

Understanding North Dakota's Well Count Numbers*

**Non-Confidential Wells Only*



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Director

North Dakota Pipeline Authority



November 23, 2015

Well Count

All Formations

Min. 1 BOPD Produced

County	June 2015	July 2015	August 2015	September 2015
BILLINGS	474	479	472	465
BOTTINEAU	495	488	497	484
BOWMAN	374	376	375	368
BURKE	458	471	467	455
DIVIDE	692	688	685	686
DUNN	1,640	1,665	1,702	1,699
GOLDEN VAL..	84	82	78	79
MCHENRY	13	13	11	11
MCKENZIE	3,093	3,133	3,136	3,112
MCLEAN	40	39	41	38
MOUNTRAIL	2,321	2,342	2,349	2,362
RENVILLE	217	225	229	215
SLOPE	15	15	15	15
STARK	247	247	247	241
WARD	7	7	7	6
WILLIAMS	1,991	1,987	2,012	1,988
Grand Total	12,161	12,257	12,323	12,224



Month-Month Well Count Change

All Formations

Min. 1 BOPD Produced

County	June 2015	July 2015	August 2015	September 2015
BILLINGS		5	-7	-7
BOTTINEAU		-7	9	-13
BOWMAN		2	-1	-7
BURKE		13	-4	-12
DIVIDE		-4	-3	1
DUNN		25	37	-3
GOLDEN VAL..		-2	-4	1
MCHENRY		0	-2	0
MCKENZIE		40	3	-24
MCLEAN		-1	2	-3
MOUNTRAIL		21	7	13
RENVILLE		8	4	-14
SLOPE		0	0	0
STARK		0	0	-6
WARD		0	0	-1
WILLIAMS		-4	25	-24
Grand Total		96	66	-99



Well Count

BKN/TF/SAN Formations

Min. 1 BOPD Produced

County	June 2015	July 2015	August 2015	September 2015
BILLINGS	176	176	178	175
BURKE	261	263	262	259
DIVIDE	639	639	631	635
DUNN	1,588	1,612	1,648	1,647
GOLDEN VAL..	18	18	17	17
MCKENZIE	2,823	2,868	2,869	2,853
MCLEAN	36	36	36	36
MOUNTRAIL	2,300	2,321	2,328	2,343
STARK	191	192	192	192
WARD	1	1	1	1
WILLIAMS	1,784	1,786	1,811	1,794
Grand Total	9,817	9,912	9,973	9,952



Month-Month Well Count Change

BKN/TF/SAN Formations

Min. 1 BOPD Produced

County	June 2015	July 2015	August 2015	September 2015
BILLINGS		0	2	-3
BURKE		2	-1	-3
DIVIDE		0	-8	4
DUNN		24	36	-1
GOLDEN VAL..		0	-1	0
MCKENZIE		45	1	-16
MCLEAN		0	0	0
MOUNTRAIL		21	7	15
STARK		1	0	0
WARD		0	0	0
WILLIAMS		2	25	-17
Grand Total		95	61	-21



Well Count

Min. 1 BOPD Produced

Pool	June 2015	July 2015	August 2015	September 2015
BAKKEN	9,648	9,733	9,799	9,778
BAKKEN/THREE FORKS	43	42	43	42
BIRDBEAR	65	60	60	58
CAMBRO/ORDOVICIAN	1	1	1	1
DAWSON BAY	1	1	2	2
DEVONIAN	42	39	43	41
DUPEROW	61	60	64	60
GUNTON	1	1		
HEATH	25	24	25	22
LODGEPOLE	29	30	29	27
MADISON	1,353	1,368	1,361	1,307
MIDALE/NESSON	36	35	37	33
NORTH RED RIVER B	113	113	113	113
ORDOVICIAN	42	43	42	41
RATCLIFFE	2	3	2	3
RED RIVER	131	135	130	129
RED RIVER B	25	26	26	25
SANISH	124	135	129	130
SILURIAN	32	28	30	32
SOURIS RIVER				1
SOUTH RED RIVER B	134	133	133	131
SPEARFISH	96	90	93	90
SPEARFISH/CHARLES	84	83	85	86
SPEARFISH/MADISON	39	38	39	37
STONEWALL	16	17	17	17
THREE FORKS	2	2	2	2
TYLER	18	20	20	19
TYLER A	1	1	1	1
WEST RED RIVER	23	23	23	22
WINNIPEG	1	1		
WINNIPEG/DEADWOOD	3	3	2	3
WINNIPEGOSIS	10	9	9	10
Grand Total	12,161	12,257	12,323	12,224



Month-Month Well Count Change

Min. 1 BOPD Produced

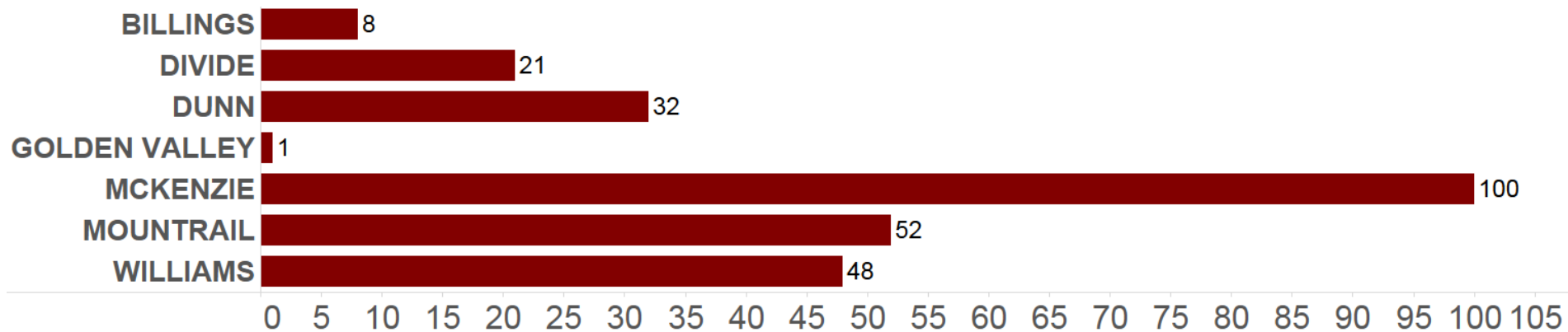
Pool	June 2015	July 2015	August 2015	September 2015
BAKKEN		85	66	-21
BAKKEN/THREE FORKS		-1	1	-1
BIRDBEAR		-5	0	-2
CAMBRO/ORDOVICIAN		0	0	0
DAWSON BAY		0	1	0
DEVONIAN		-3	4	-2
DUPEROW		-1	4	-4
GUNTON		0	-1	0
HEATH		-1	1	-3
LODGEPOLE		1	-1	-2
MADISON		15	-7	-54
MIDALE/NESSON		-1	2	-4
NORTH RED RIVER B		0	0	0
ORDOVICIAN		1	-1	-1
RATCLIFFE		1	-1	1
RED RIVER		4	-5	-1
RED RIVER B		1	0	-1
SANISH		11	-6	1
SILURIAN		-4	2	2
SOURIS RIVER		0	0	1
SOUTH RED RIVER B		-1	0	-2
SPEARFISH		-6	3	-3
SPEARFISH/CHARLES		-1	2	1
SPEARFISH/MADISON		-1	1	-2
STONEWALL		1	0	0
THREE FORKS		0	0	0
TYLER		2	0	-1
TYLER A		0	0	0
WEST RED RIVER		0	0	-1
WINNIPEG		0	-1	0
WINNIPEG/DEADWOOD		0	-1	1
WINNIPEGOSIS		-1	0	1
Grand Total		96	66	-99



Digging Deeper Into the Data....



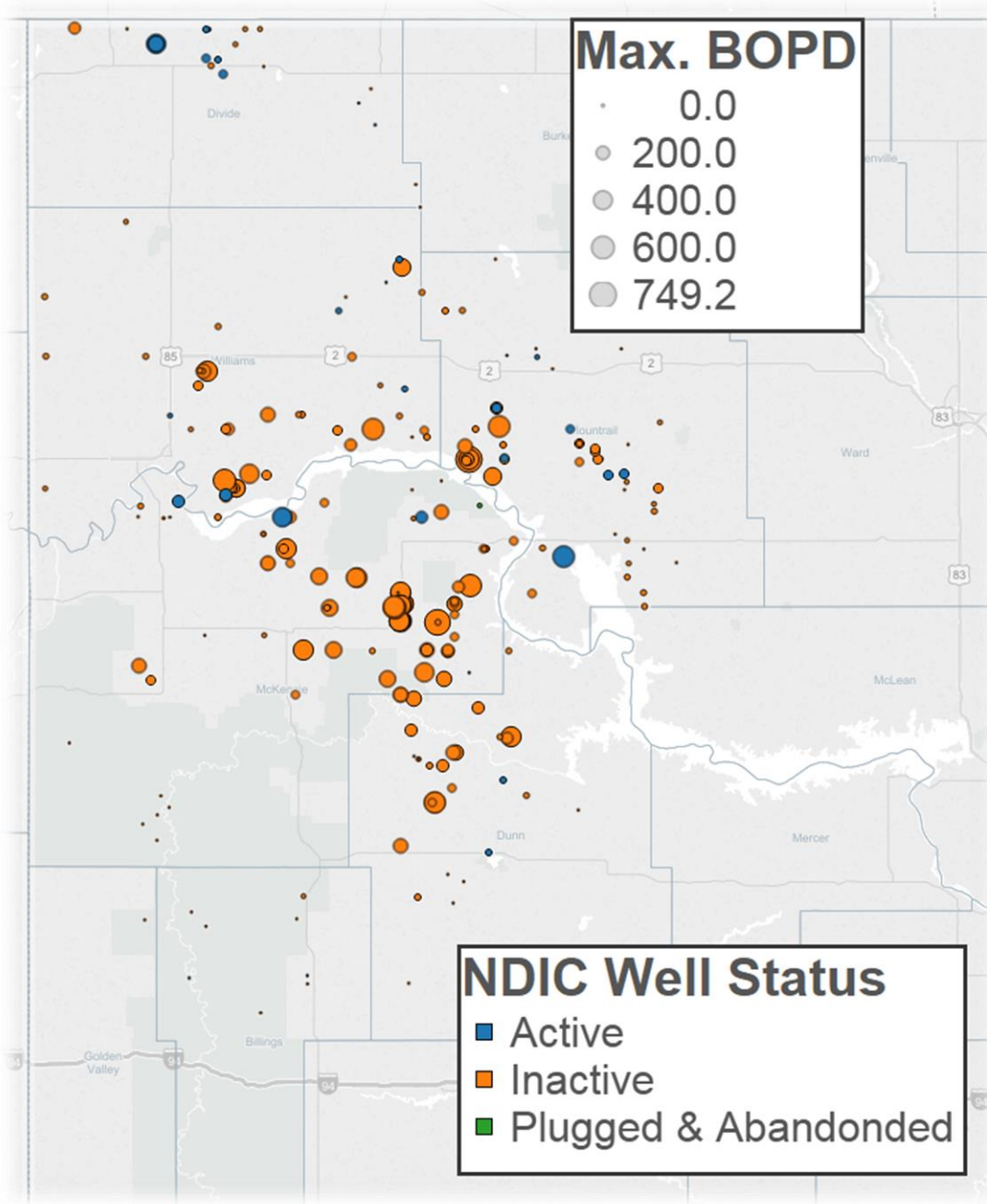
262 Bakken/Three Forks/Sanish Wells* Reported Zero Oil Production in September 2015, But Did Produce at Least One Barrel During the Previous Three Months.



**Non-Confidential Wells Only*



Max. Oil Production* of the 262 Wells During the Previous Three Months



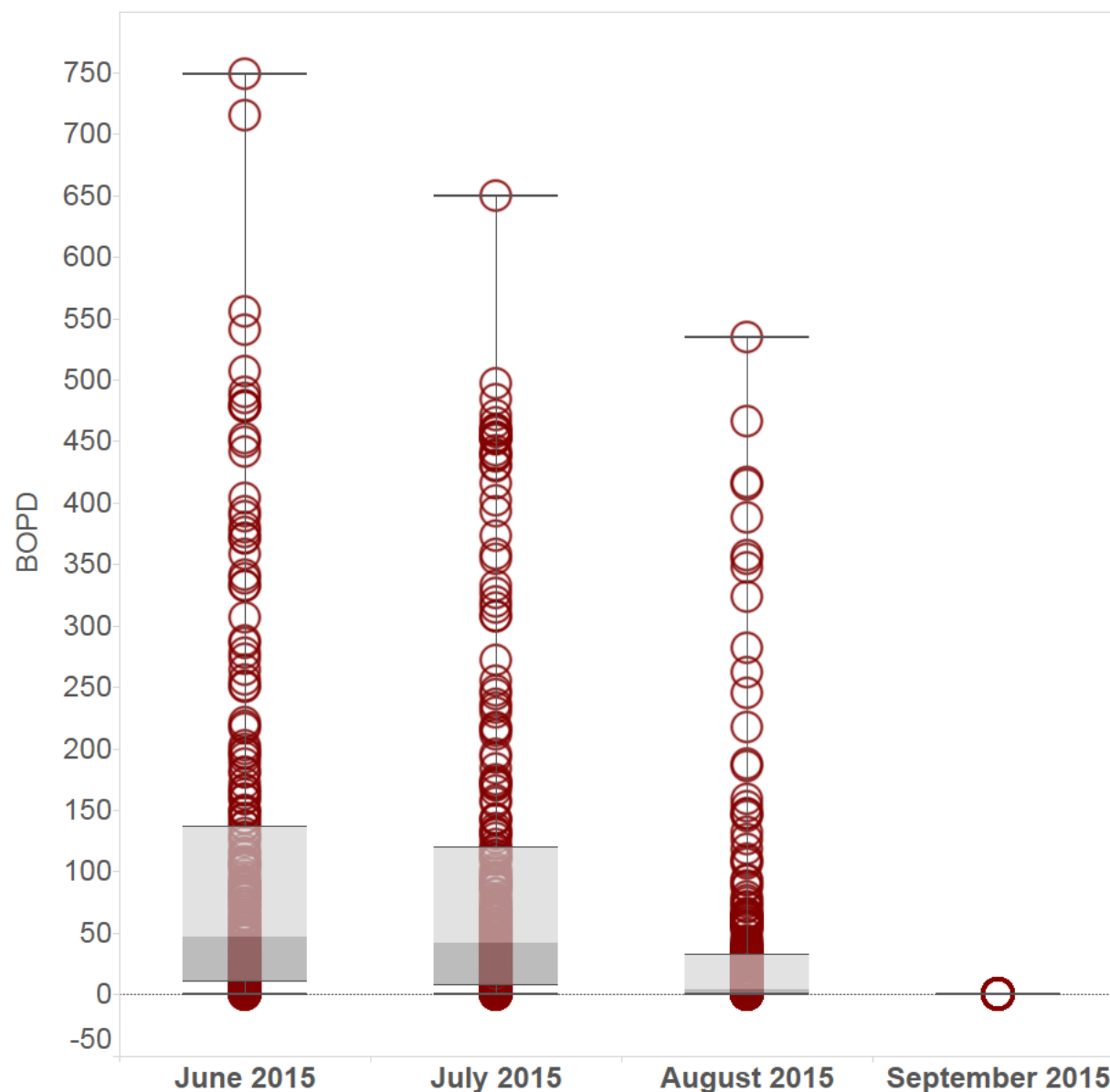
Current Well Status

Active	30
Inactive	229
Plugged & Abandoned	3

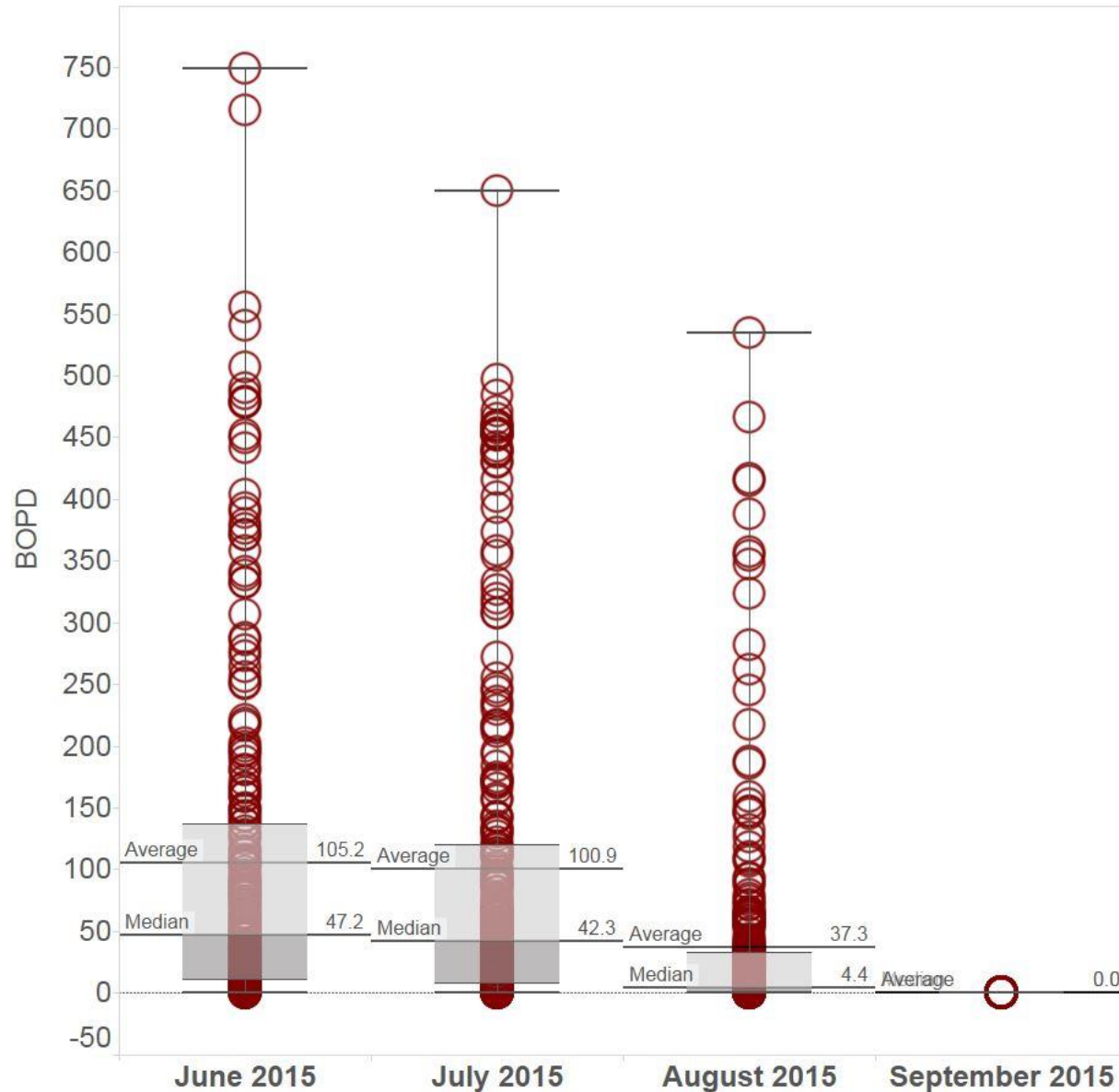
**Non-Confidential Wells Only*



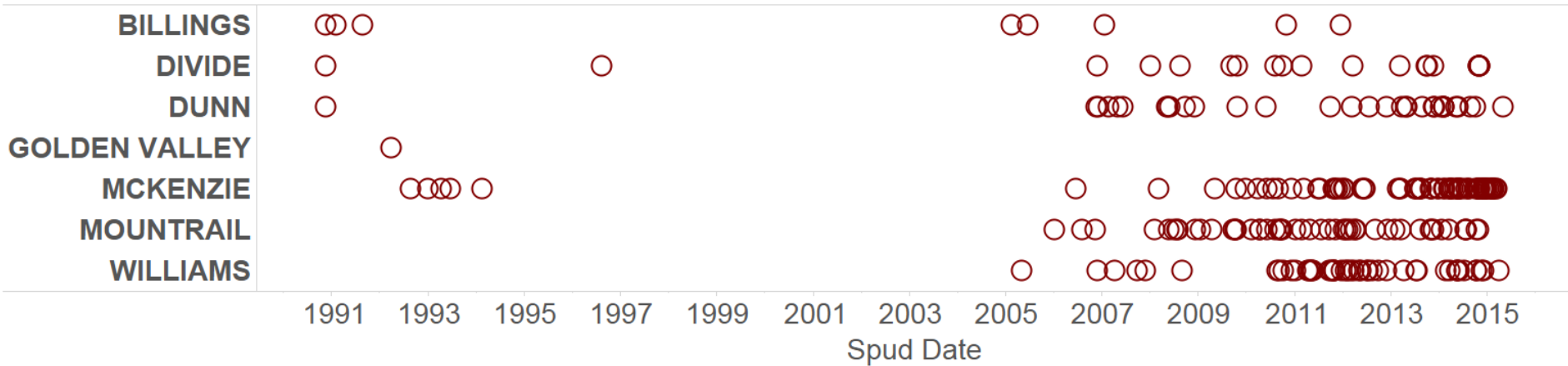
Oil Production of the 262 Wells Prior to September 2015



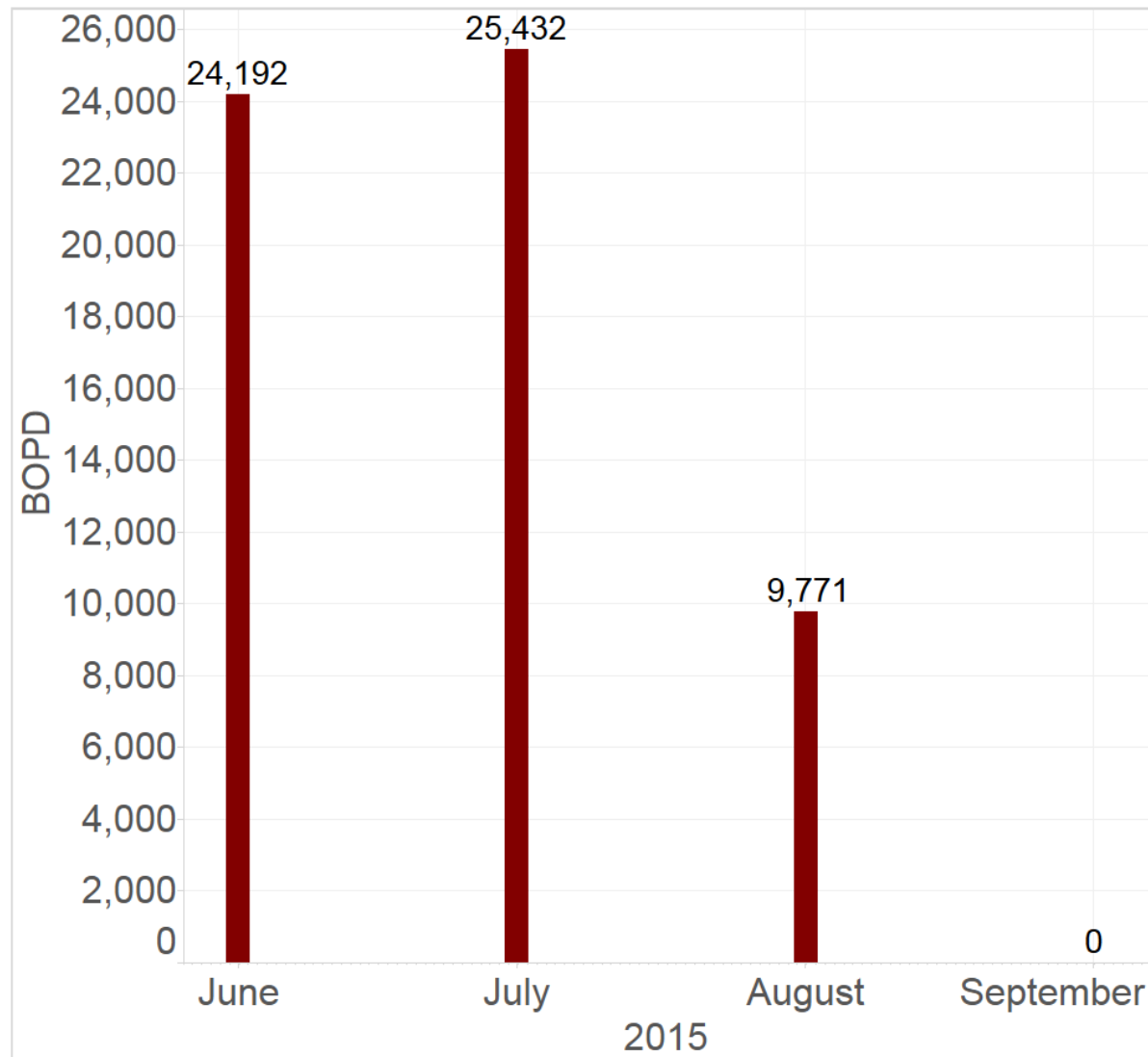
Oil Production of the 262 Wells Prior to September 2015



Spud Dates of the 262 Non-Producing Wells



Recent Contribution of the 262 Non-Producing Wells



Contact Information

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