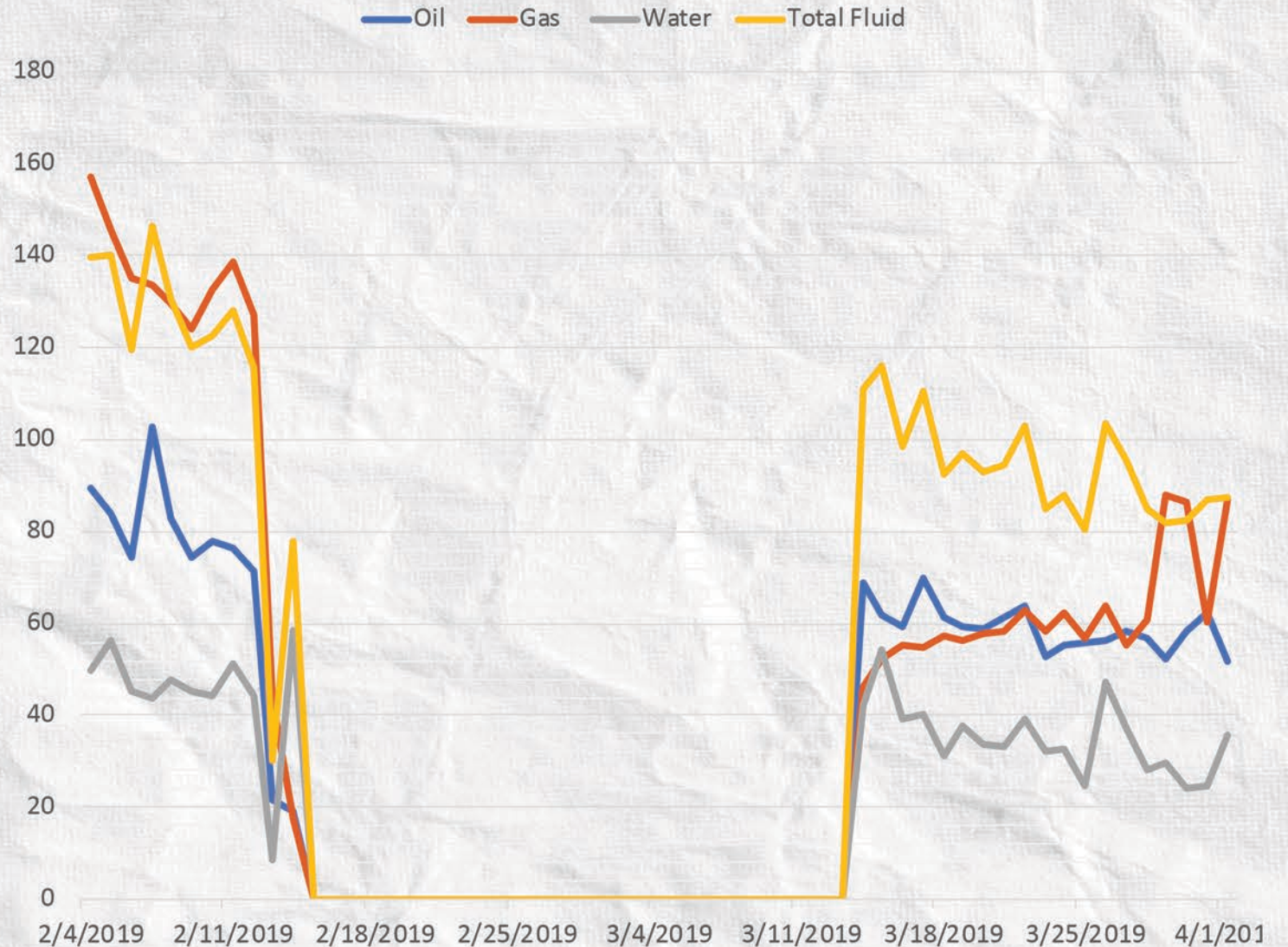
● Permian Basin

● Total Fluid  
Production Averages:

Pre-Max: 113 Bbls./Day

Post-Max: 88 Bbls./Day

## SUPER MAX INSTALLED 03.14.19



# ESP to Rod Pump Conversion

● Horizontal Well

● Permian Basin

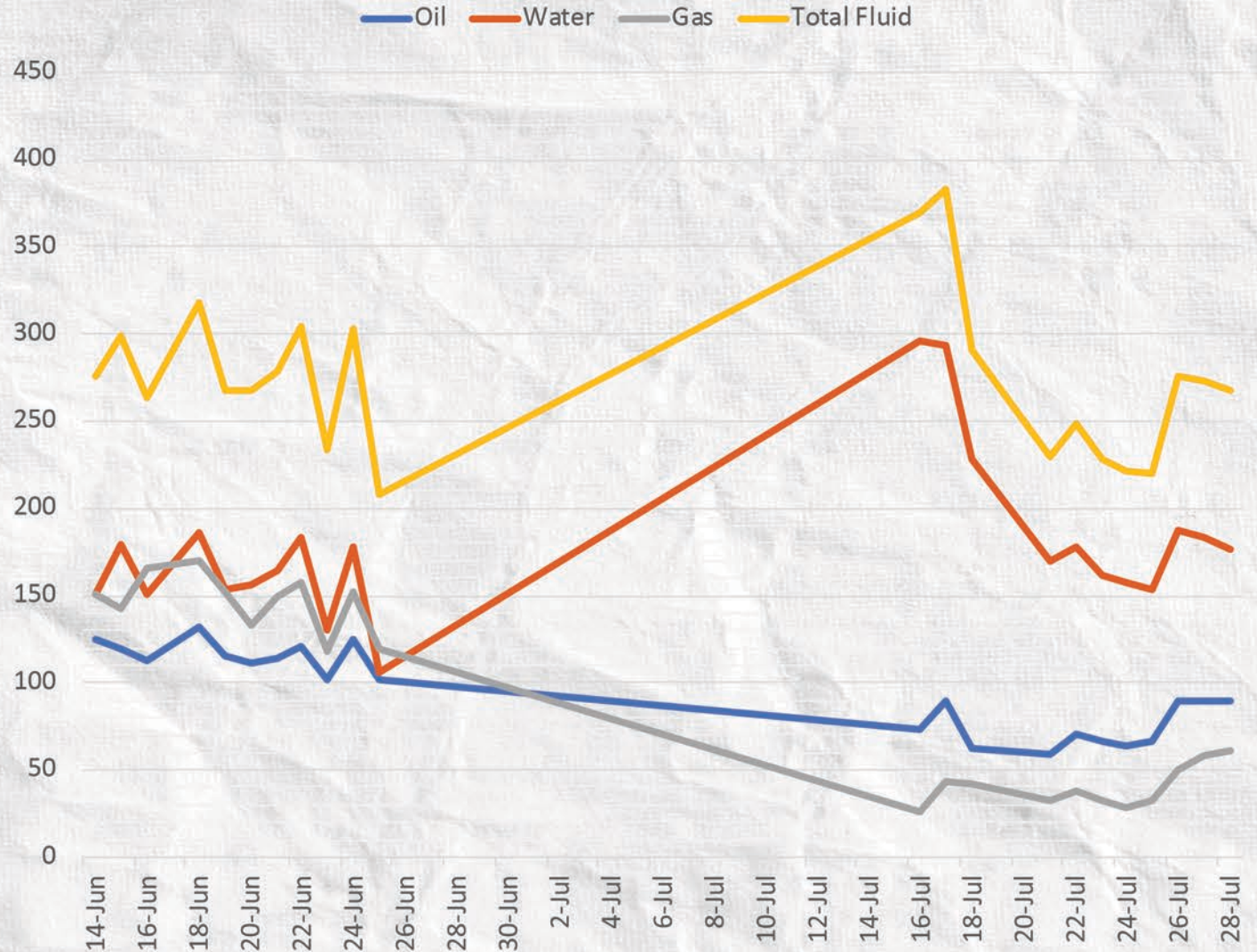
● Total Fluid

**Production Averages:**

**Pre-Max: 274 Bbls./Day**

**Post-Max: 273 Bbls./Day**

**SUPER MAX INSTALLED 07.16.19**





# ESP to Rod Pump Conversion

● Horizontal Well

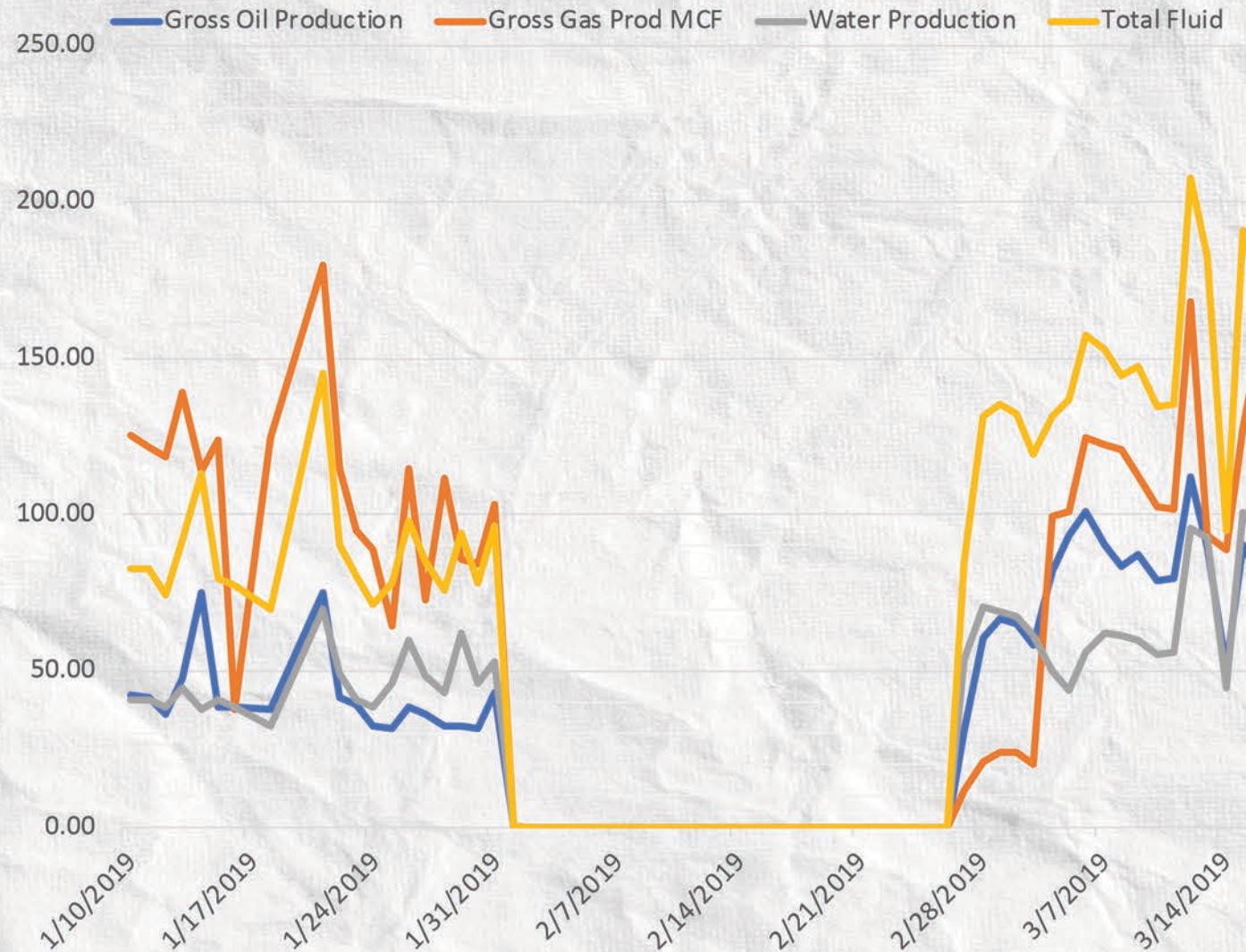
● Permian Basin

● Total Fluid  
Production Averages:

Pre-Max: 84 Bbls./Day

Post-Max: 160 Bbls./Day

## SUPER MAX INSTALLED 02.27.19



# QUESTIONS?



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