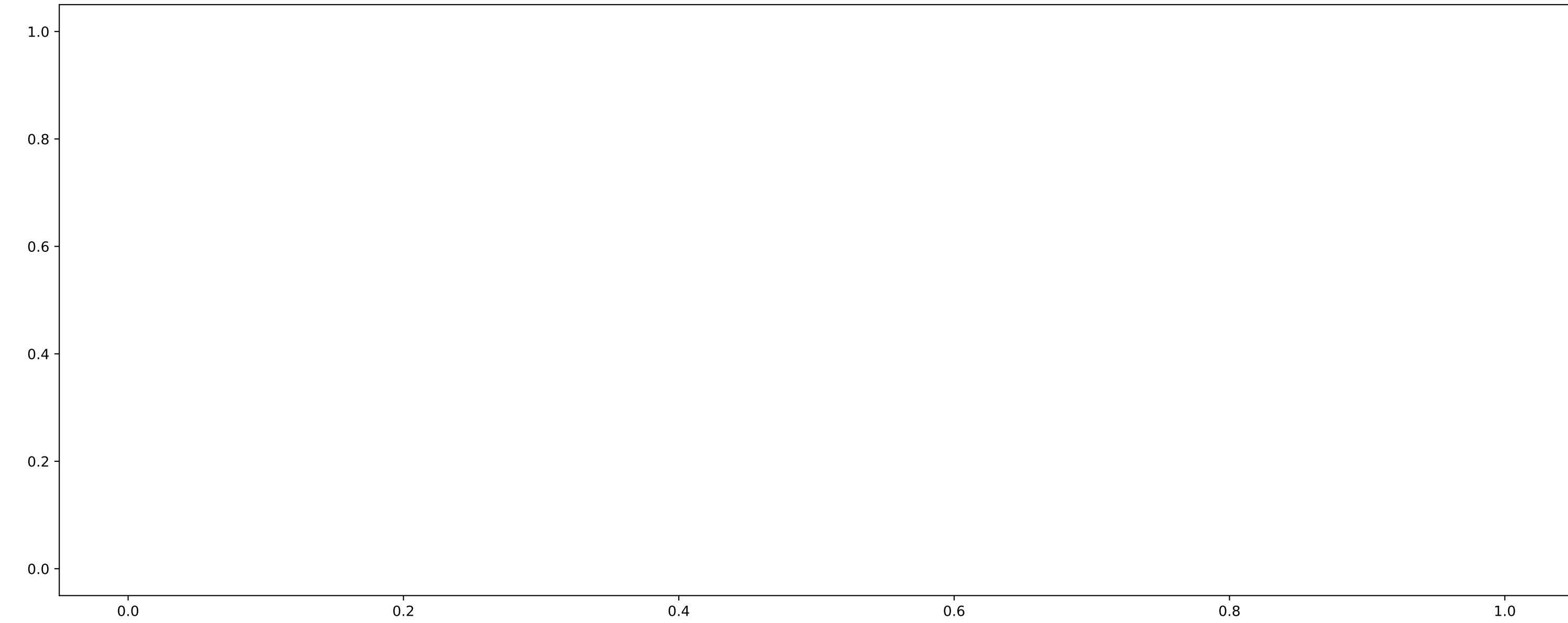
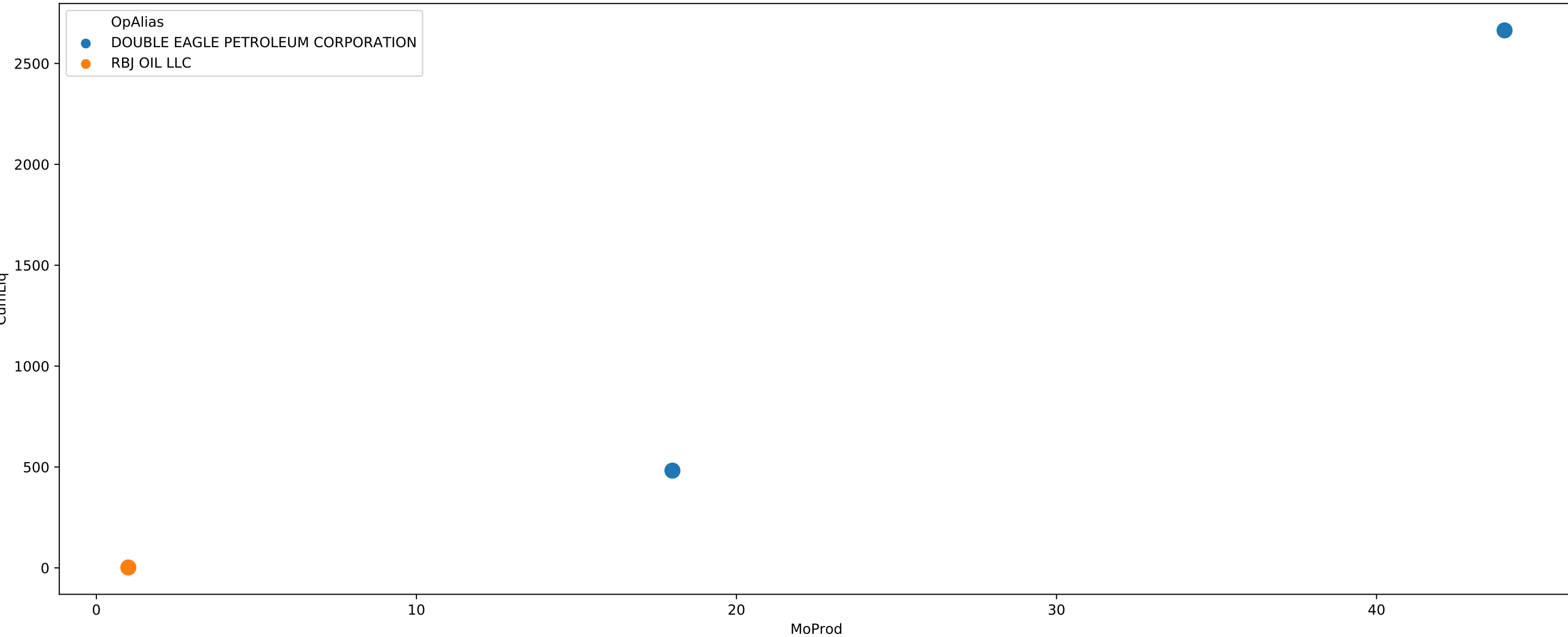


# Production Dashboard for tract 2

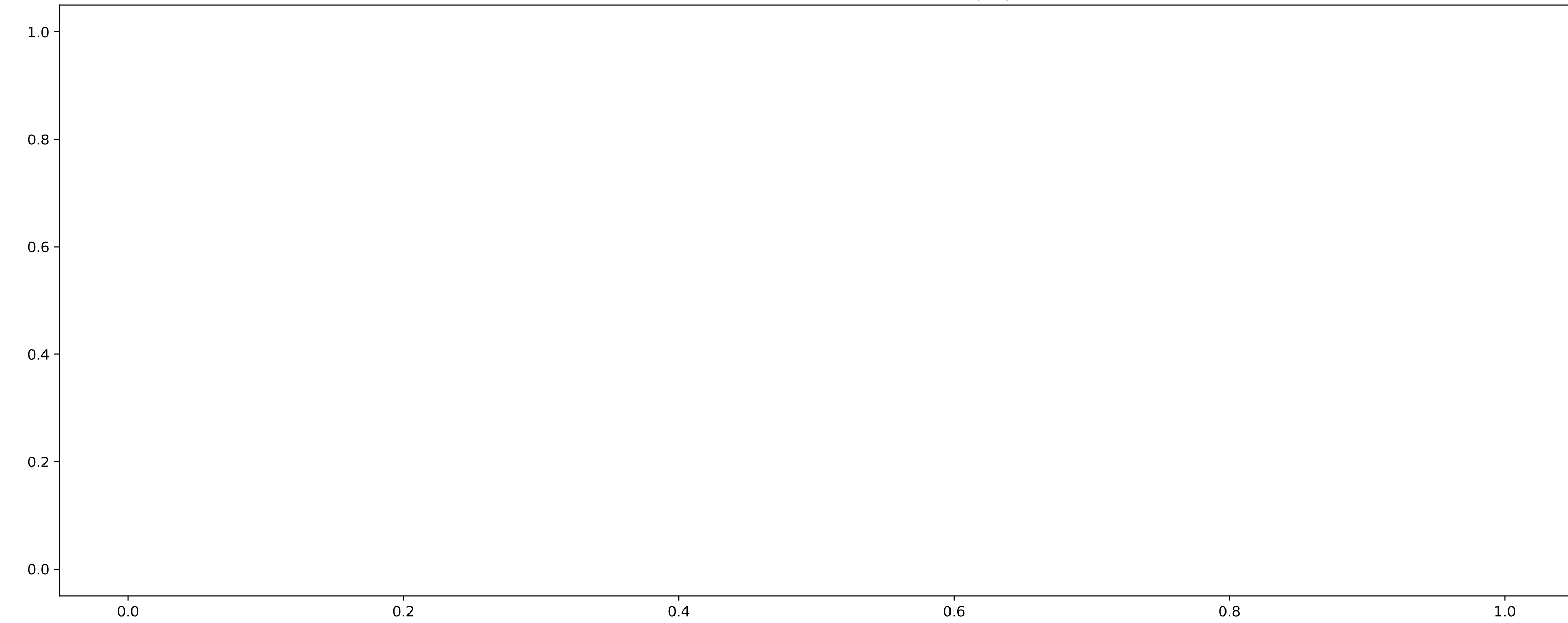
Scatter Plot - Cumulative Gas vs Cumalative Oil - Colored by Months Produced



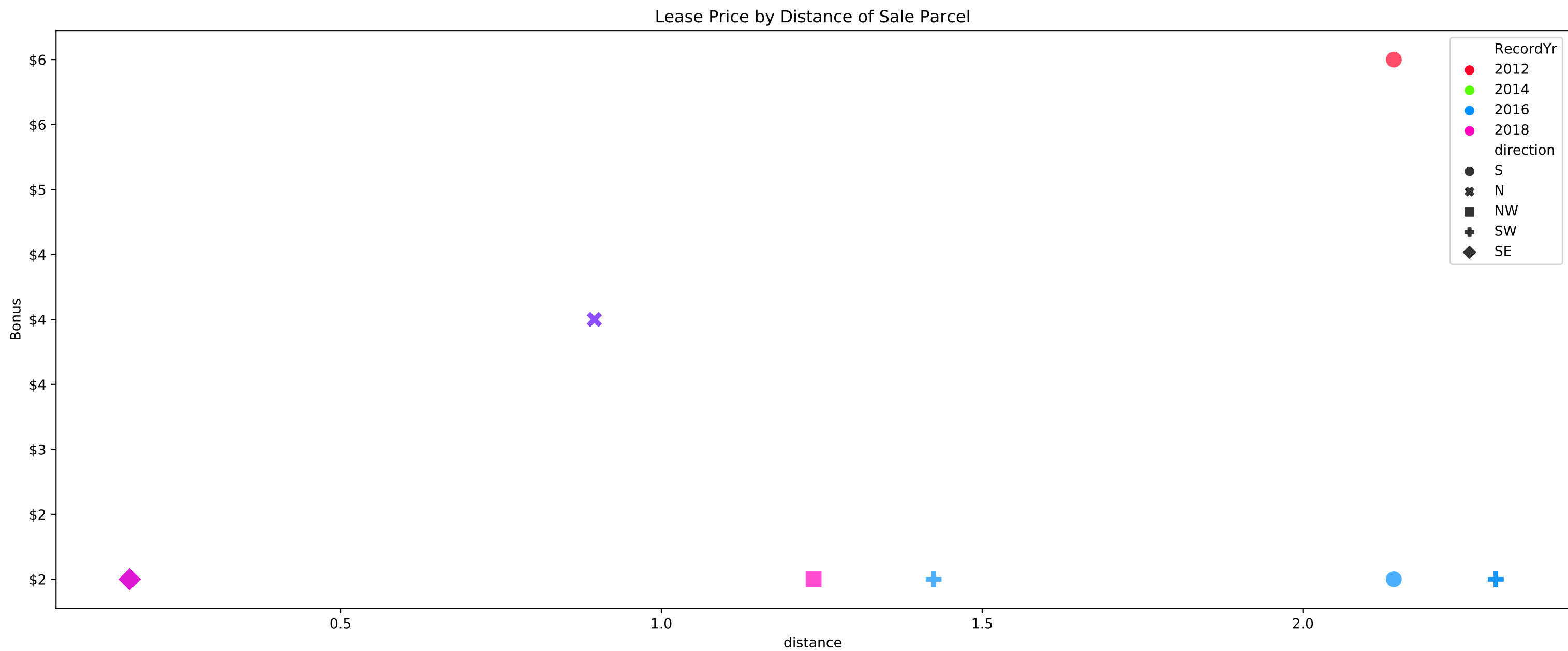
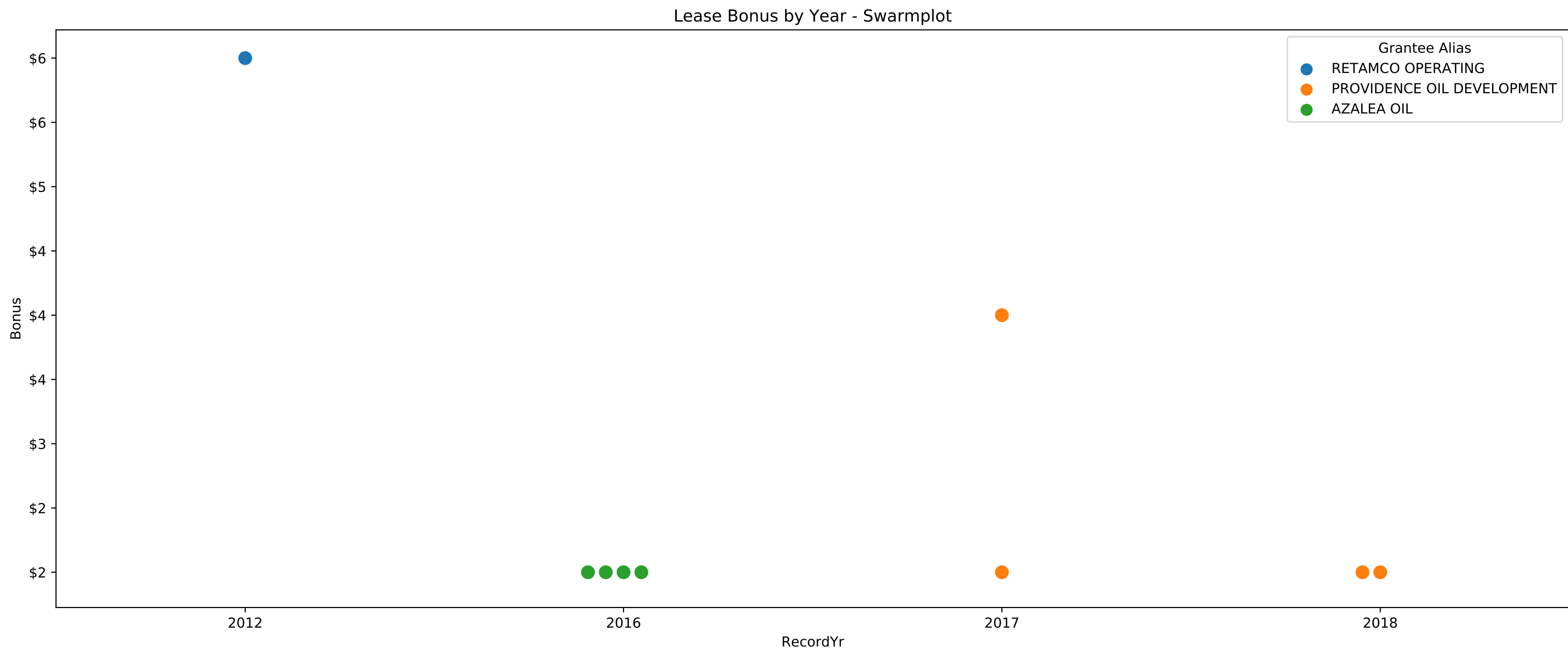
Cumaltive Oil vs. Months Produced - Colored by Operator



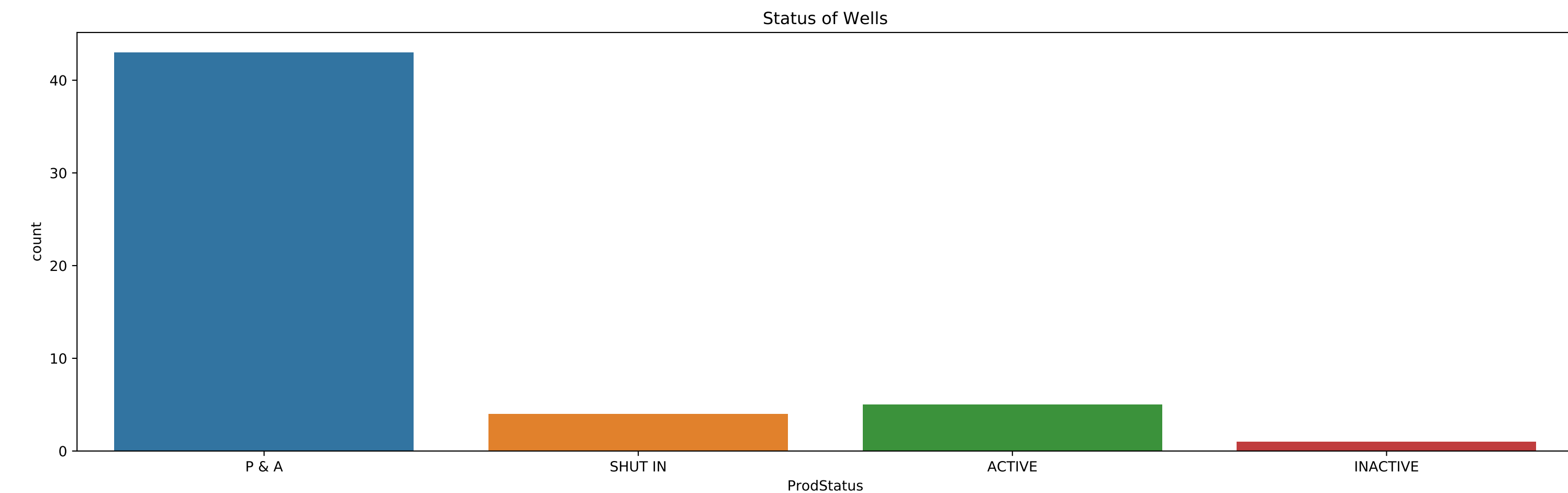
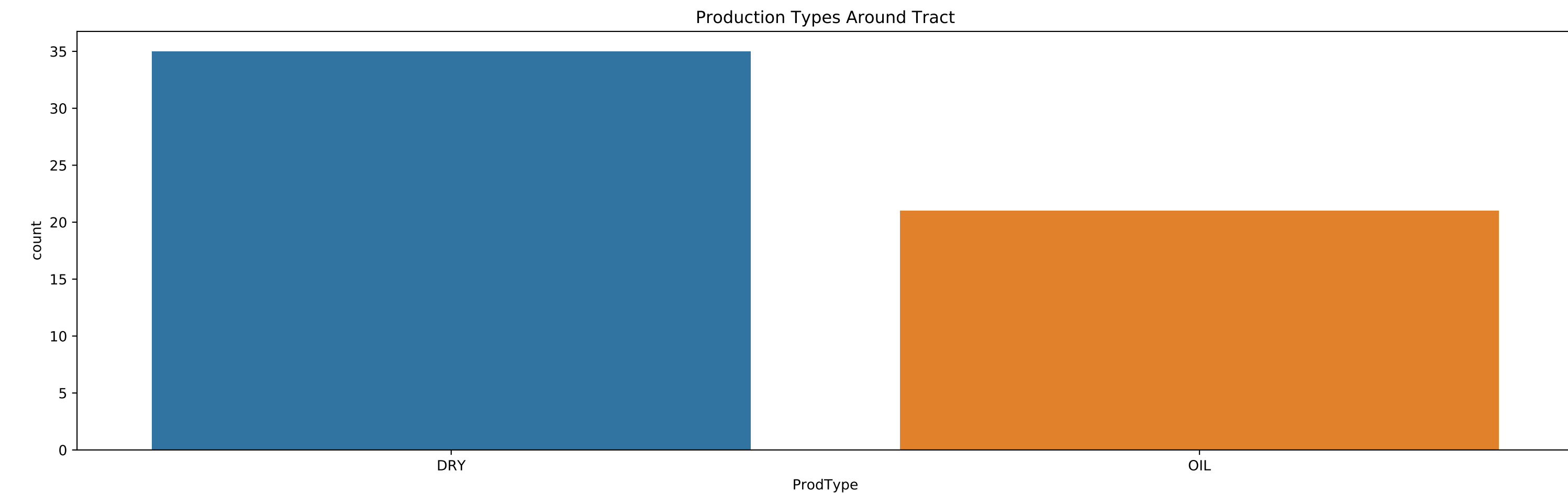
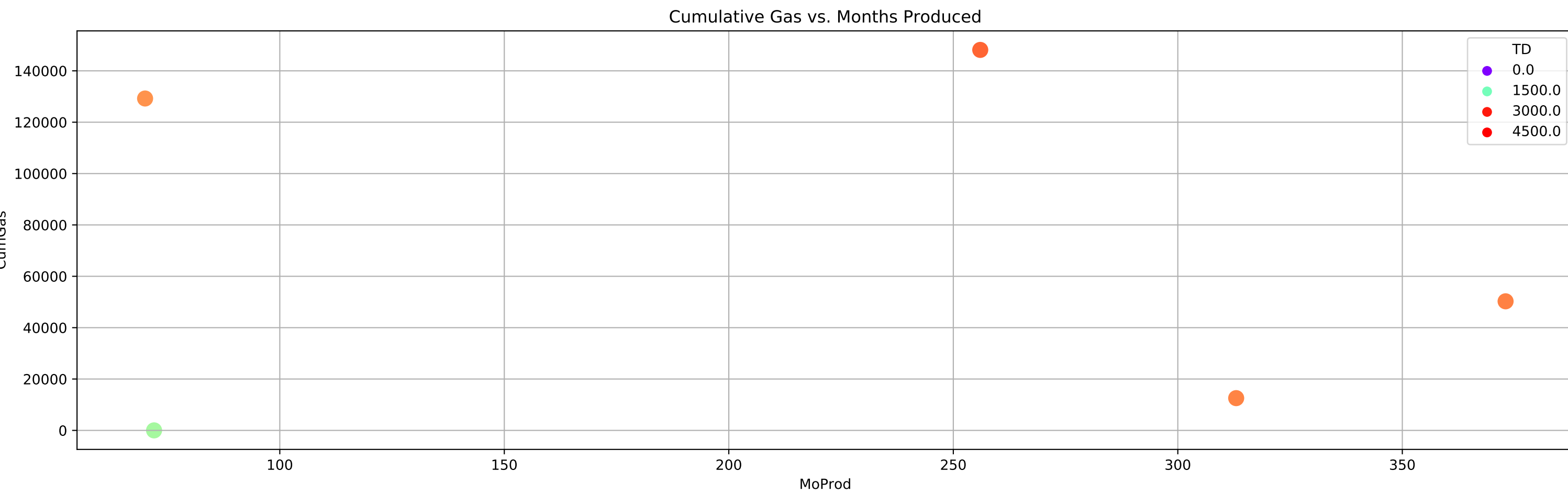
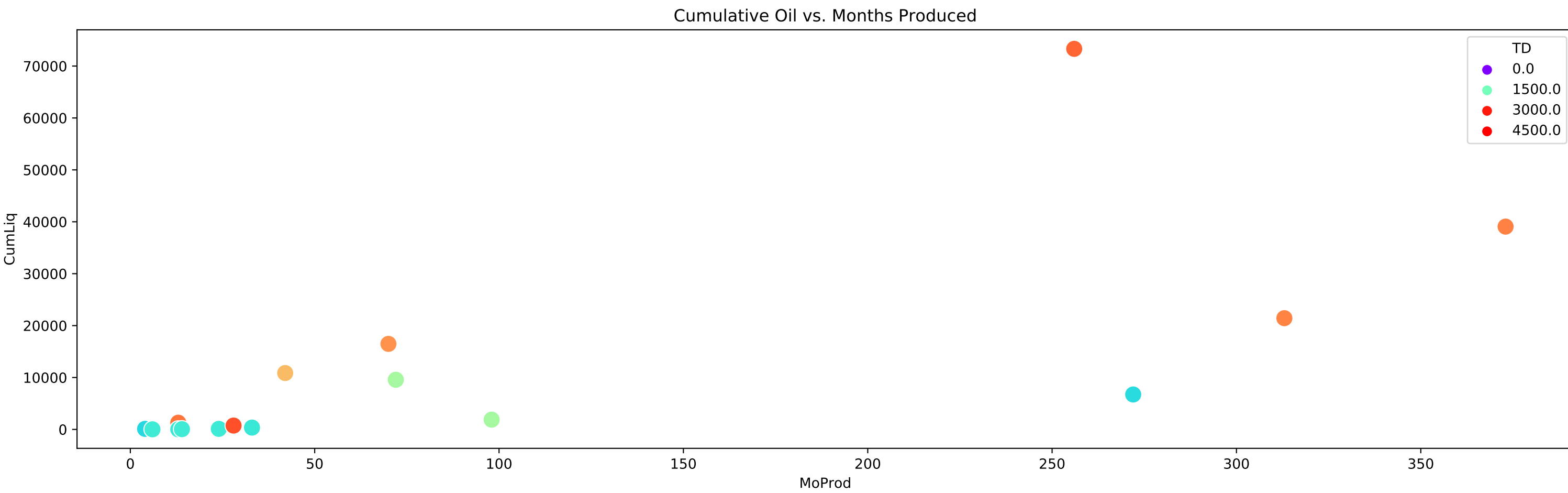
Cumalative Gas vs. Months Produced - Colored by Operator



Lease Summary for tract 2  
Total Number of Leases: 9  
Average Price \$2/acre in 2018

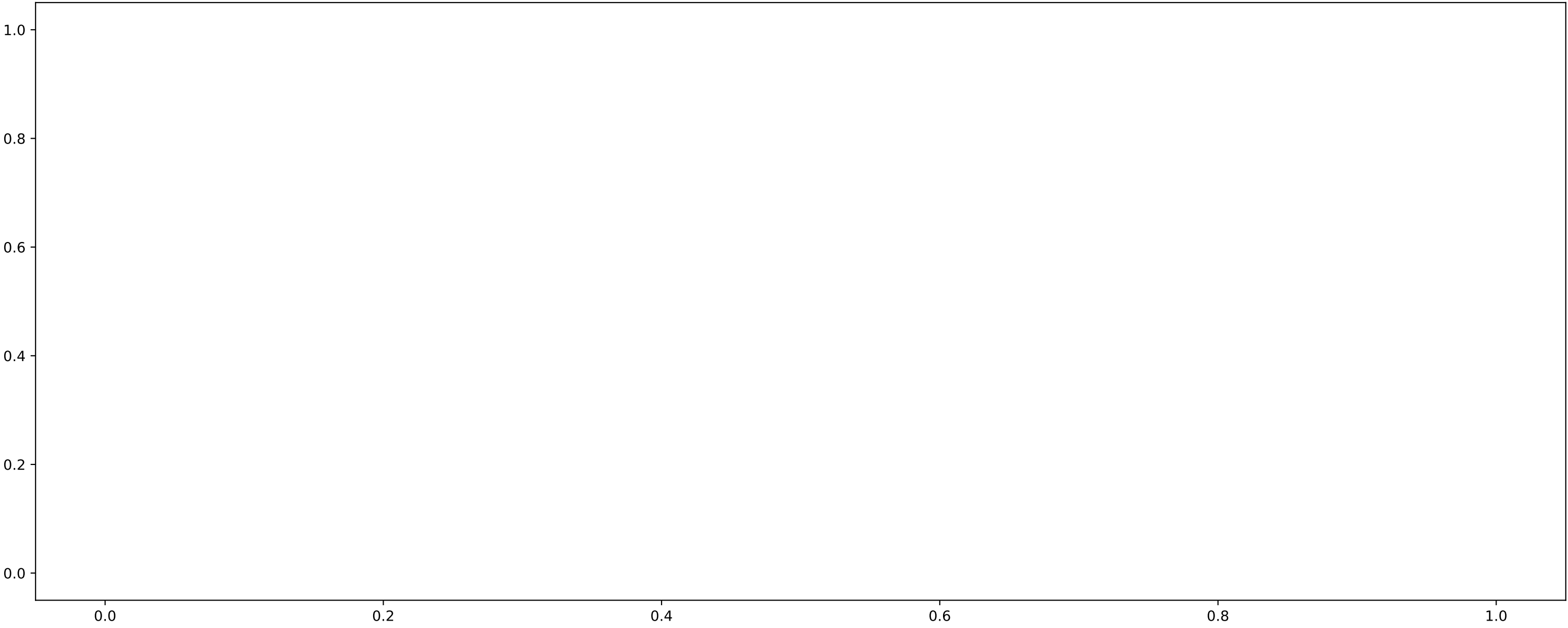


Old Production Outside of Tract 2 - 3 Mi Radius

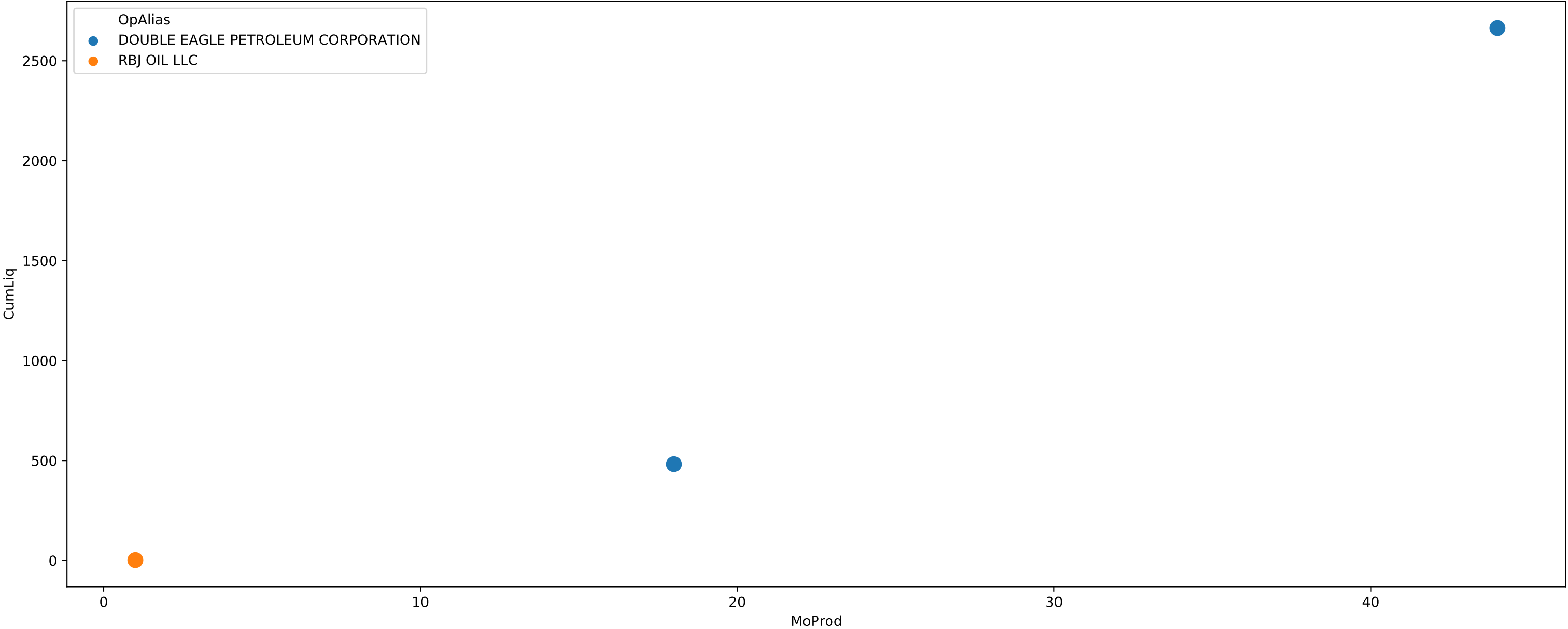


Production Dashboard for tract 3

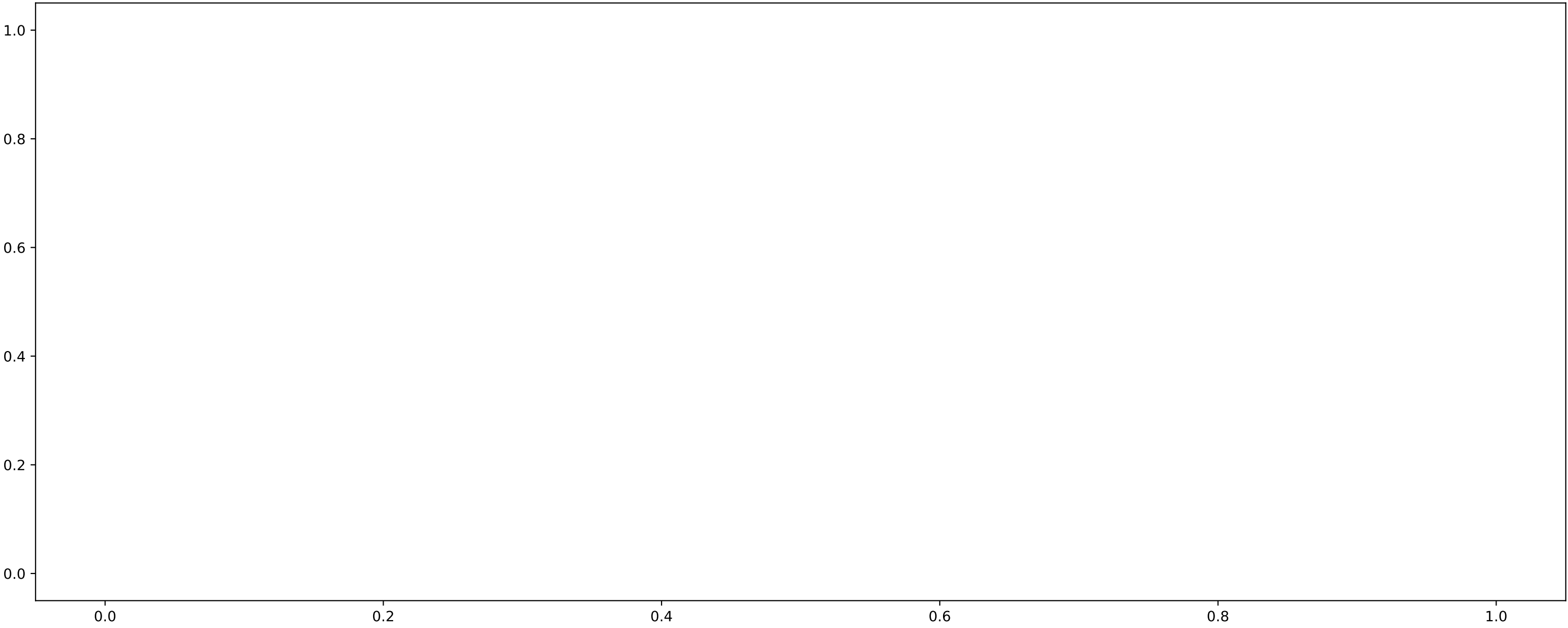
Scatter Plot - Cumulative Gas vs Cumalative Oil - Colored by Months Produced



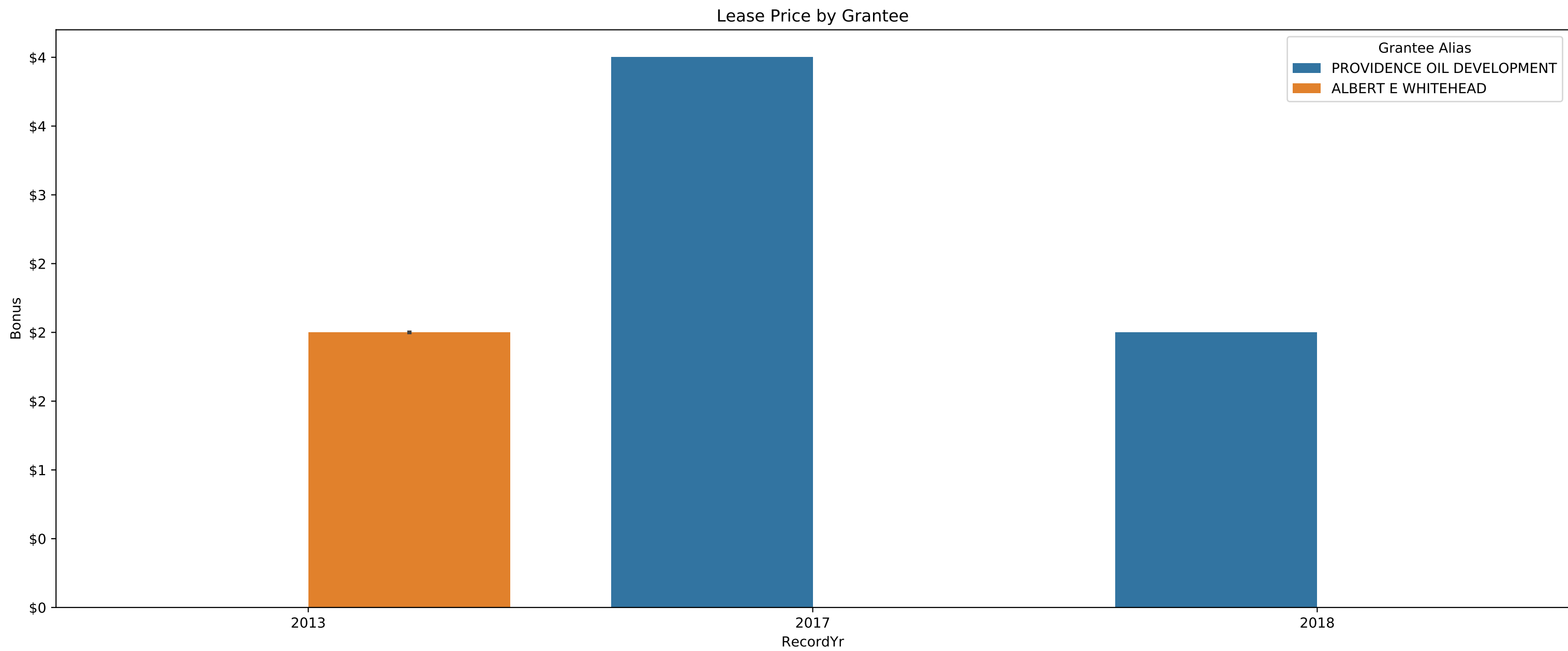
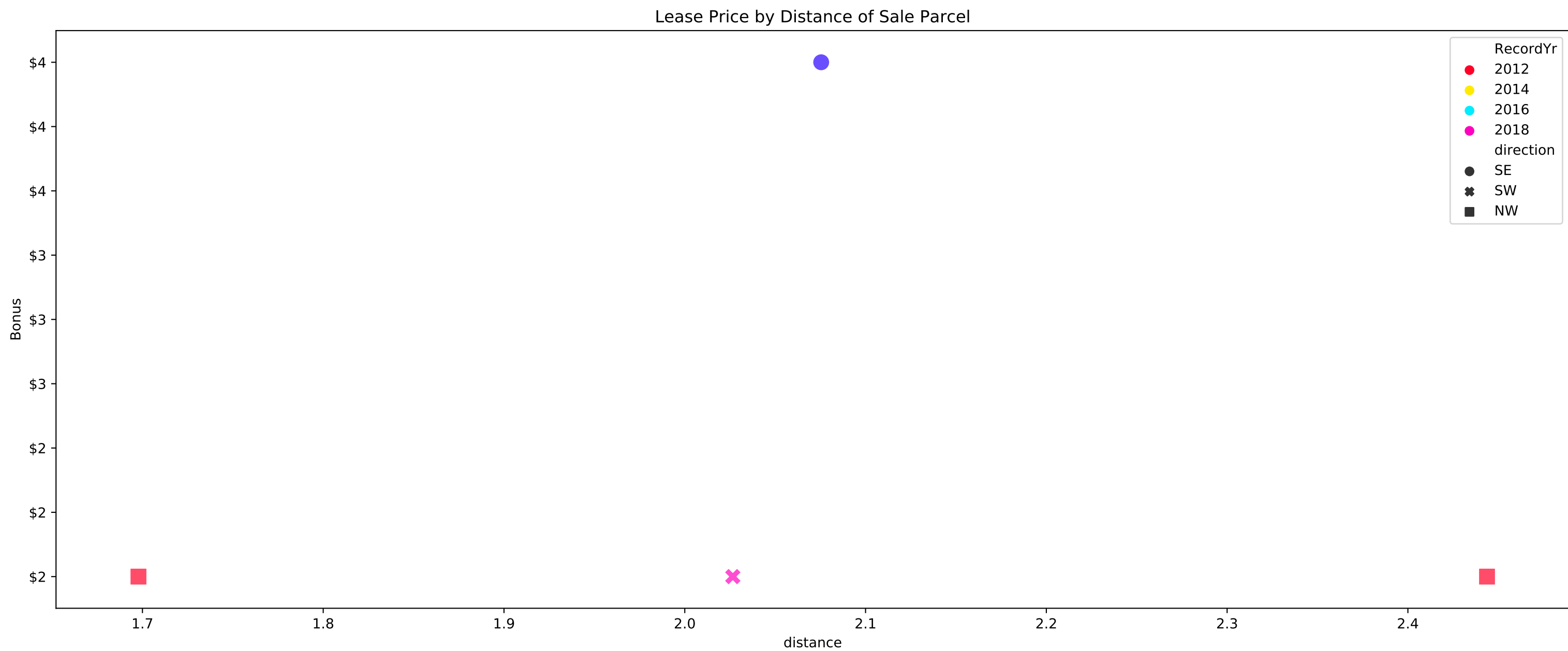
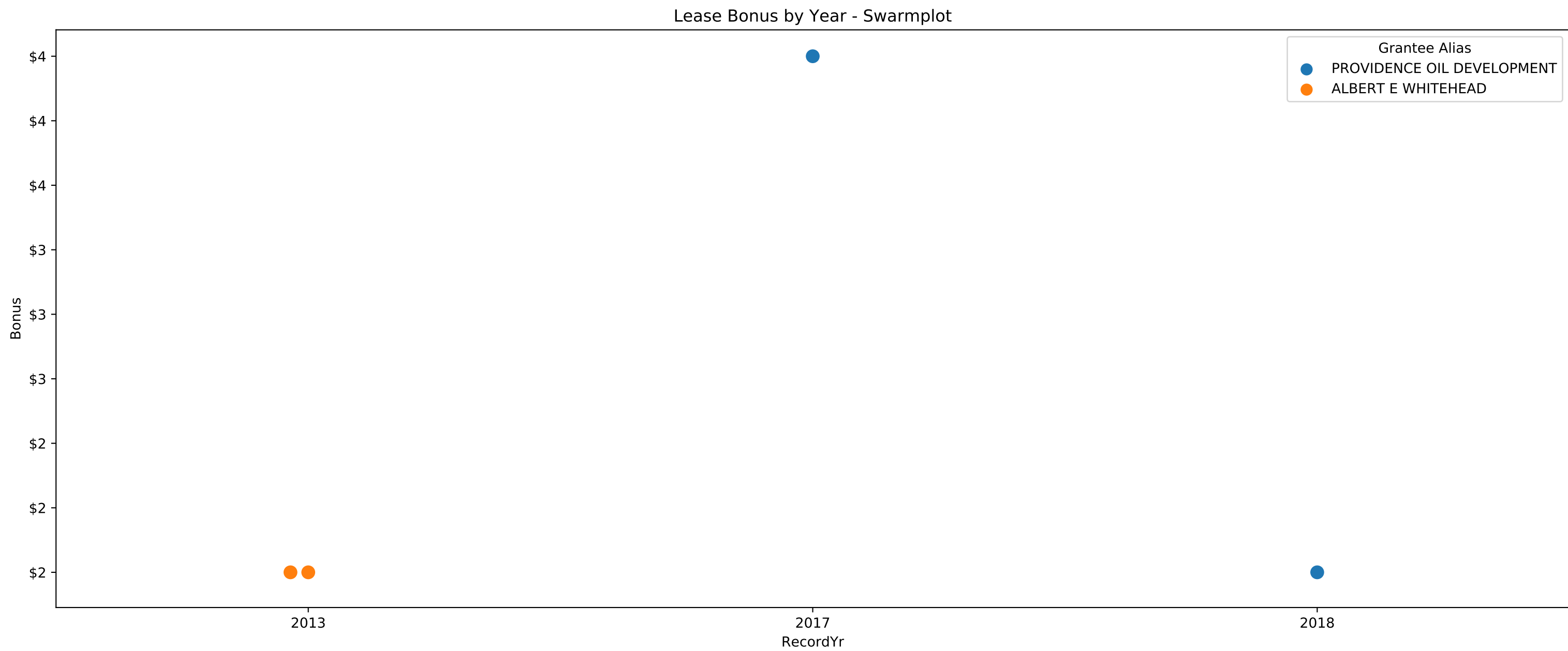
Cumaltive Oil vs. Months Produced - Colored by Operator



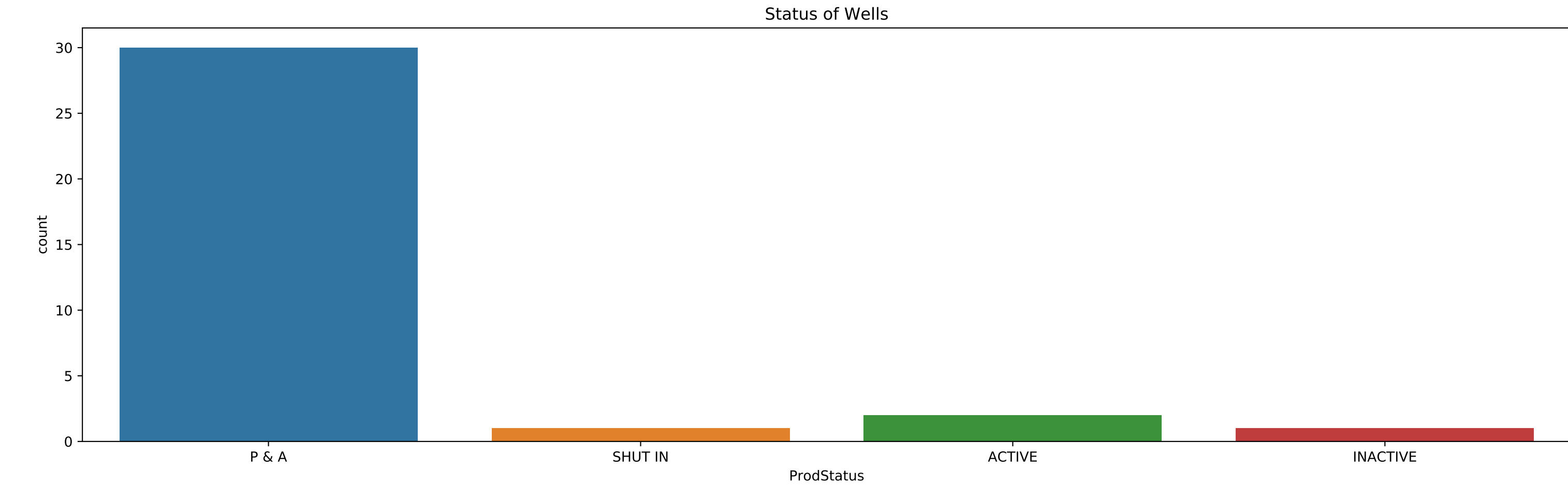
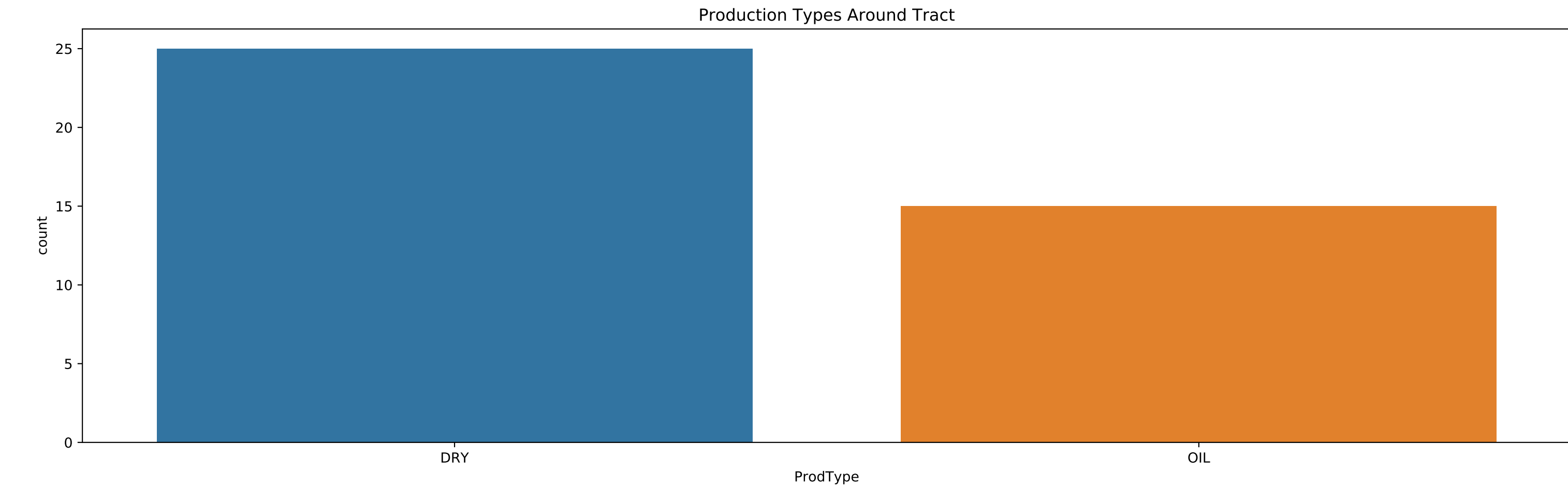
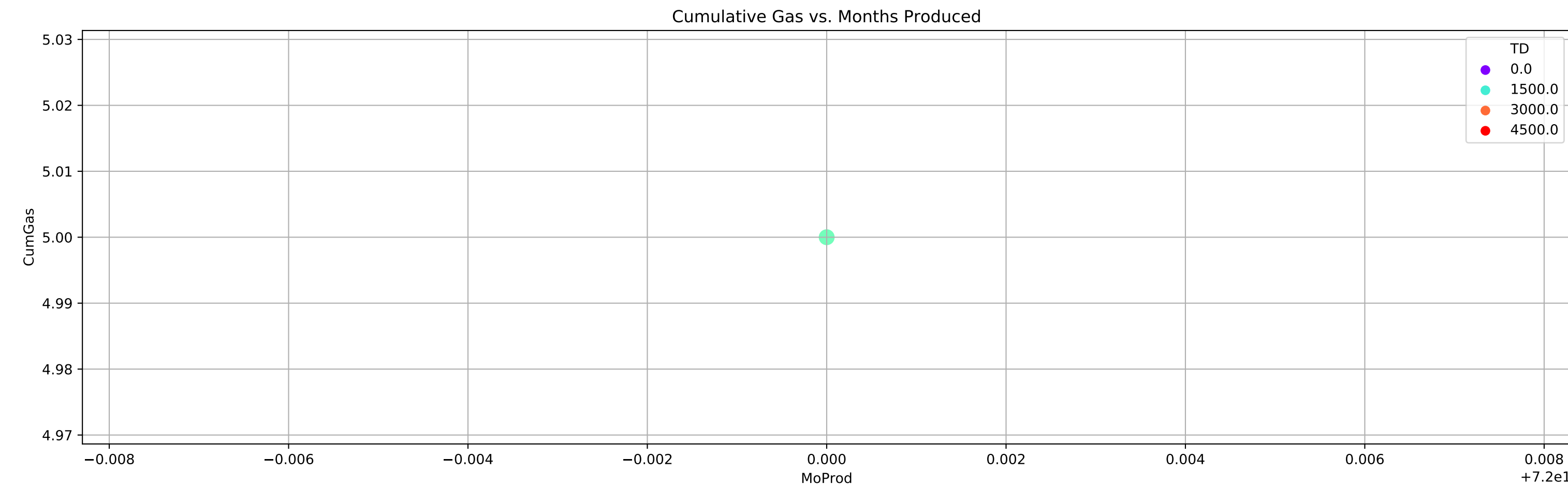
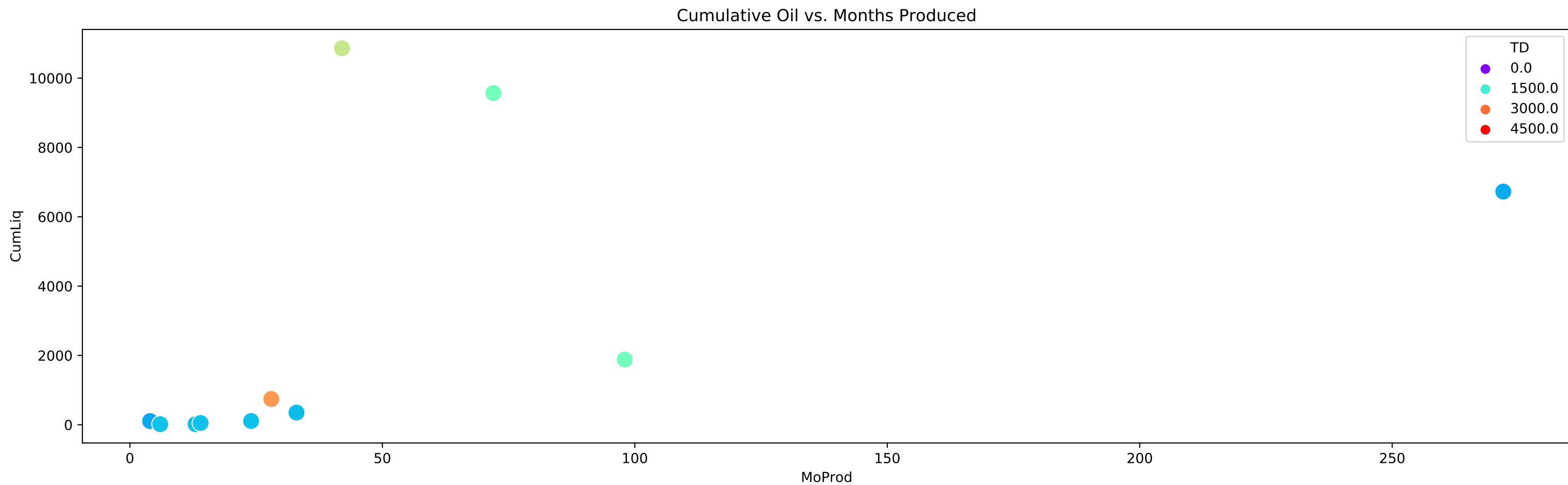
Cumalative Gas vs. Months Produced - Colored by Operator



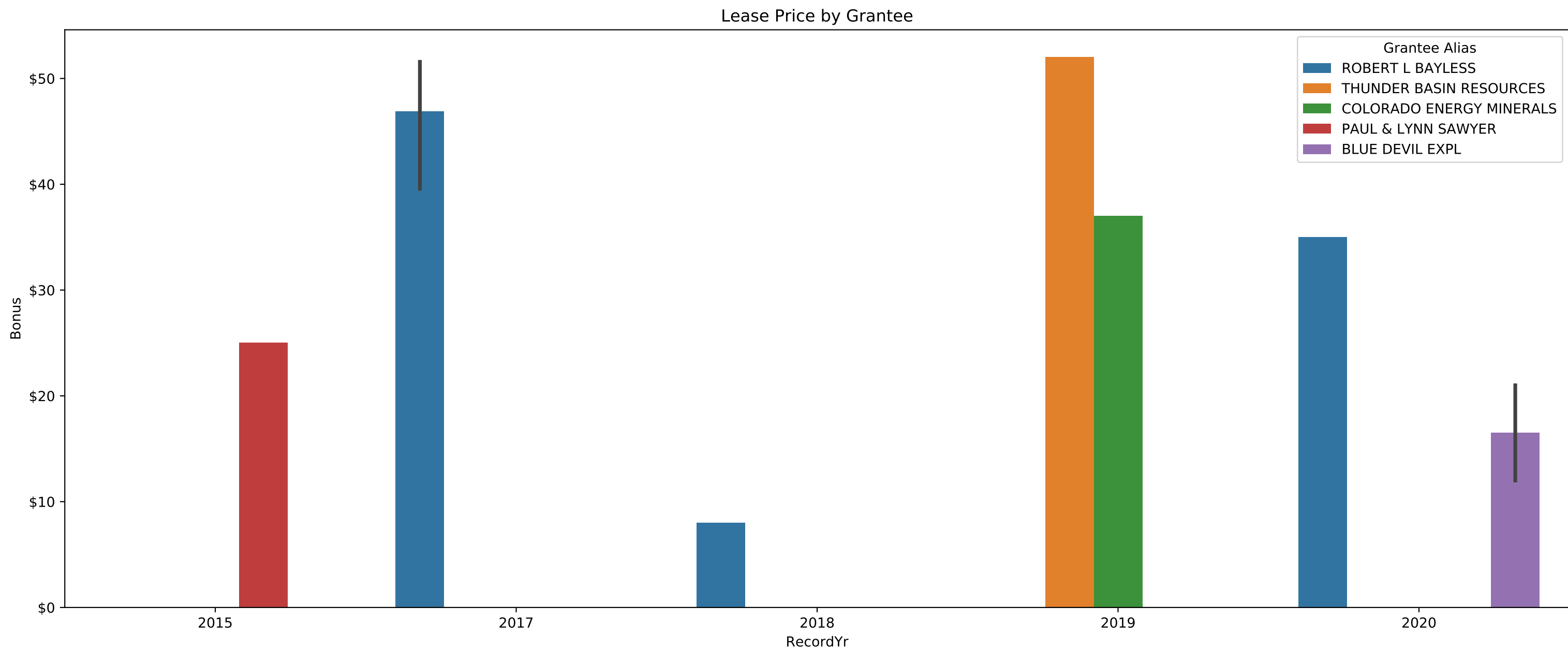
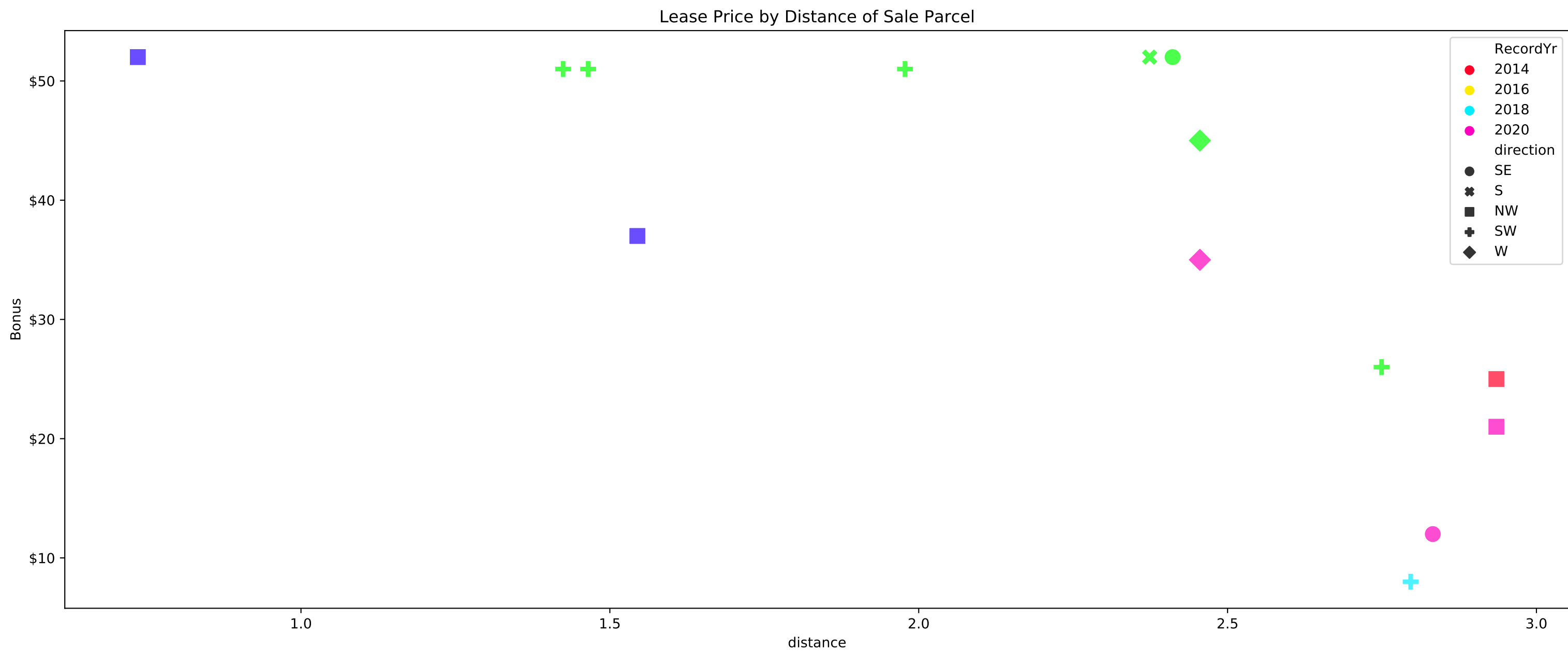
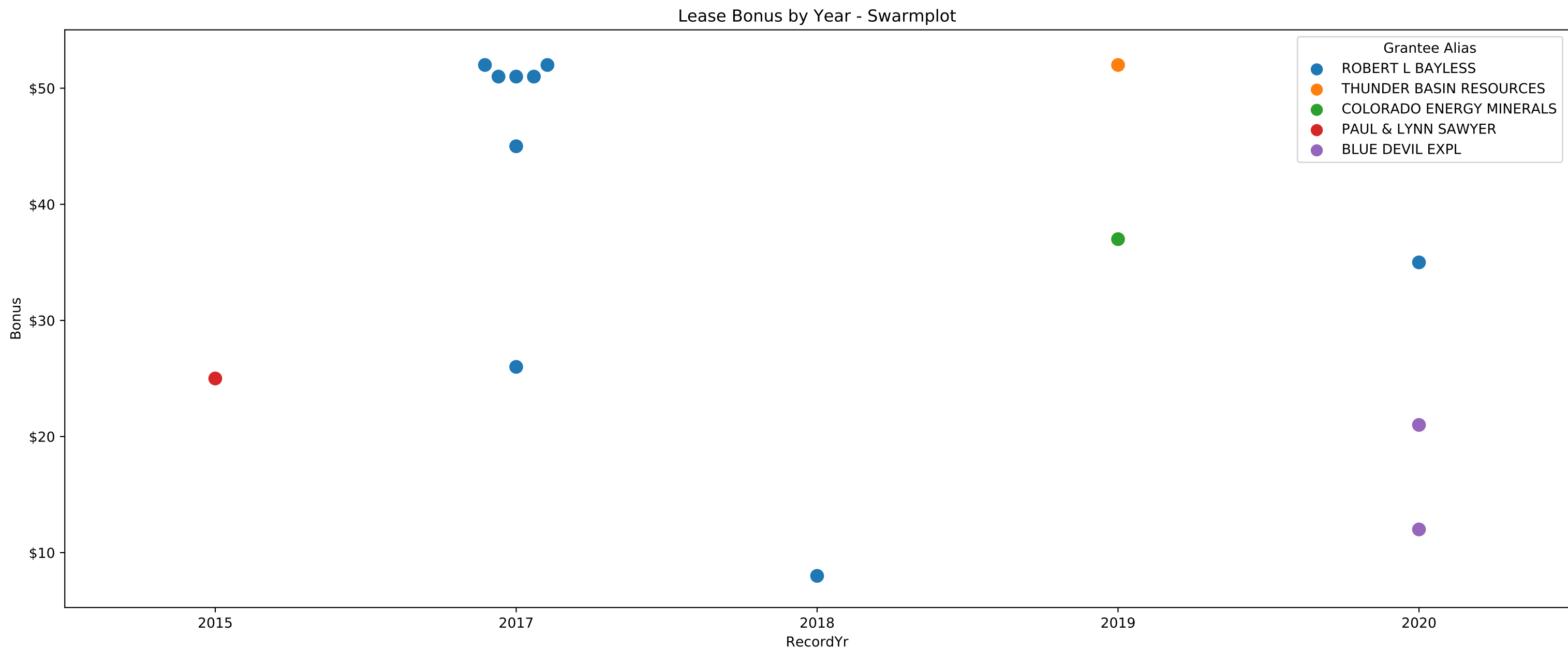
Lease Summary for tract 3  
Total Number of Leases: 4  
Average Price \$2/acre in 2018



# Old Production Outside of Tract 3 - 3 Mi Radius

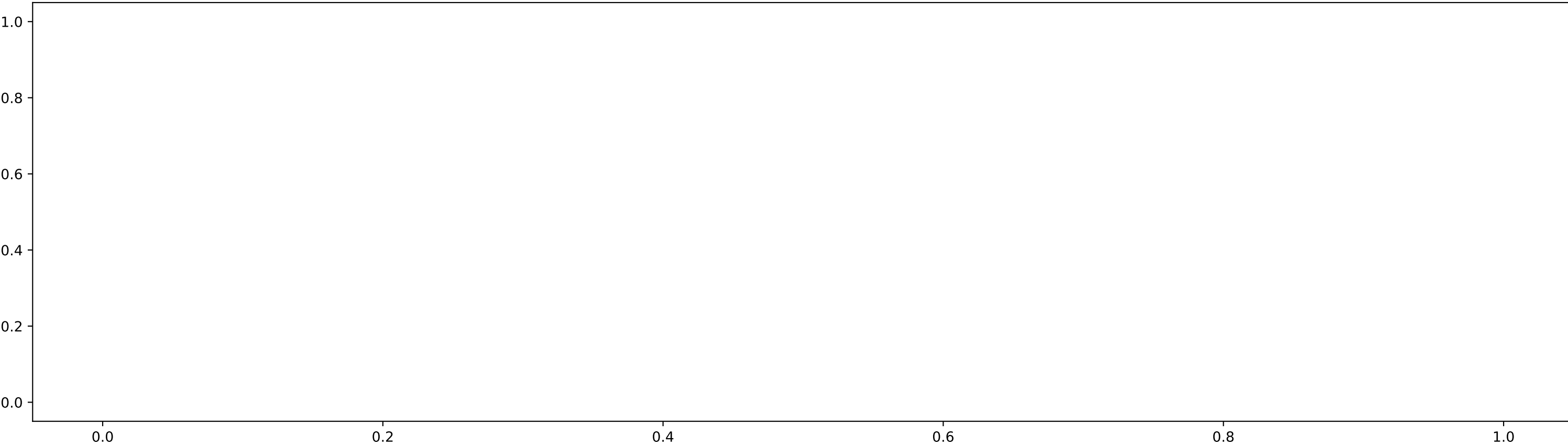


Lease Summary for tract 4  
Total Number of Leases: 14  
Average Price \$23/acre in 2020

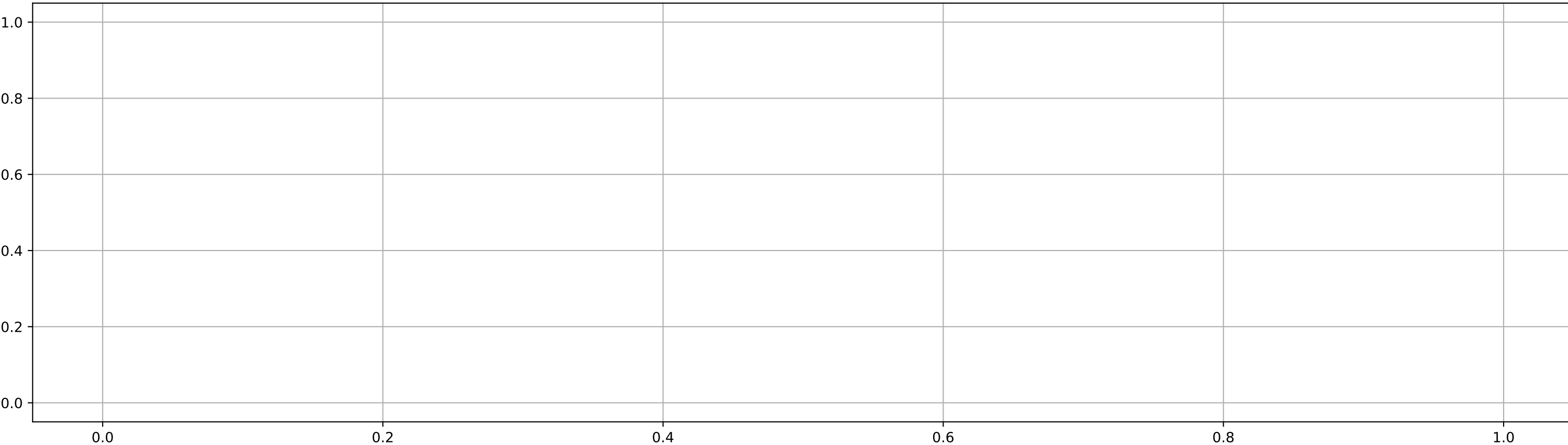


# Old Production Outside of Tract 4 - 3 Mi Radius

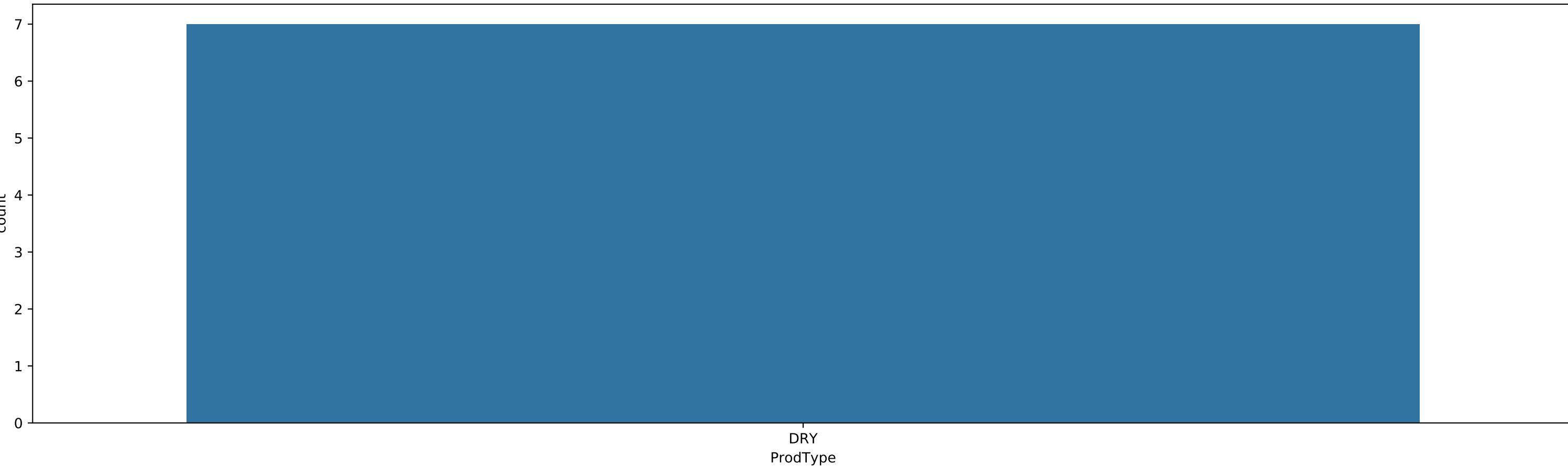
Cumulative Oil vs. Months Produced



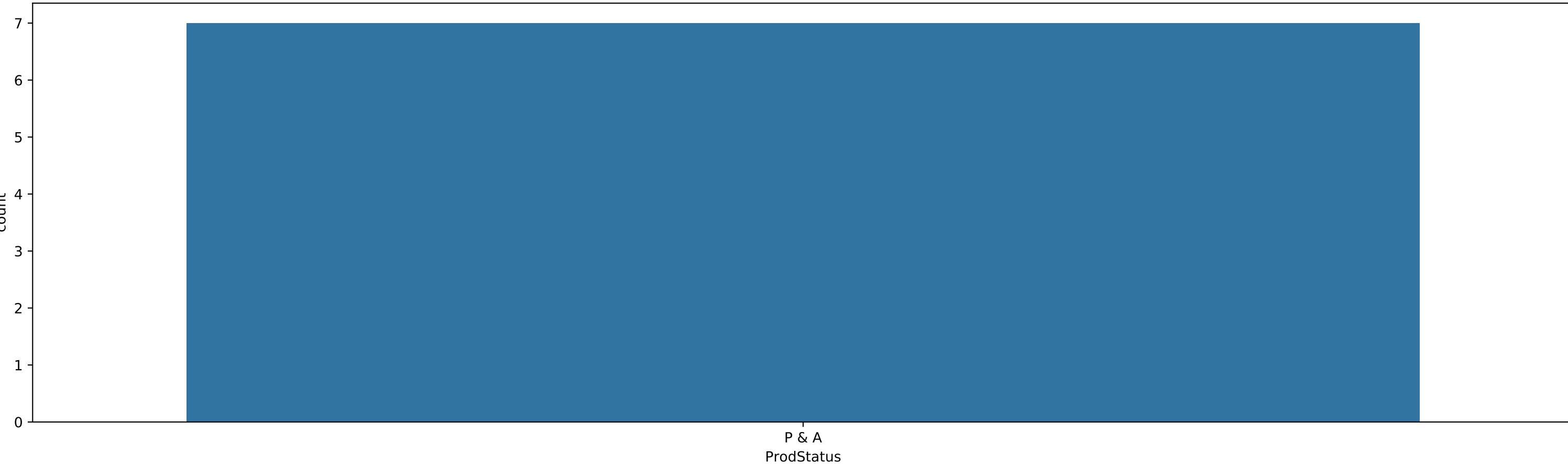
Cumulative Gas vs. Months Produced



Production Types Around Tract

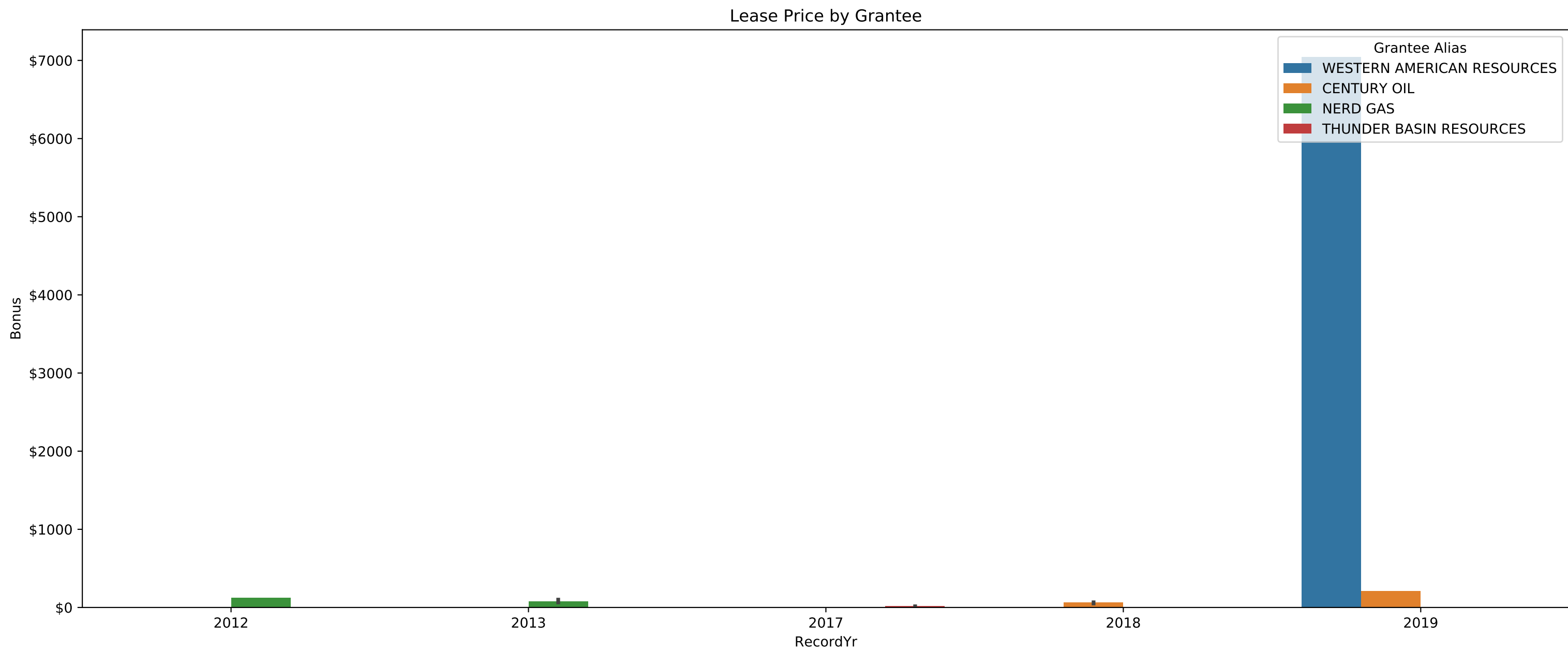
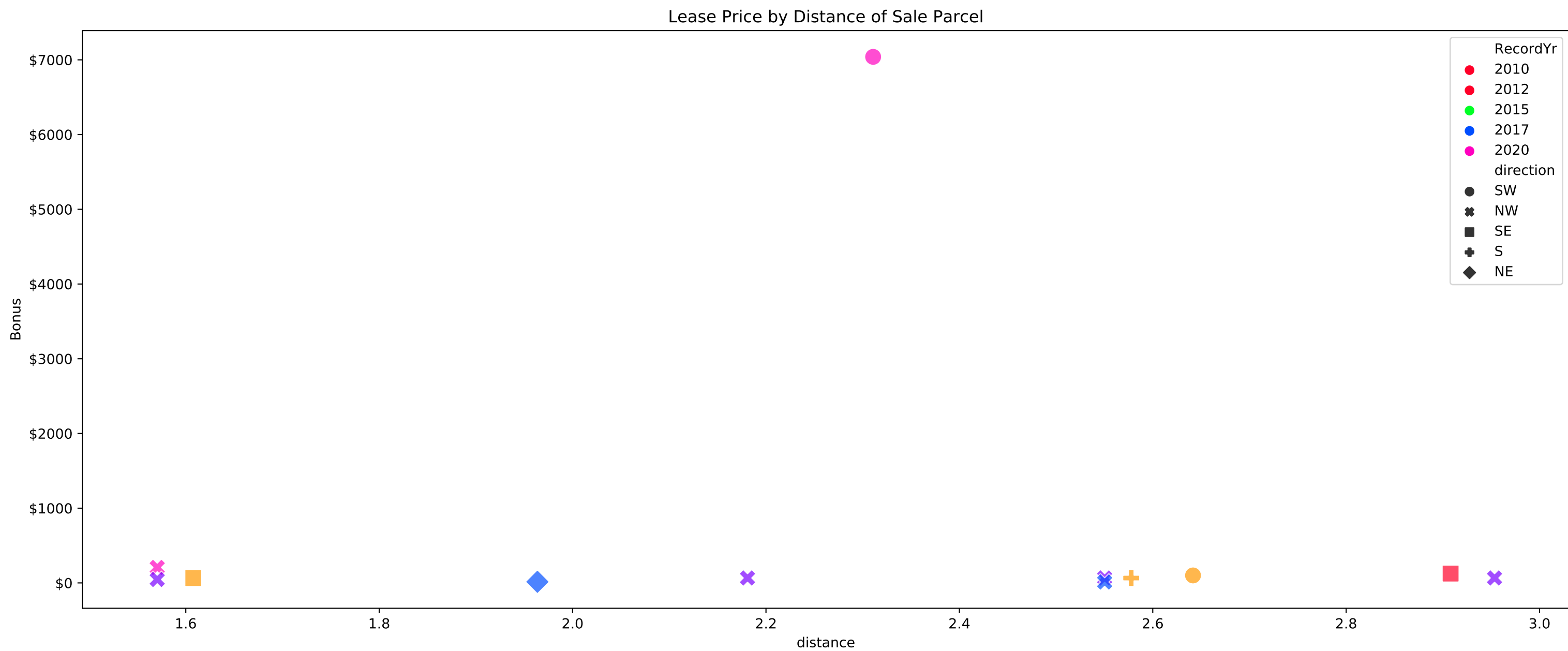
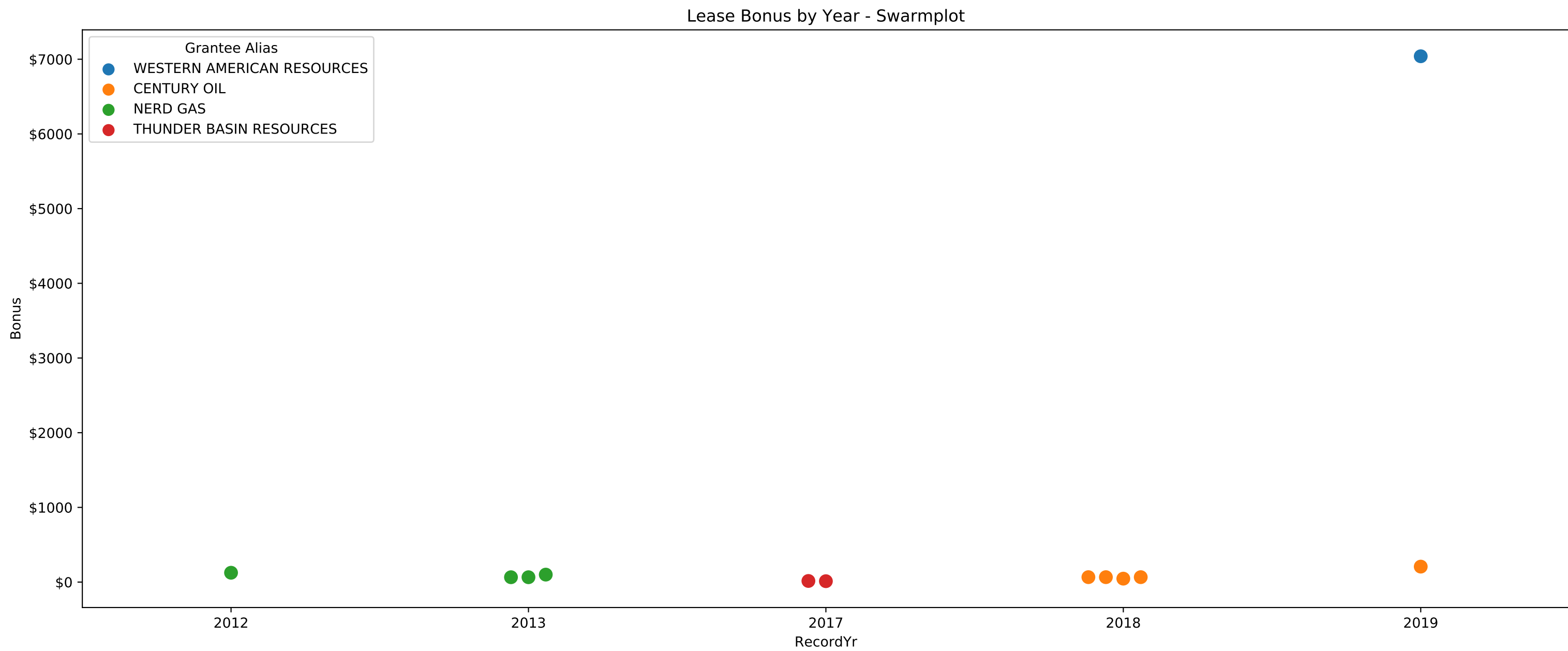


Status of Wells

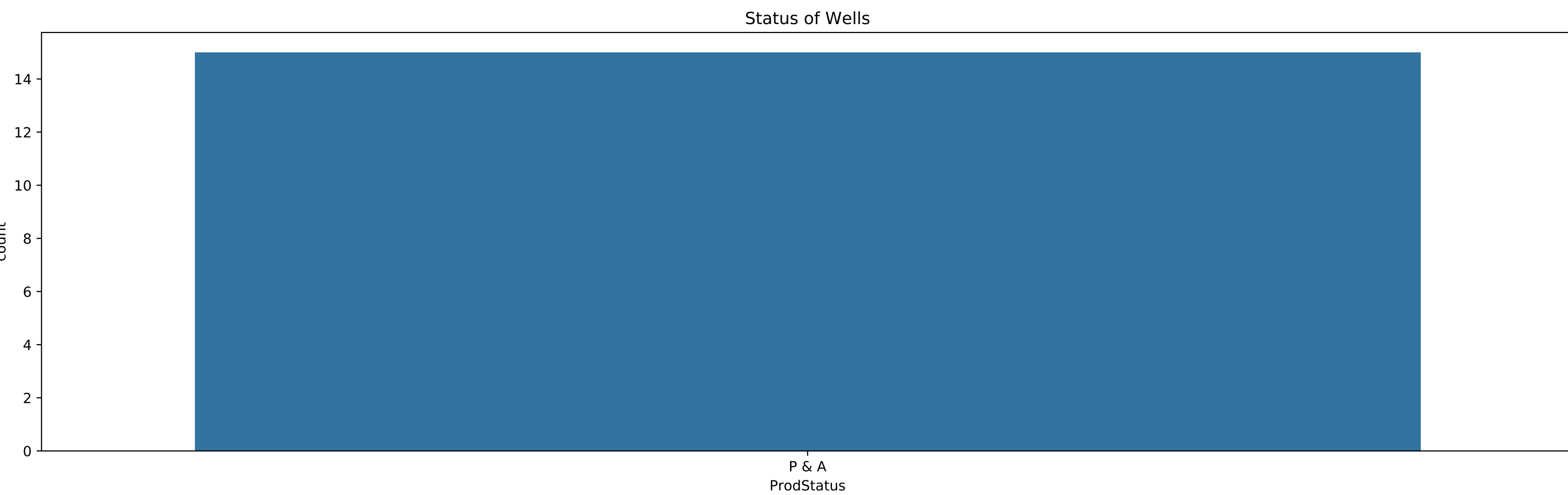
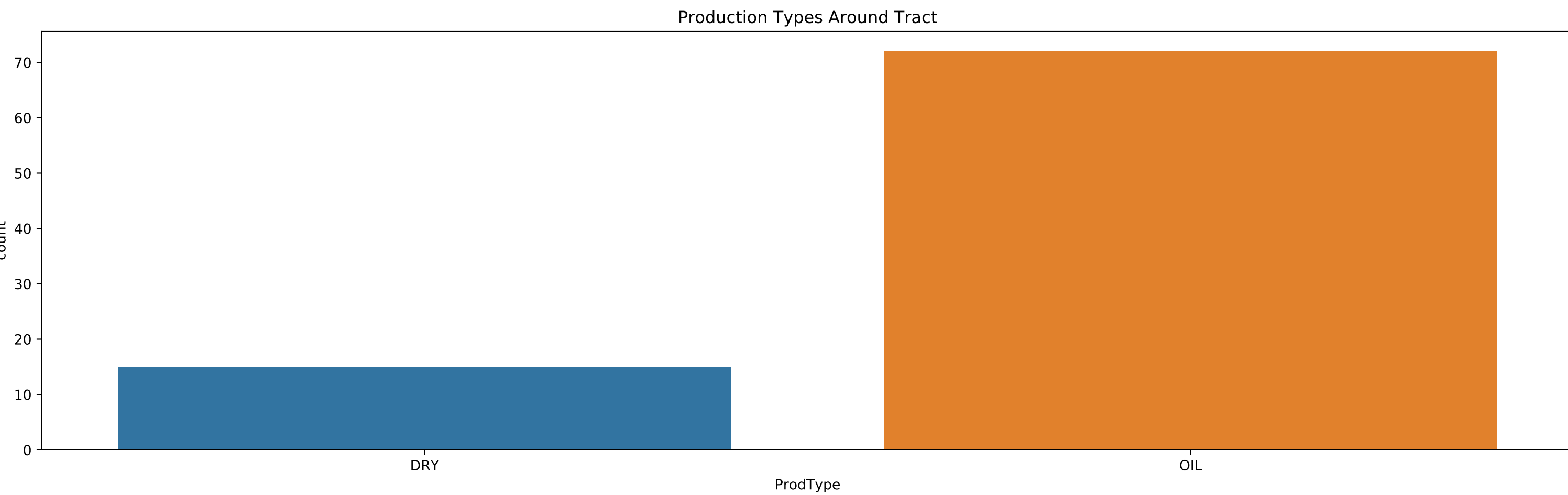
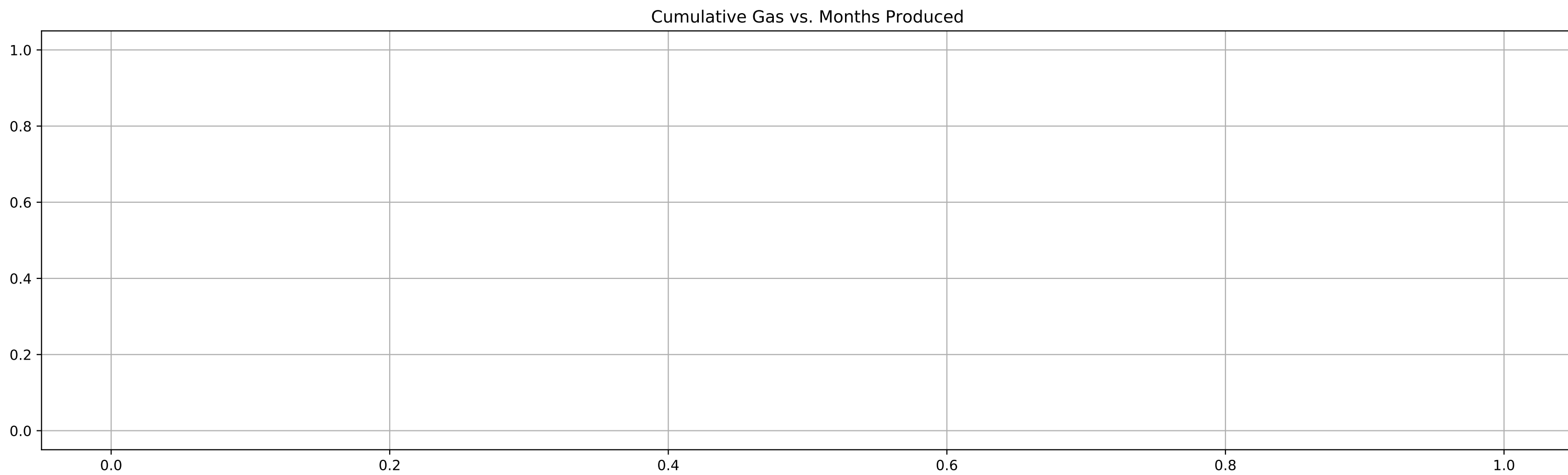
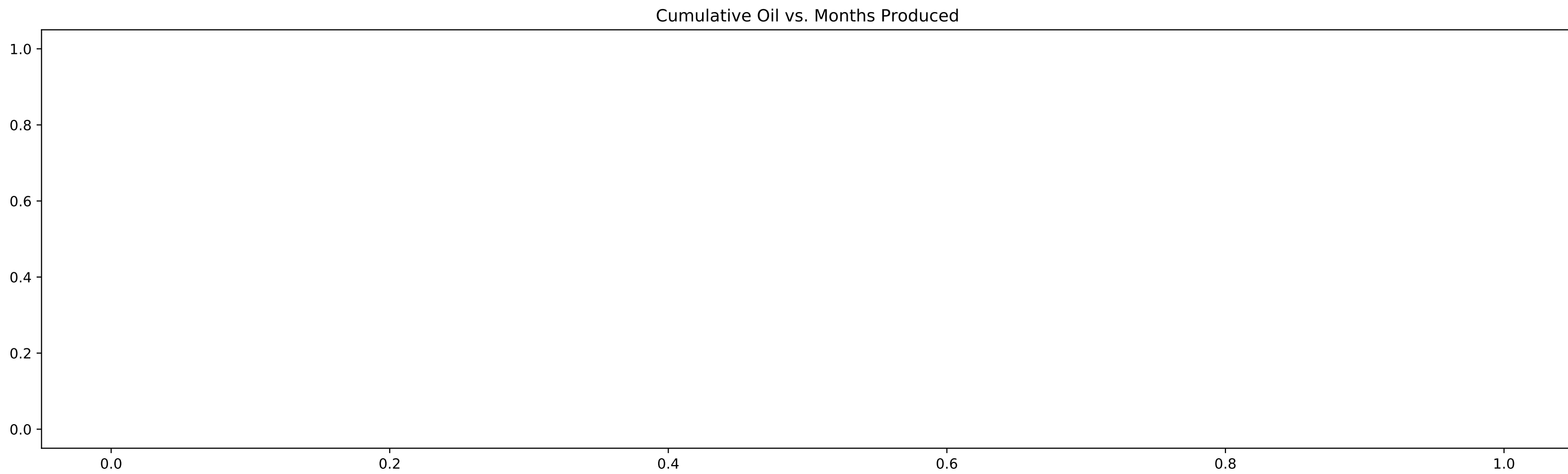




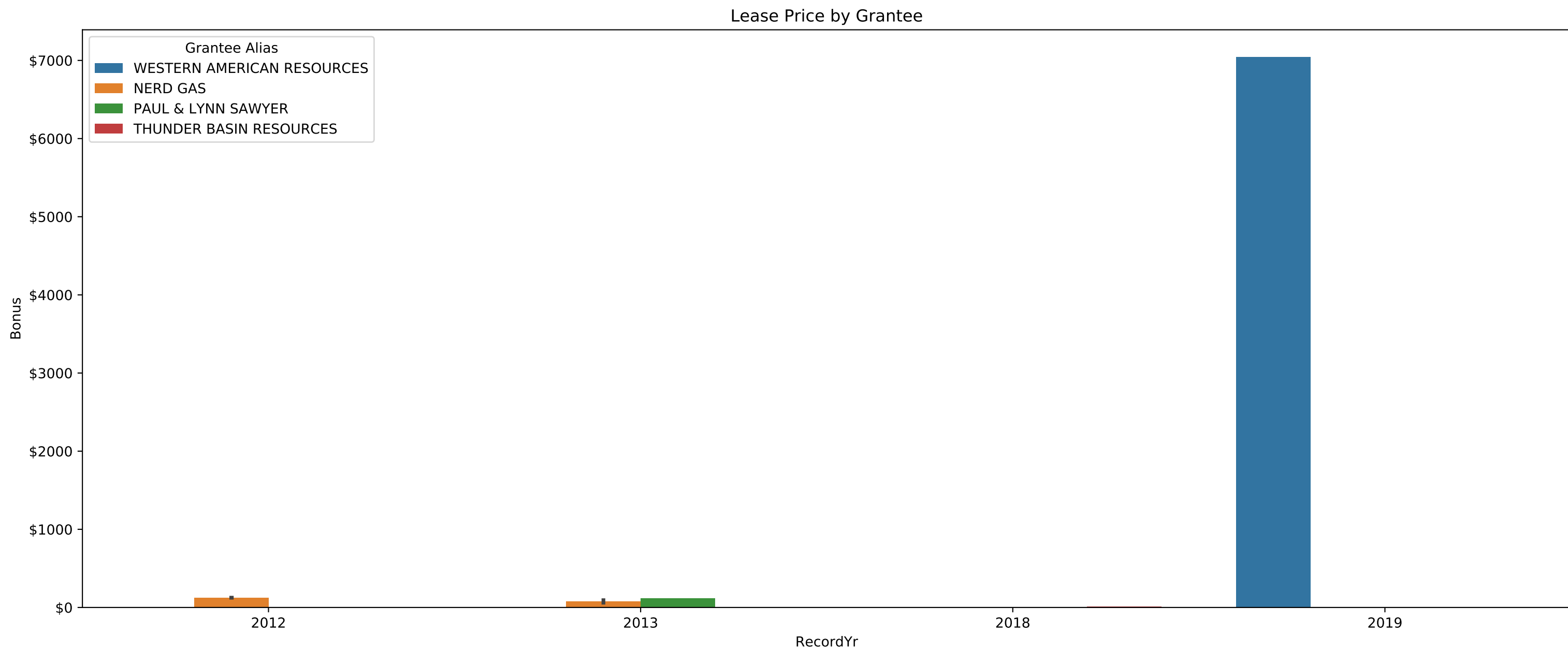
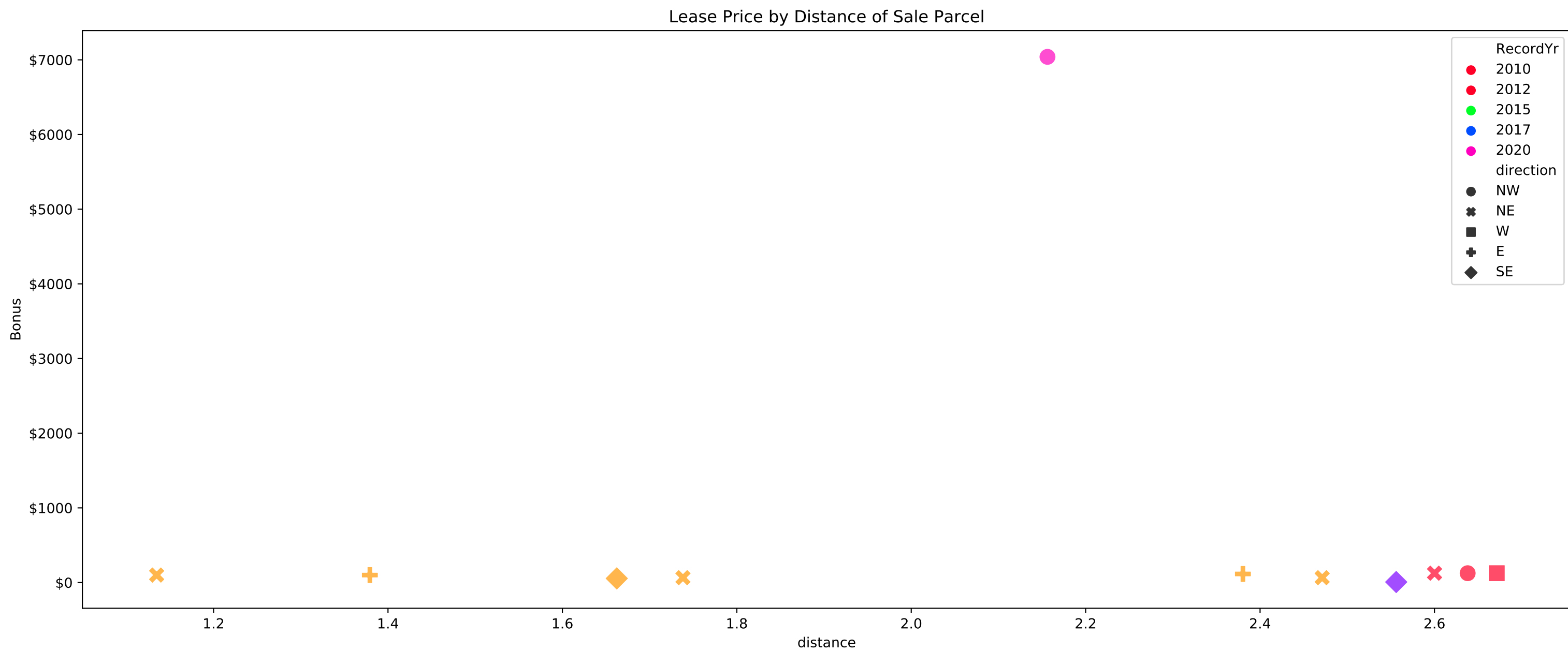
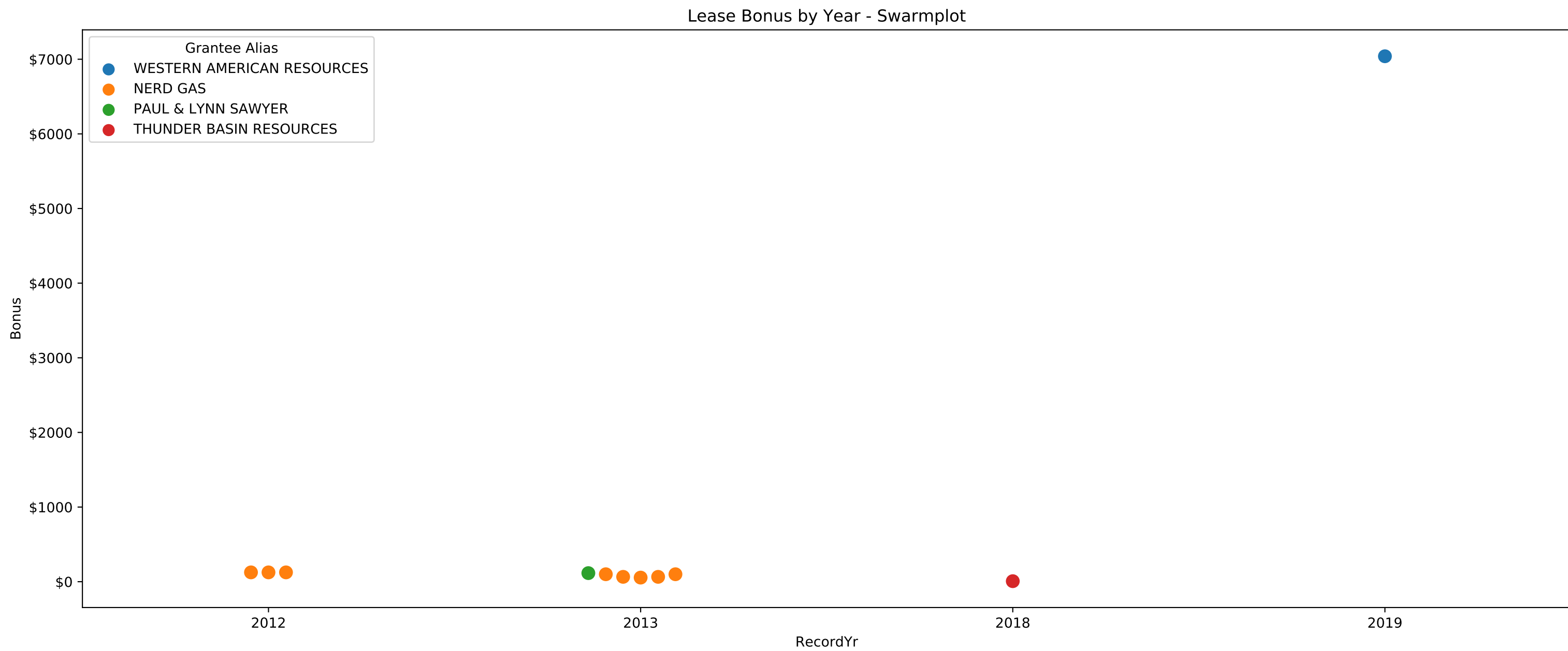
Lease Summary for tract 1  
Total Number of Leases: 12  
Average Price \$3624/acre in 2019



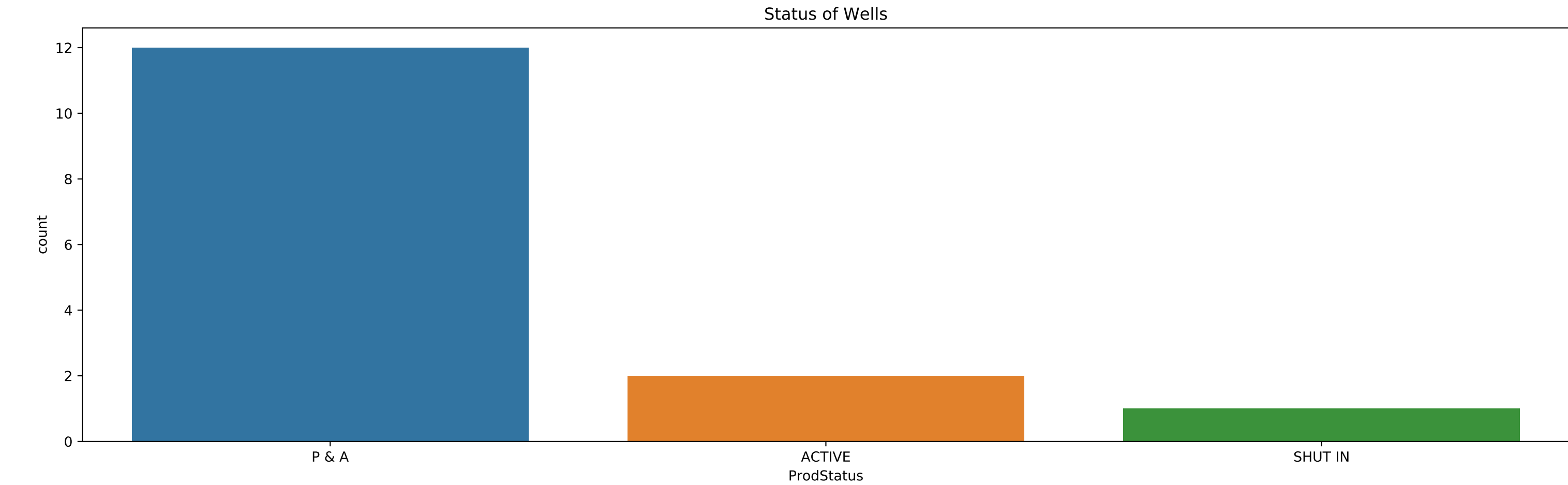
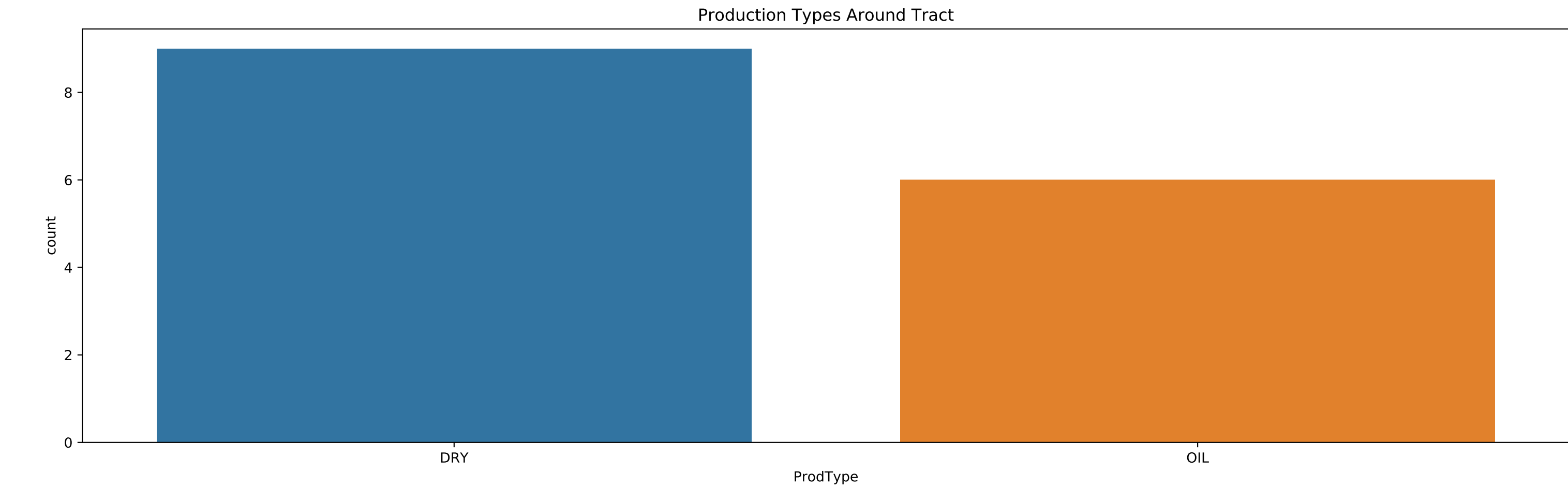
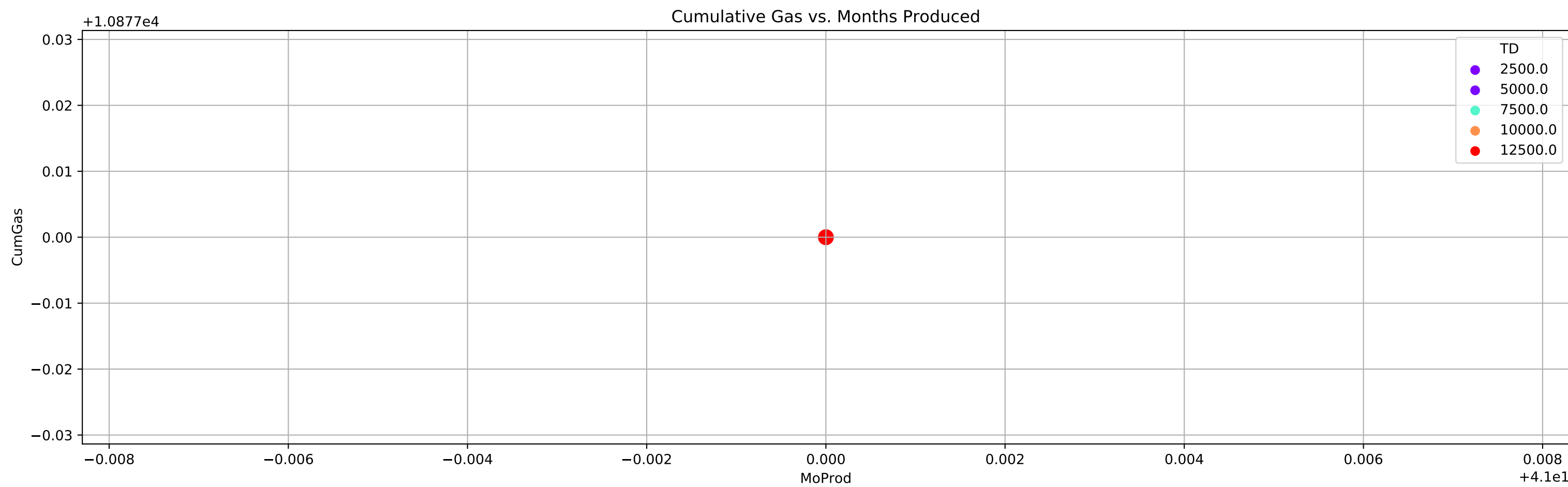
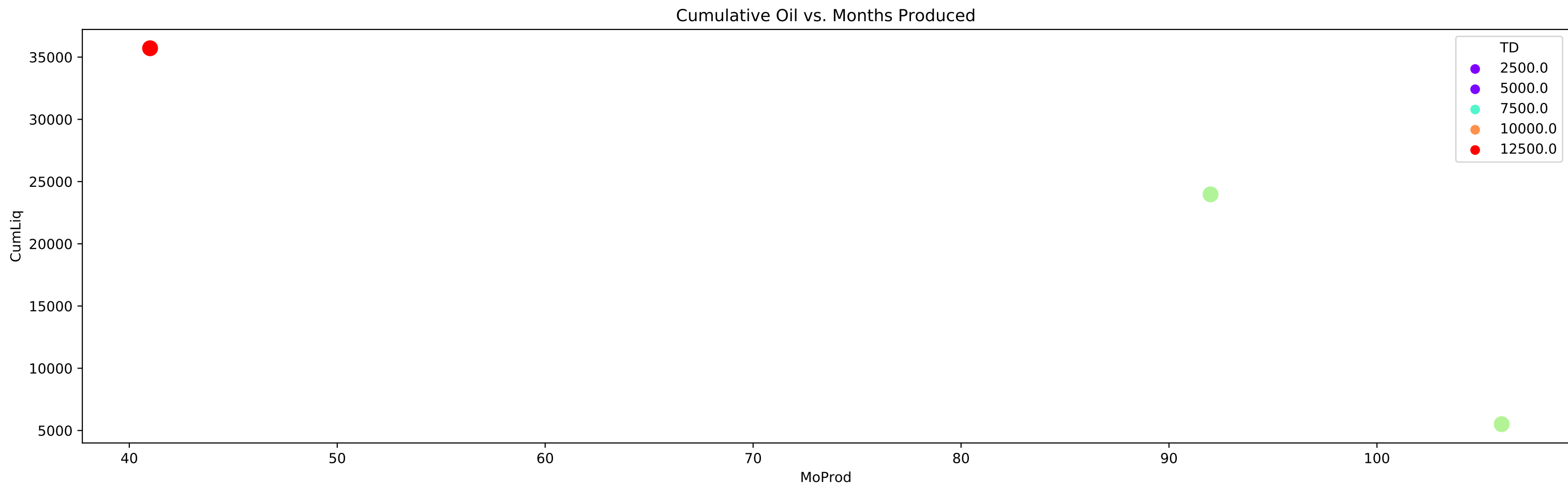
# Old Production Outside of Tract 1 - 3 Mi Radius



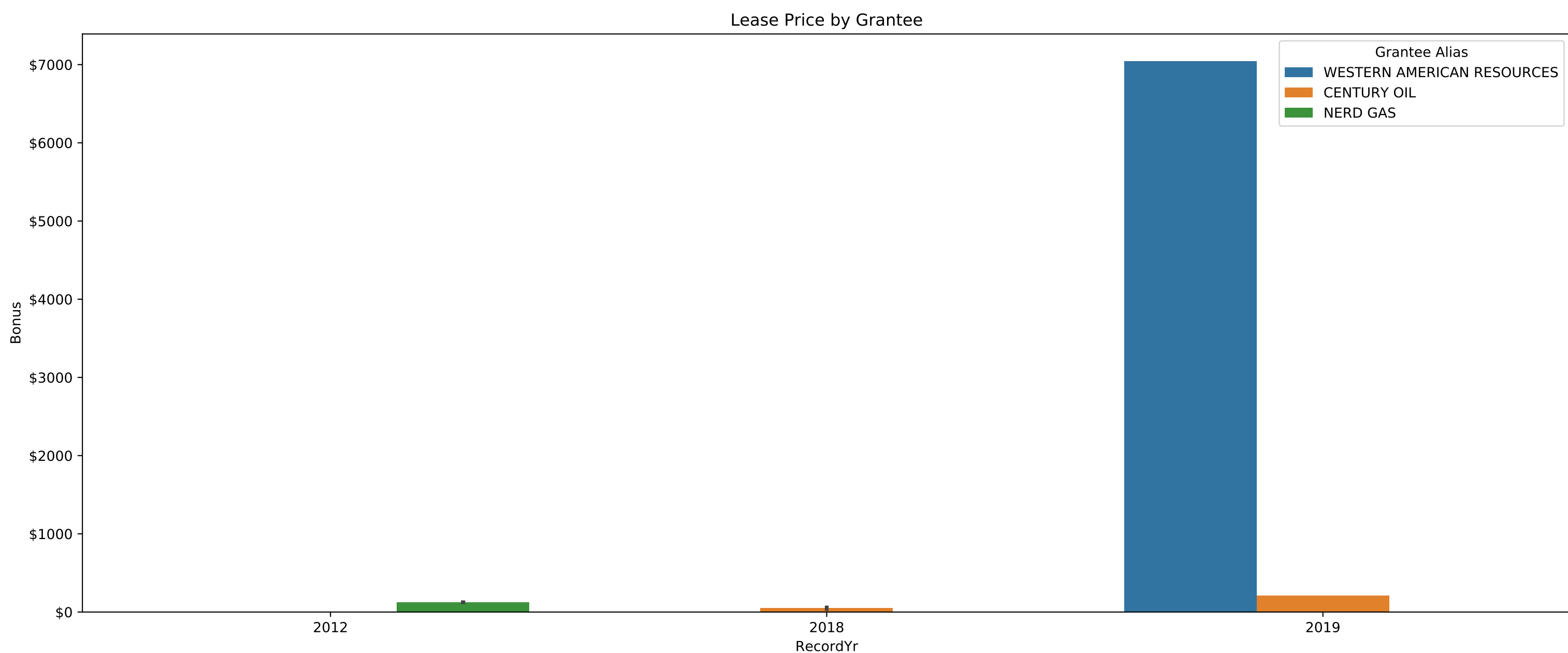
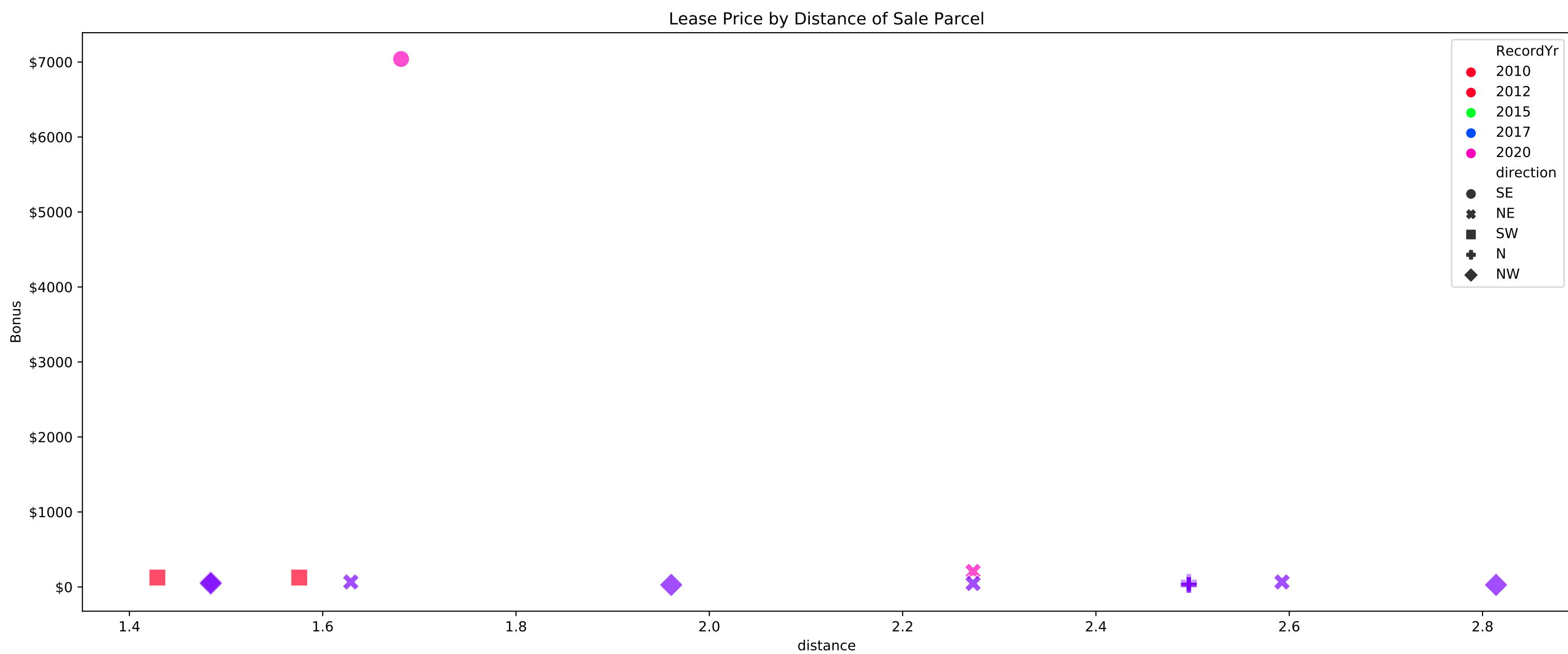
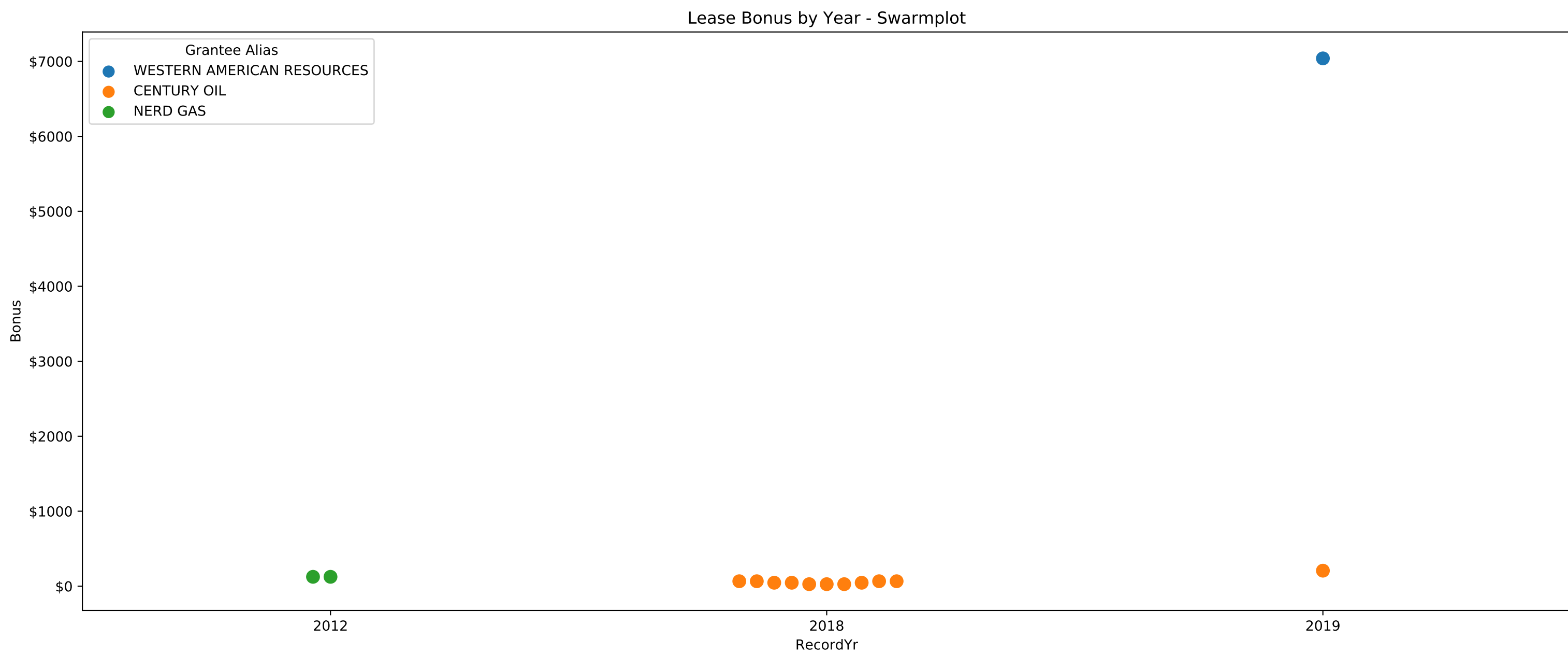
Lease Summary for tract 6  
Total Number of Leases: 11  
Average Price \$7040/acre in 2019



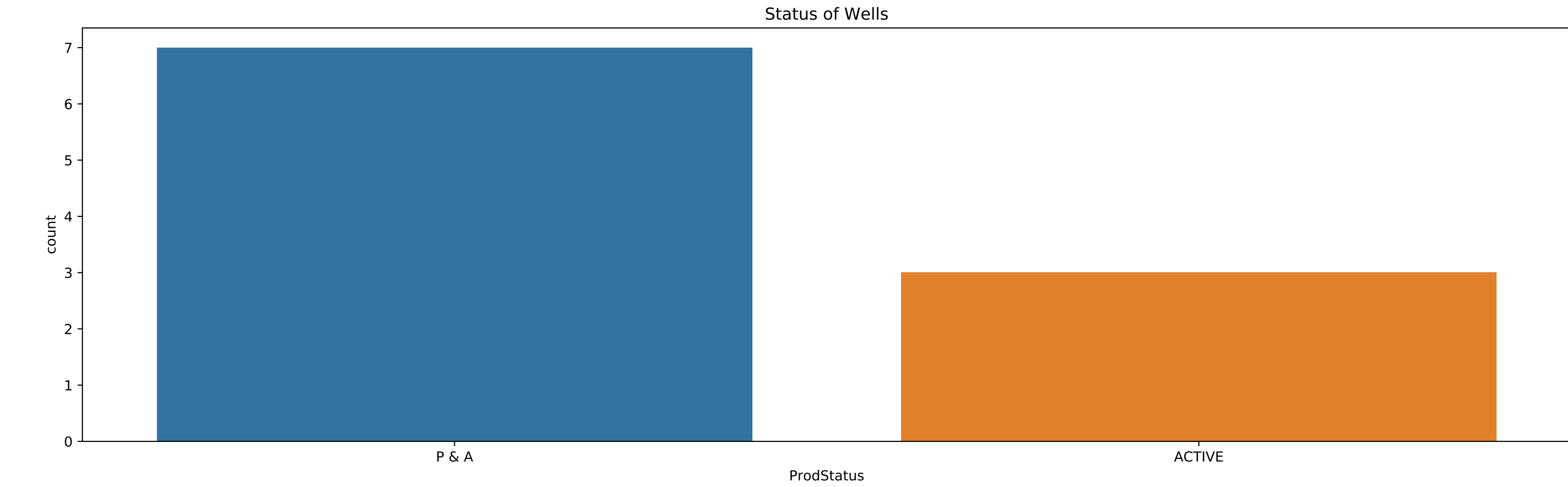
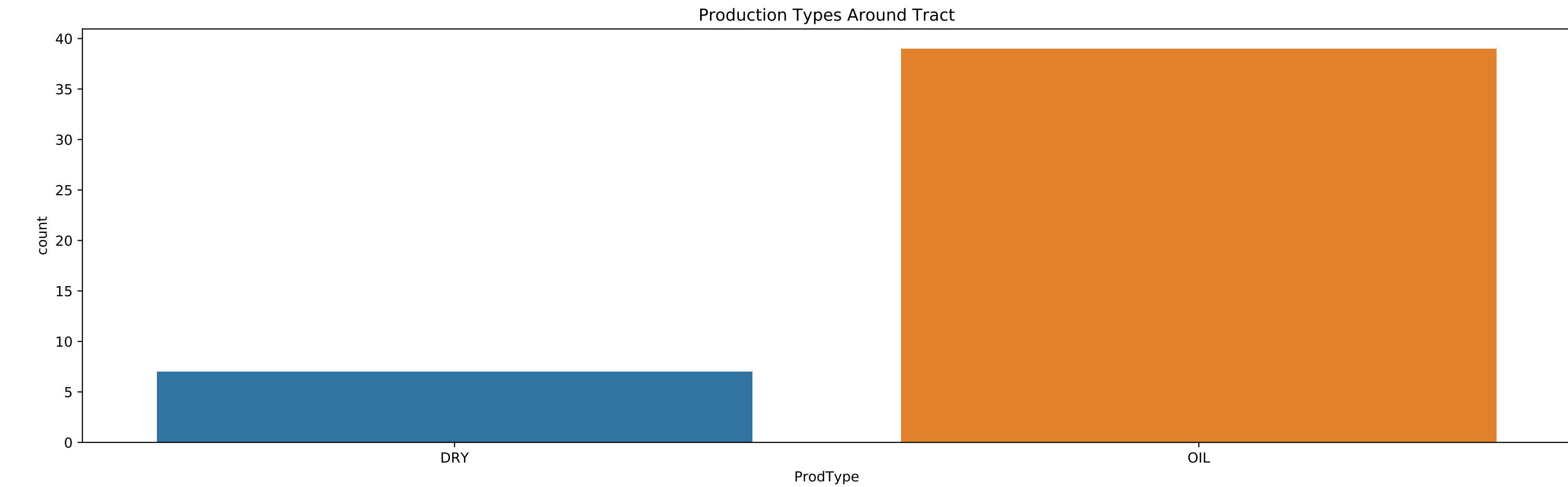
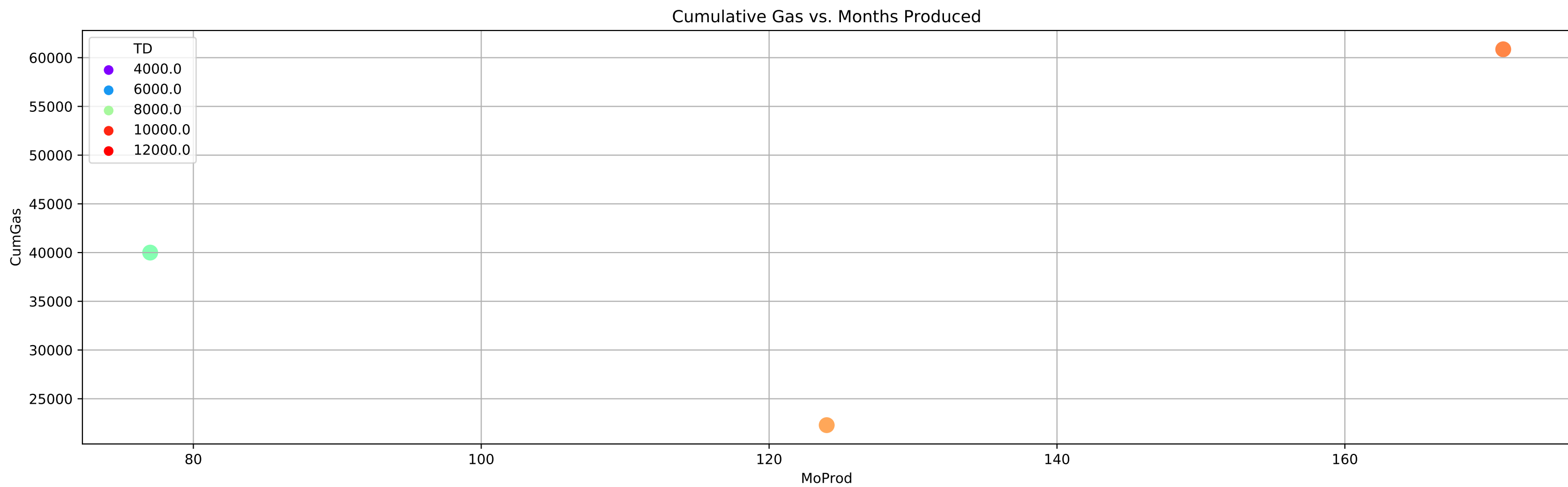
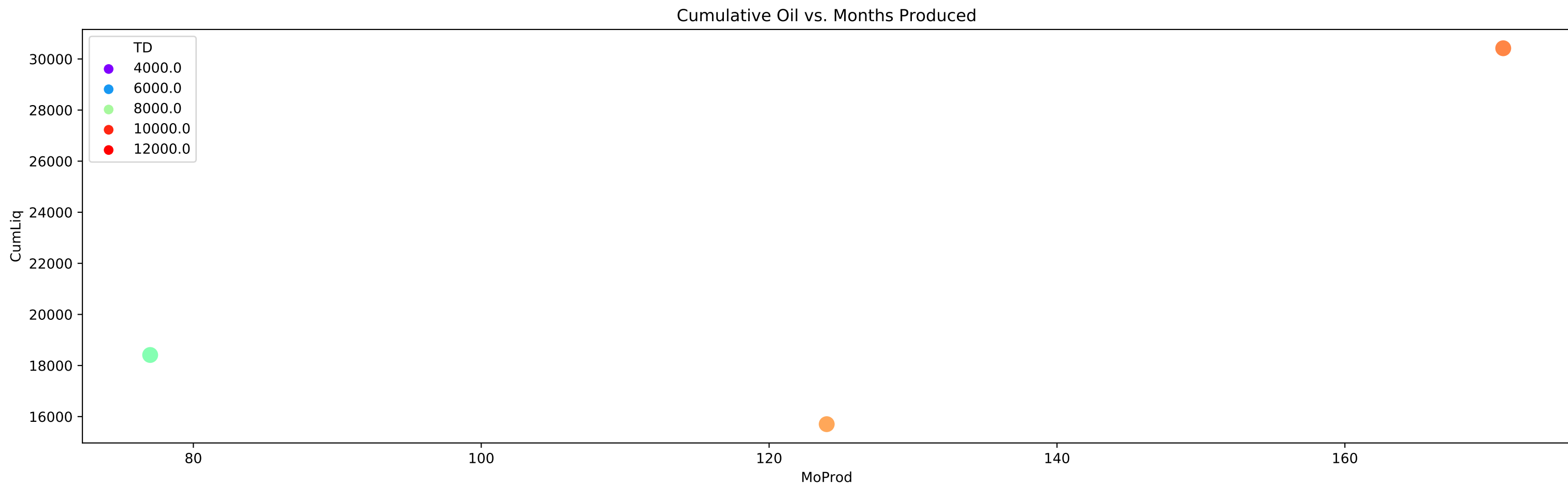
Old Production Outside of Tract 6 - 3 Mi Radius



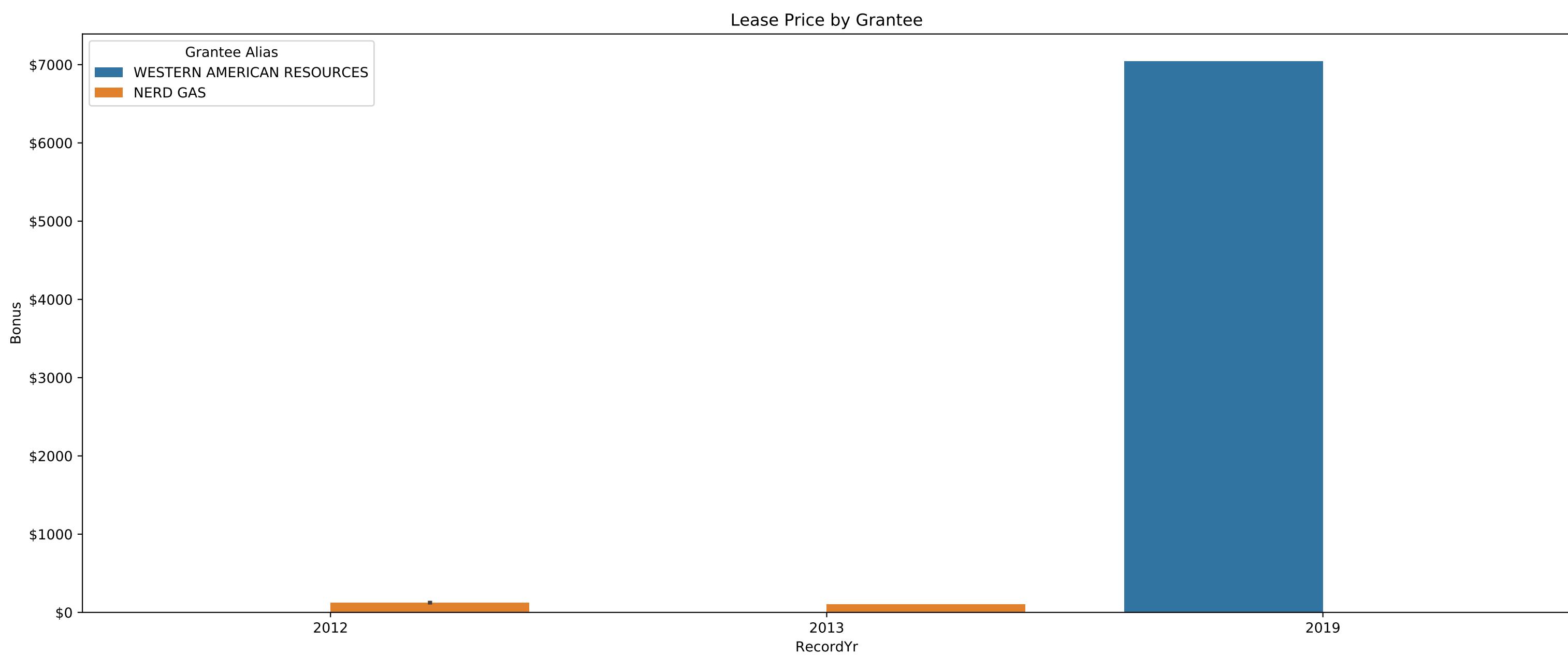
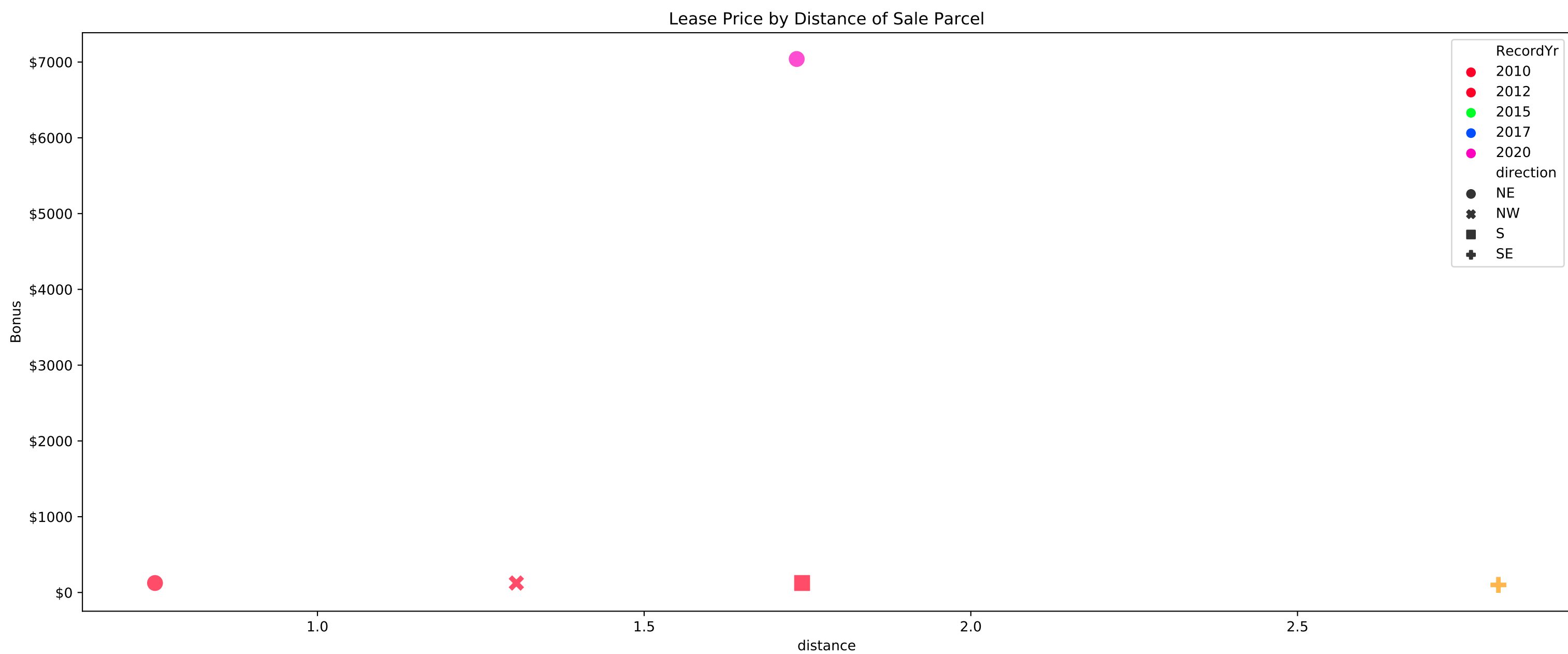
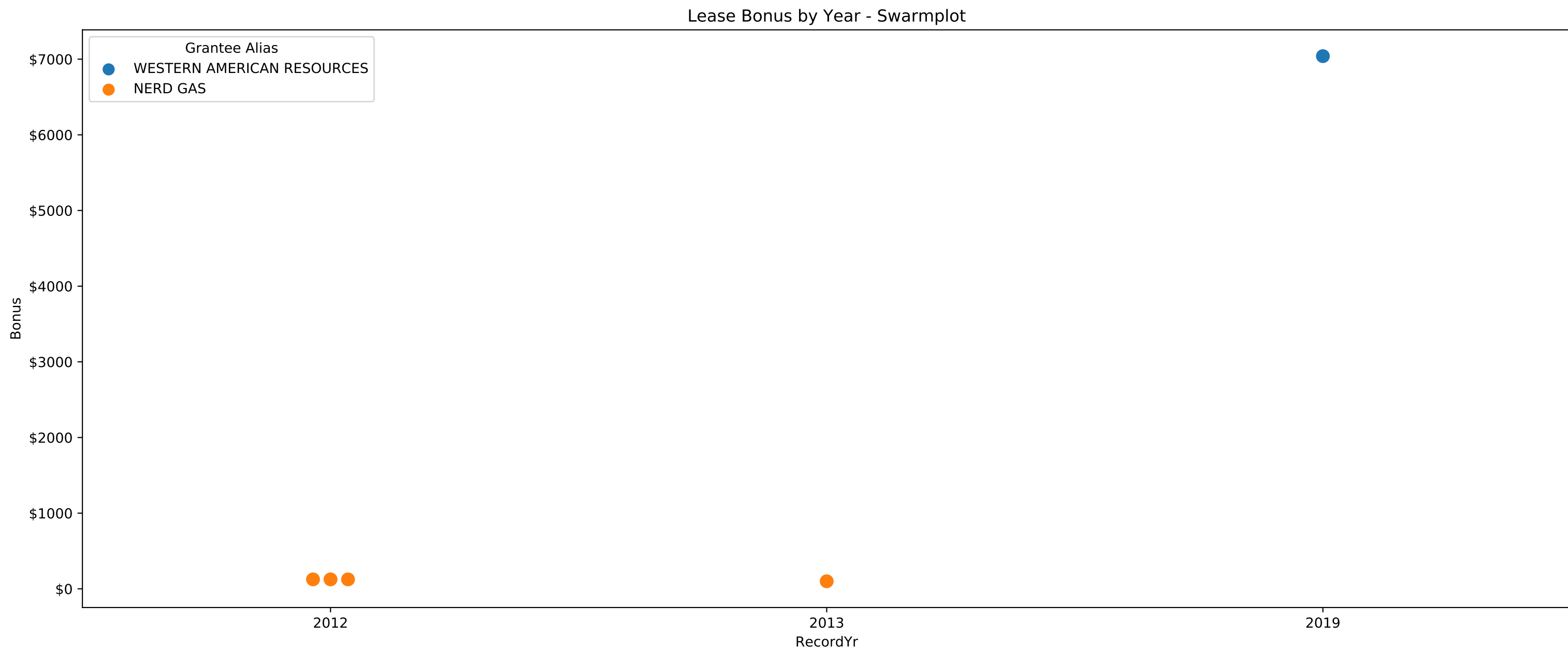
Lease Summary for tract 14  
Total Number of Leases: 14  
Average Price \$3624/acre in 2019



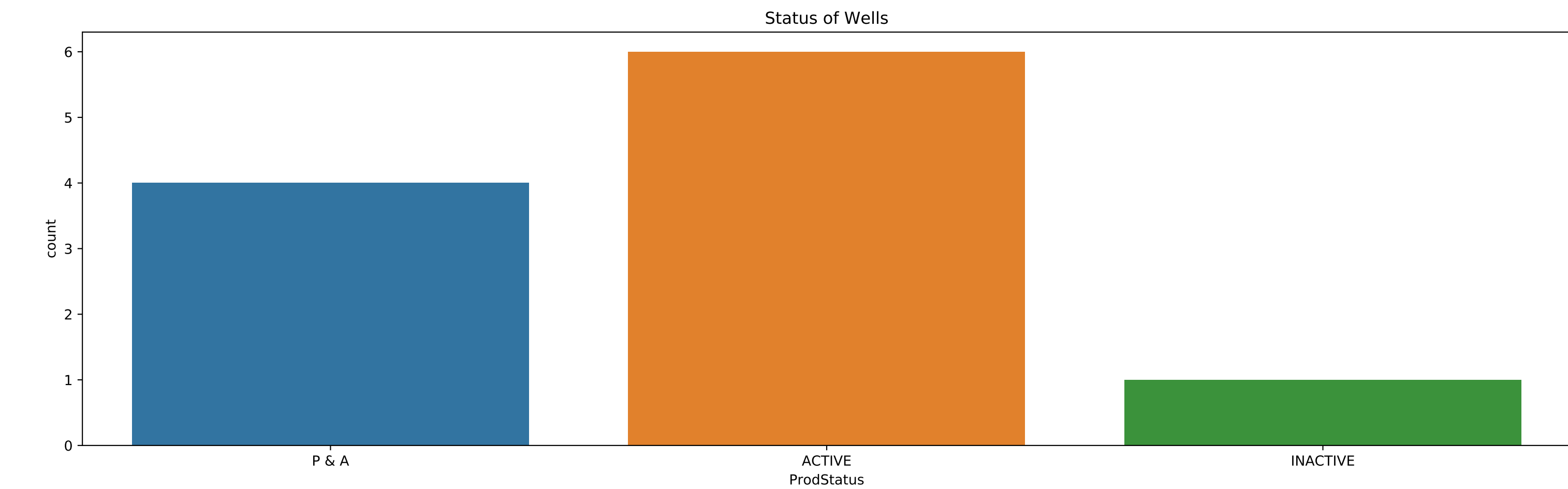
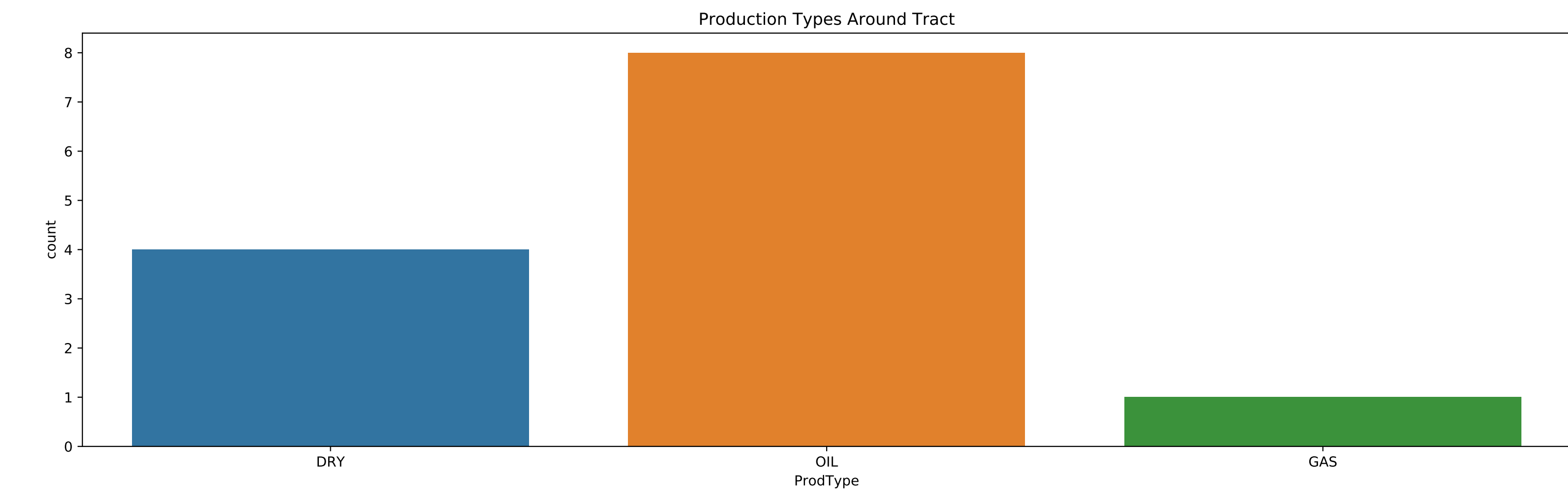
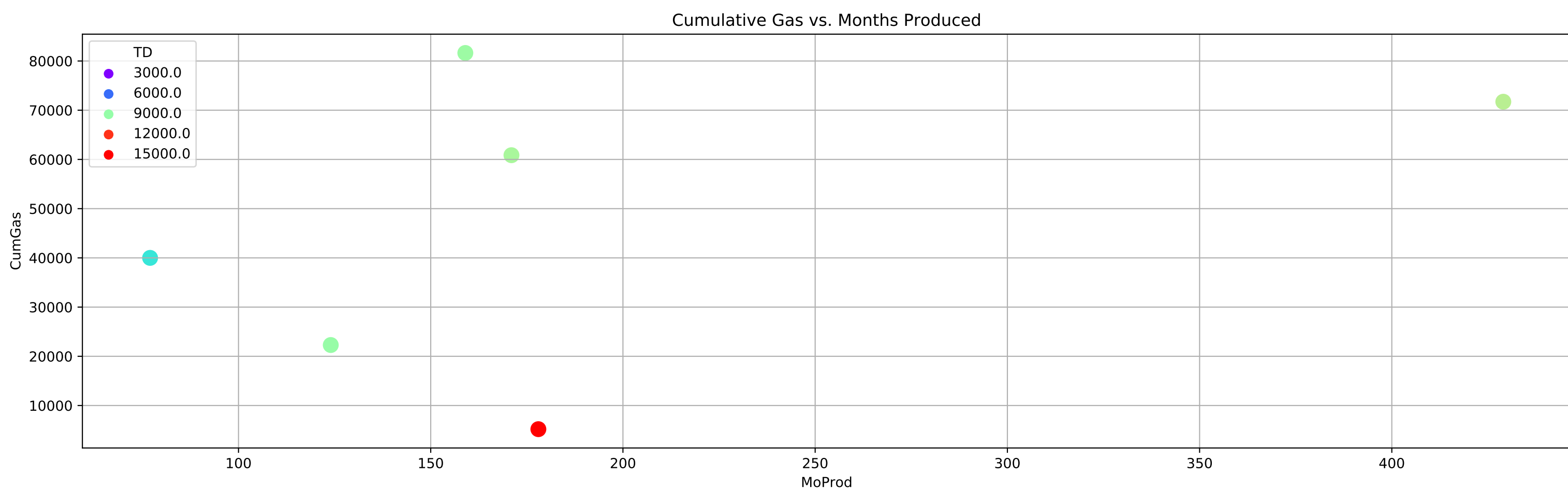
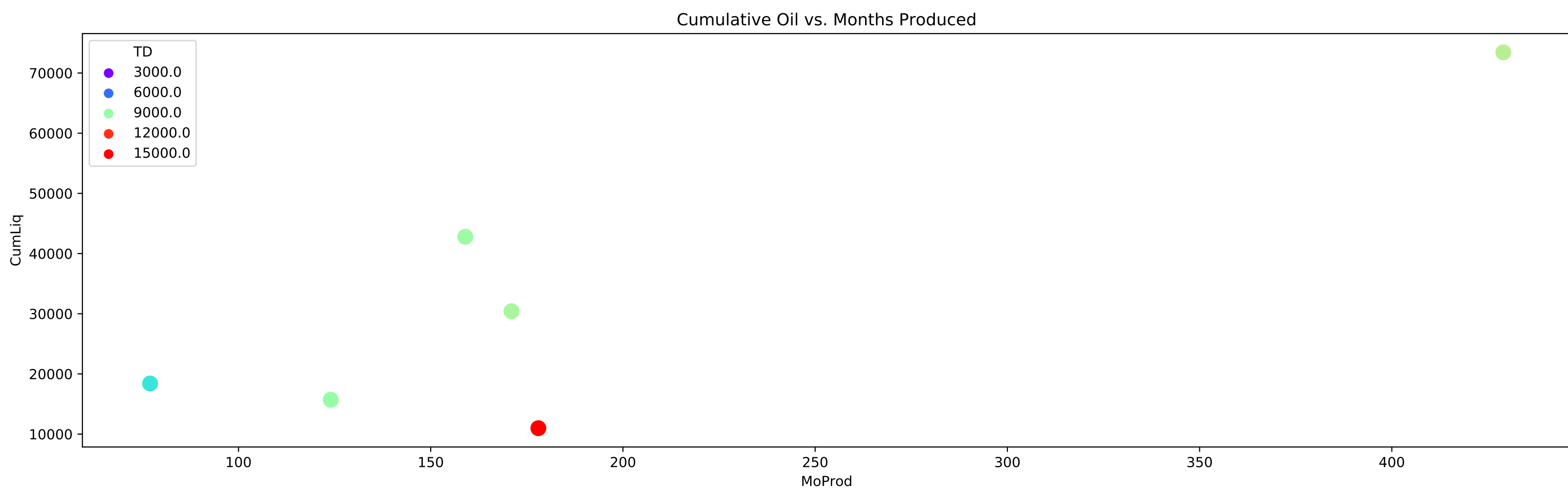
# Old Production Outside of Tract 14 - 3 Mi Radius



Lease Summary for tract 28  
Total Number of Leases: 5  
Average Price \$7040/acre in 2019

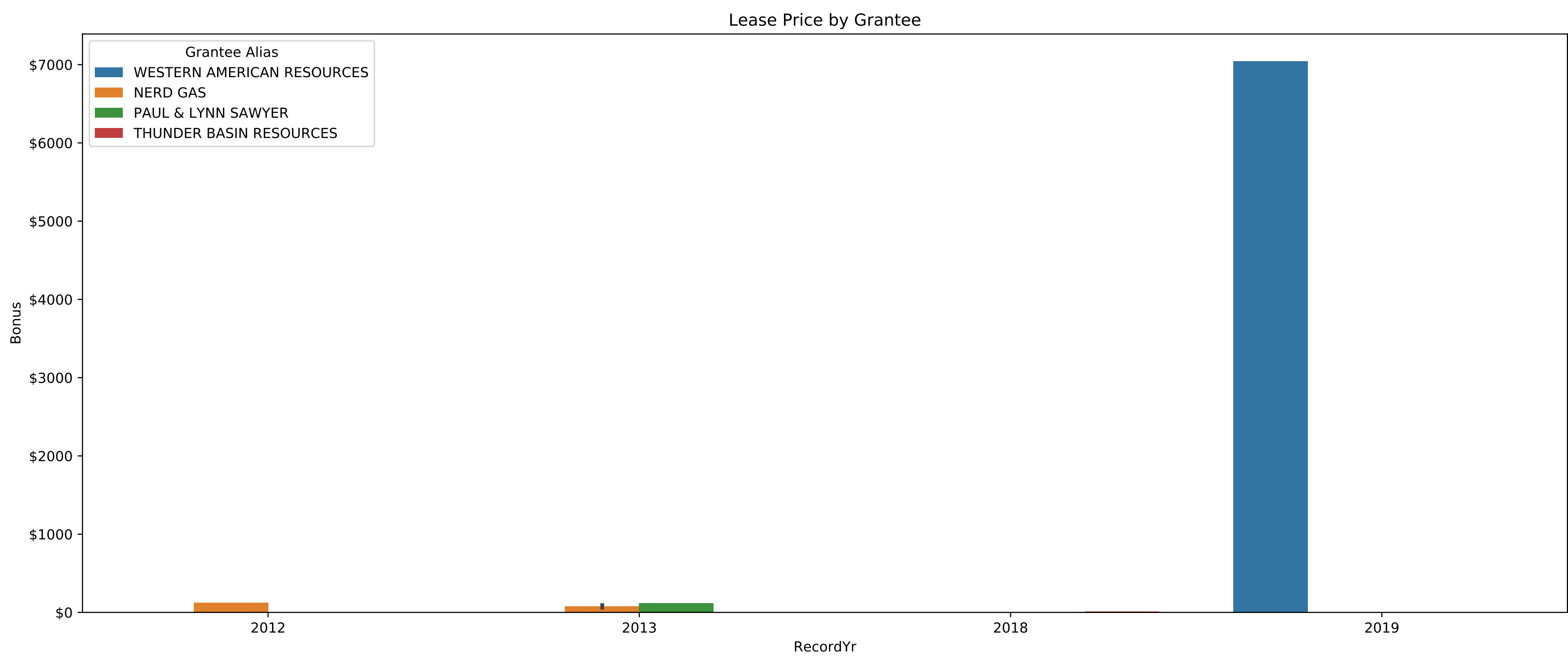
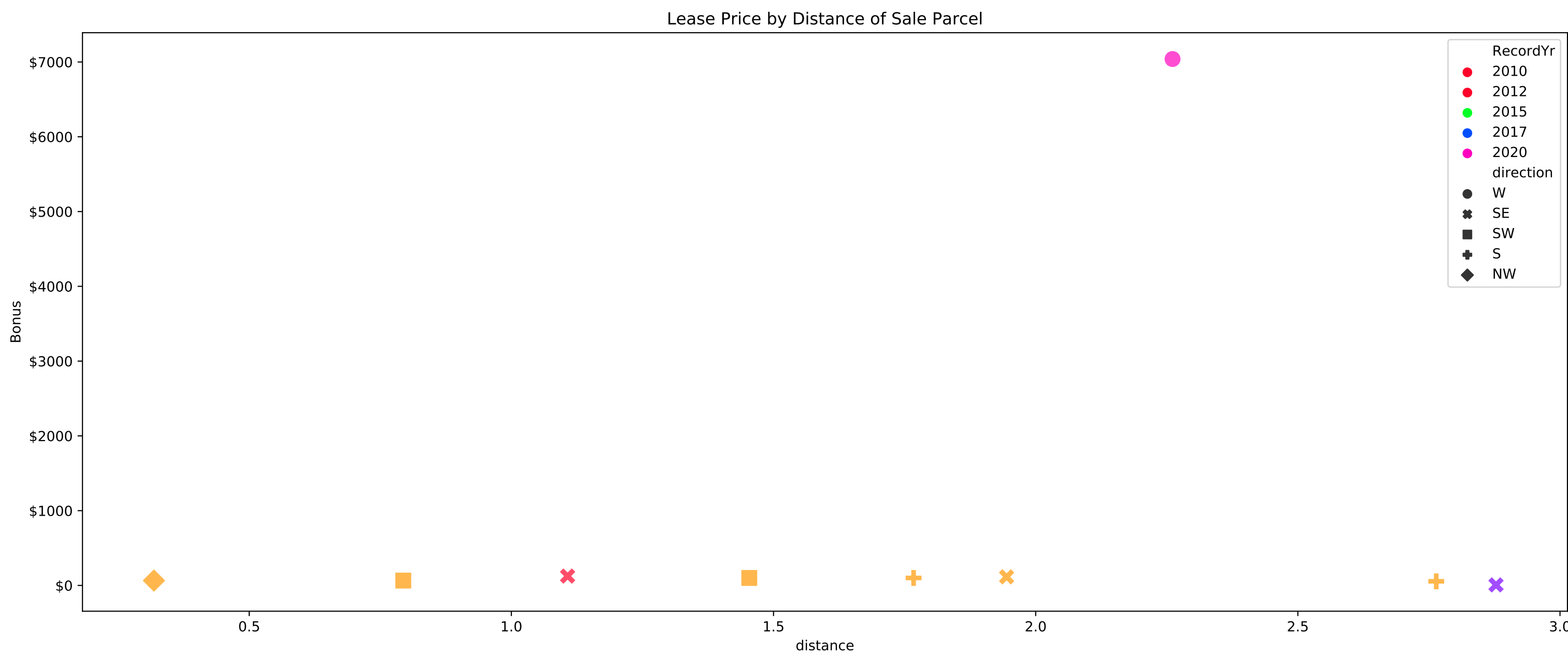
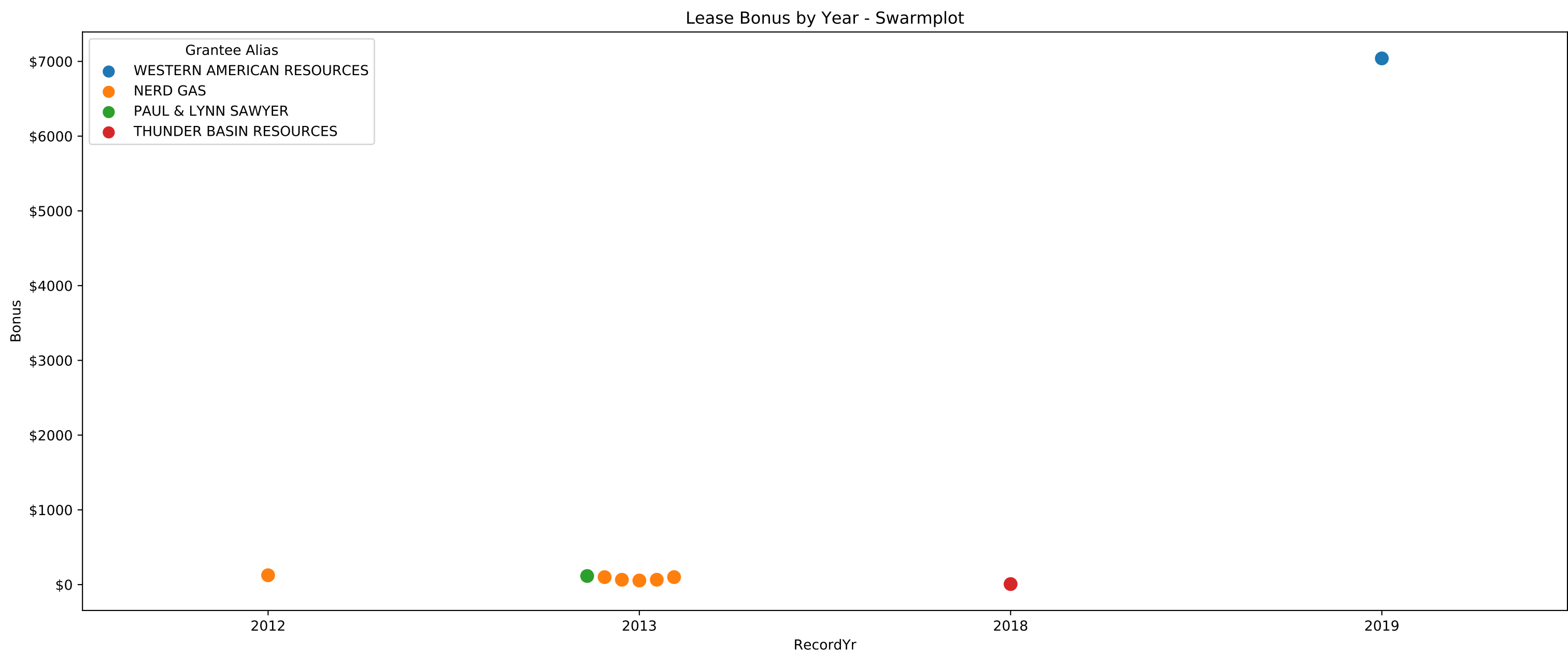


# Old Production Outside of Tract 28 - 3 Mi Radius

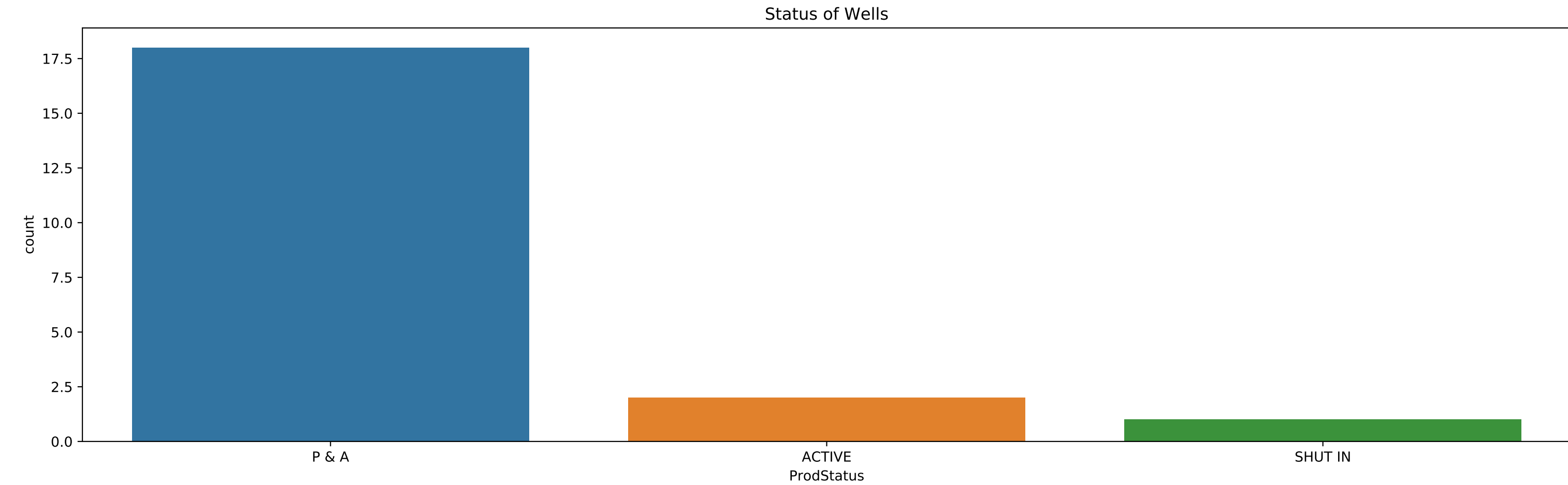
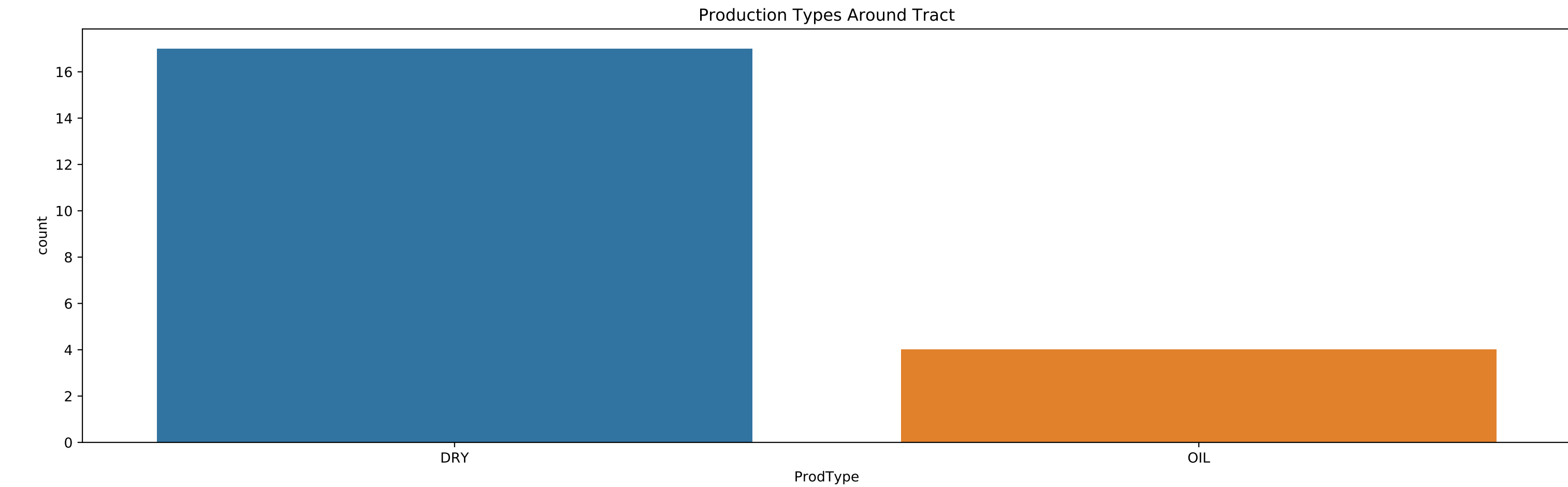
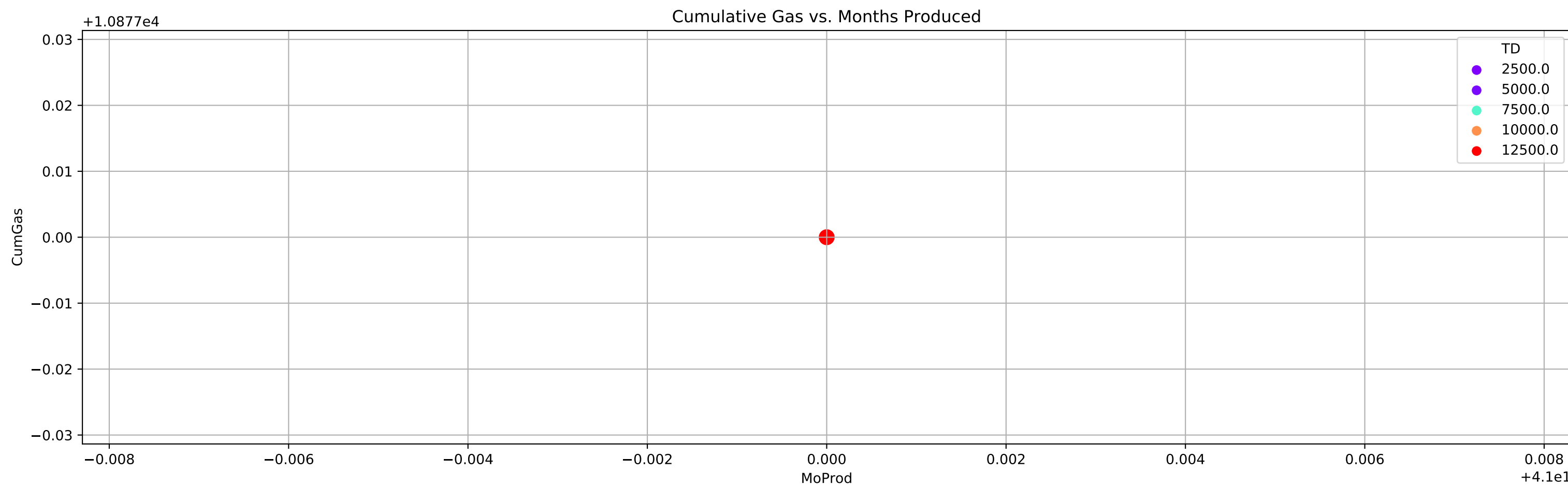
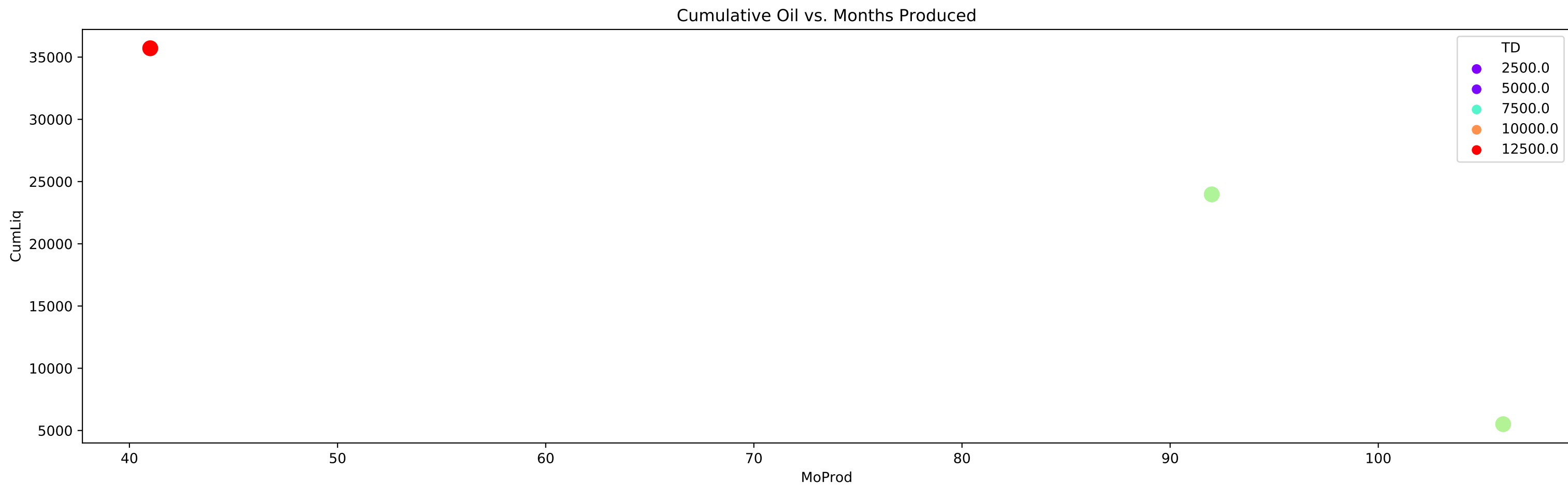




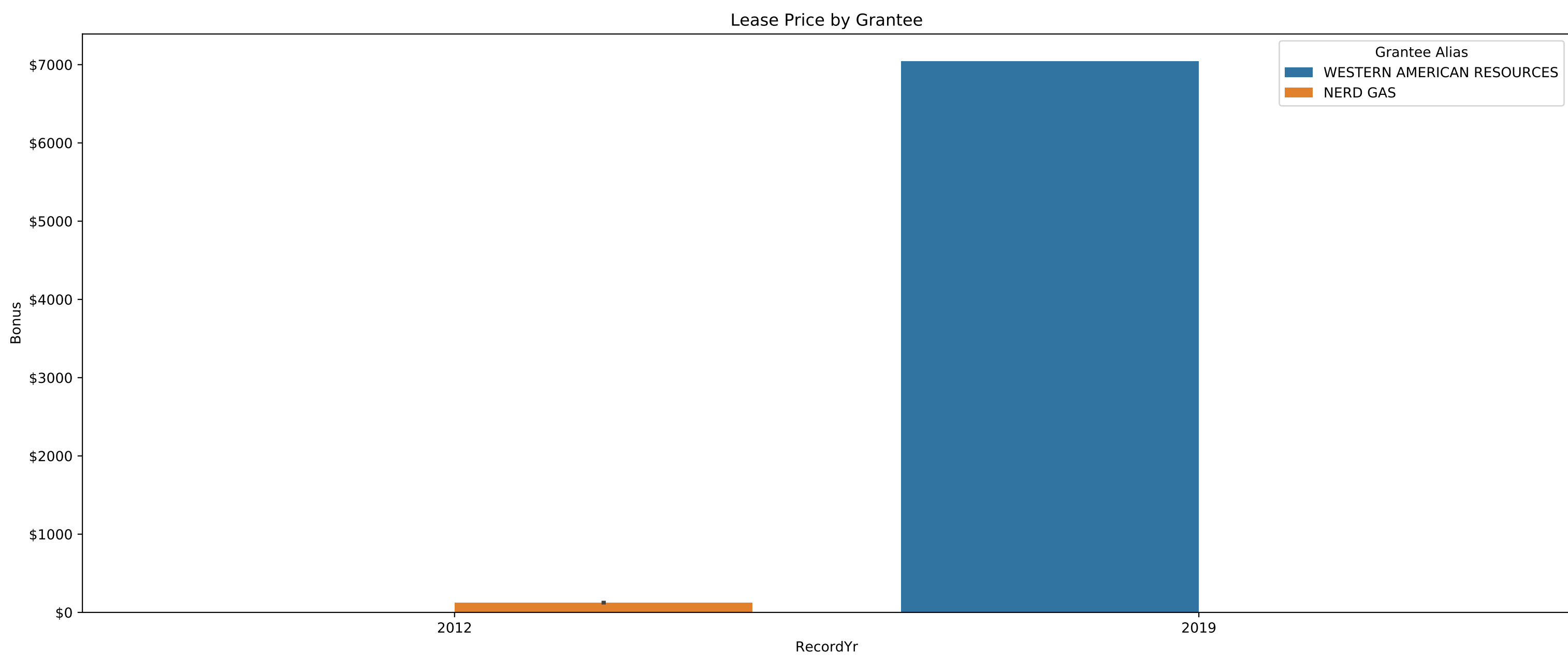
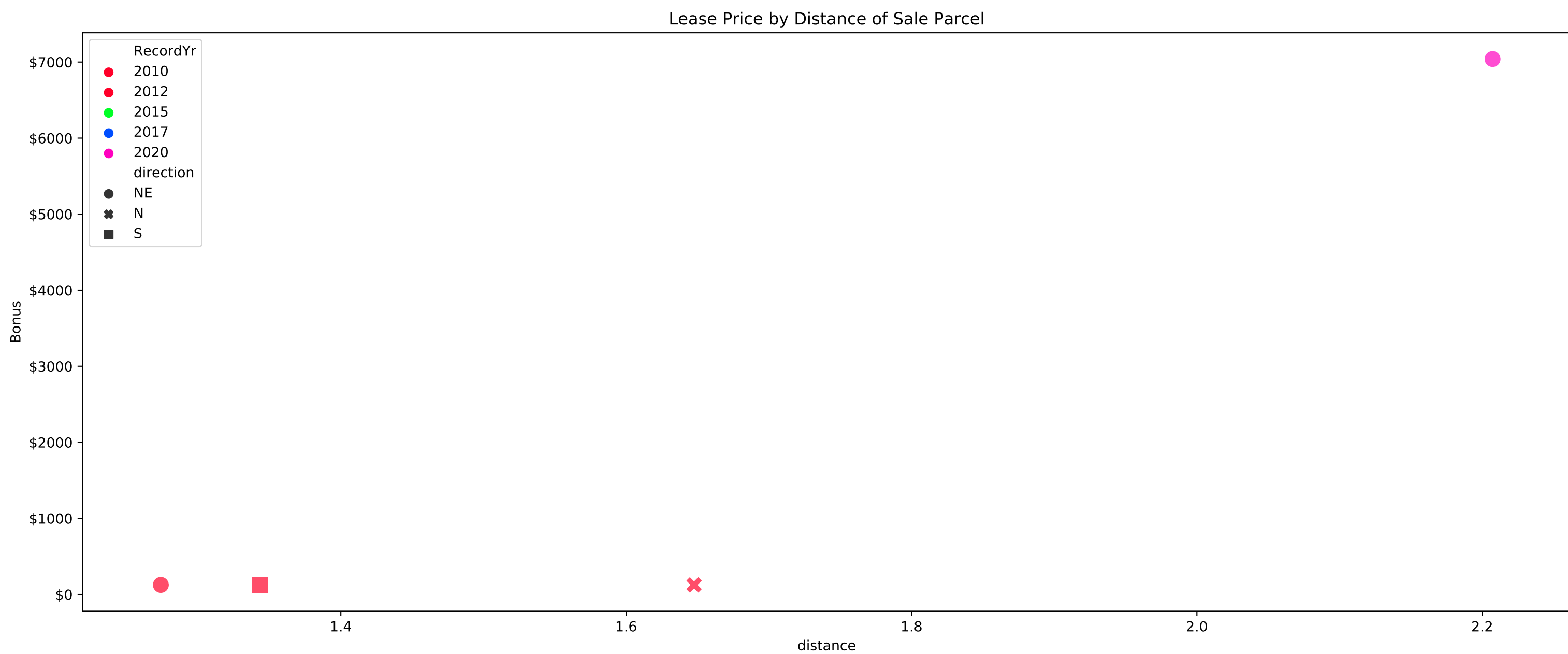
Lease Summary for tract 5  
Total Number of Leases: 9  
Average Price \$7040/acre in 2019



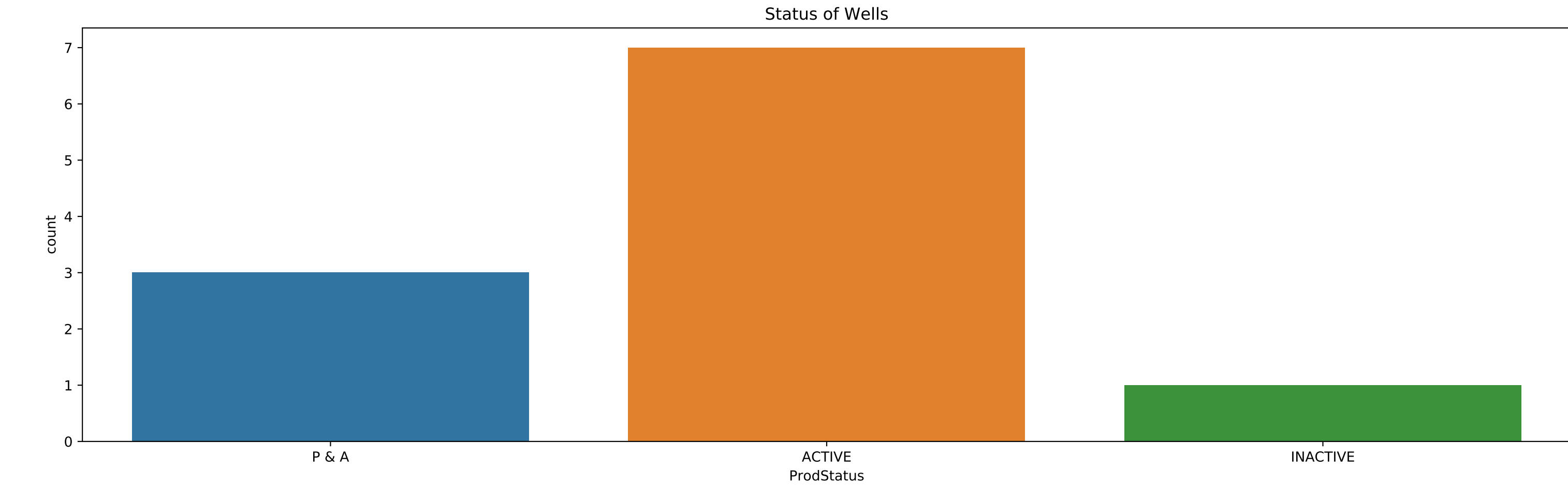
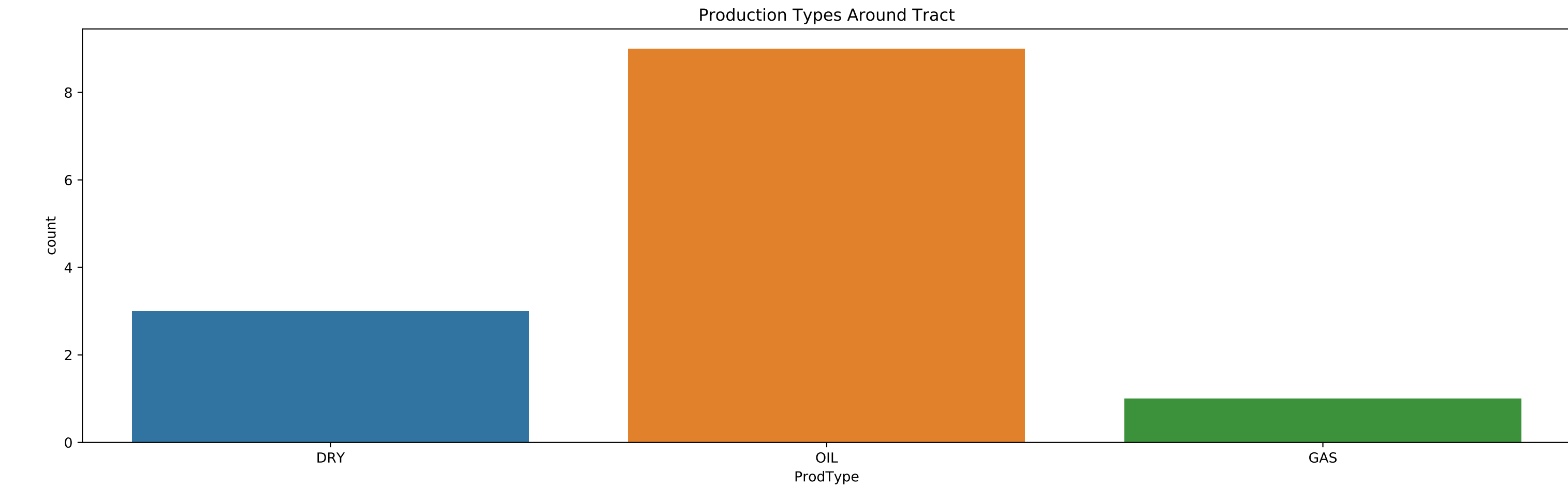
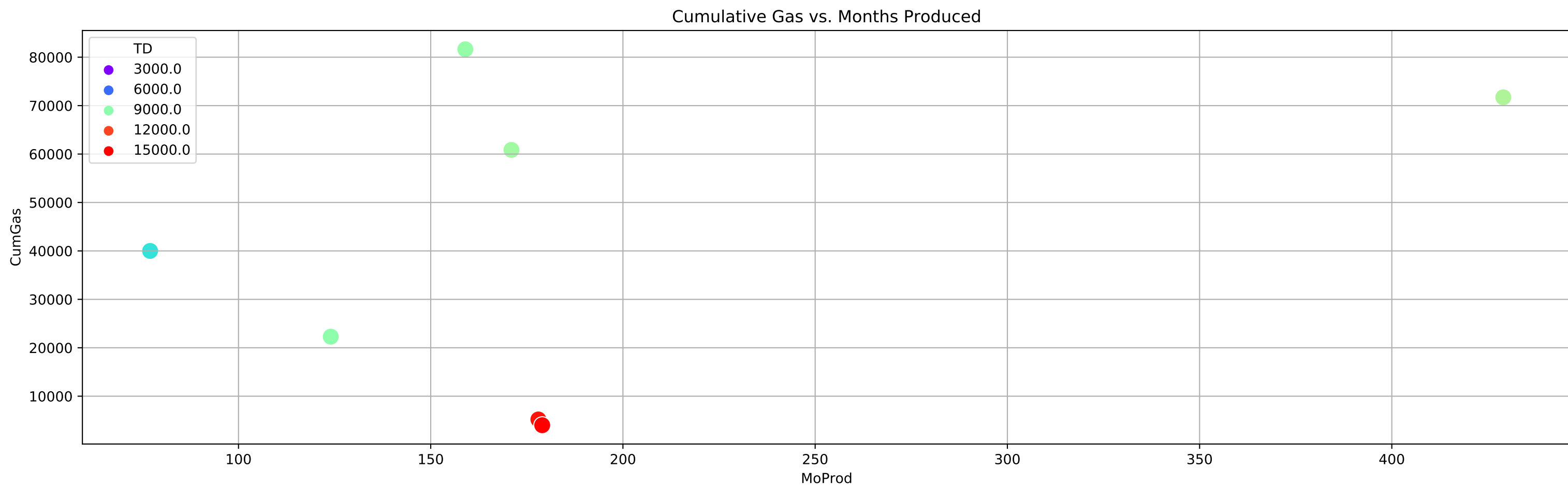
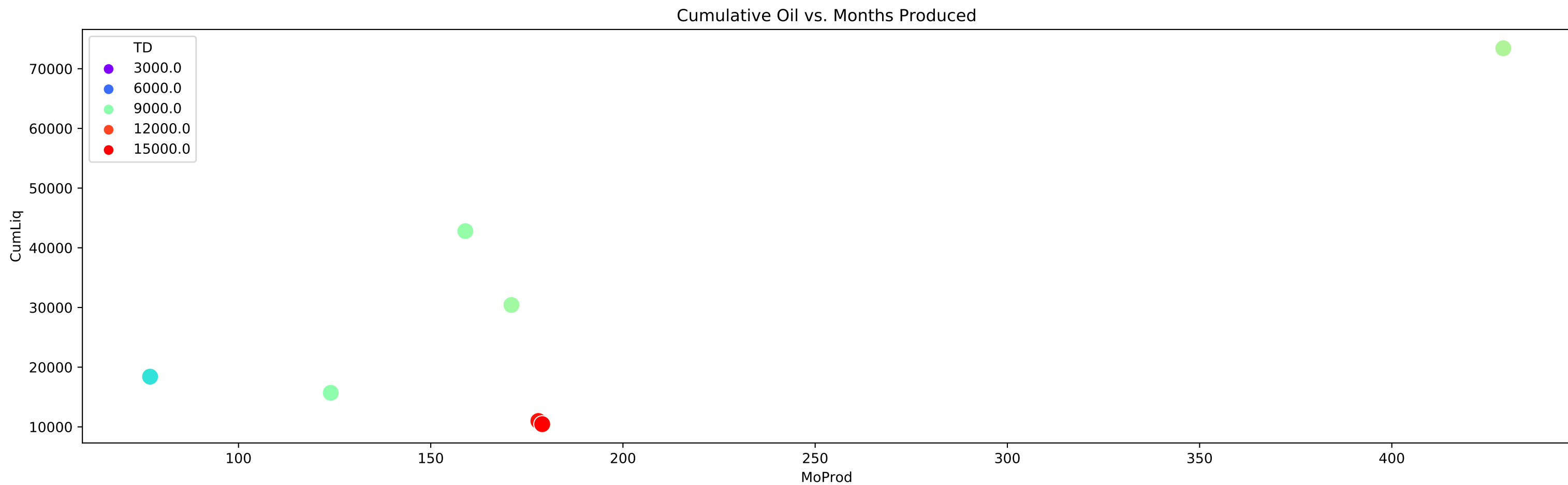
# Old Production Outside of Tract 5 - 3 Mi Radius



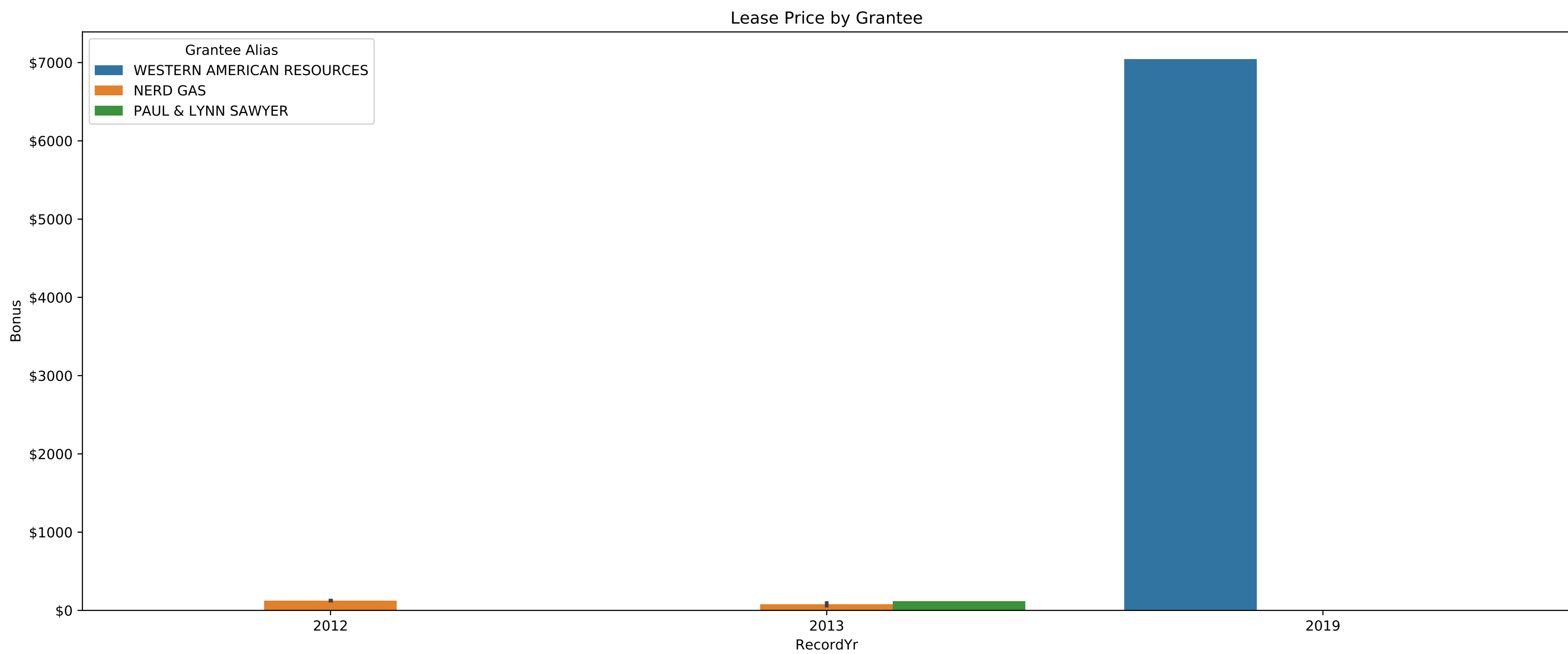
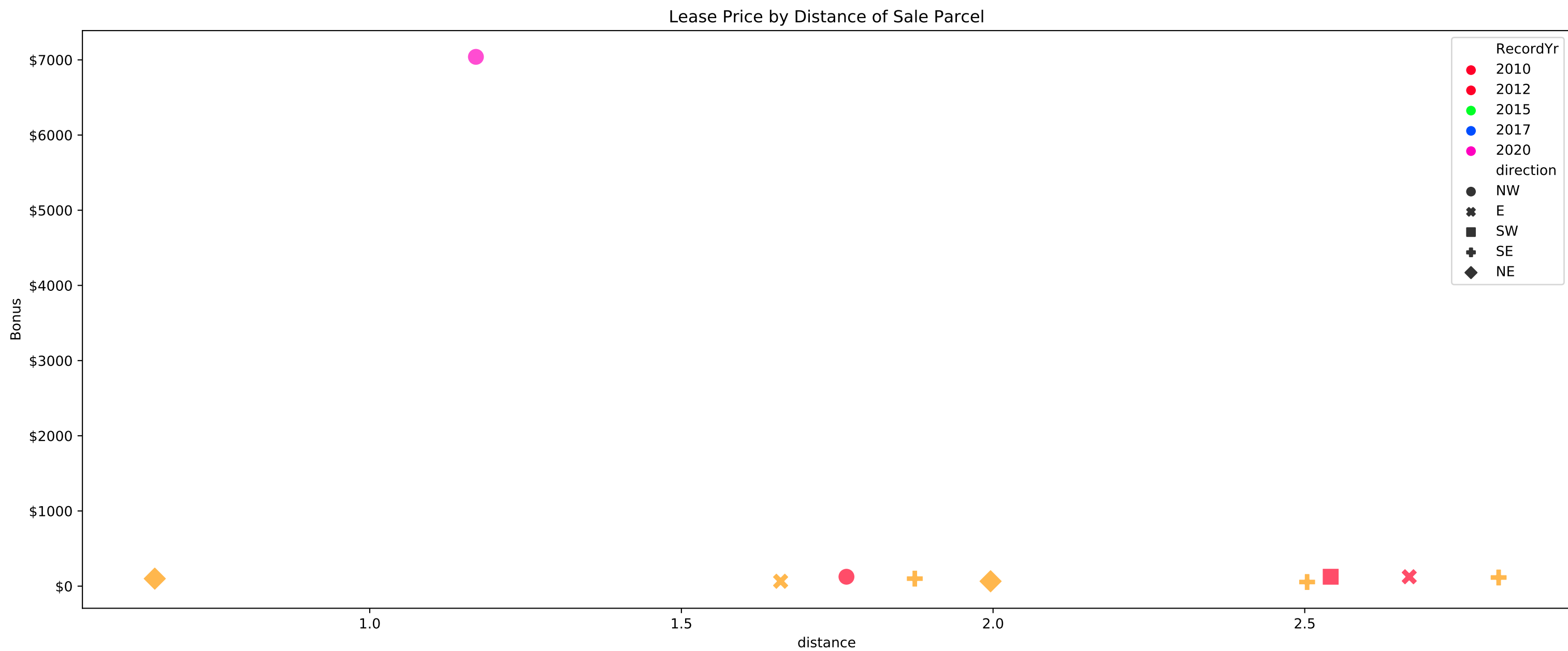
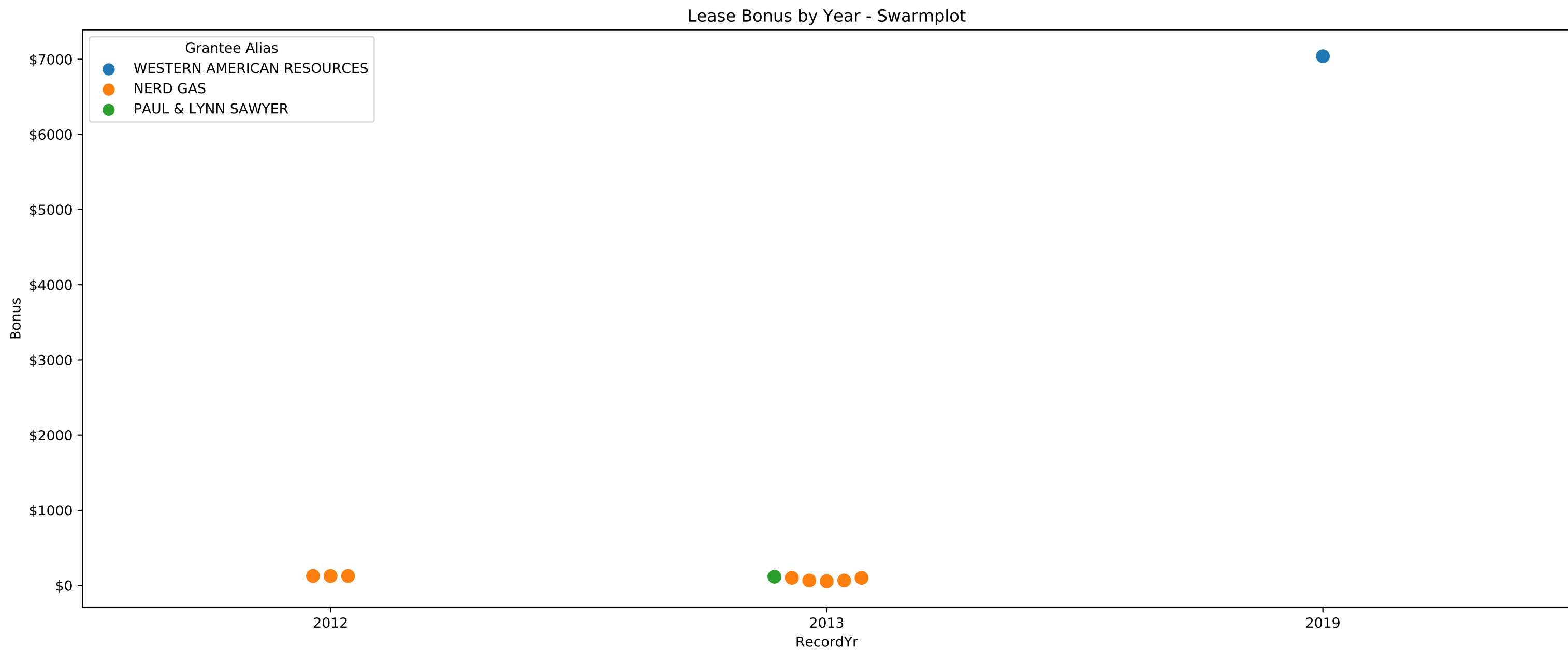
Lease Summary for tract 34  
Total Number of Leases: 4  
Average Price \$7040/acre in 2019



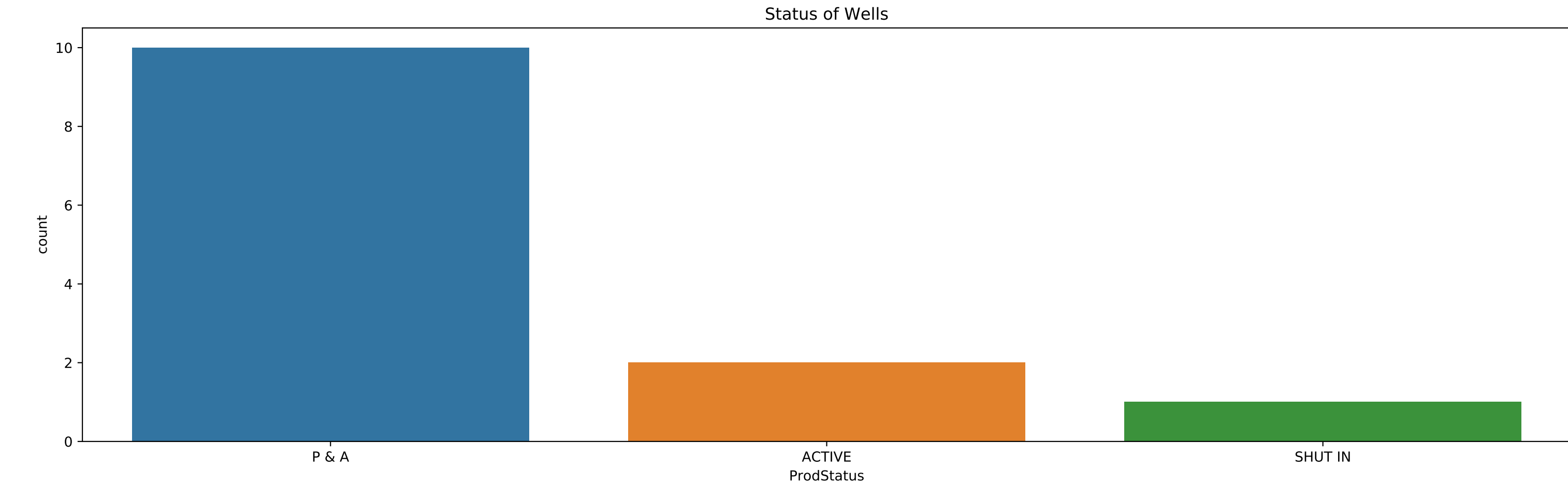
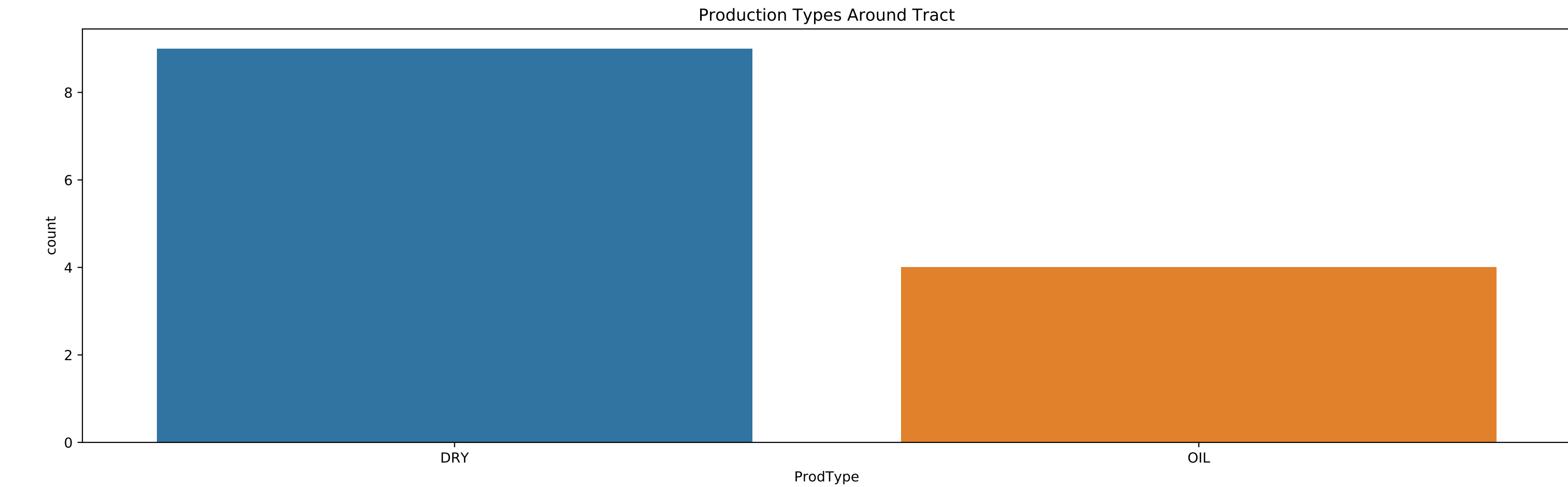
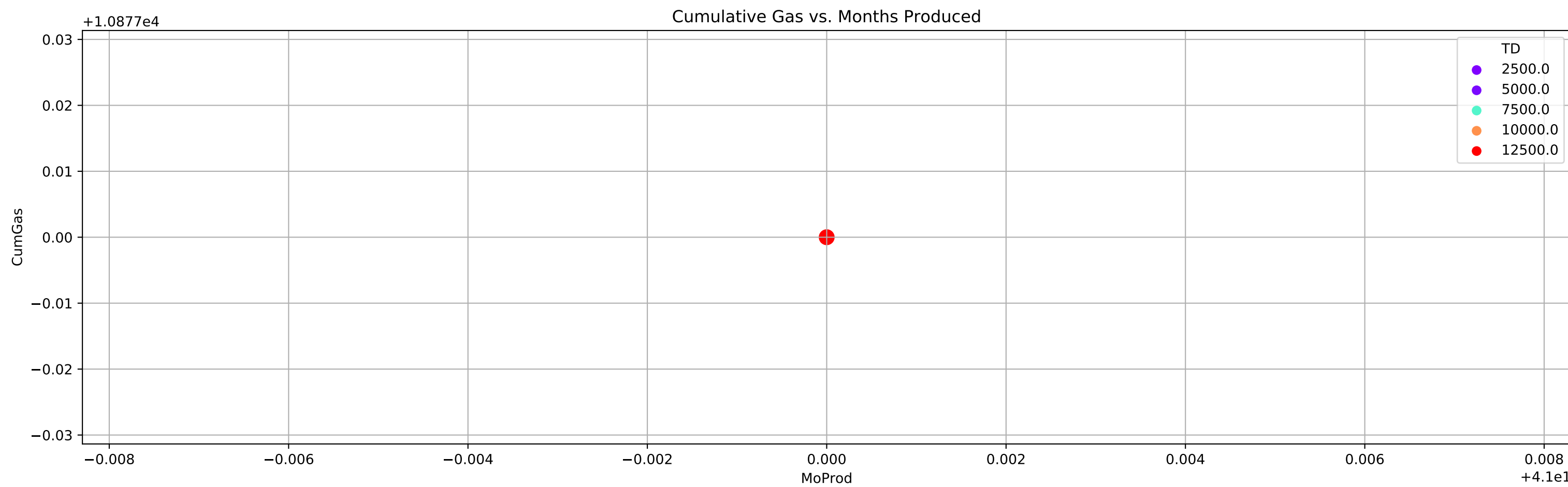
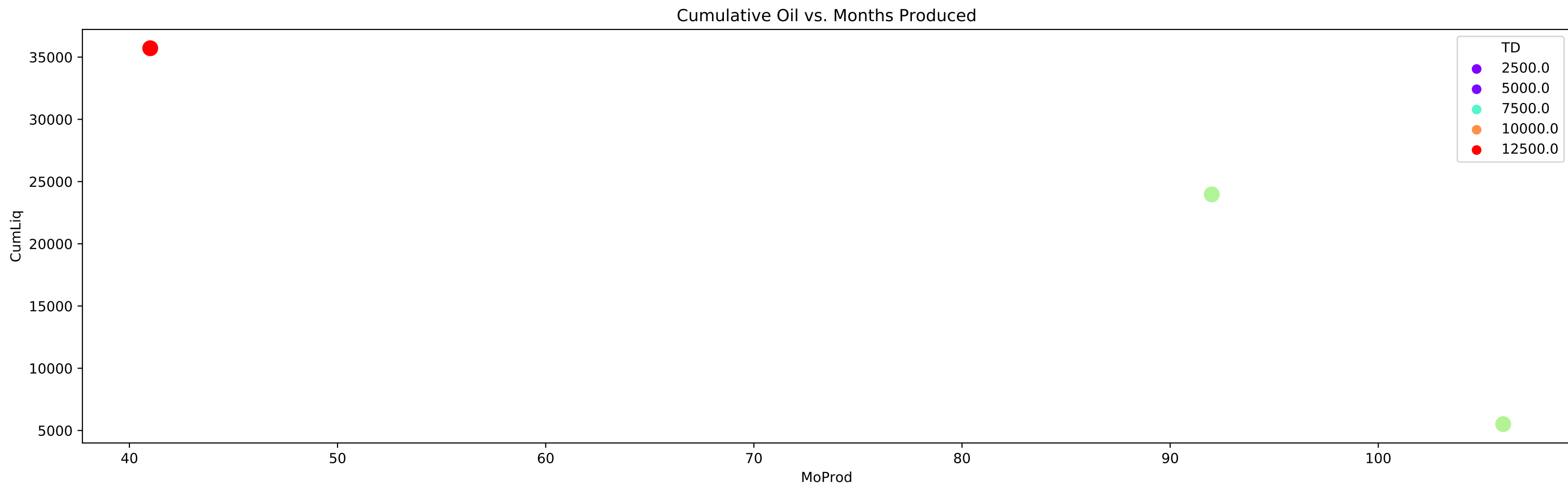
# Old Production Outside of Tract 34 - 3 Mi Radius



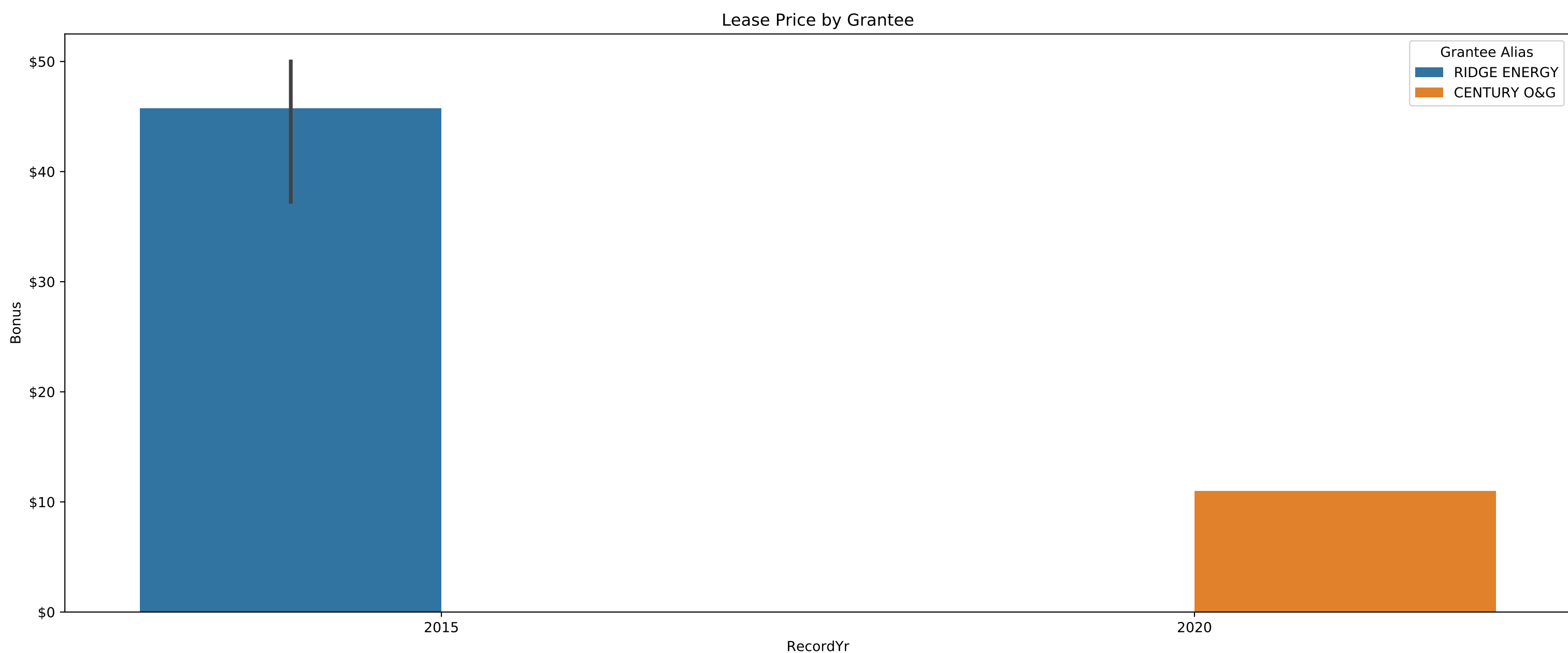
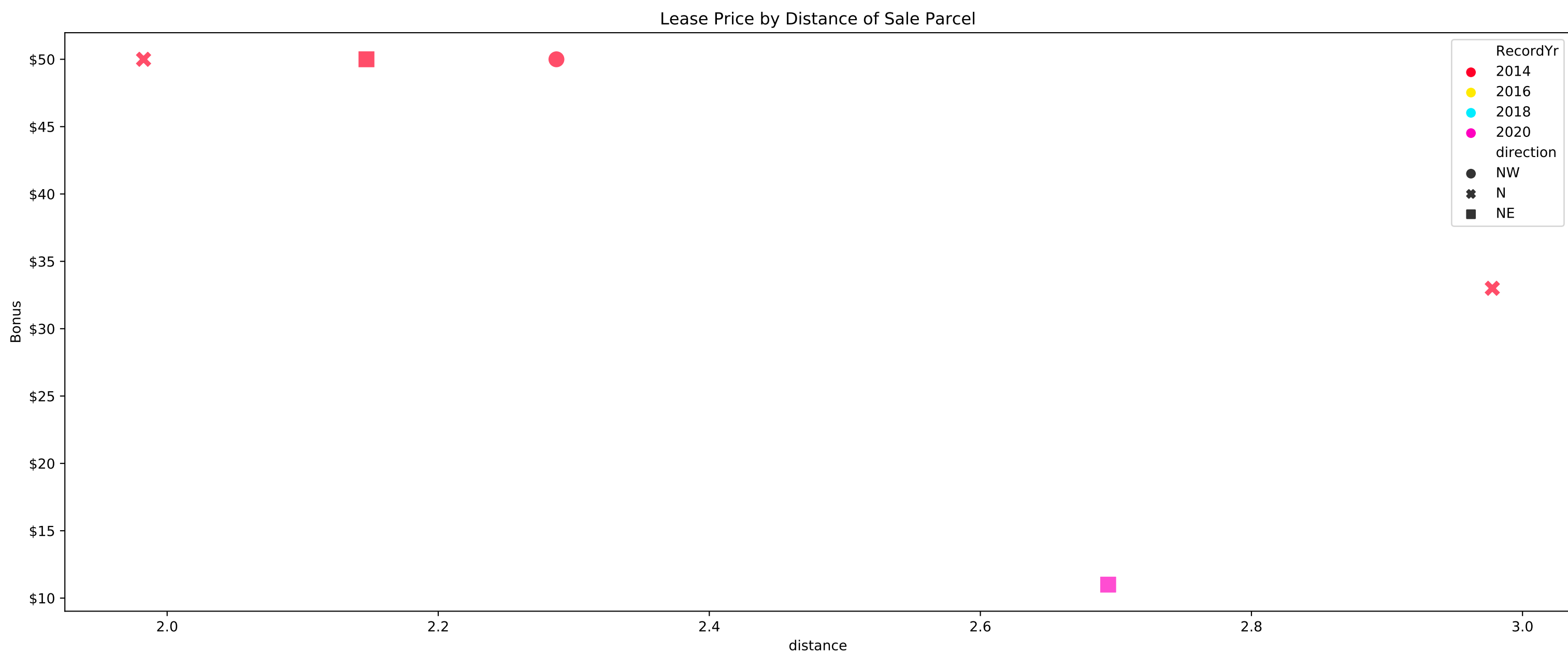
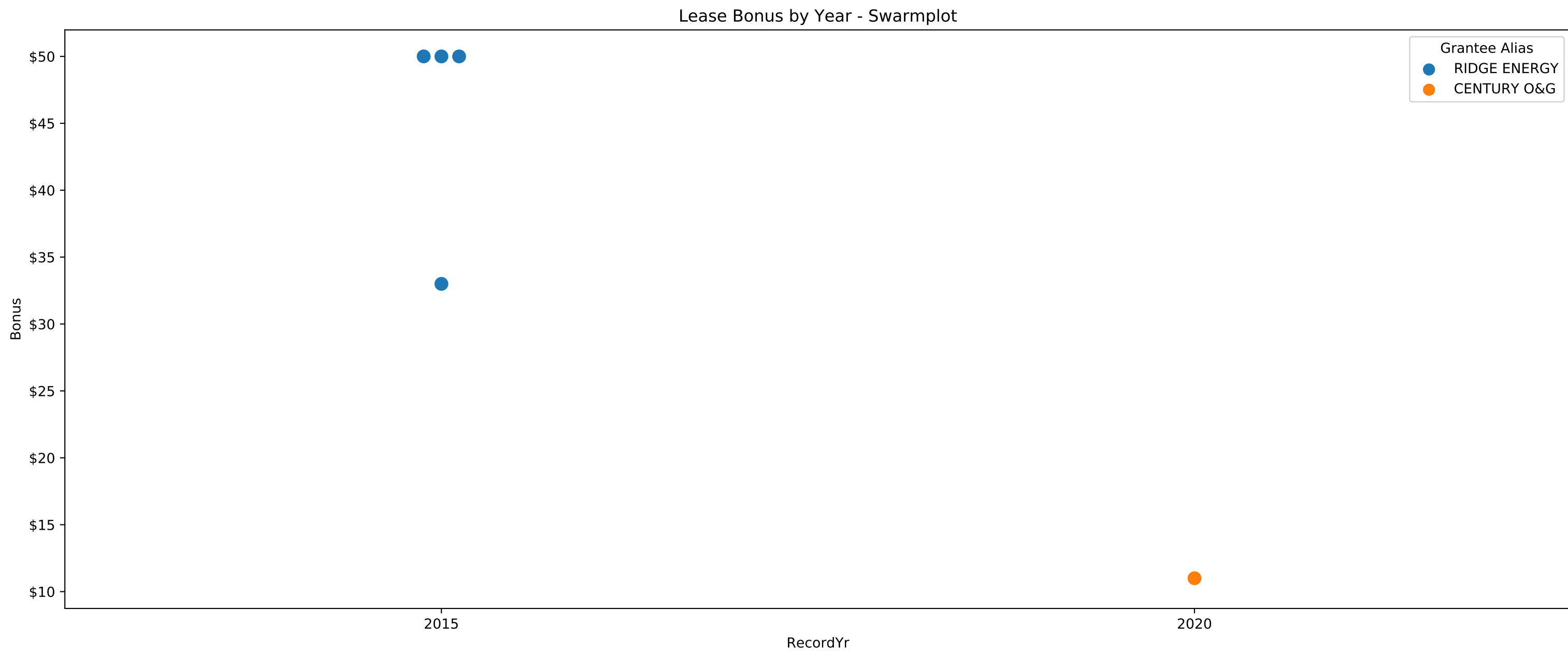
Lease Summary for tract 41  
Total Number of Leases: 10  
Average Price \$7040/acre in 2019



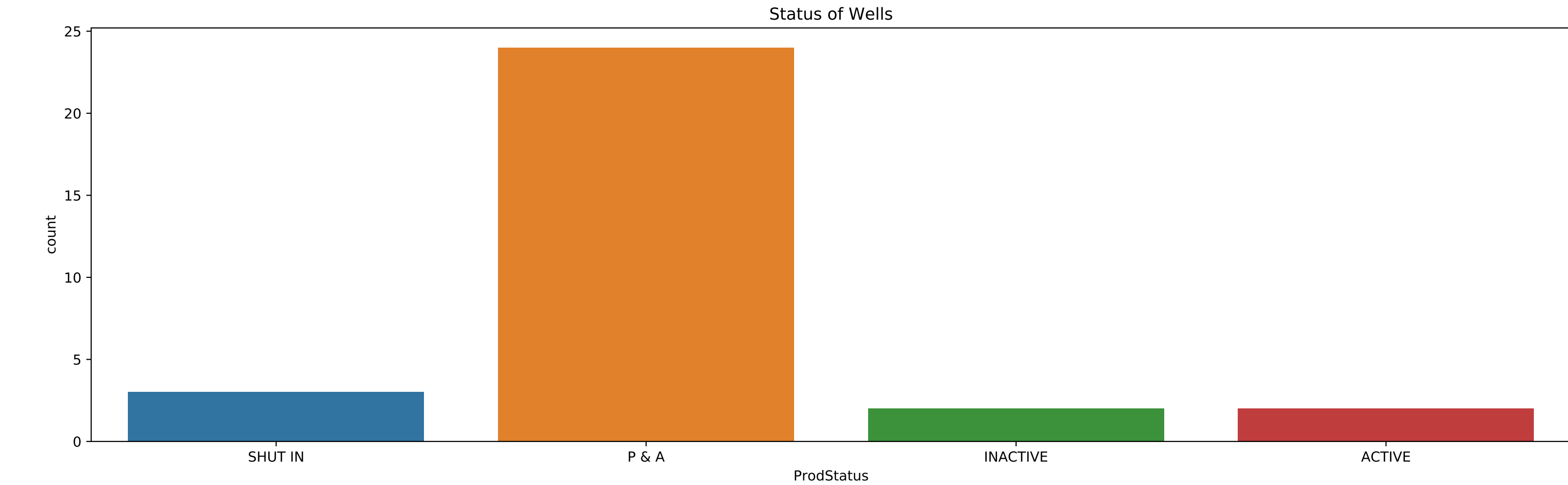
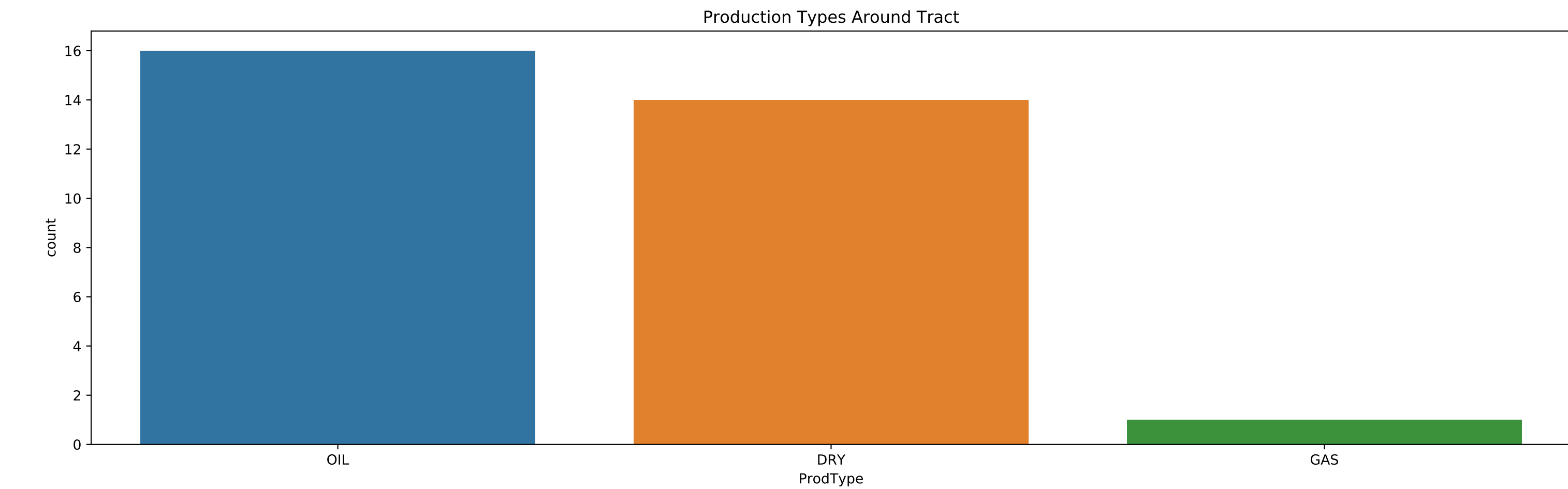
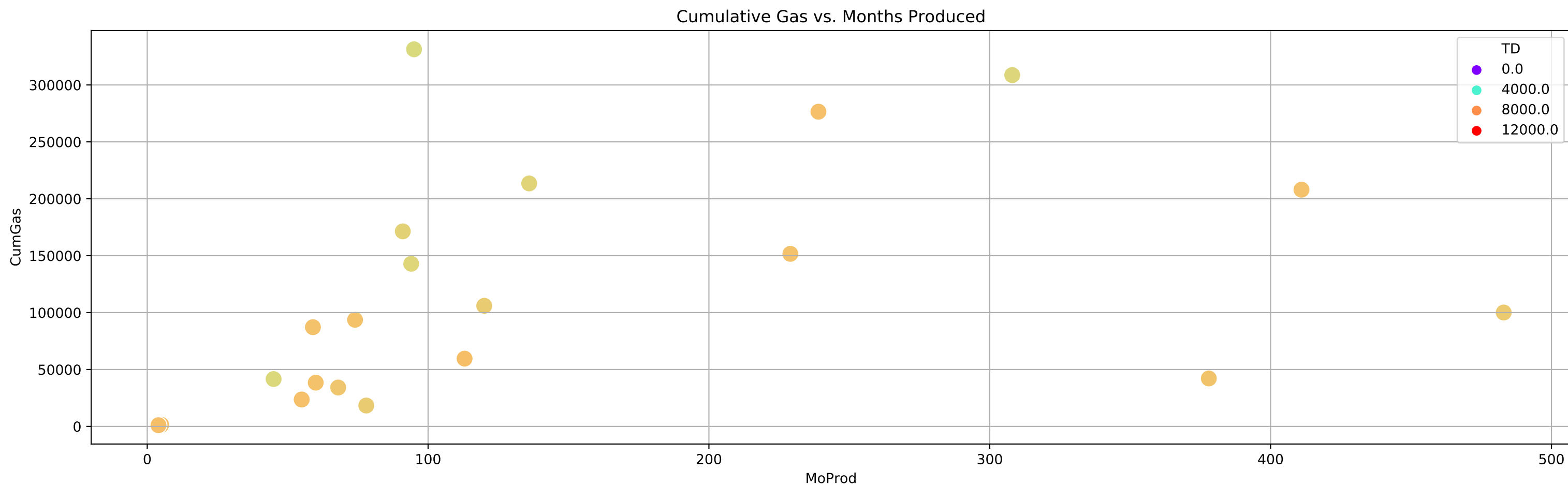
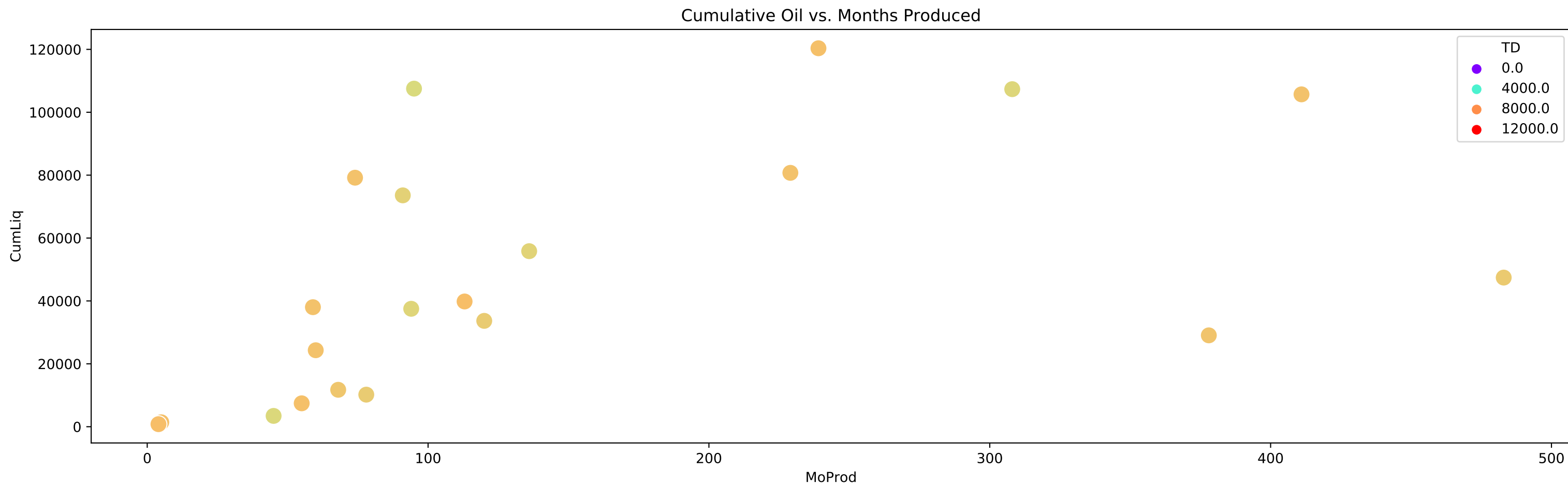
# Old Production Outside of Tract 41 - 3 Mi Radius



Lease Summary for tract 45  
Total Number of Leases: 5  
Average Price \$11/acre in 2020

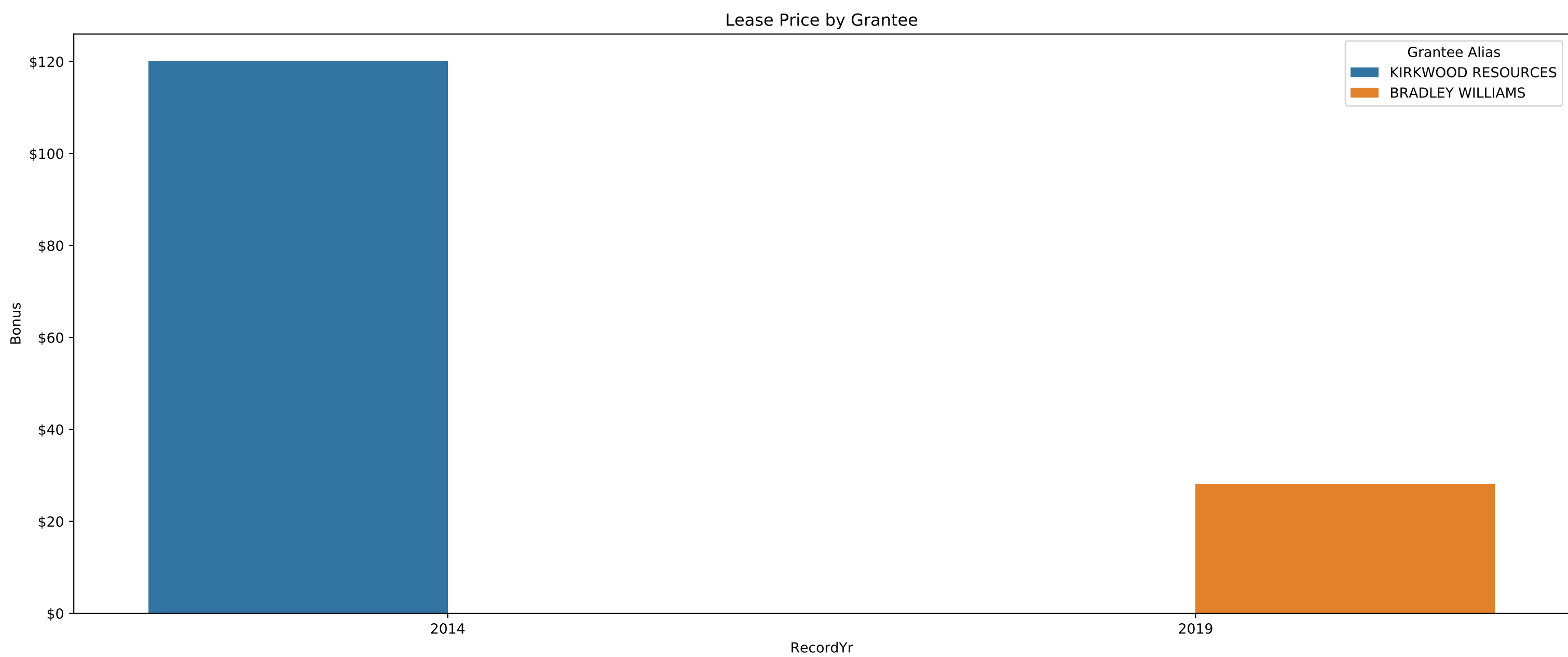
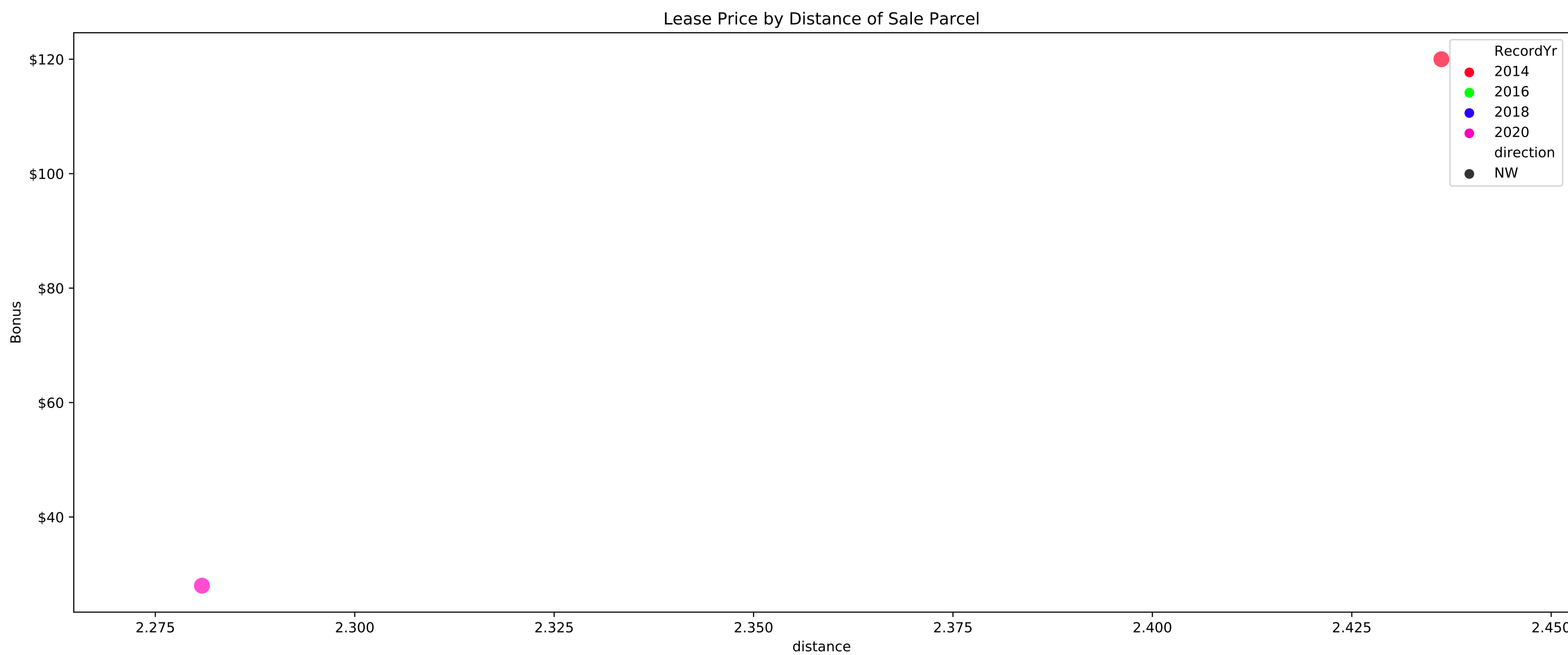
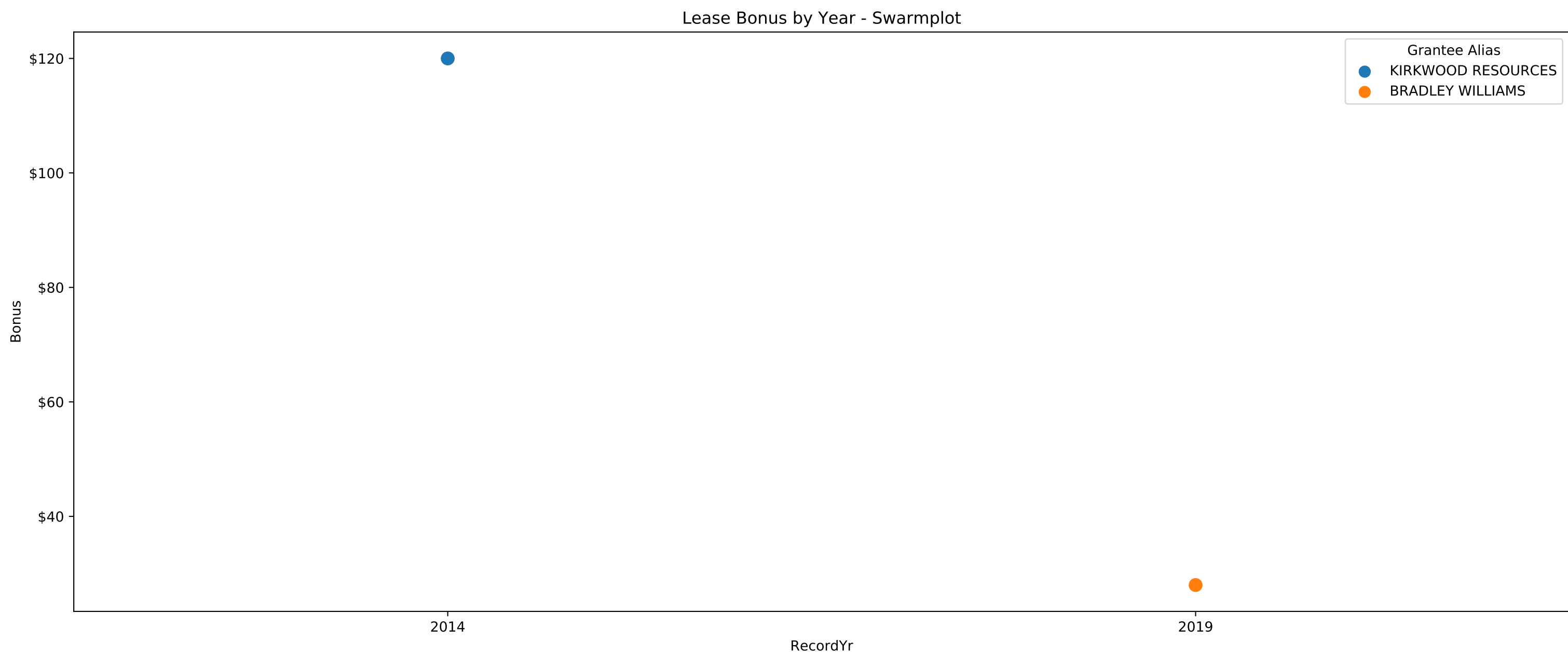


# Old Production Outside of Tract 45 - 3 Mi Radius

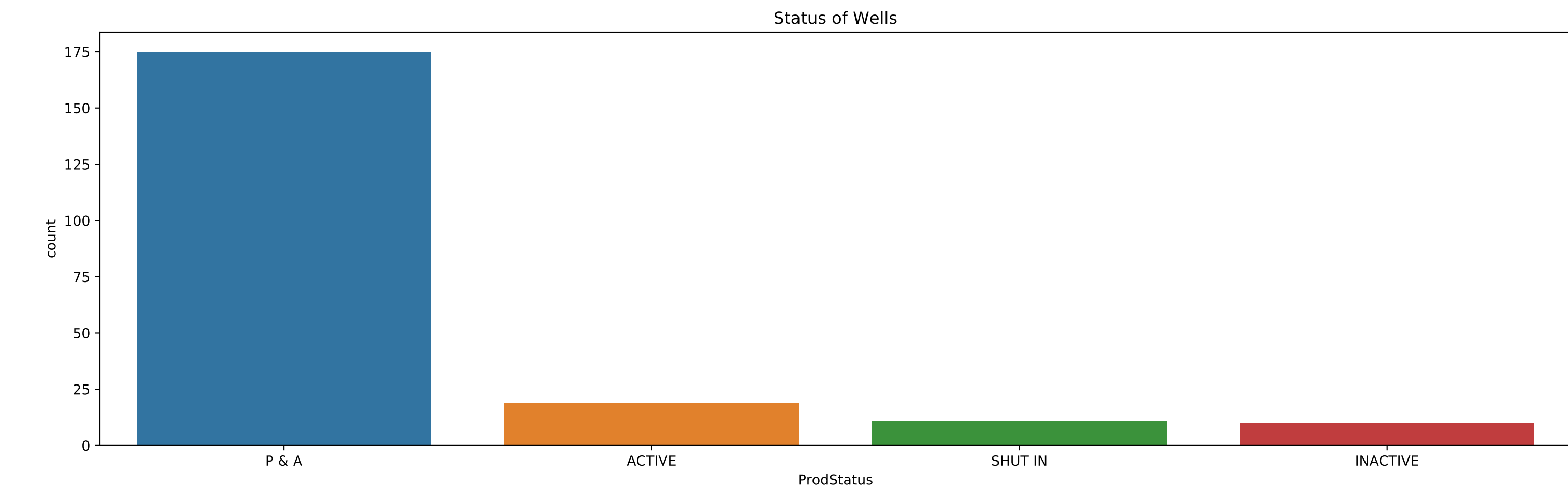
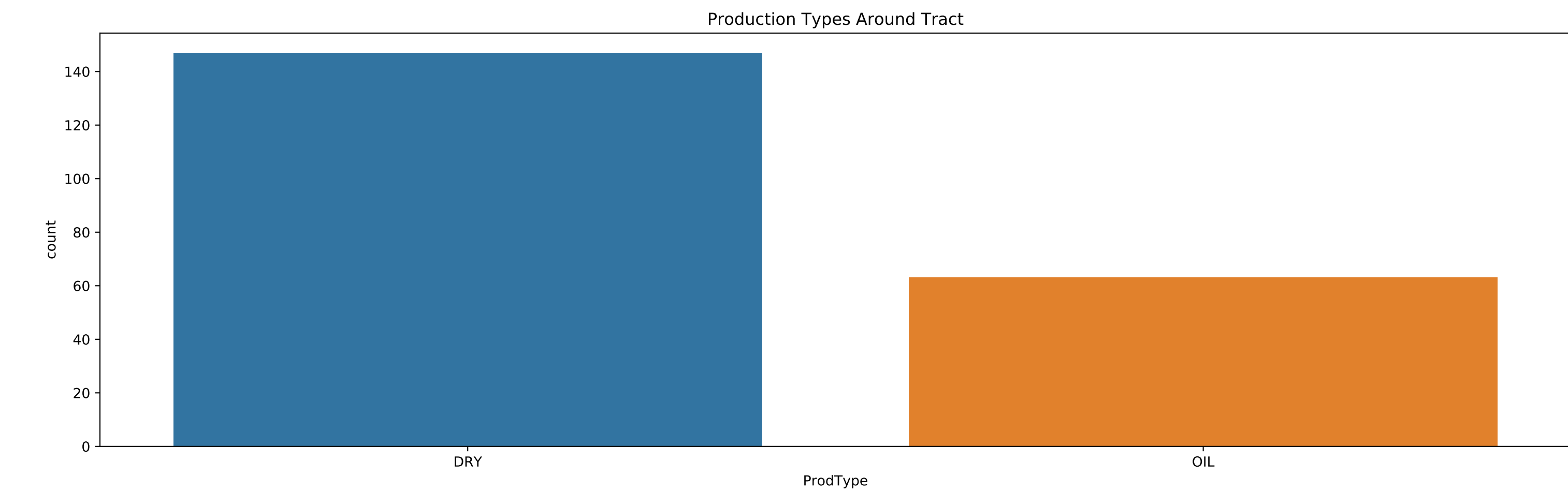
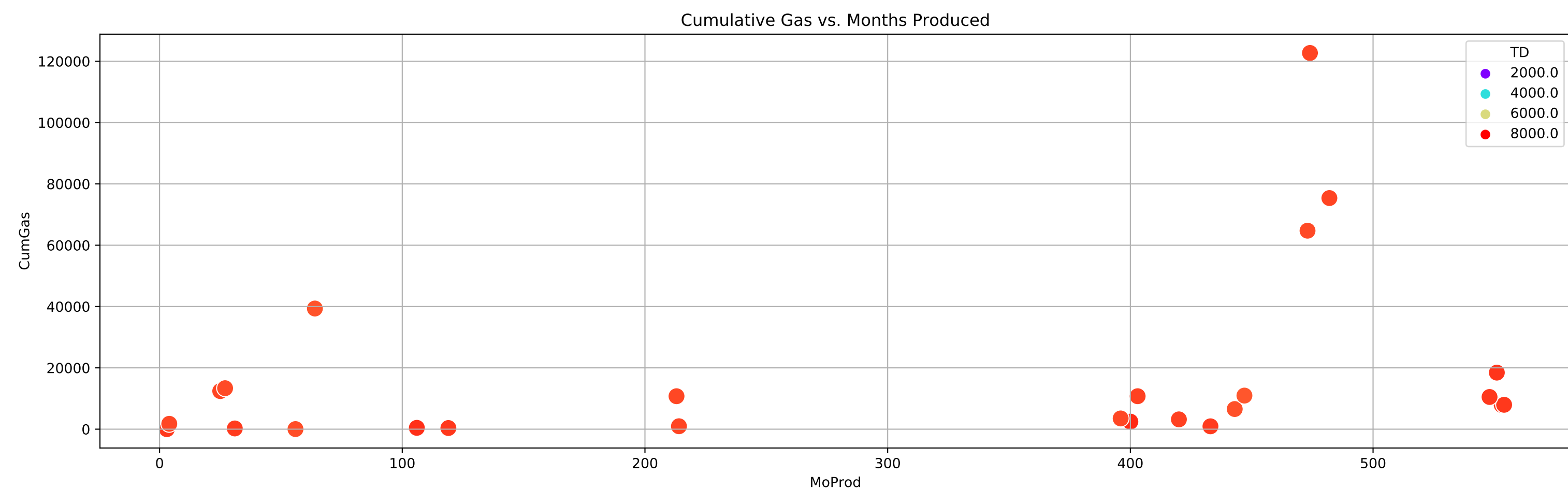
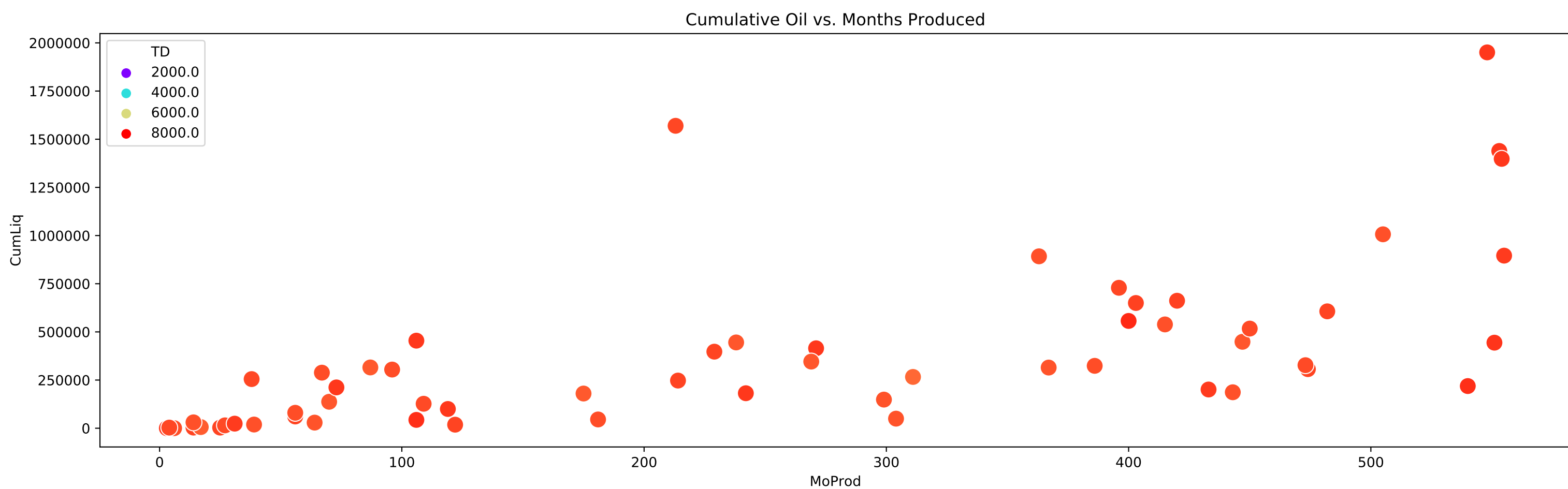




Lease Summary for tract 48  
Total Number of Leases: 2  
Average Price \$28/acre in 2019



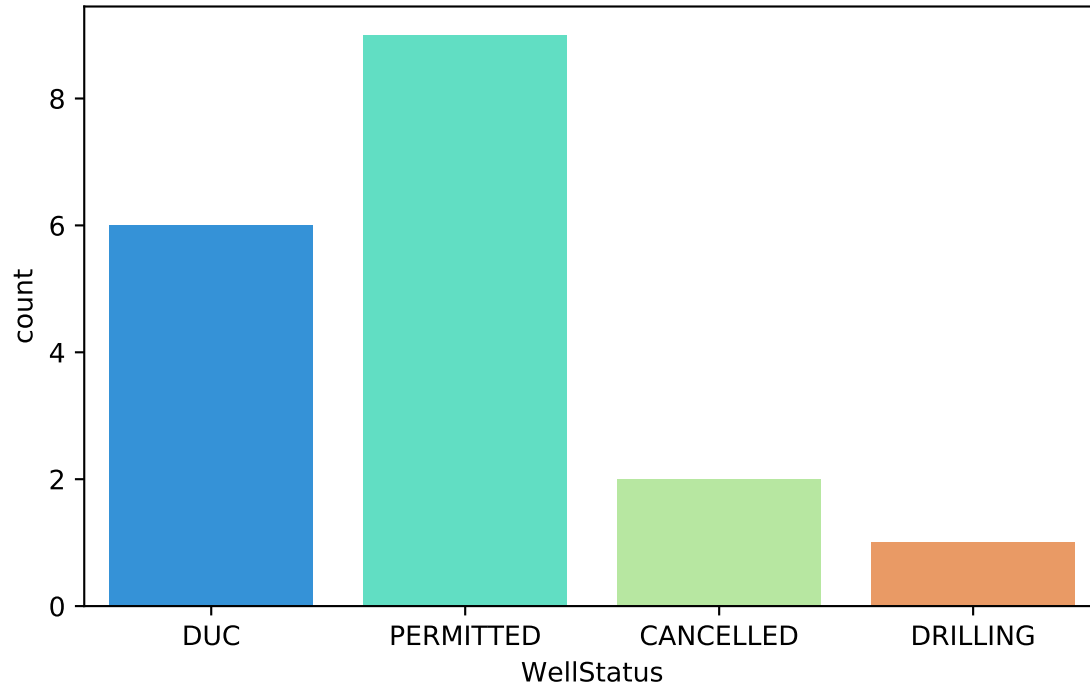
# Old Production Outside of Tract 48 - 3 Mi Radius



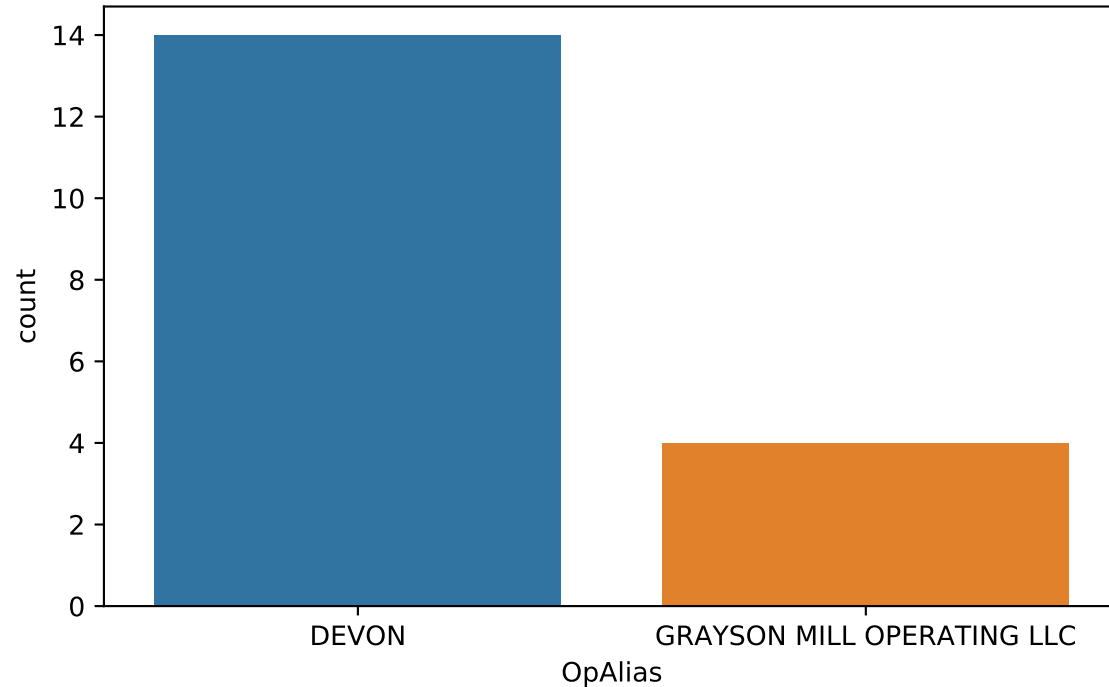
# Permit Summary for Tract 17

Total permits: 18

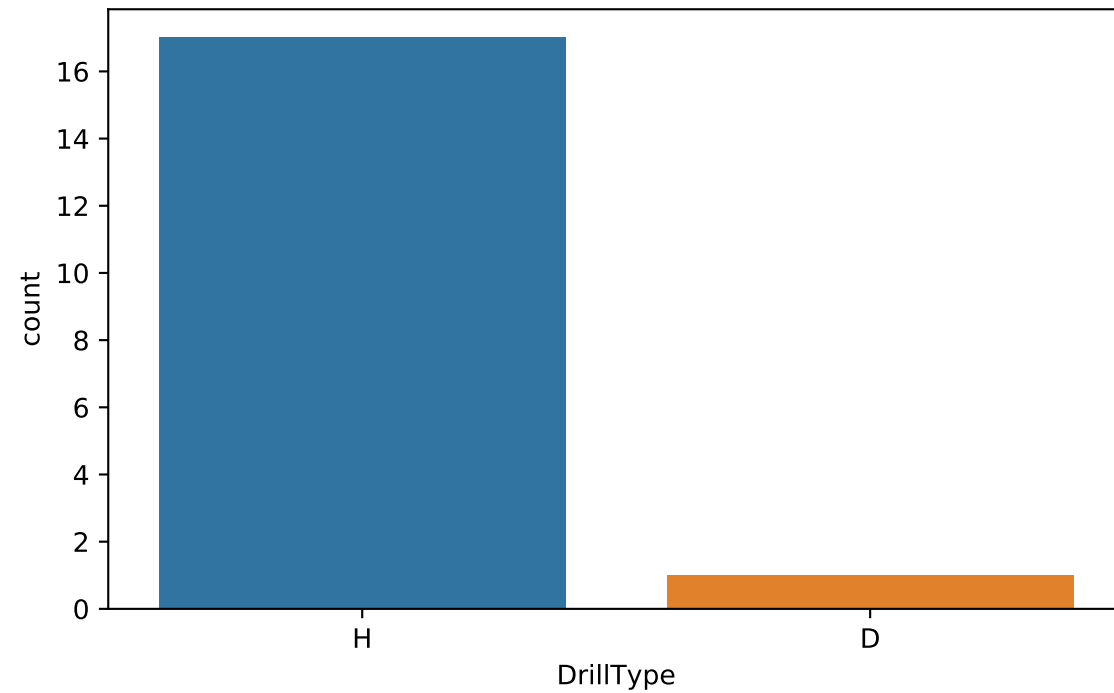
## Permits by Well Status



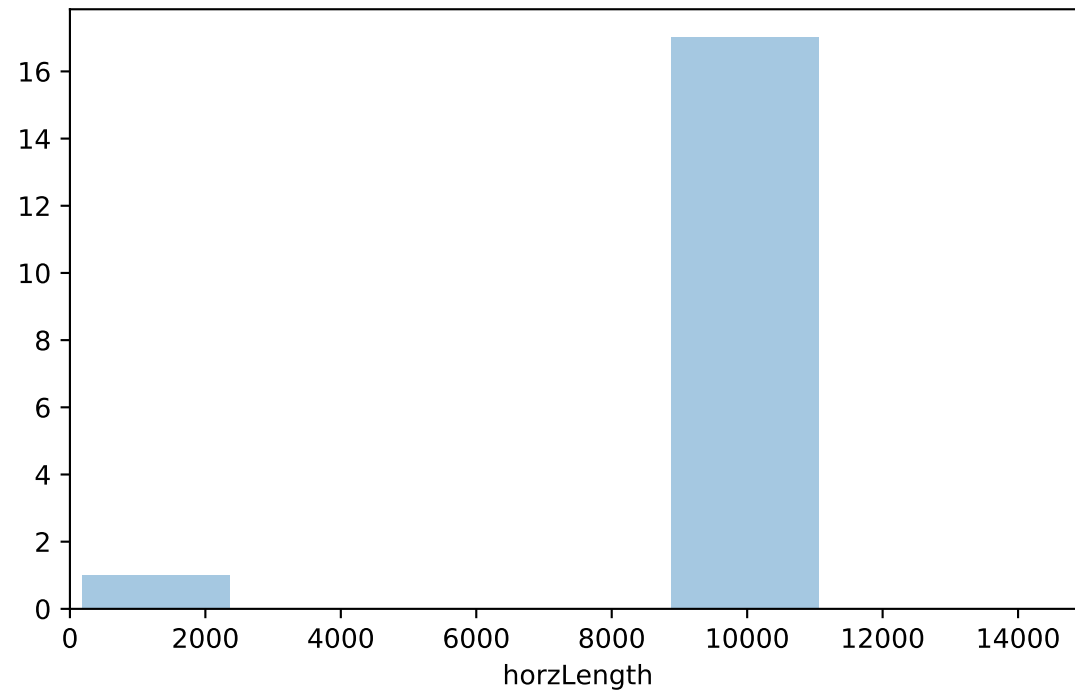
## Permits by Operator



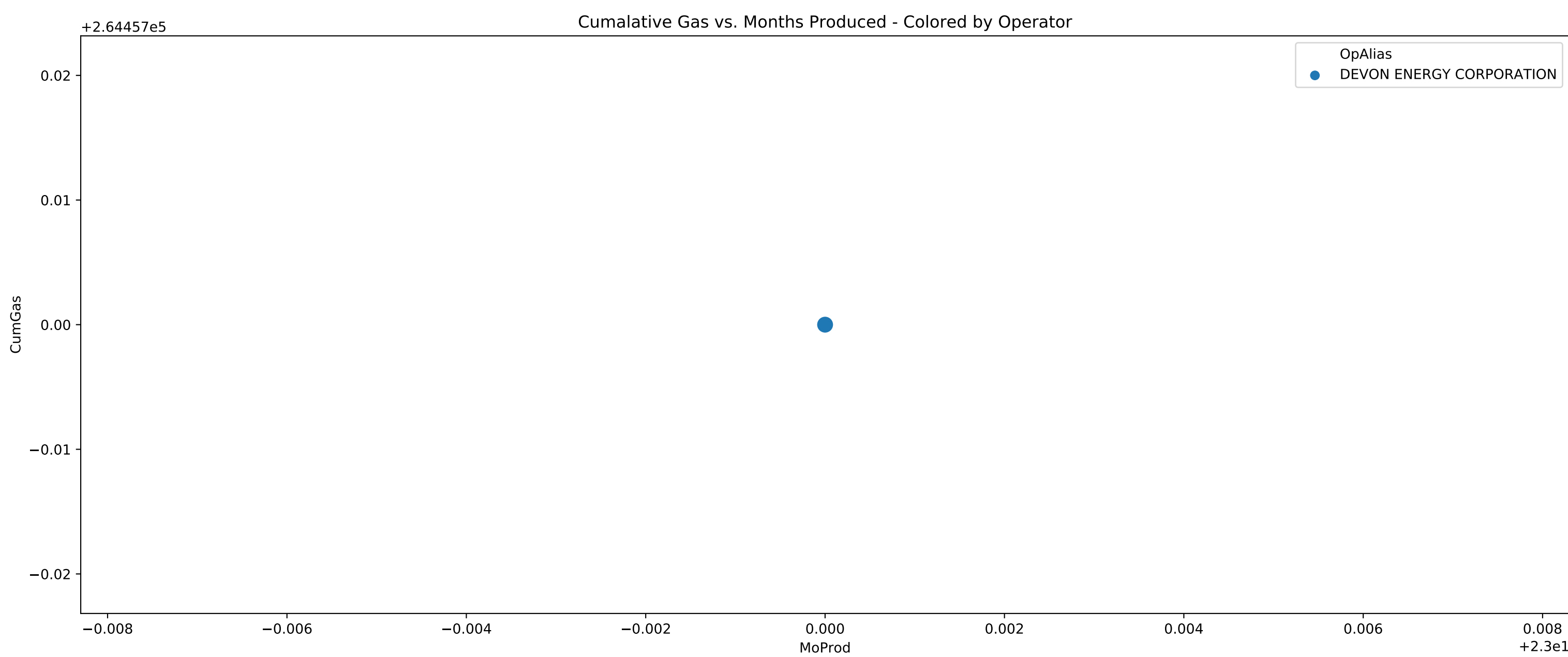
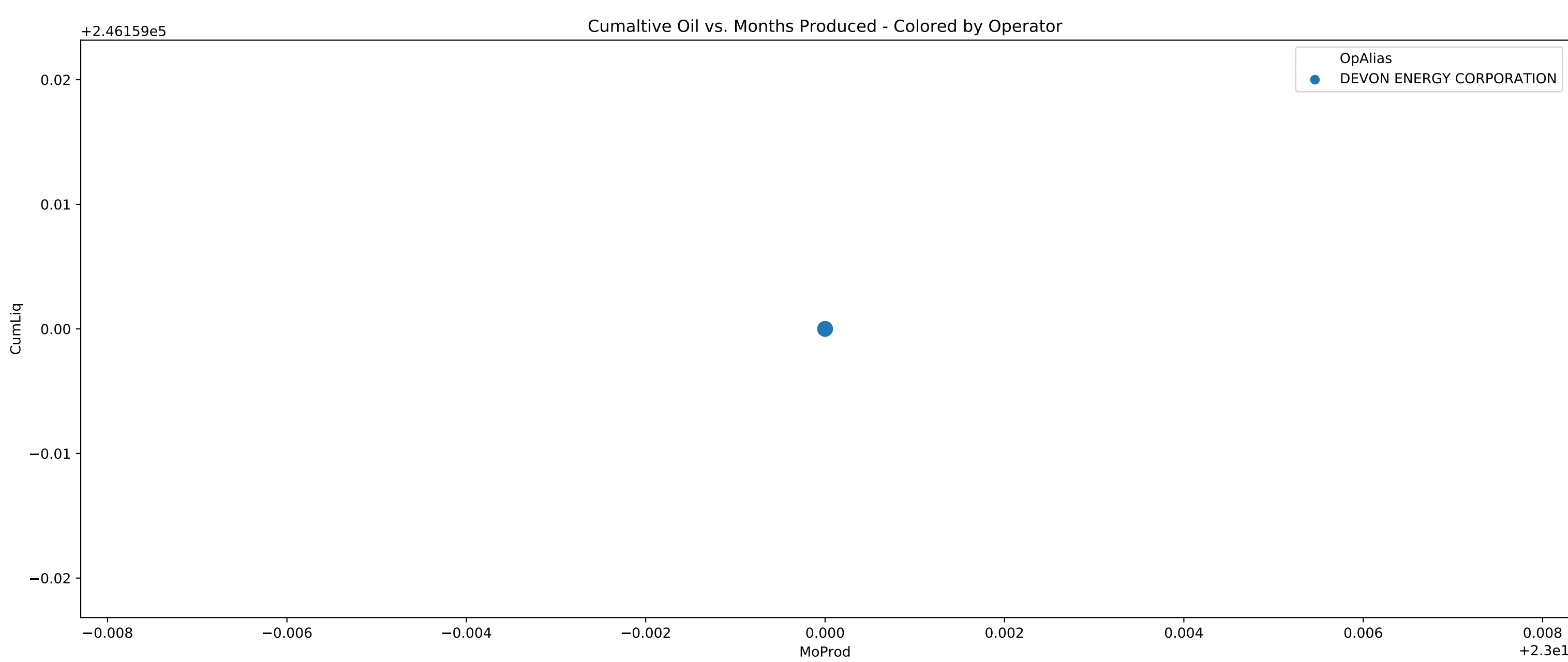
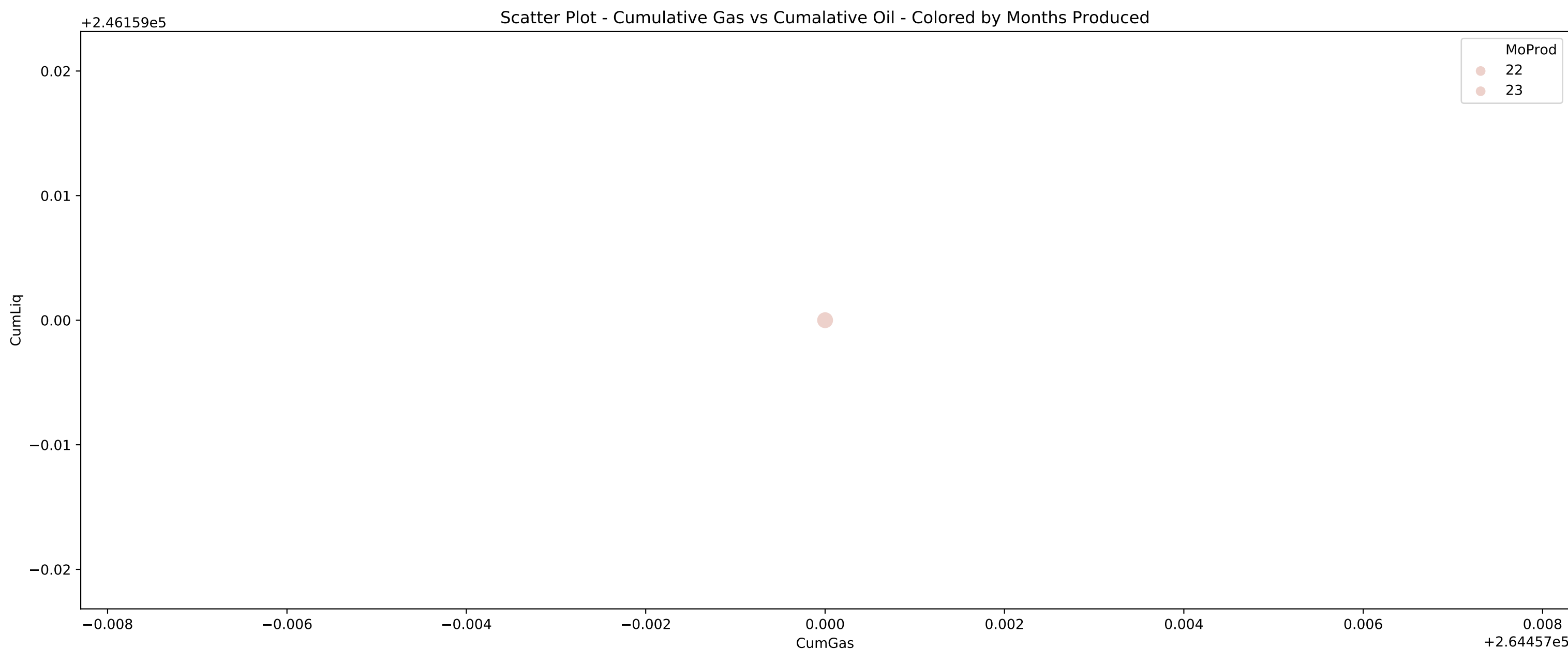
## Permits by Well Type (H,D,V)



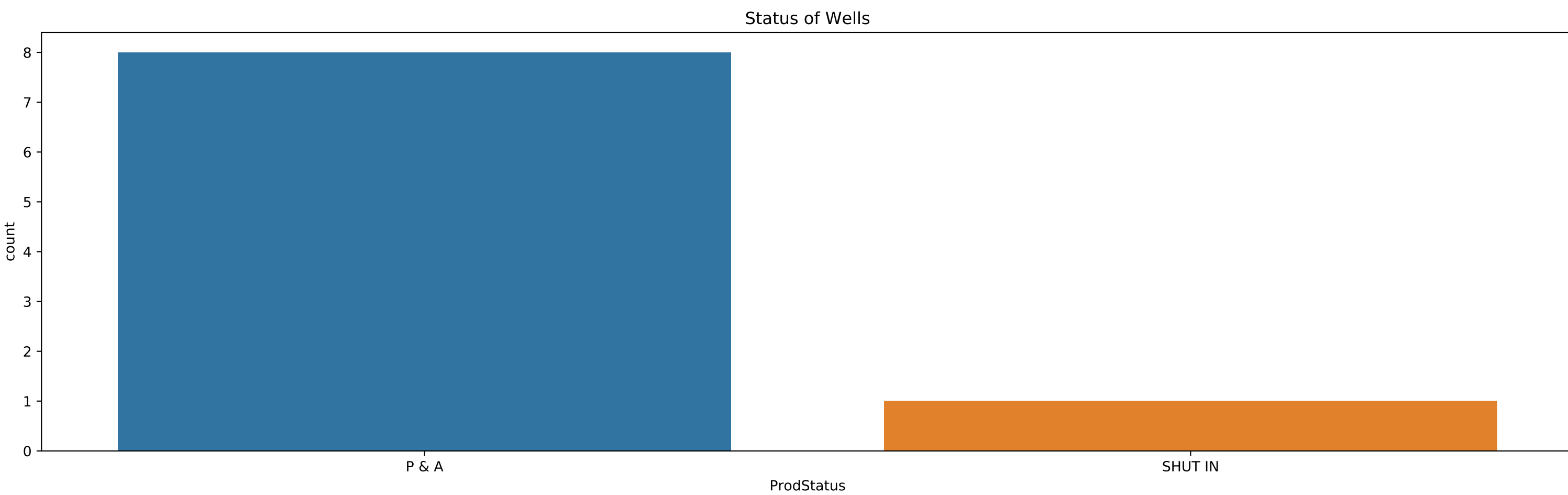
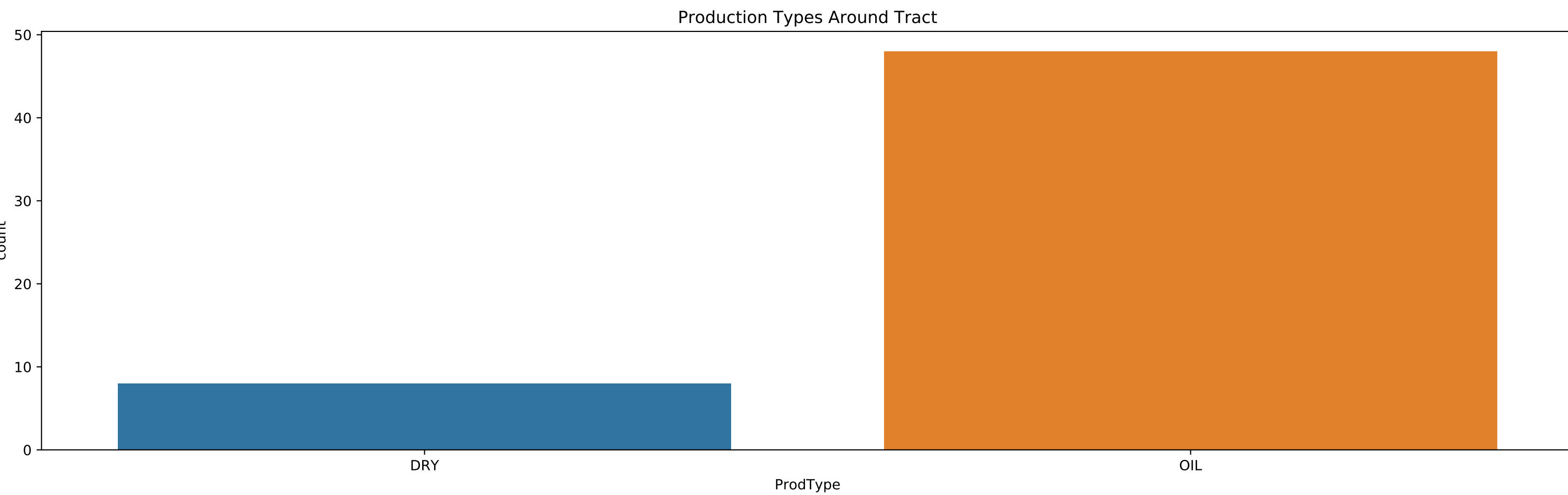
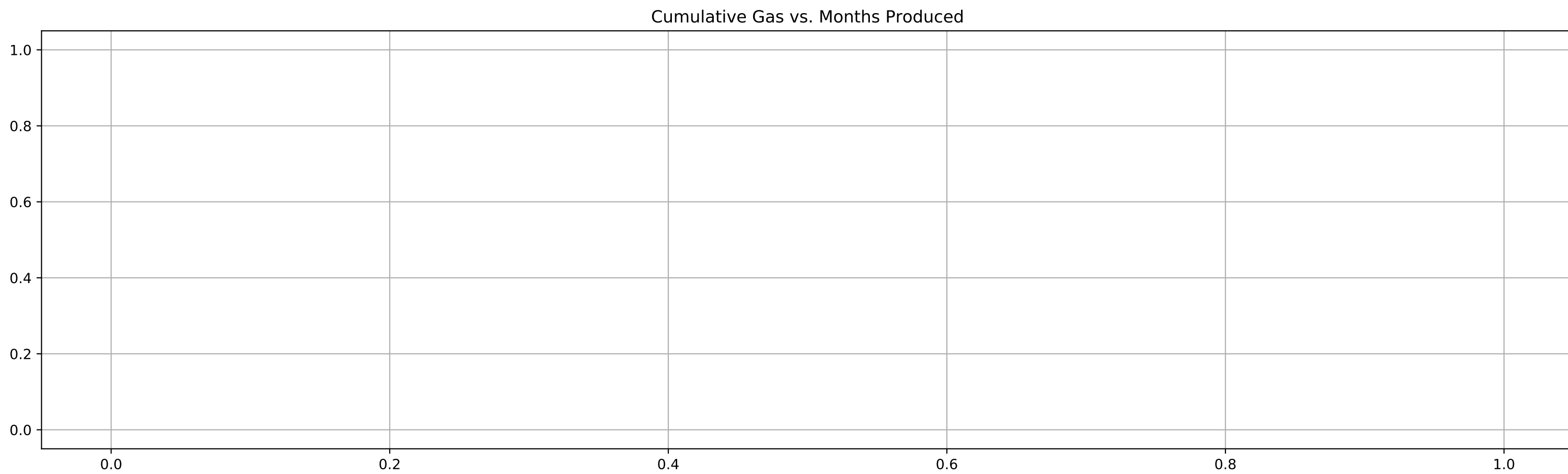
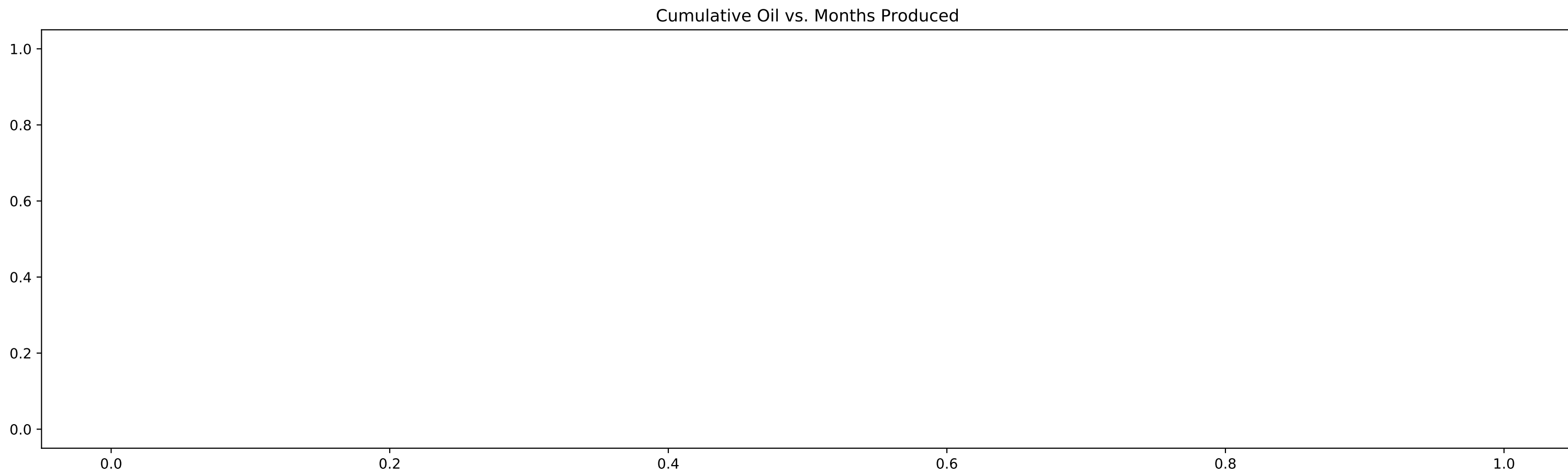
## Permit Horizontal Lengths - Binned



# Production Dashboard for tract 17



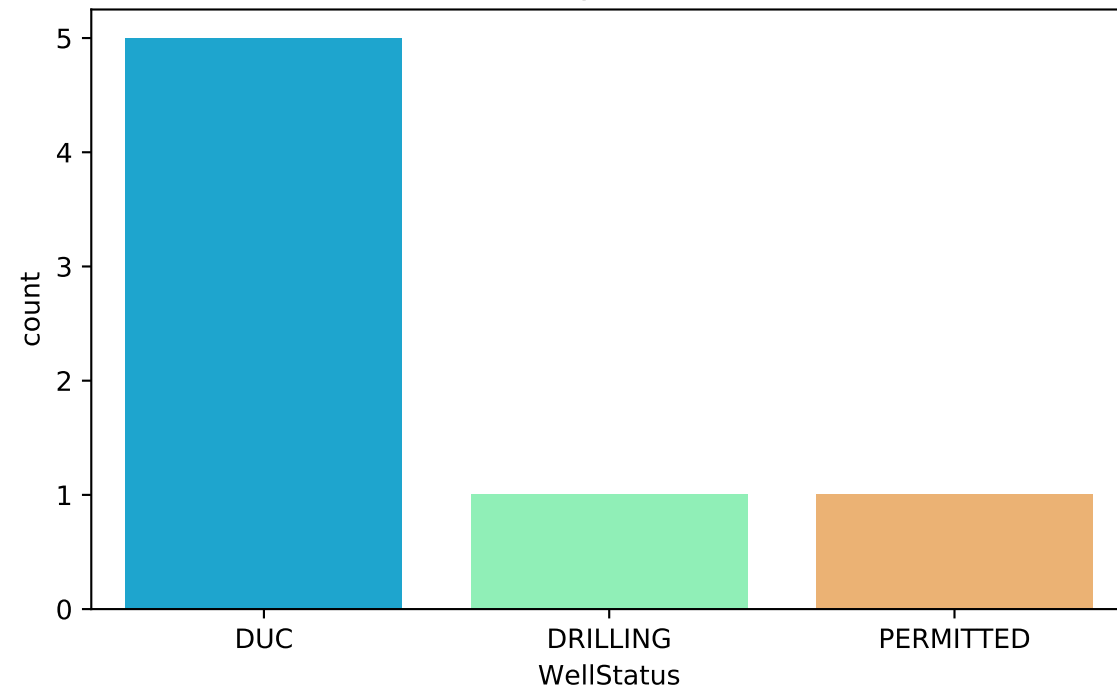
# Old Production Outside of Tract 17 - 3 Mi Radius



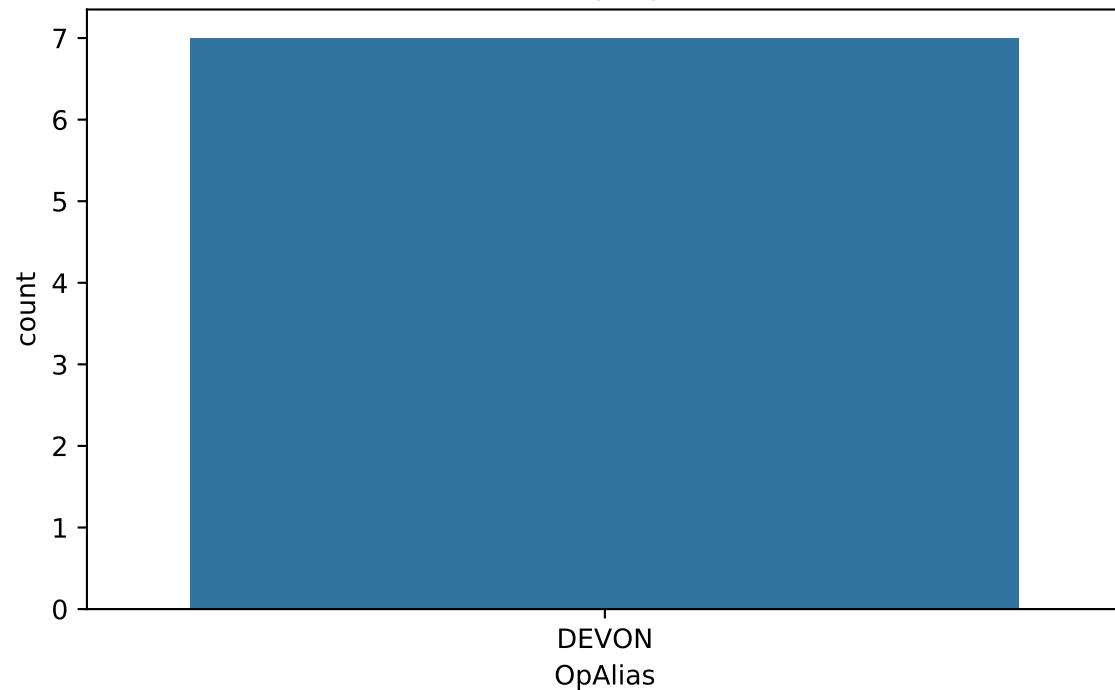
# Permit Summary for Tract 119

Total permits: 7

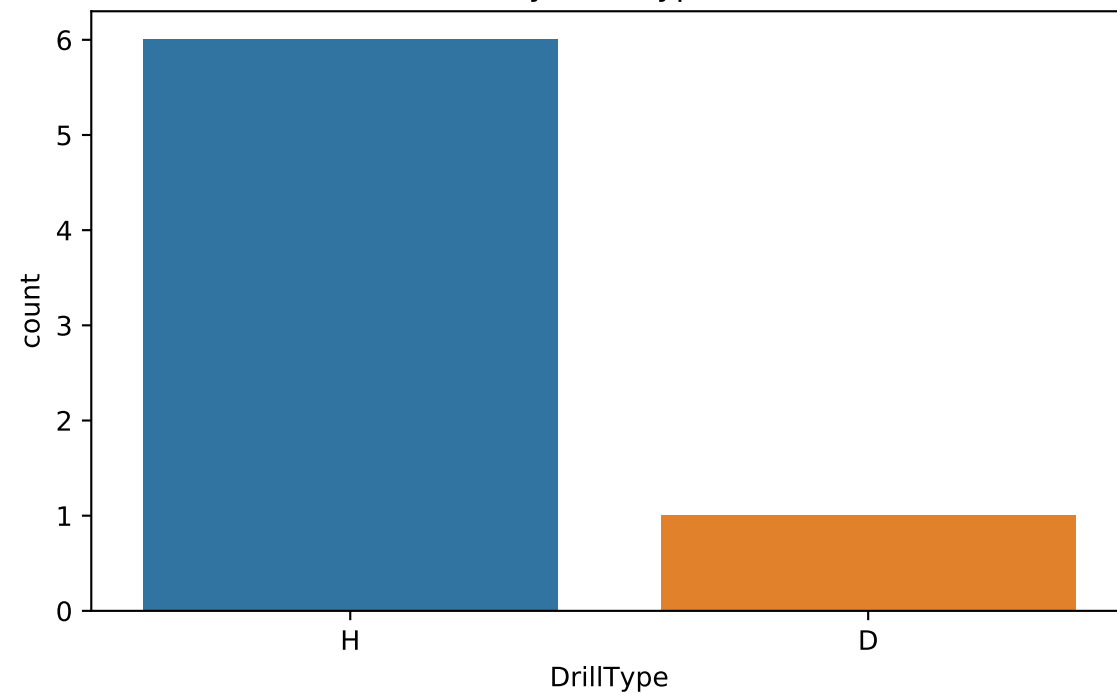
## Permits by Well Status



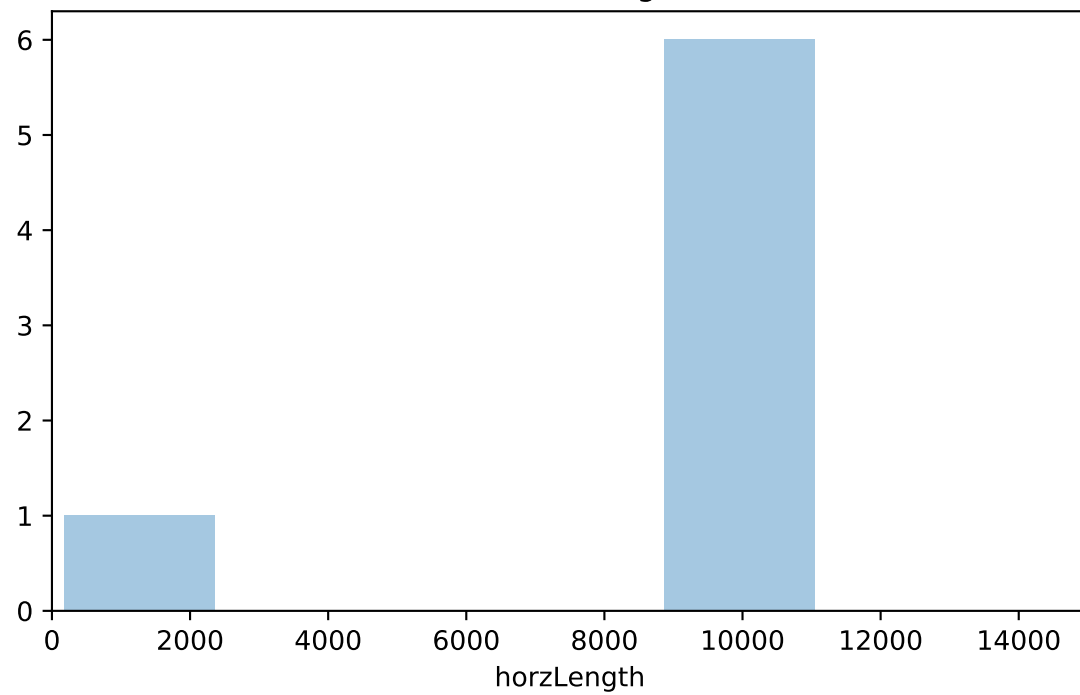
## Permits by Operator



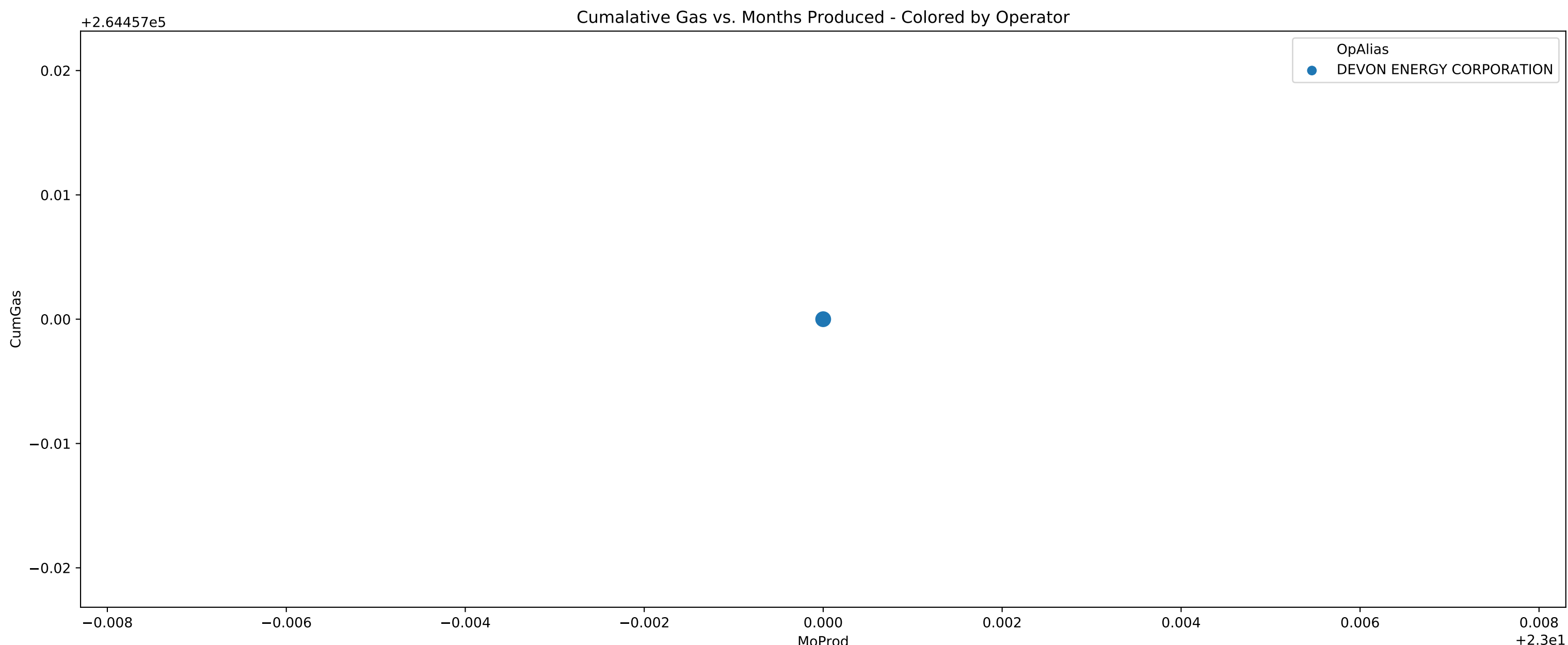
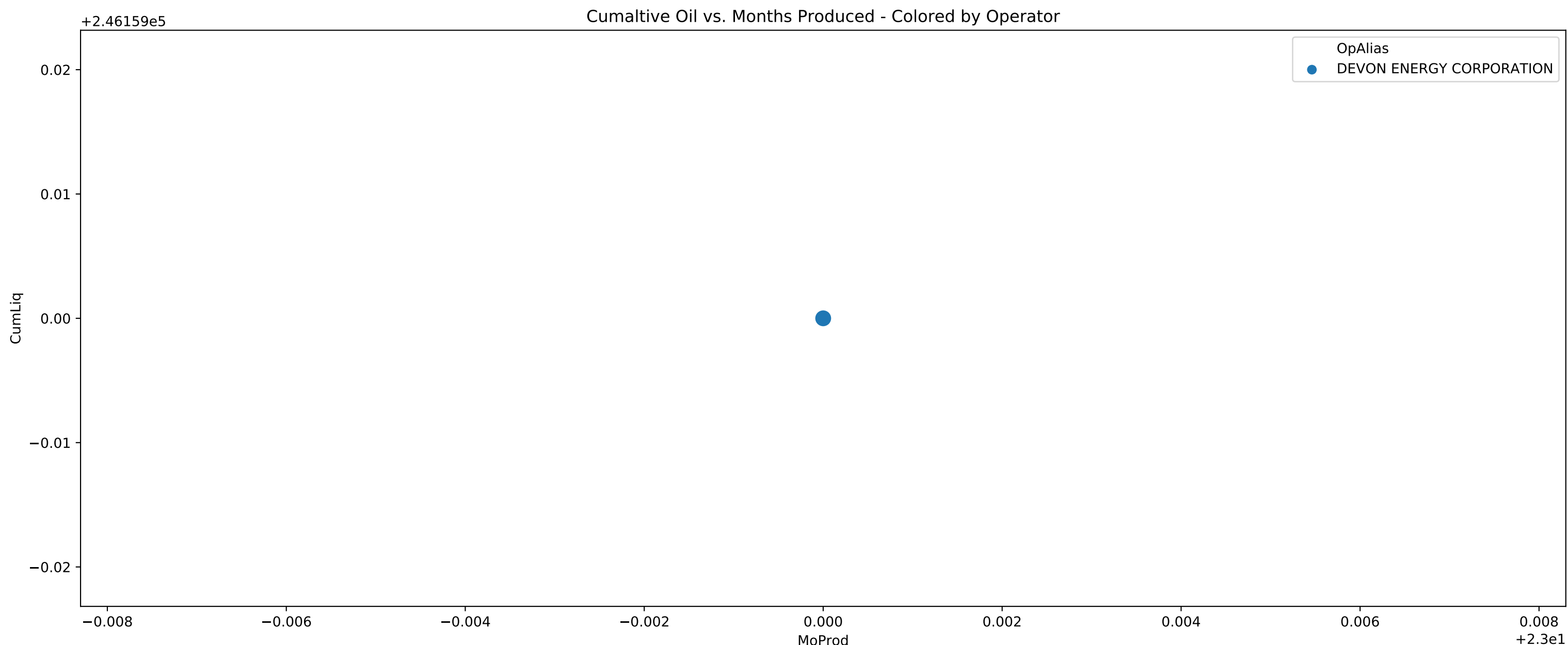
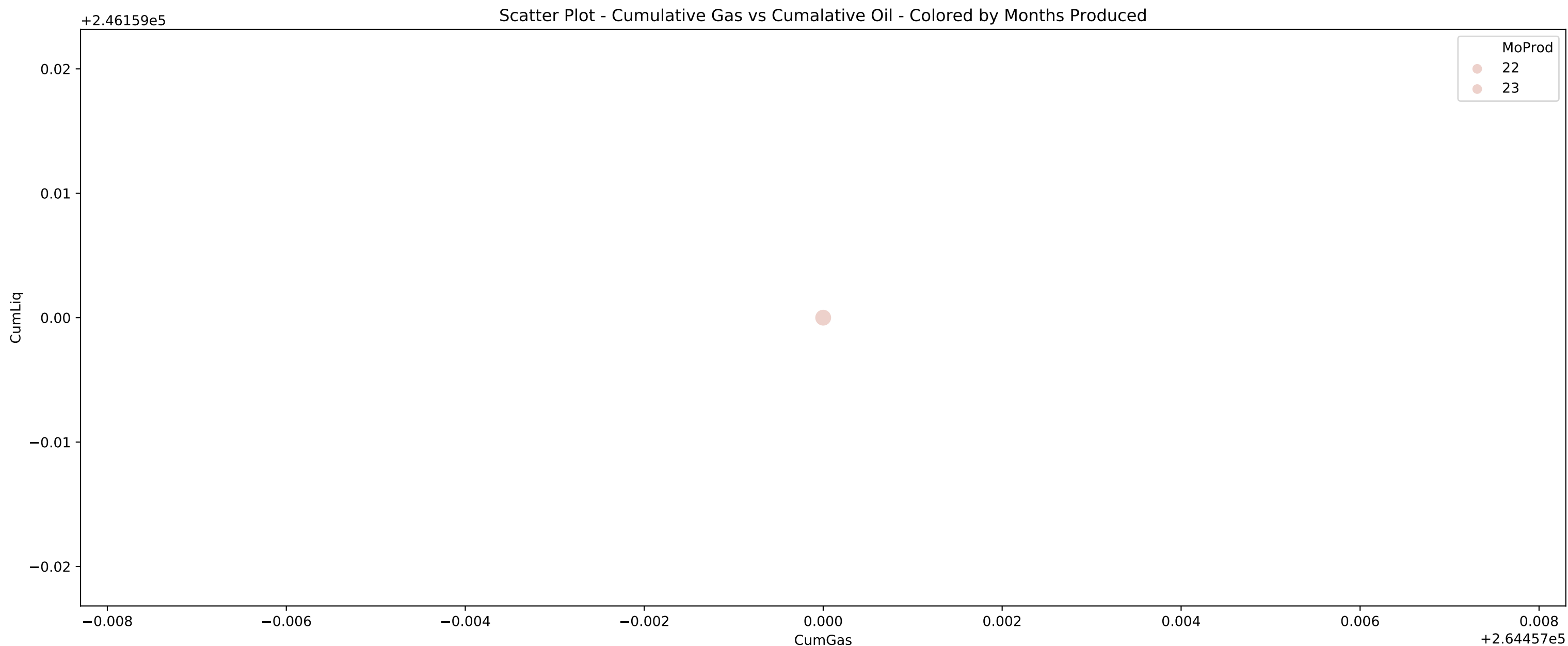
## Permits by Well Type (H,D,V)



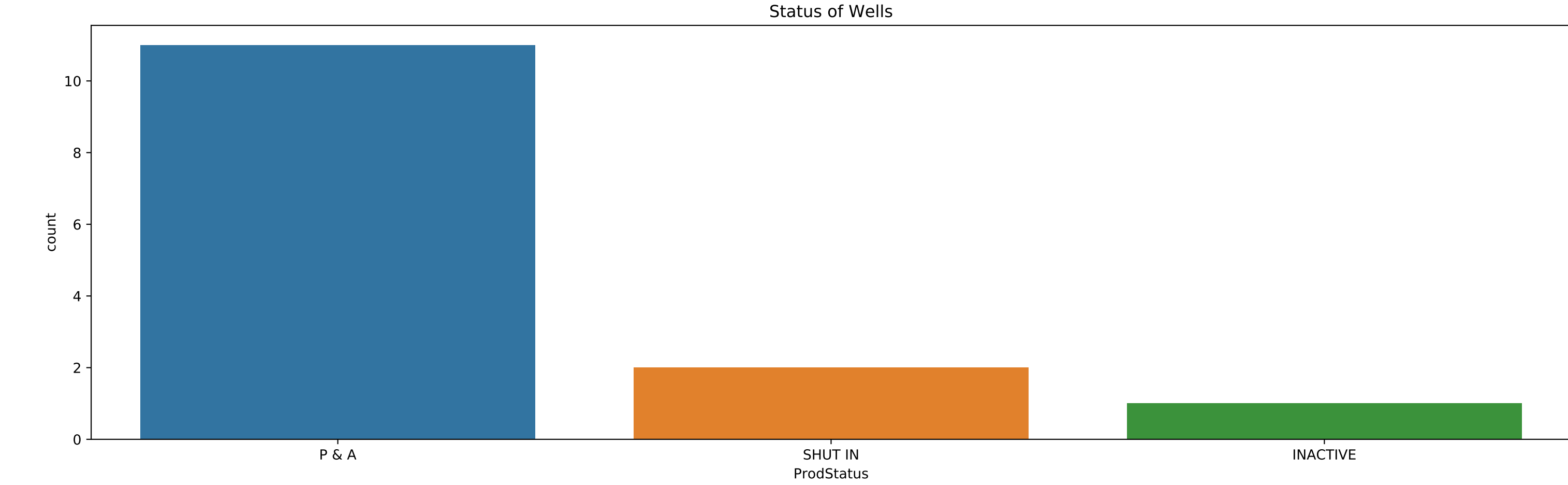
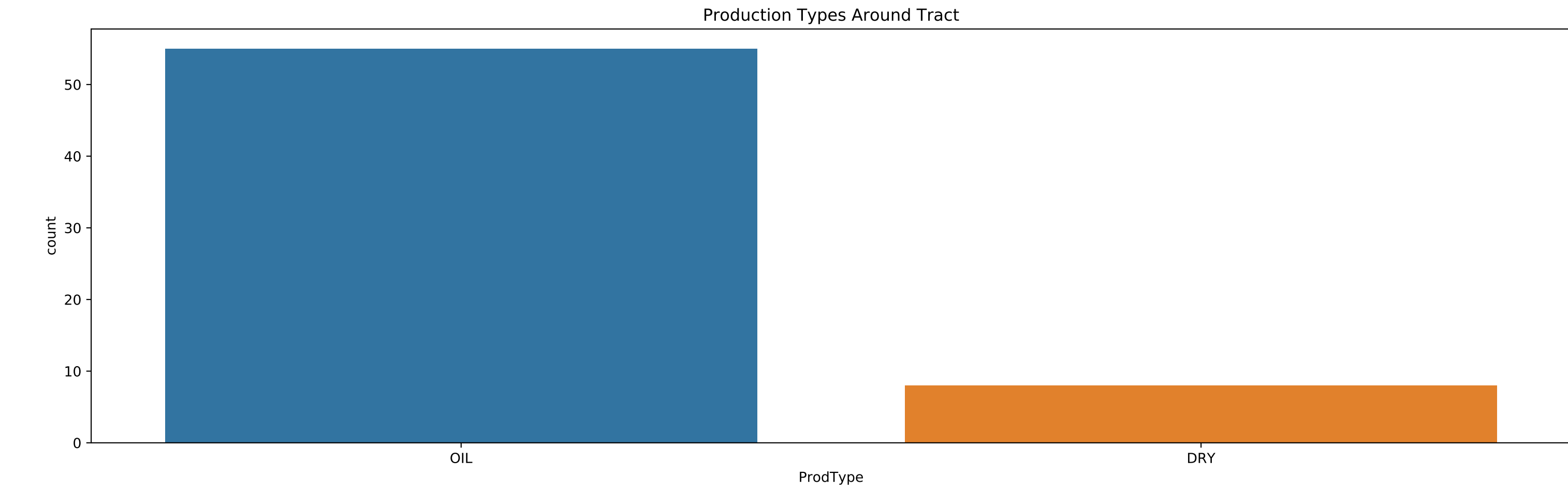
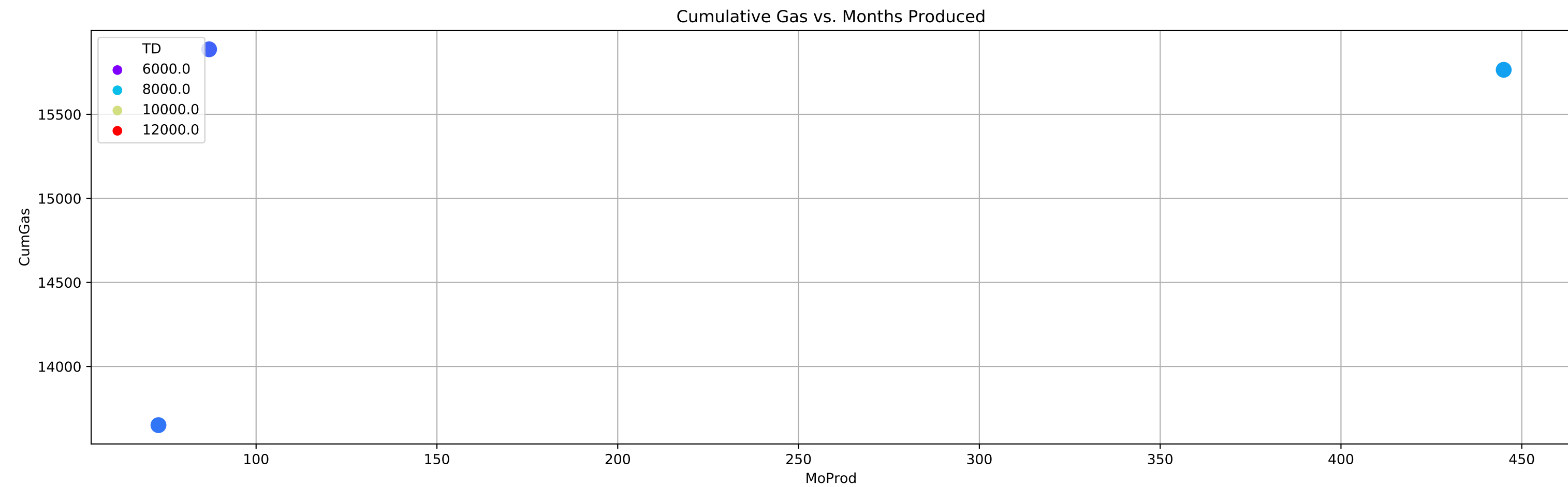
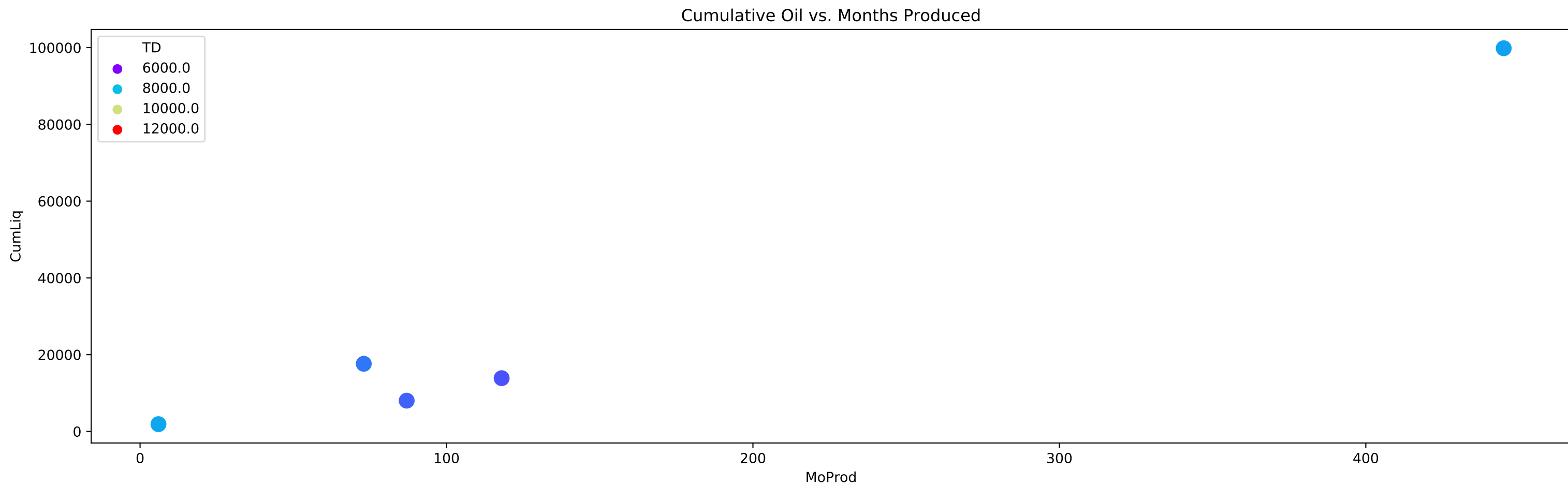
## Permit Horizontal Lengths - Binned



Production Dashboard for tract 119



# Old Production Outside of Tract 119 - 3 Mi Radius

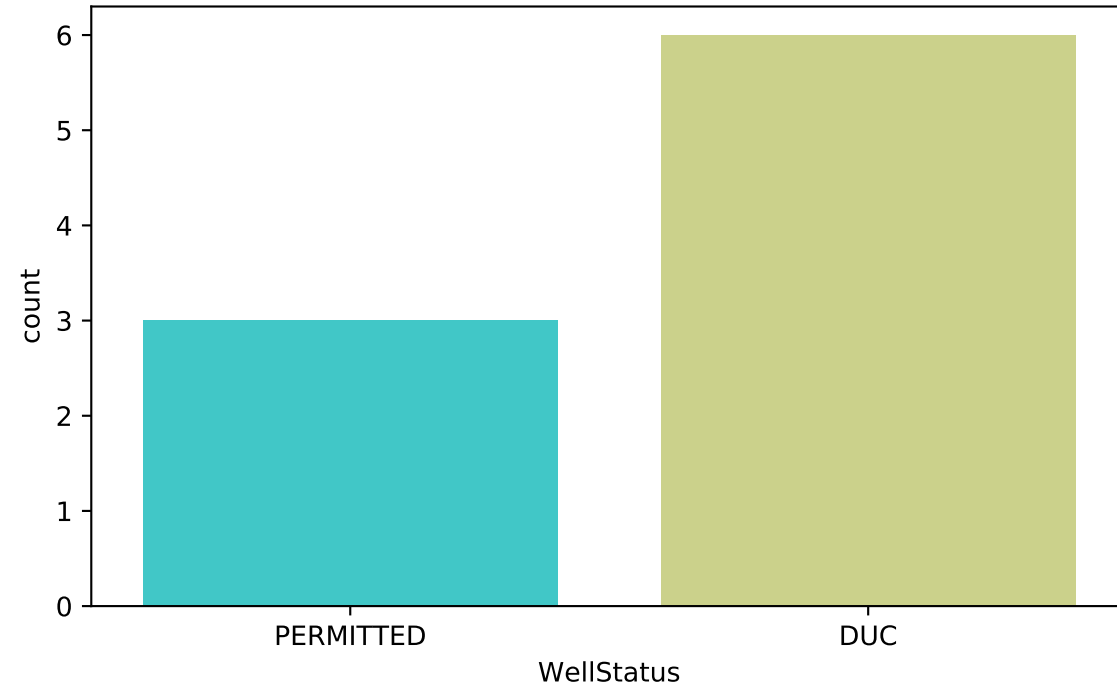




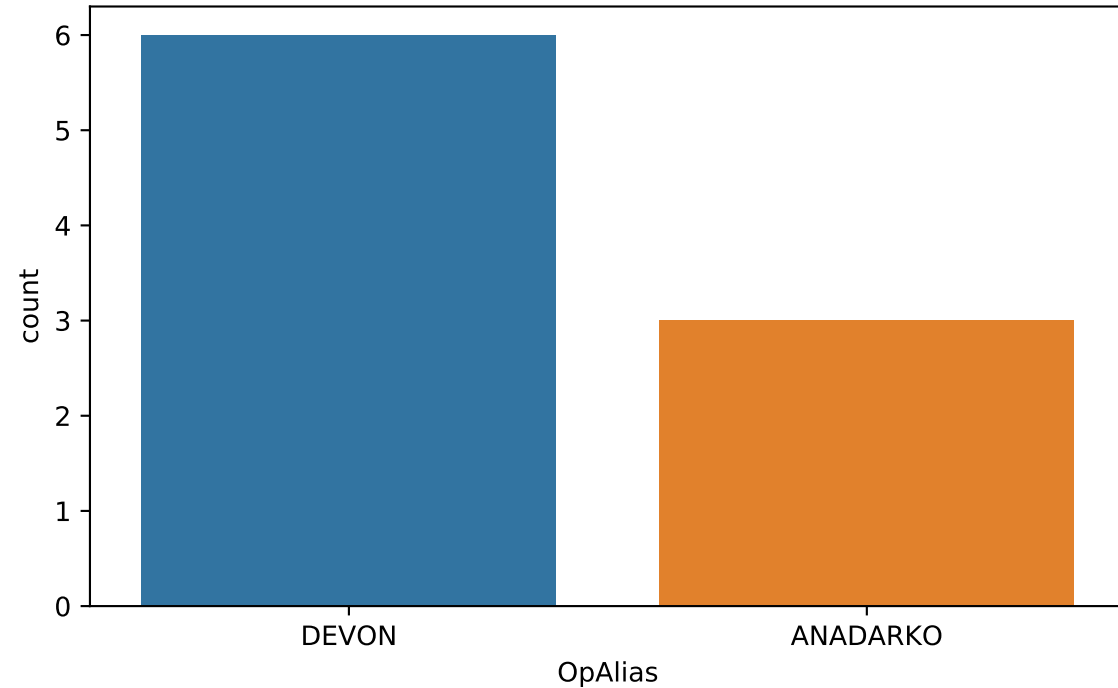
# Permit Summary for Tract 26

## Total permits: 9

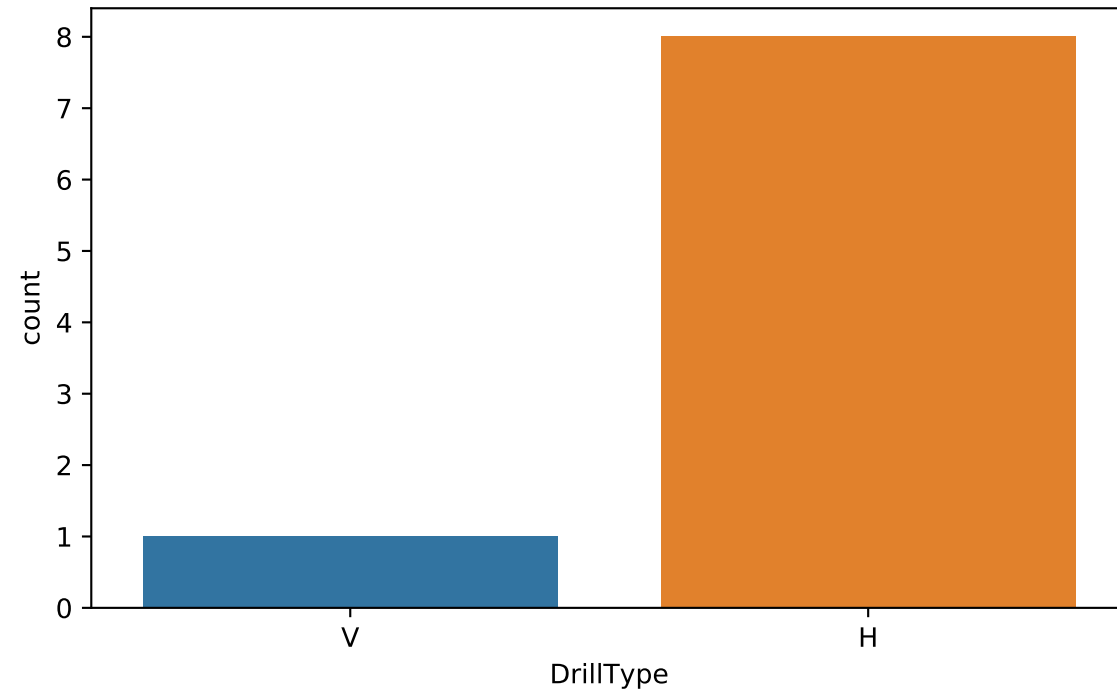
### Permits by Well Status



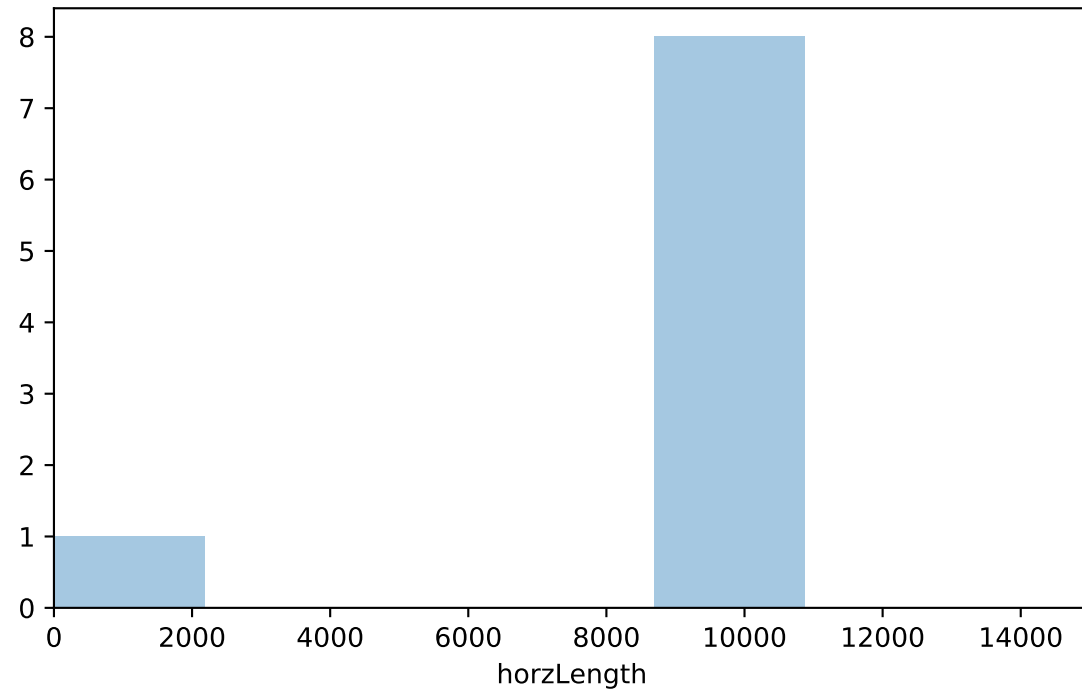
### Permits by Operator



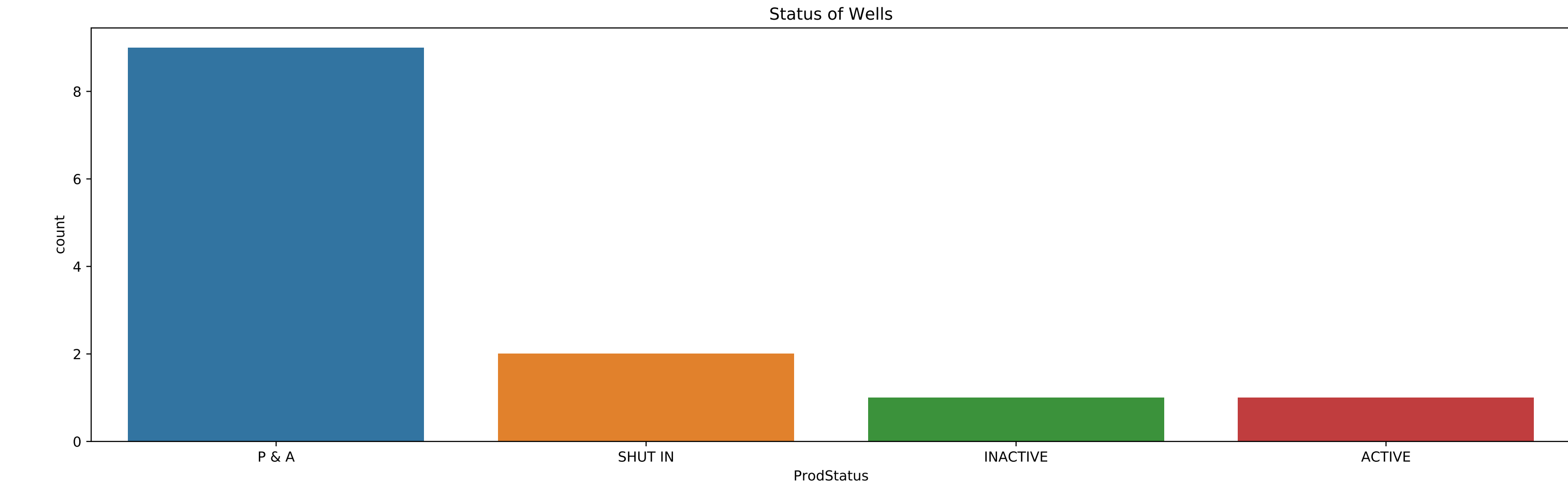
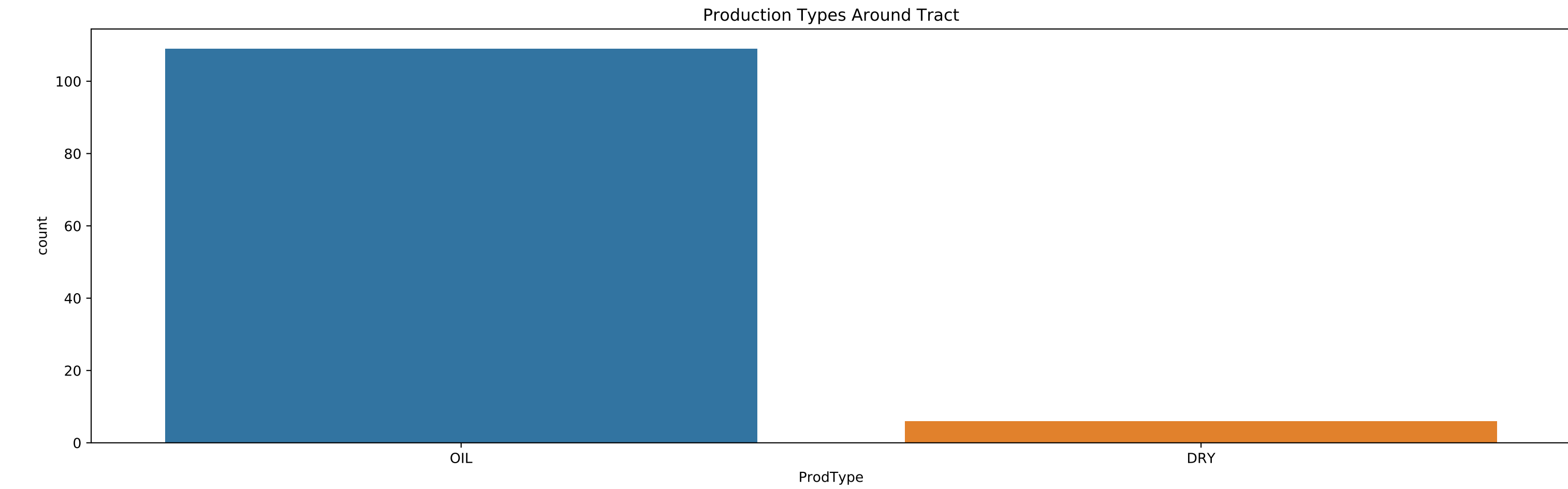
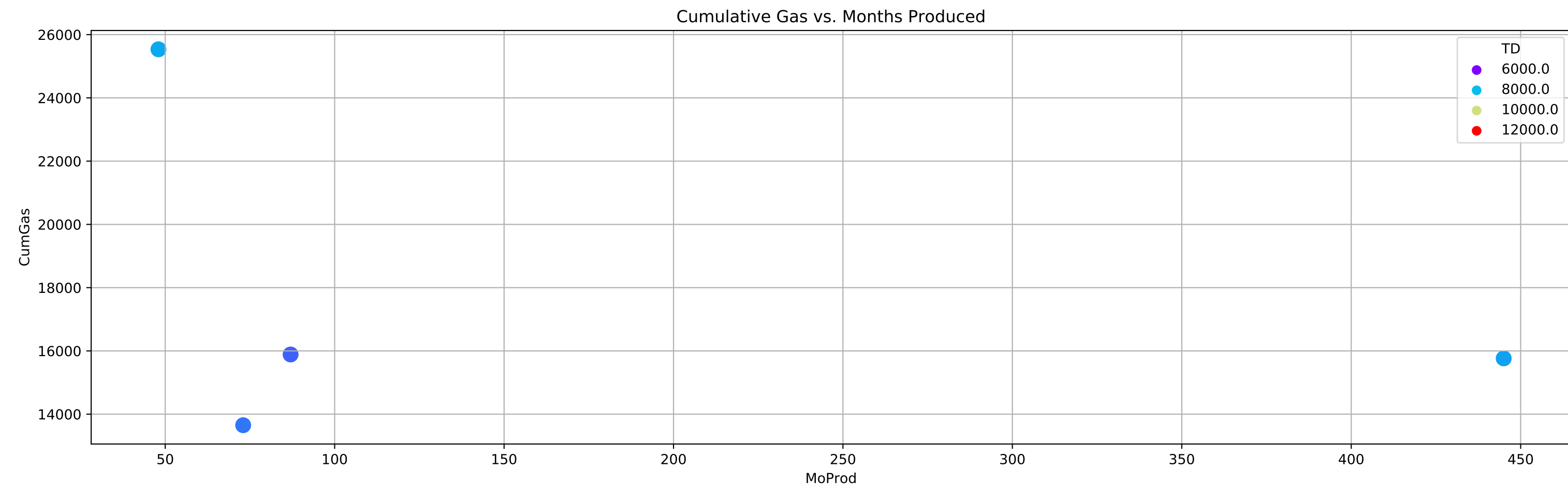
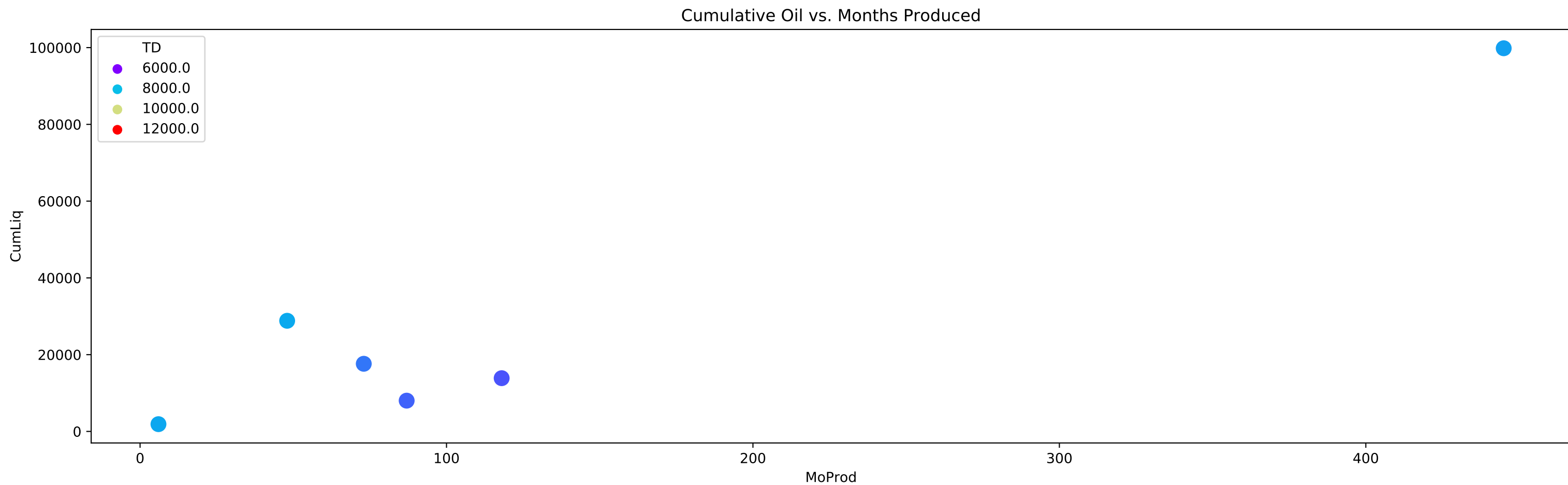
### Permits by Well Type (H,D,V)



### Permit Horizontal Lengths - Binned



# Old Production Outside of Tract 26 - 3 Mi Radius



# Permit Summary for Tract 29

Total permits: 7

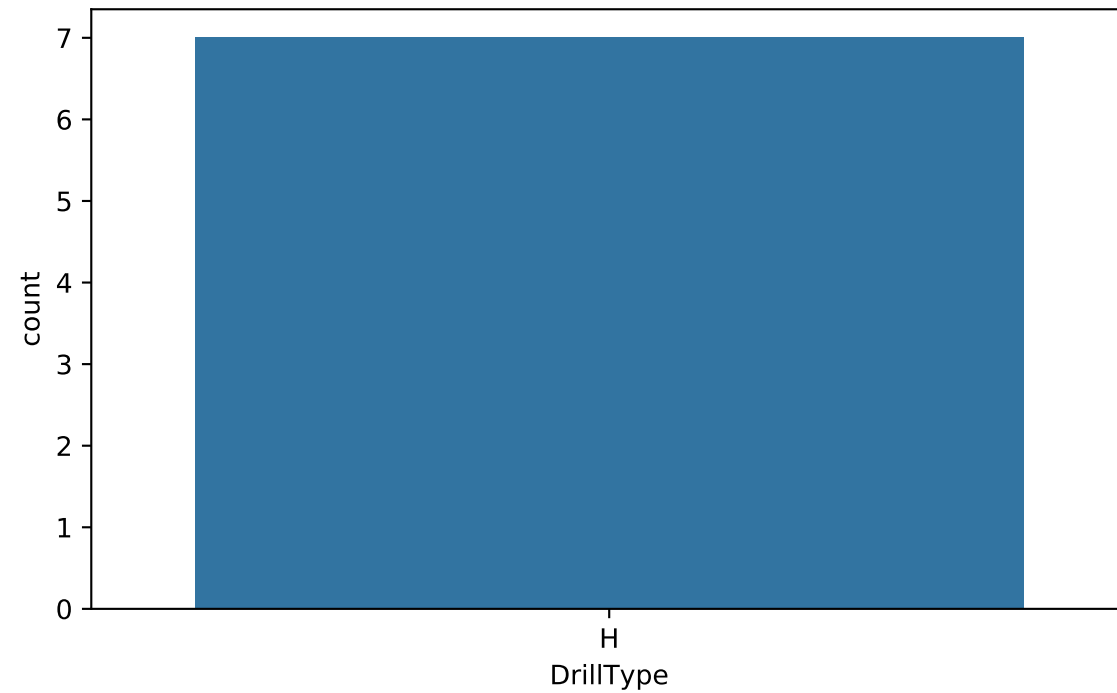
## Permits by Well Status



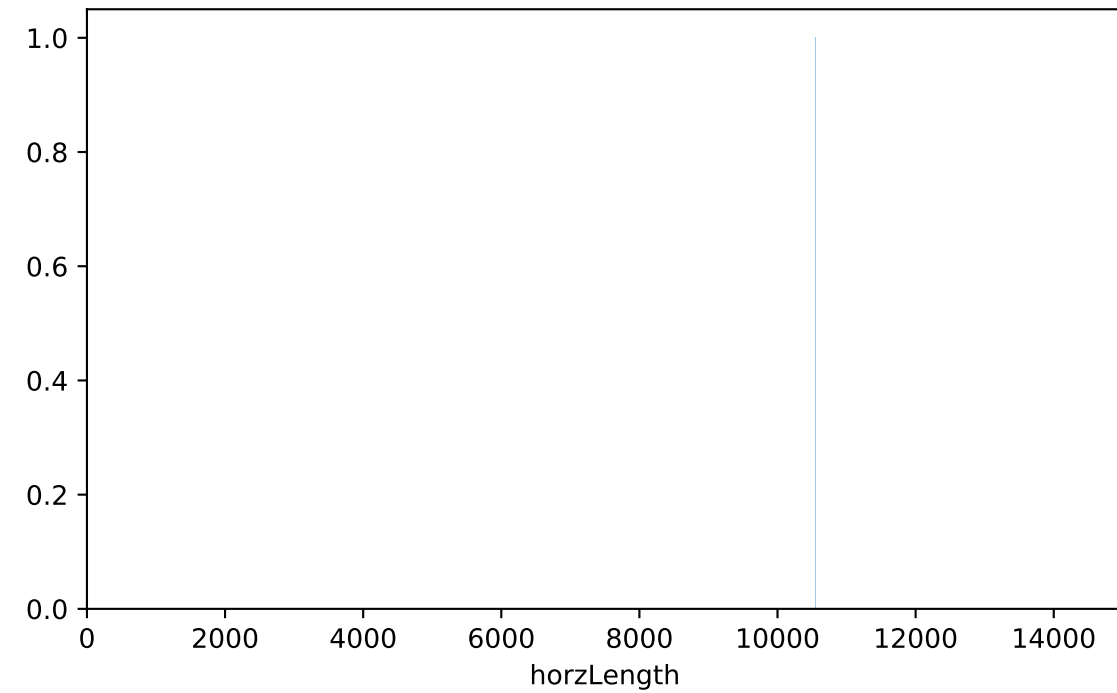
## Permits by Operator



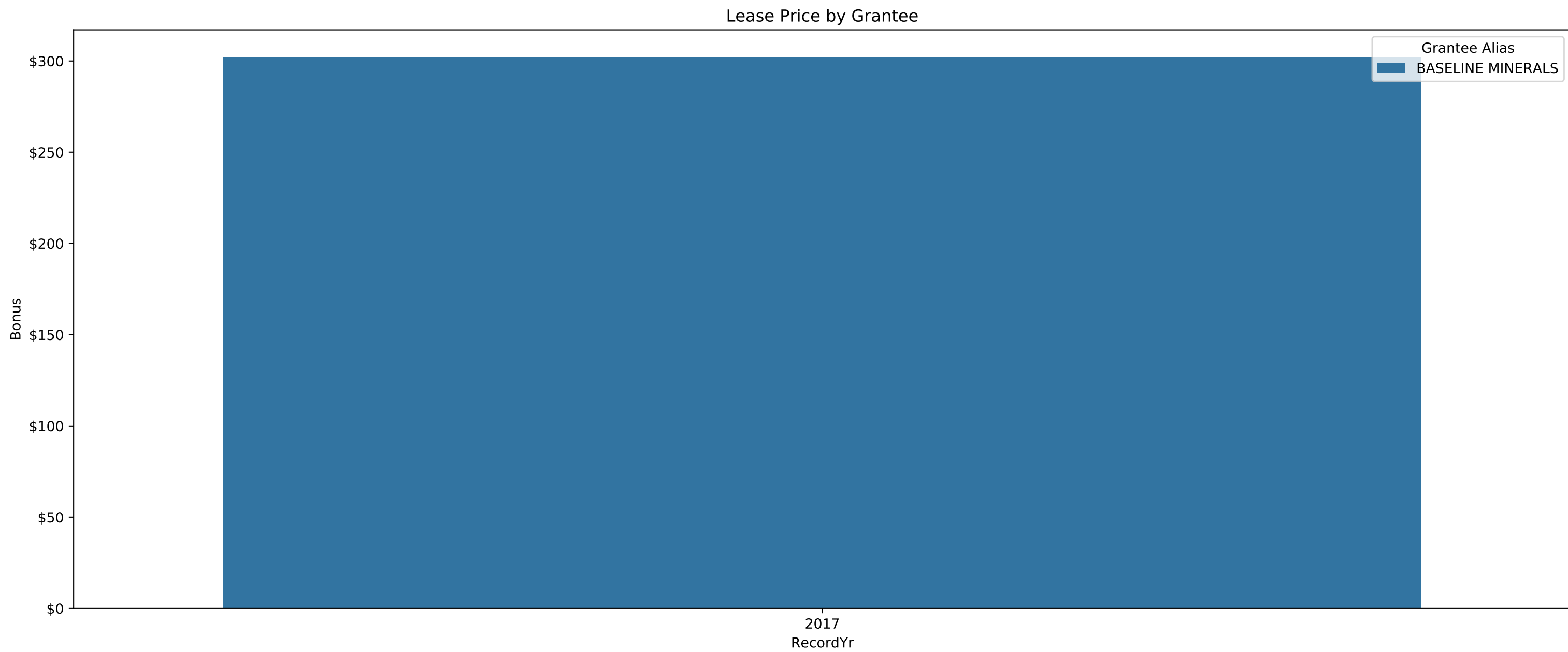
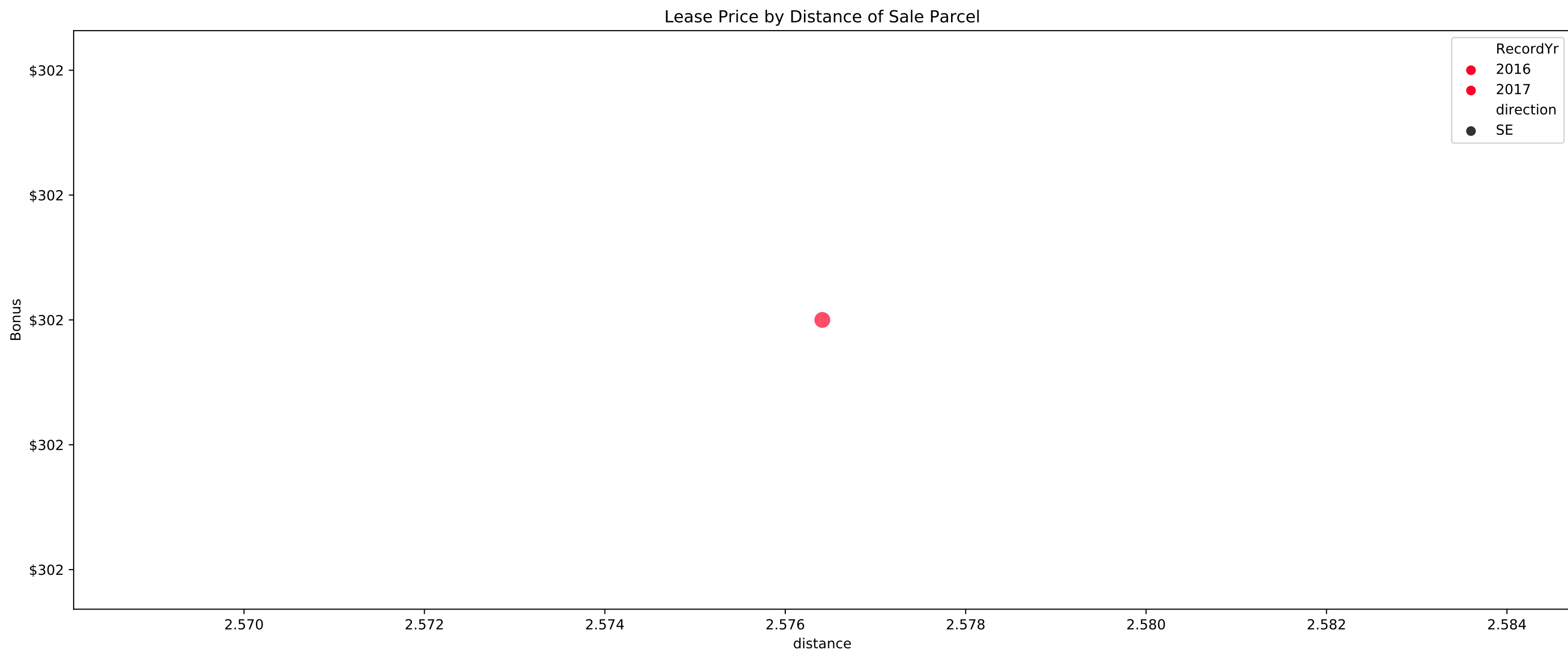
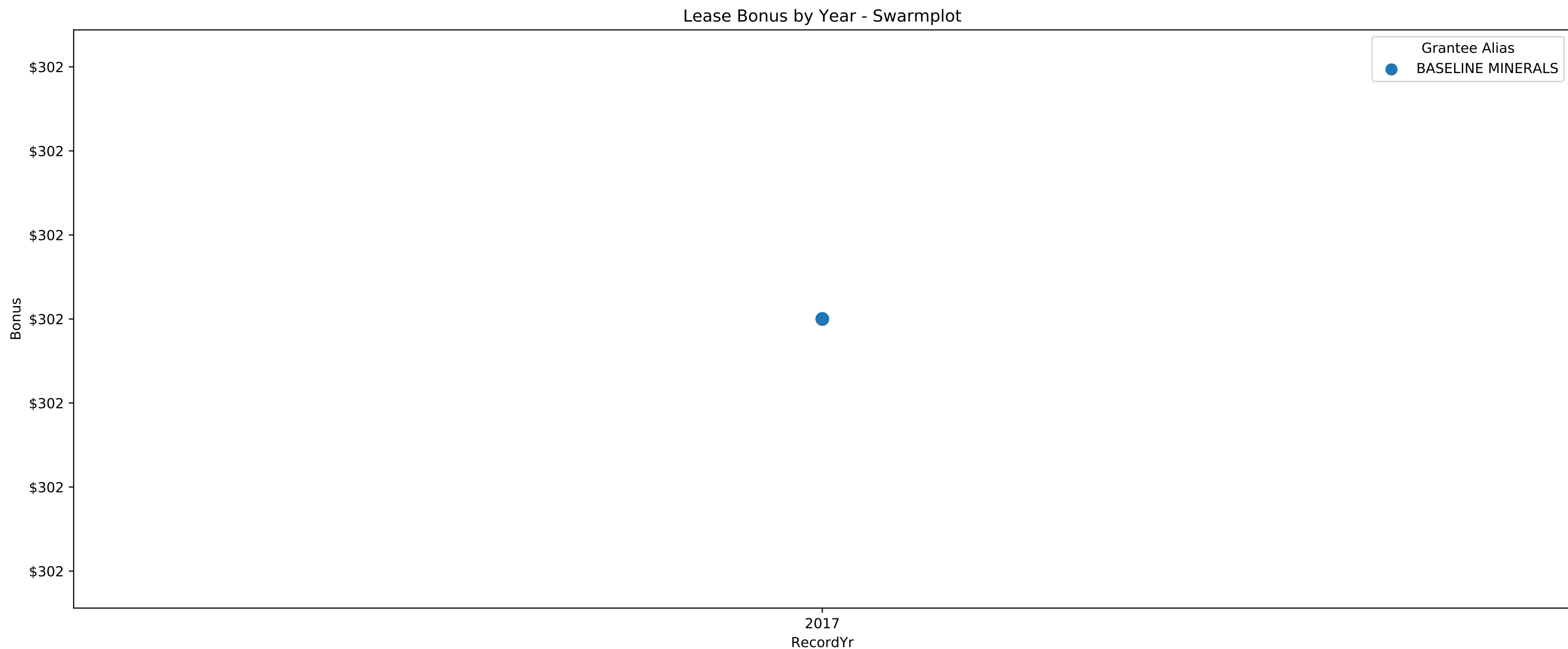
## Permits by Well Type (H,D,V)



## Permit Horizontal Lengths - Binned

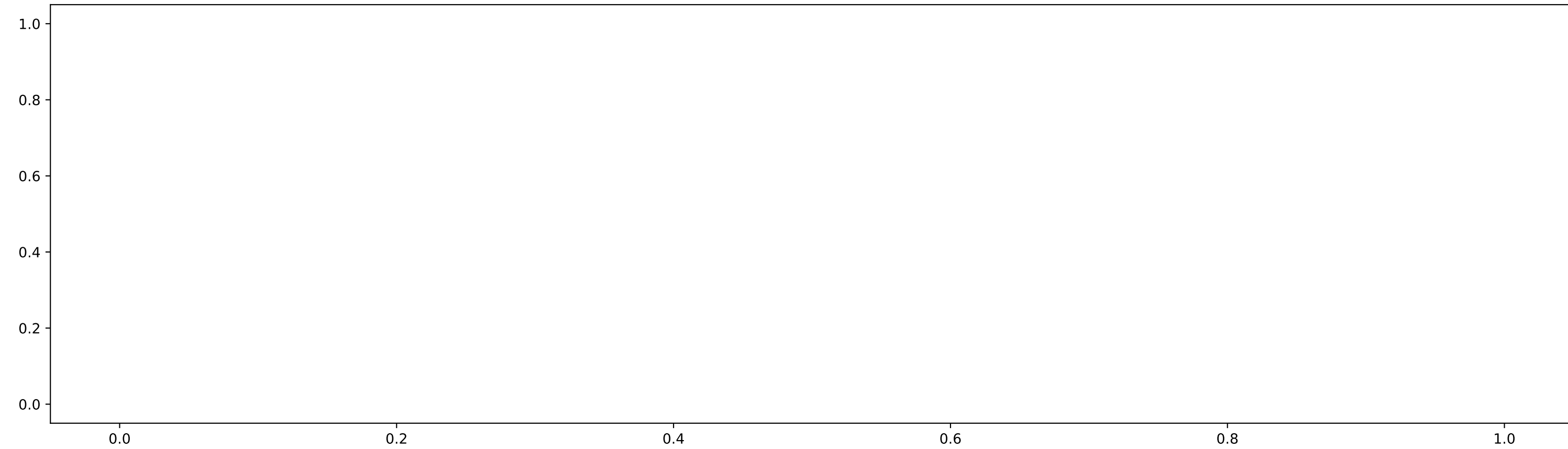


Lease Summary for tract 29  
Total Number of Leases: 1  
Average Price \$302/acre in 2017

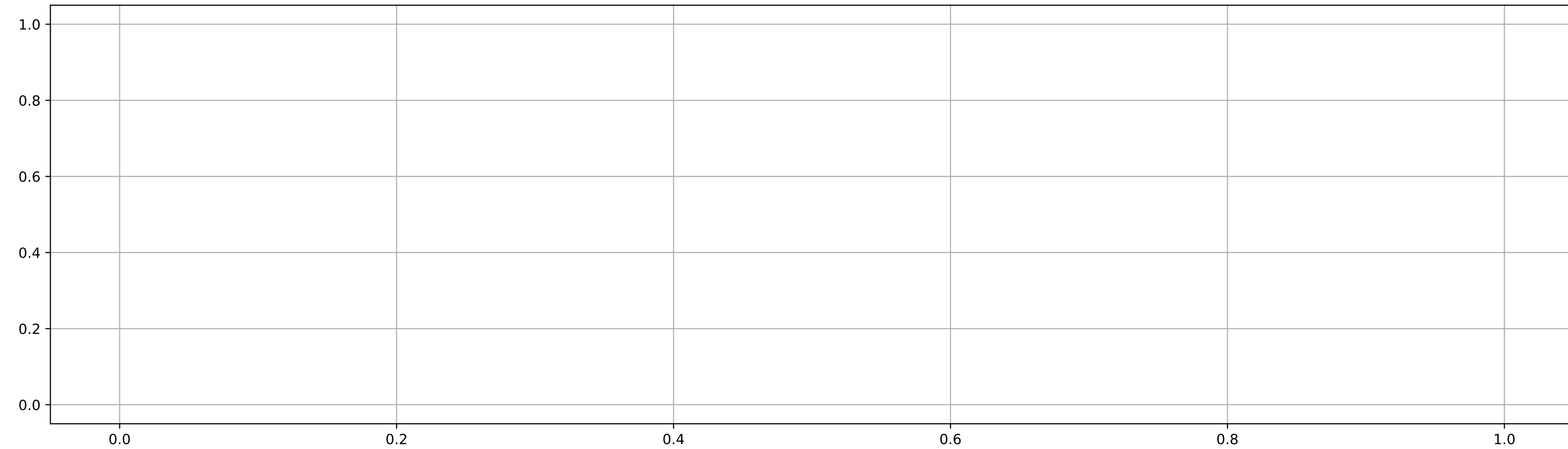


# Old Production Outside of Tract 29 - 3 Mi Radius

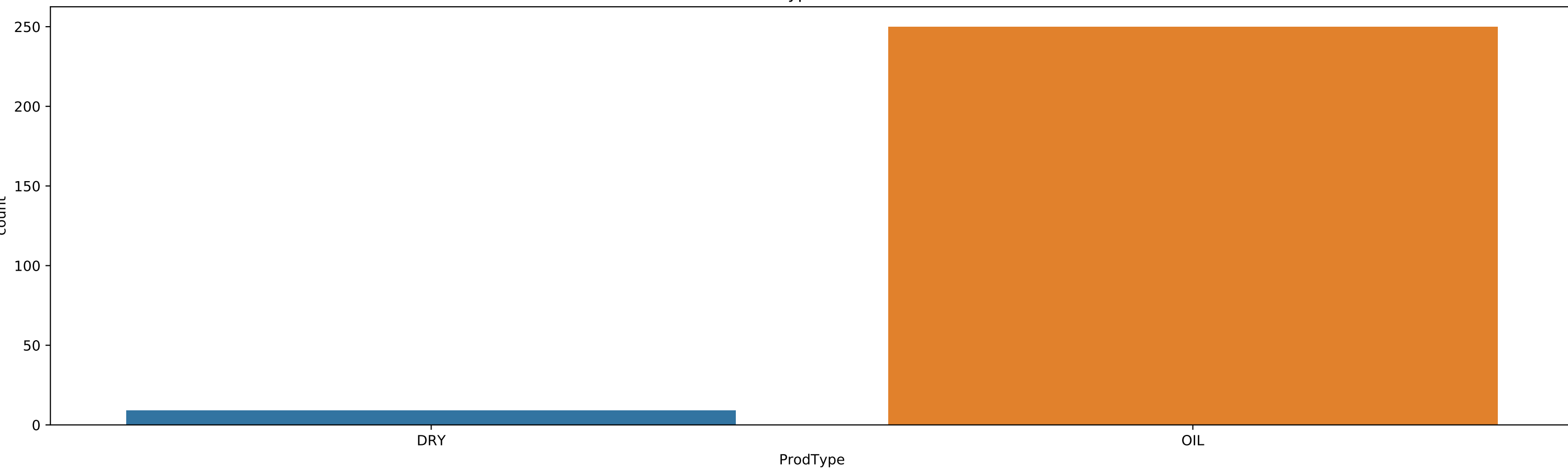
Cumulative Oil vs. Months Produced



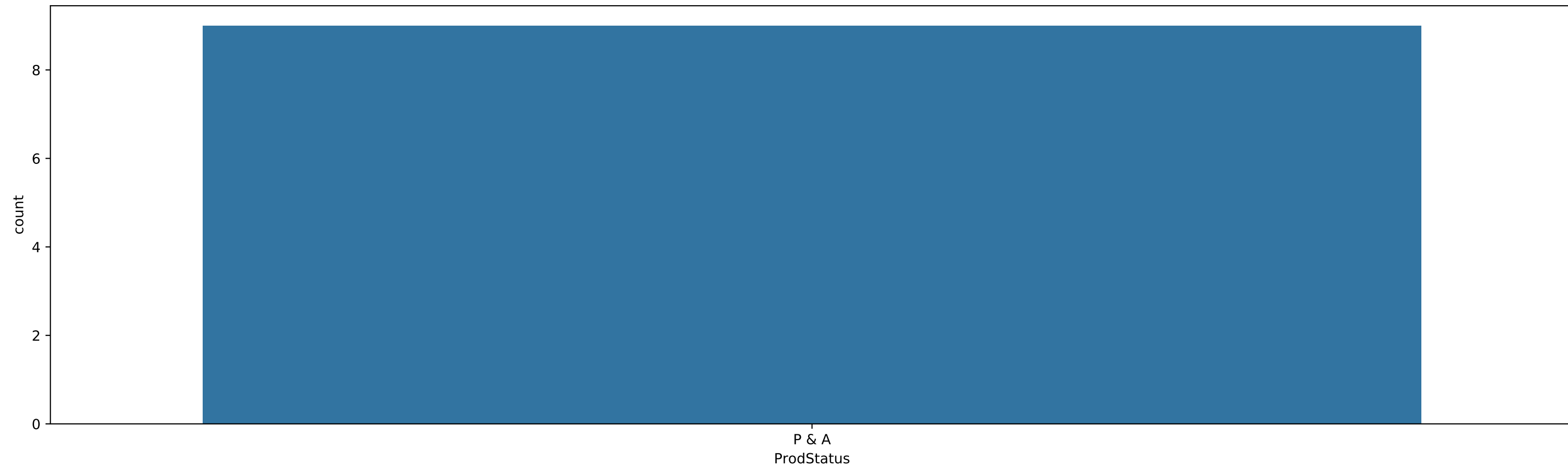
Cumulative Gas vs. Months Produced



Production Types Around Tract



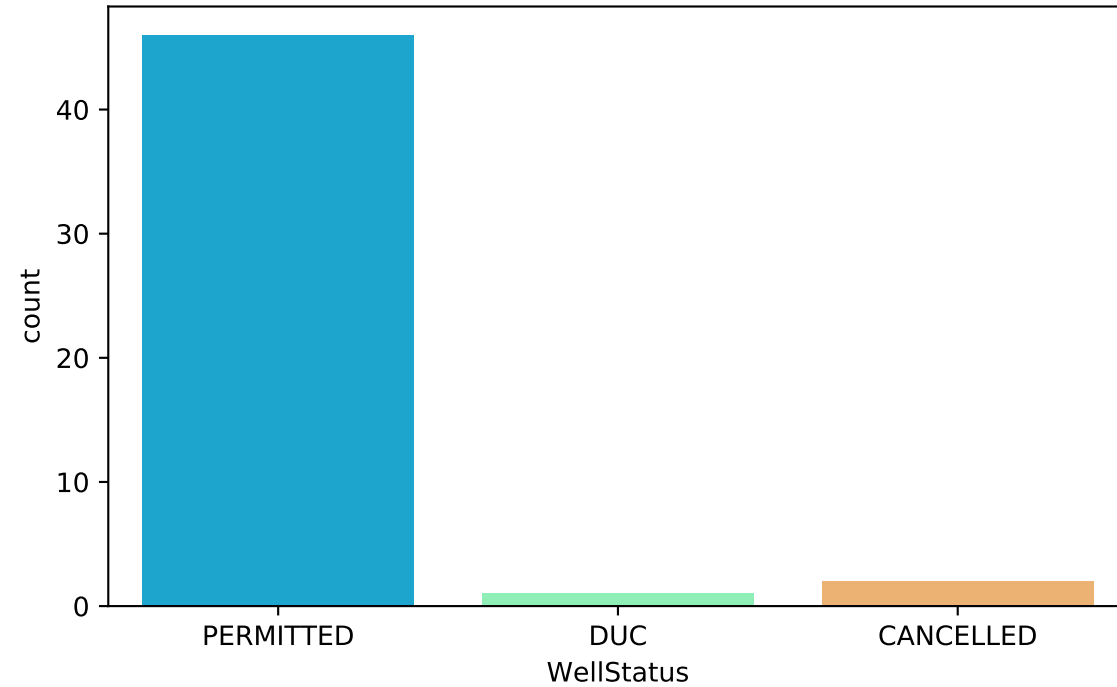
Status of Wells



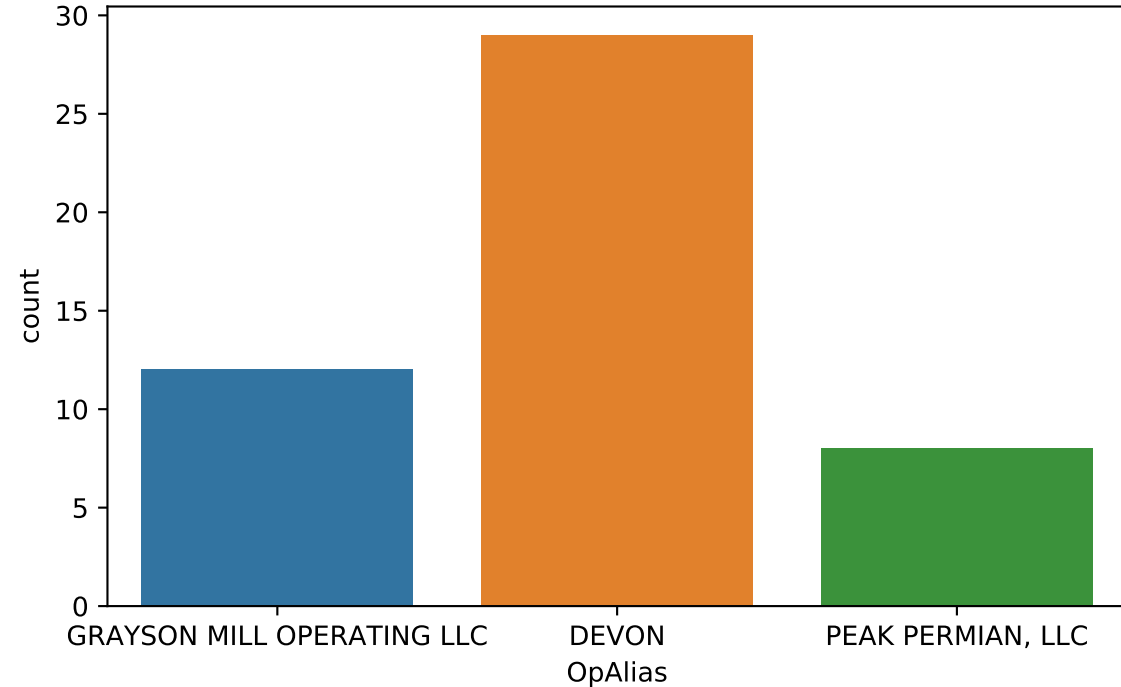
# Permit Summary for Tract 35

## Total permits: 49

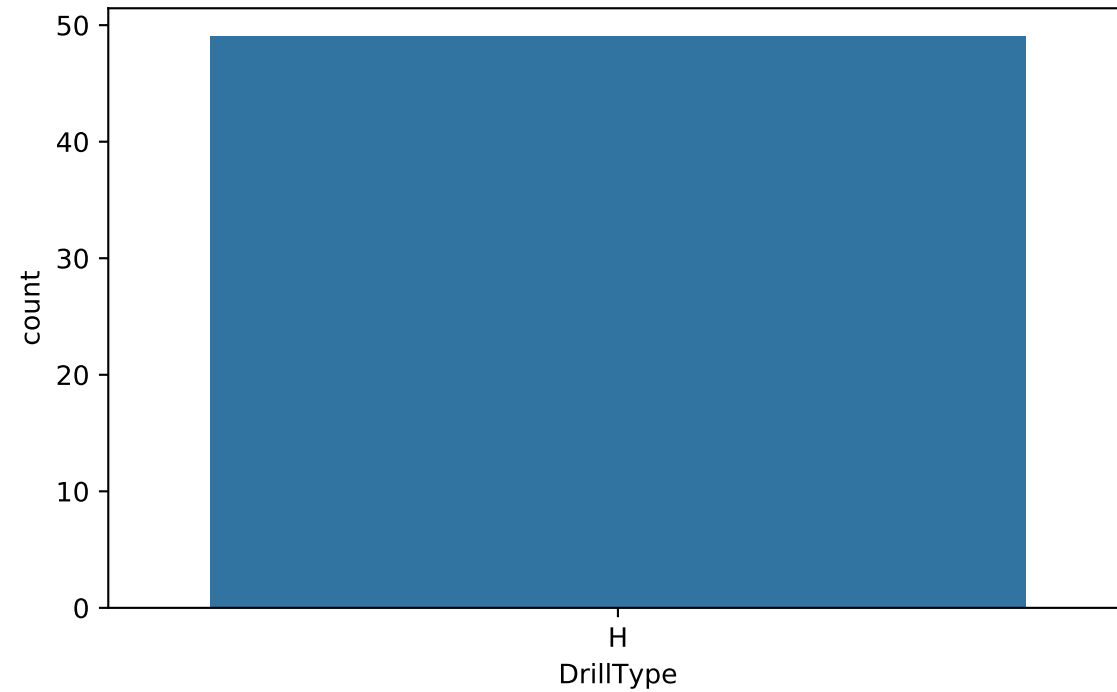
### Permits by Well Status



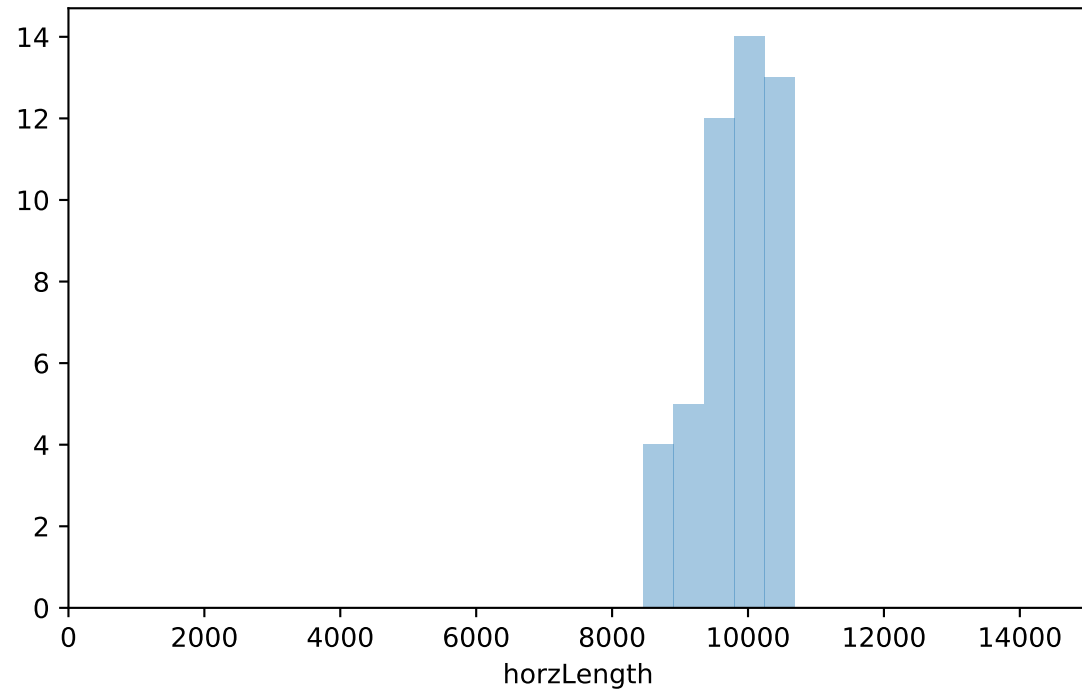
### Permits by Operator



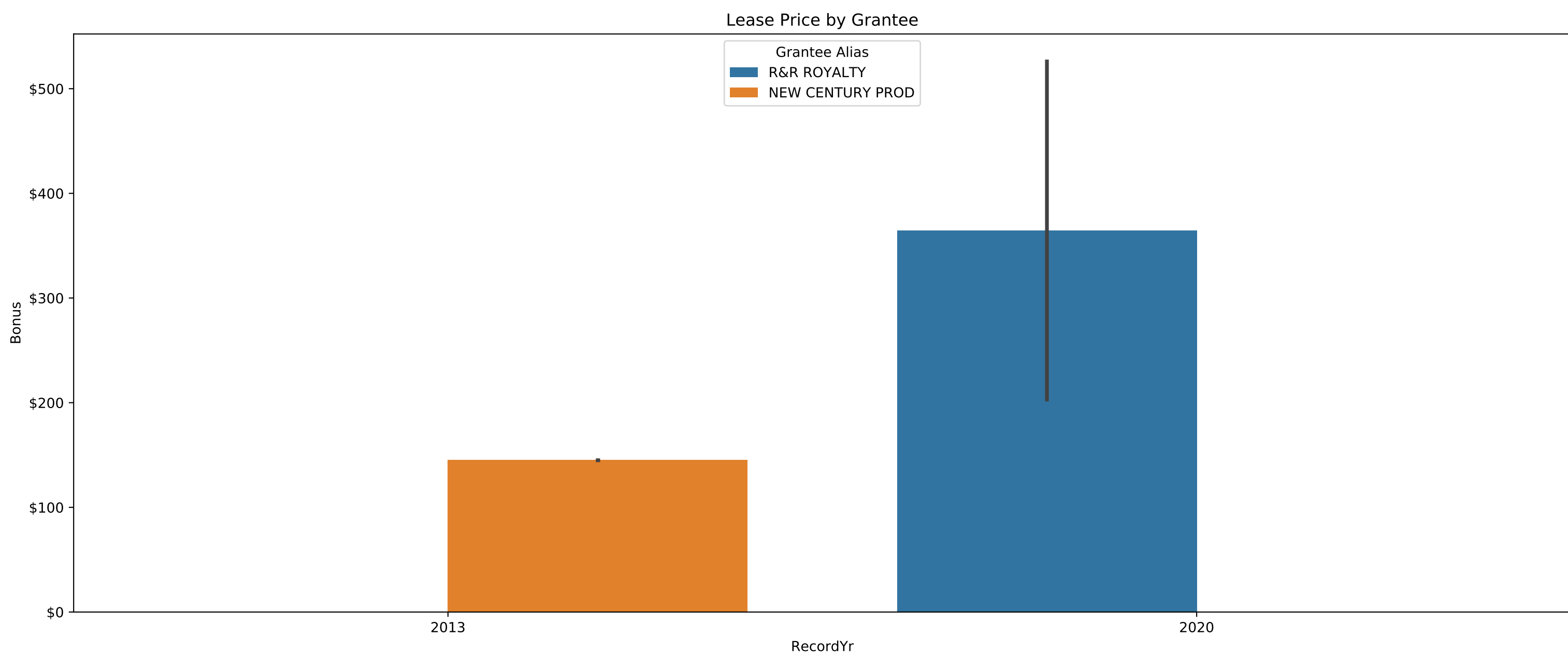
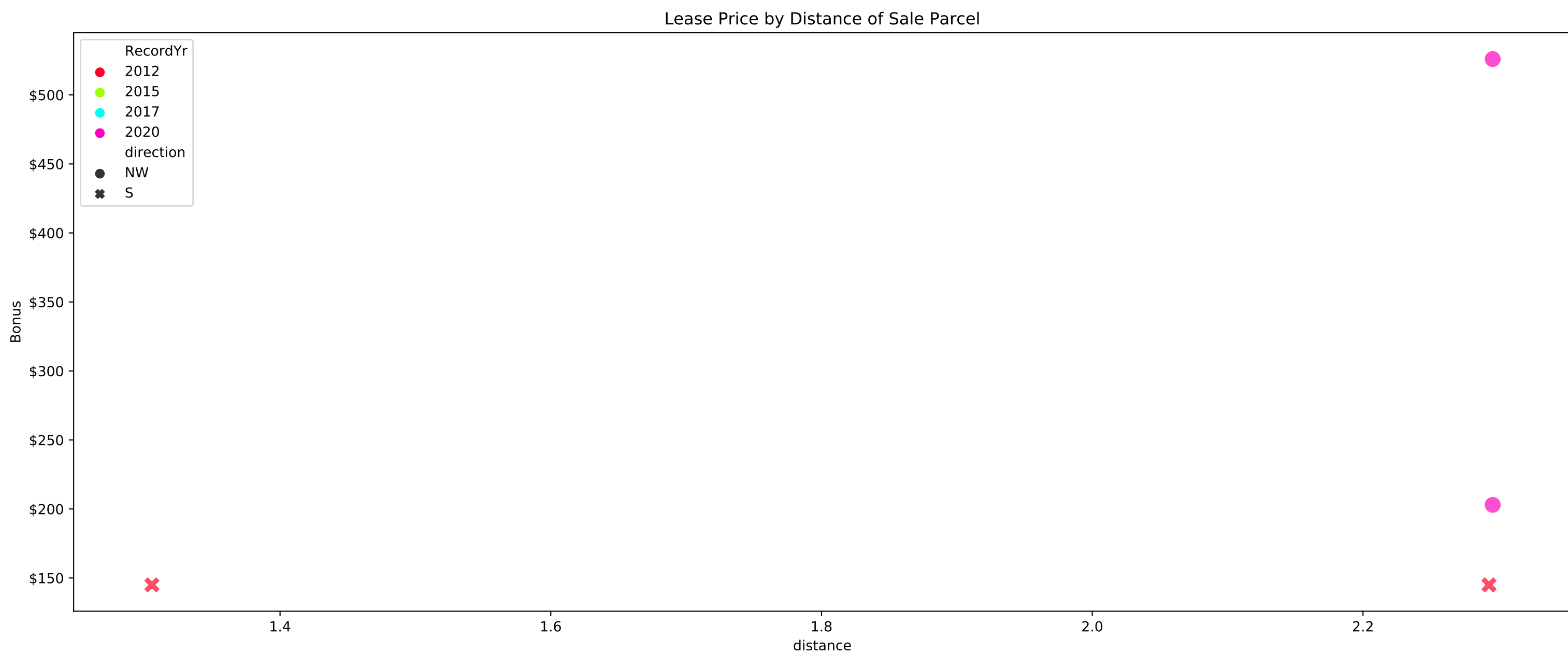
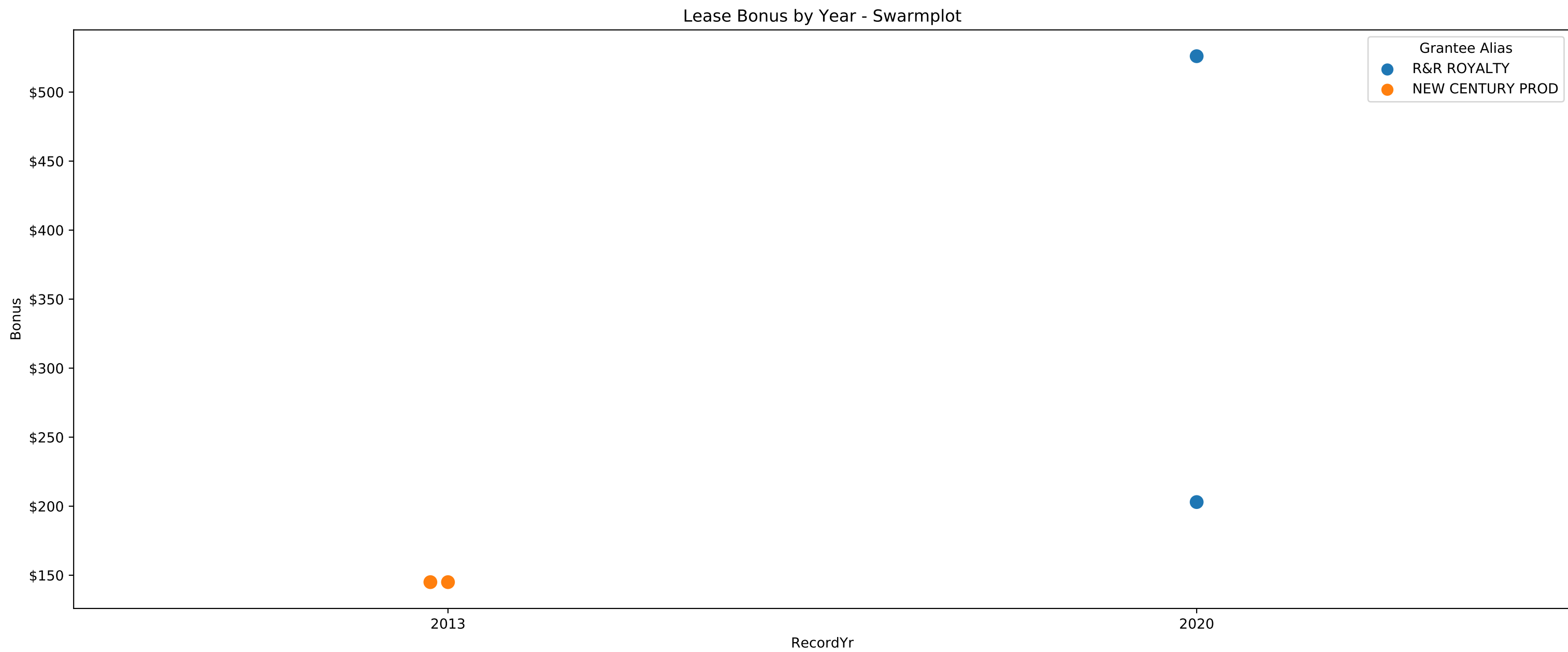
### Permits by Well Type (H,D,V)



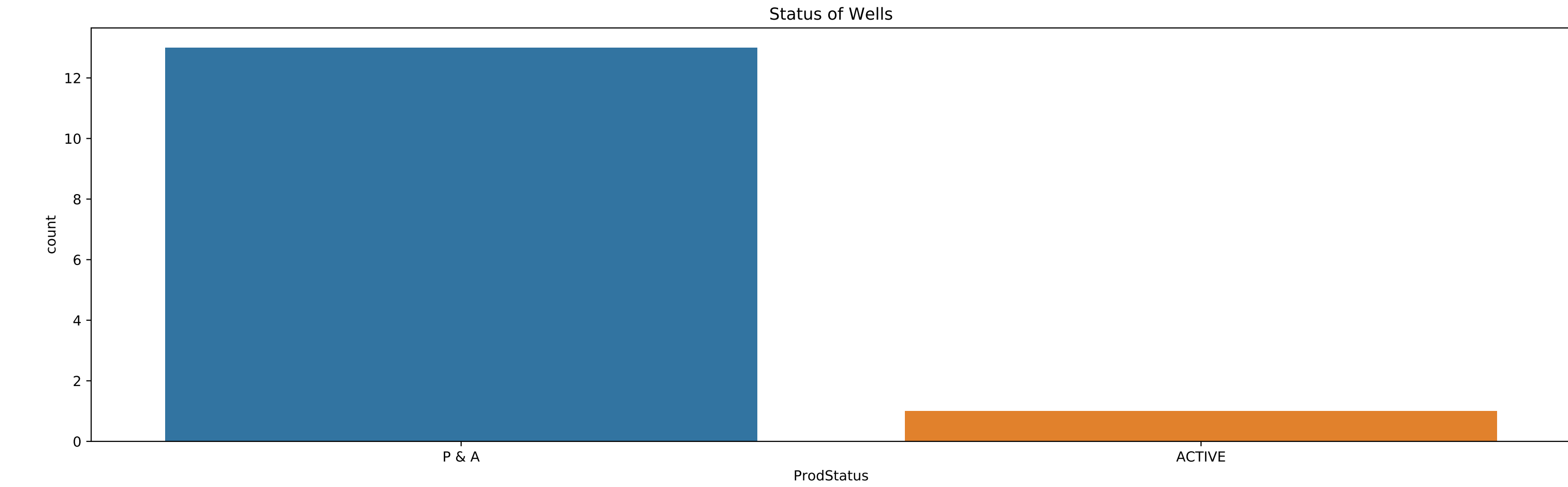
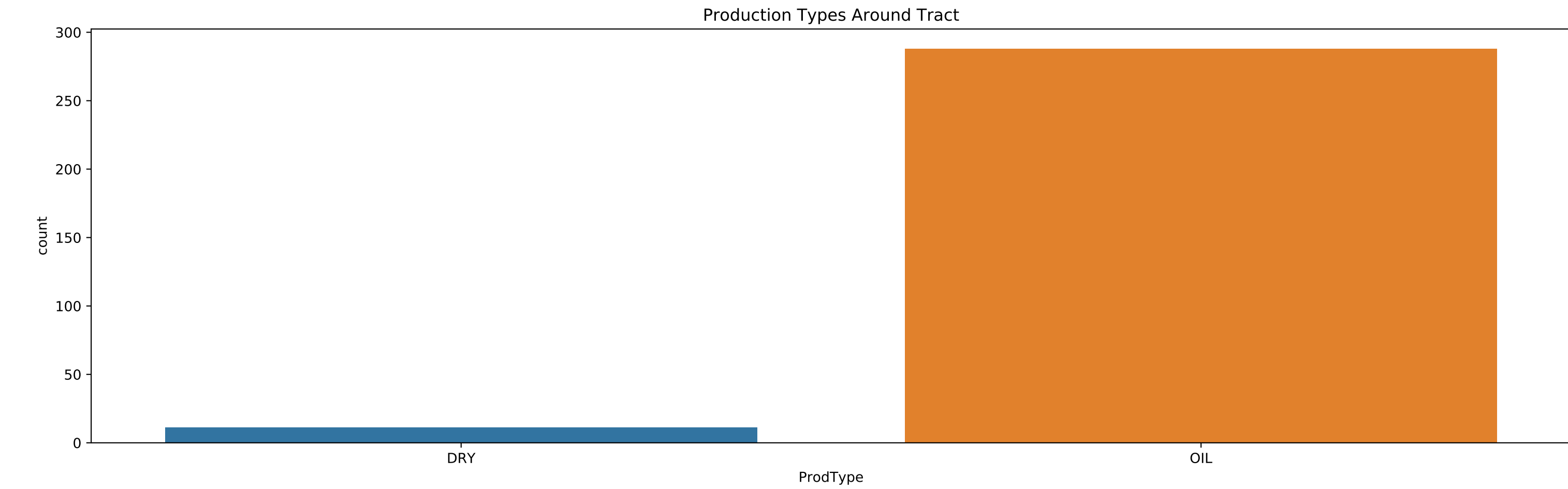
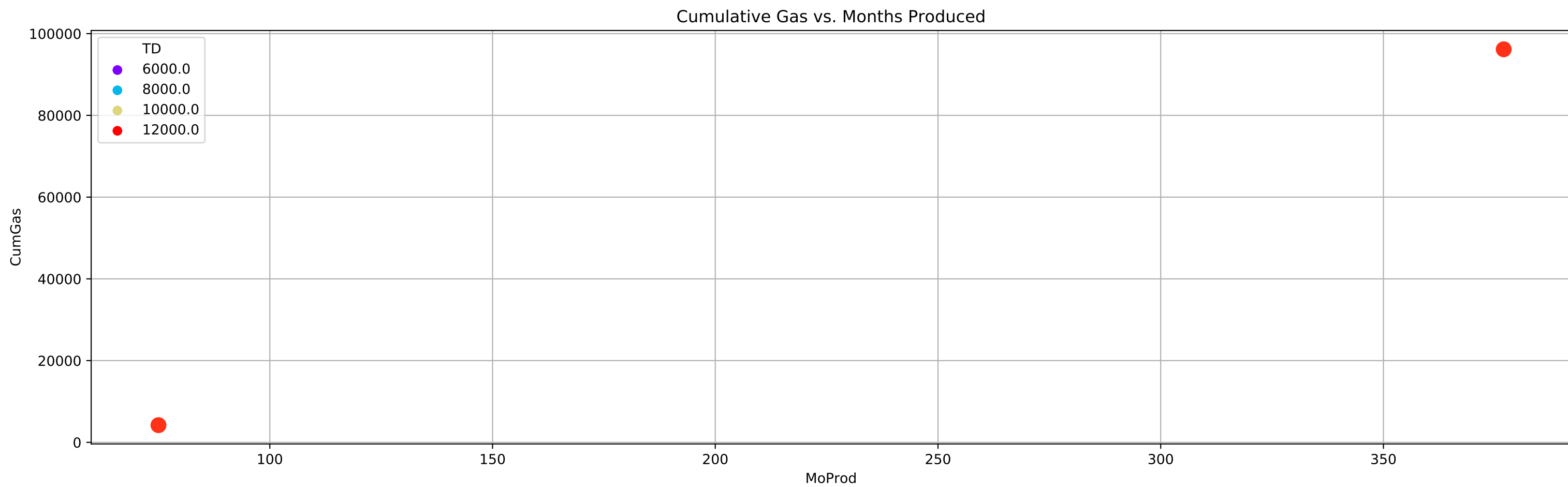
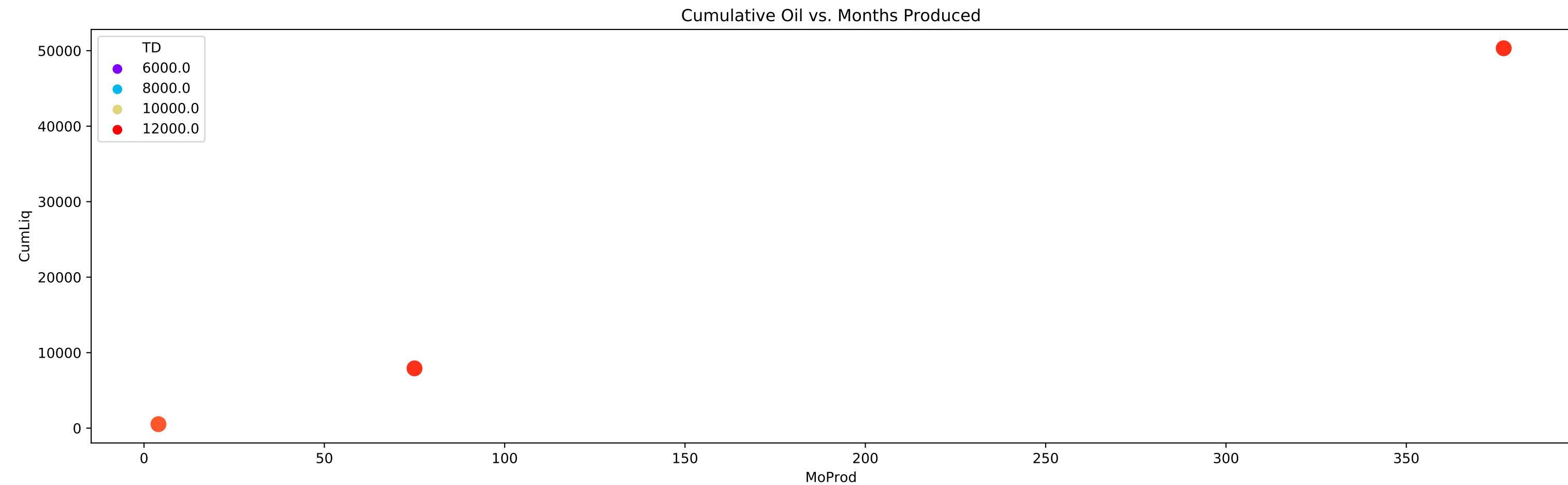
### Permit Horizontal Lengths - Binned



Lease Summary for tract 35  
Total Number of Leases: 4  
Average Price \$364/acre in 2020



# Old Production Outside of Tract 35 - 3 Mi Radius





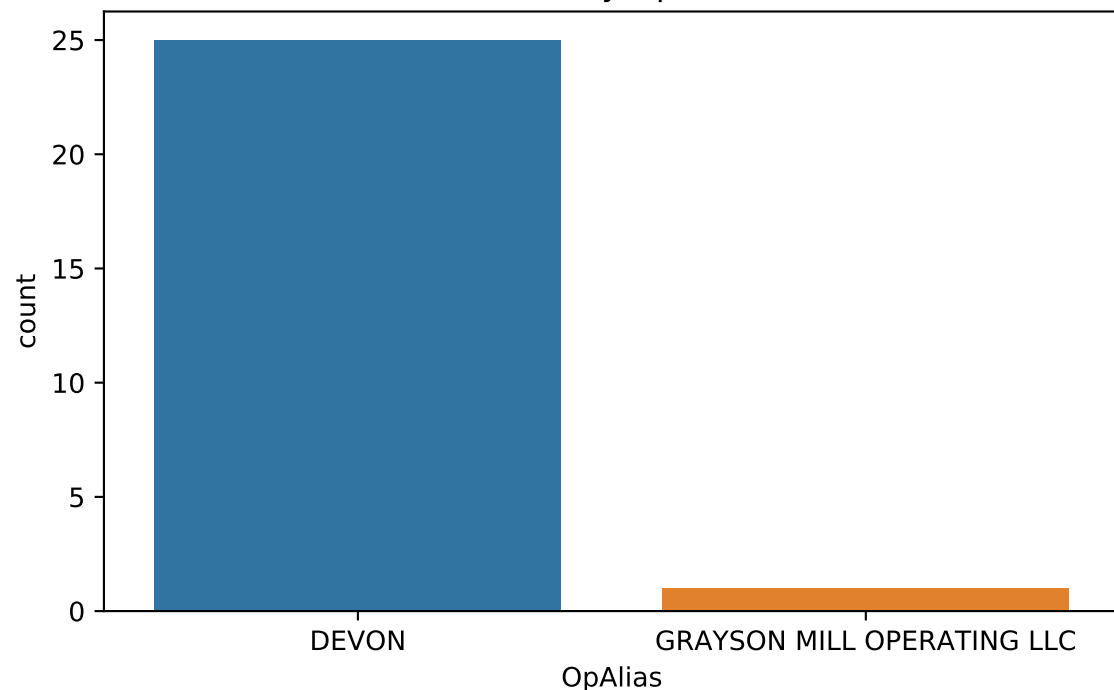
# Permit Summary for Tract 120

Total permits: 26

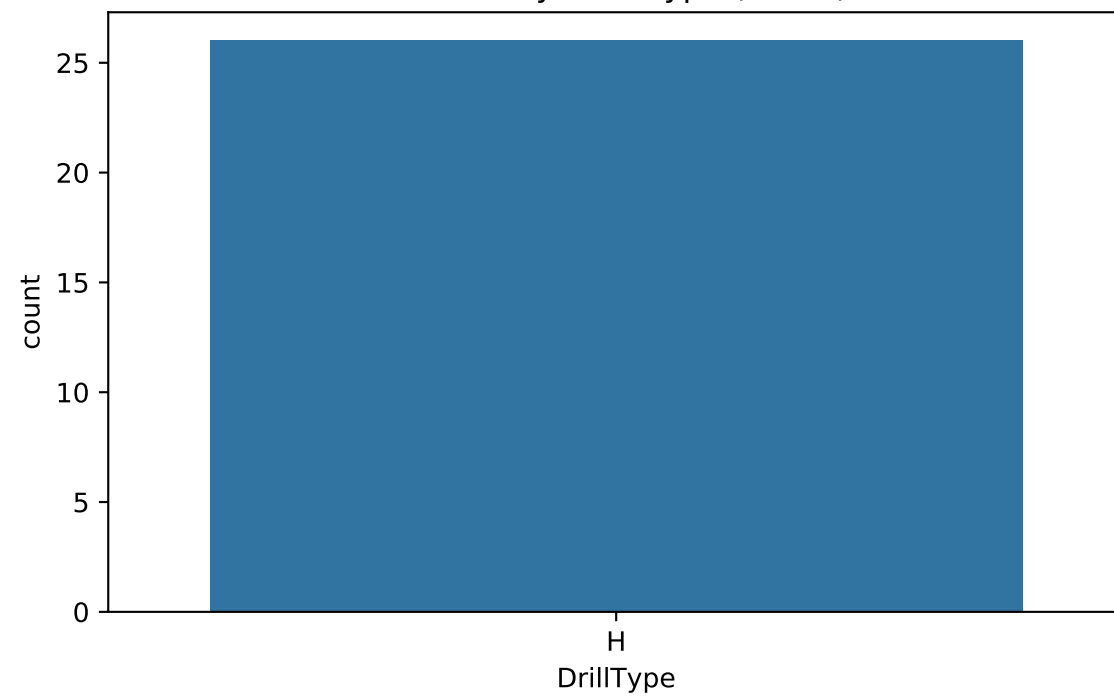
## Permits by Well Status



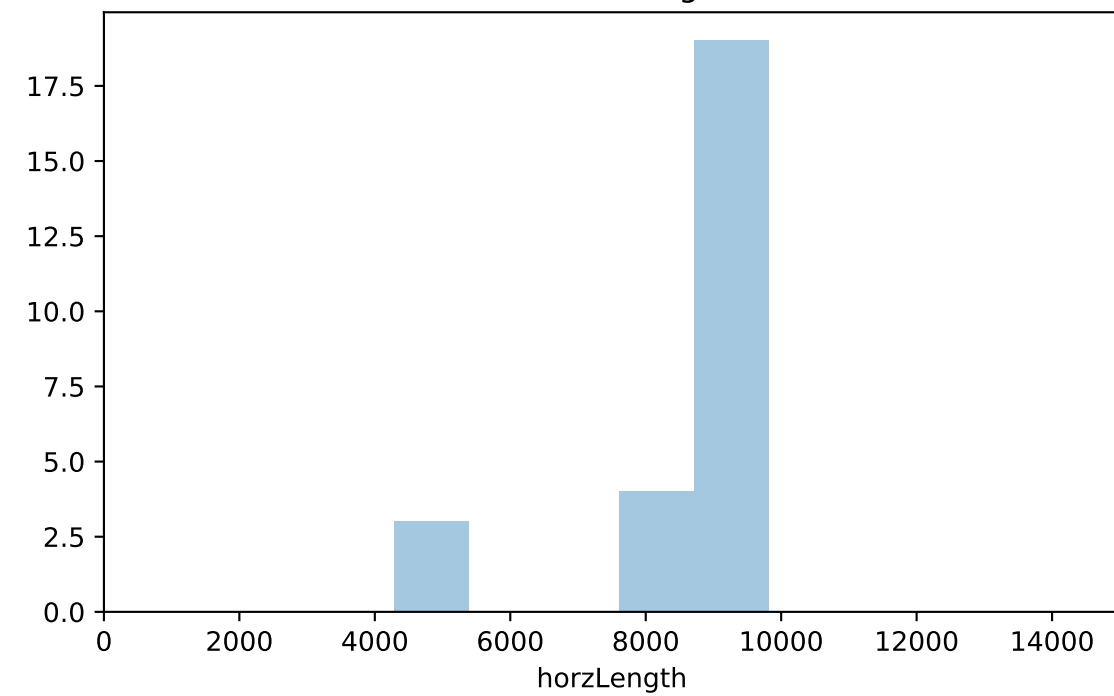
## Permits by Operator



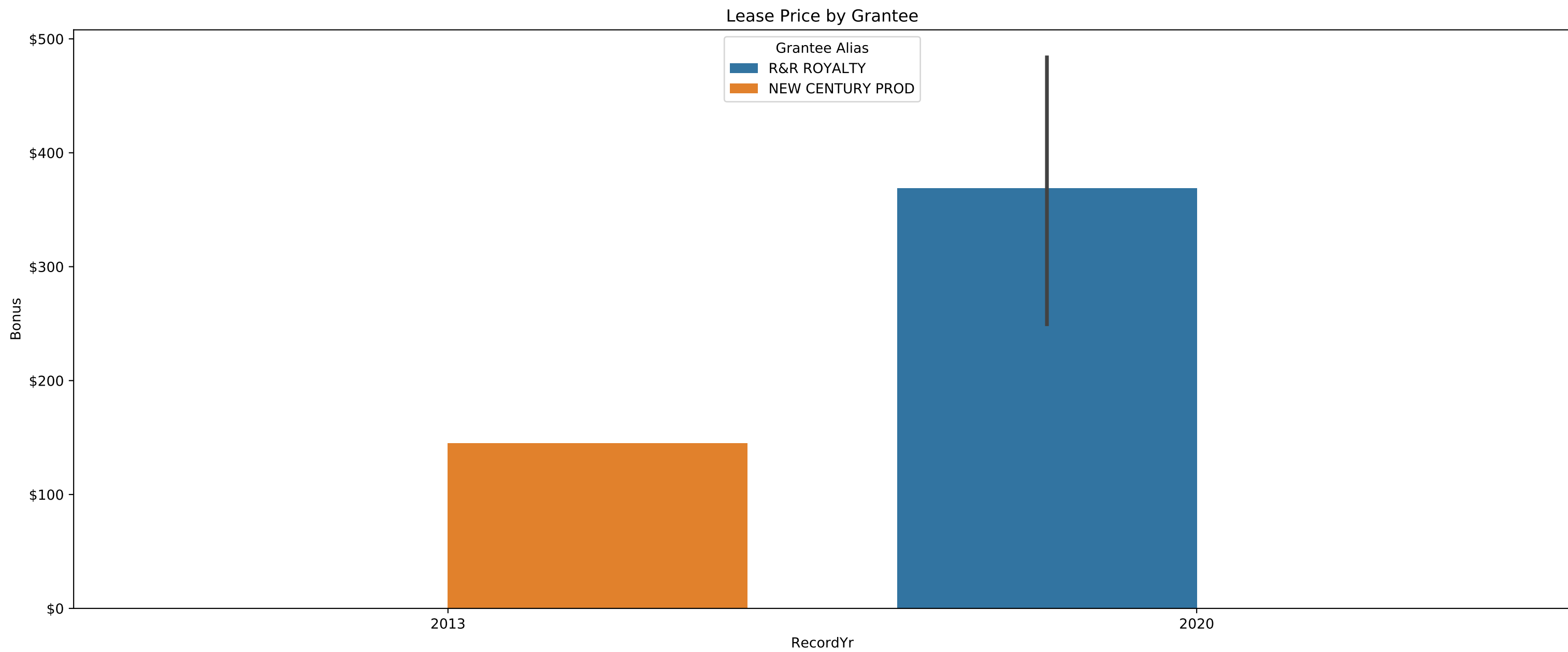
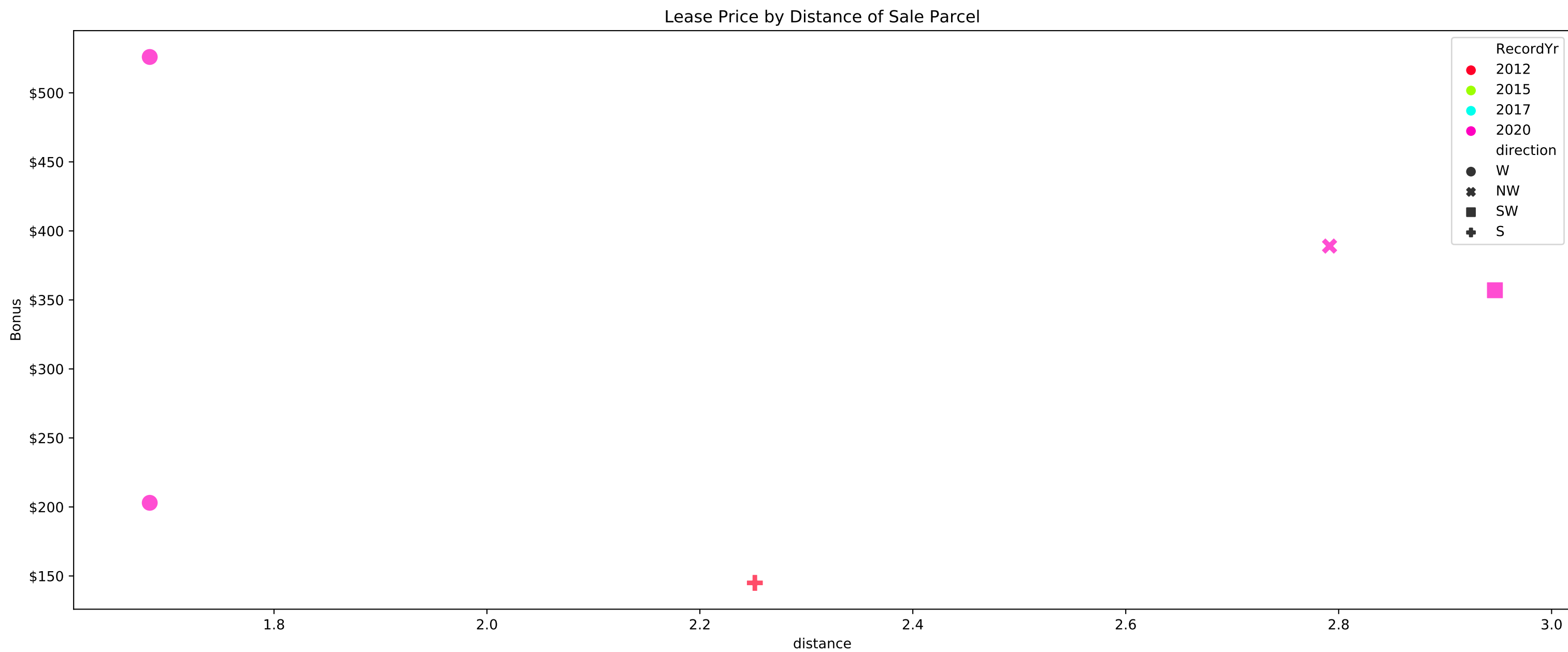
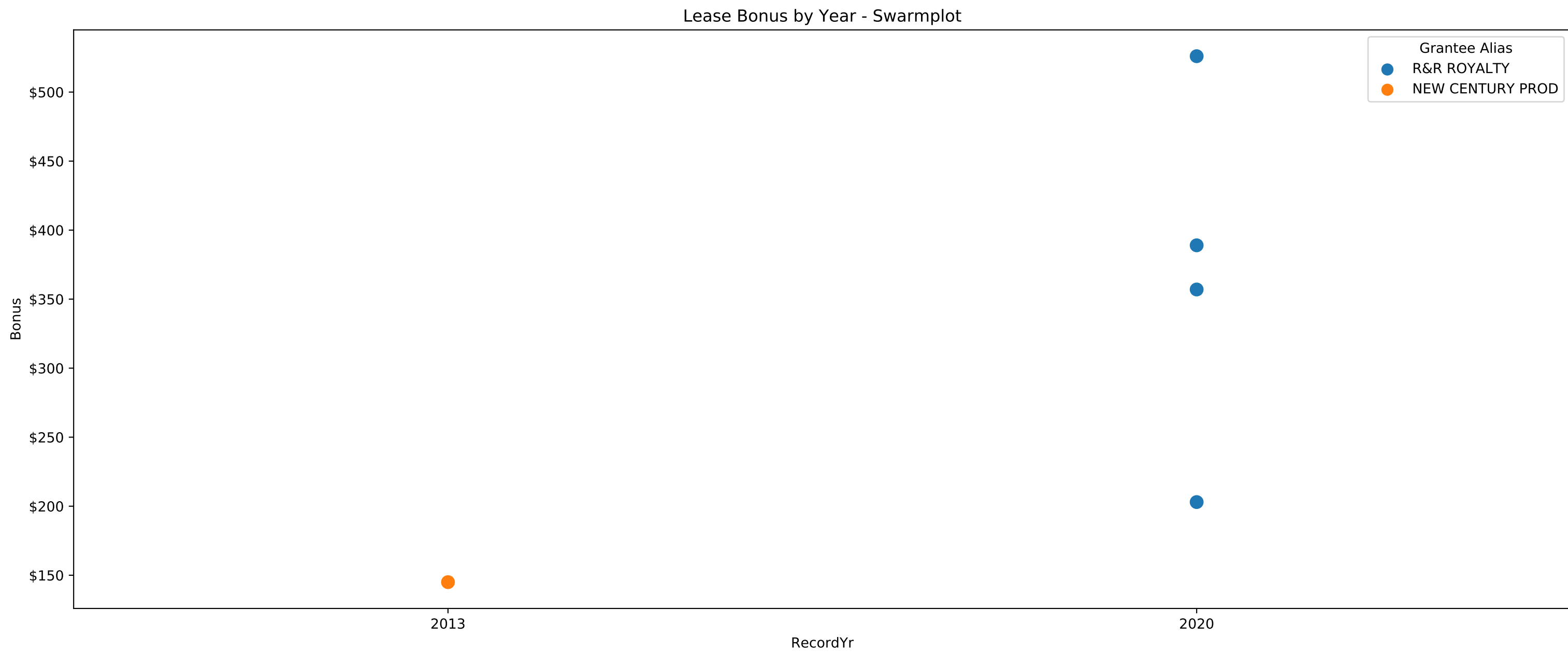
## Permits by Well Type (H,D,V)



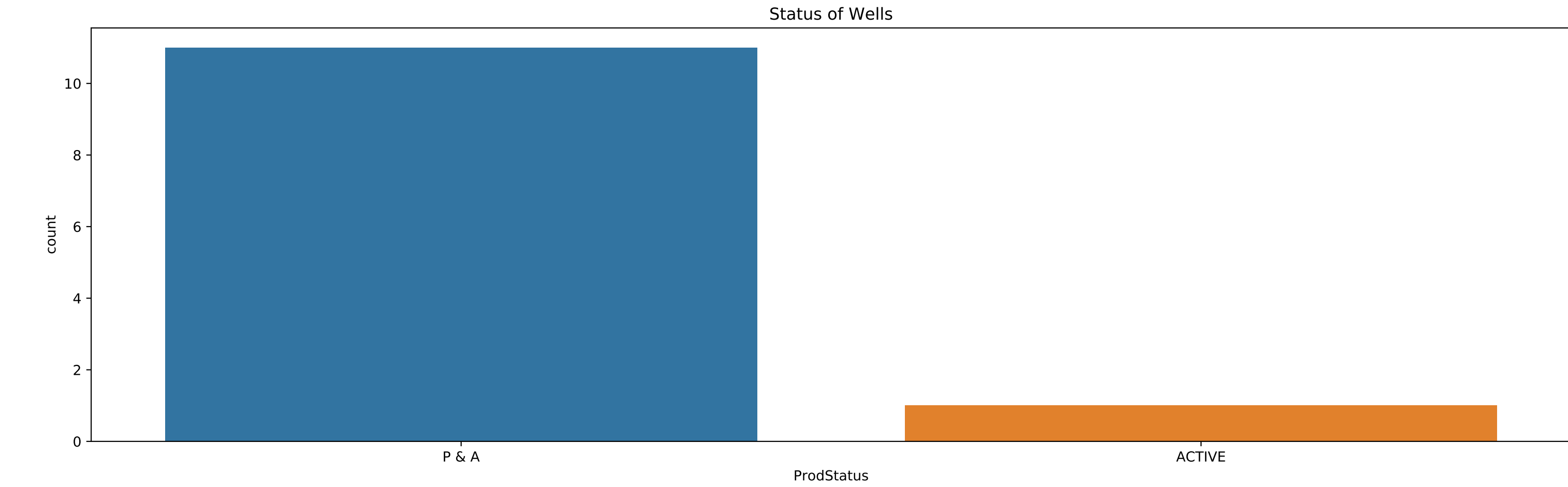
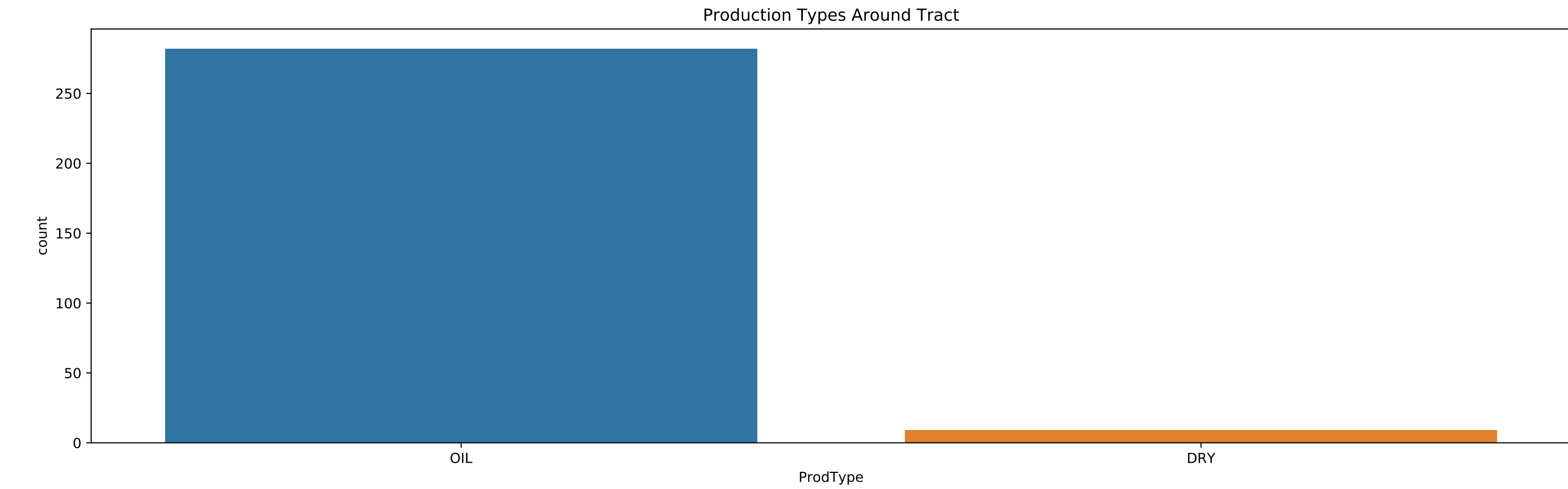
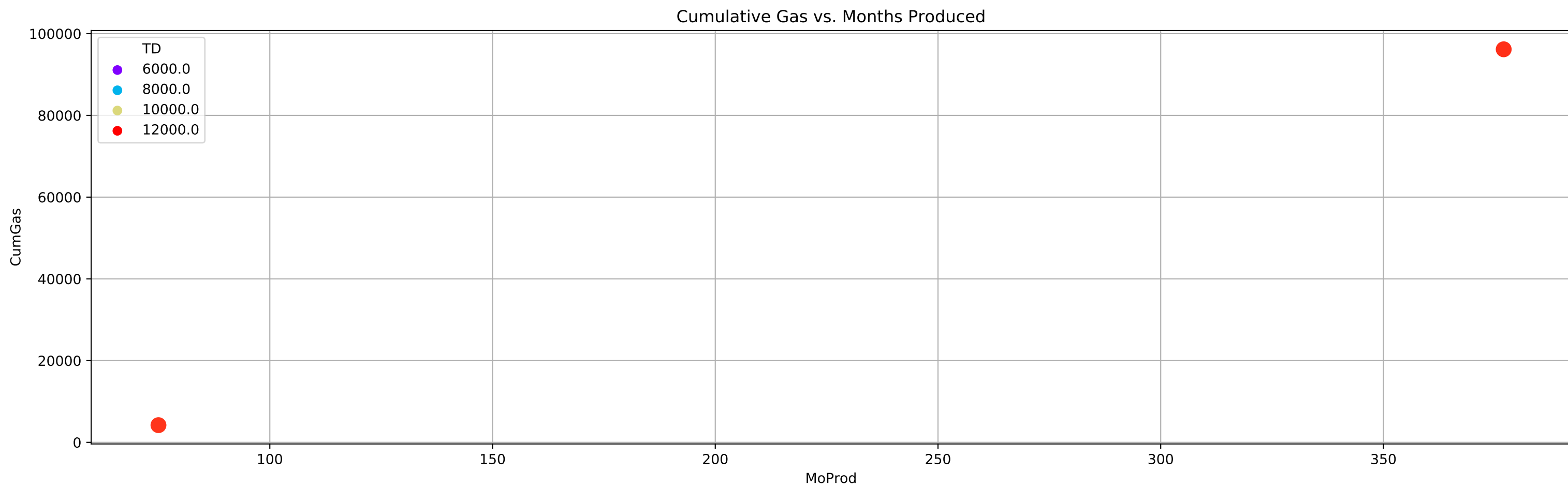
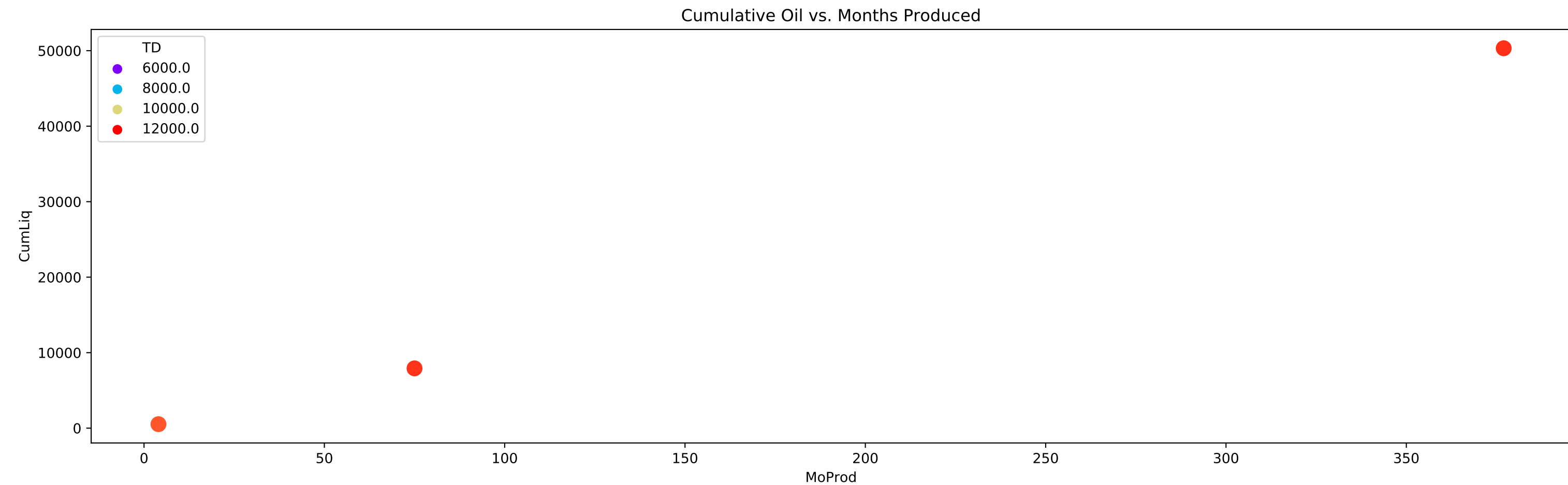
## Permit Horizontal Lengths - Binned



Lease Summary for tract 120  
Total Number of Leases: 5  
Average Price \$369/acre in 2020



# Old Production Outside of Tract 120 - 3 Mi Radius



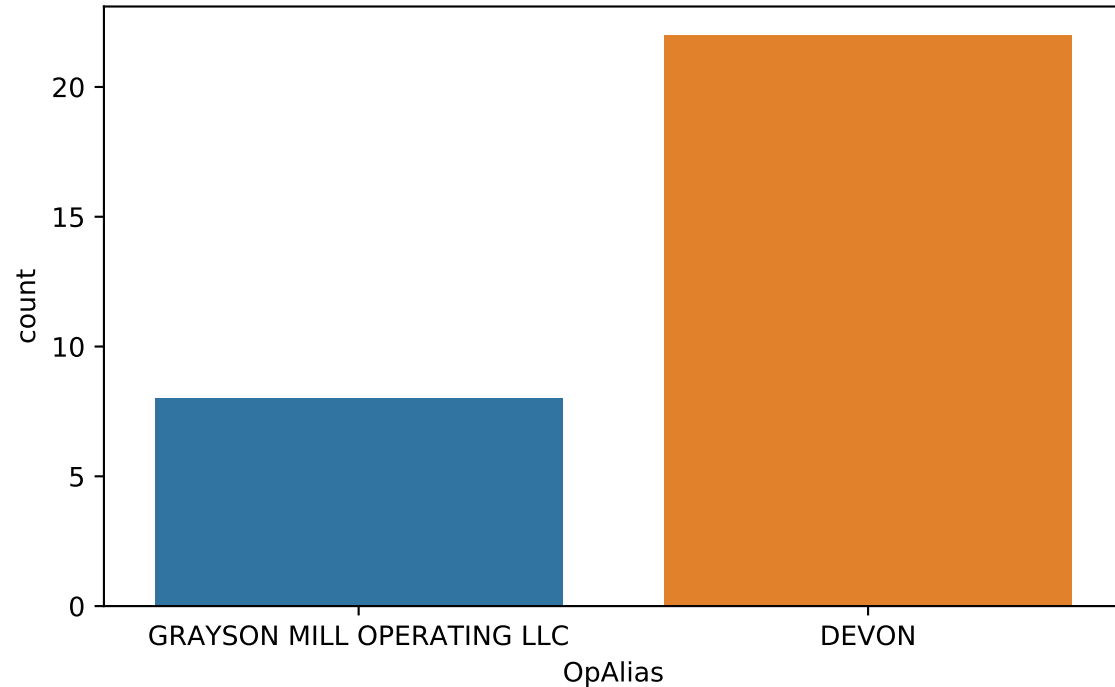
# Permit Summary for Tract 121

Total permits: 30

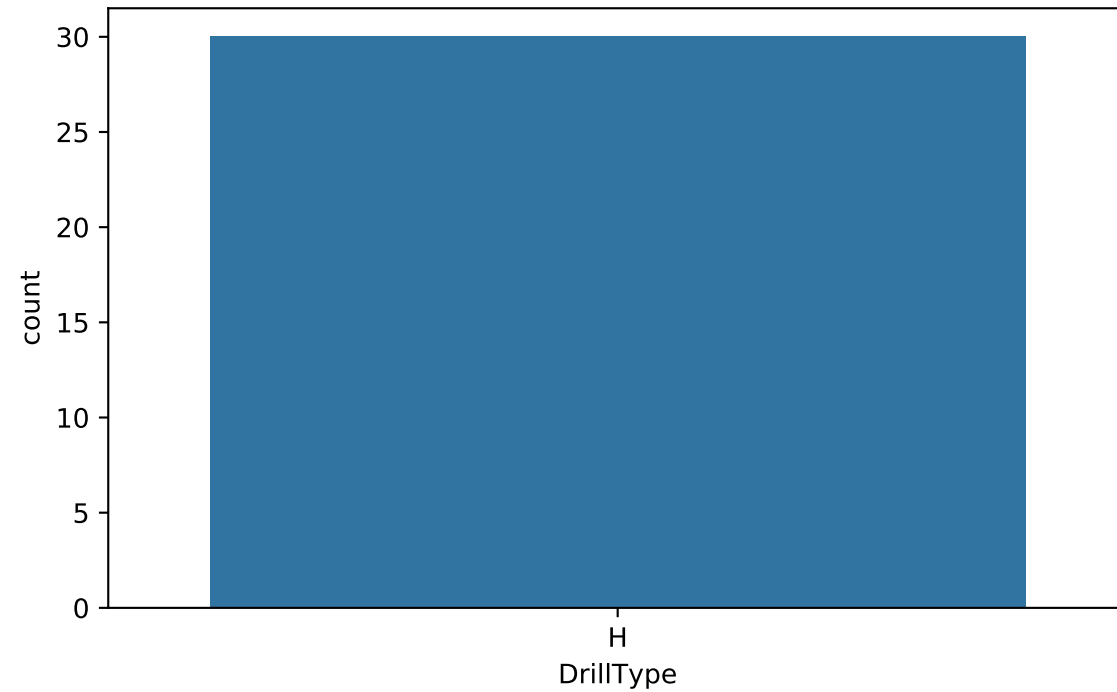
## Permits by Well Status



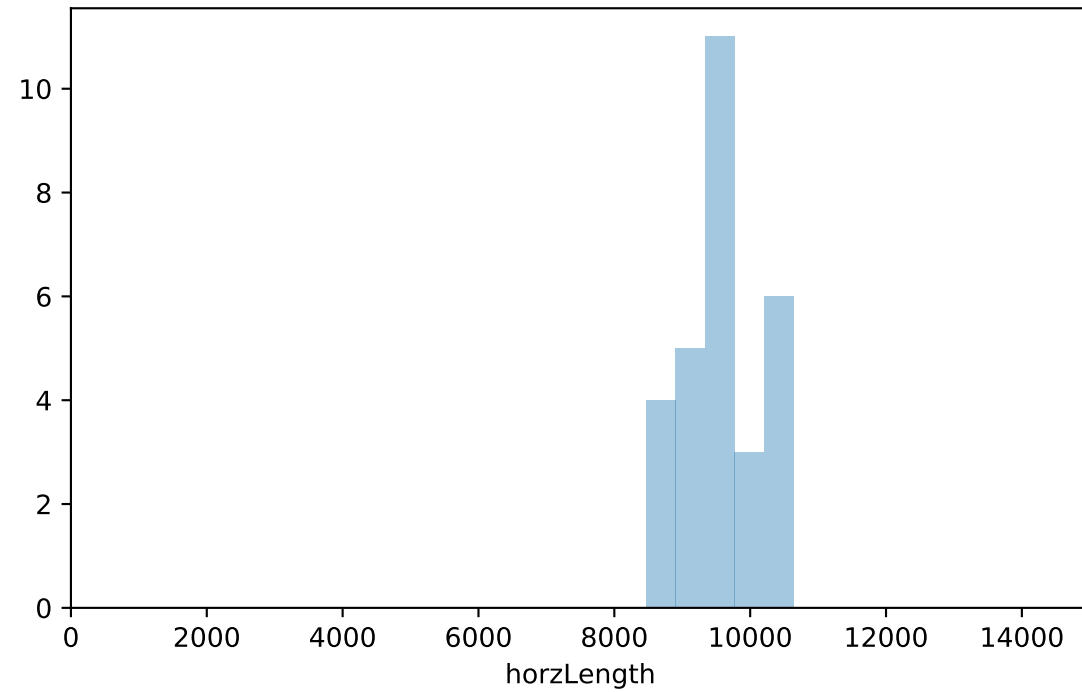
## Permits by Operator



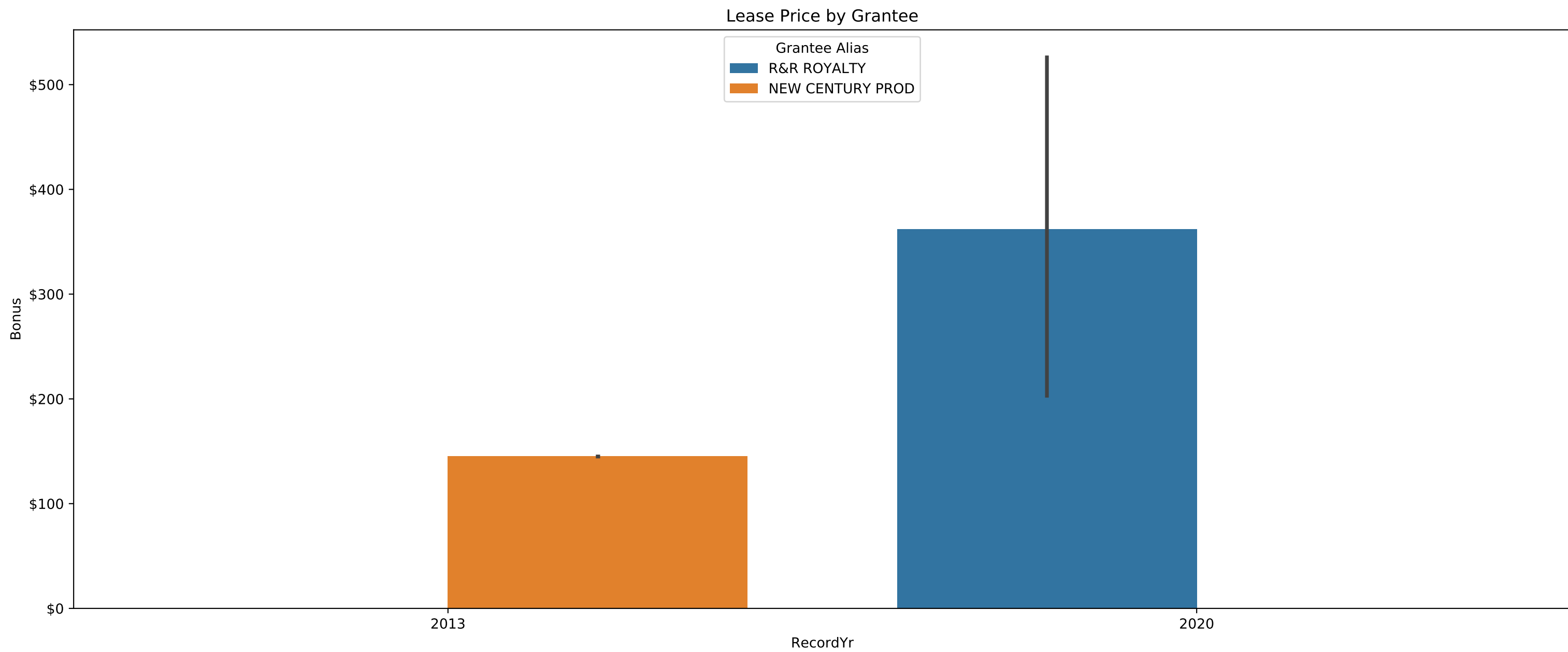
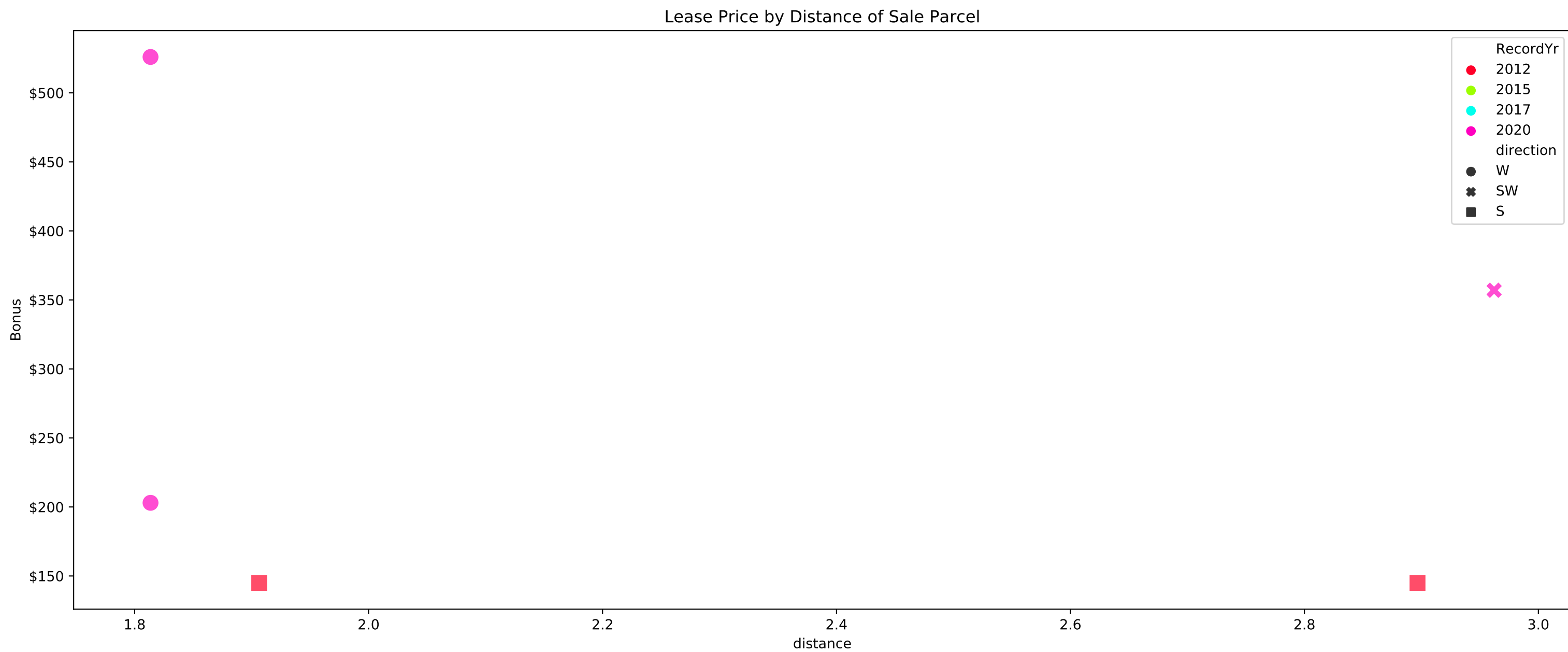
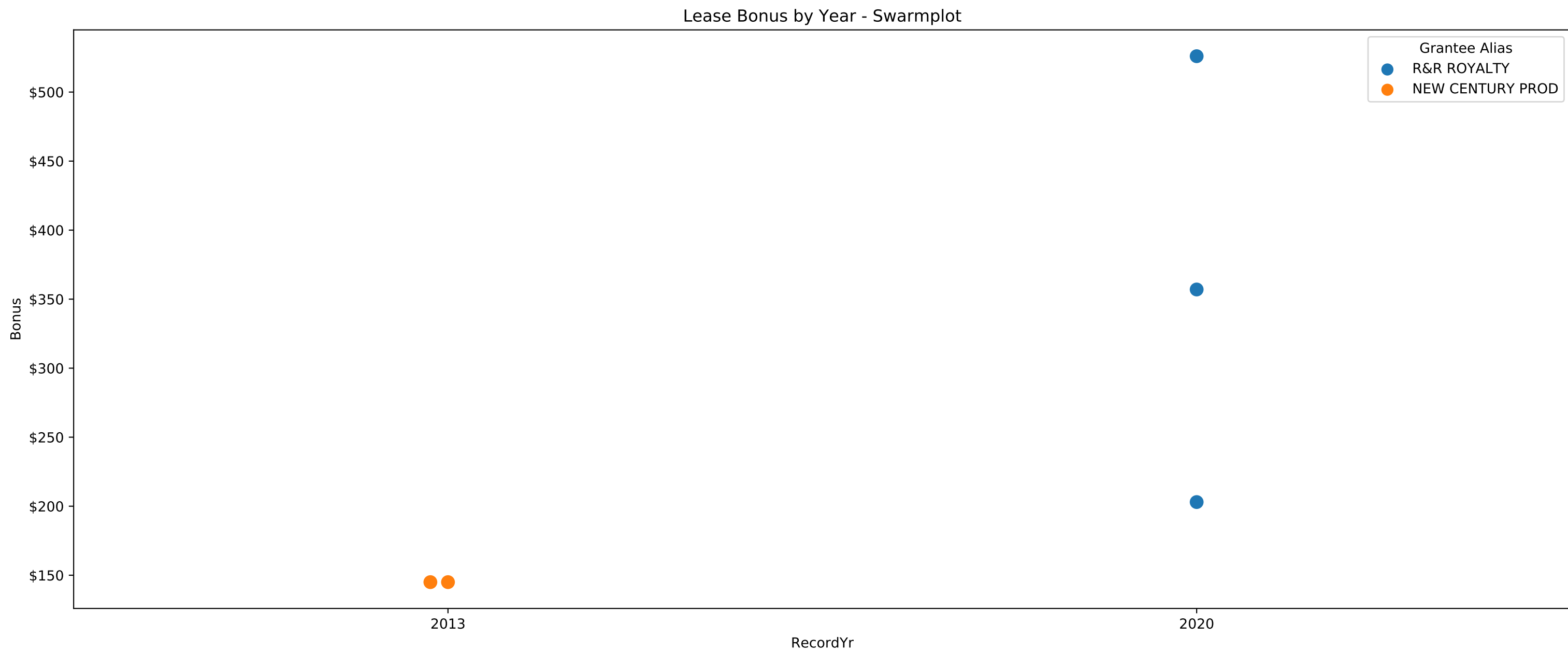
## Permits by Well Type (H,D,V)



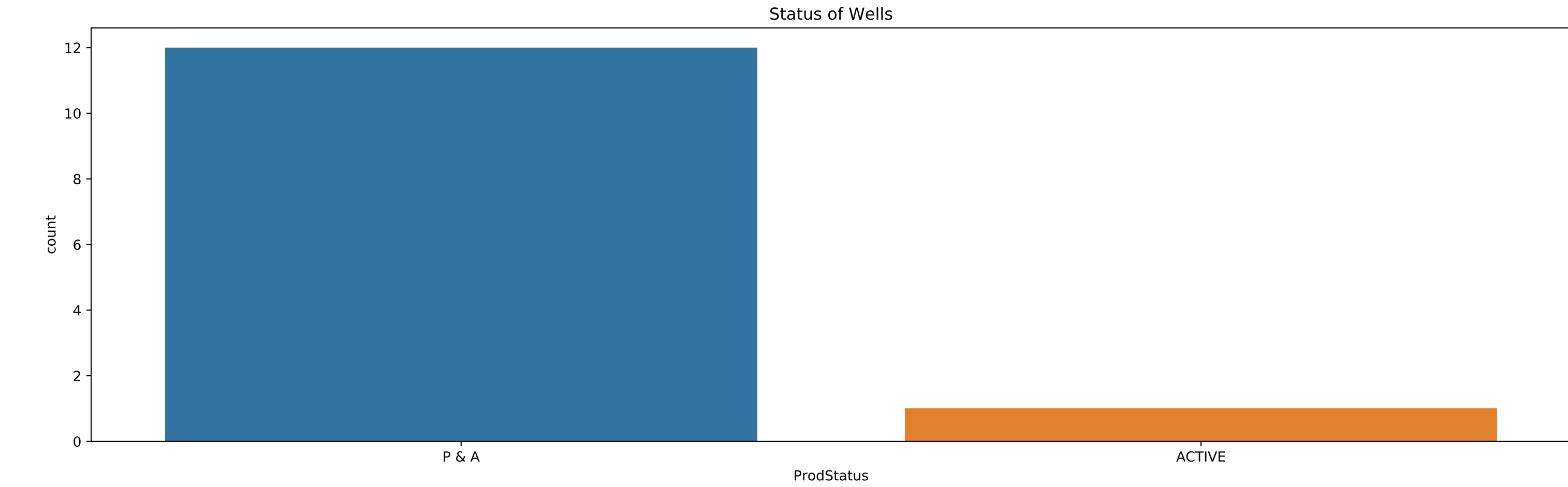
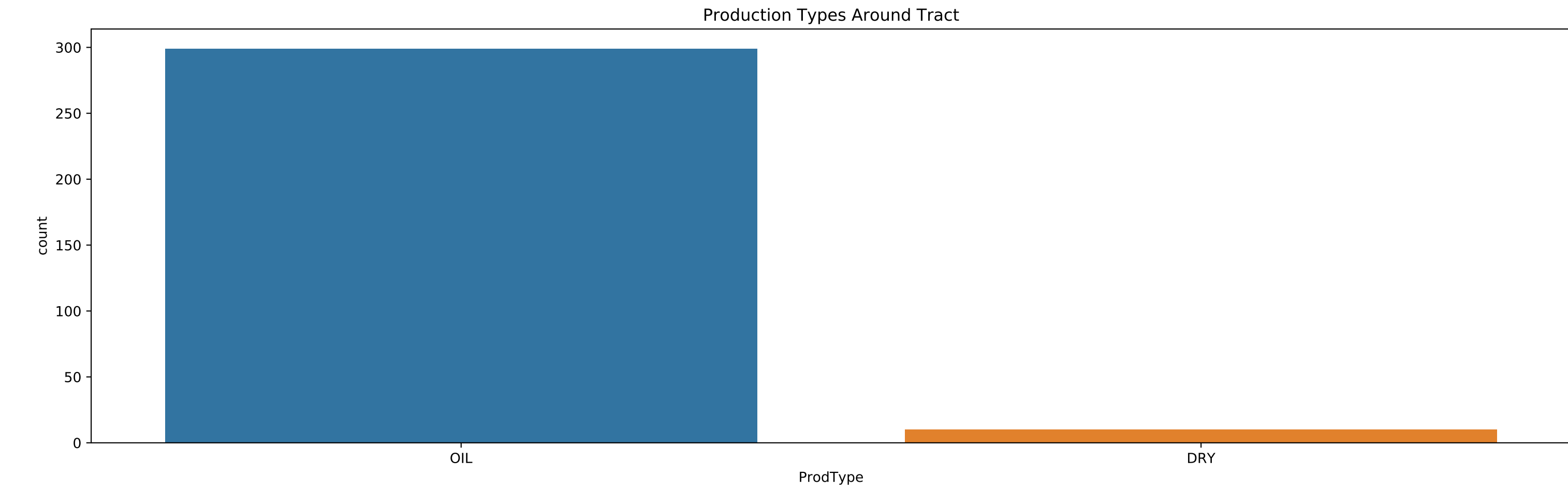
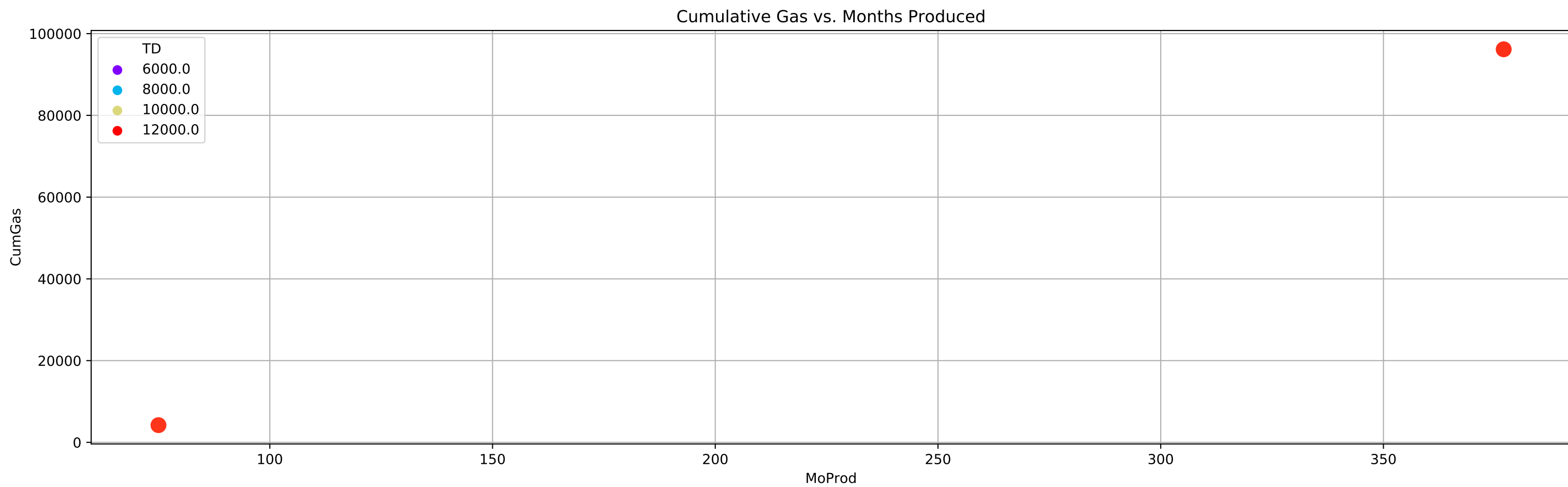
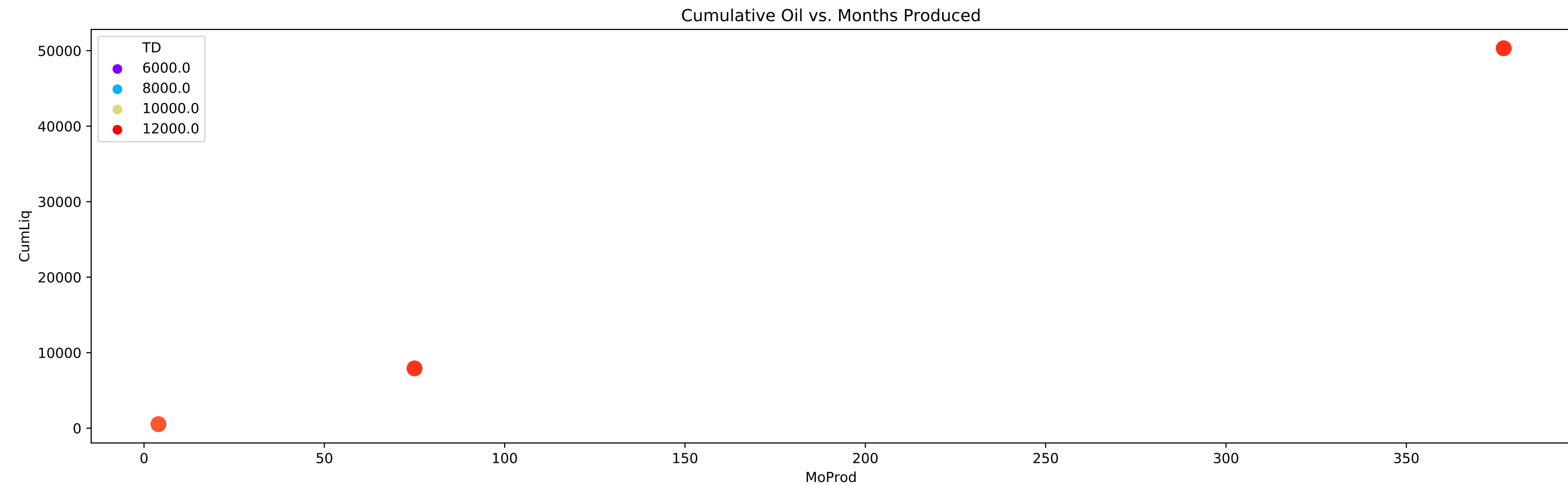
## Permit Horizontal Lengths - Binned



Lease Summary for tract 121  
Total Number of Leases: 5  
Average Price \$362/acre in 2020



# Old Production Outside of Tract 121 - 3 Mi Radius



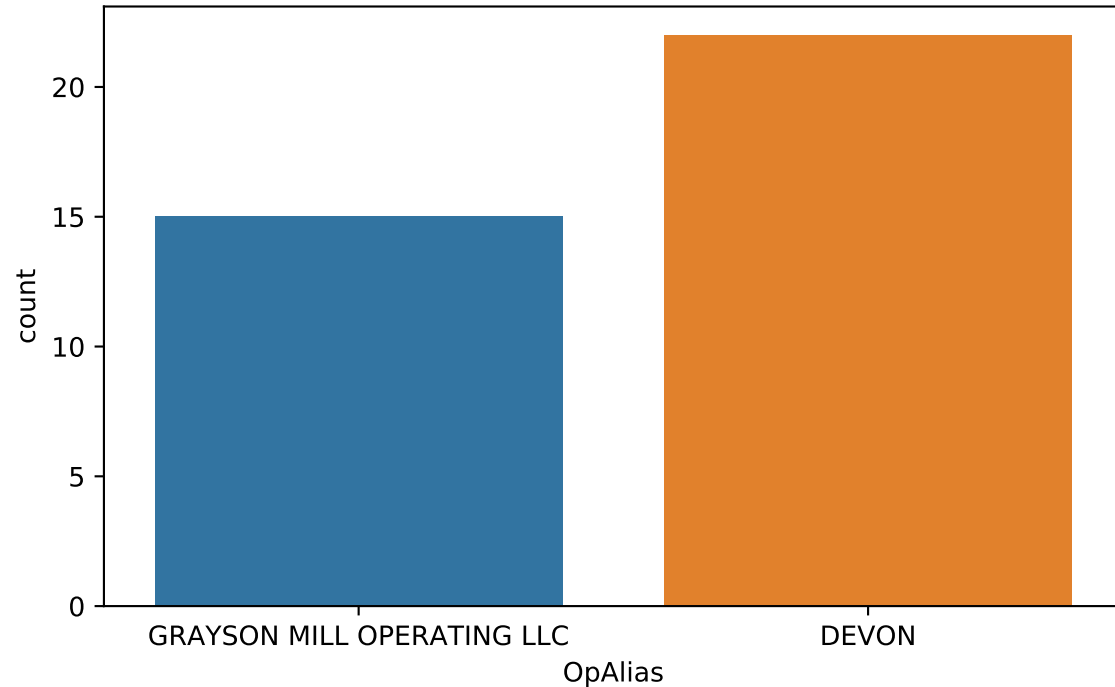
# Permit Summary for Tract 42

## Total permits: 37

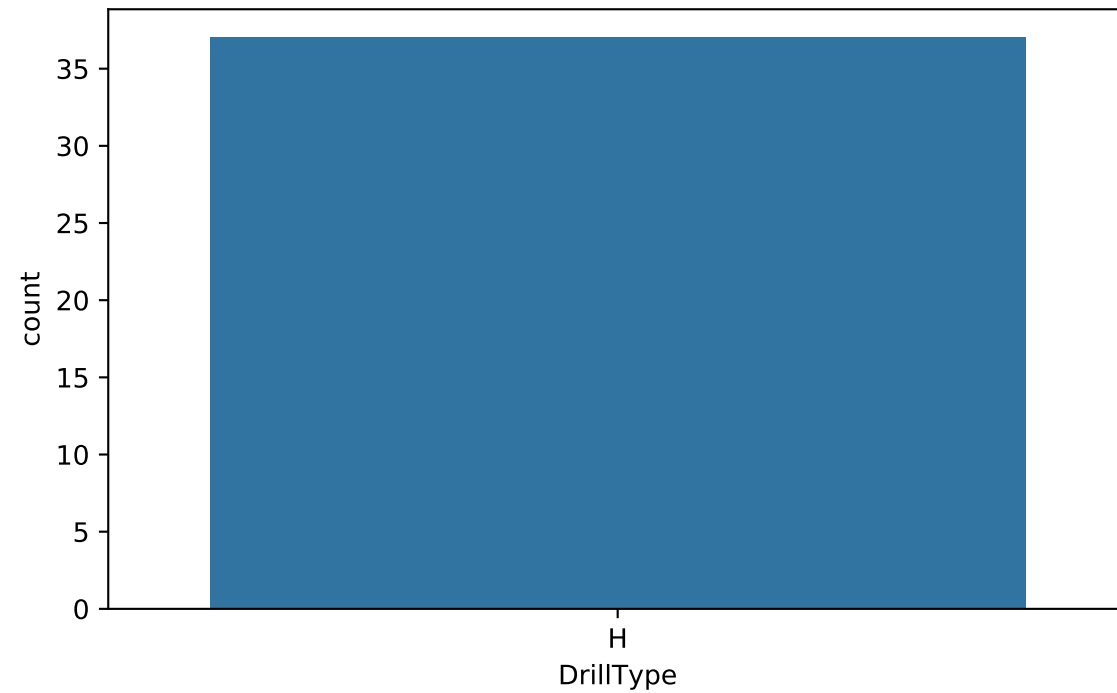
### Permits by Well Status



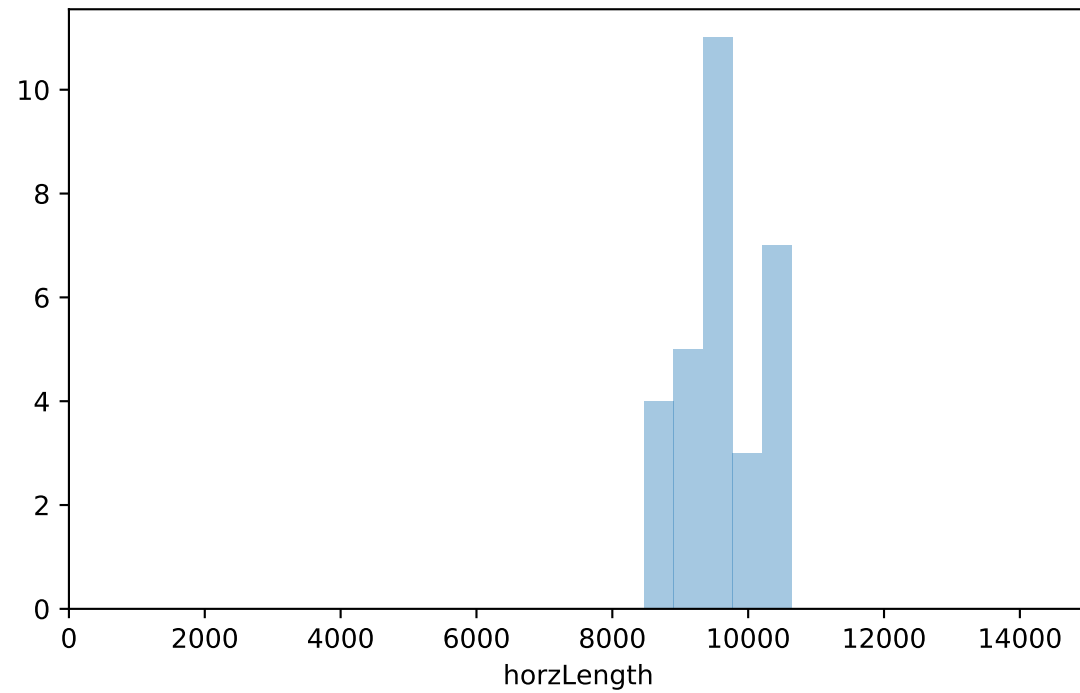
### Permits by Operator



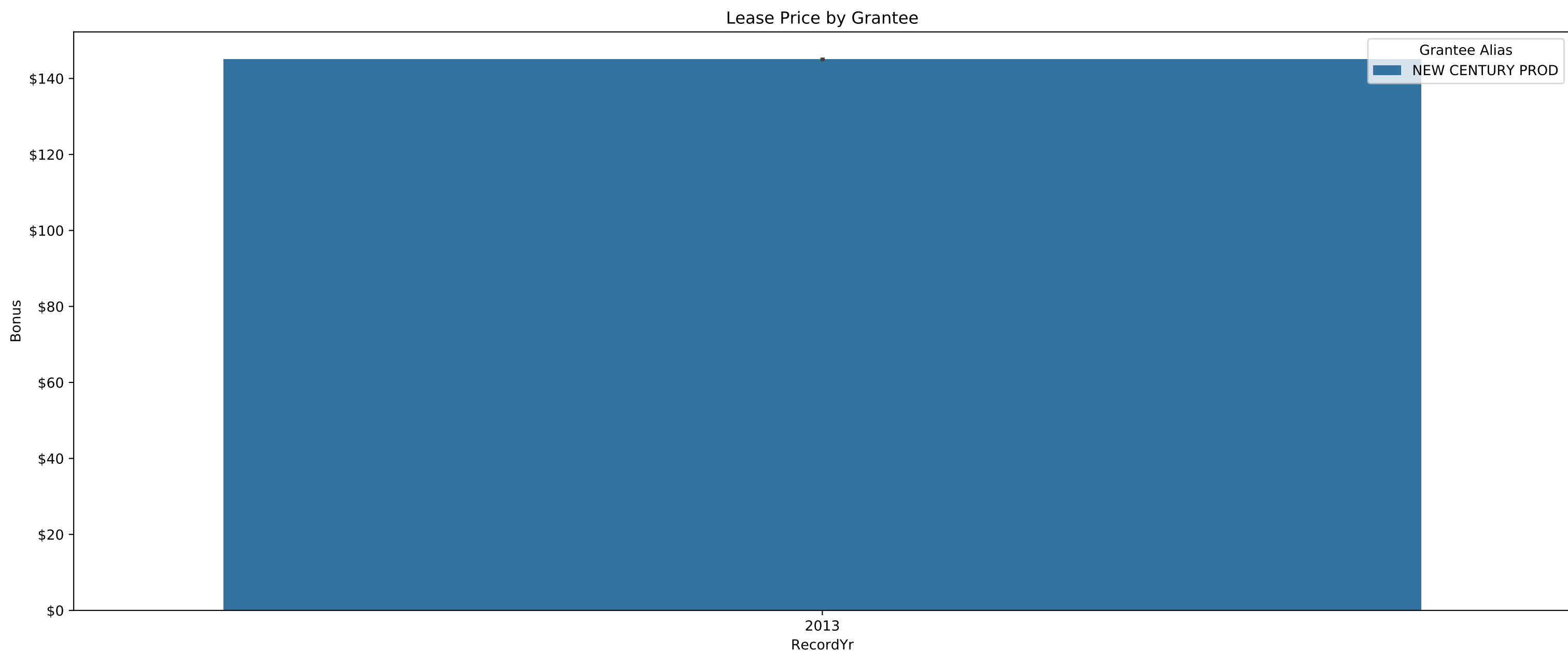
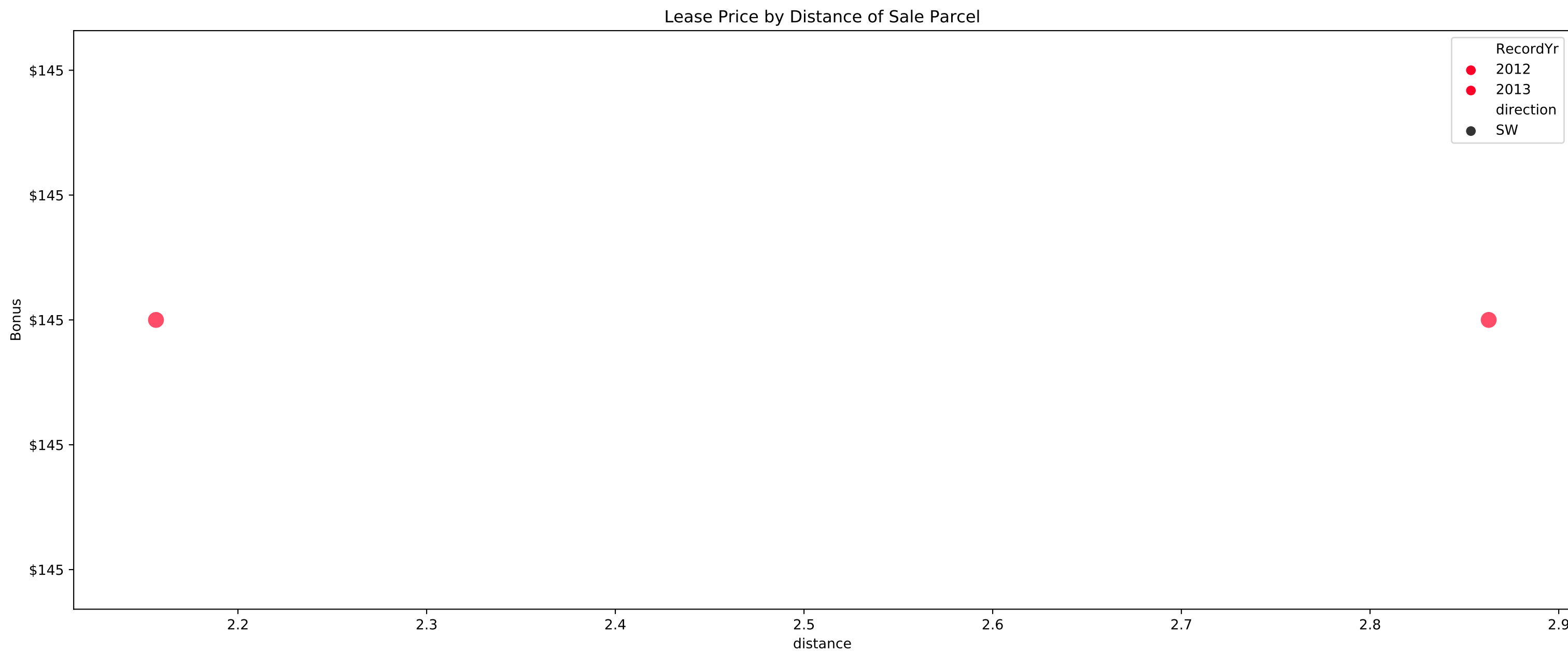
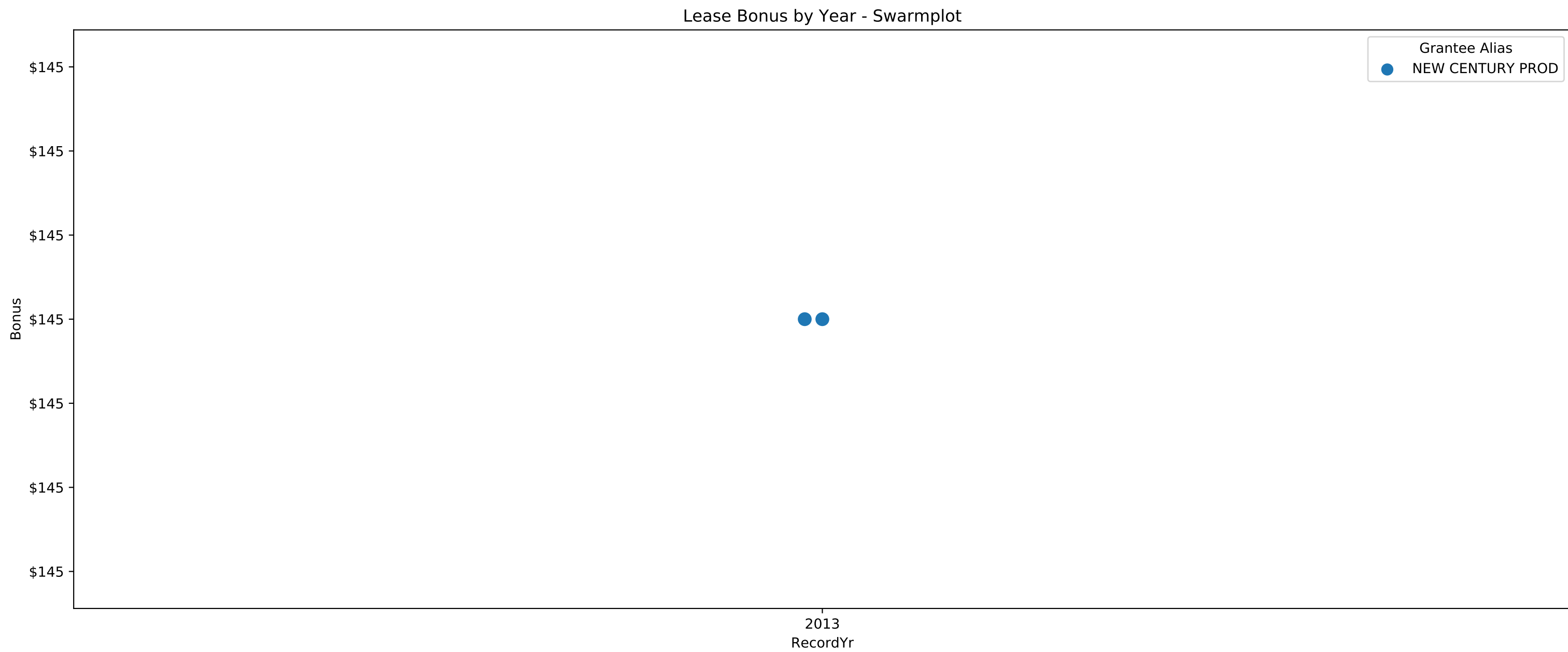
### Permits by Well Type (H,D,V)



### Permit Horizontal Lengths - Binned

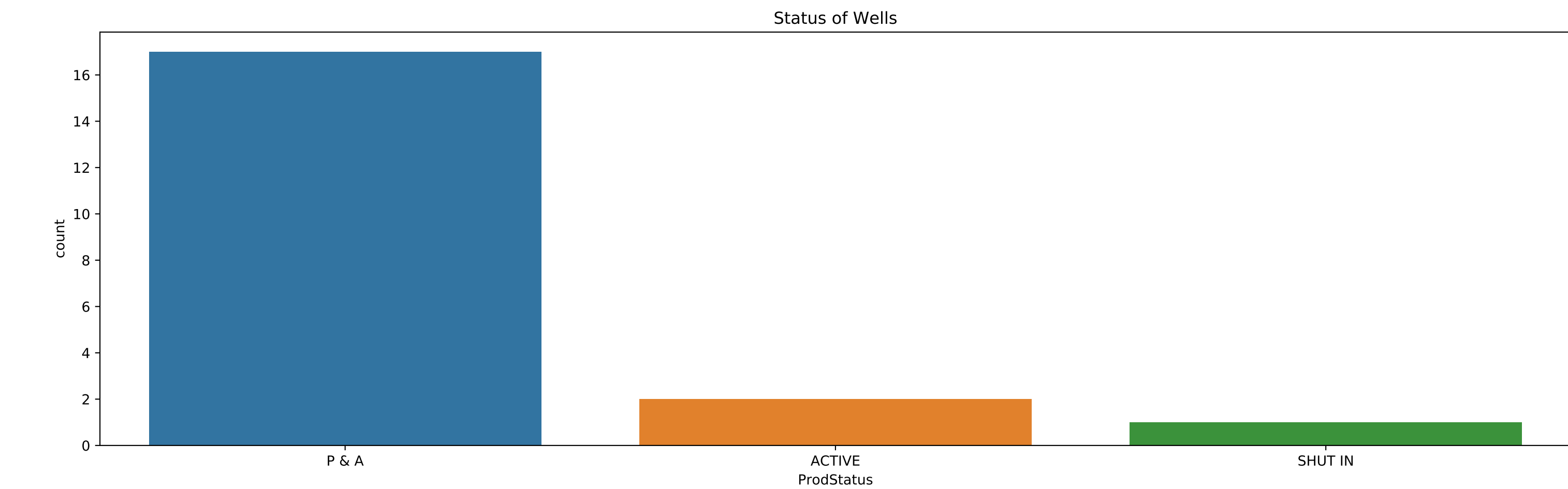
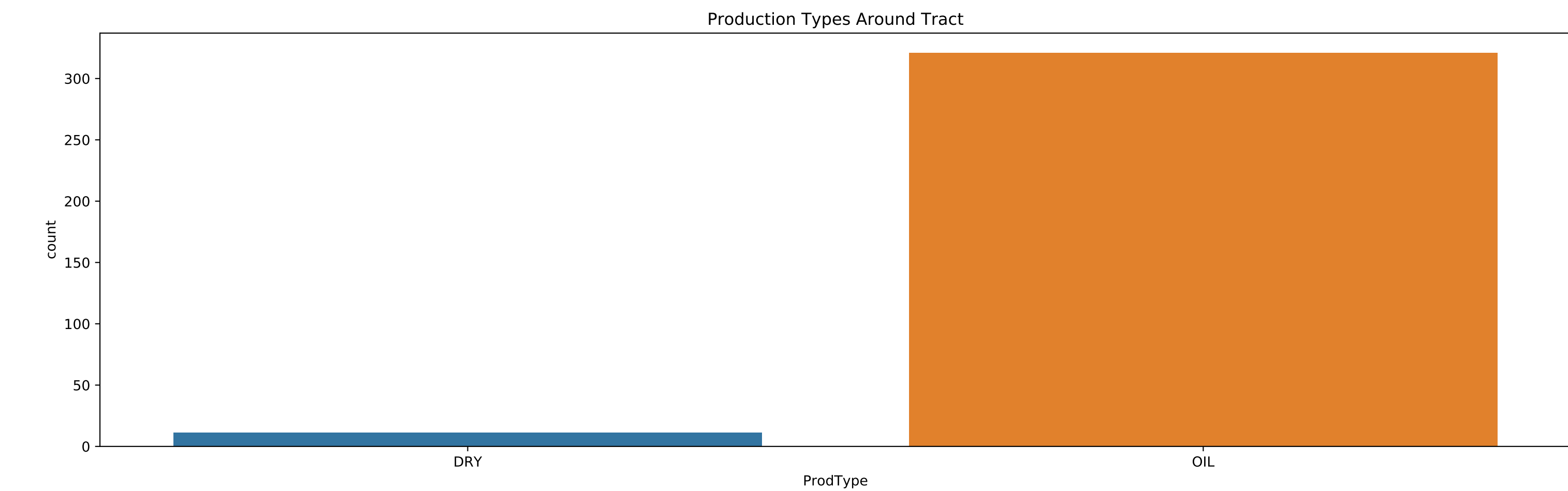
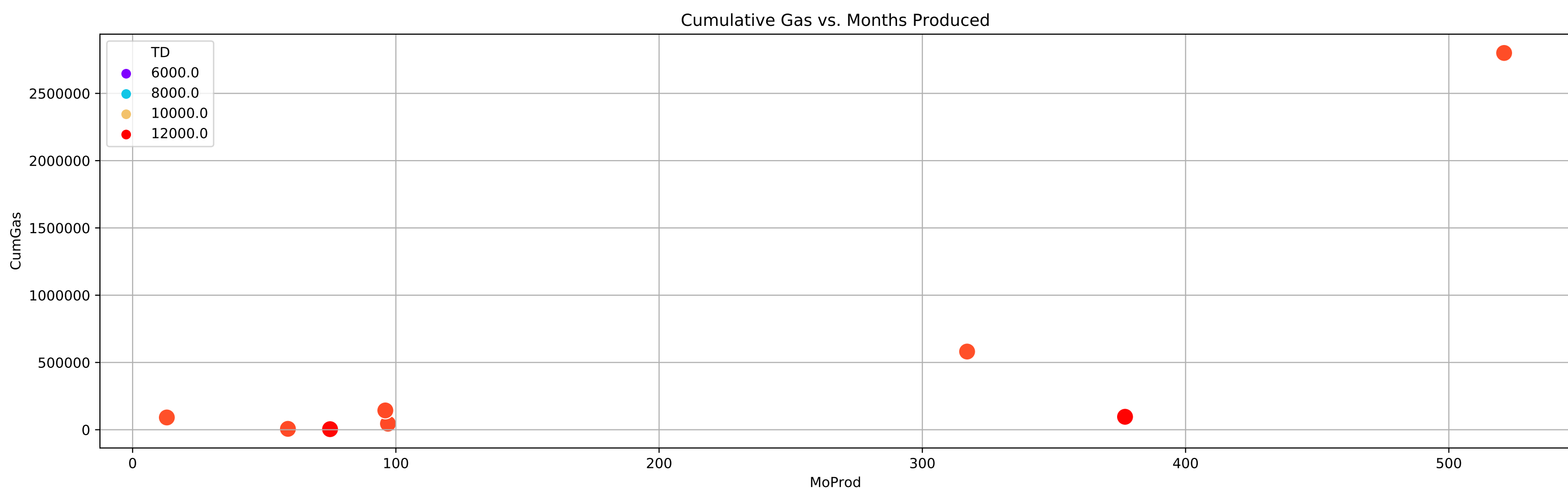
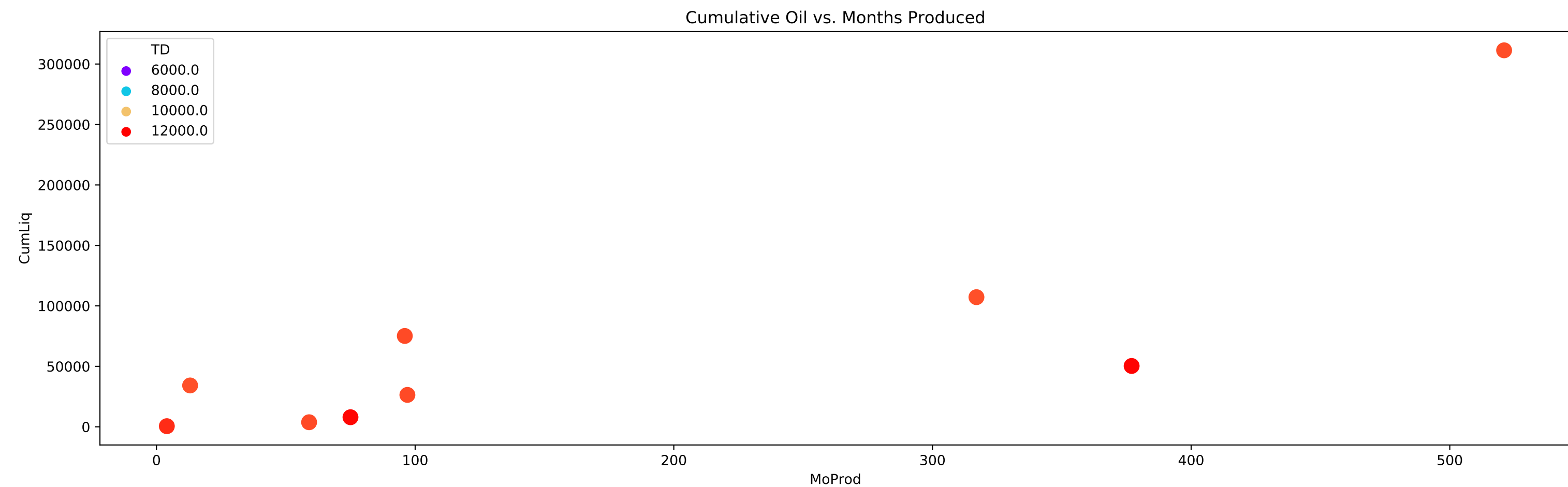


Lease Summary for tract 42  
Total Number of Leases: 2  
Average Price \$145/acre in 2013





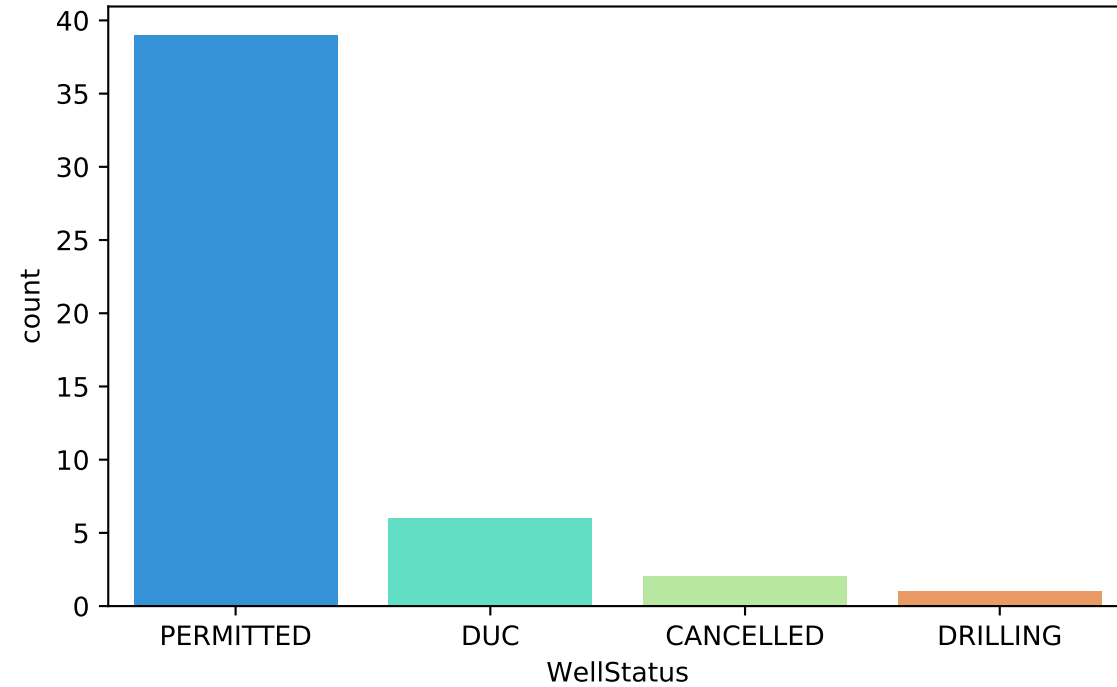
# Old Production Outside of Tract 42 - 3 Mi Radius



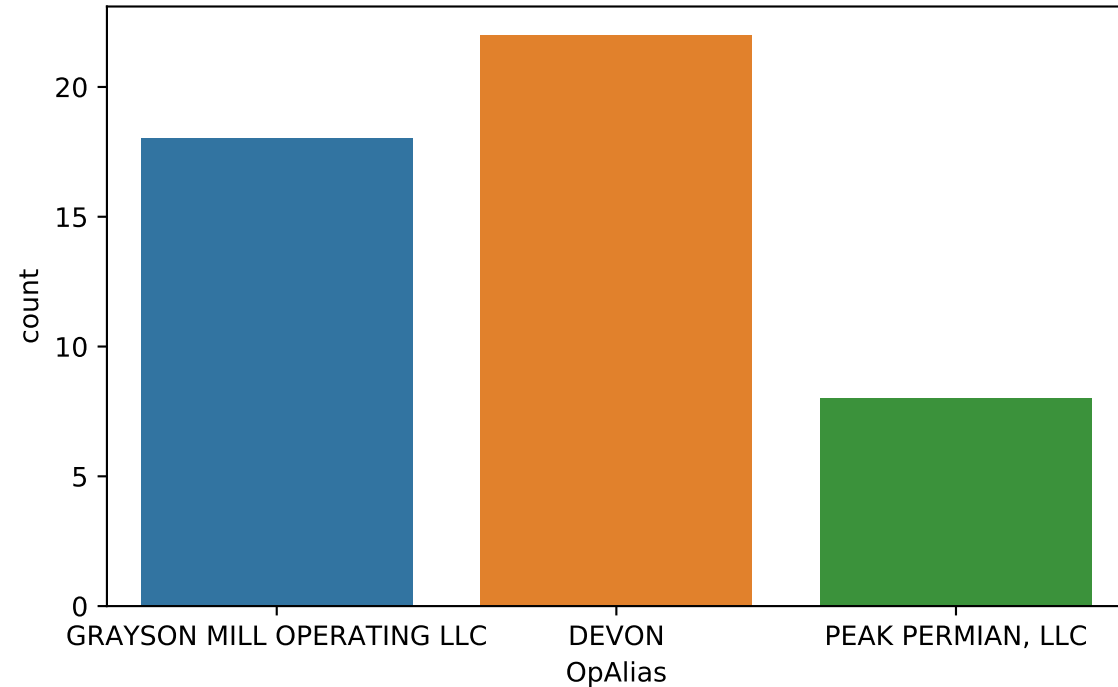
# Permit Summary for Tract 122

Total permits: 48

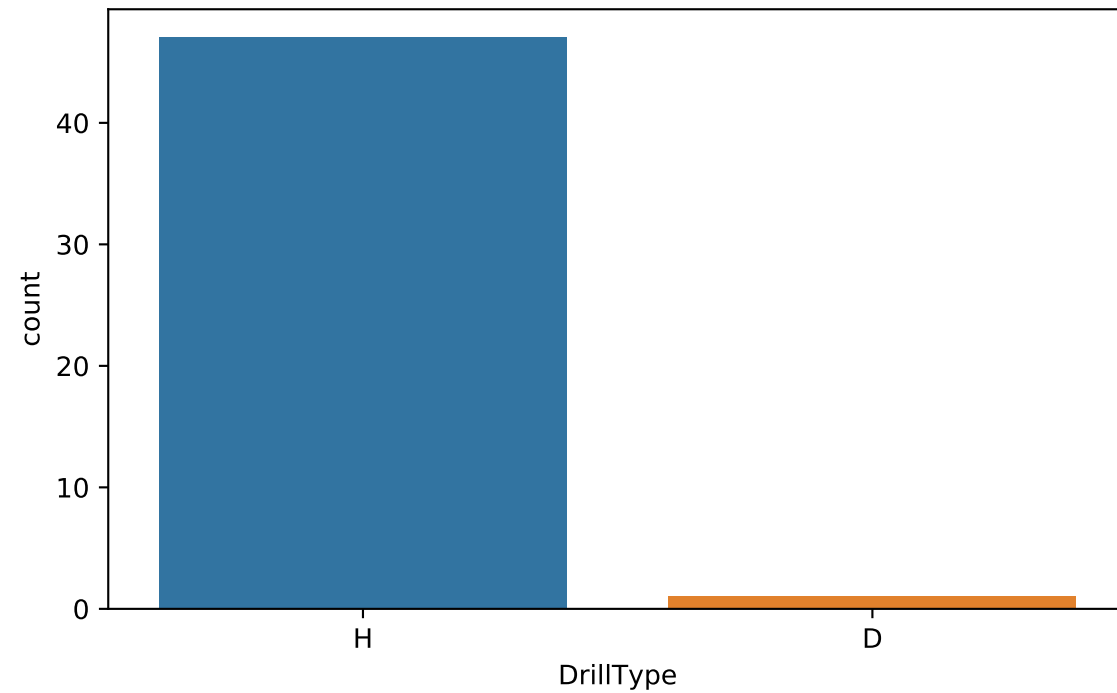
## Permits by Well Status



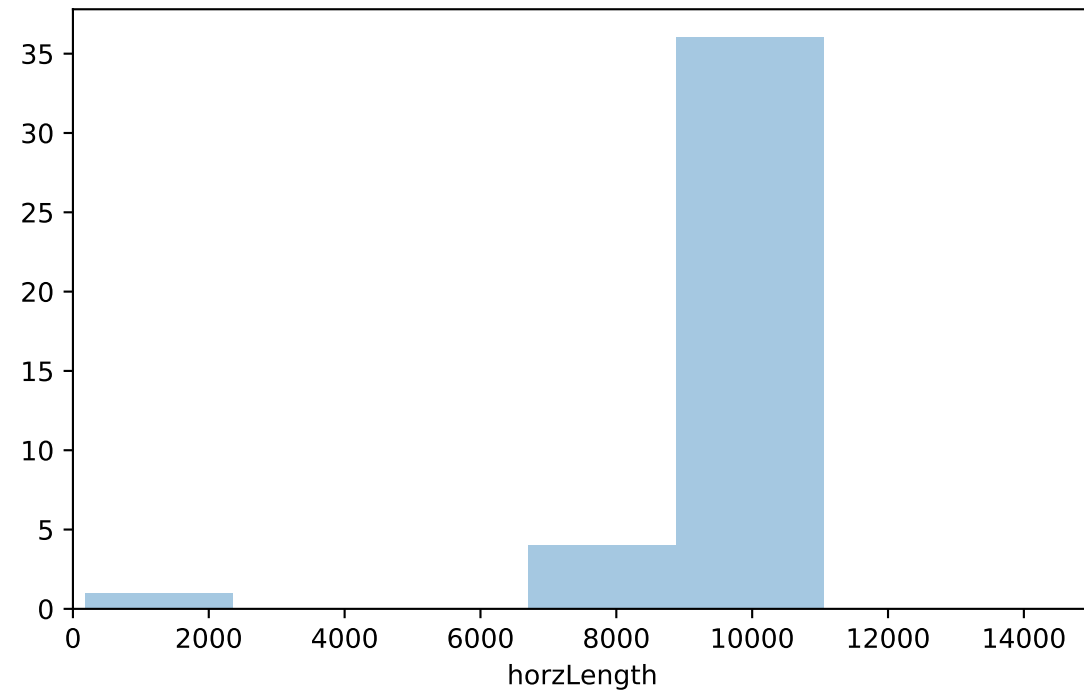
## Permits by Operator



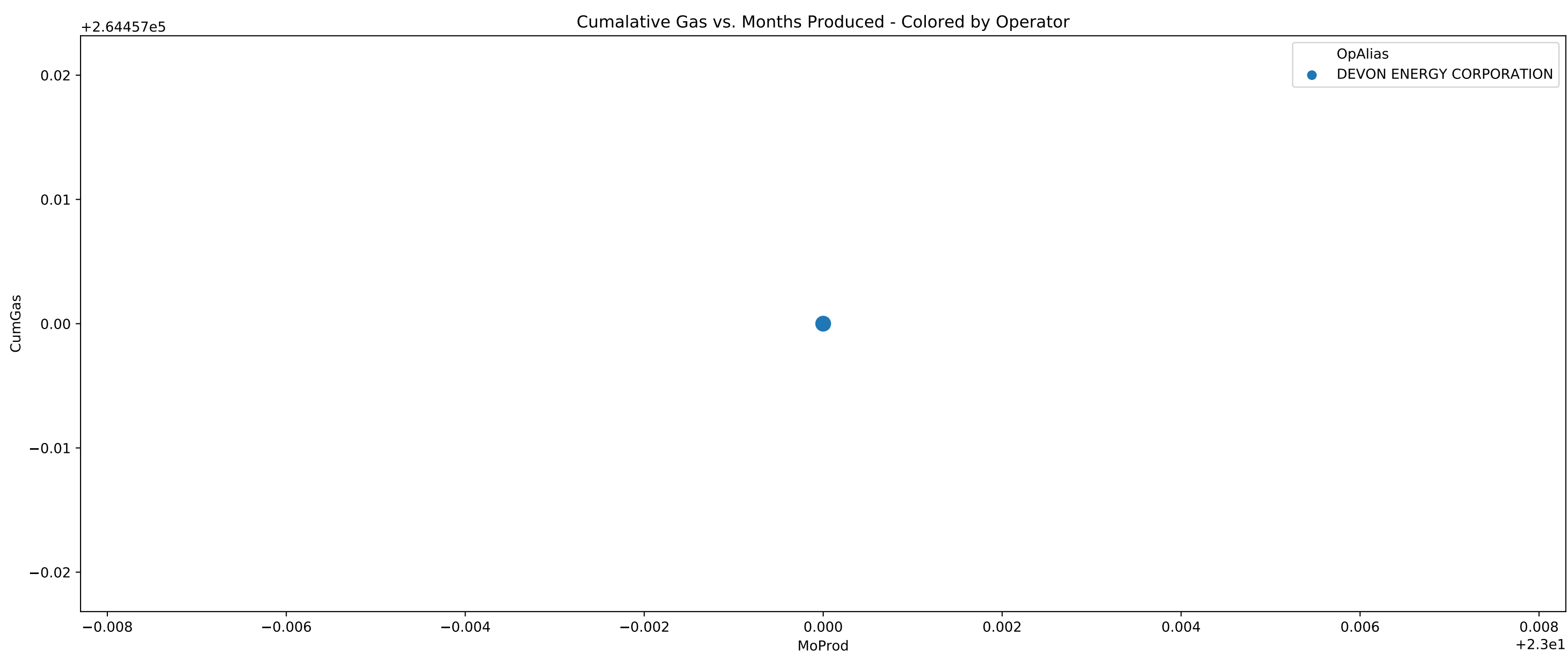
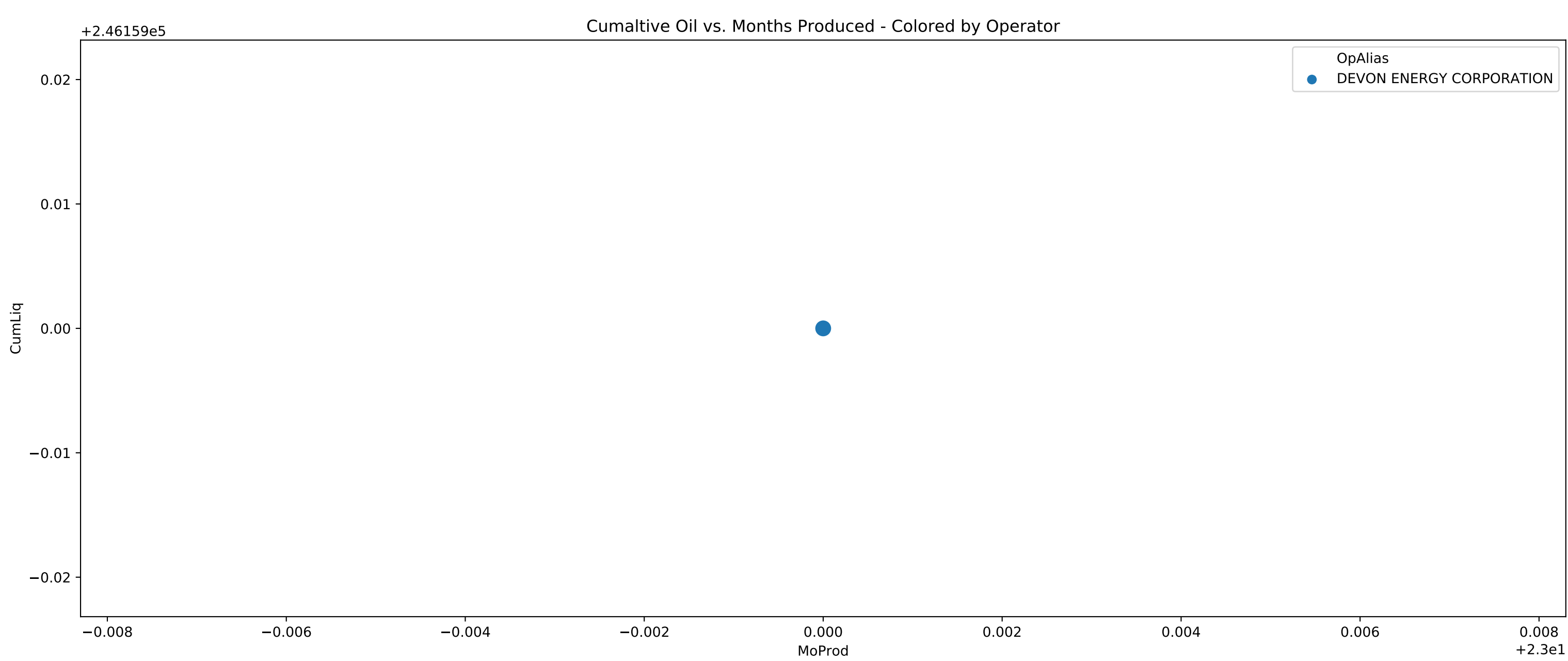
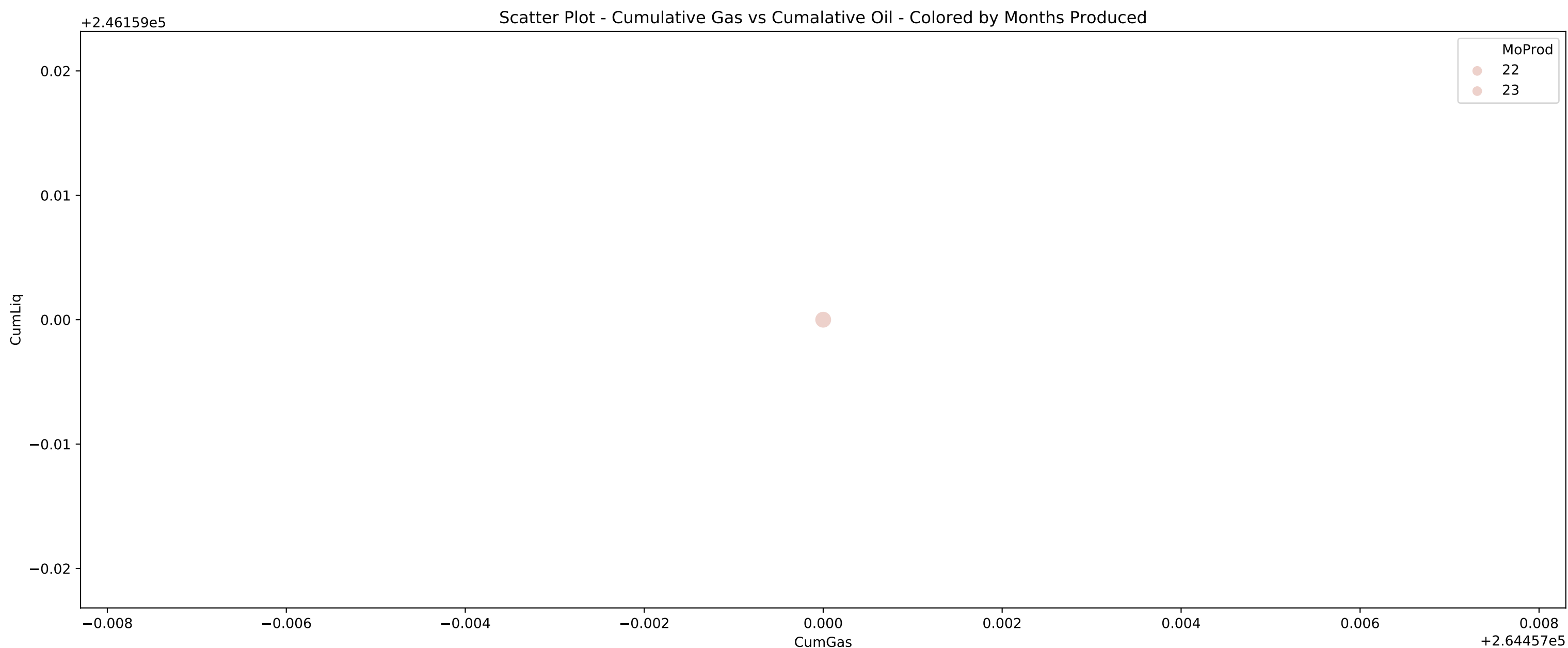
## Permits by Well Type (H,D,V)



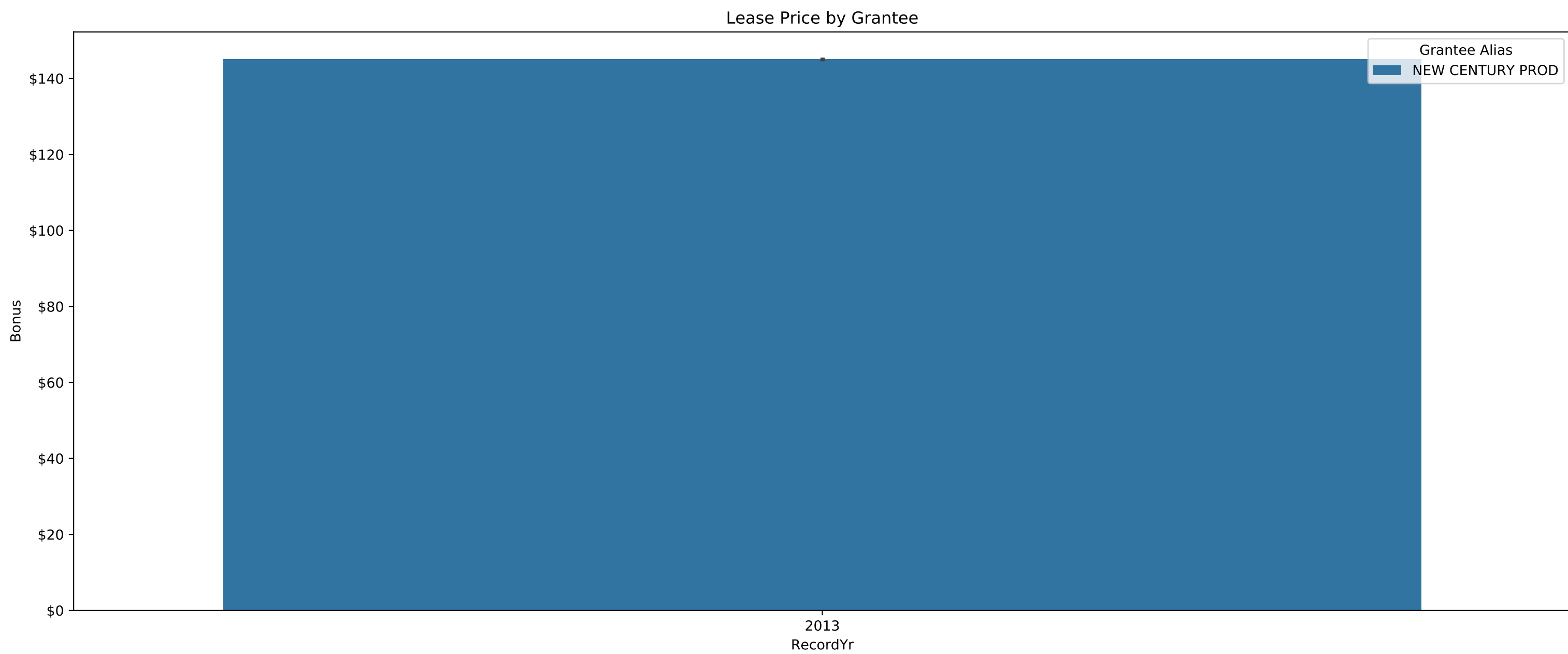
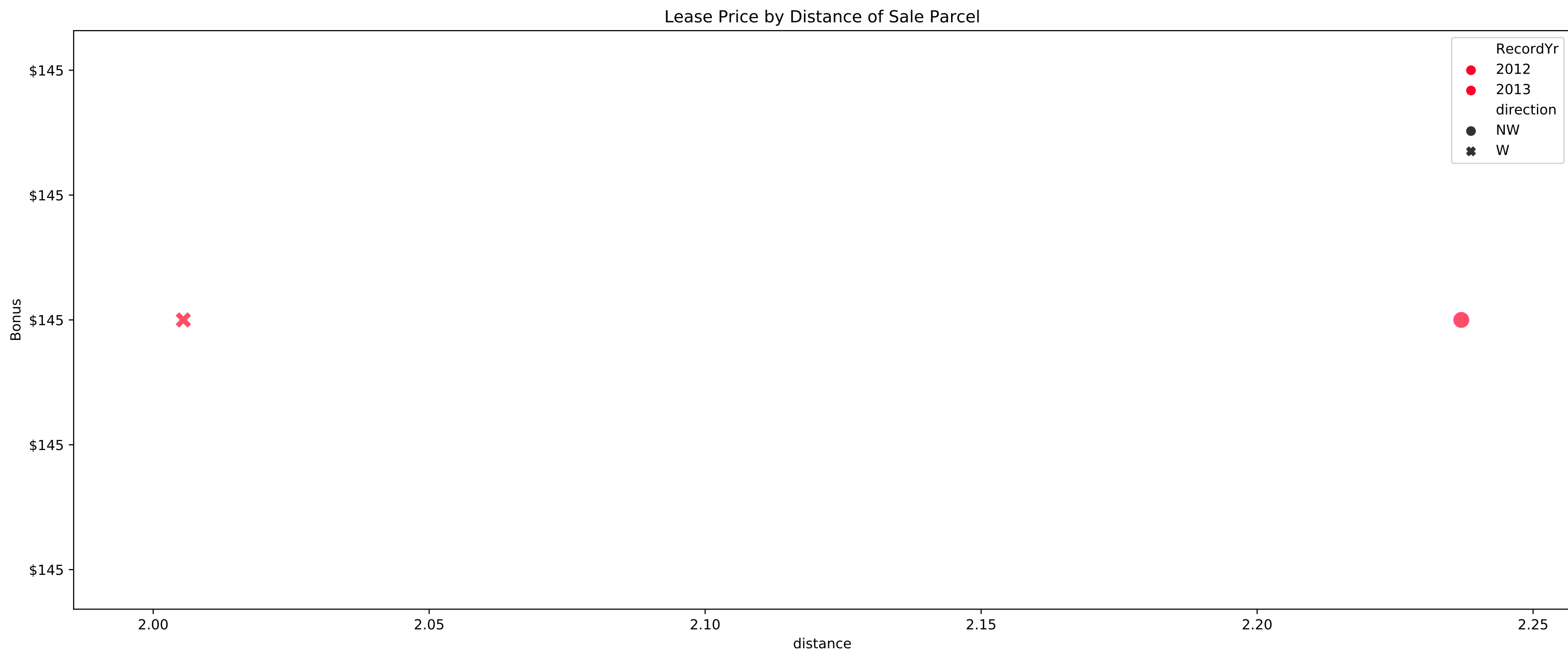
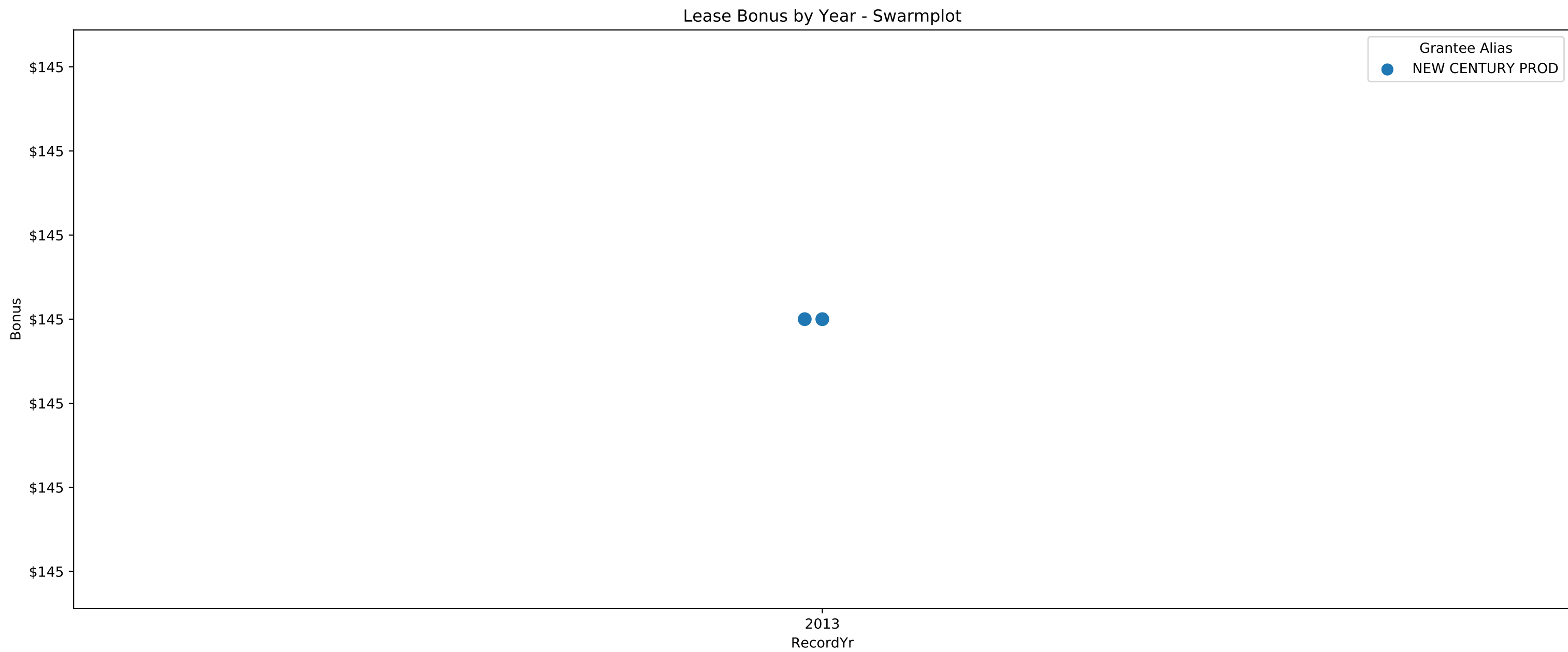
## Permit Horizontal Lengths - Binned



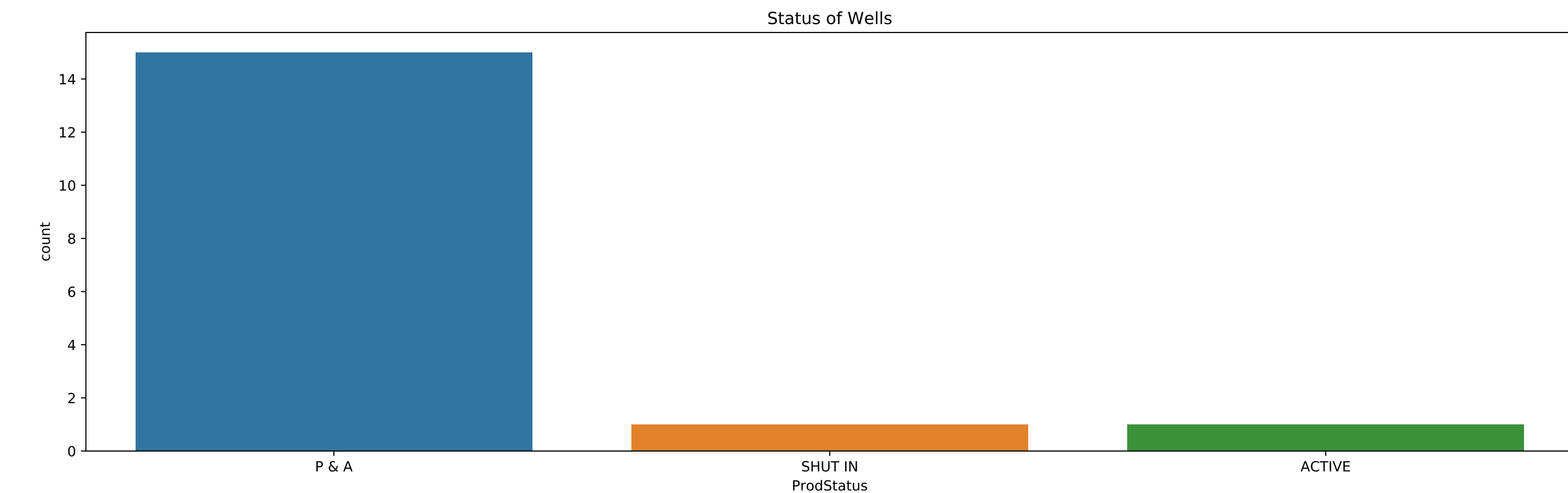
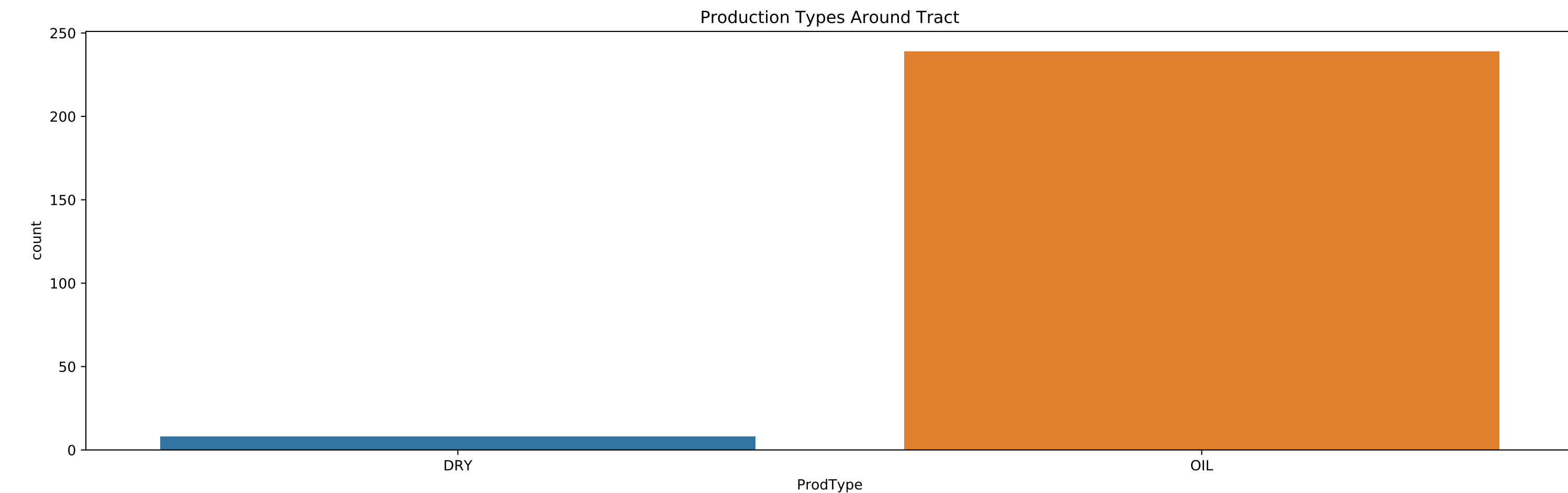
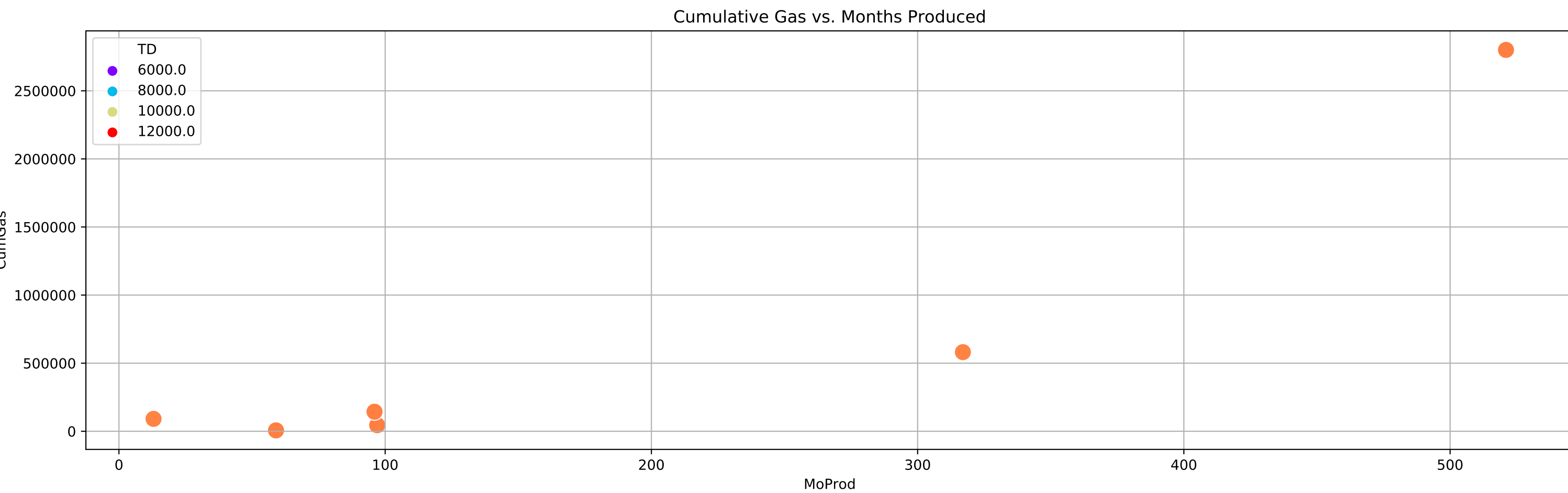
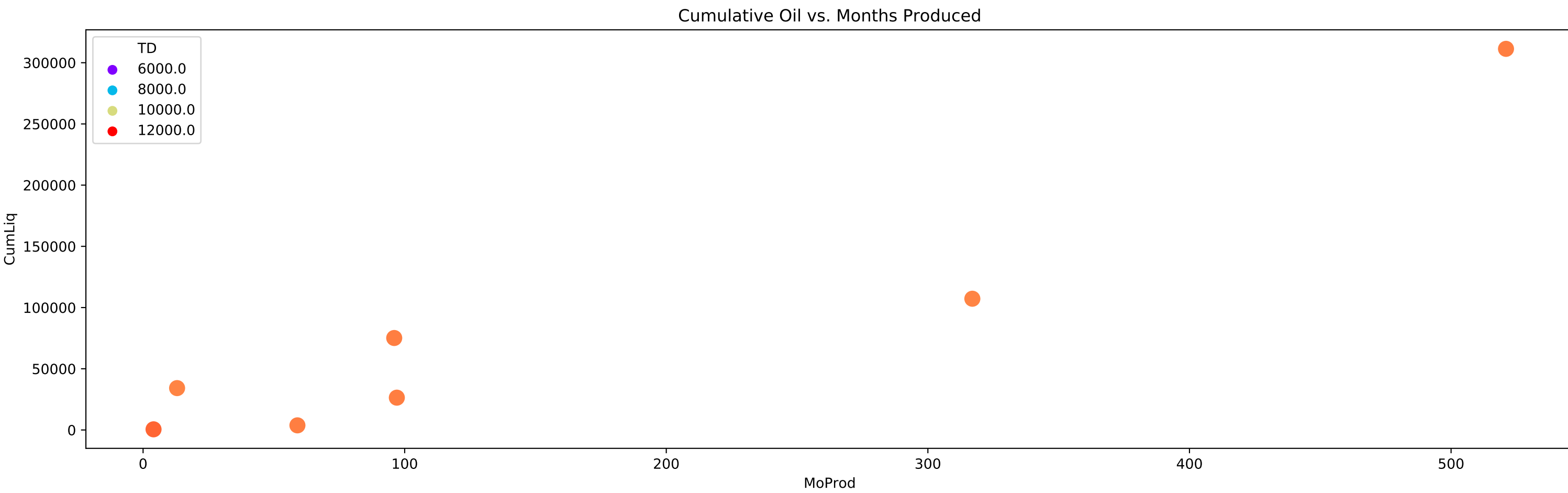
# Production Dashboard for tract 122



Lease Summary for tract 122  
Total Number of Leases: 2  
Average Price \$145/acre in 2013



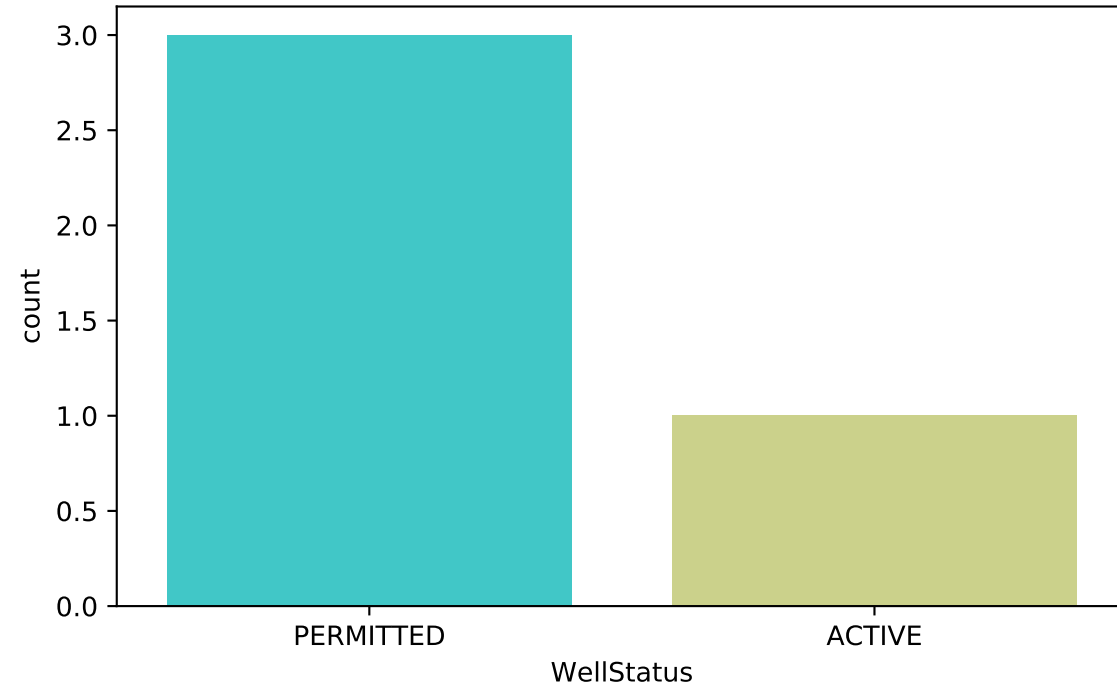
# Old Production Outside of Tract 122 - 3 Mi Radius



# Permit Summary for Tract 43

Total permits: 4

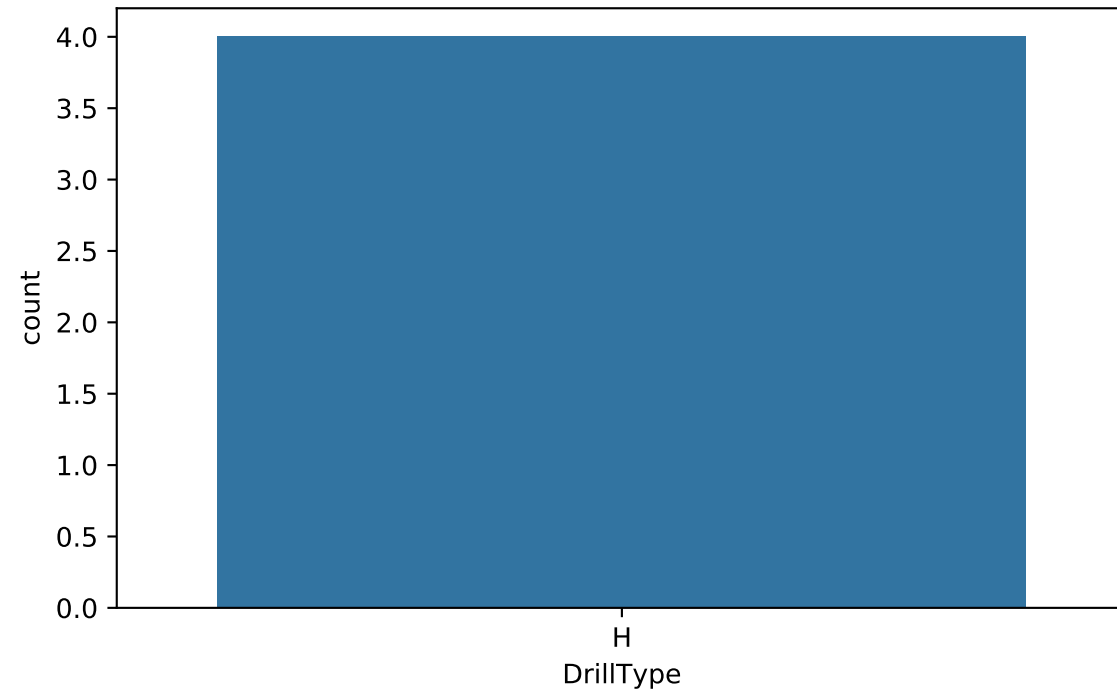
## Permits by Well Status



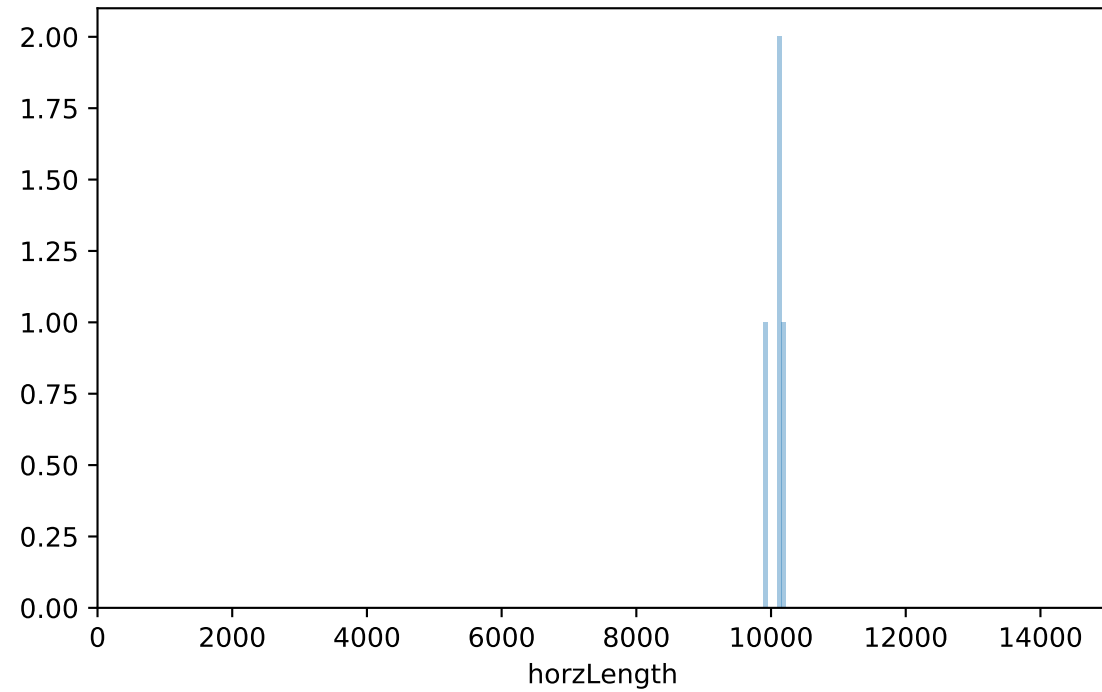
## Permits by Operator



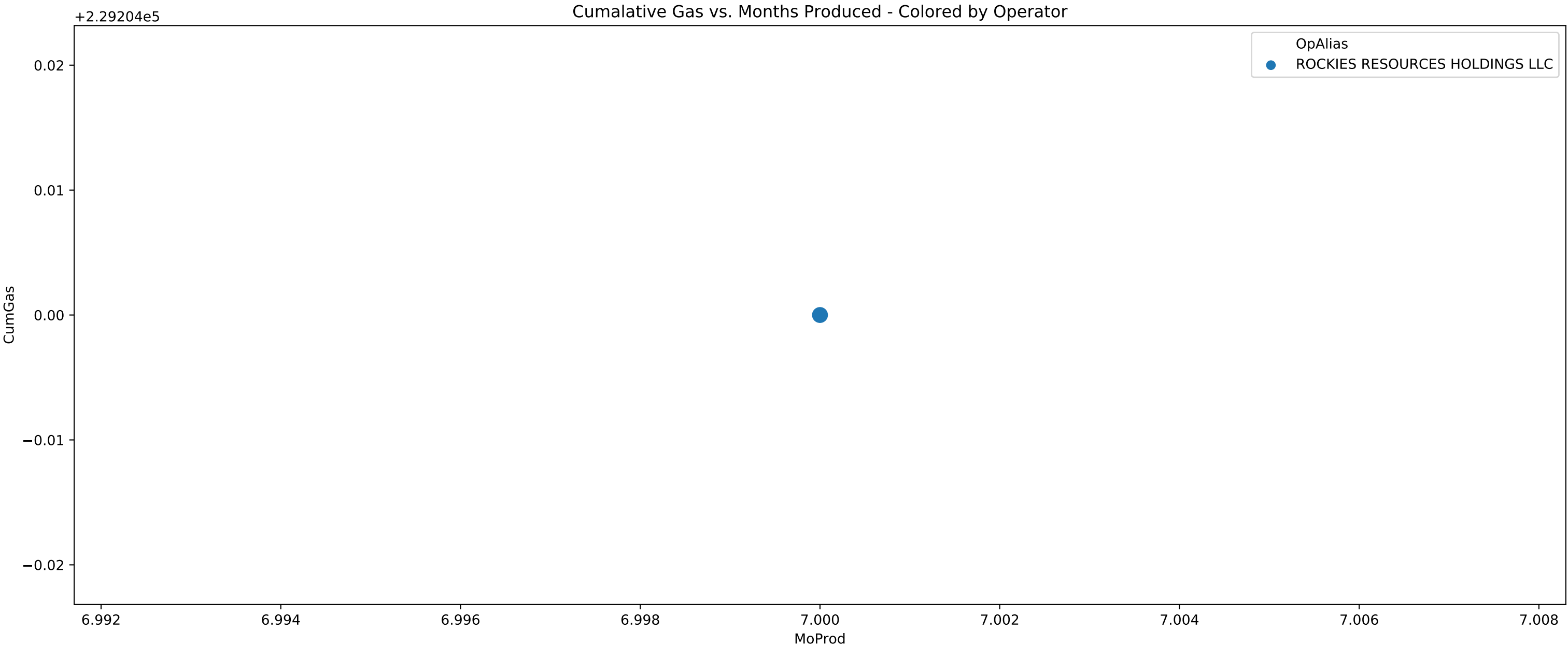
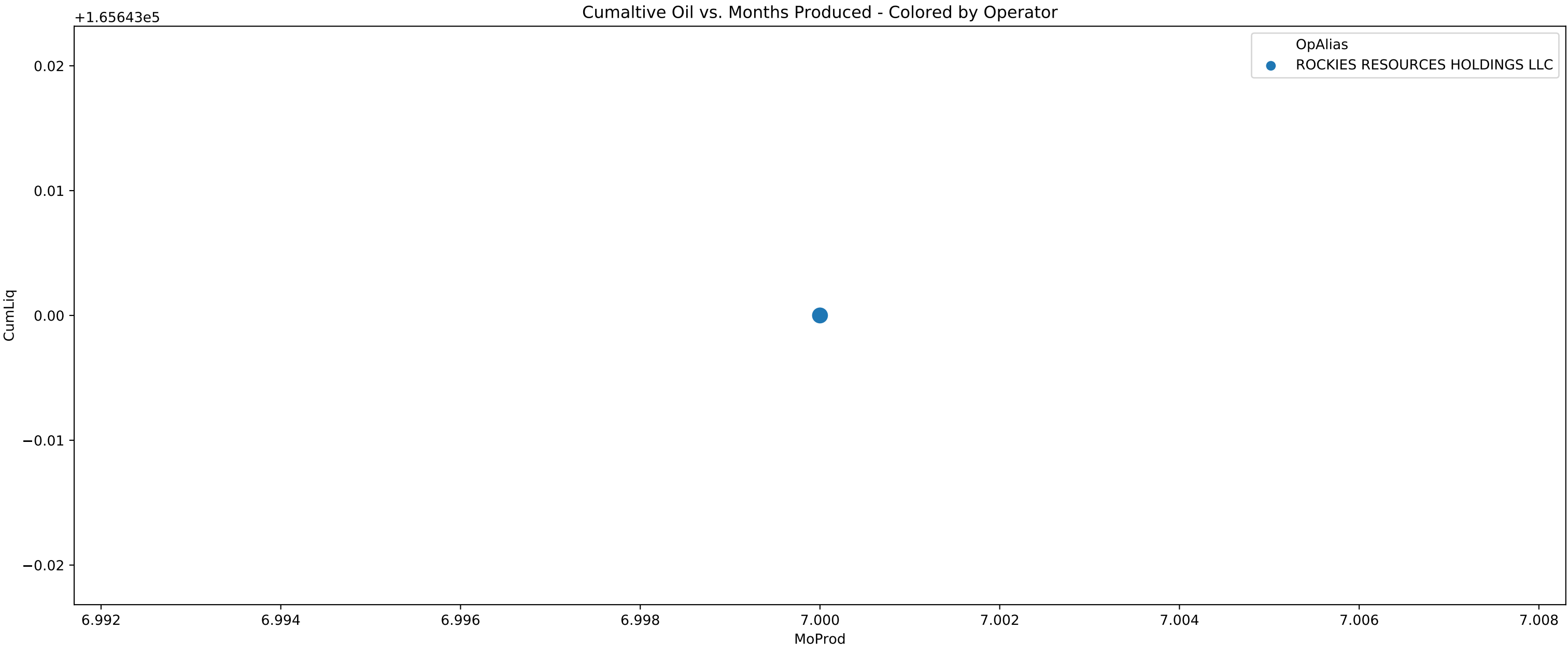
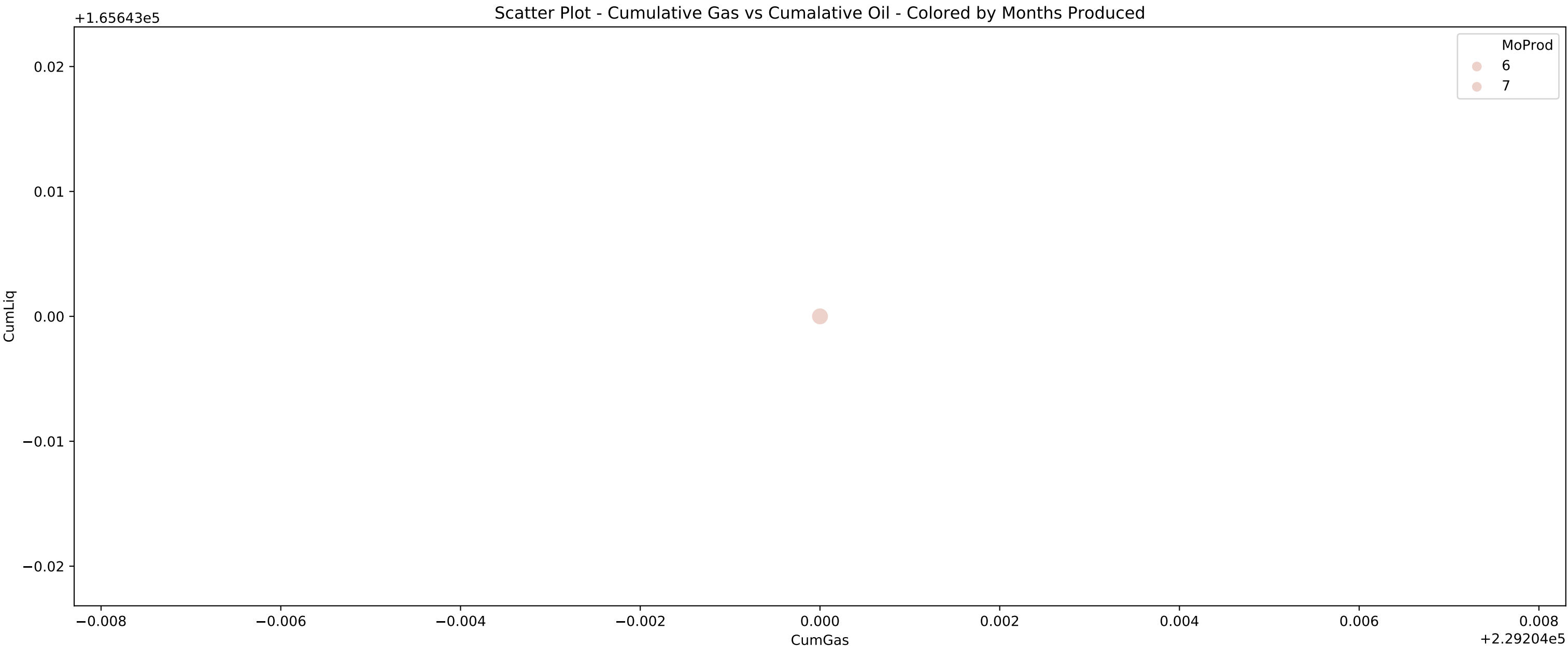
## Permits by Well Type (H,D,V)



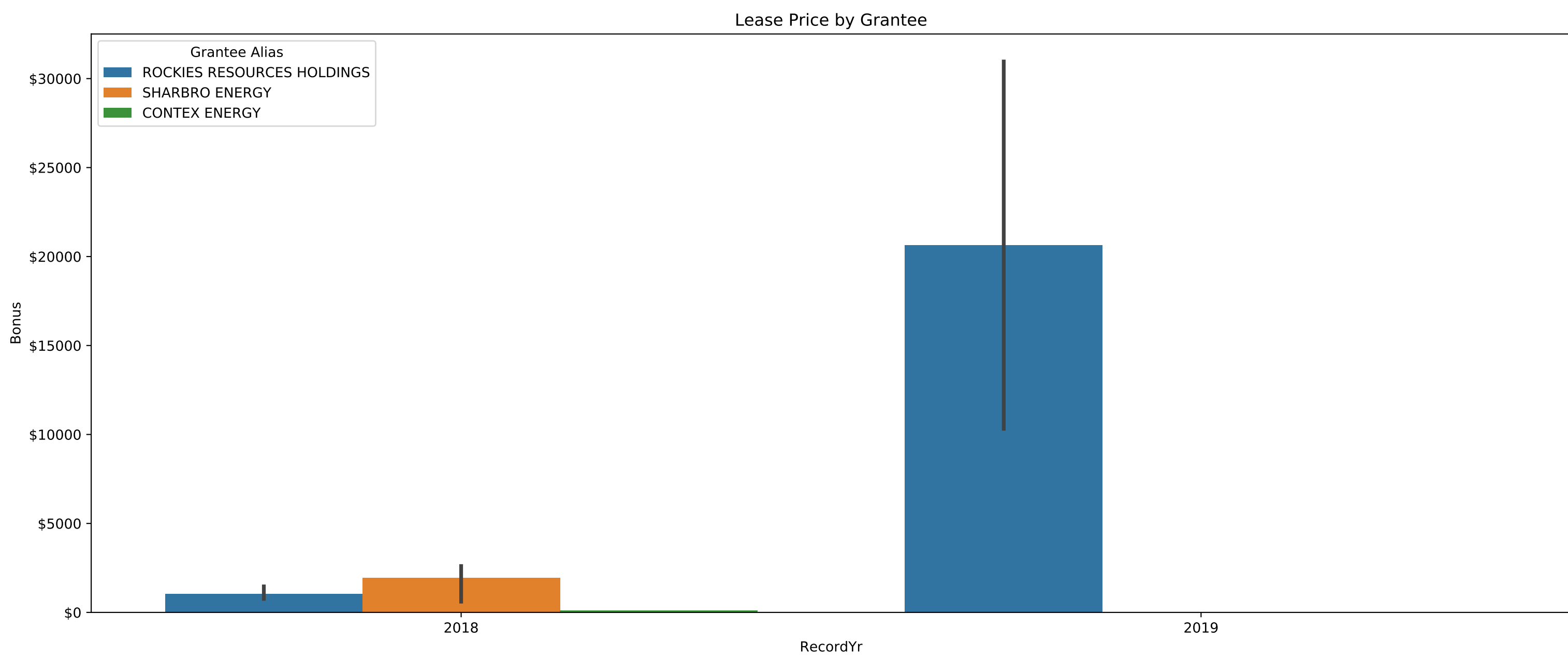
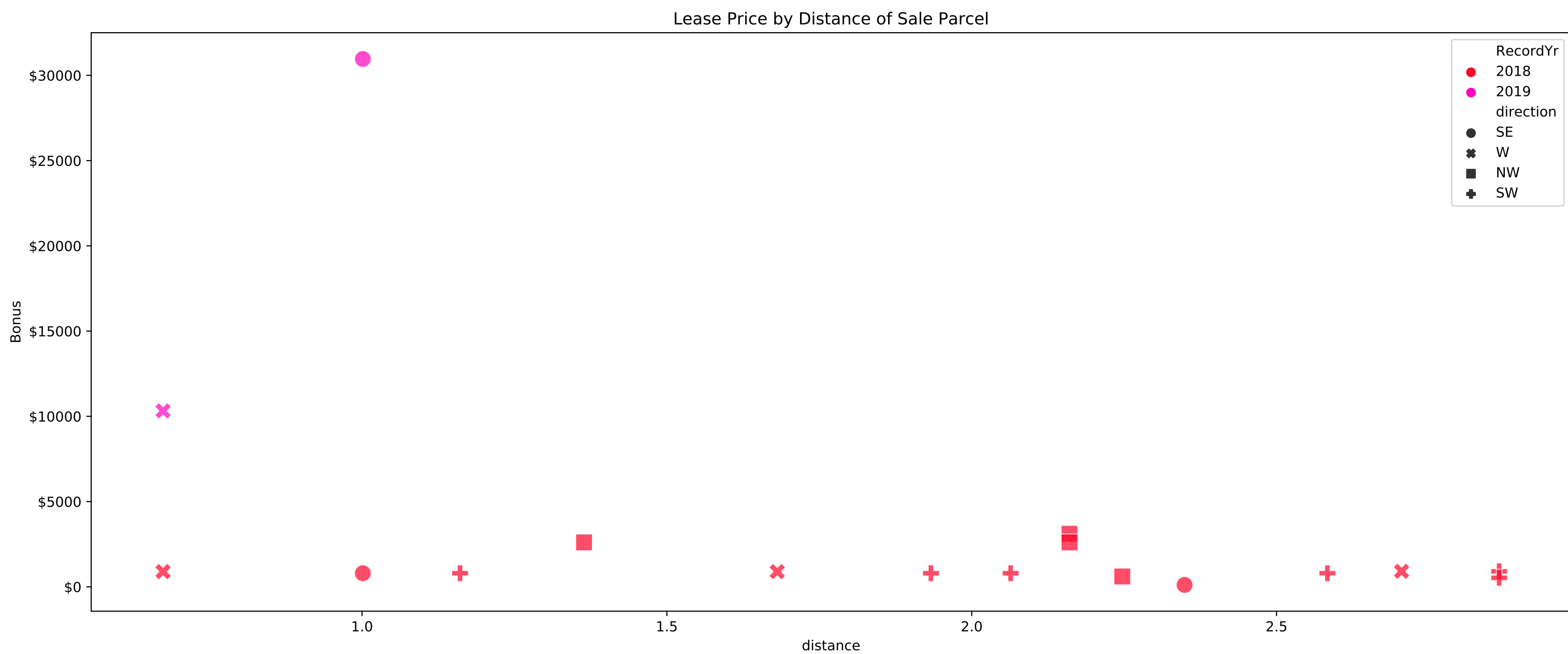
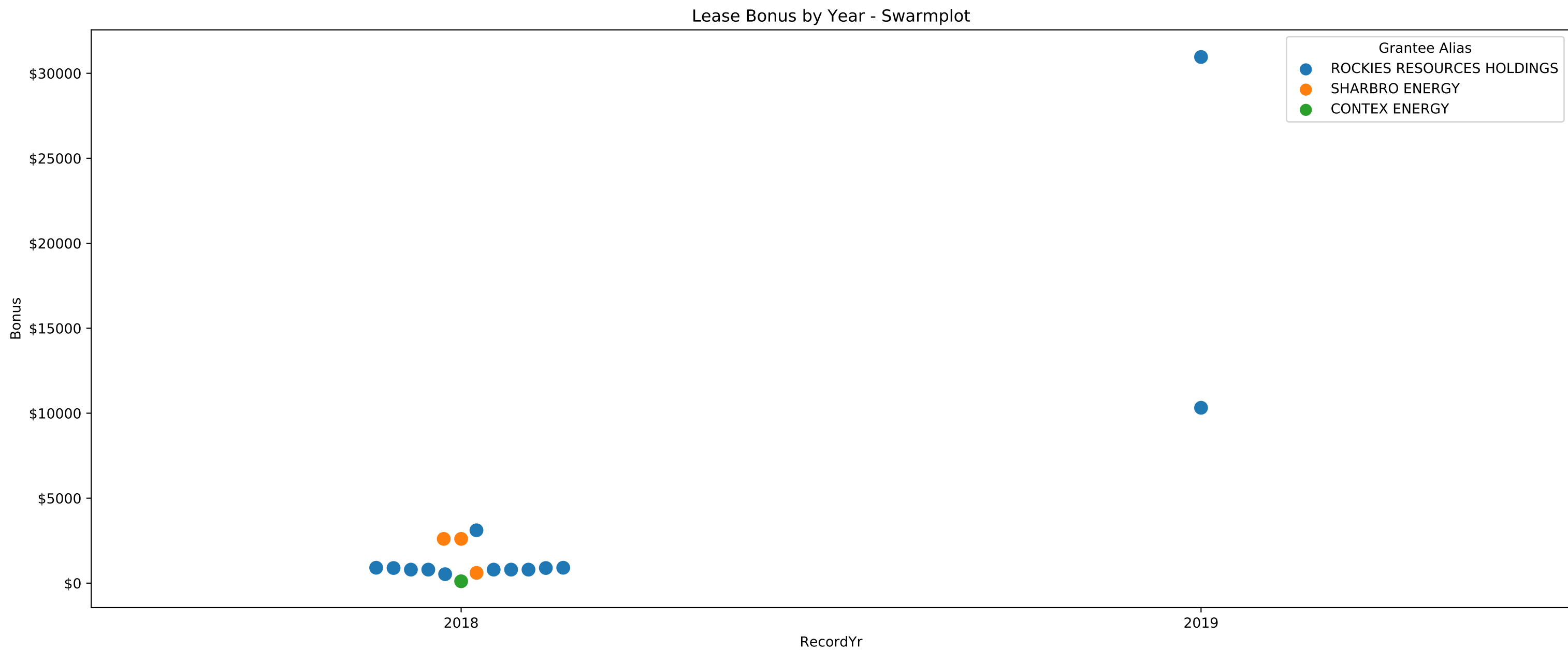
## Permit Horizontal Lengths - Binned



Production Dashboard for tract 43

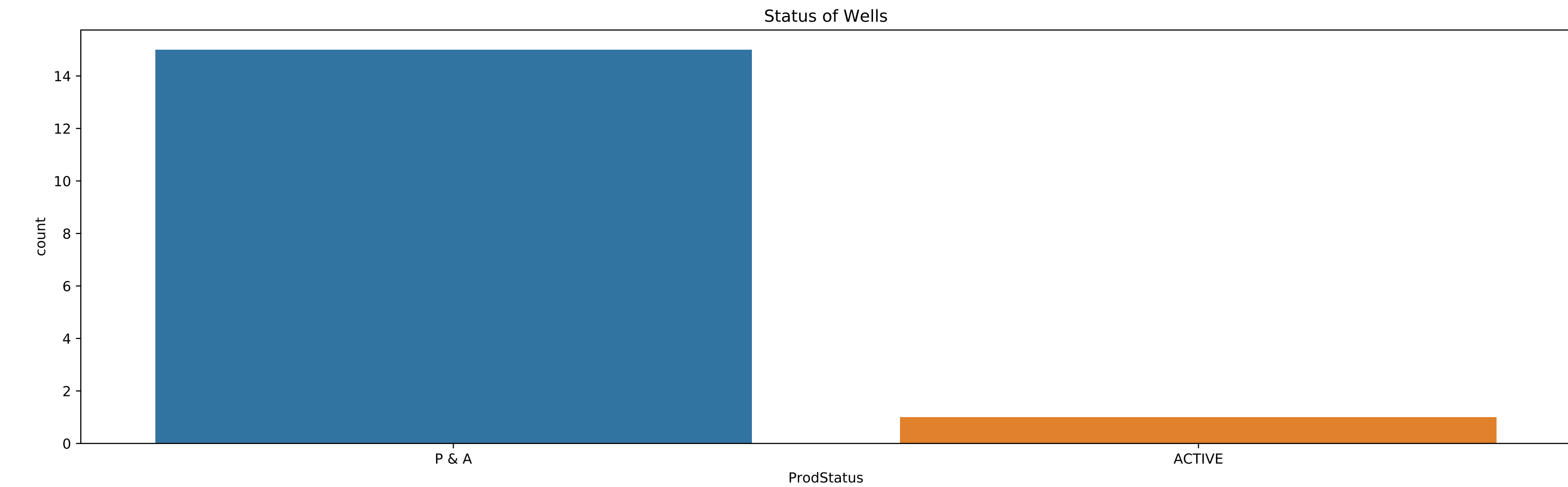
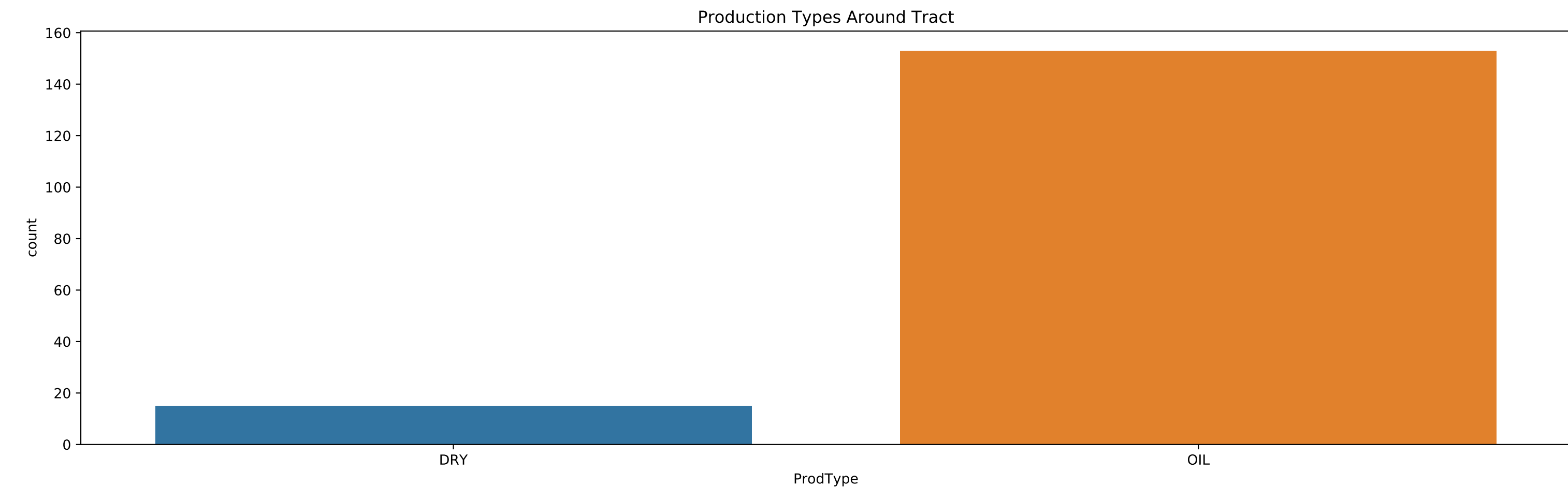
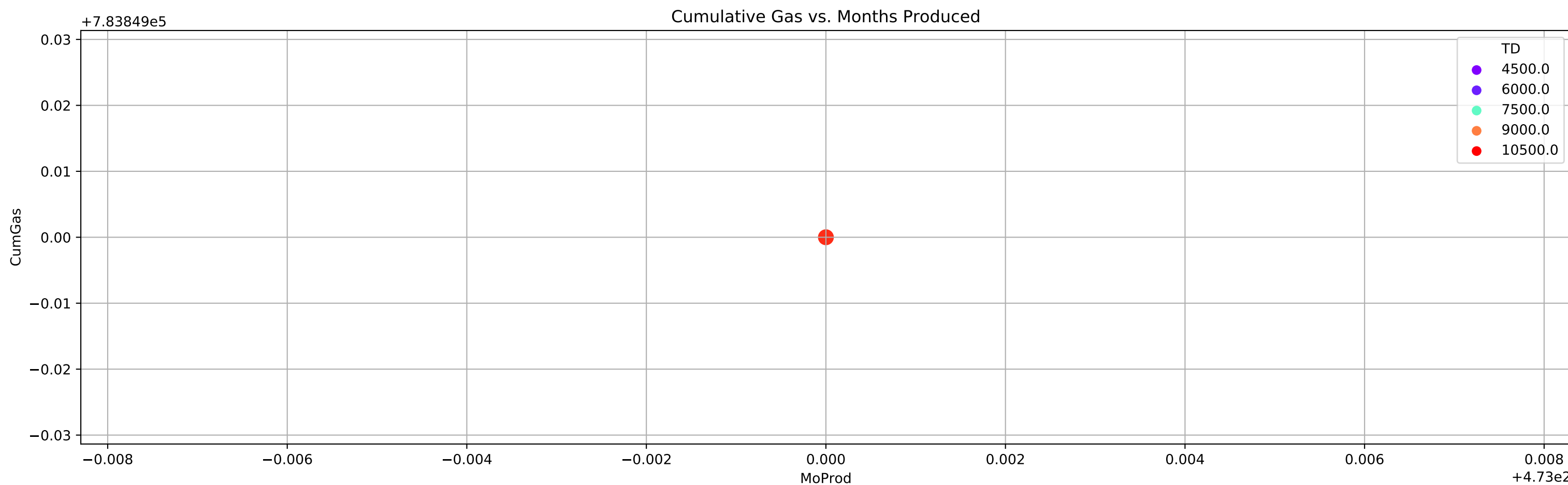
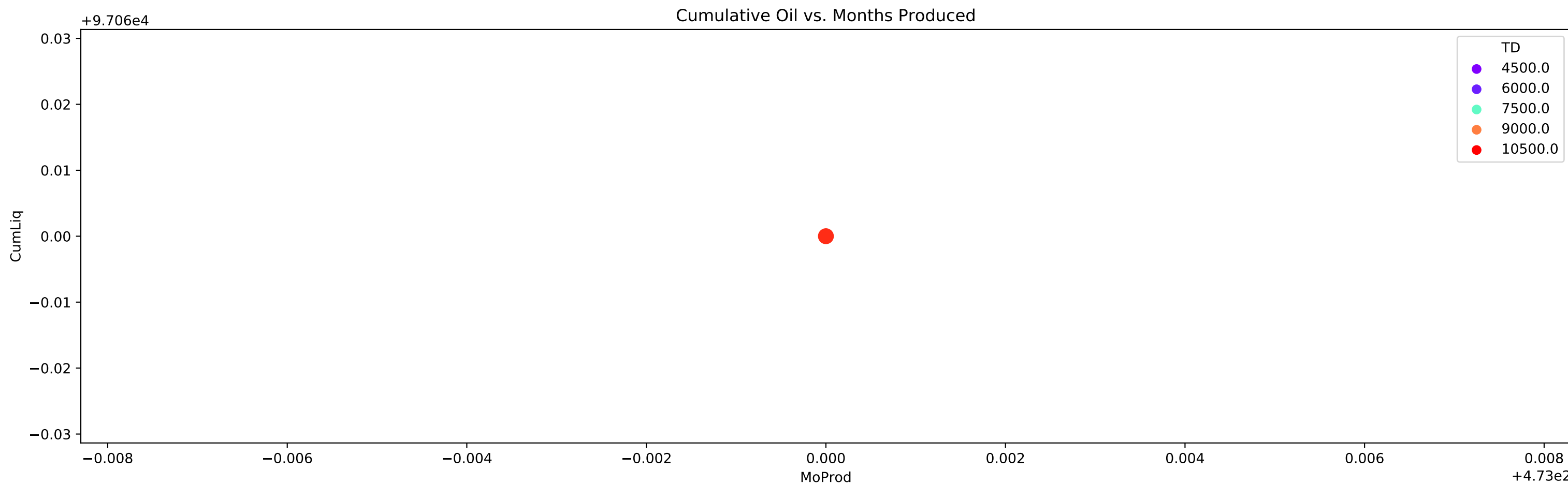


Lease Summary for tract 43  
Total Number of Leases: 17  
Average Price \$20640/acre in 2019

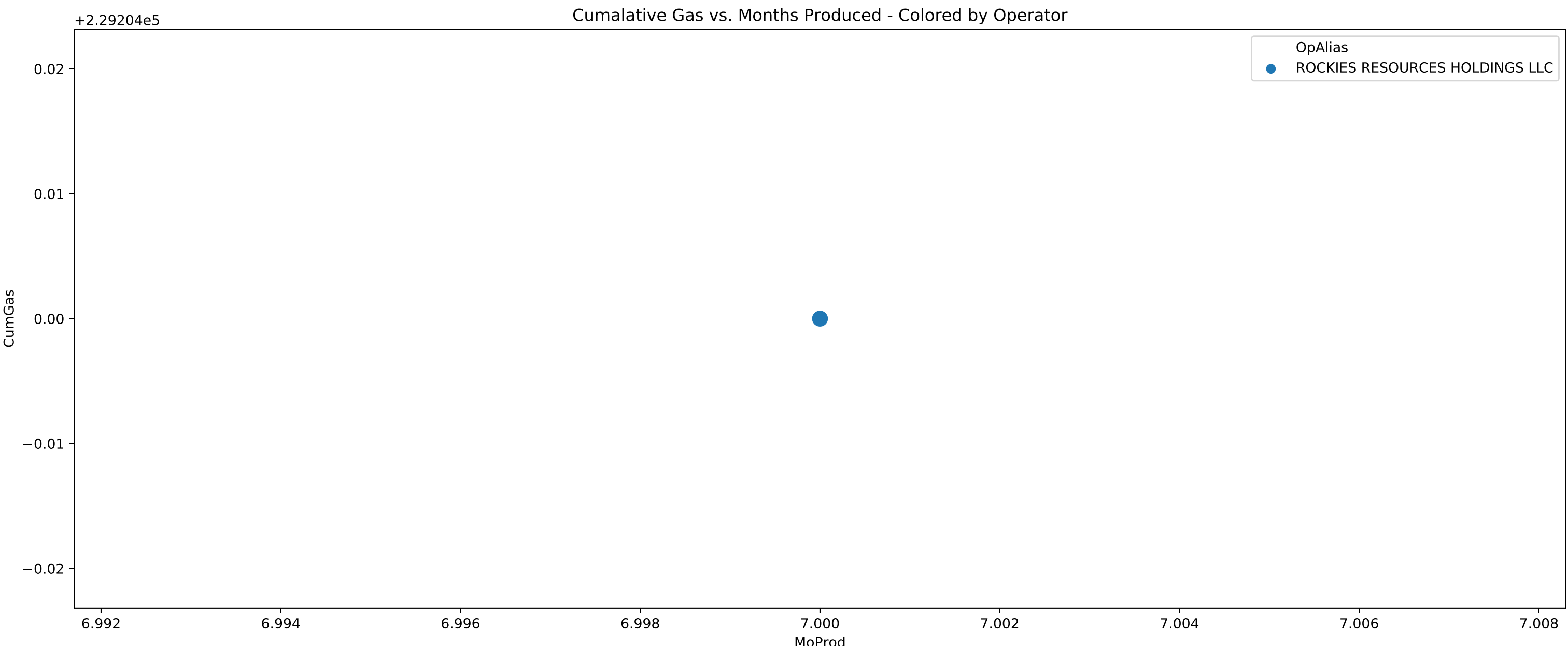
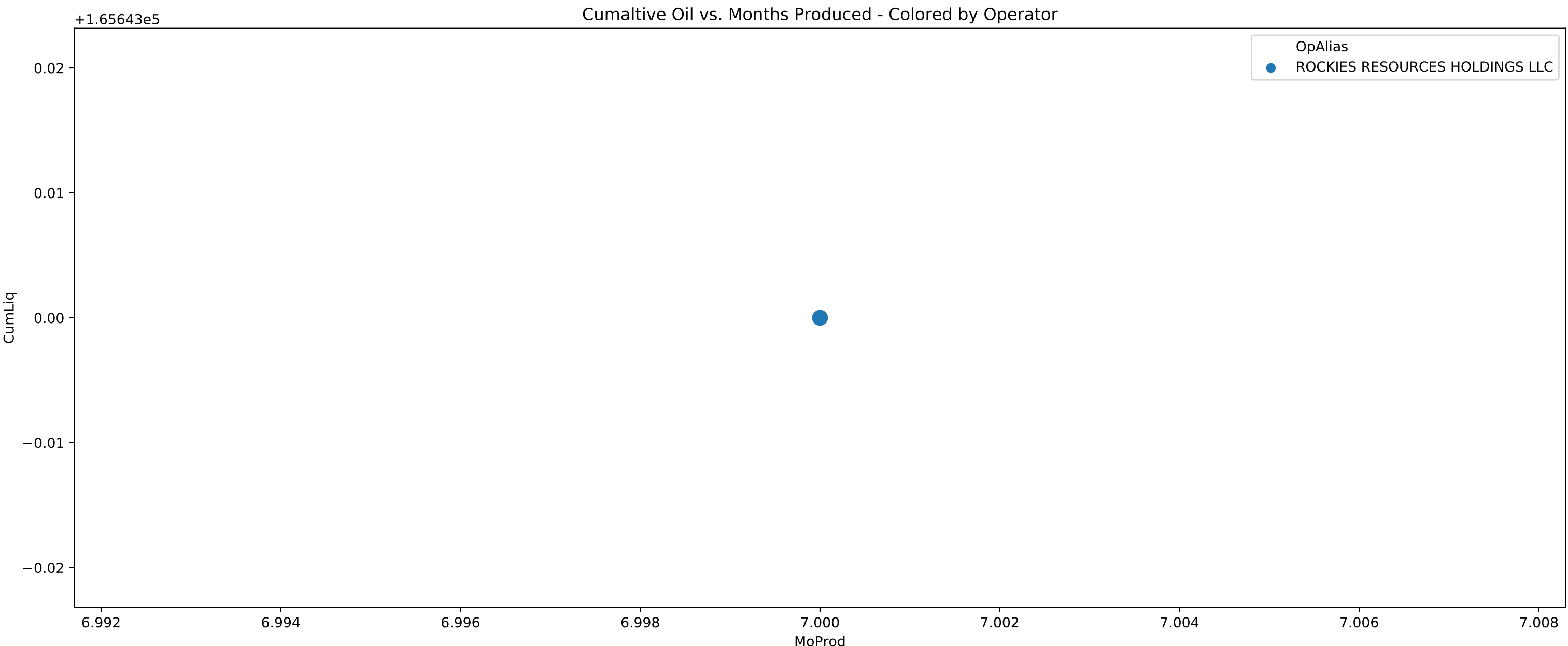
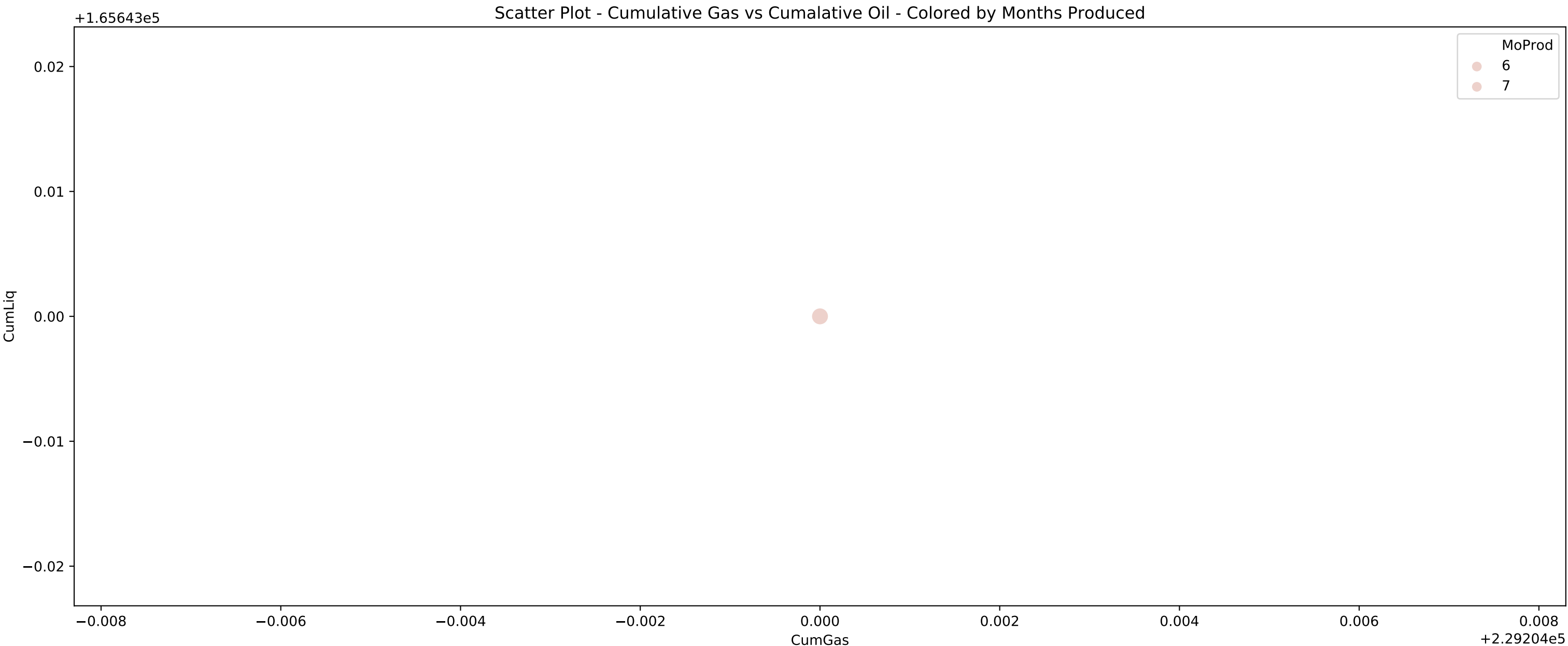




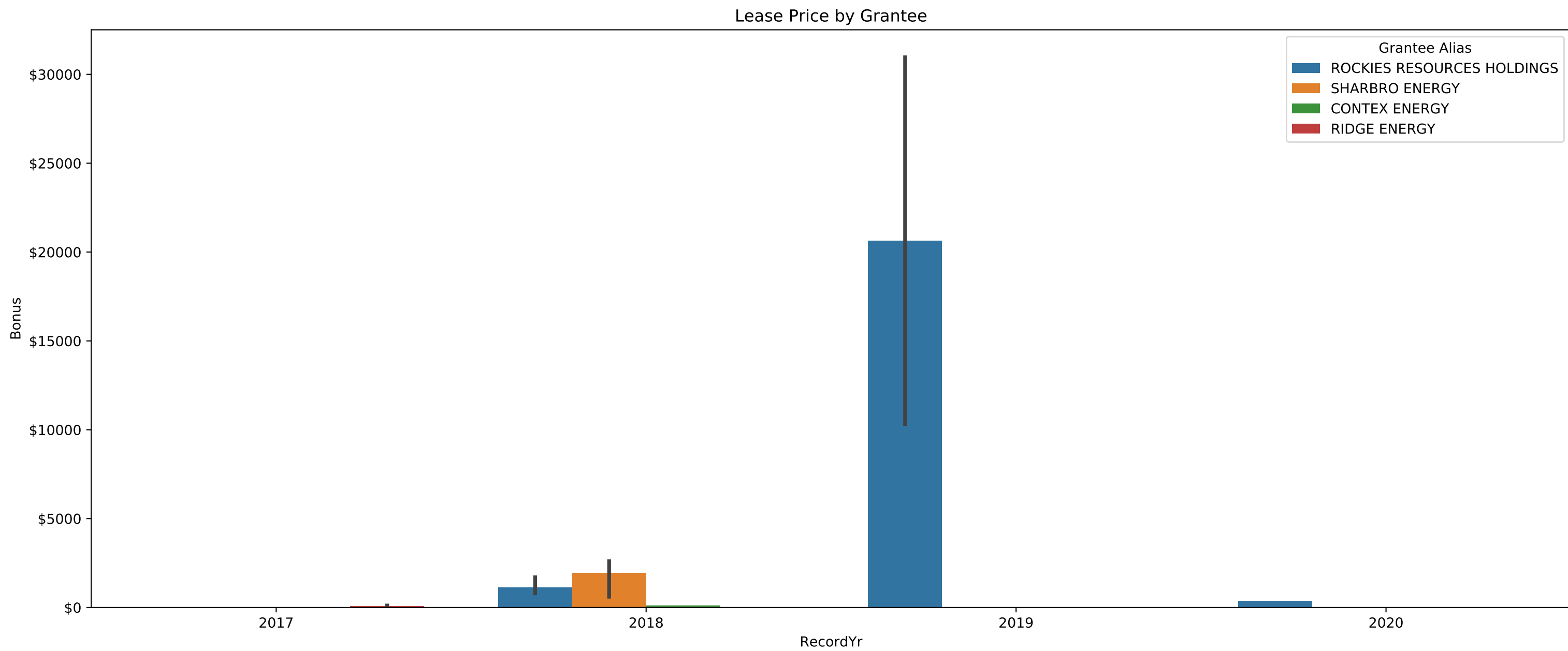
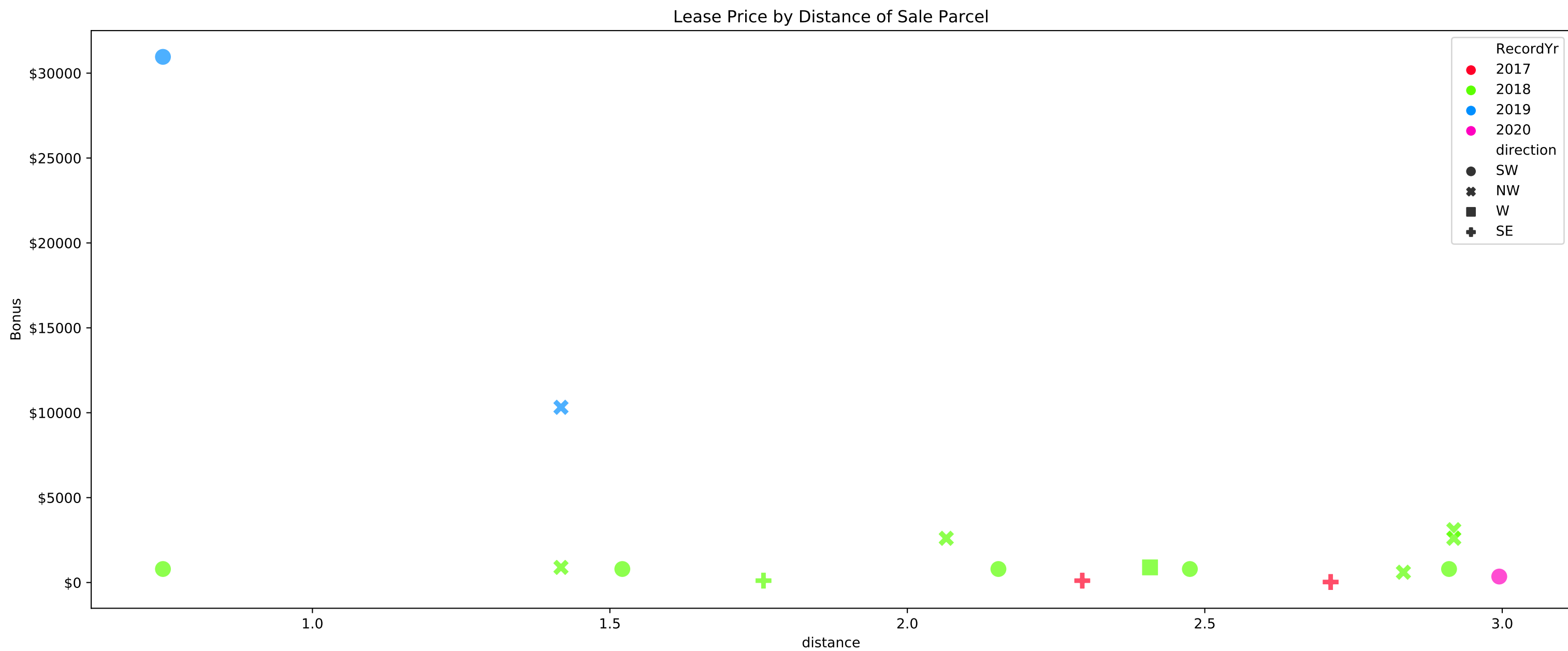
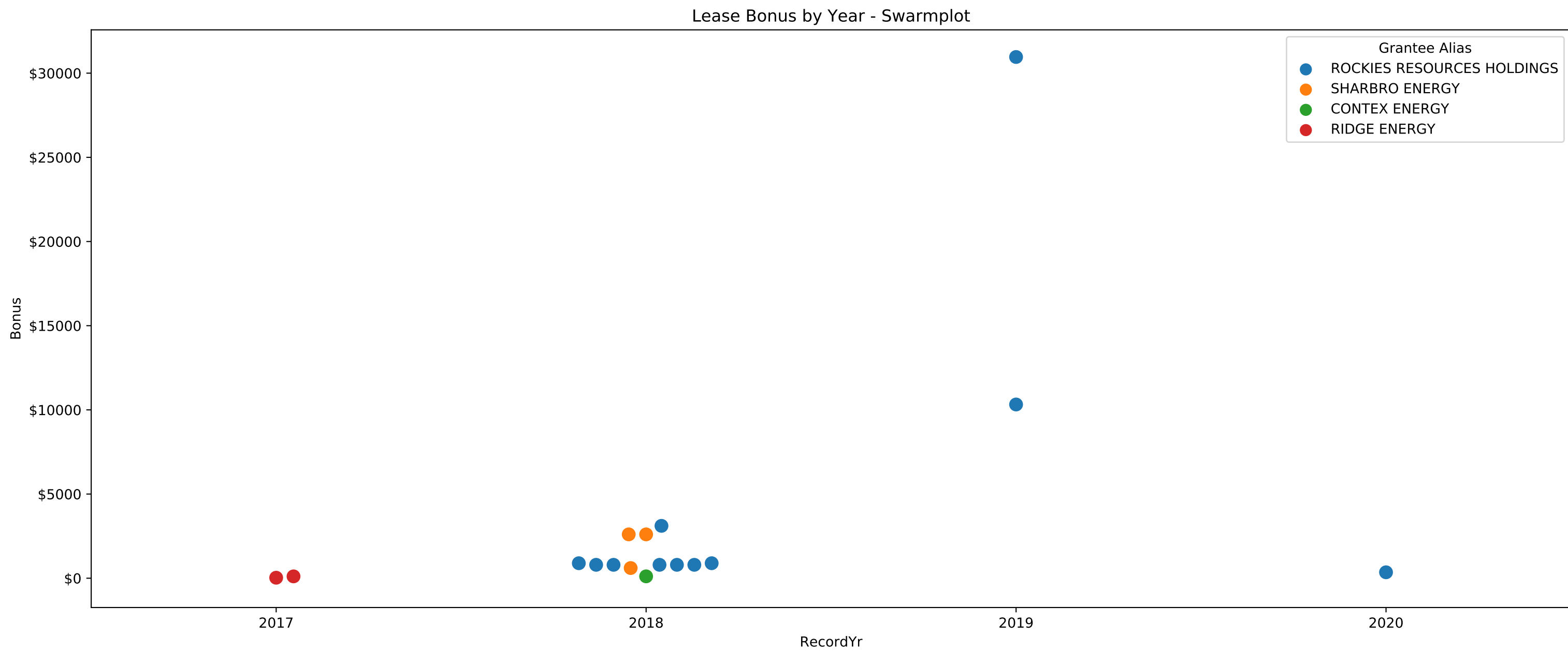
# Old Production Outside of Tract 43 - 3 Mi Radius



Production Dashboard for tract 46

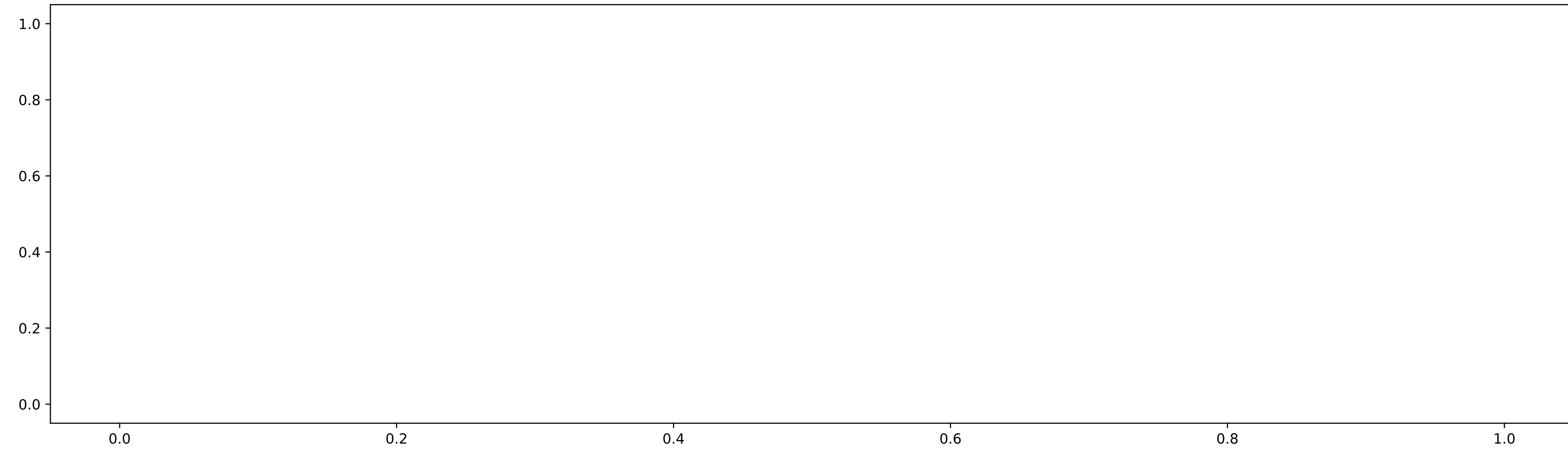


Lease Summary for tract 46  
Total Number of Leases: 17  
Average Price \$352/acre in 2020

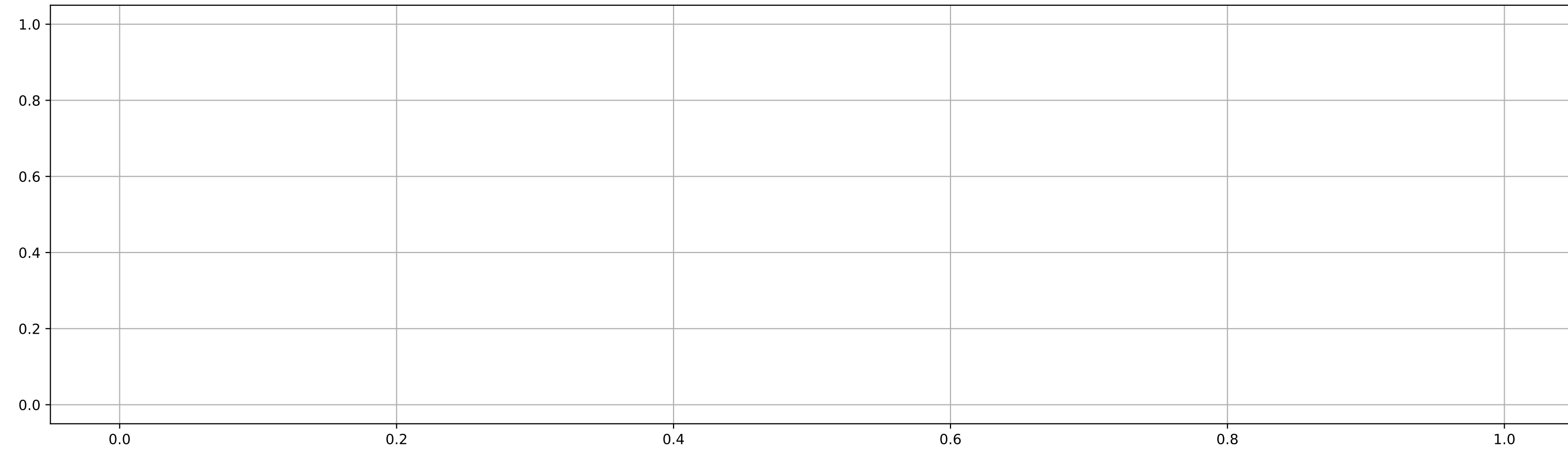


# Old Production Outside of Tract 46 - 3 Mi Radius

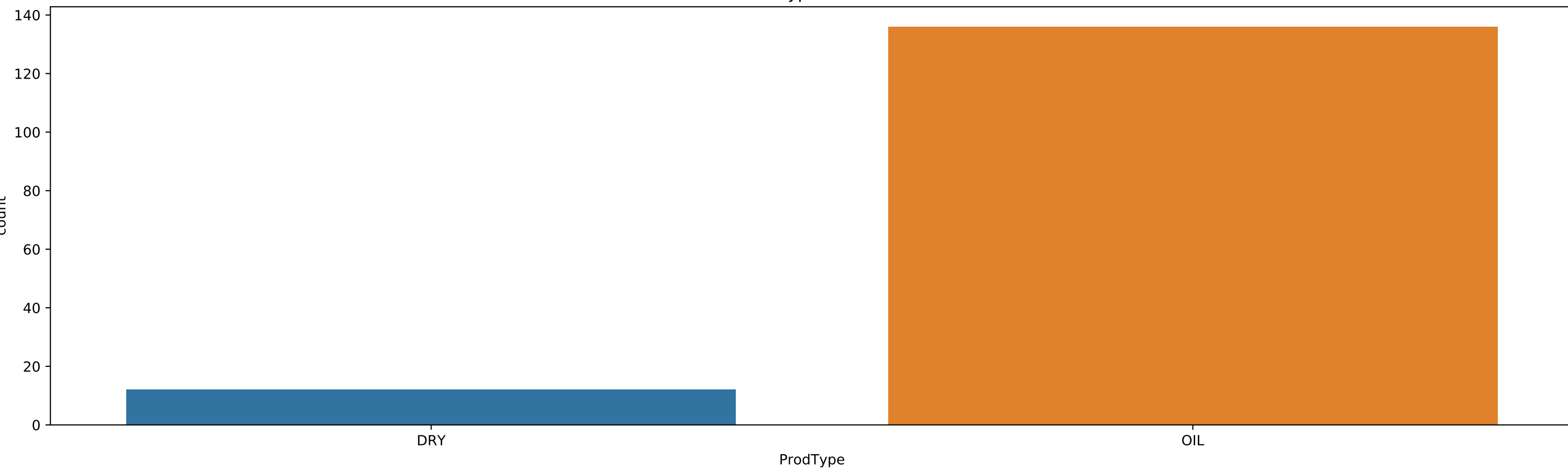
Cumulative Oil vs. Months Produced



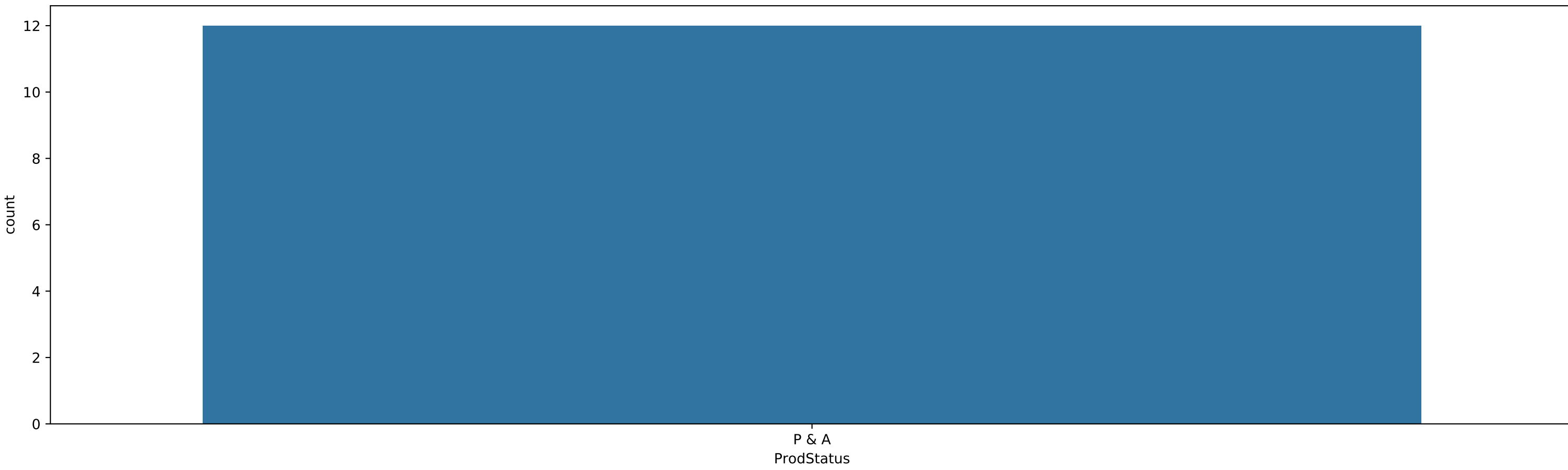
Cumulative Gas vs. Months Produced



Production Types Around Tract



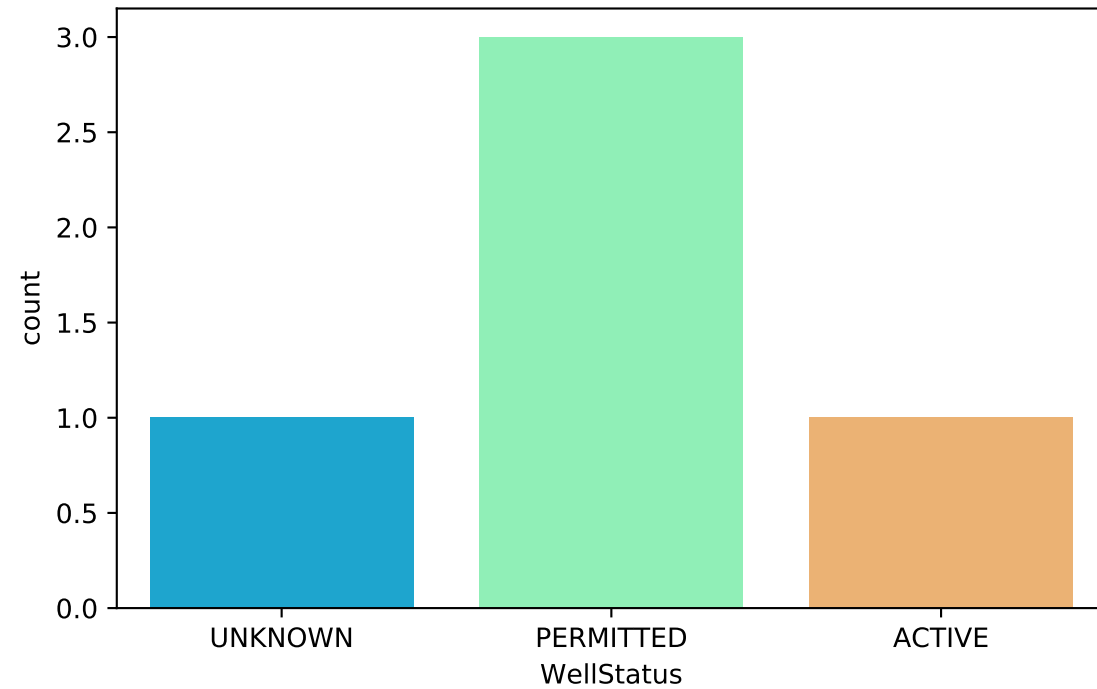
Status of Wells



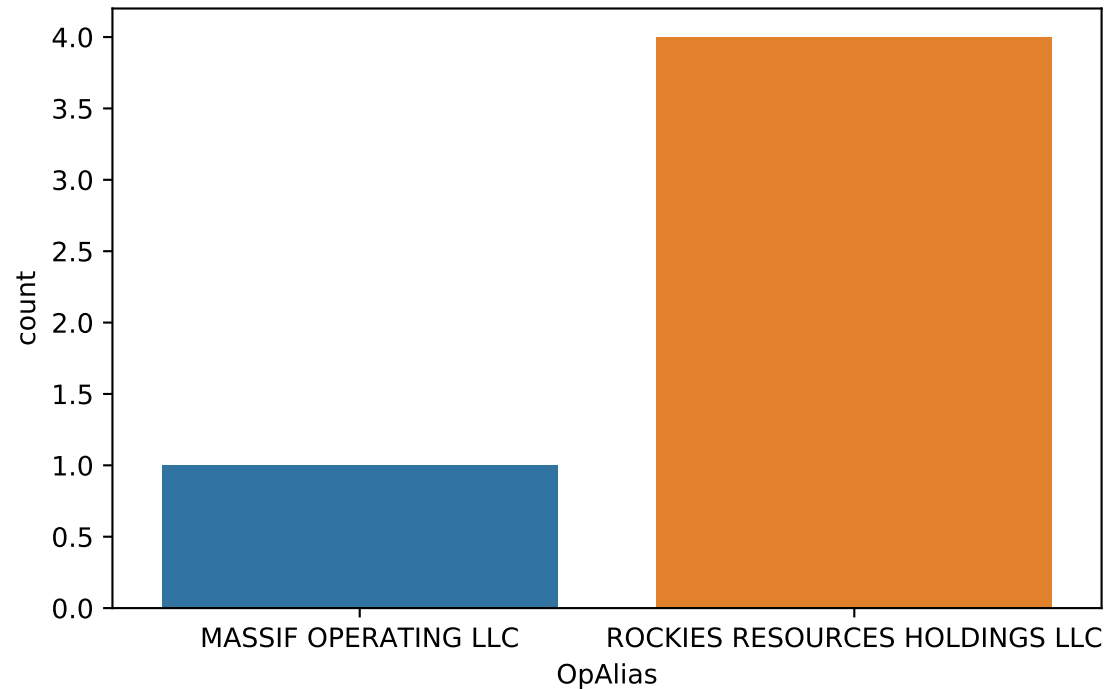
# Permit Summary for Tract 47

Total permits: 5

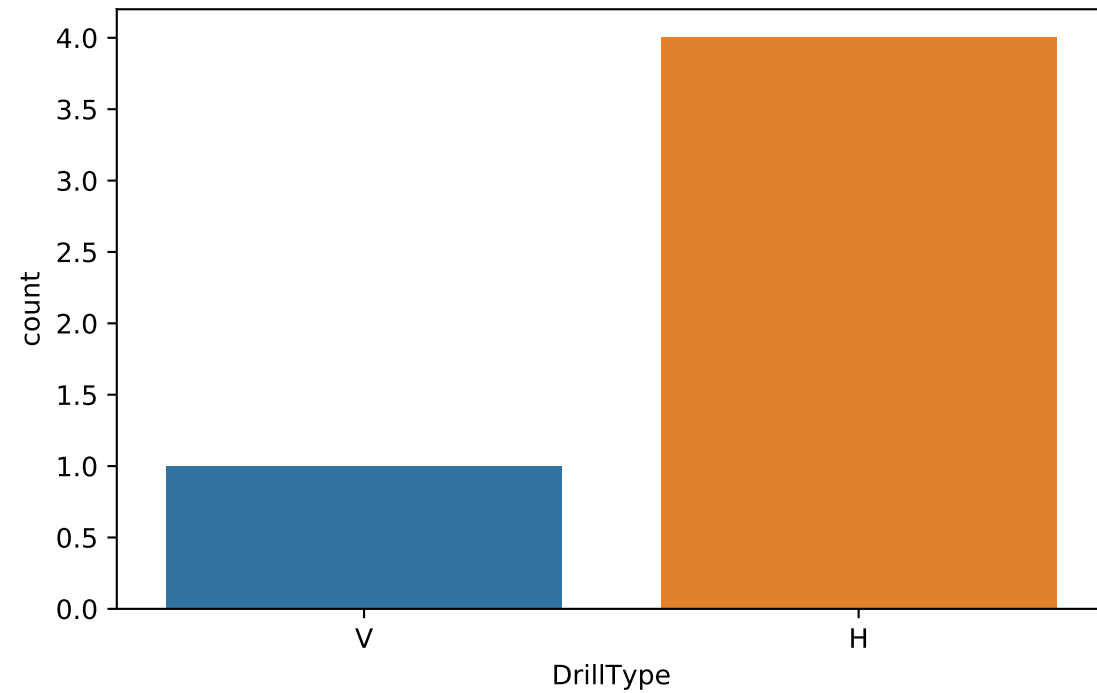
## Permits by Well Status



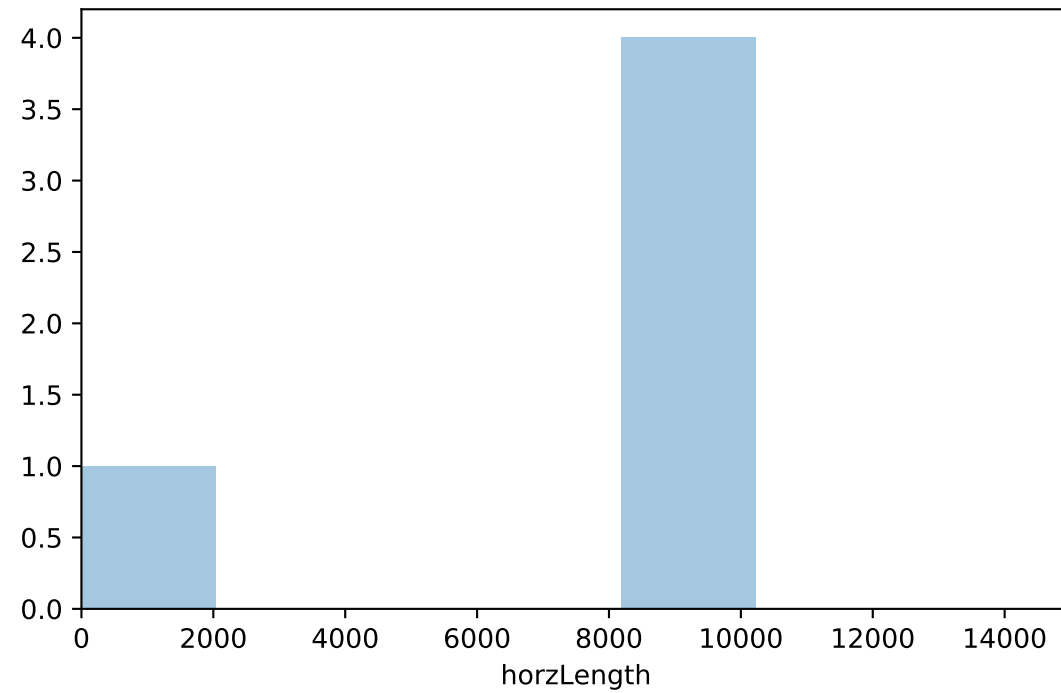
## Permits by Operator



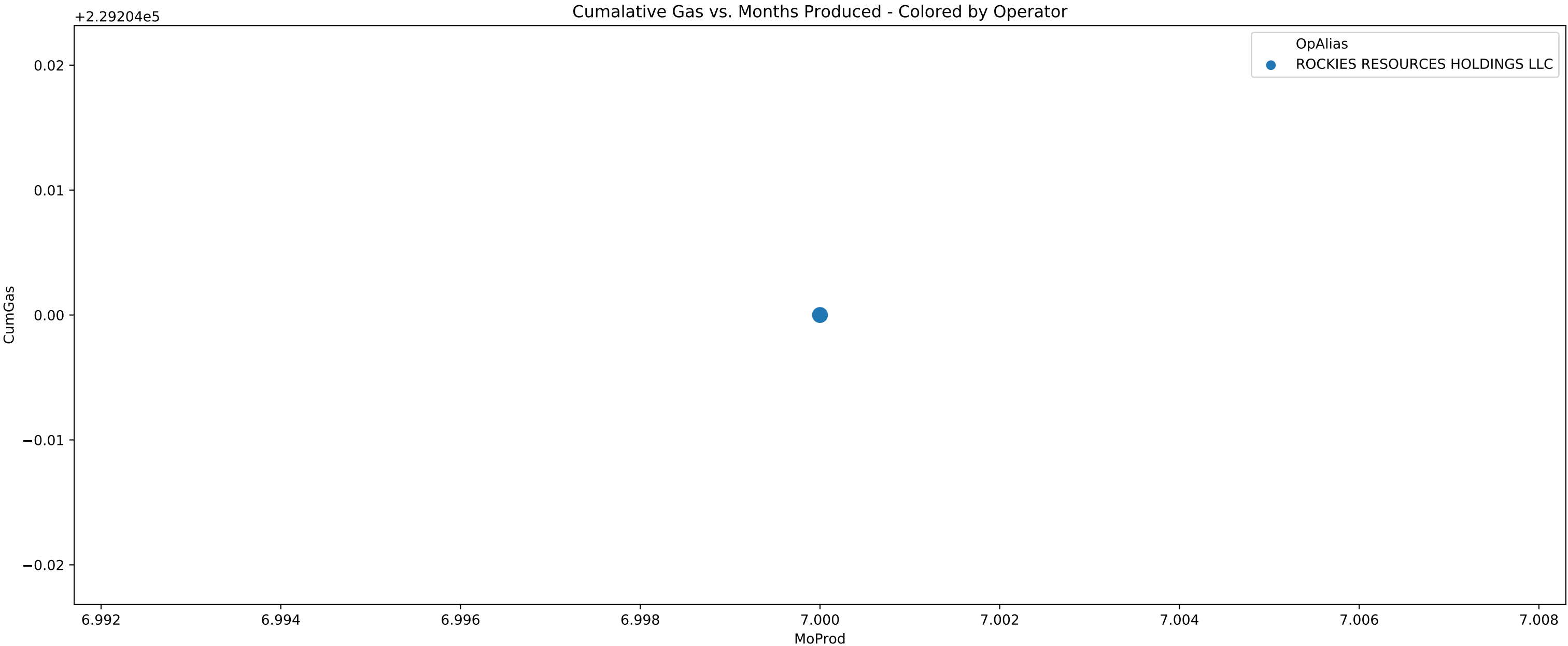
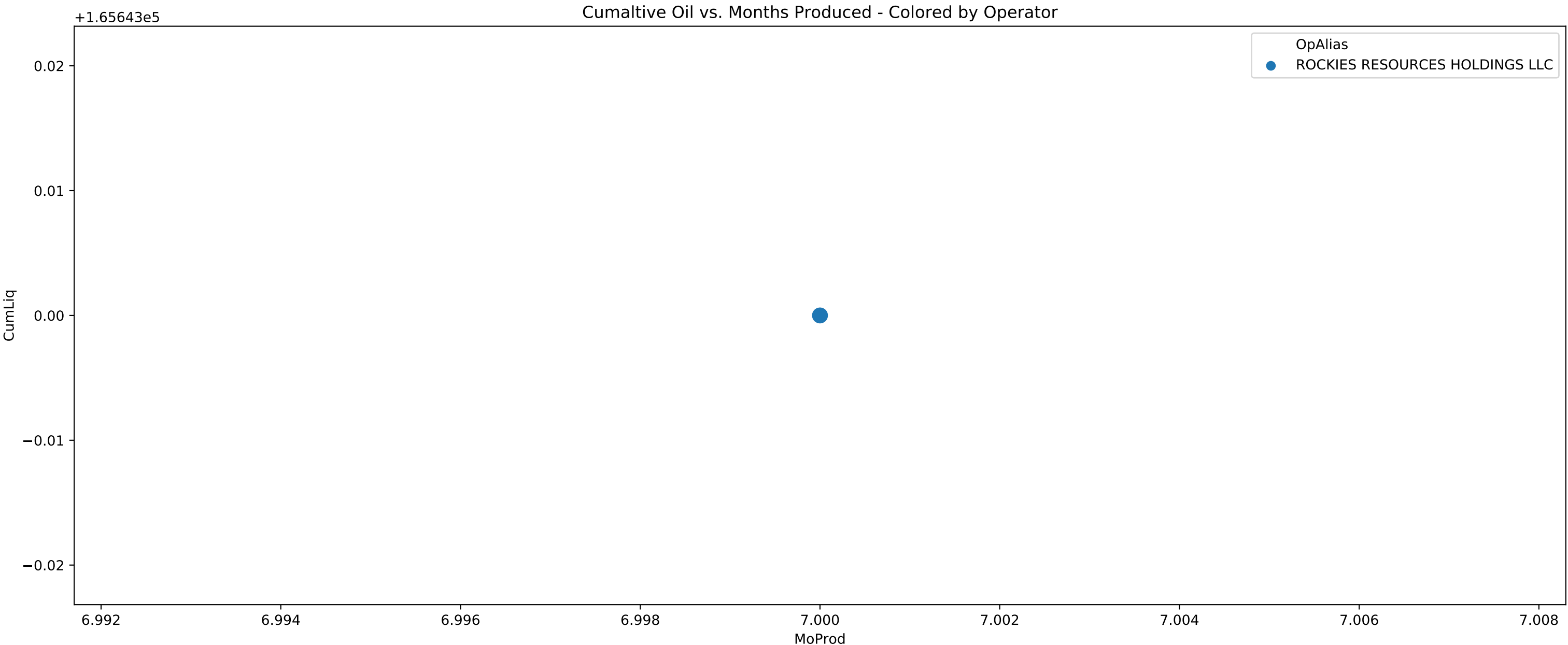
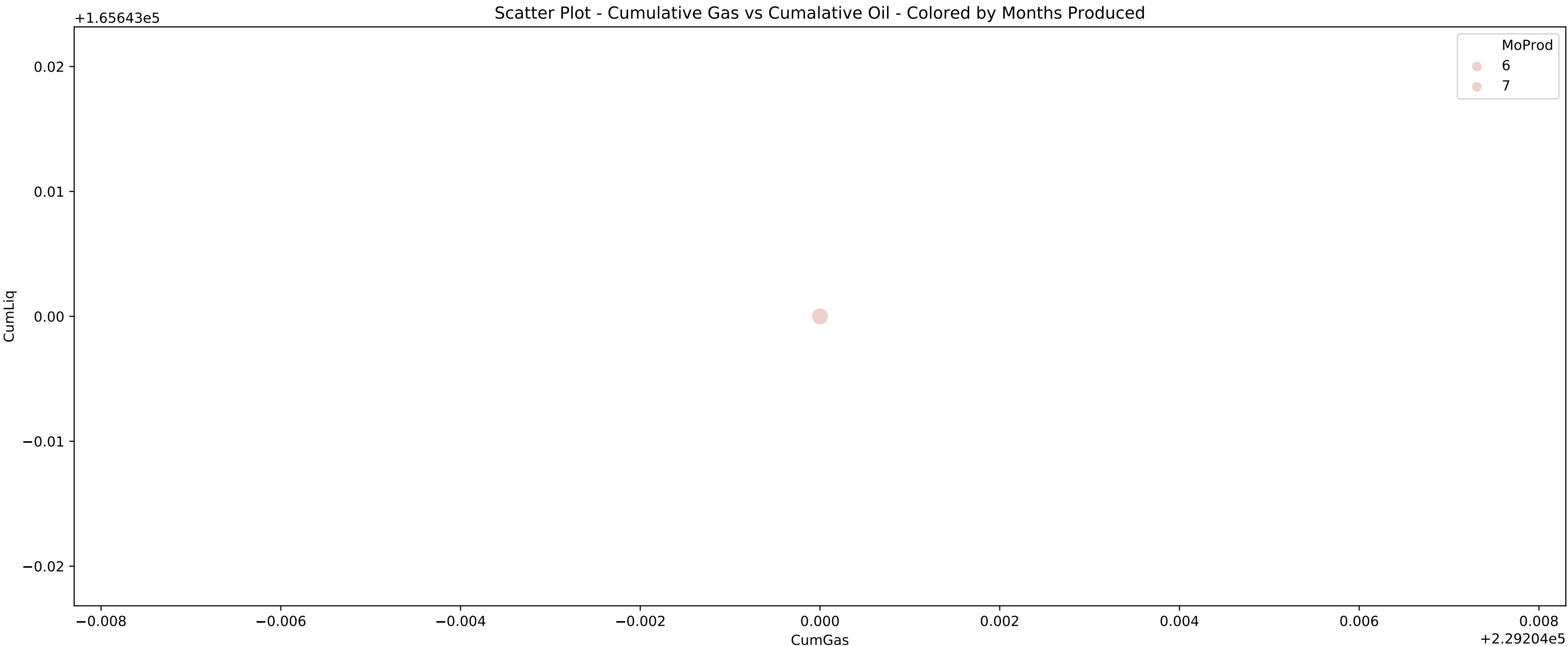
## Permits by Well Type (H,D,V)



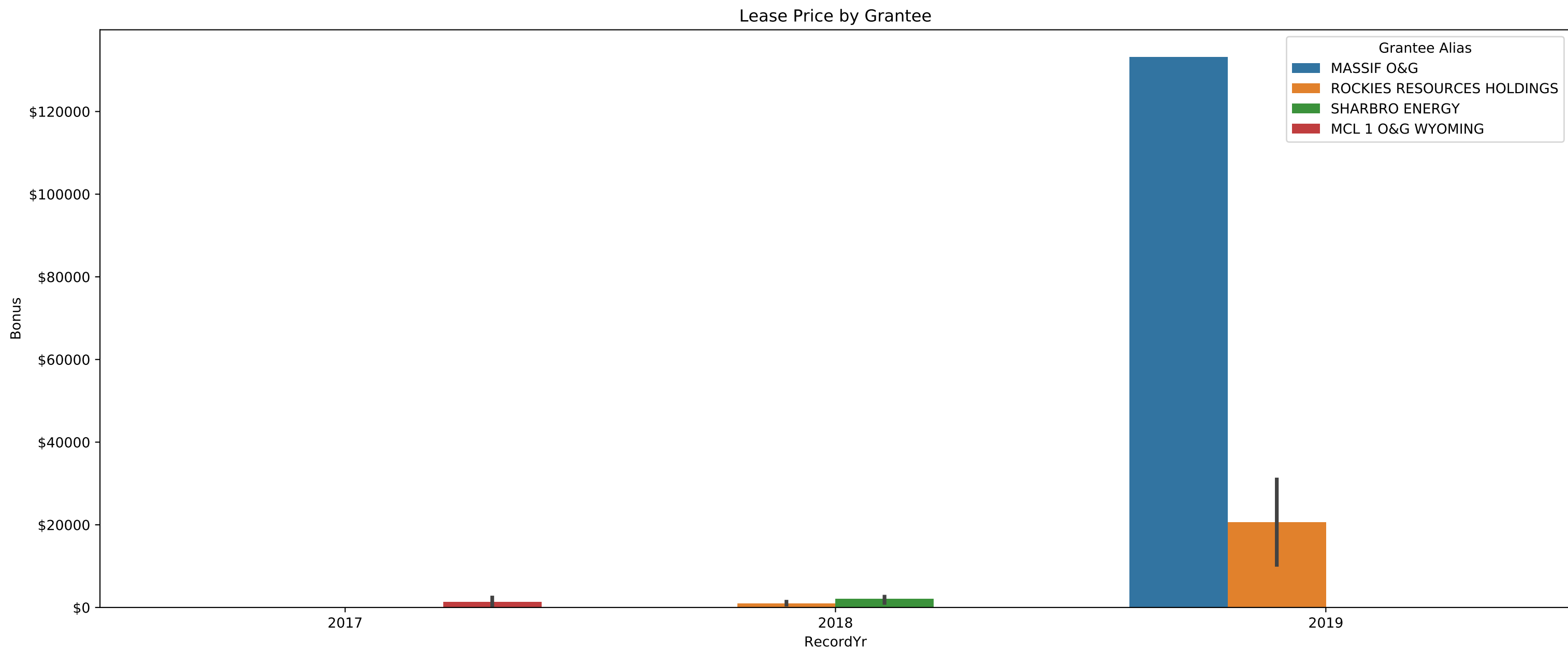
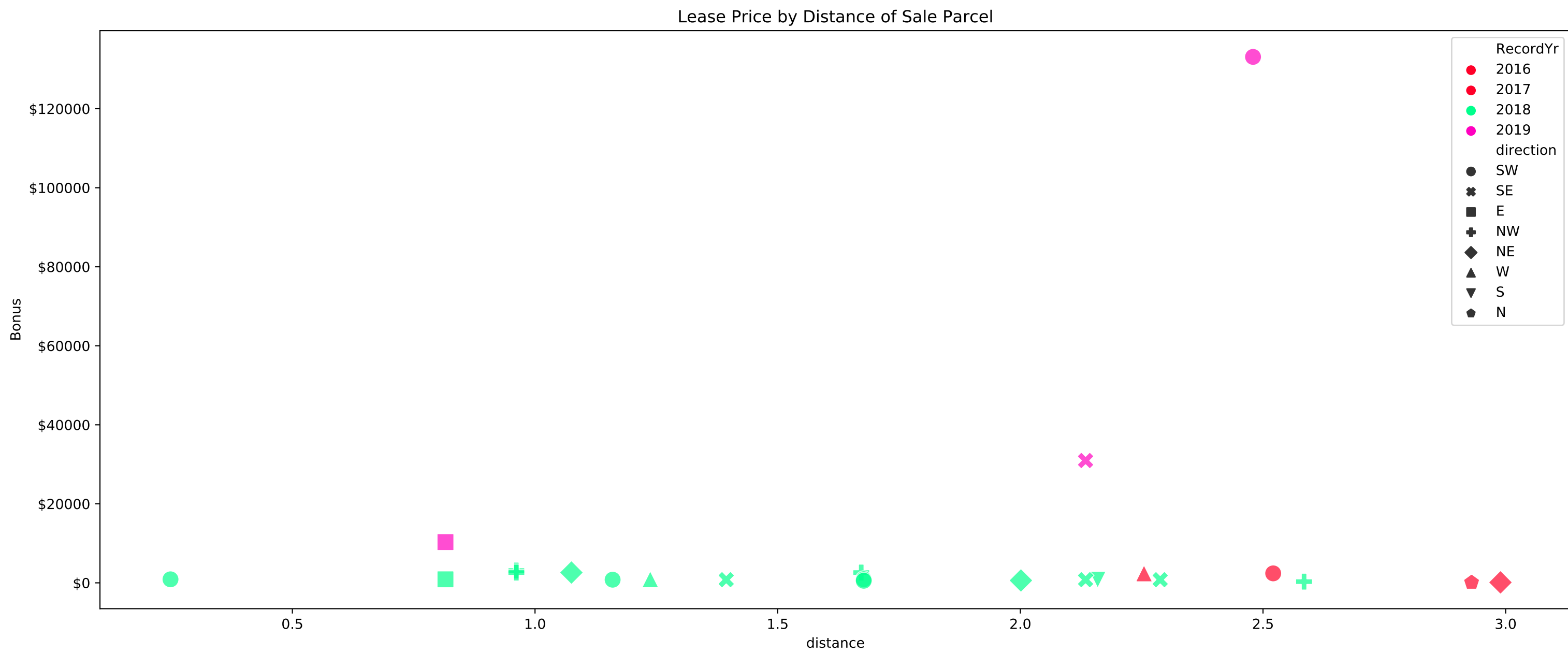
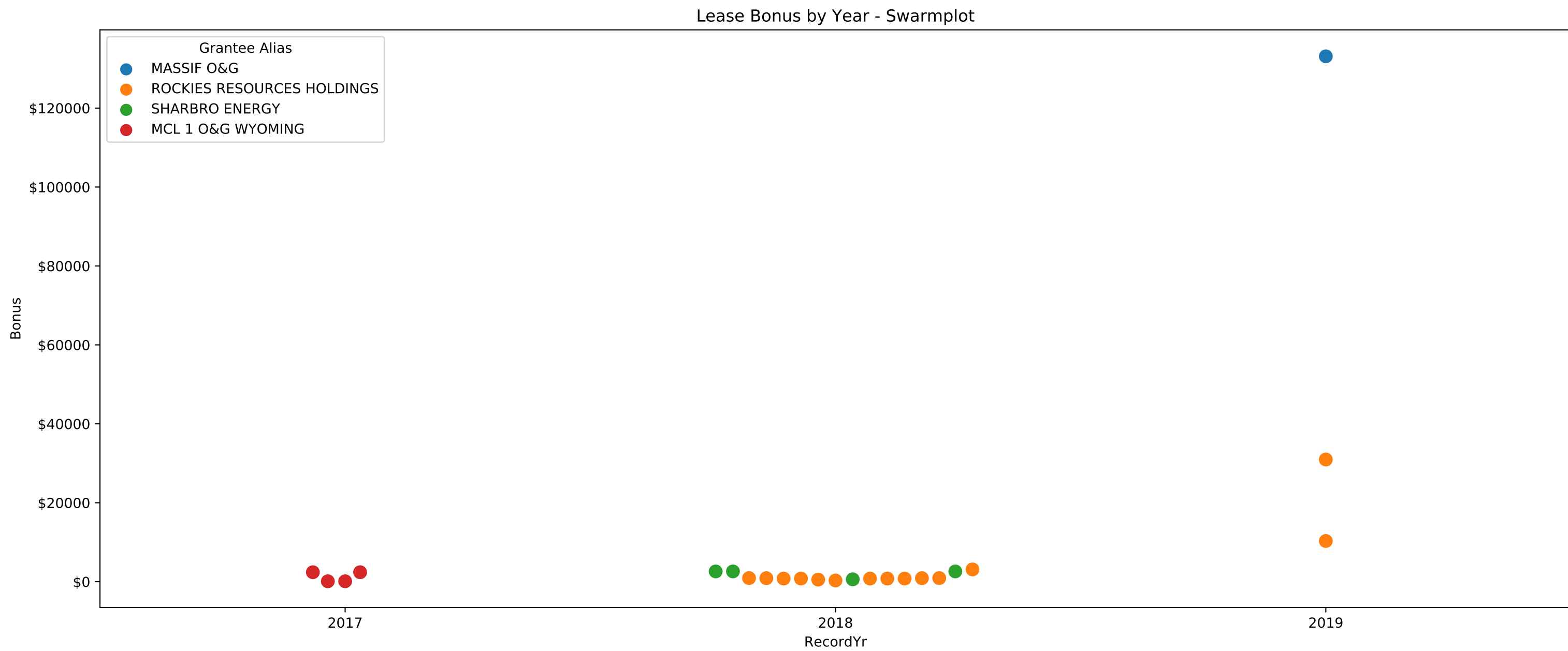
## Permit Horizontal Lengths - Binned



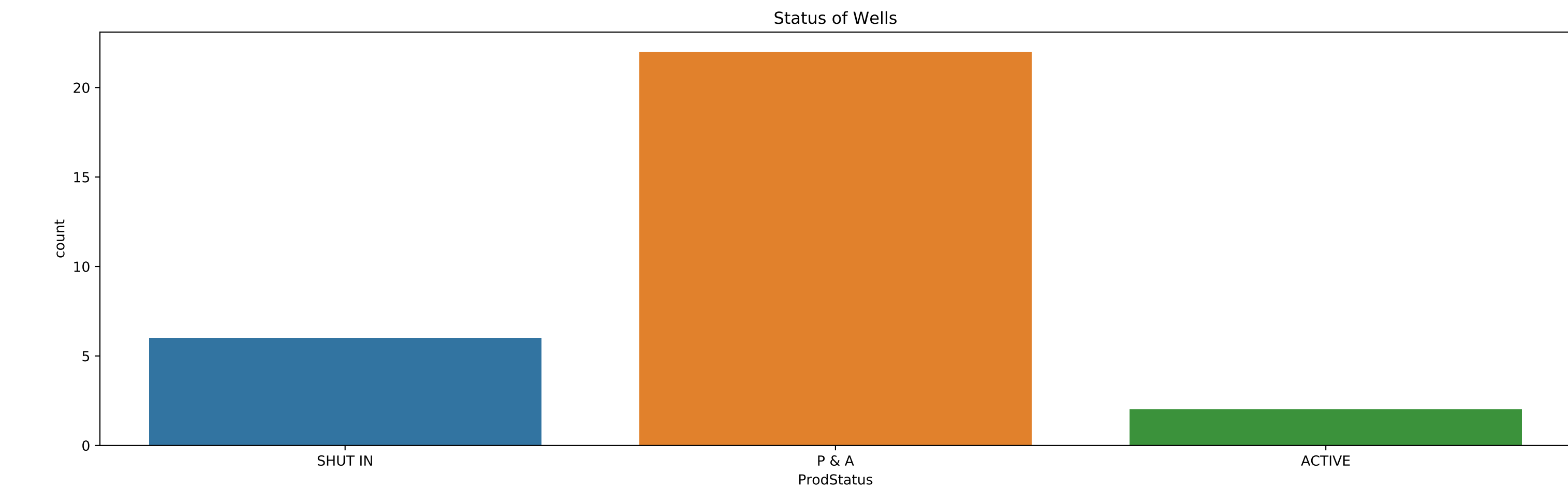
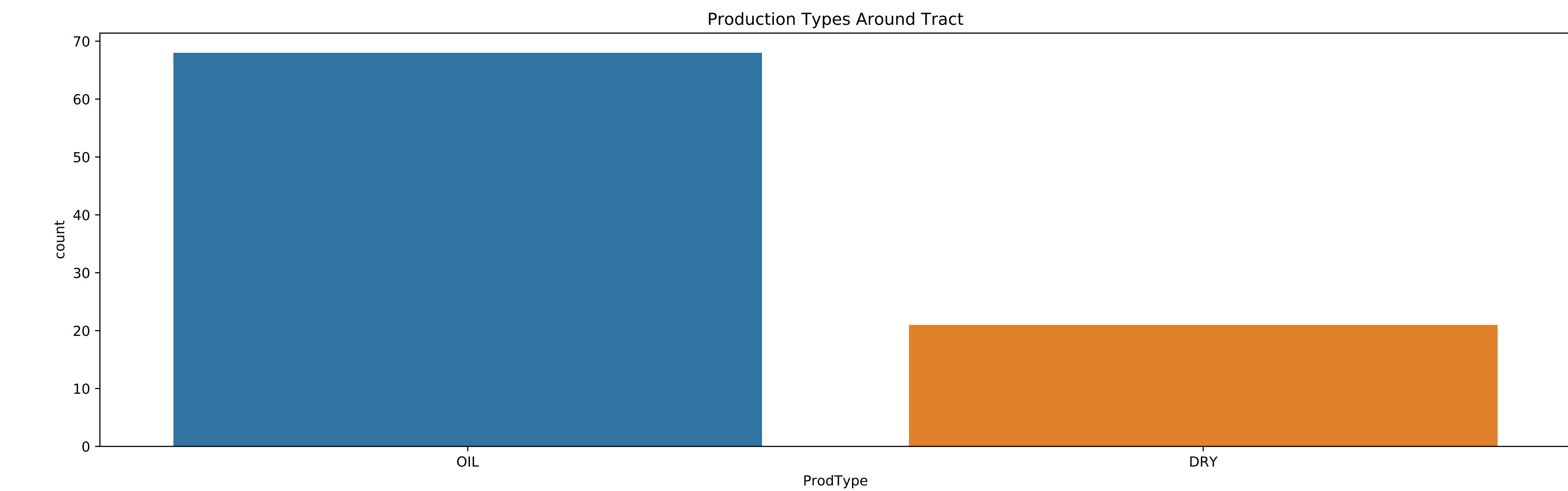
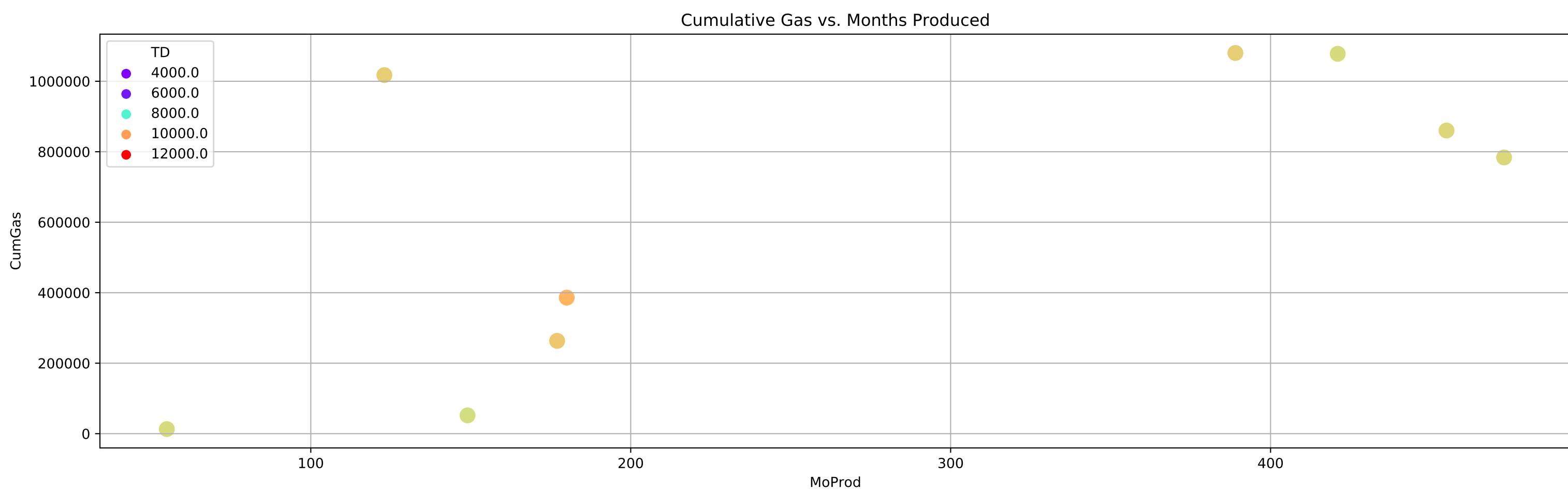
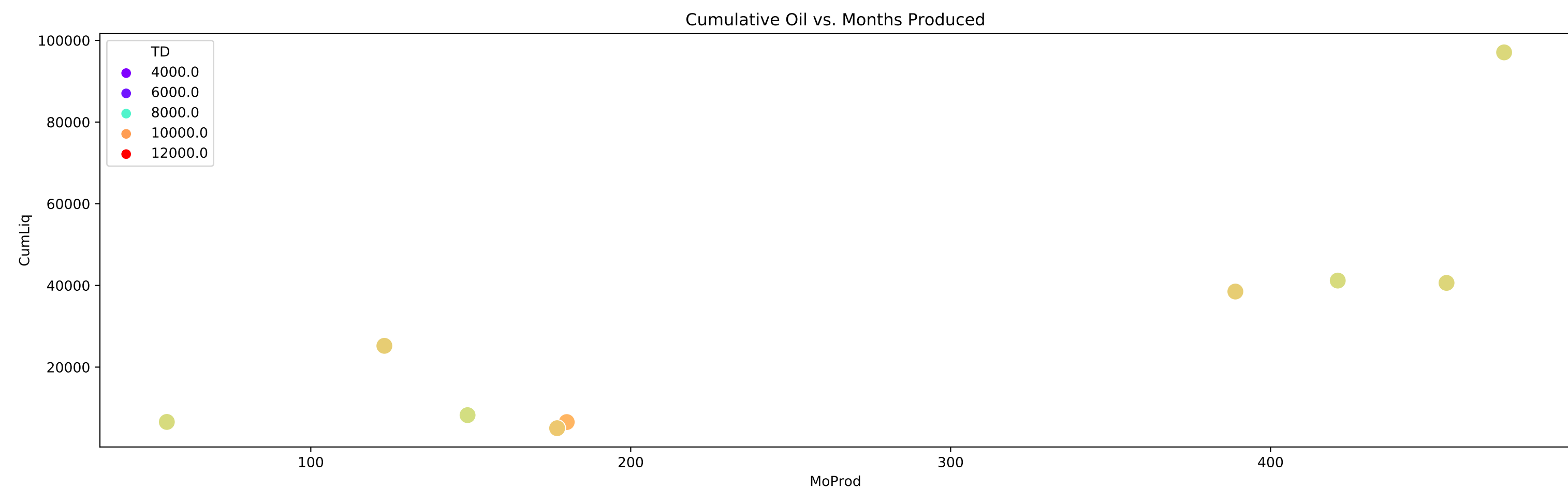
Production Dashboard for tract 47



Lease Summary for tract 47  
Total Number of Leases: 23  
Average Price \$58133/acre in 2019



# Old Production Outside of Tract 47 - 3 Mi Radius

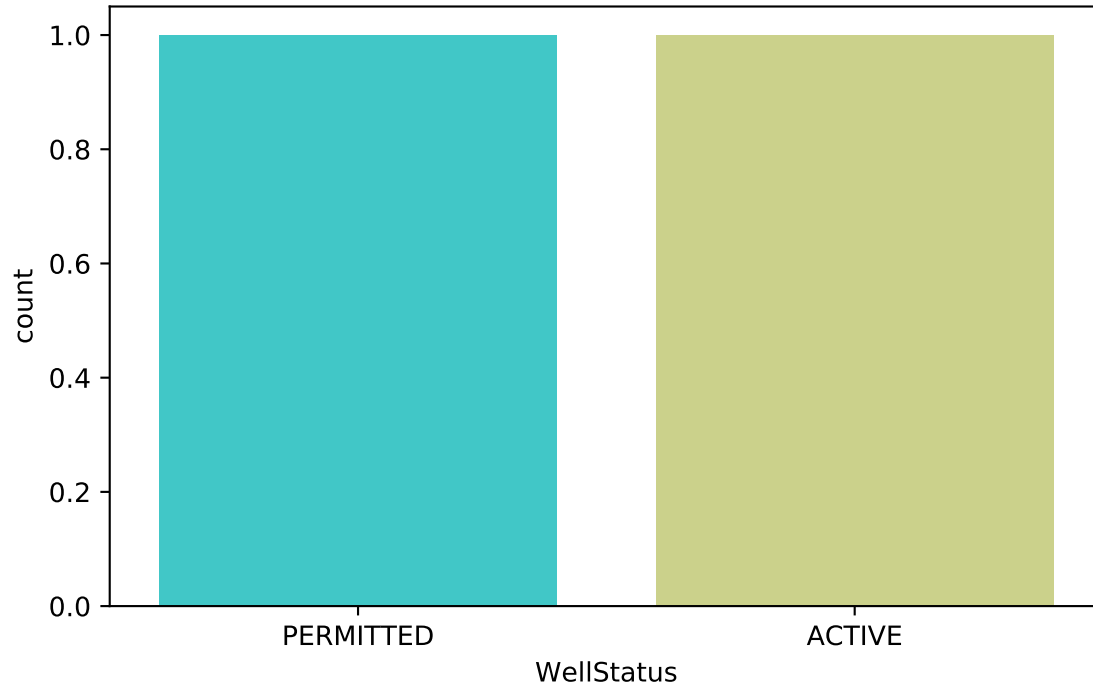




# Permit Summary for Tract 49

## Total permits: 2

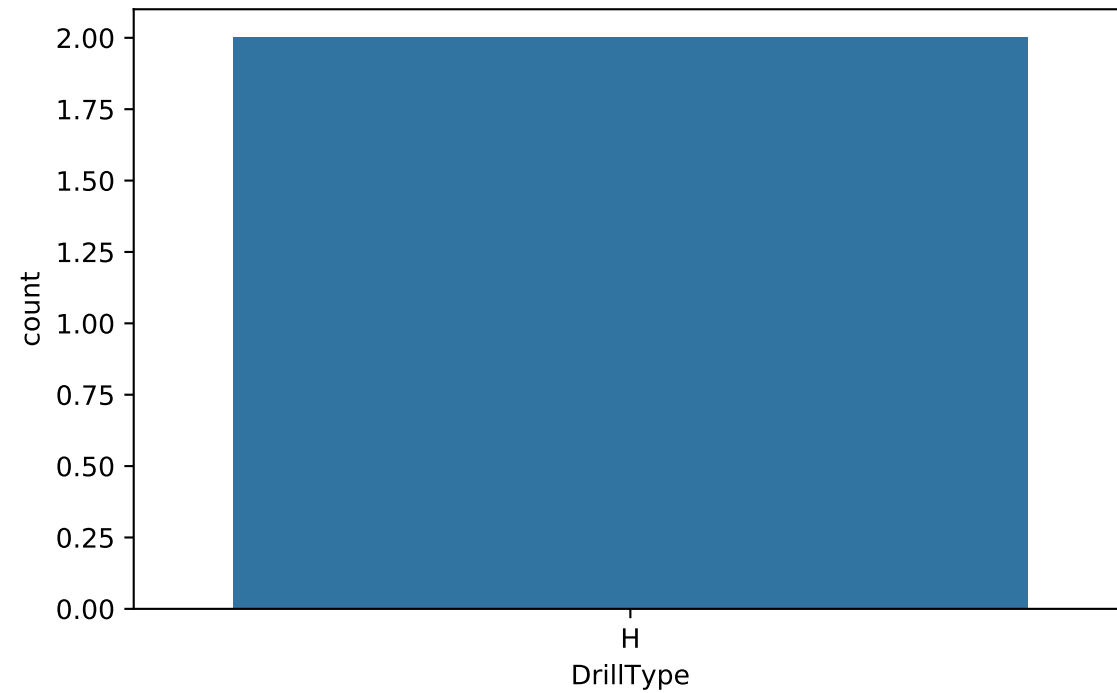
### Permits by Well Status



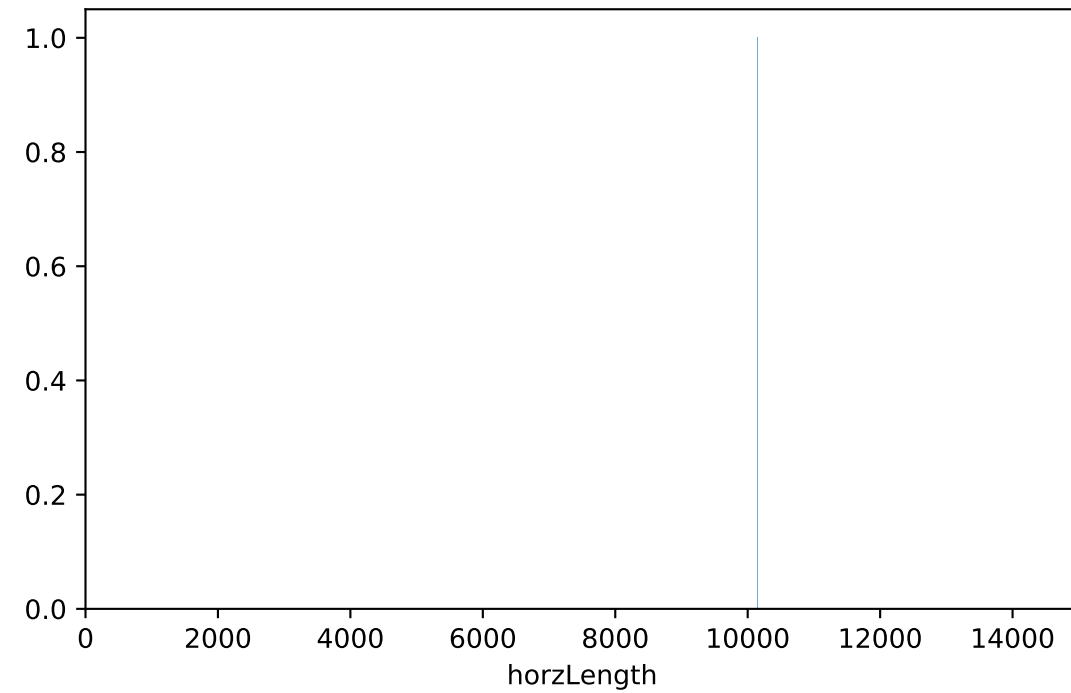
### Permits by Operator



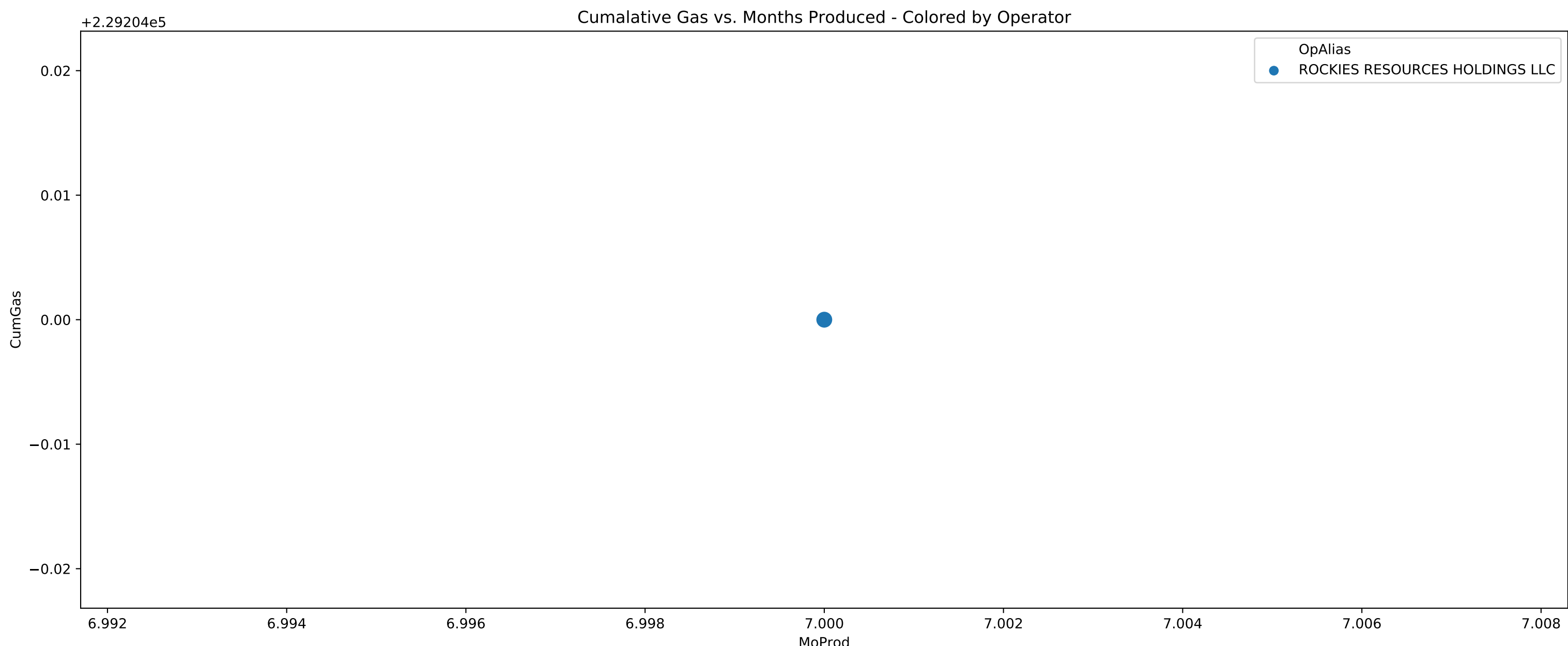
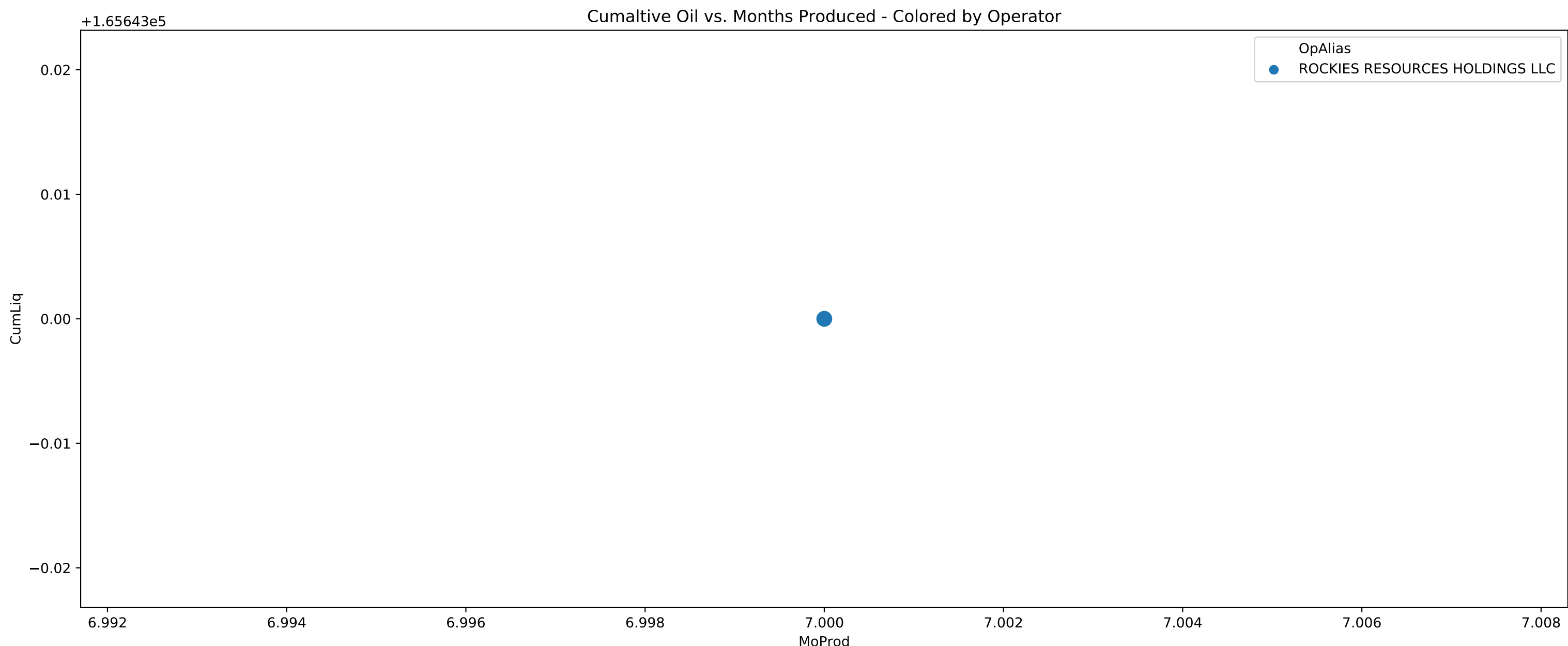
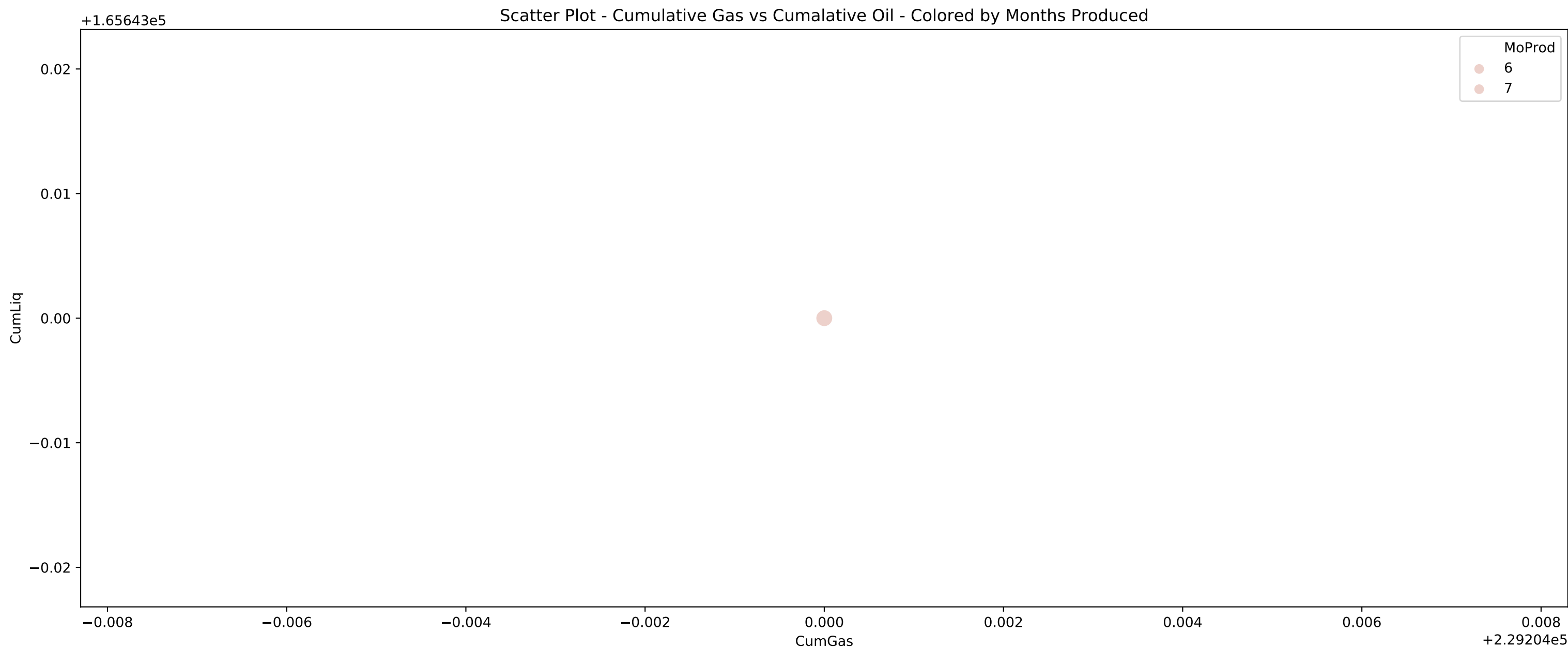
### Permits by Well Type (H,D,V)



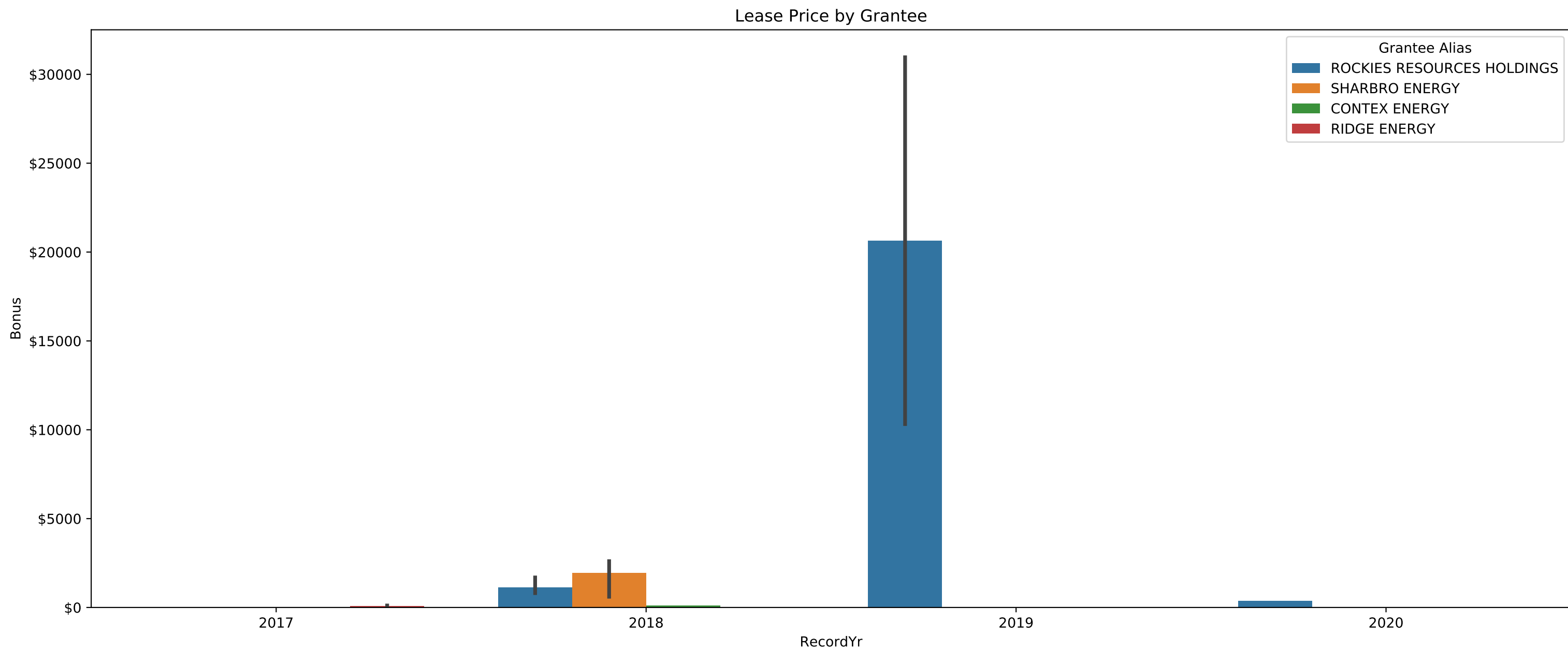
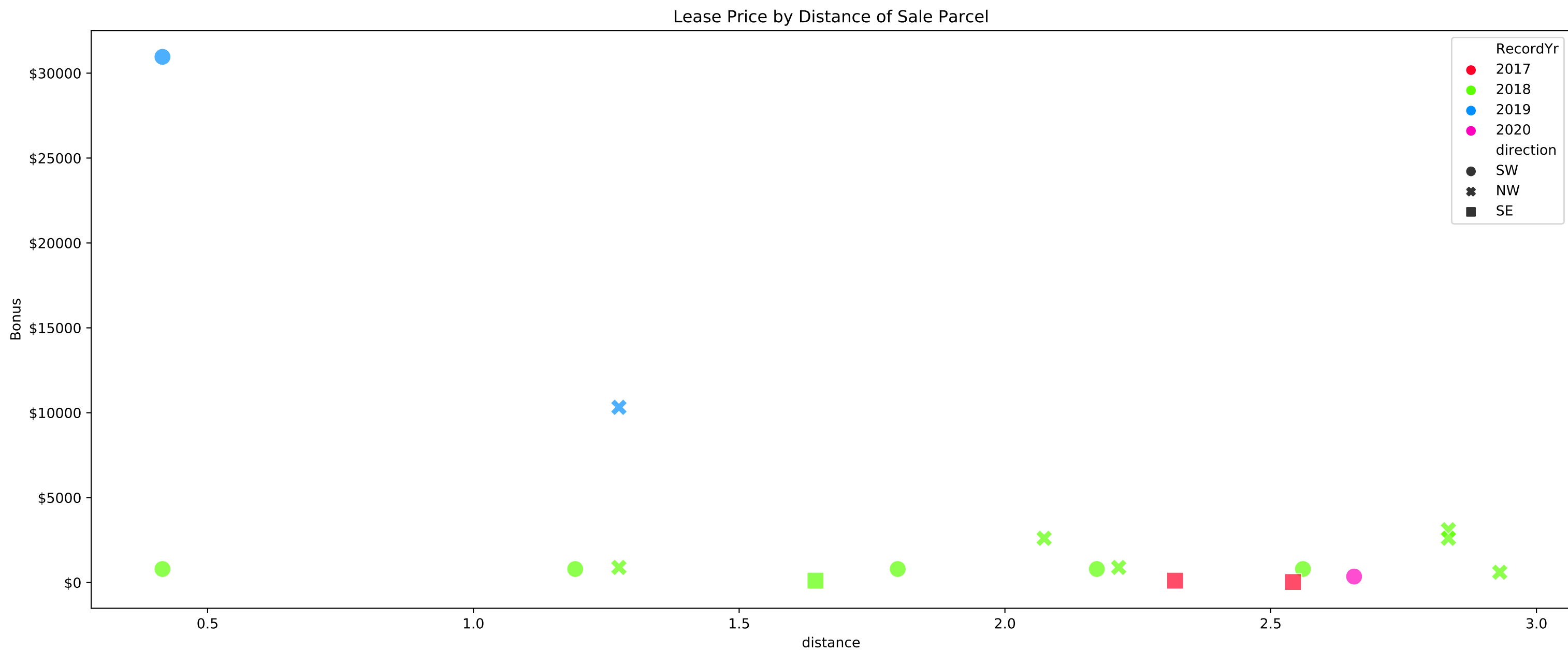
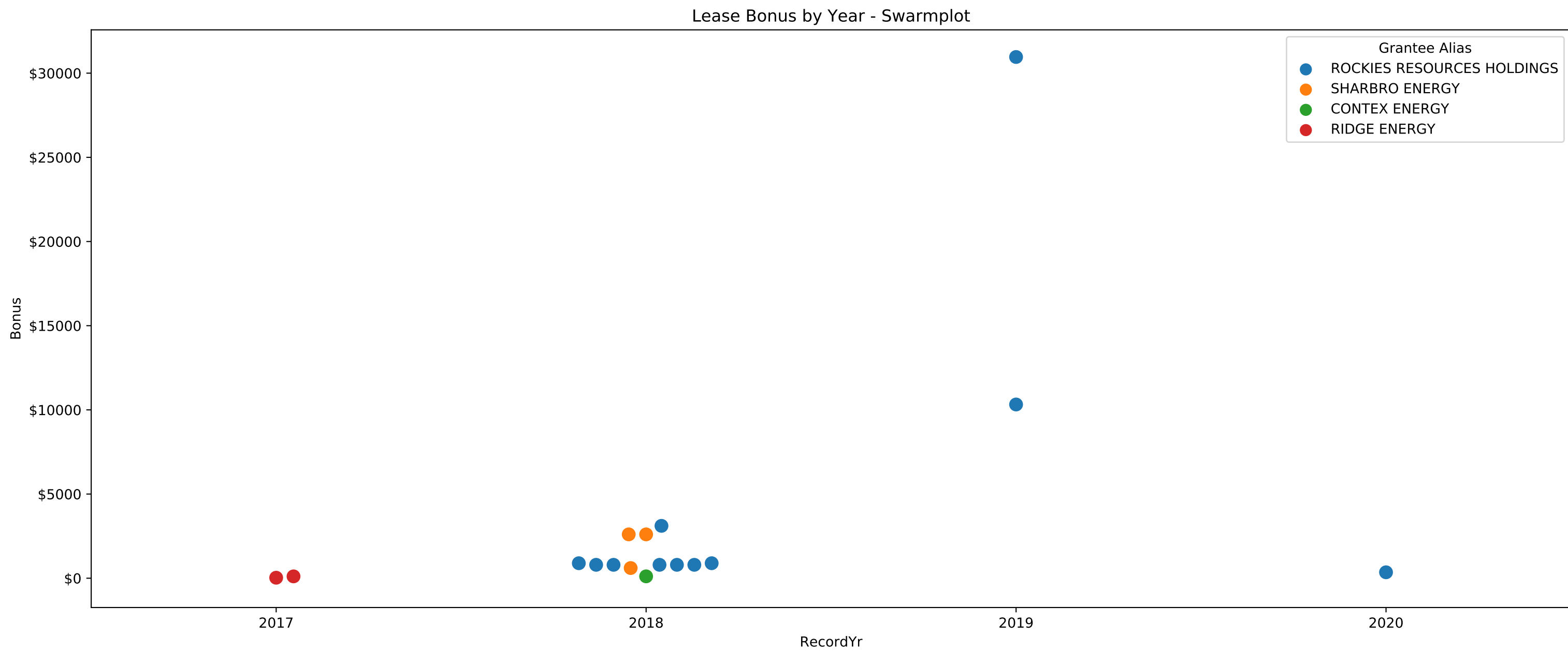
### Permit Horizontal Lengths - Binned



Production Dashboard for tract 49

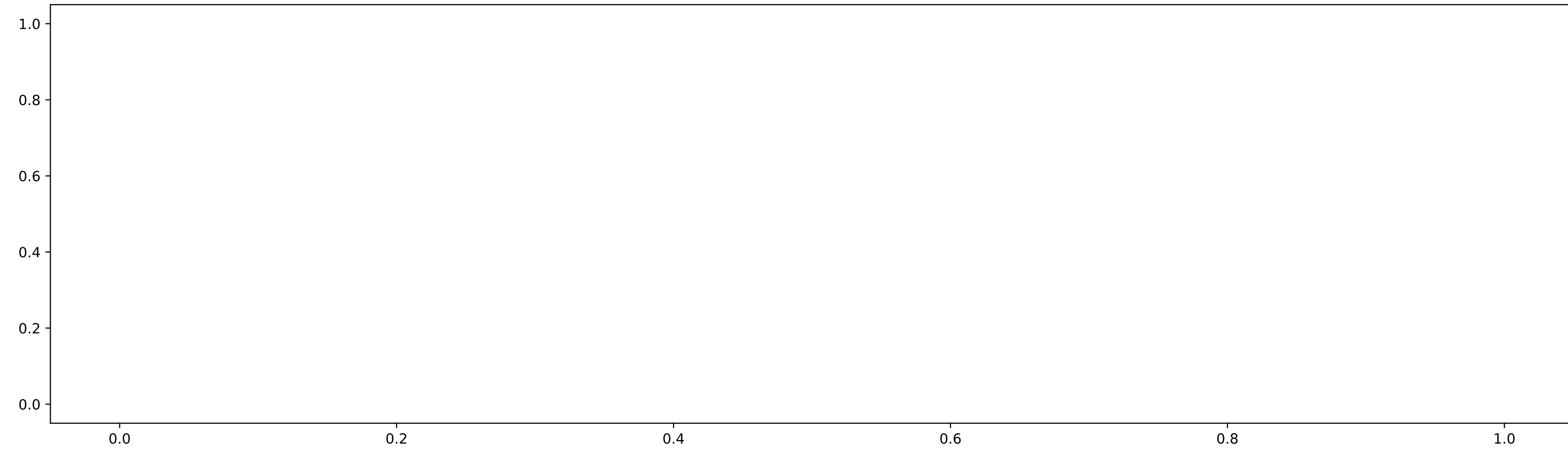


Lease Summary for tract 49  
Total Number of Leases: 17  
Average Price \$352/acre in 2020

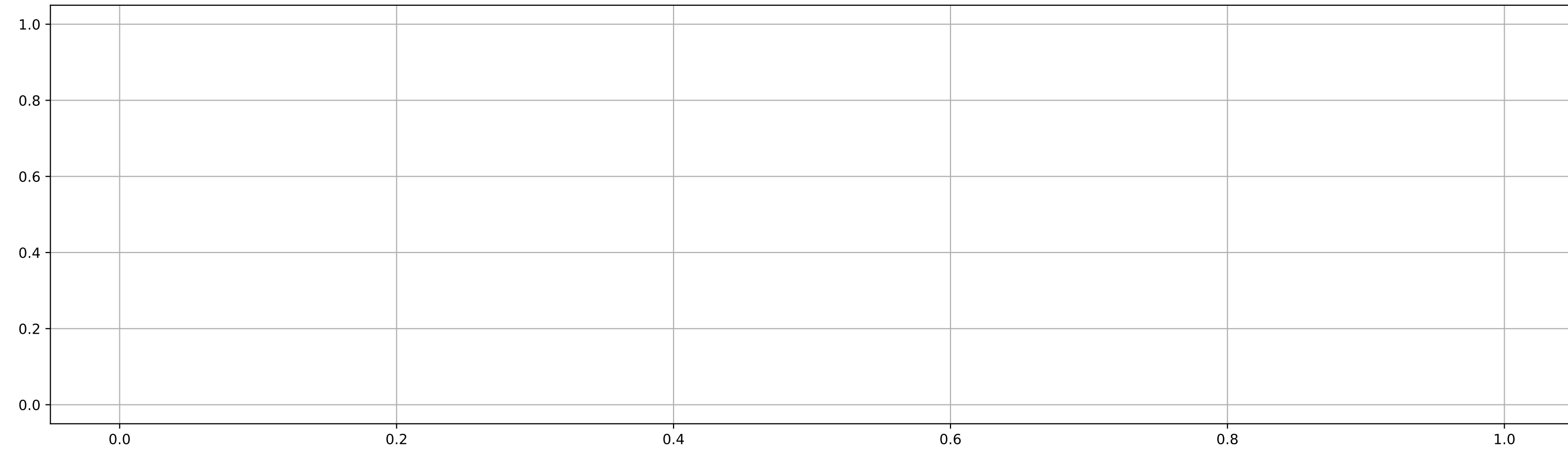


# Old Production Outside of Tract 49 - 3 Mi Radius

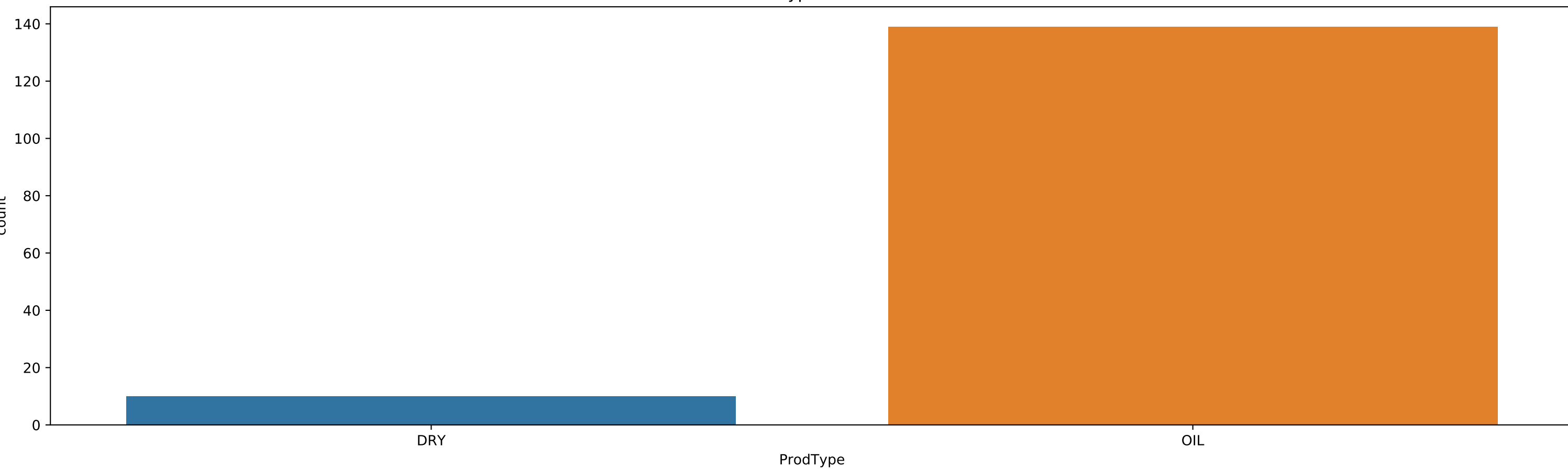
Cumulative Oil vs. Months Produced



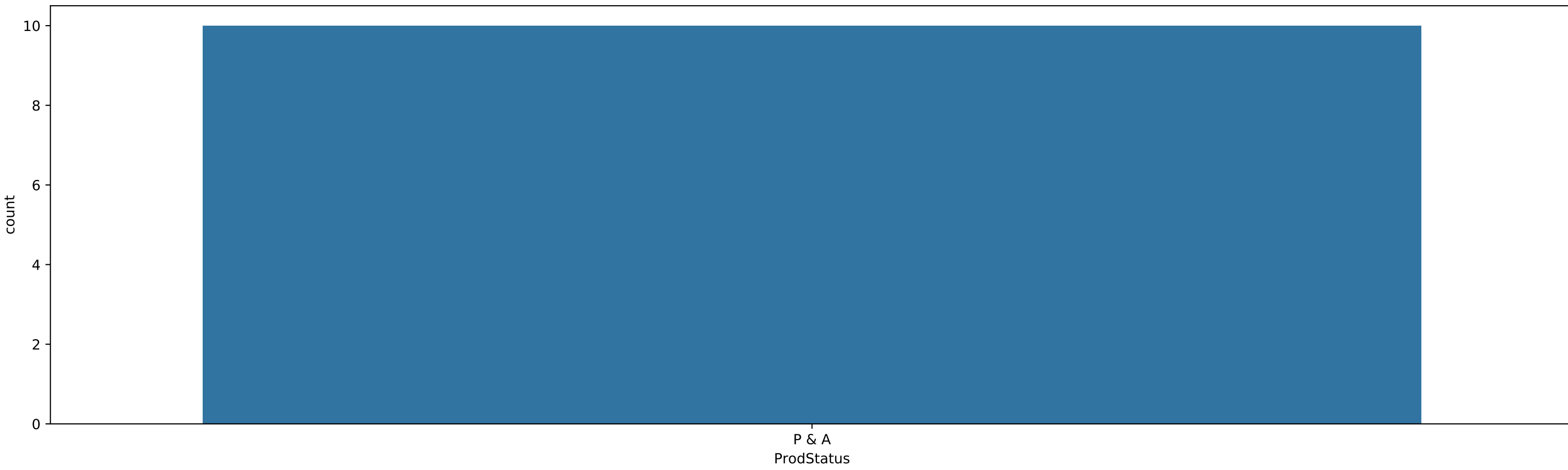
Cumulative Gas vs. Months Produced



Production Types Around Tract



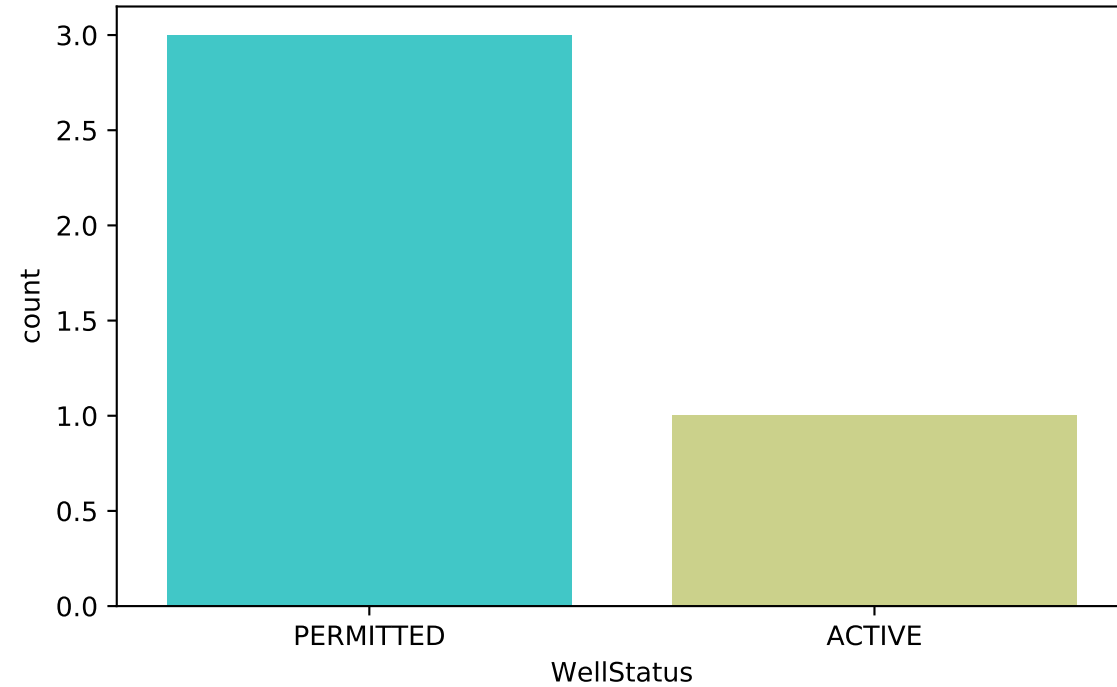
Status of Wells



# Permit Summary for Tract 50

Total permits: 4

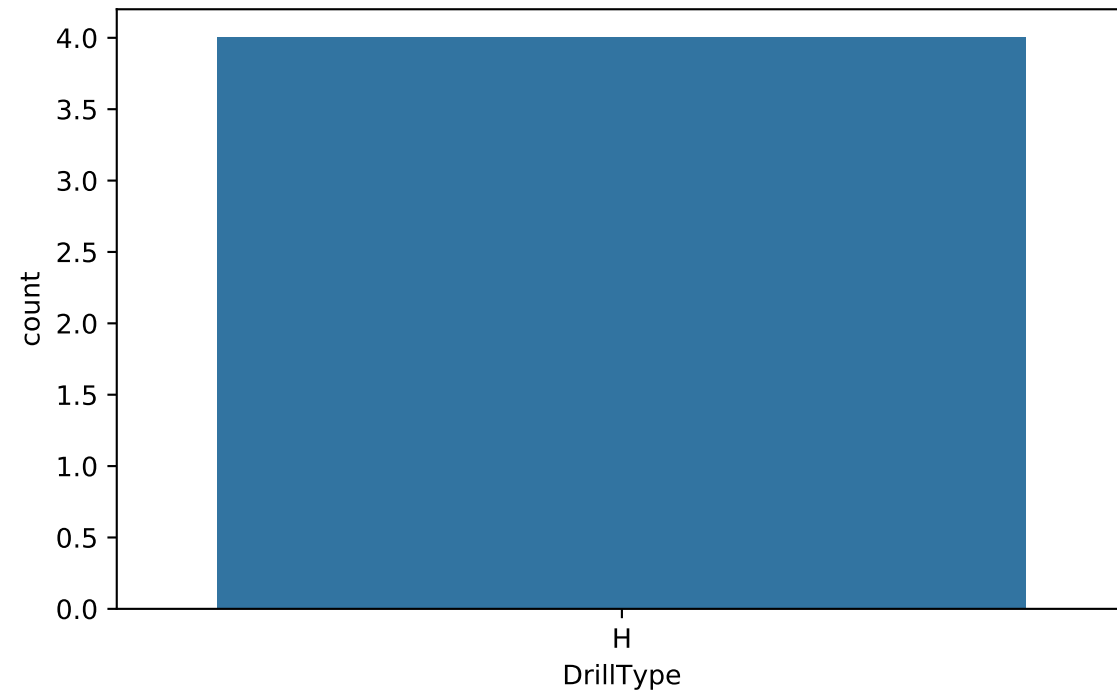
## Permits by Well Status



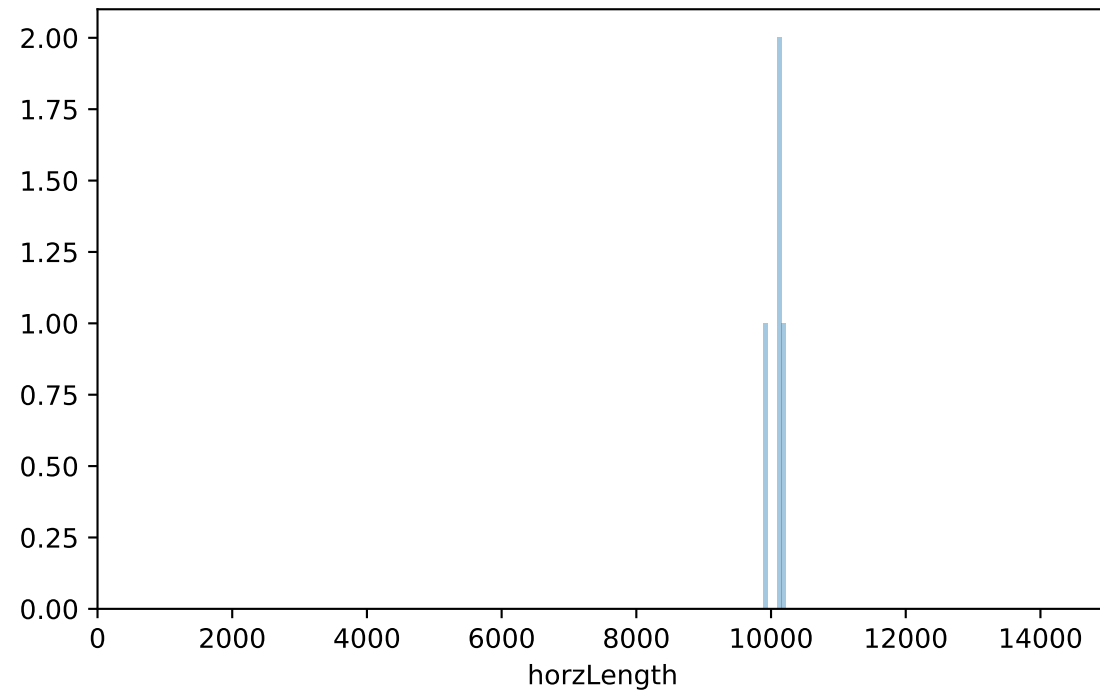
## Permits by Operator



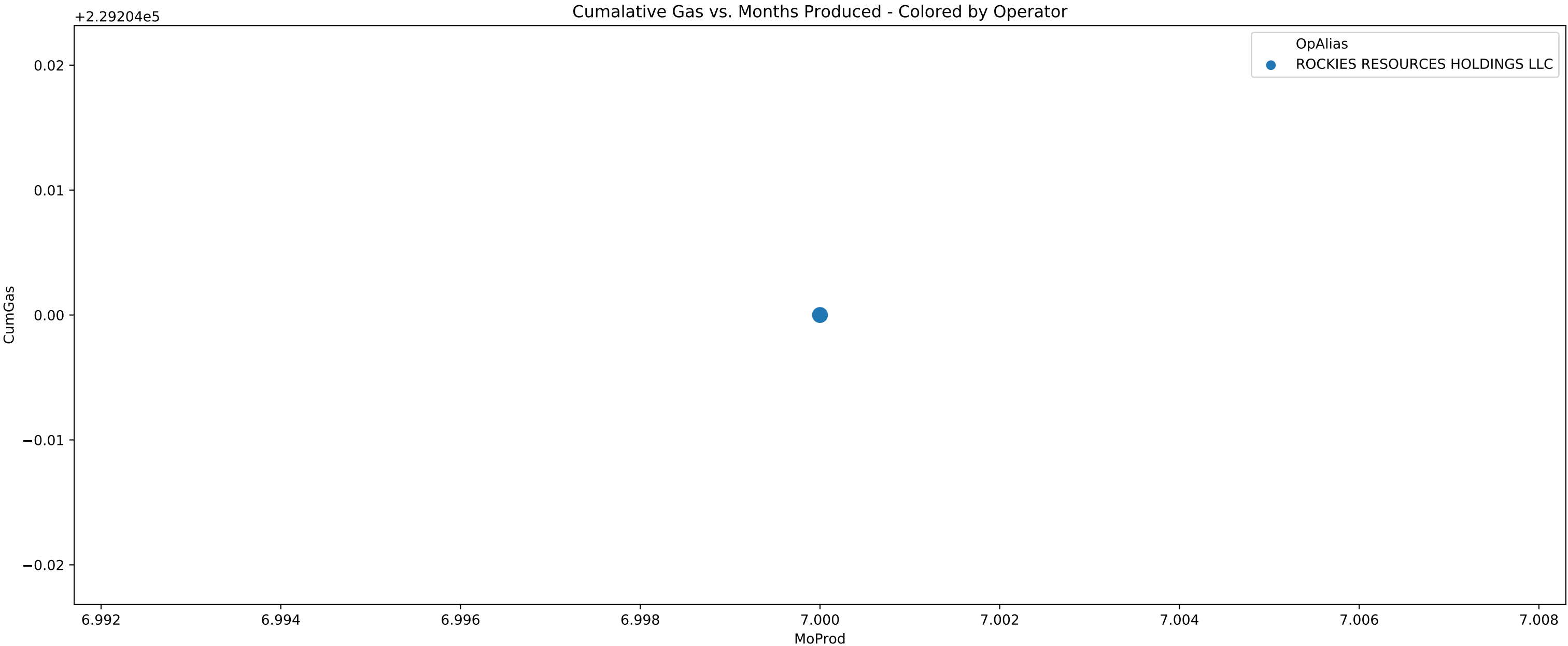
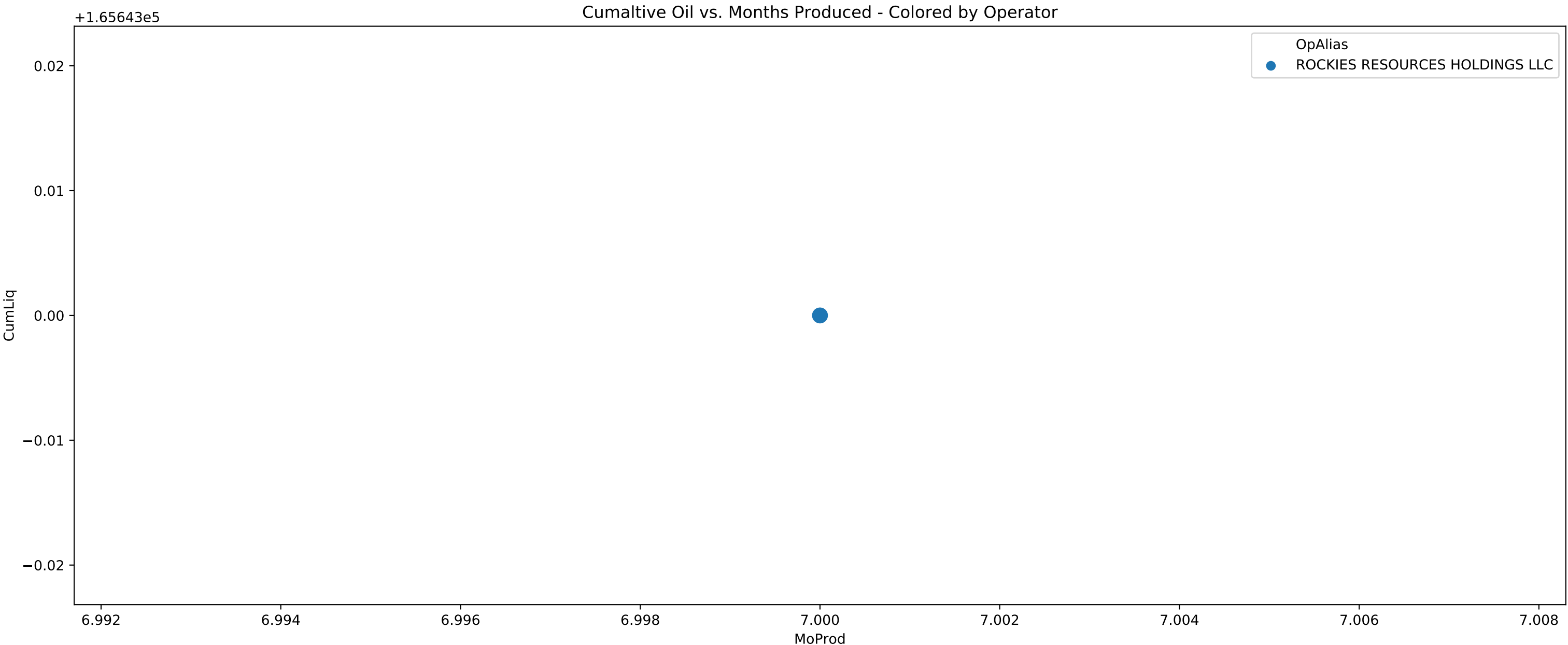
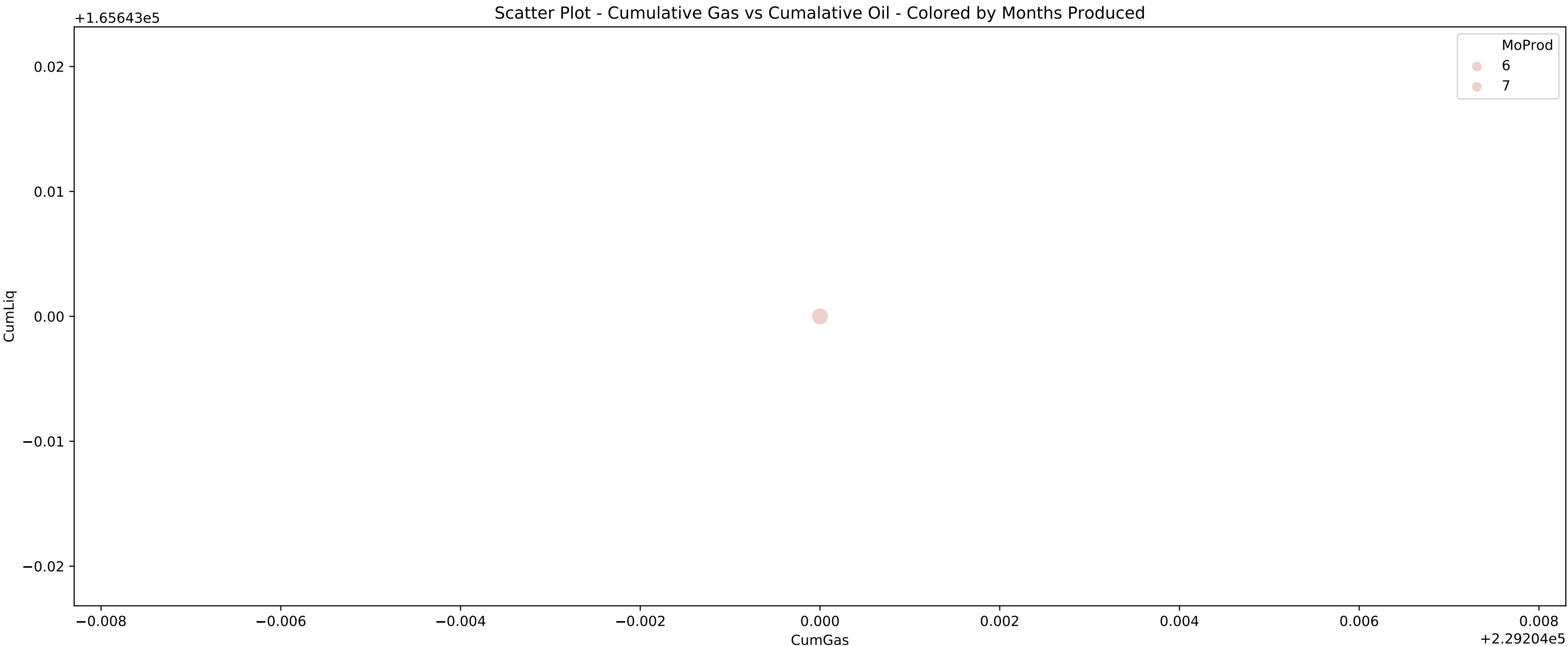
## Permits by Well Type (H,D,V)



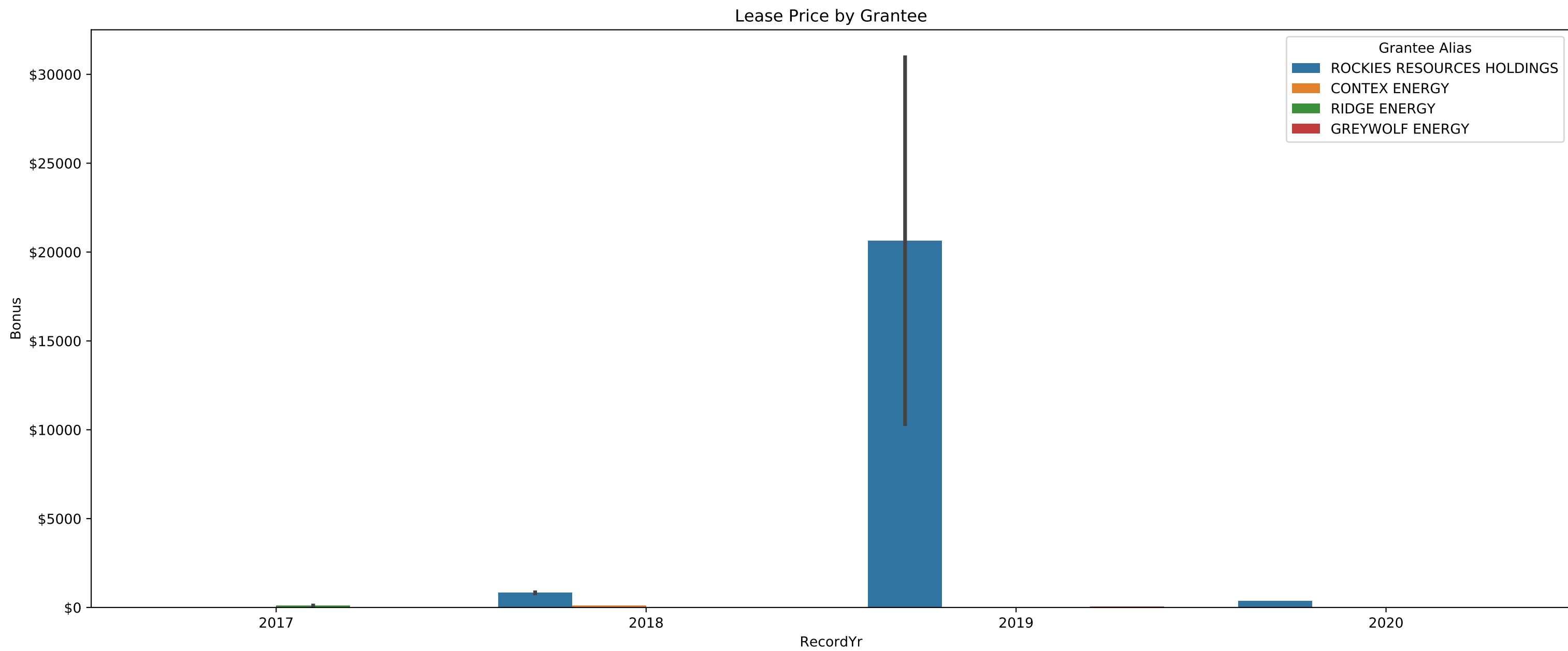
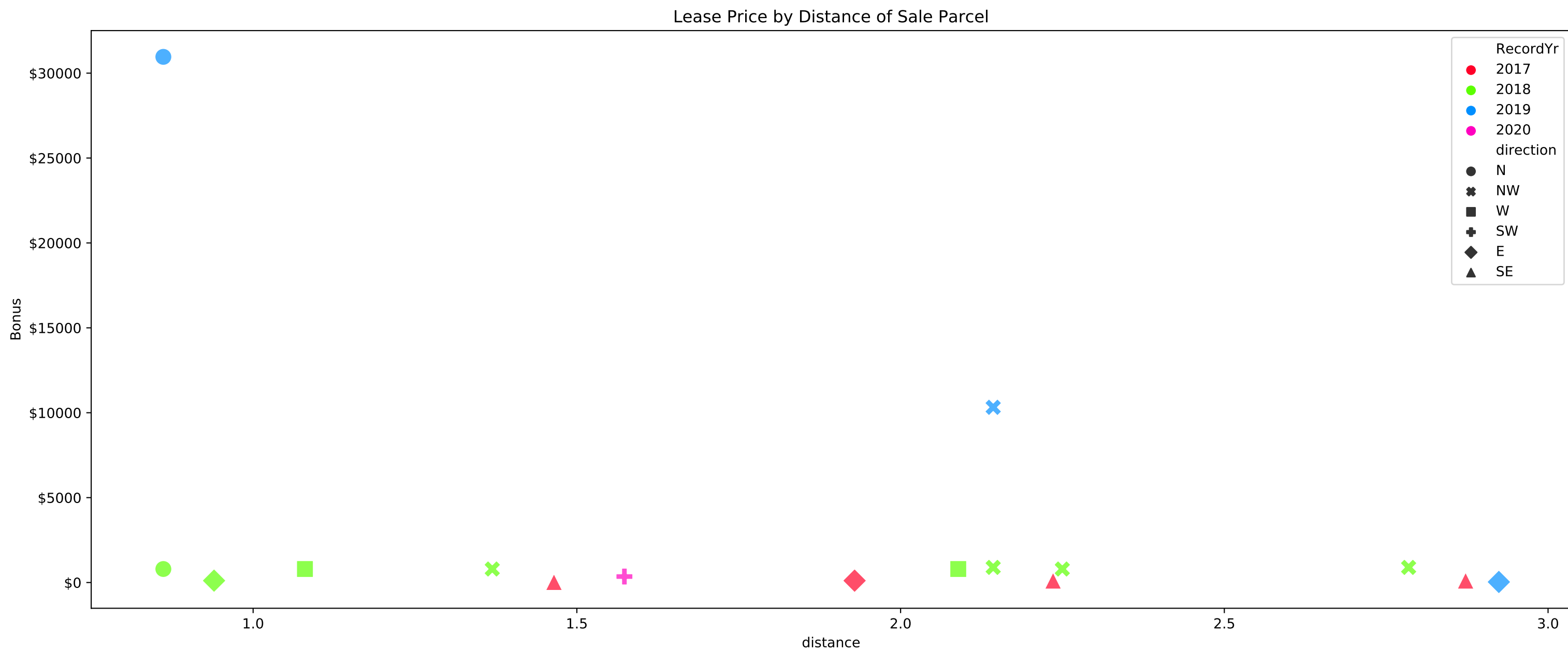
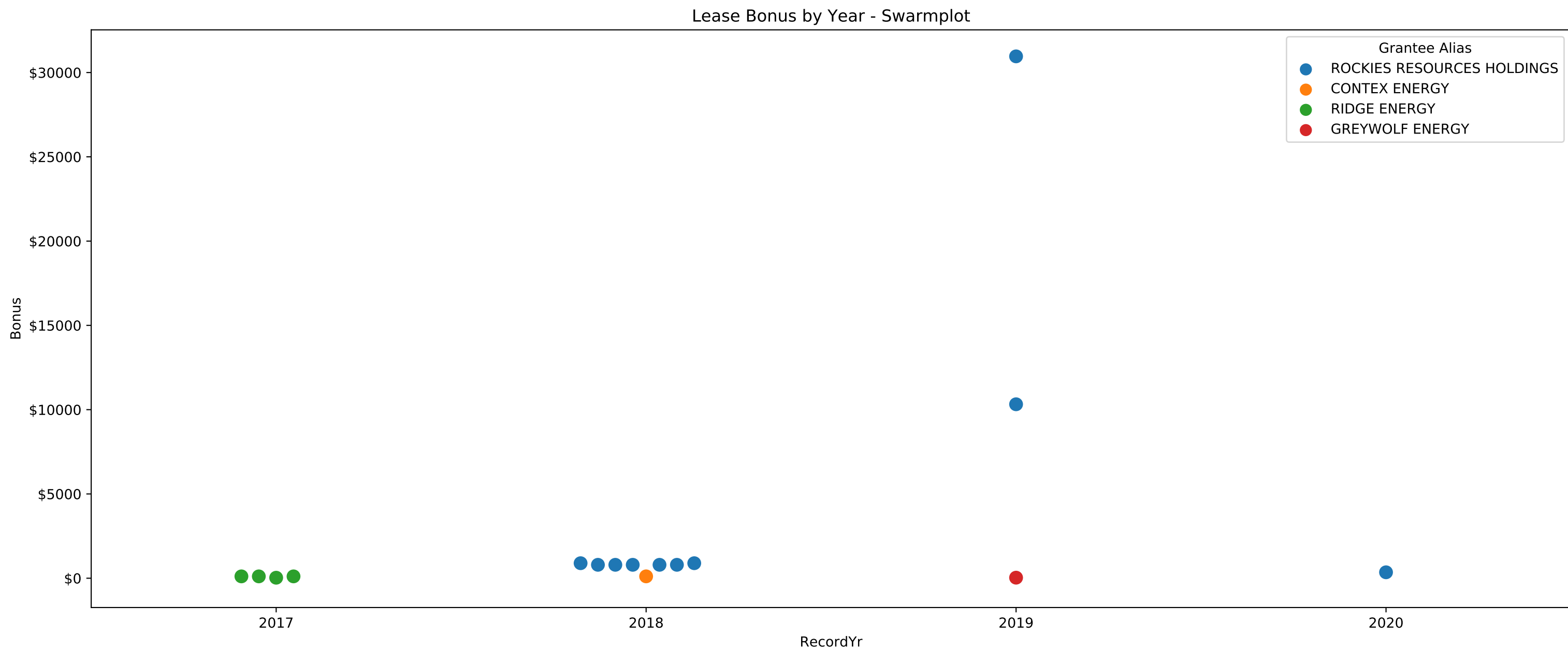
## Permit Horizontal Lengths - Binned



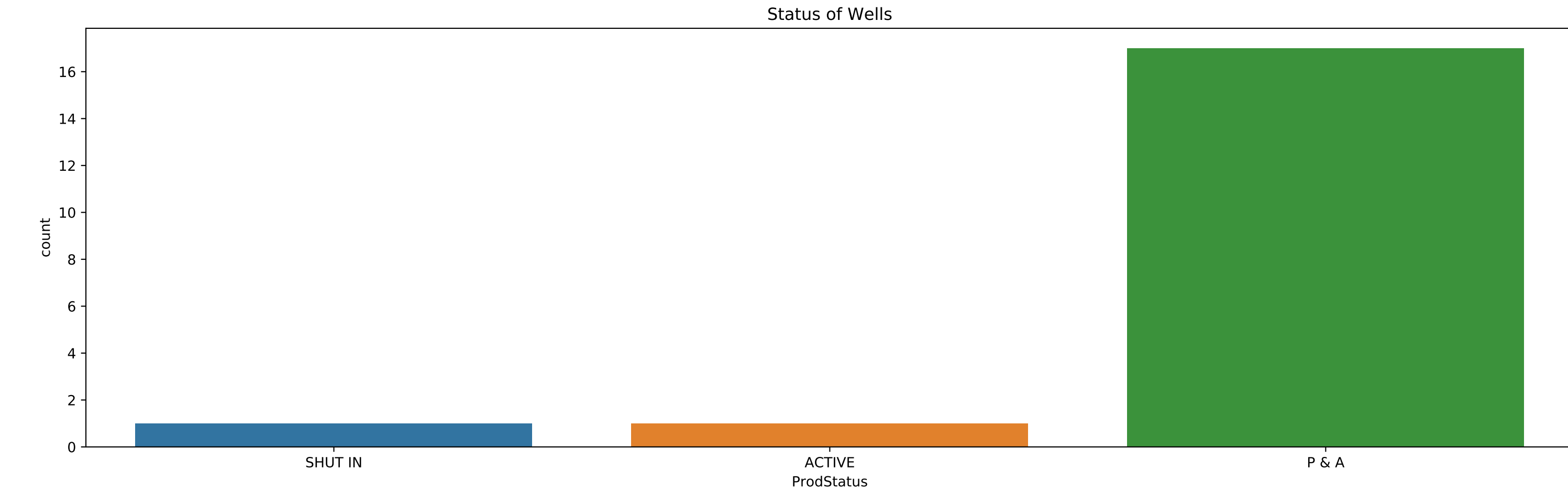
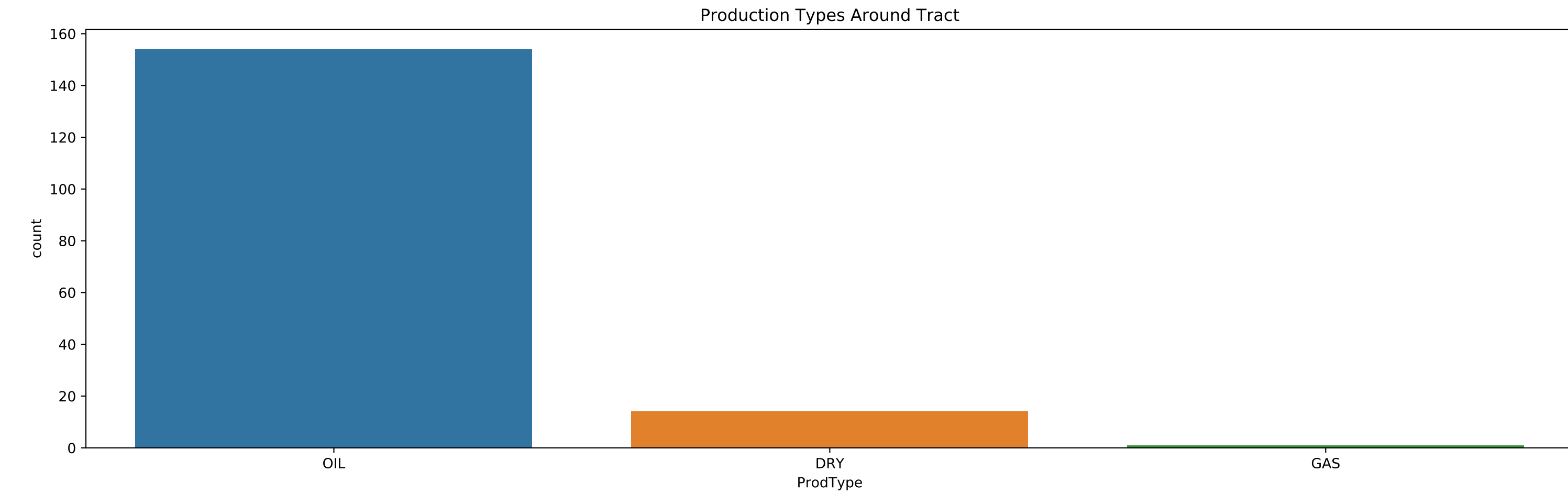
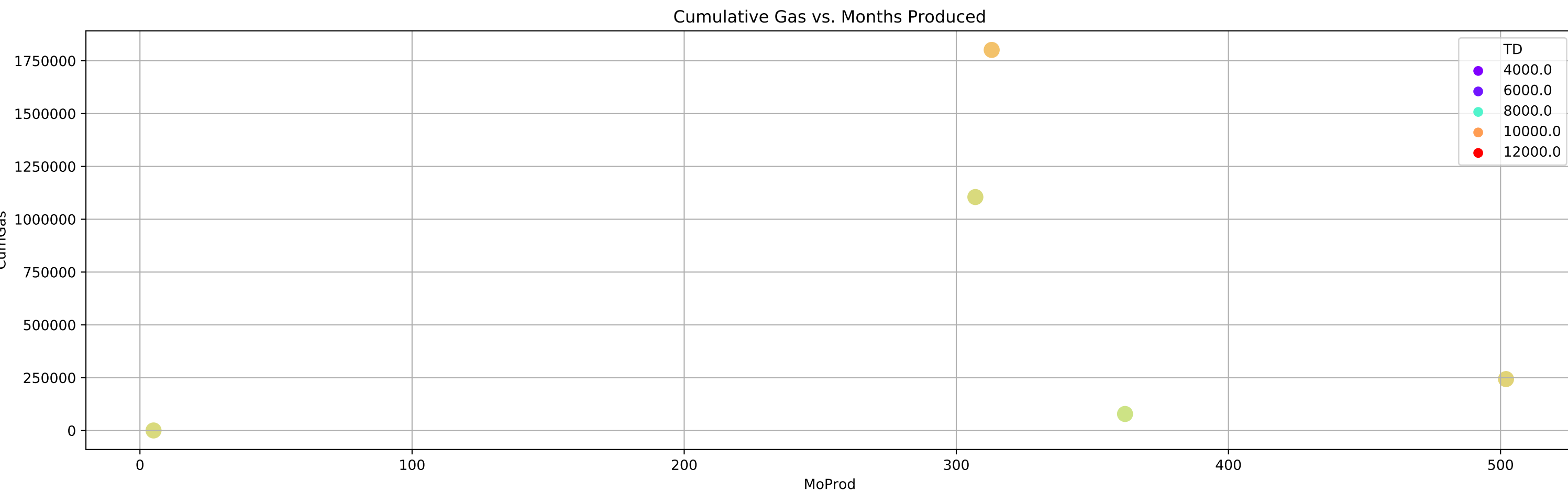
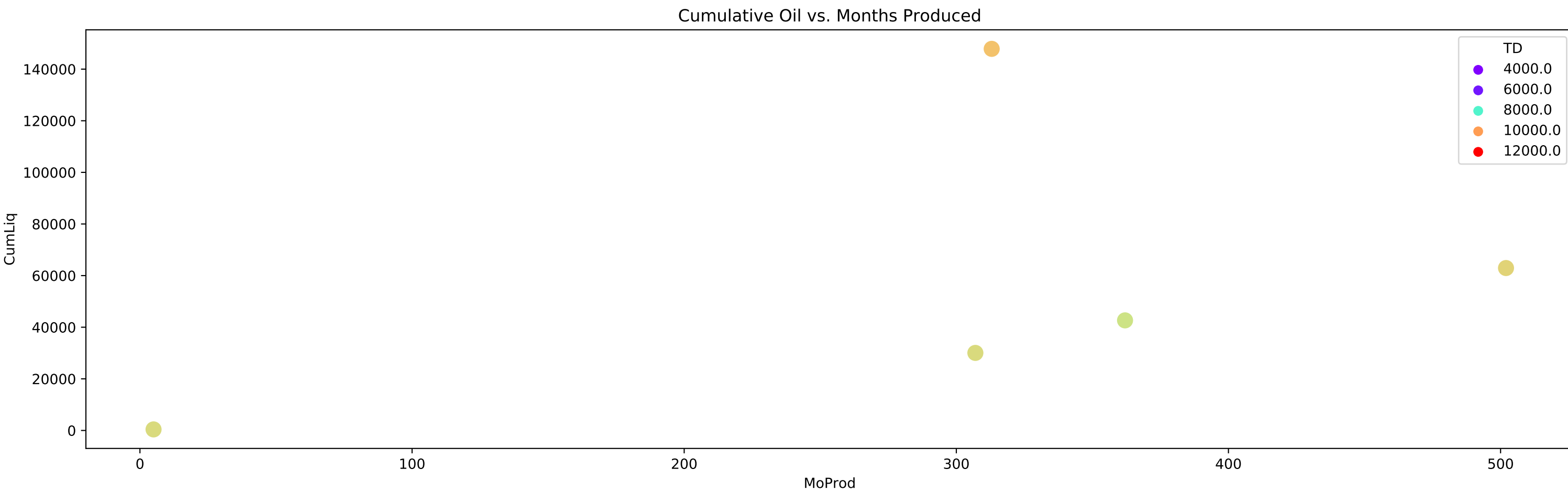
Production Dashboard for tract 50



Lease Summary for tract 50  
Total Number of Leases: 16  
Average Price \$352/acre in 2020



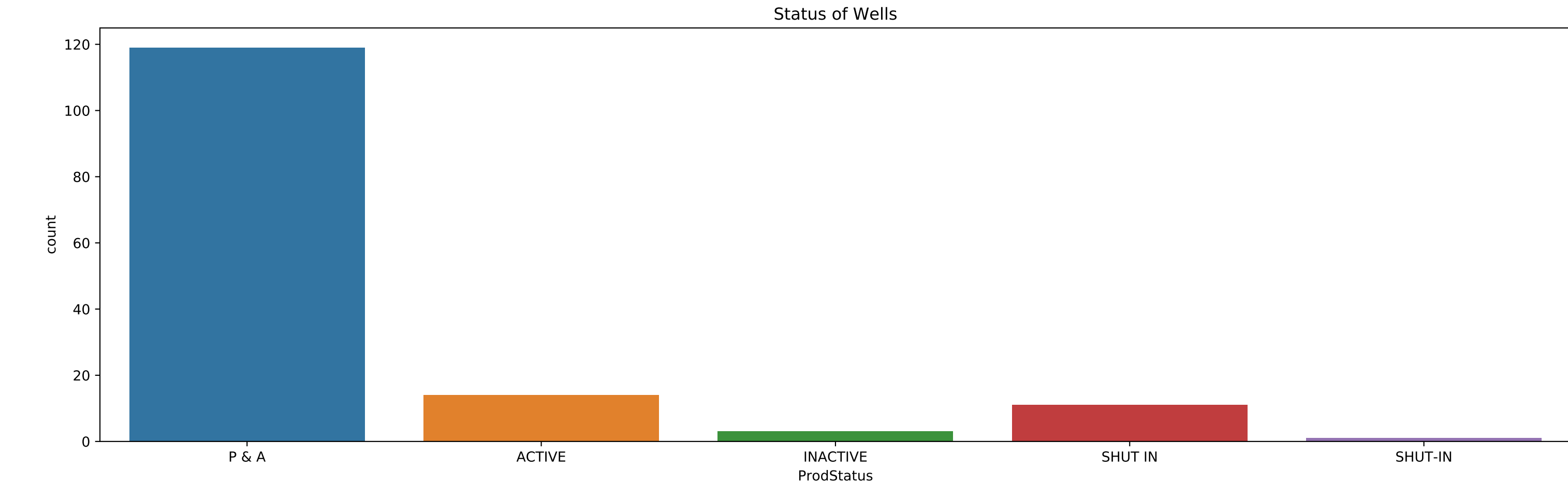
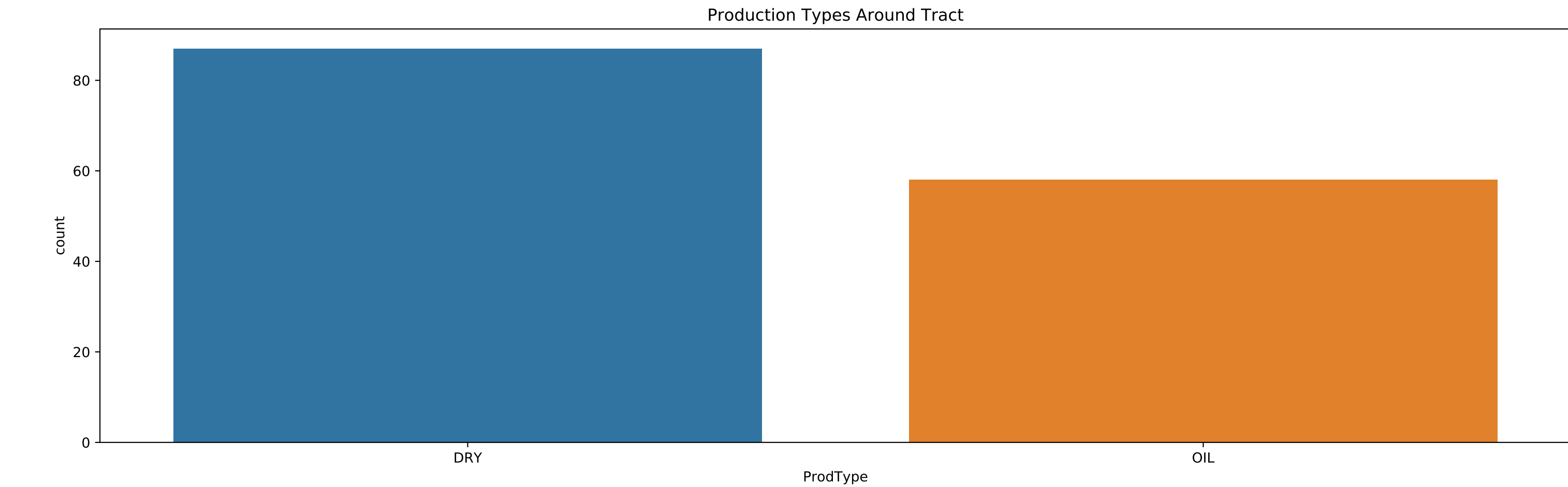
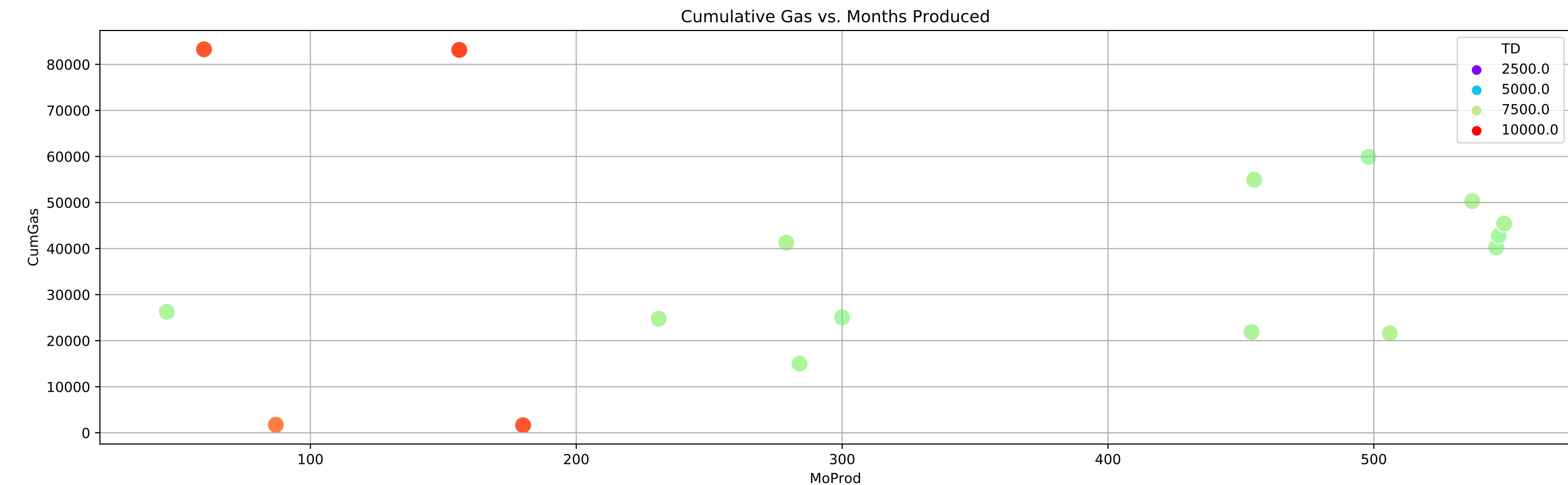
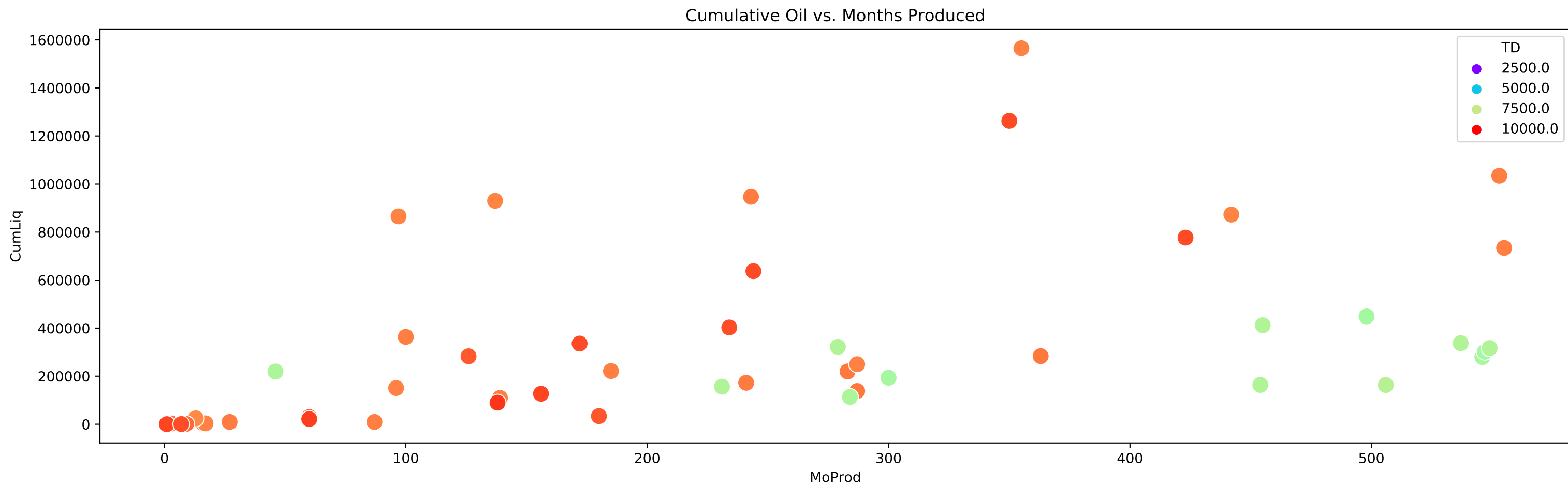
# Old Production Outside of Tract 50 - 3 Mi Radius







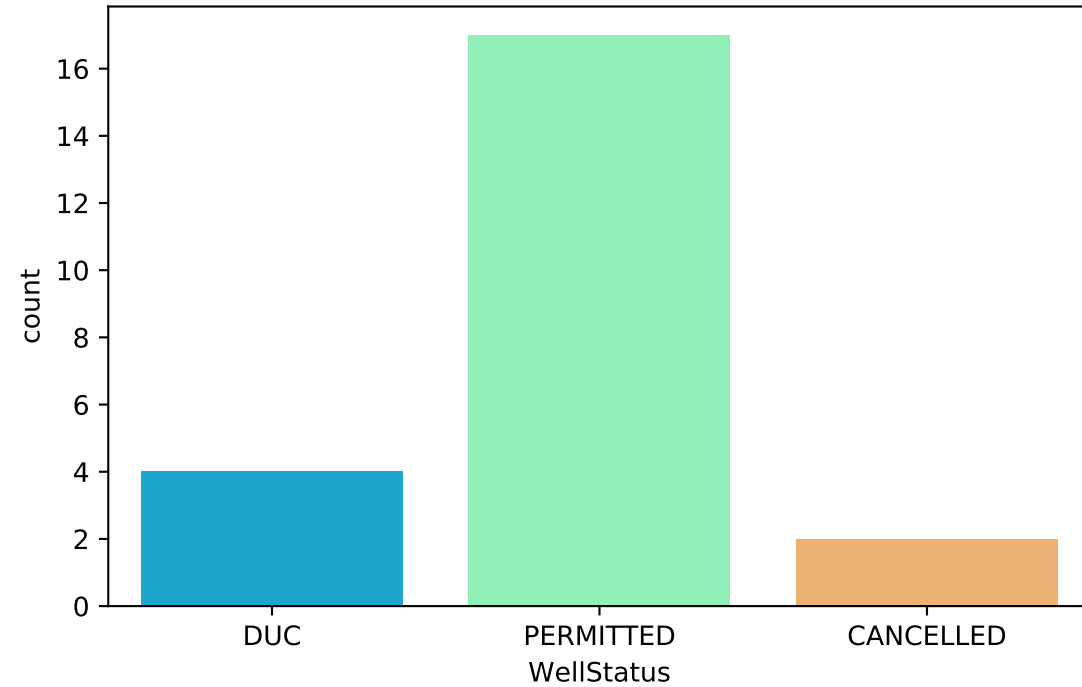
# Old Production Outside of Tract 52 - 3 Mi Radius



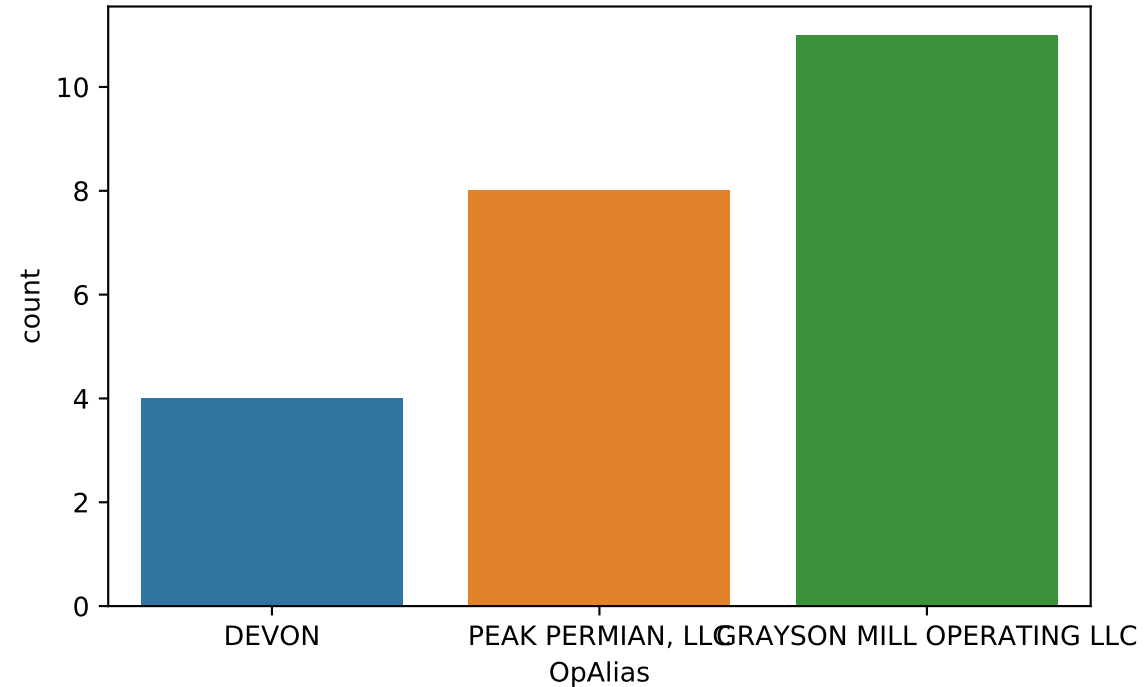
# Permit Summary for Tract 7

Total permits: 23

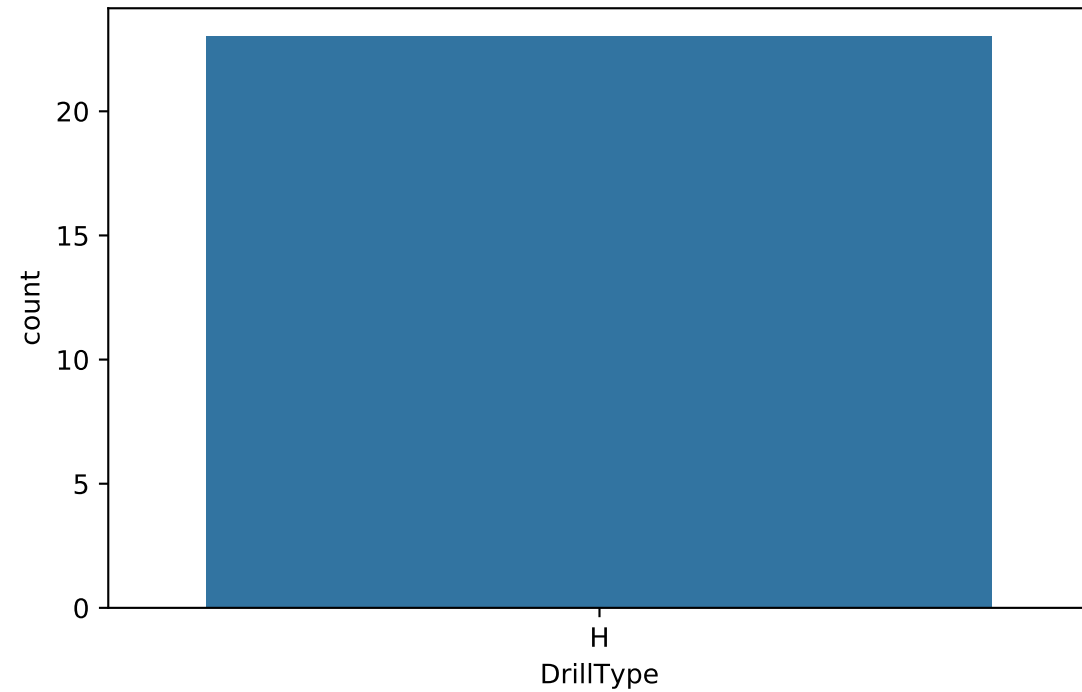
## Permits by Well Status



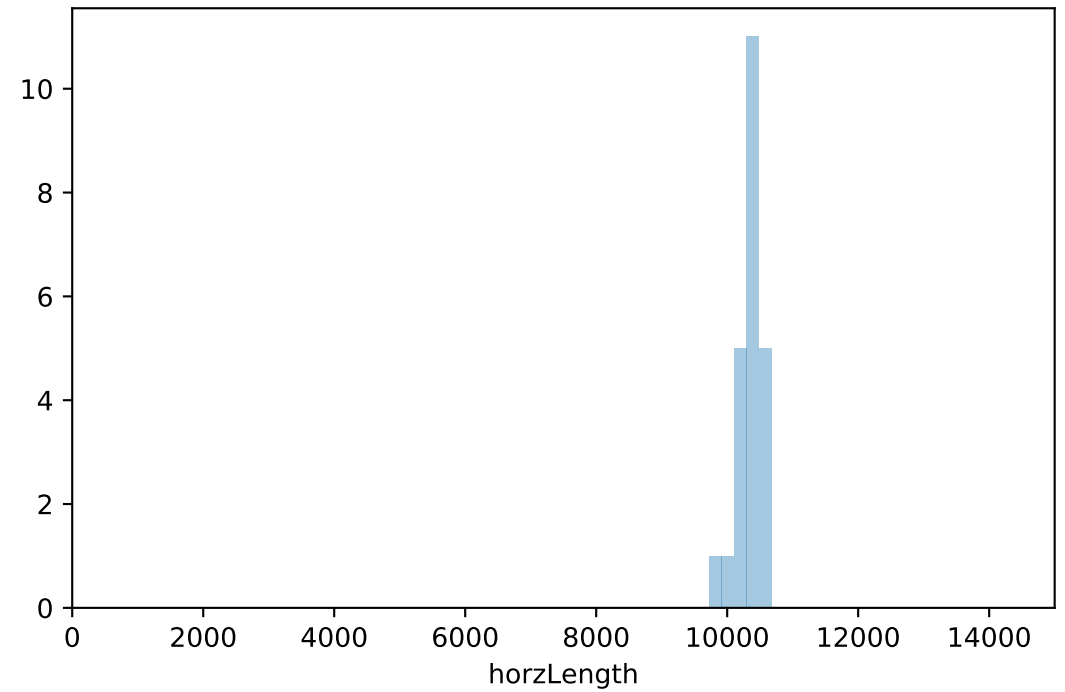
## Permits by Operator



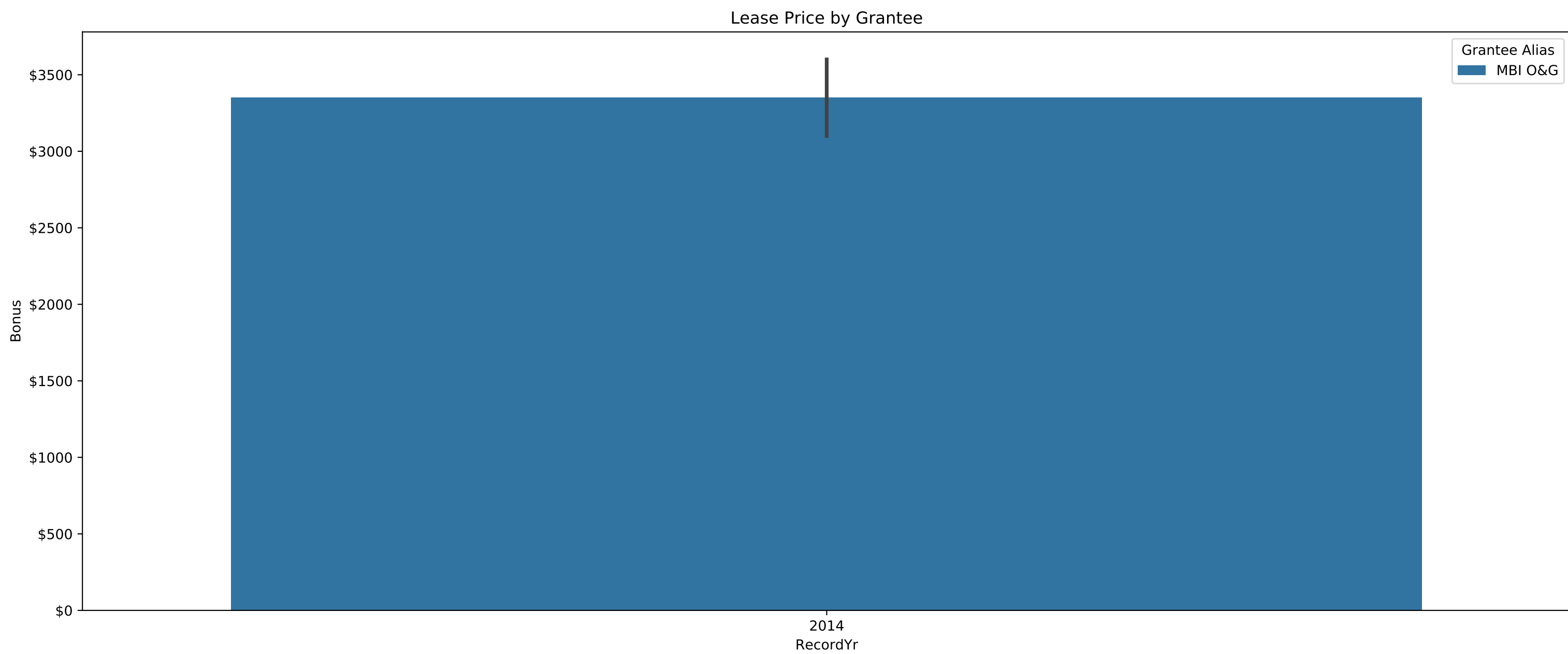
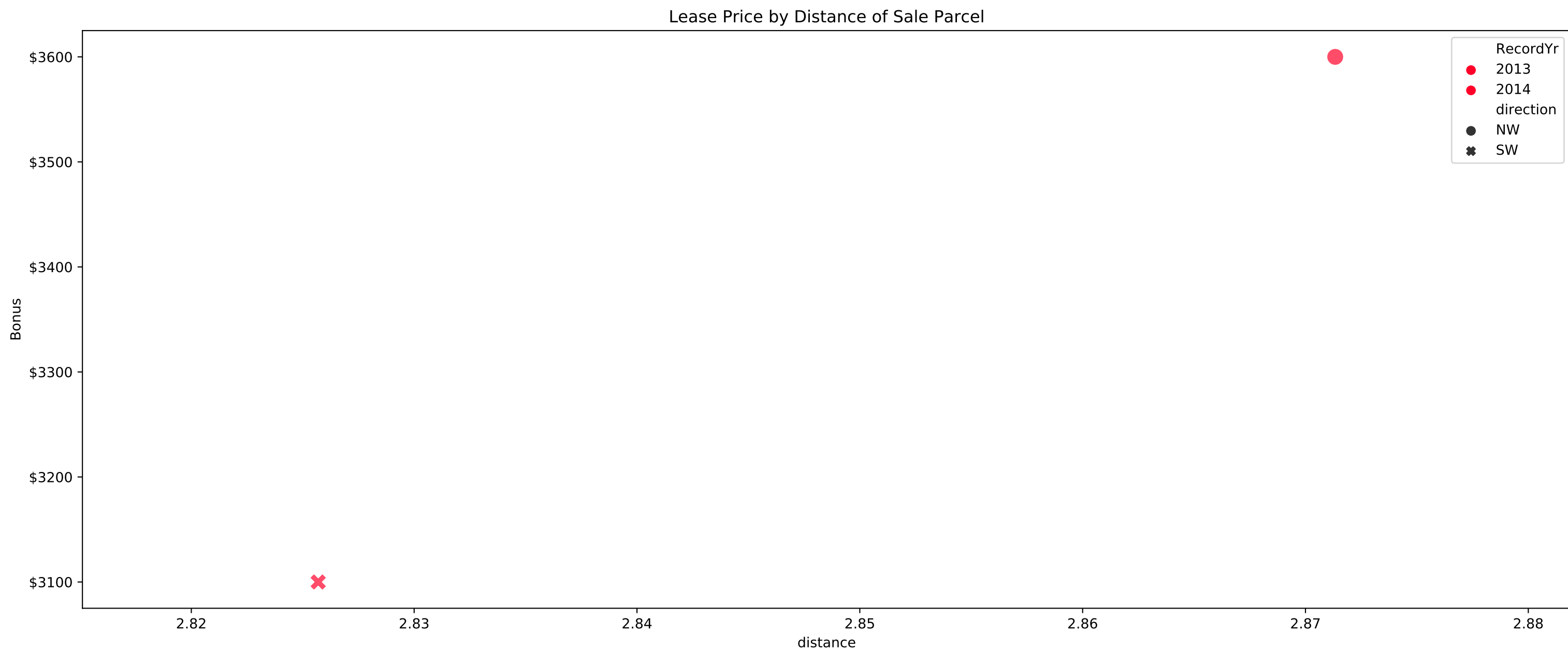
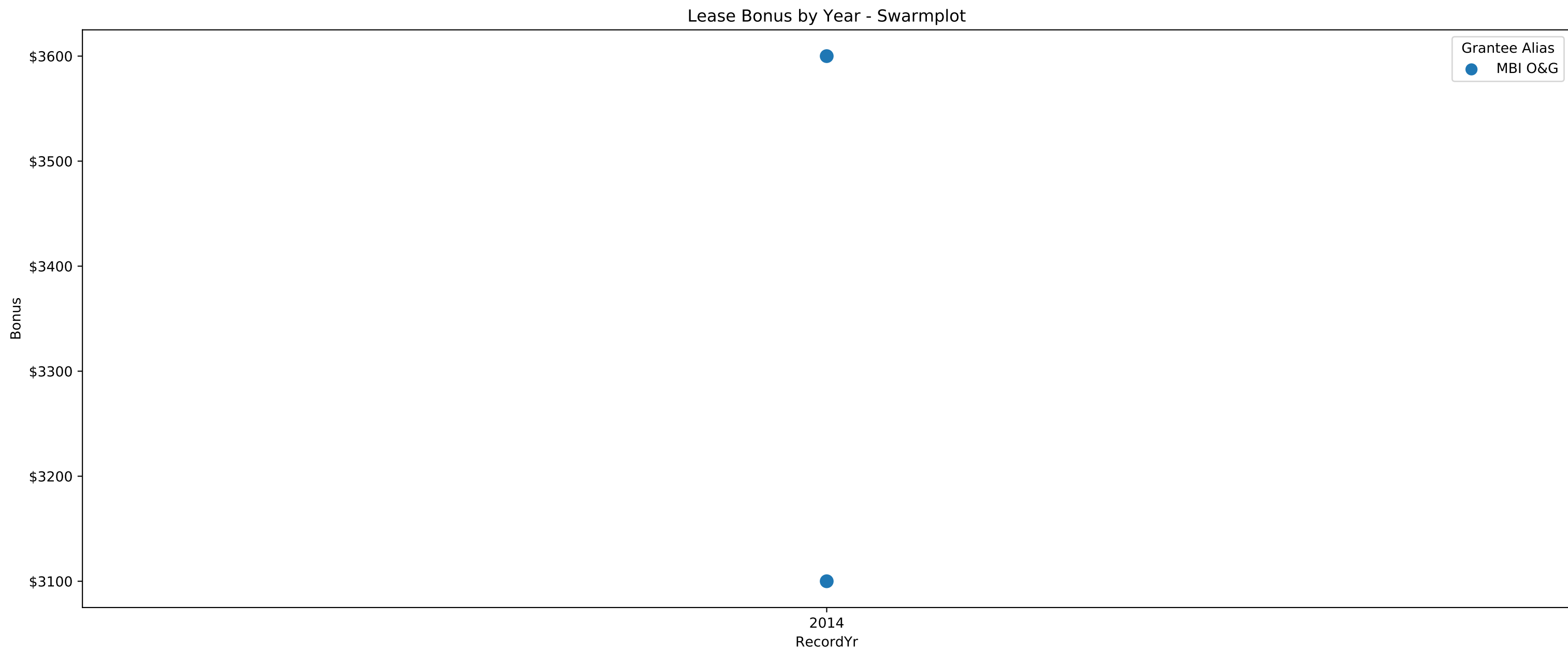
## Permits by Well Type (H,D,V)



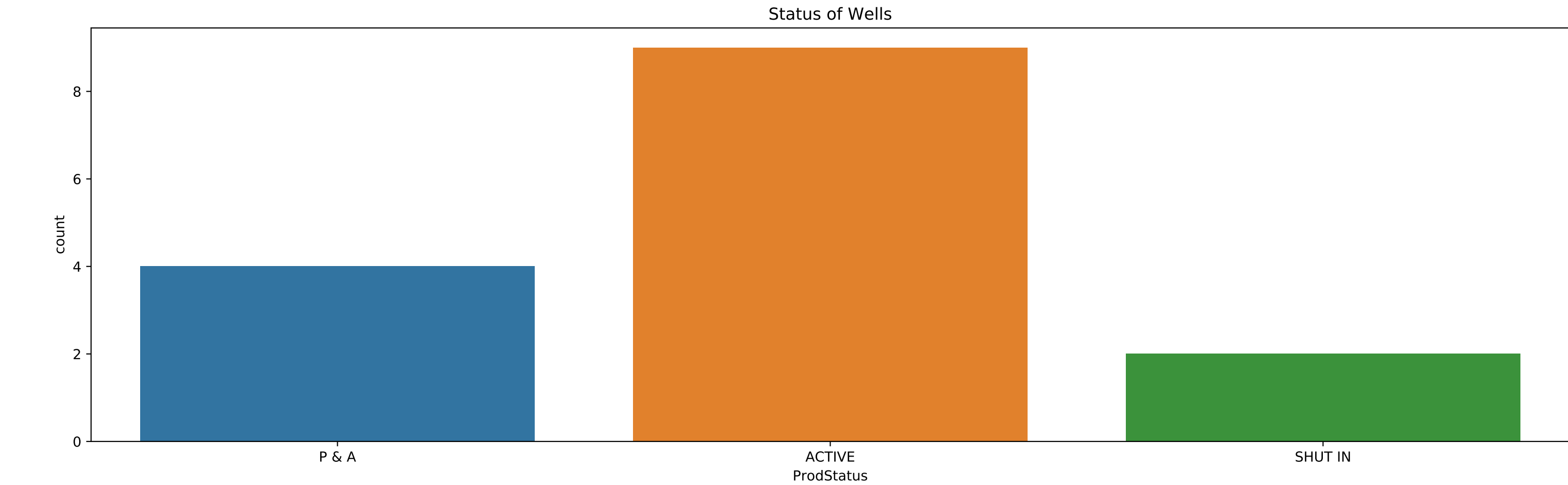
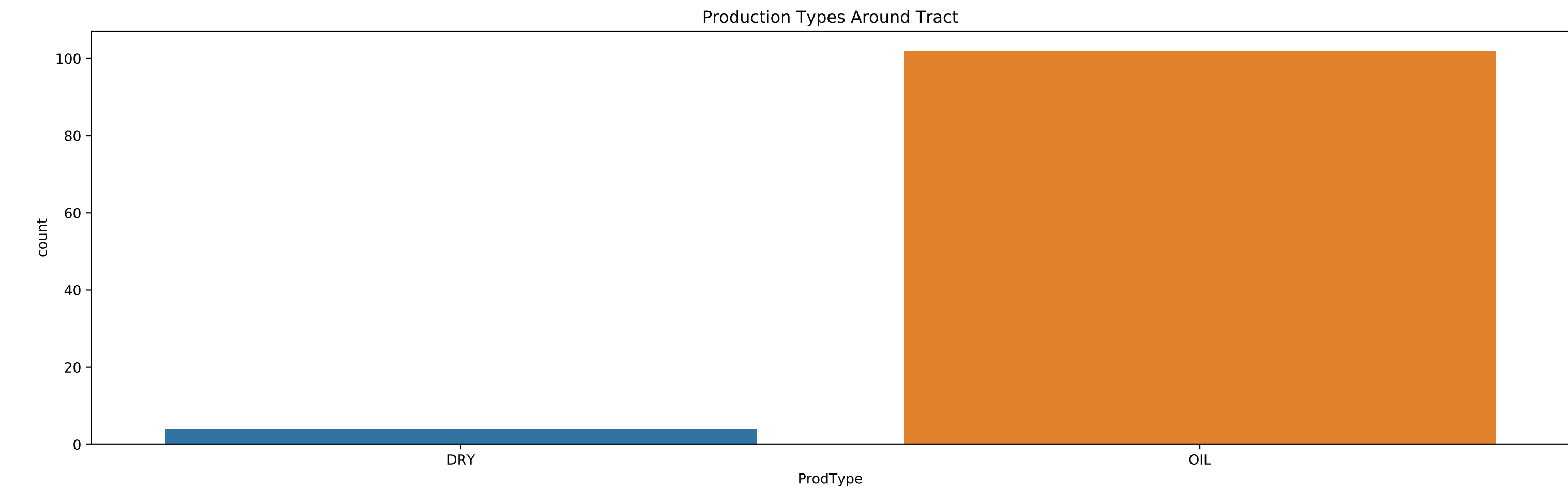
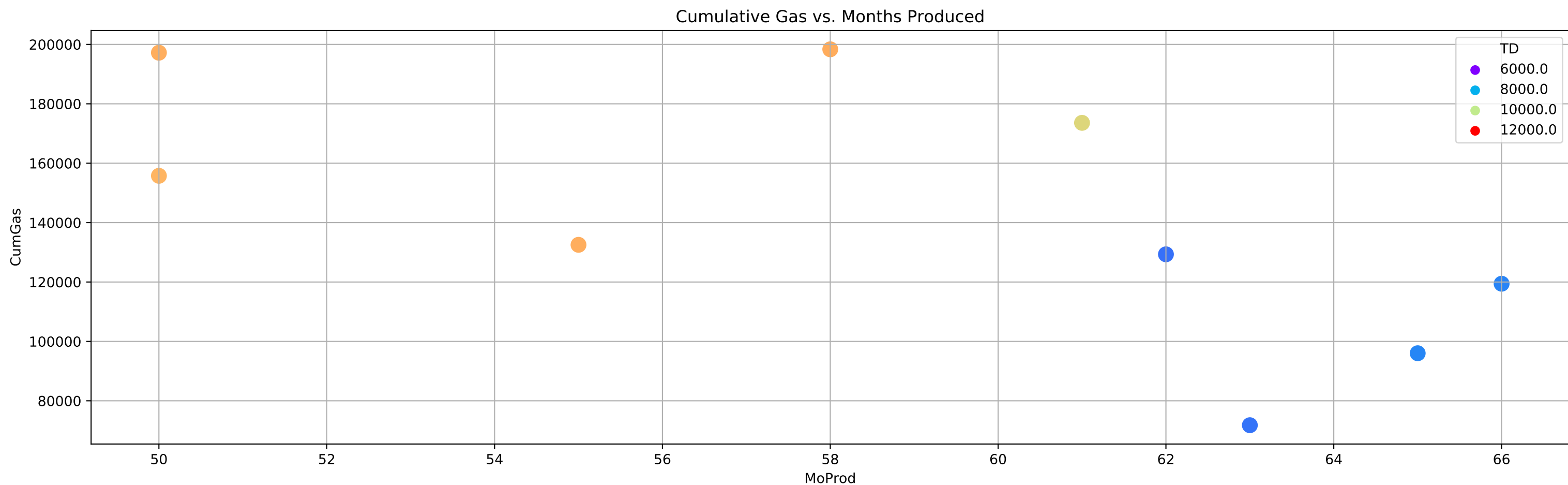
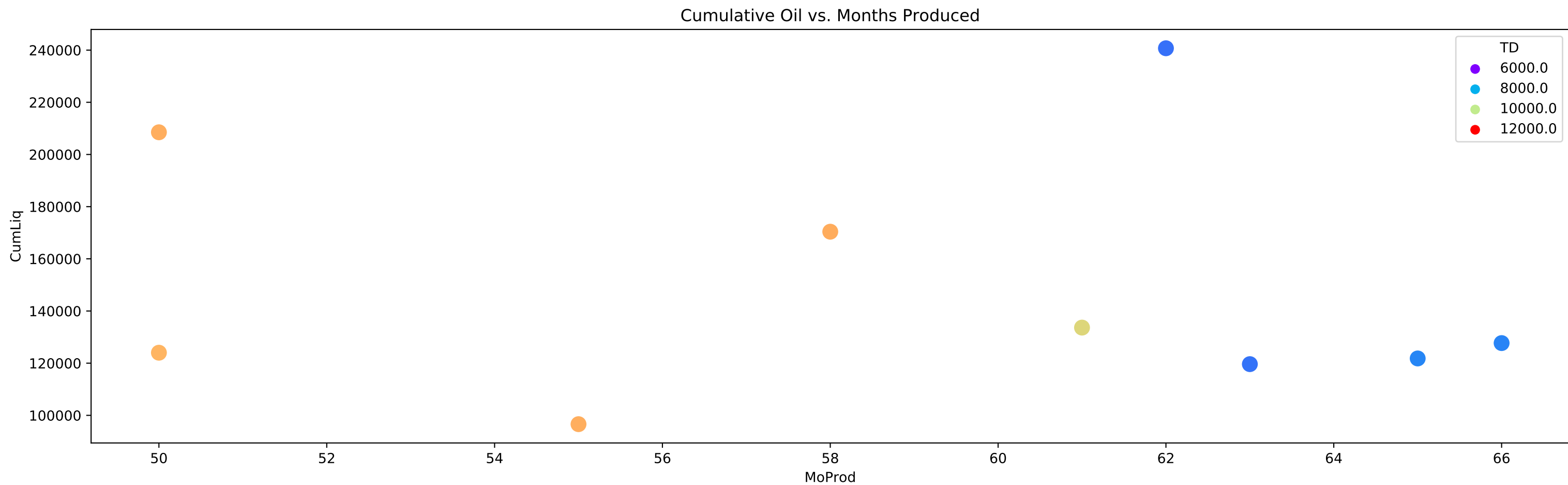
## Permit Horizontal Lengths - Binned



Lease Summary for tract 7  
Total Number of Leases: 2  
Average Price \$3350/acre in 2014



Old Production Outside of Tract 7 - 3 Mi Radius



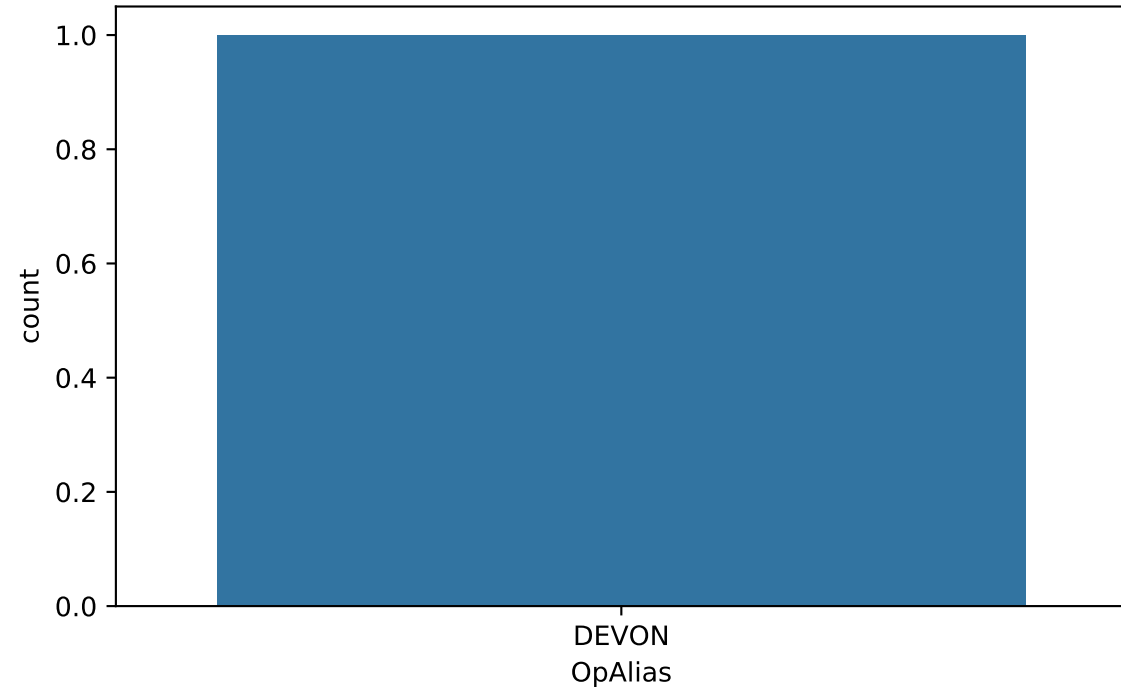
# Permit Summary for Tract 8

Total permits: 1

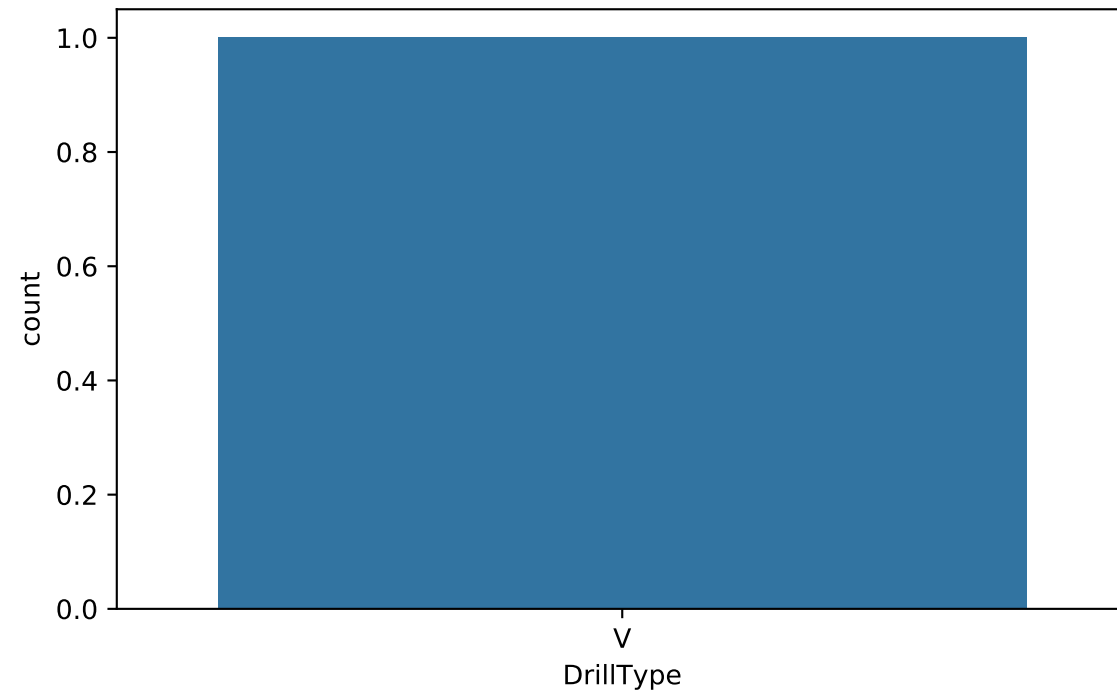
## Permits by Well Status



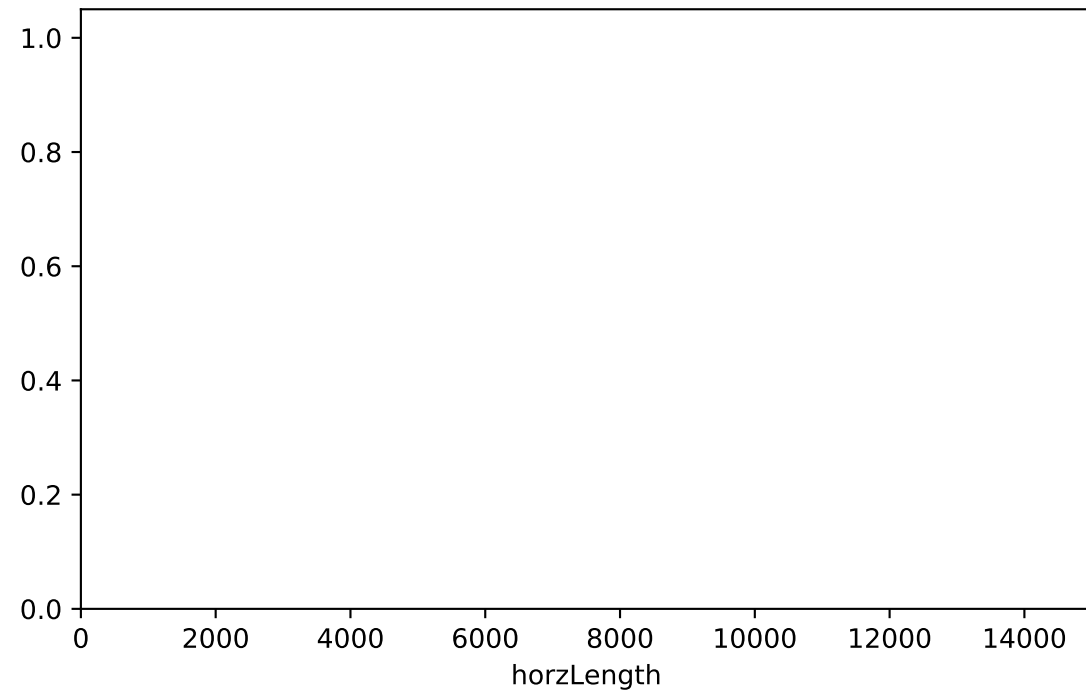
## Permits by Operator



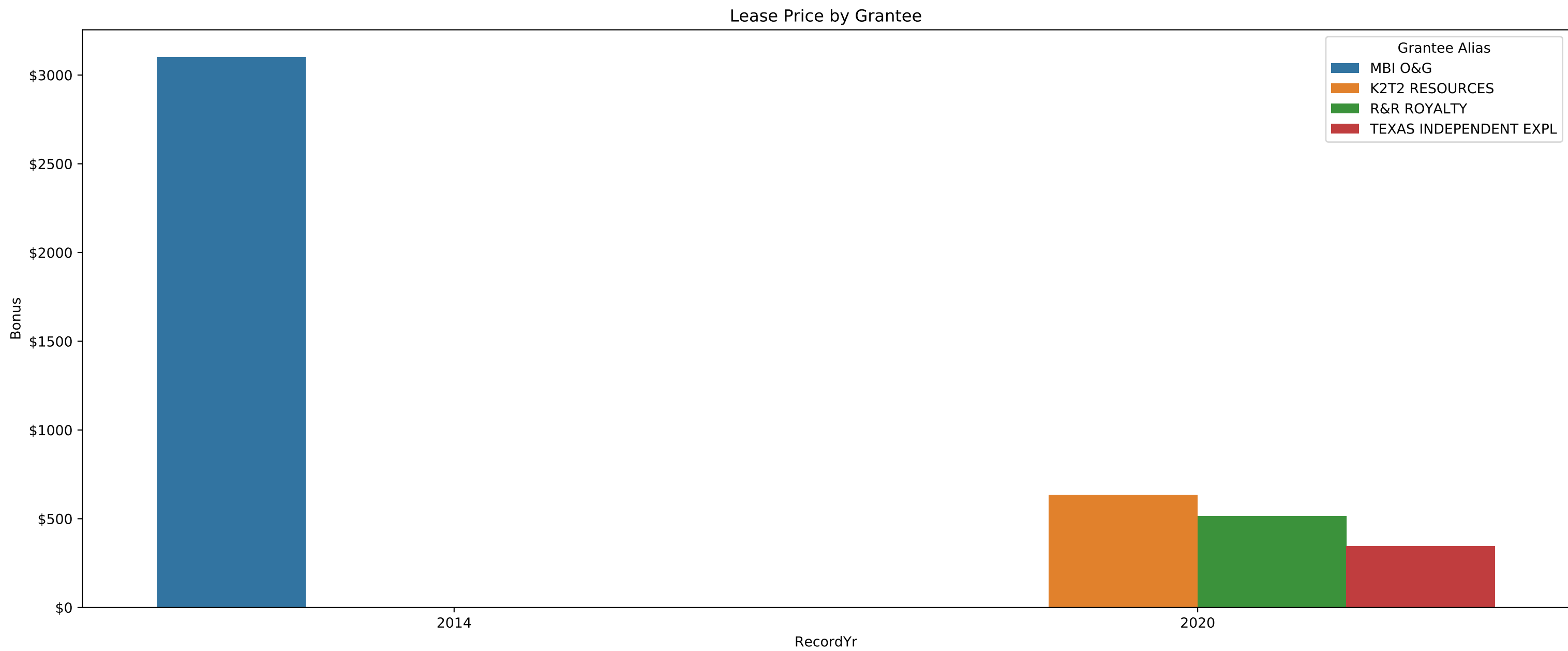
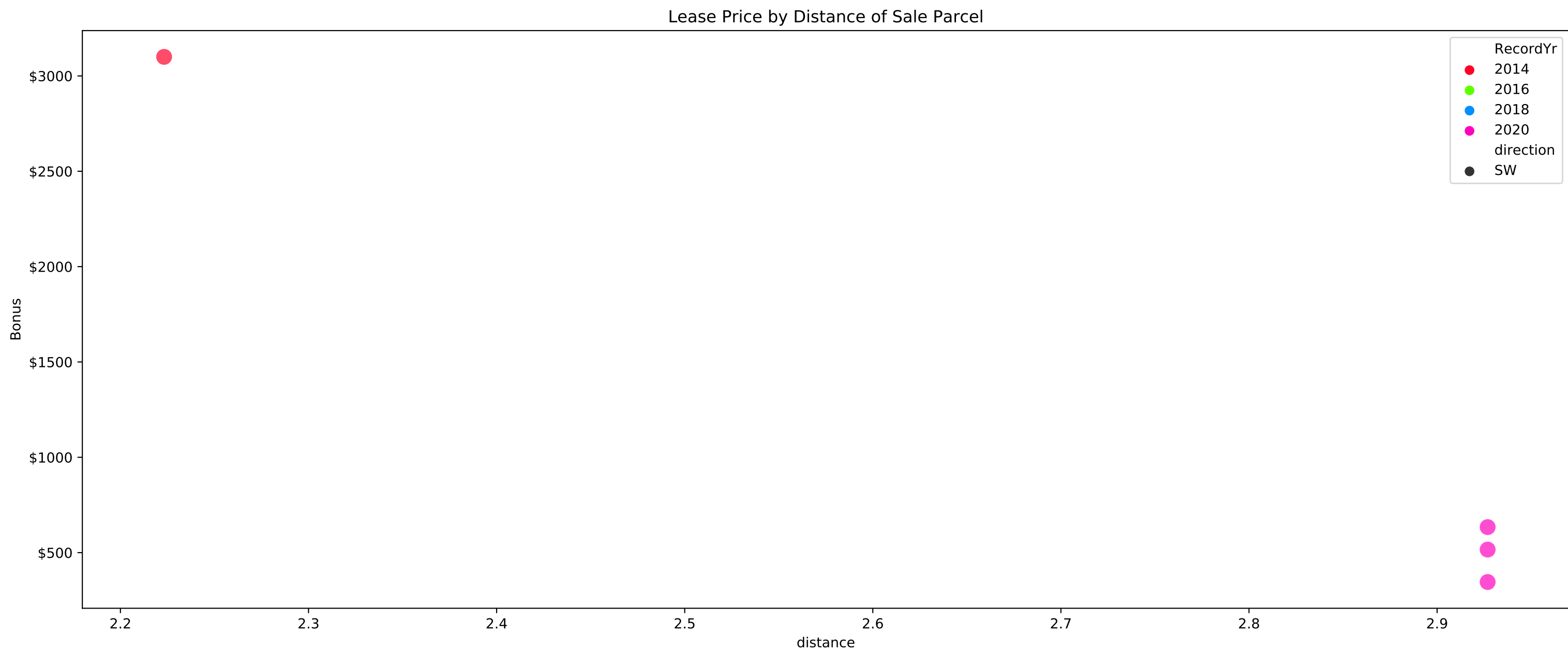
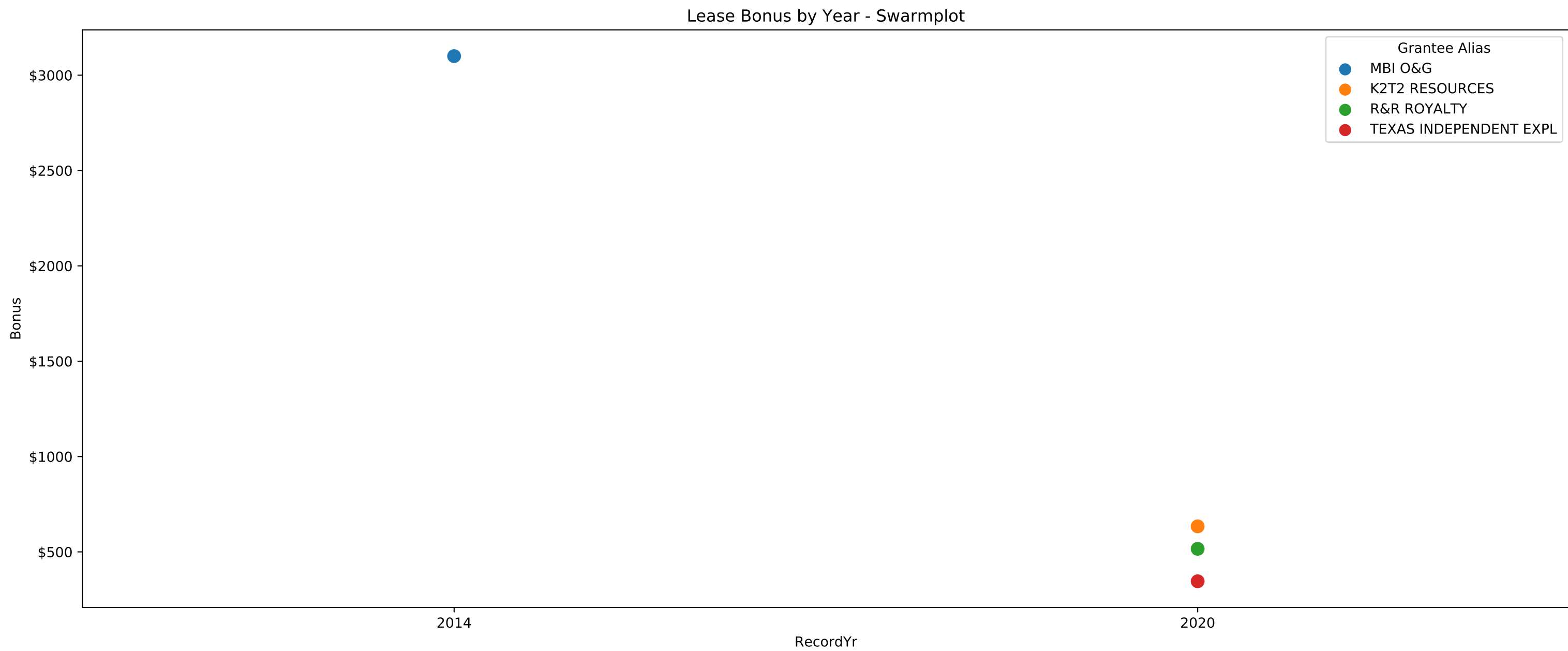
## Permits by Well Type (H,D,V)



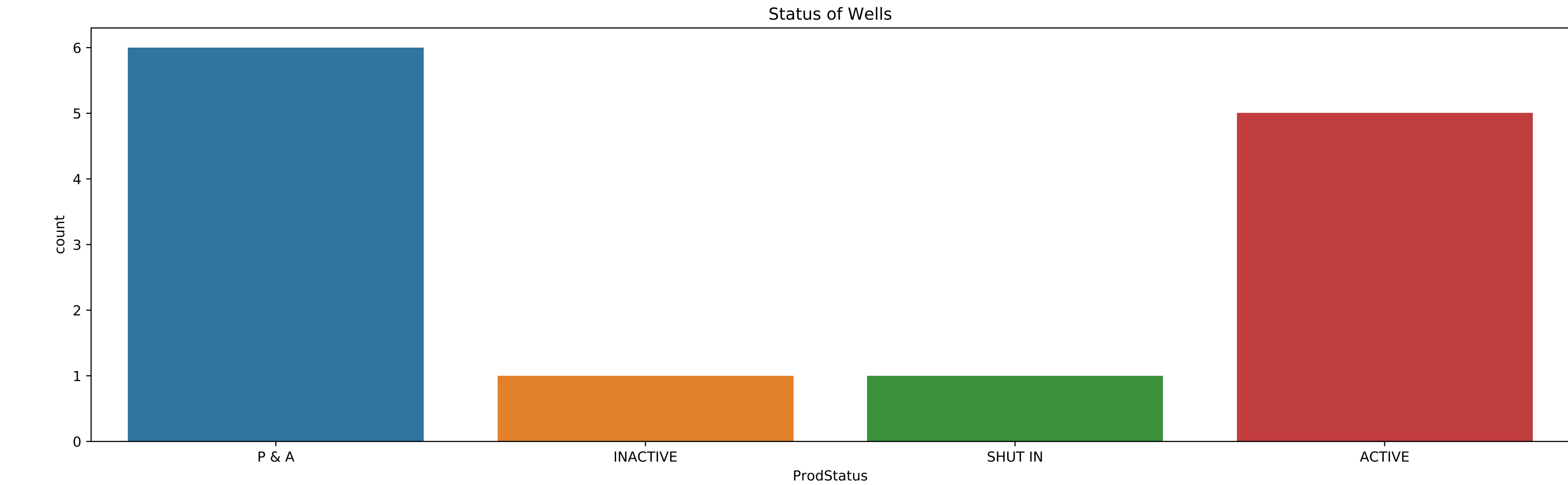
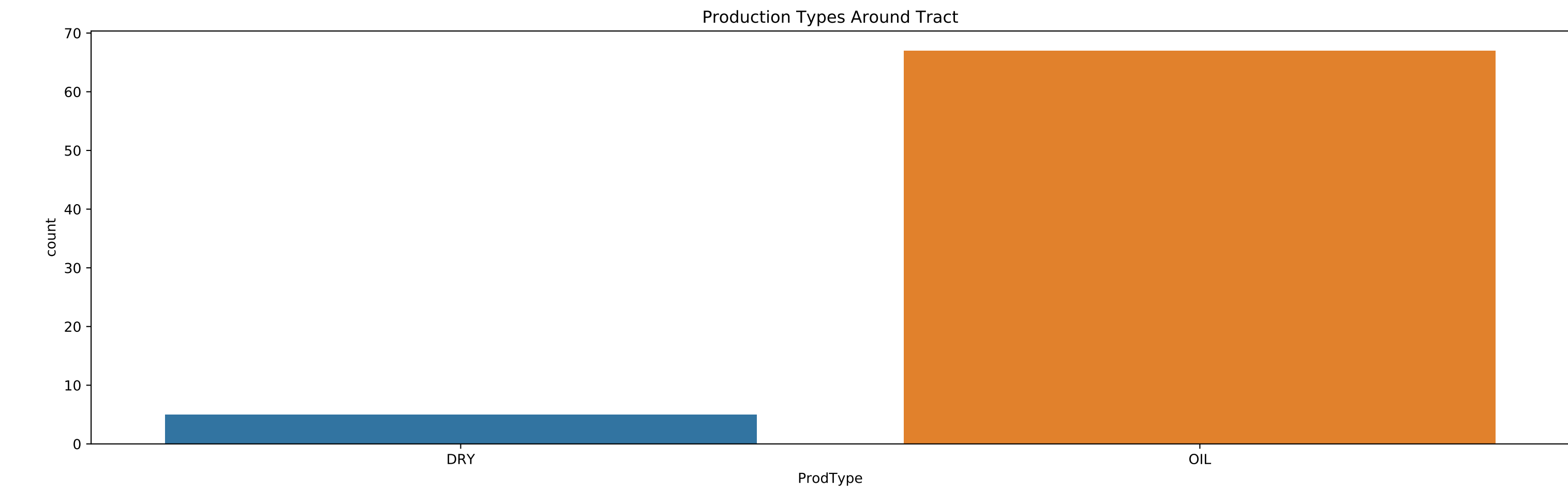
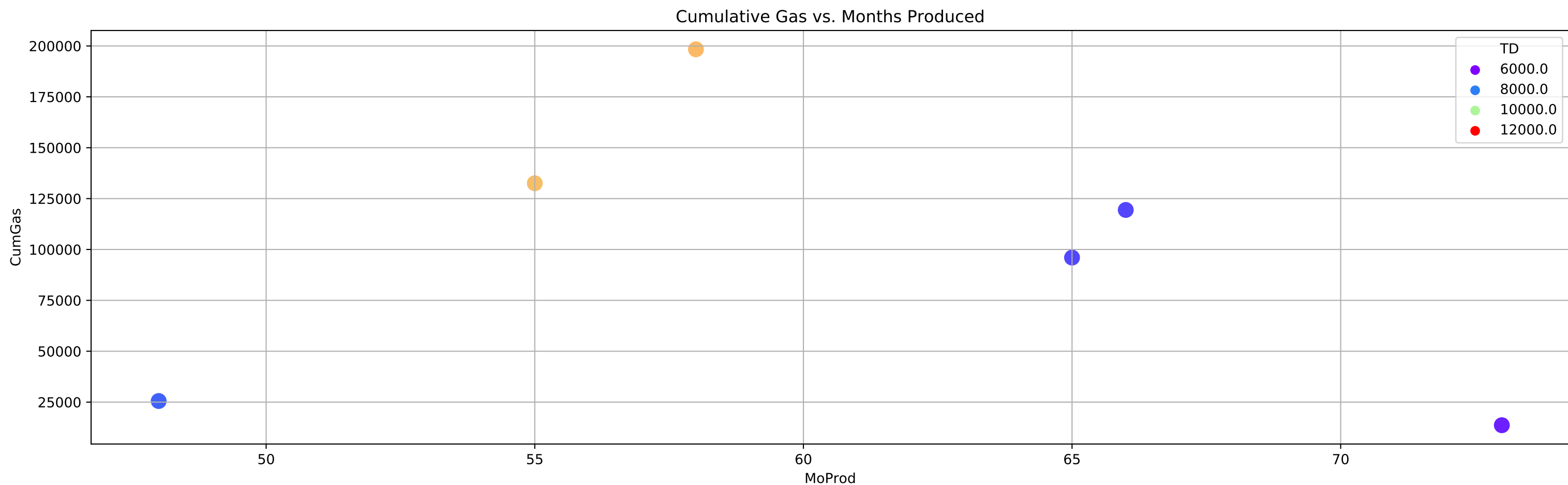
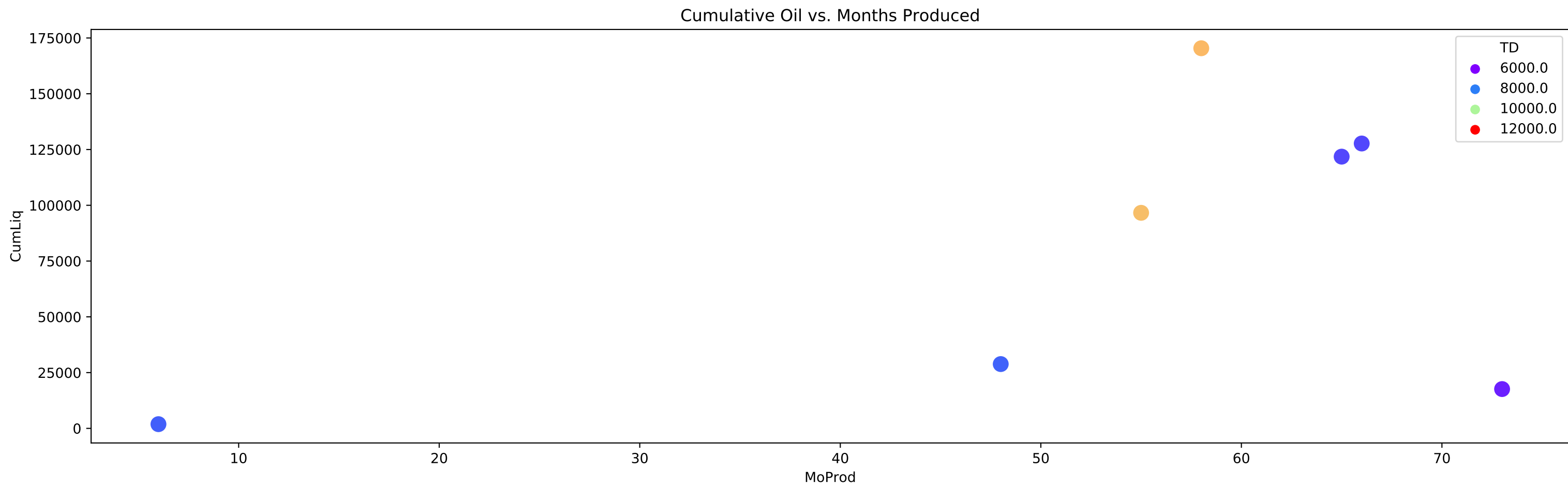
## Permit Horizontal Lengths - Binned



Lease Summary for tract 8  
Total Number of Leases: 4  
Average Price \$499/acre in 2020



# Old Production Outside of Tract 8 - 3 Mi Radius

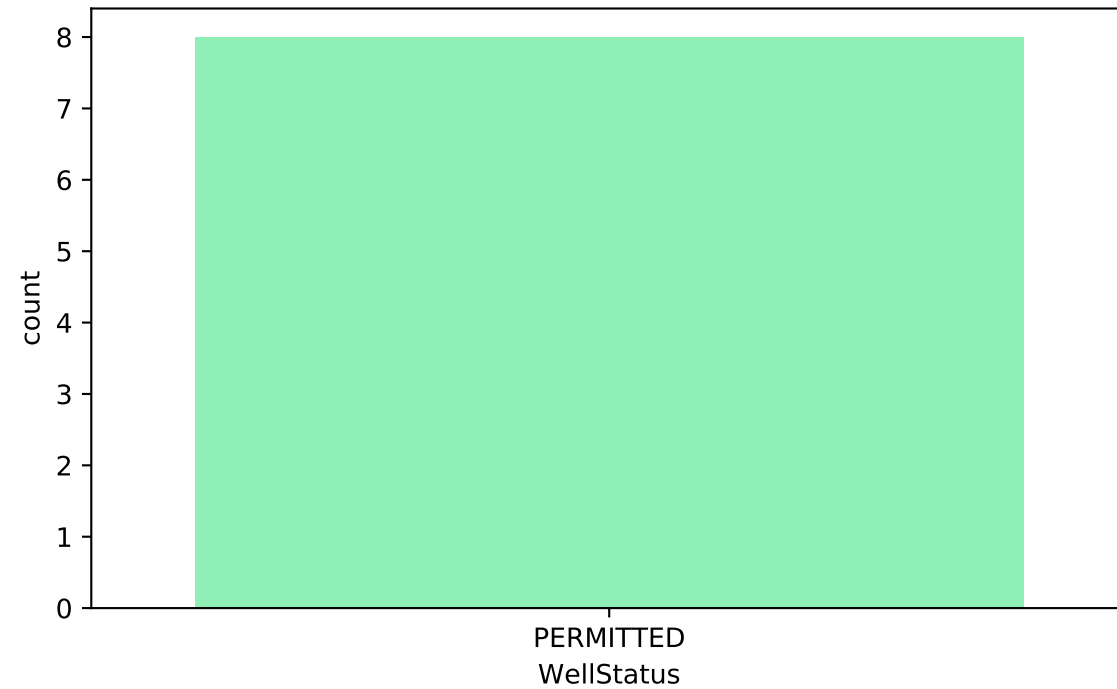




# Permit Summary for Tract 123

Total permits: 8

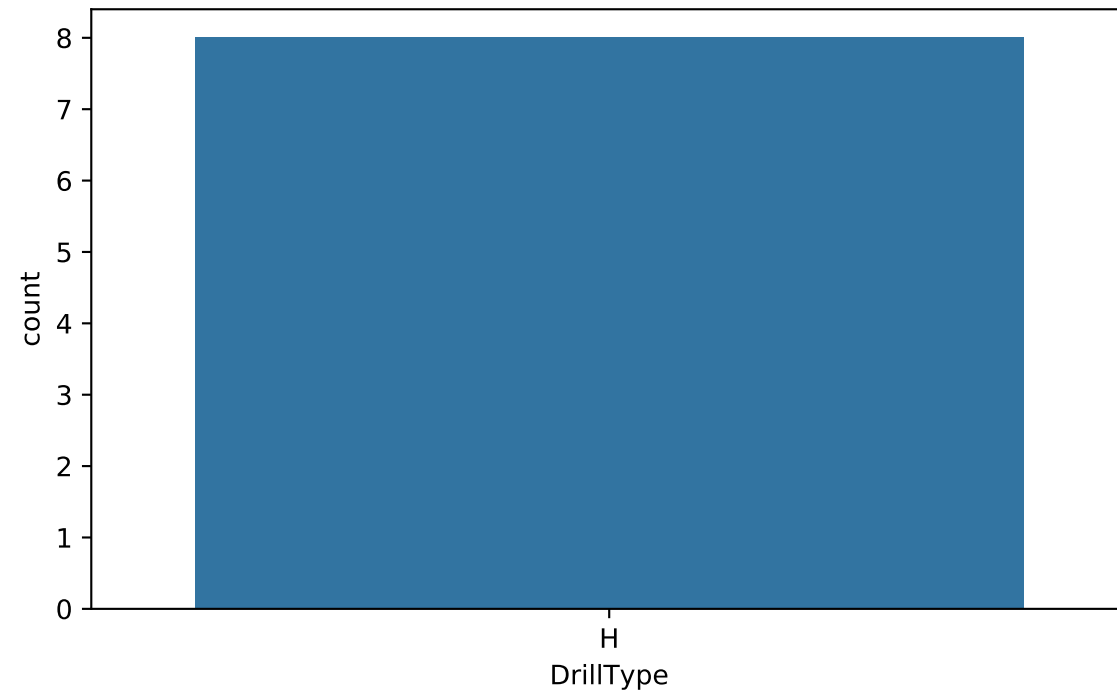
## Permits by Well Status



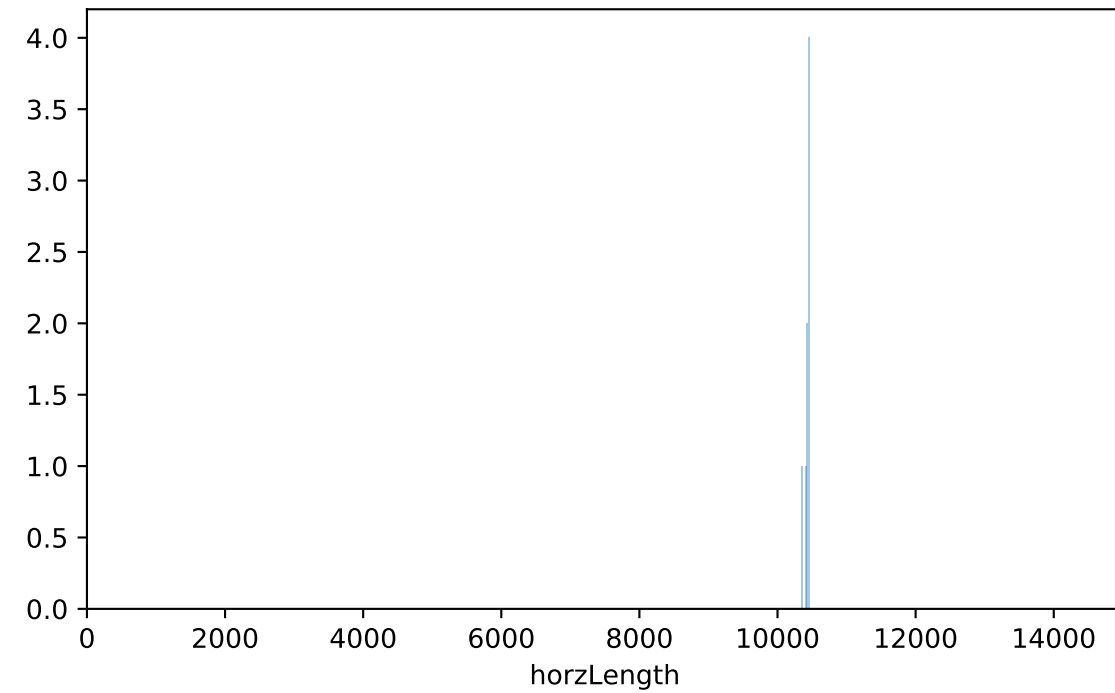
## Permits by Operator



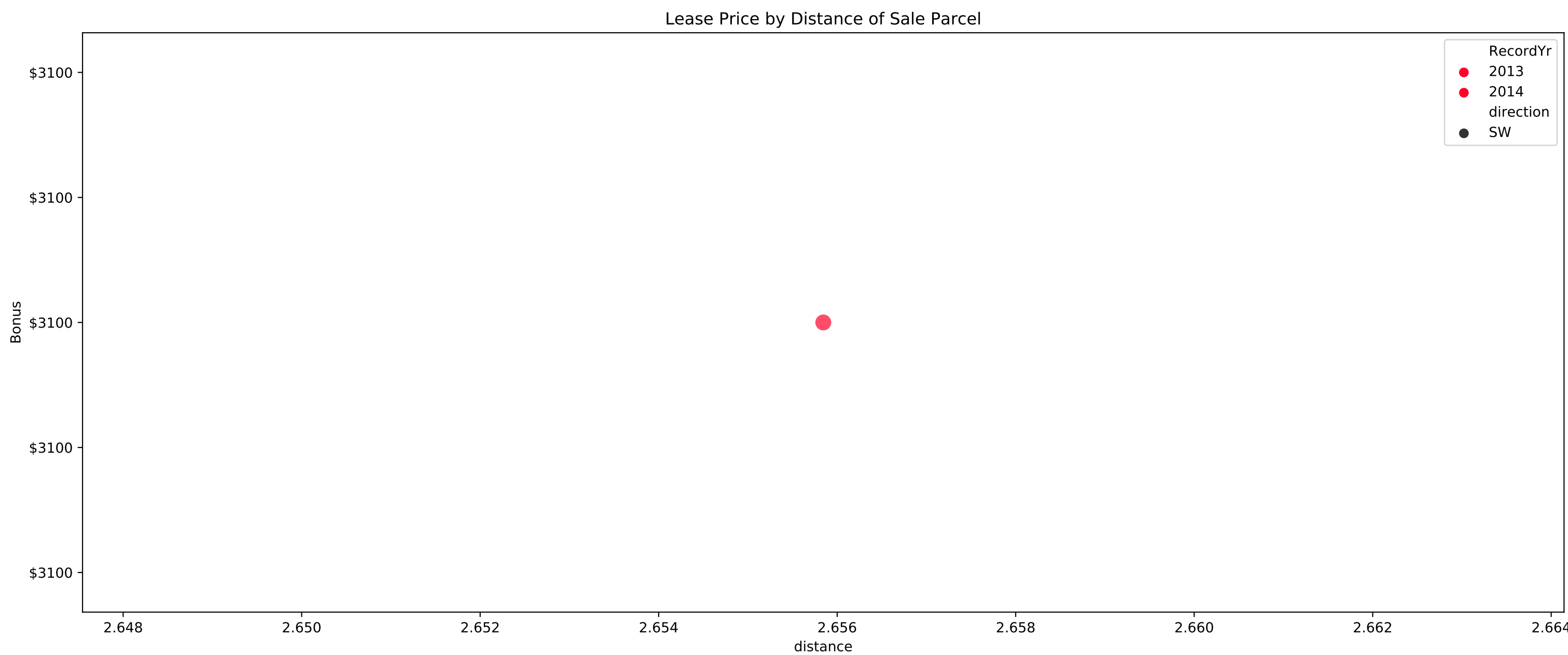
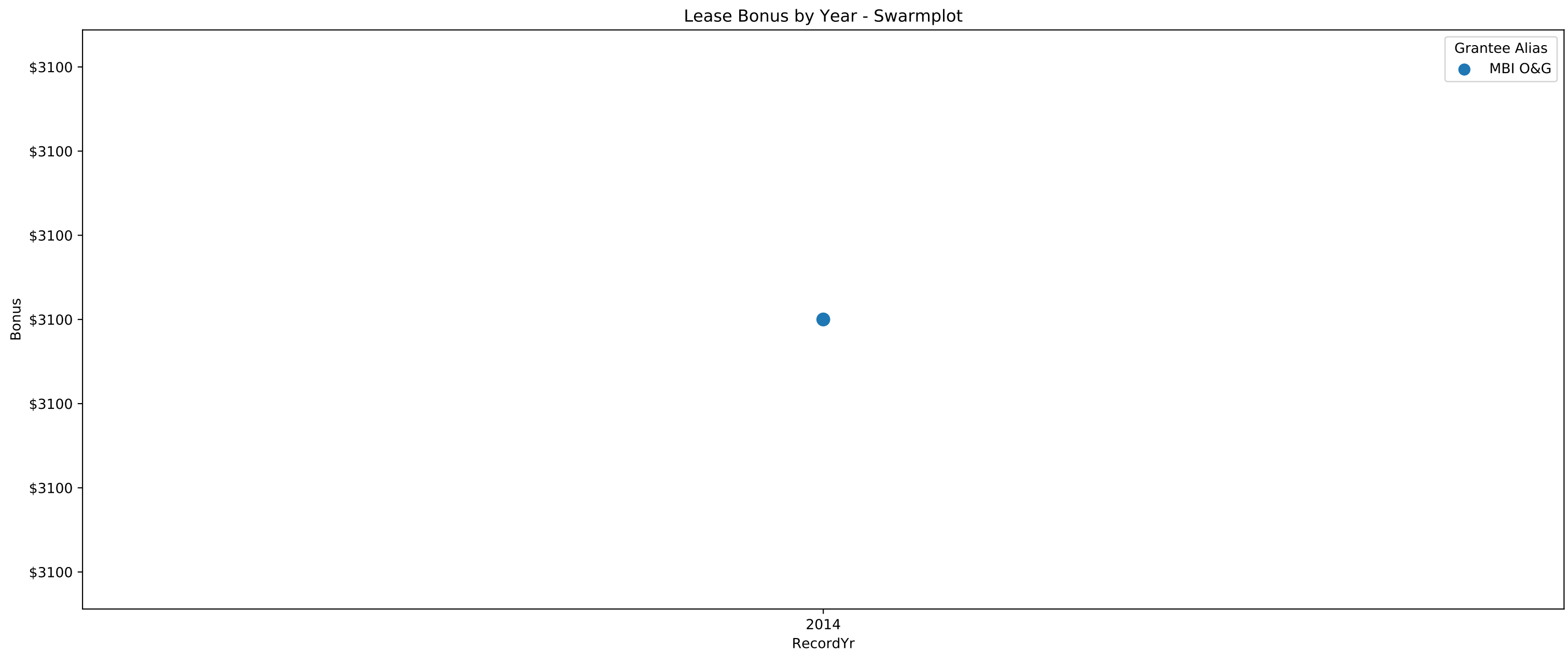
## Permits by Well Type (H,D,V)



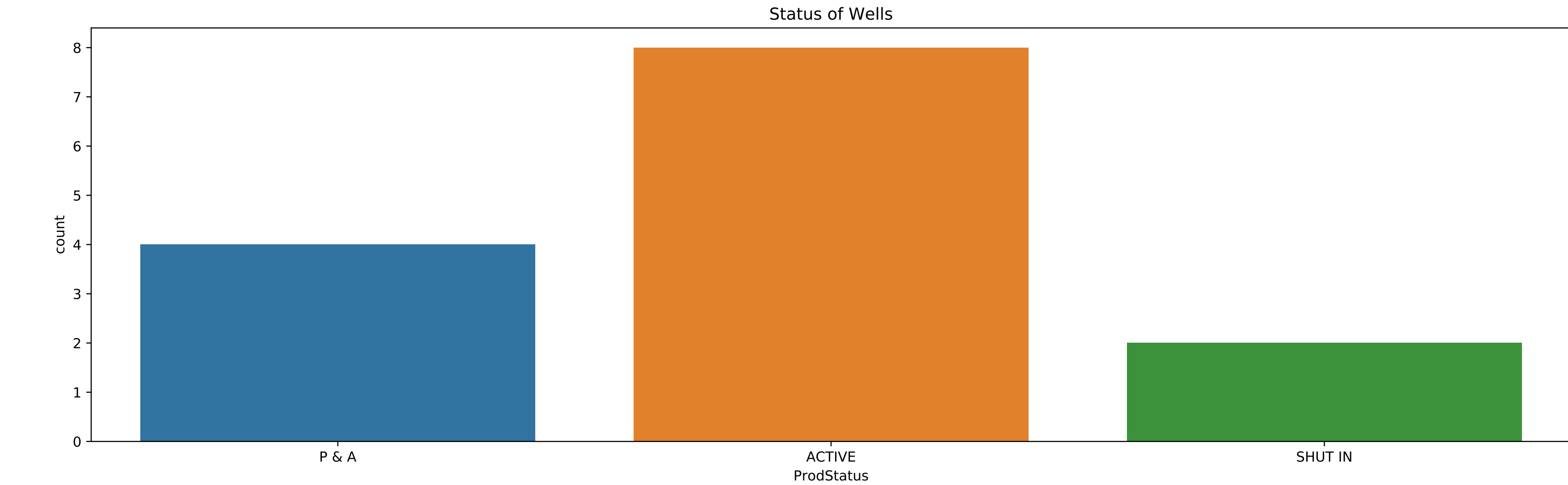
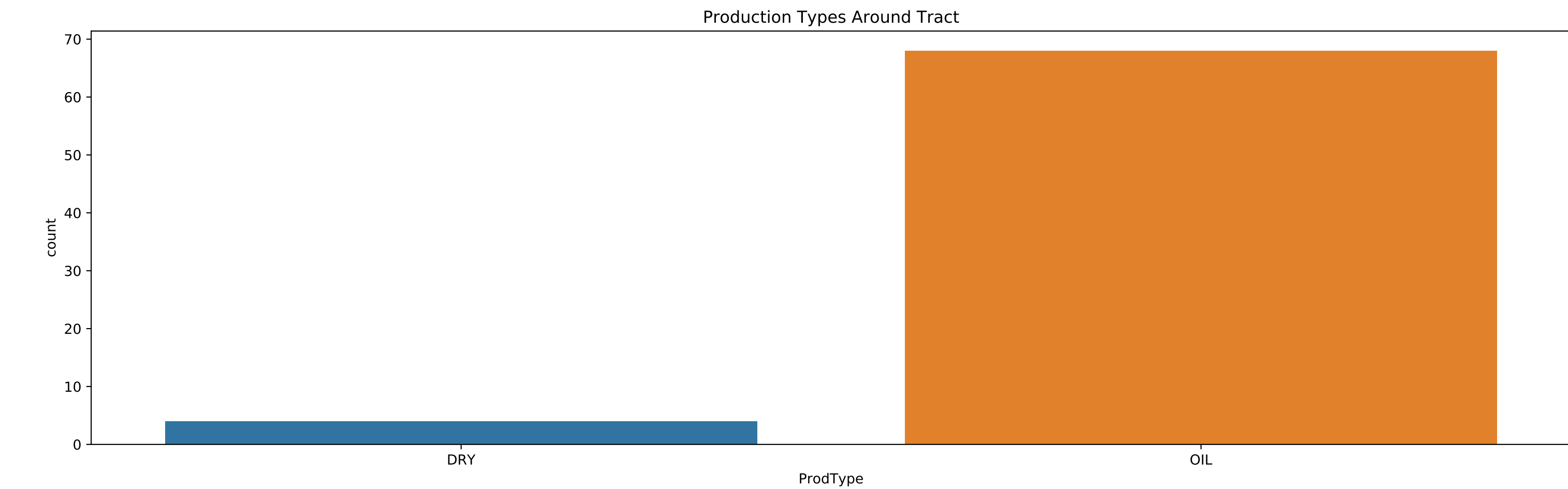
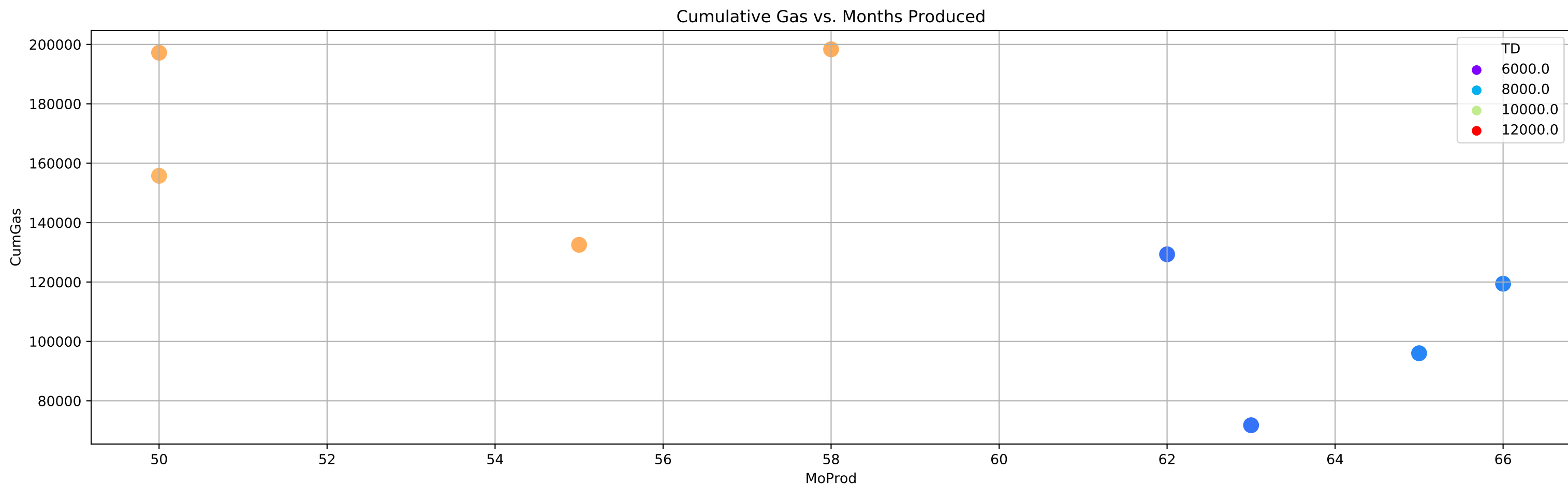
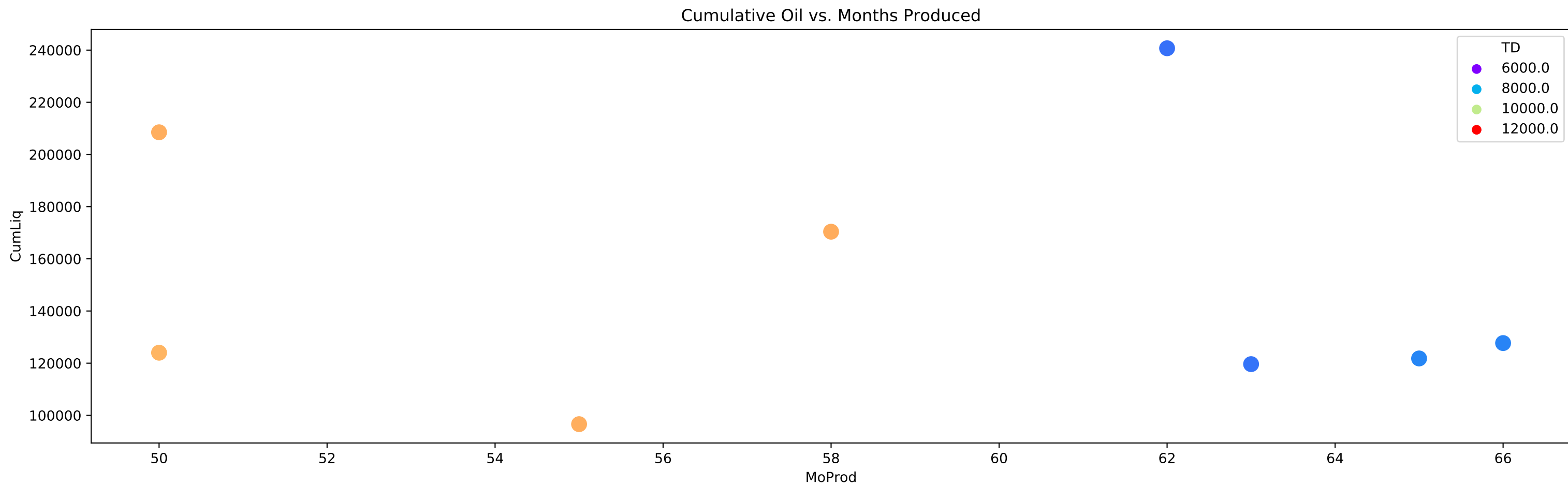
## Permit Horizontal Lengths - Binned



Lease Summary for tract 123  
Total Number of Leases: 1  
Average Price \$3100/acre in 2014



# Old Production Outside of Tract 123 - 3 Mi Radius



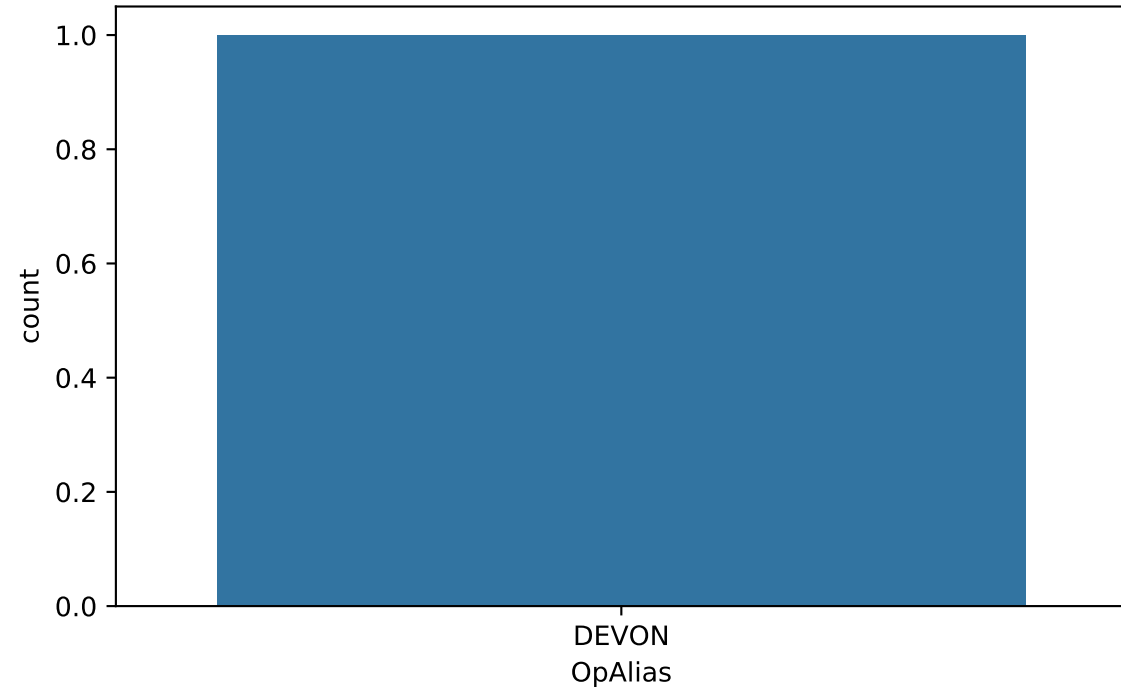
# Permit Summary for Tract 9

Total permits: 1

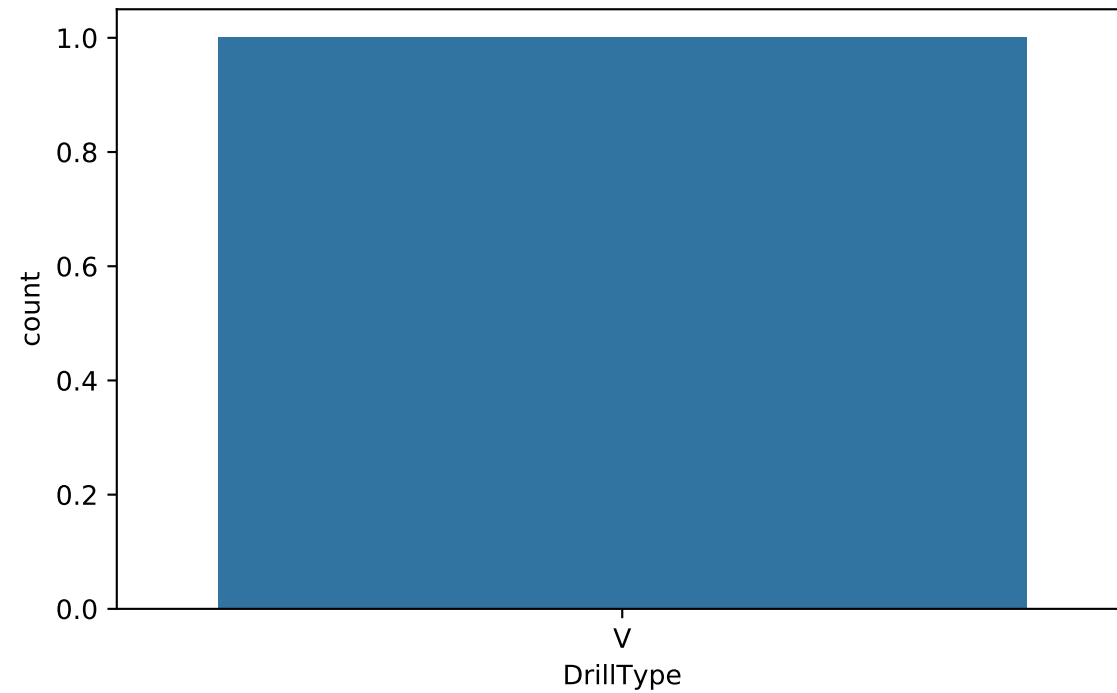
## Permits by Well Status



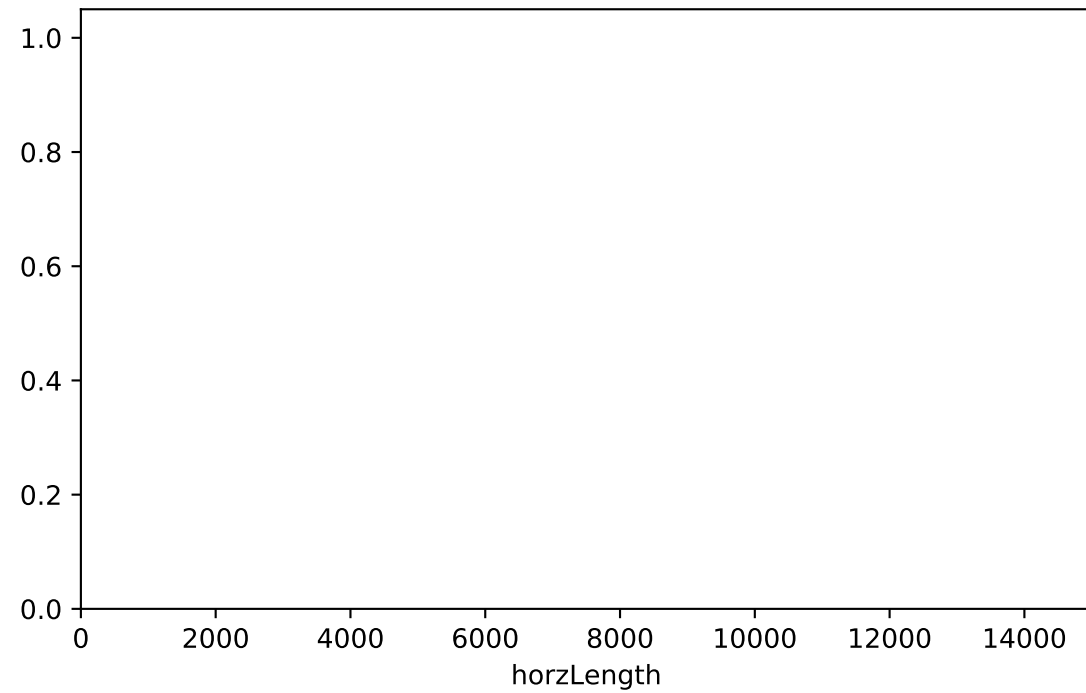
## Permits by Operator



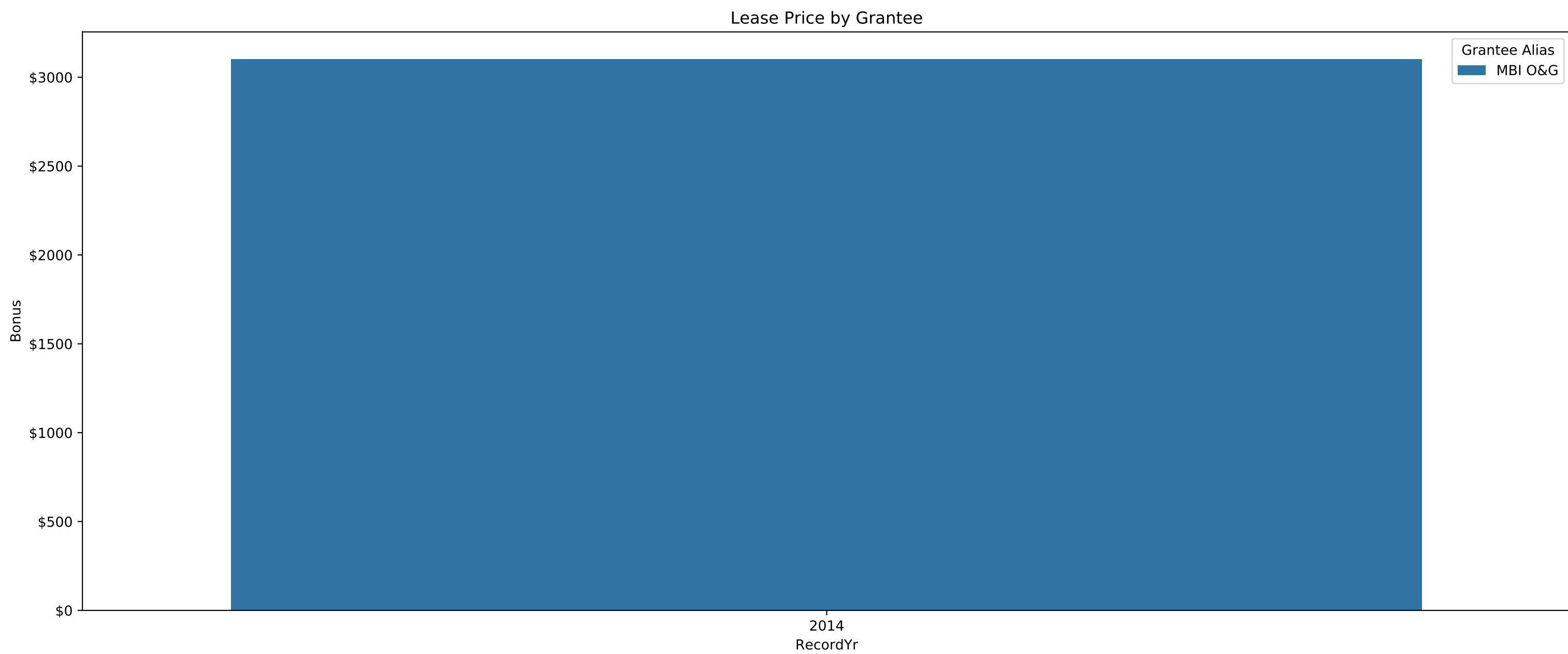
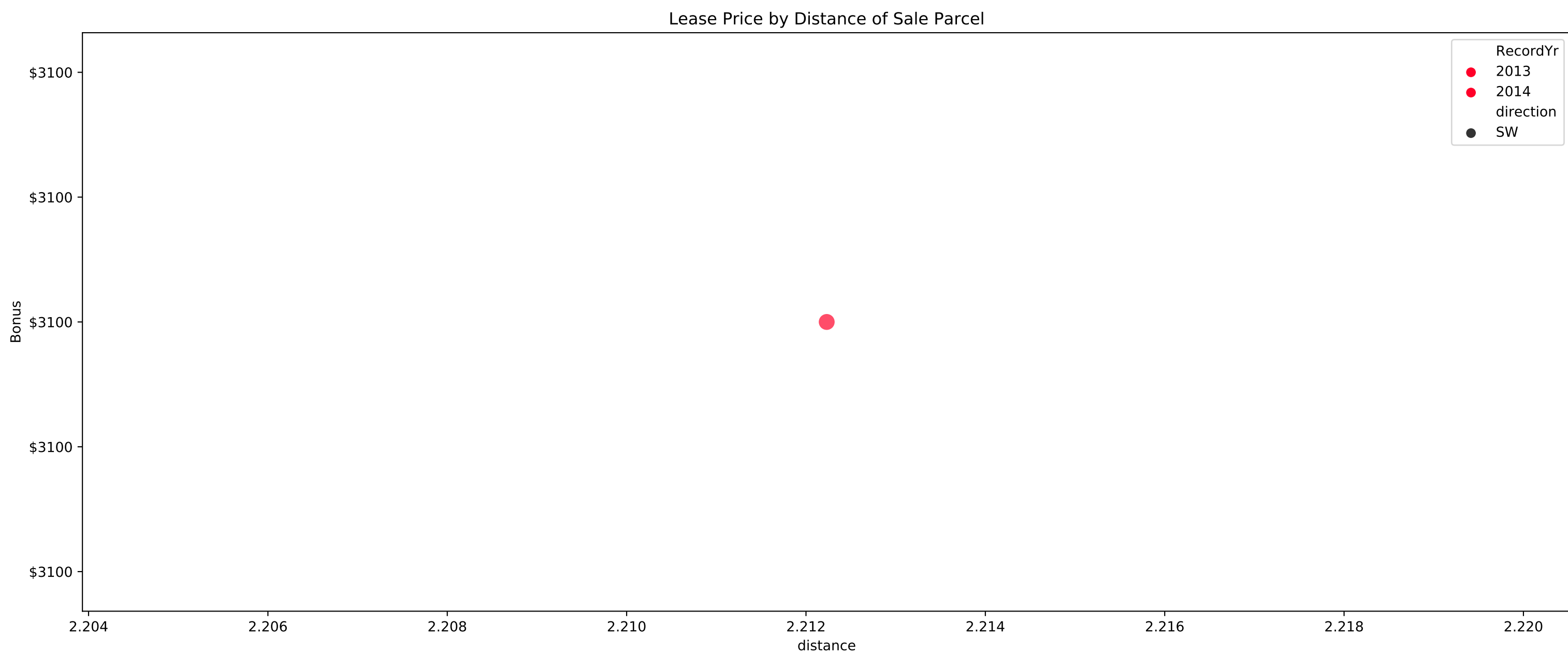
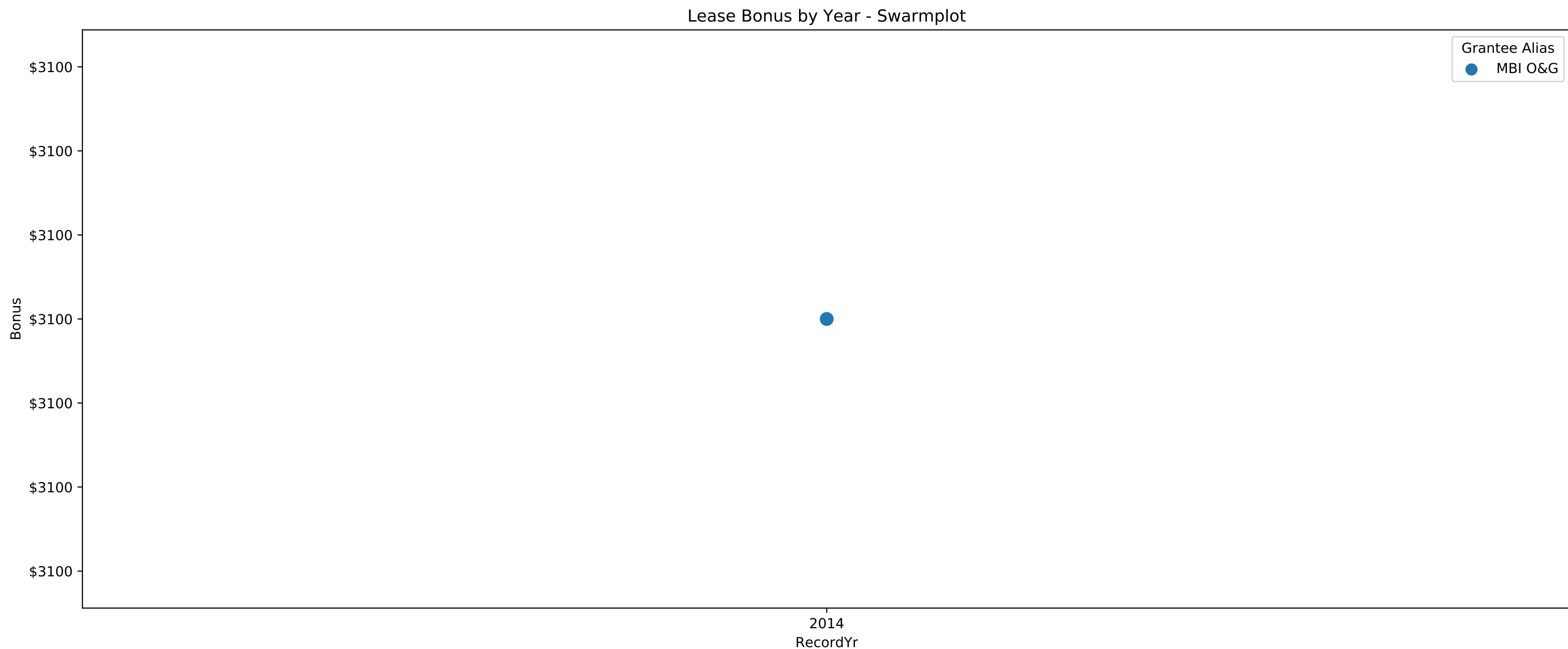
## Permits by Well Type (H,D,V)



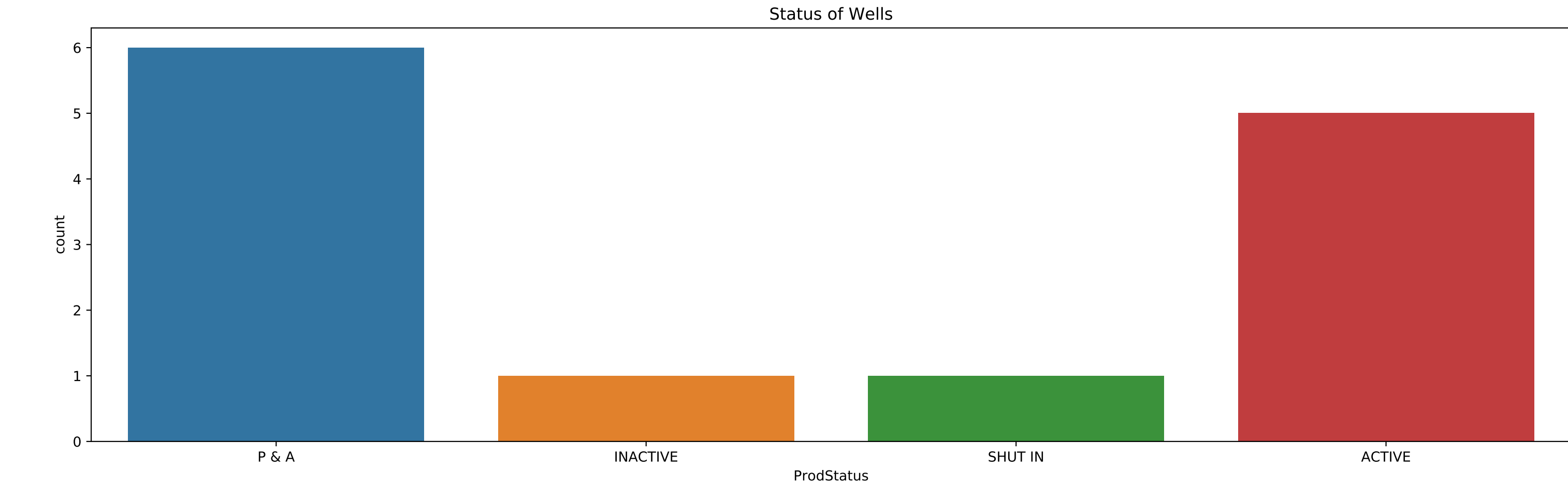
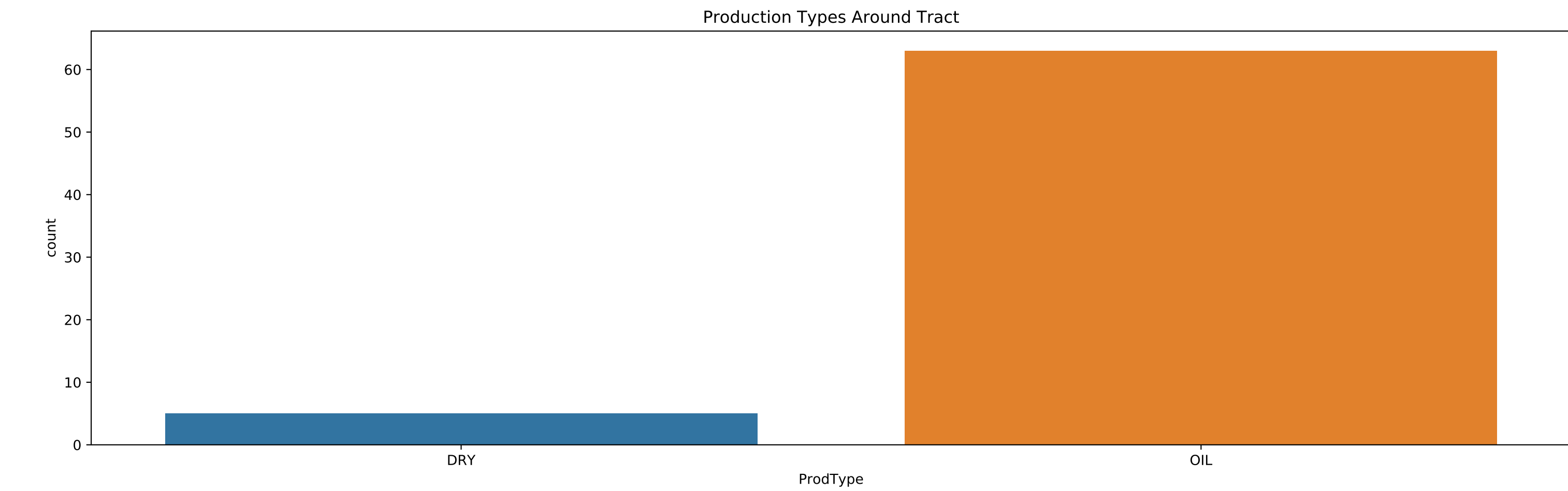
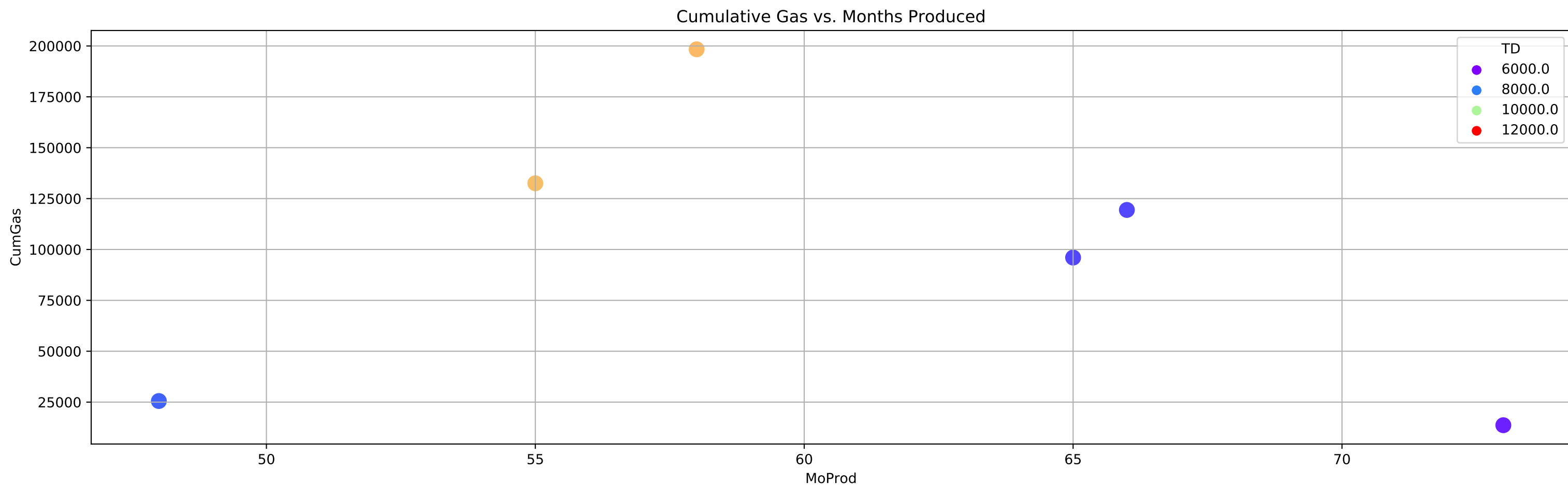
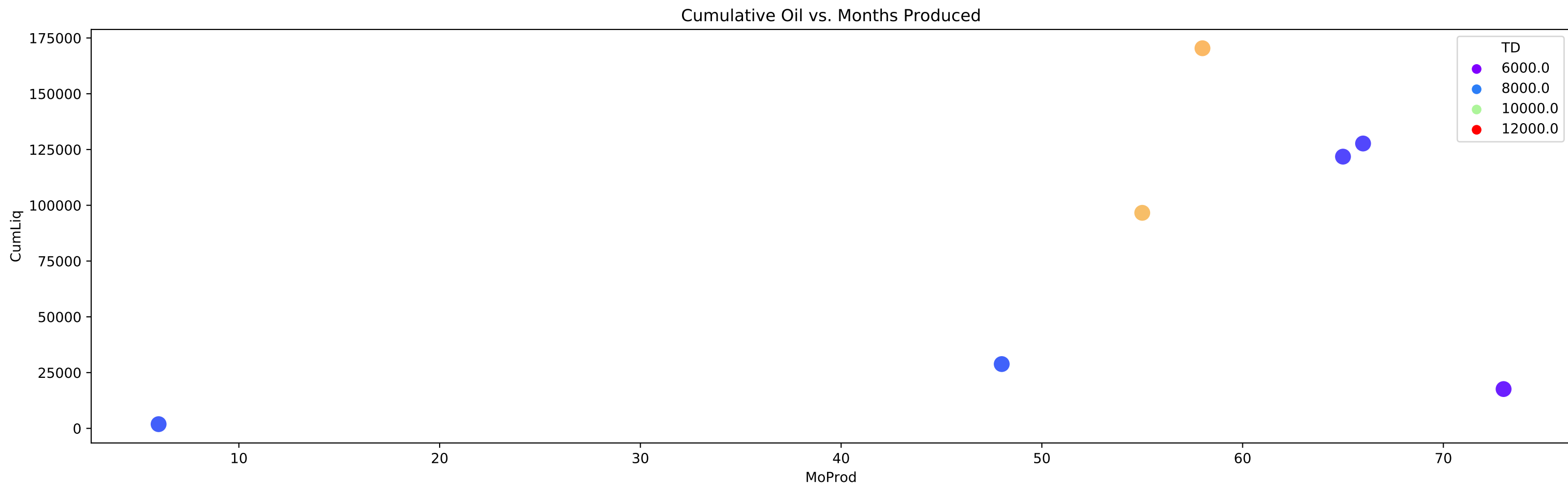
## Permit Horizontal Lengths - Binned



Lease Summary for tract 9  
Total Number of Leases: 1  
Average Price \$3100/acre in 2014



# Old Production Outside of Tract 9 - 3 Mi Radius



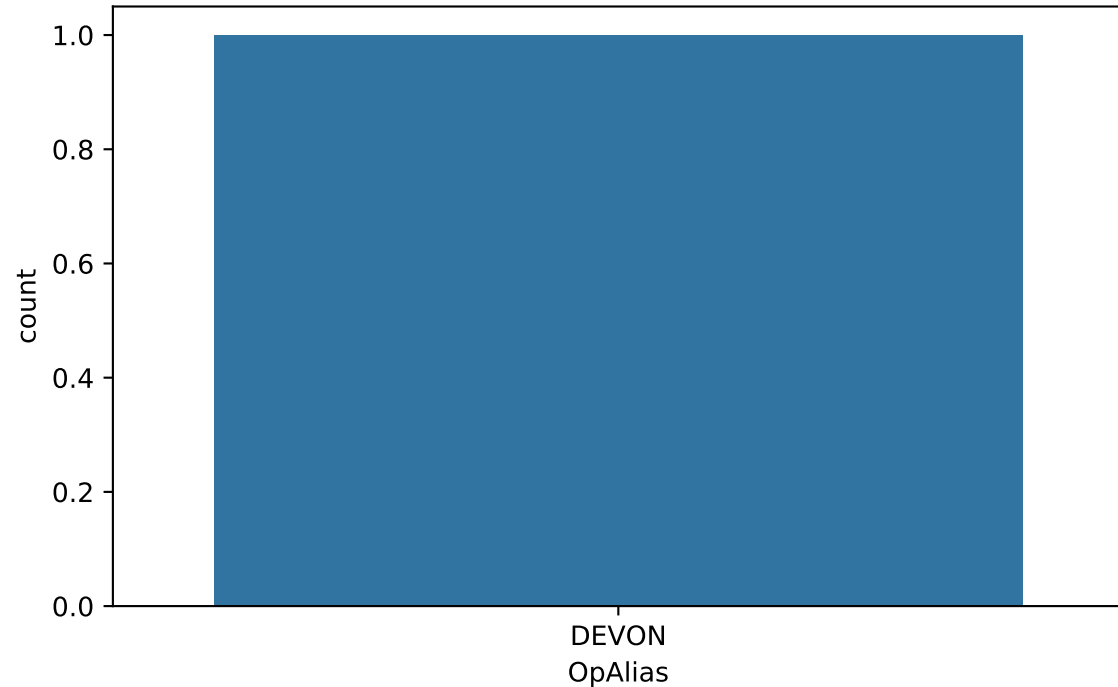
# Permit Summary for Tract 10

Total permits: 1

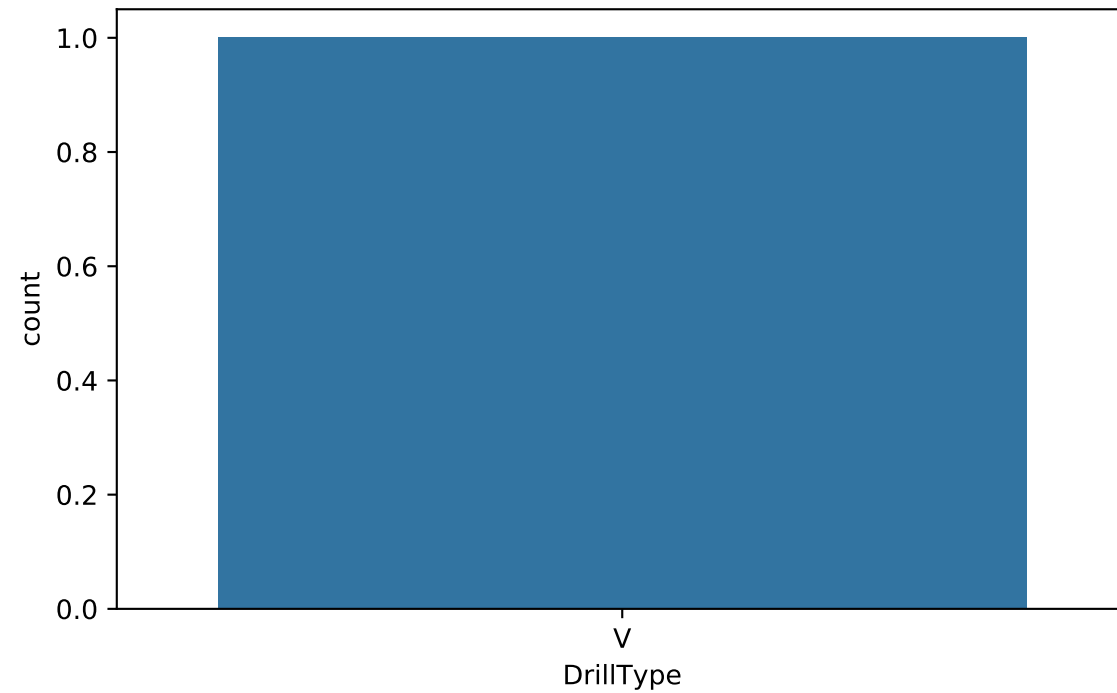
## Permits by Well Status



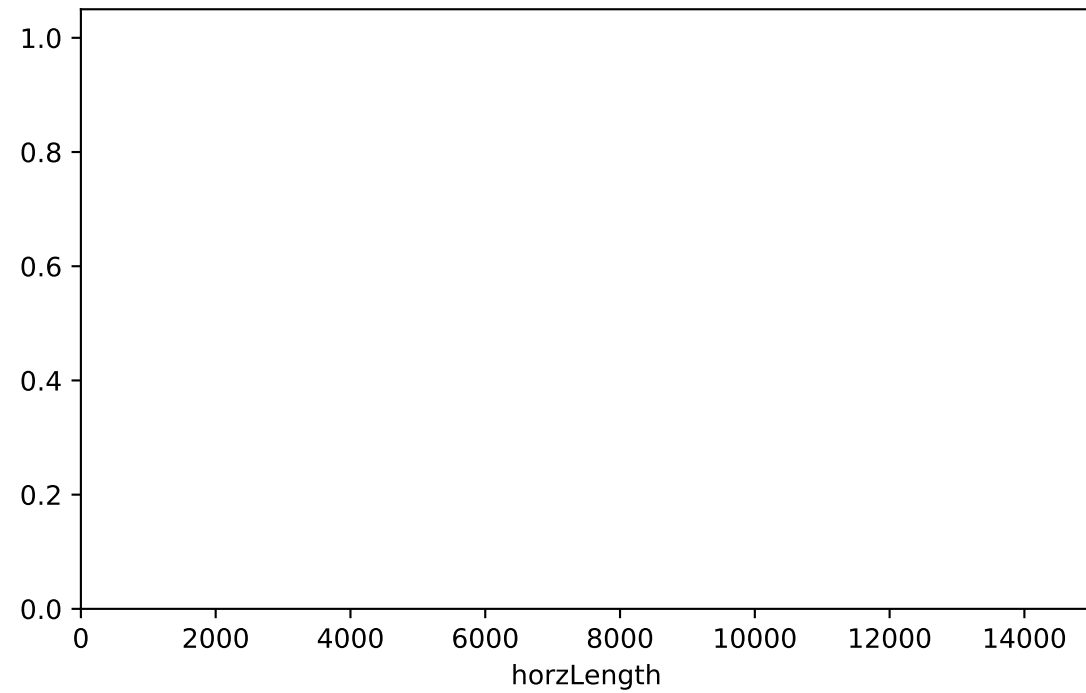
## Permits by Operator



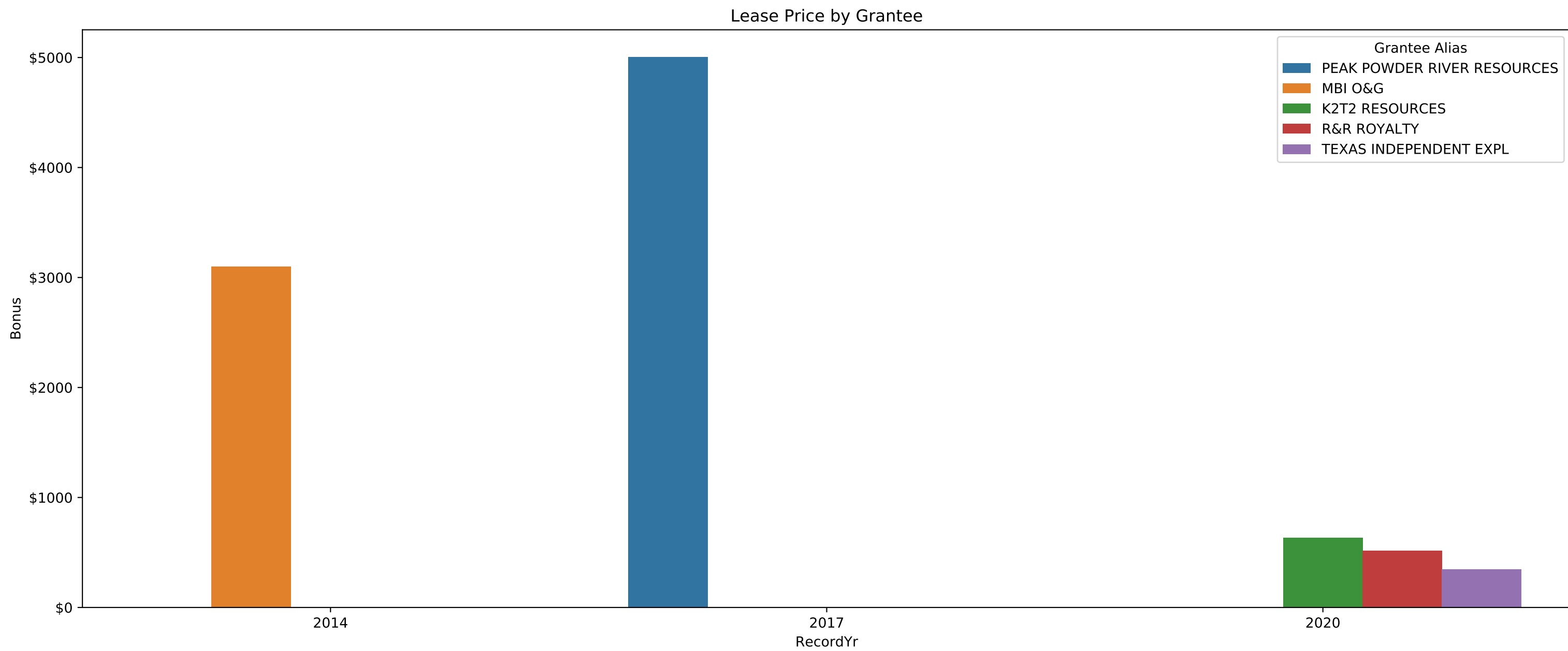
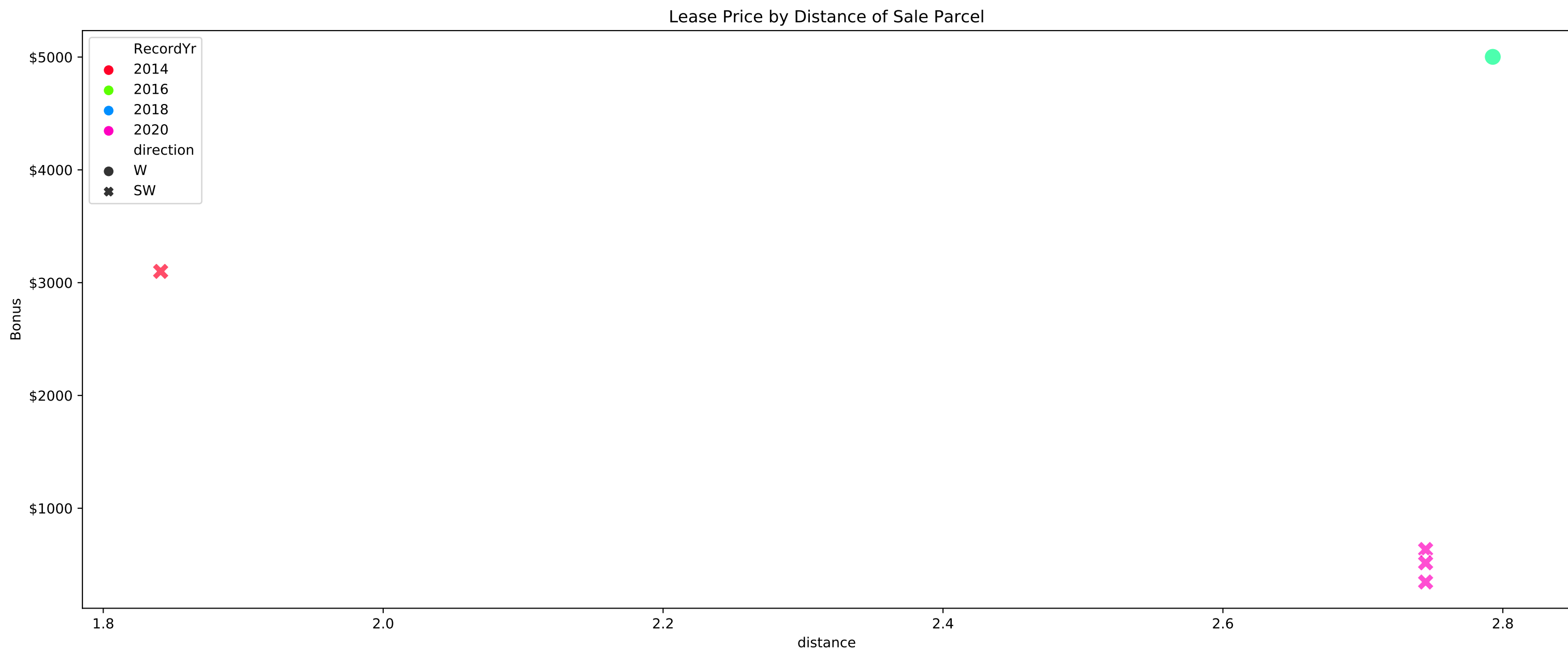
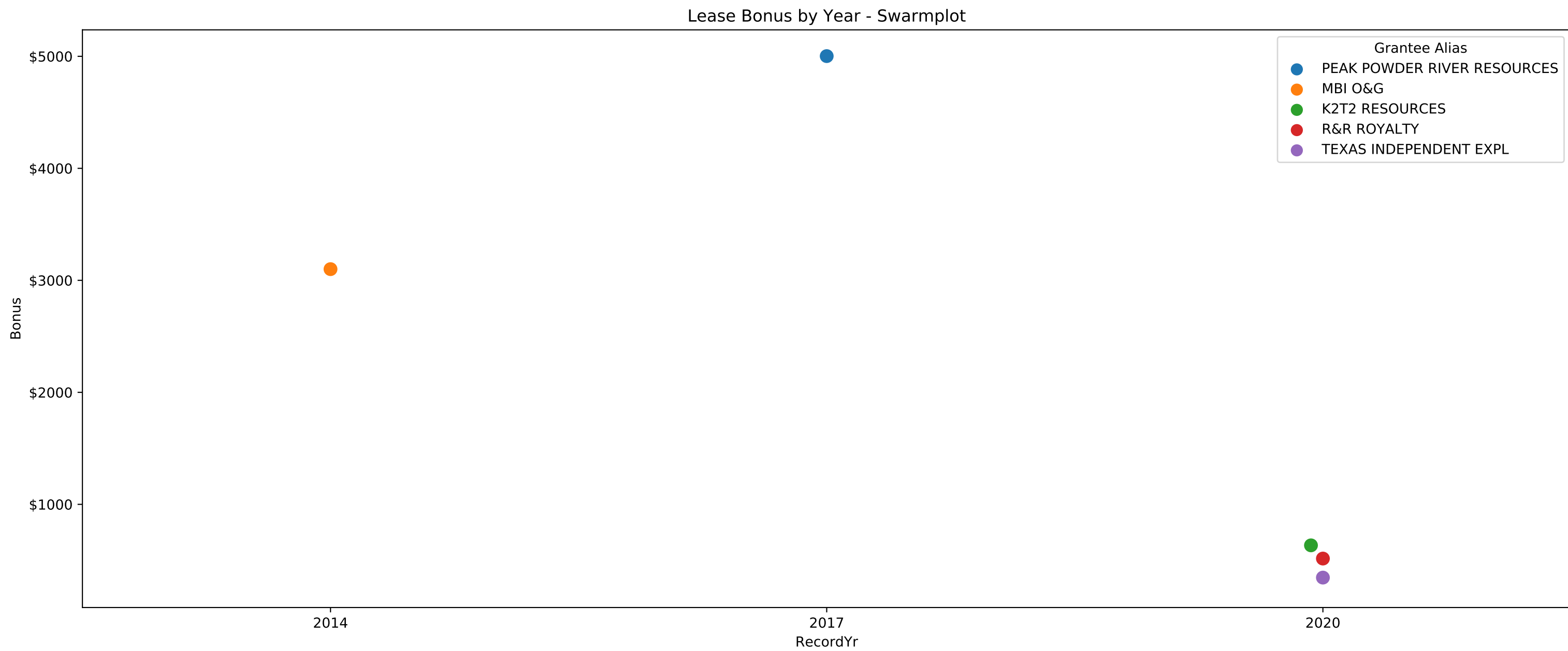
## Permits by Well Type (H,D,V)



## Permit Horizontal Lengths - Binned

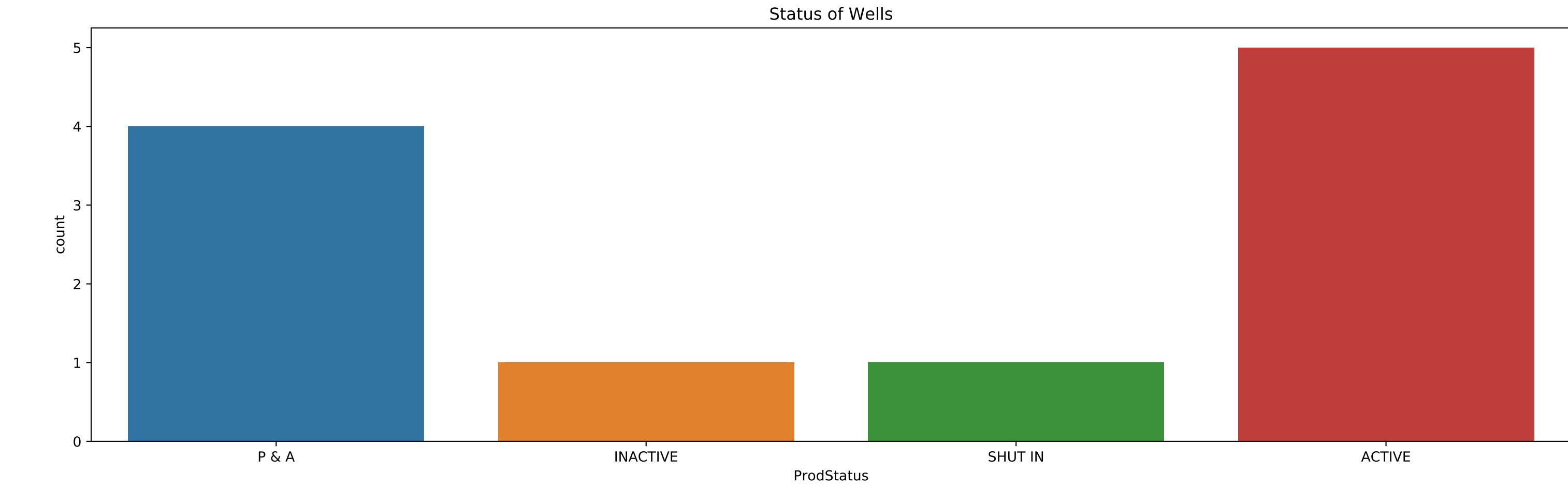
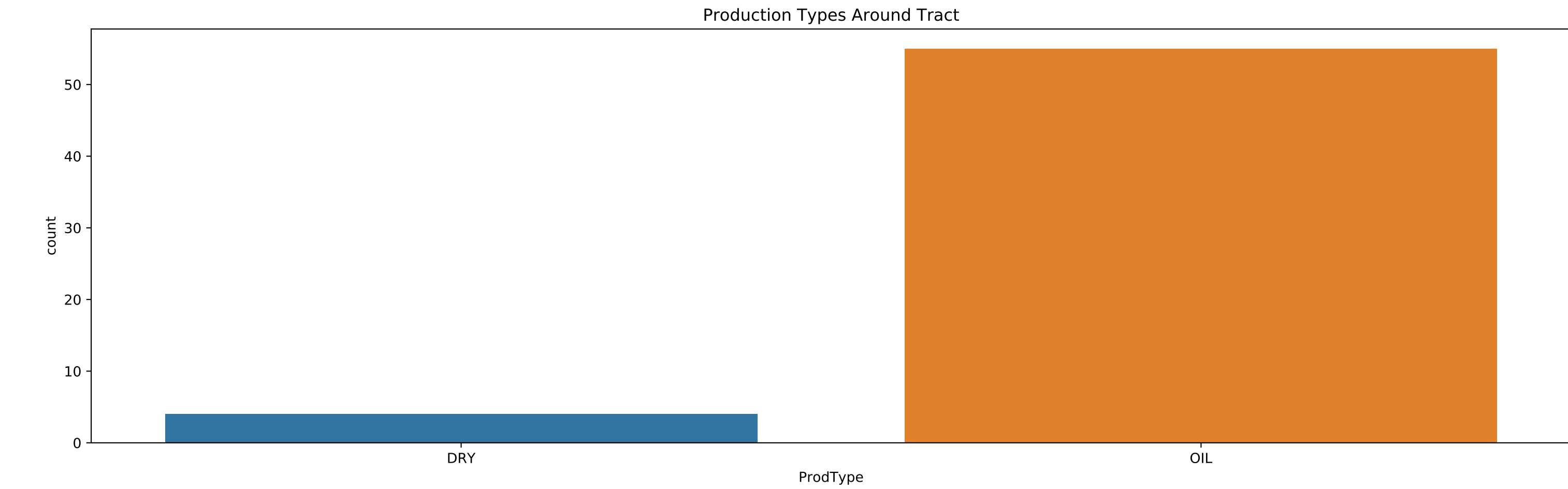
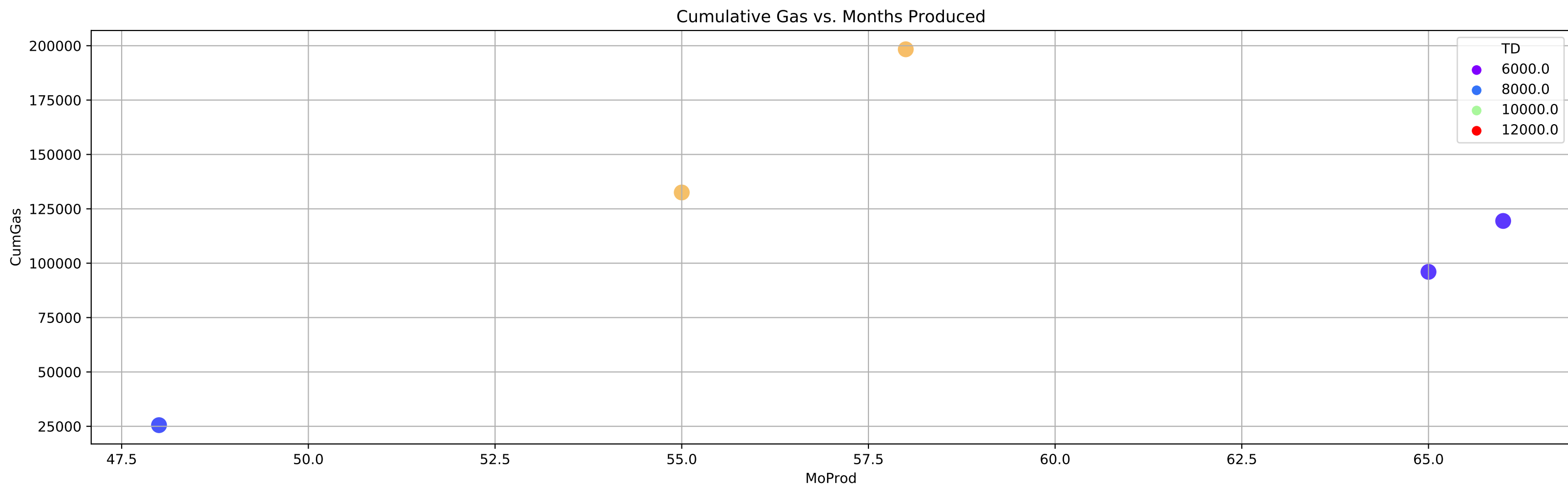
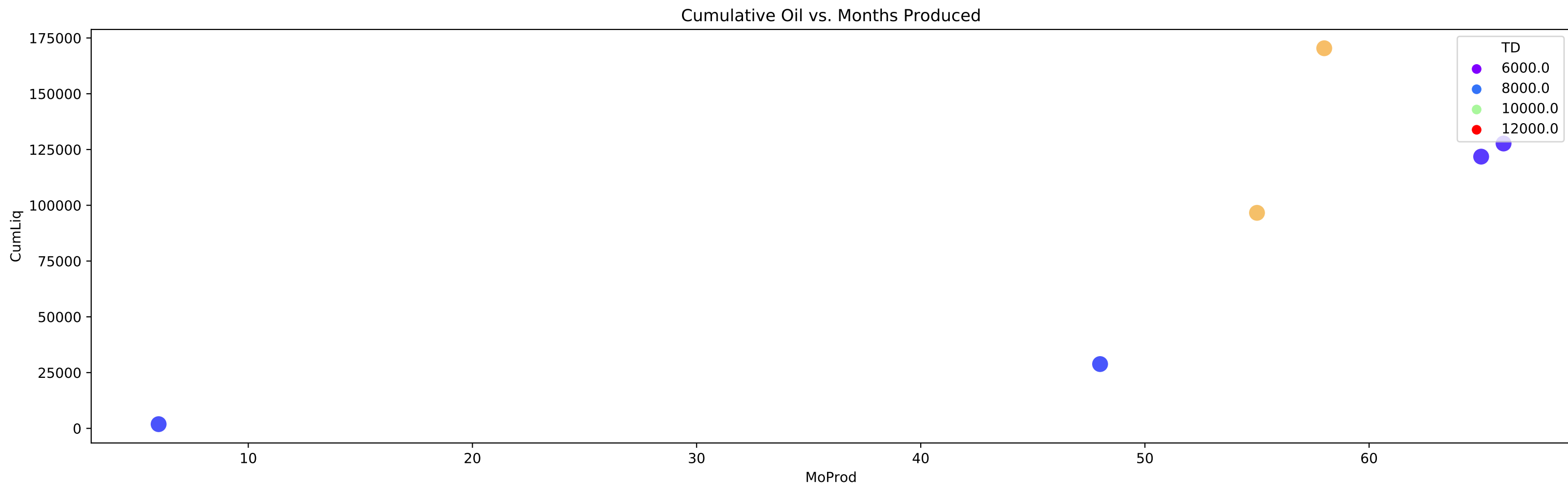


Lease Summary for tract 10  
Total Number of Leases: 5  
Average Price \$499/acre in 2020





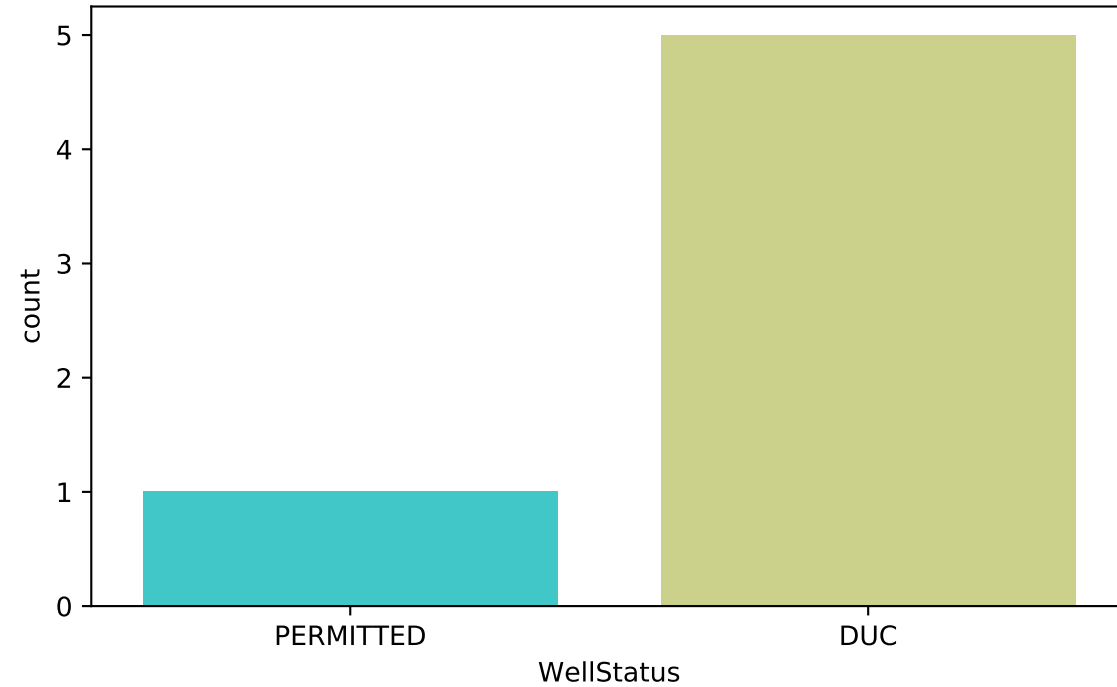
# Old Production Outside of Tract 10 - 3 Mi Radius



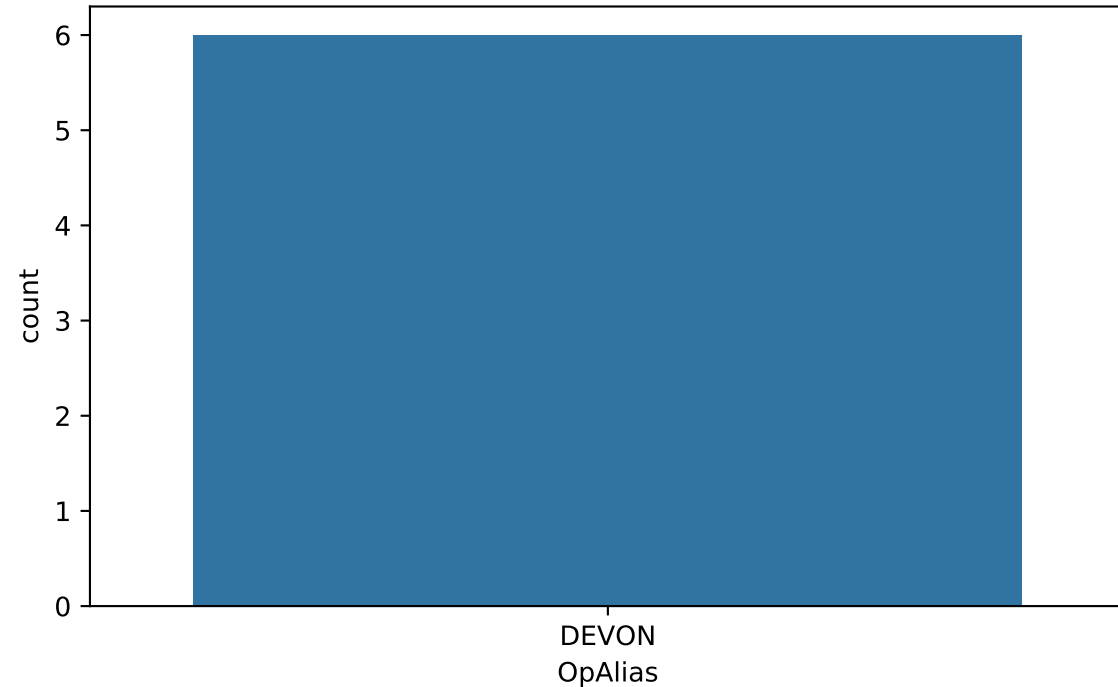
# Permit Summary for Tract 11

Total permits: 6

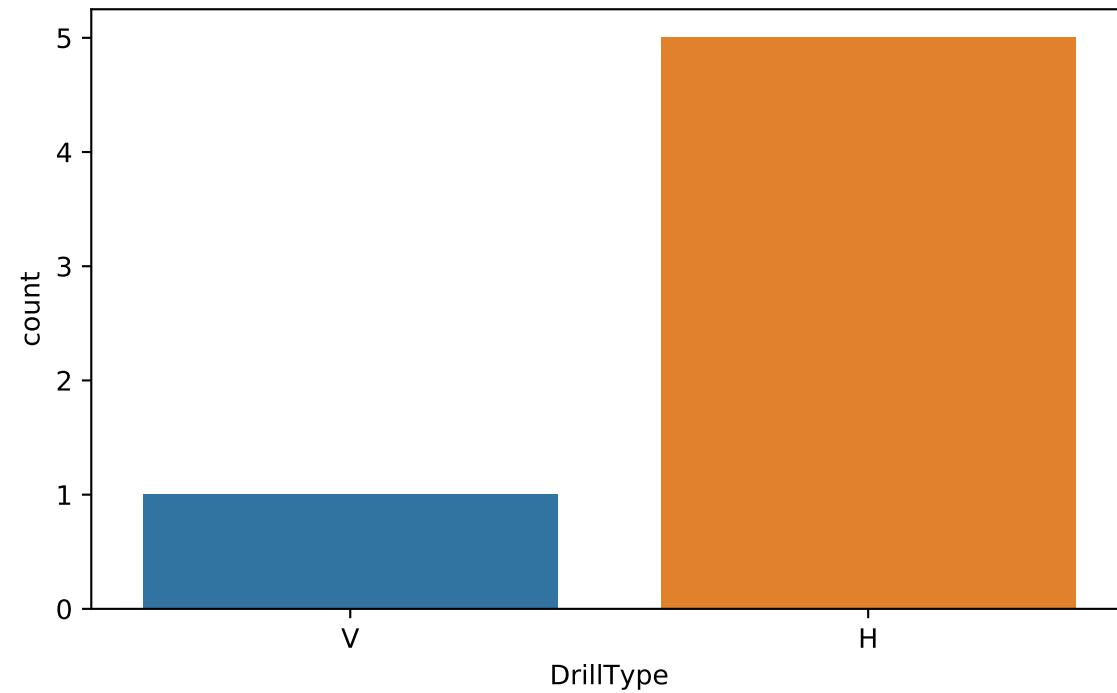
## Permits by Well Status



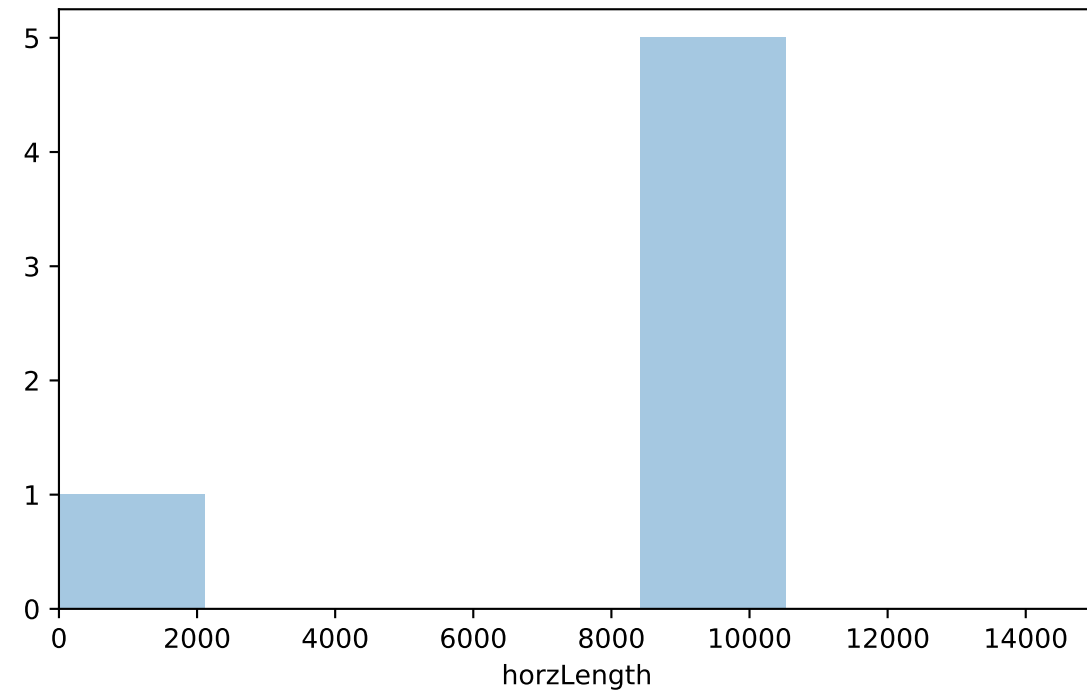
## Permits by Operator



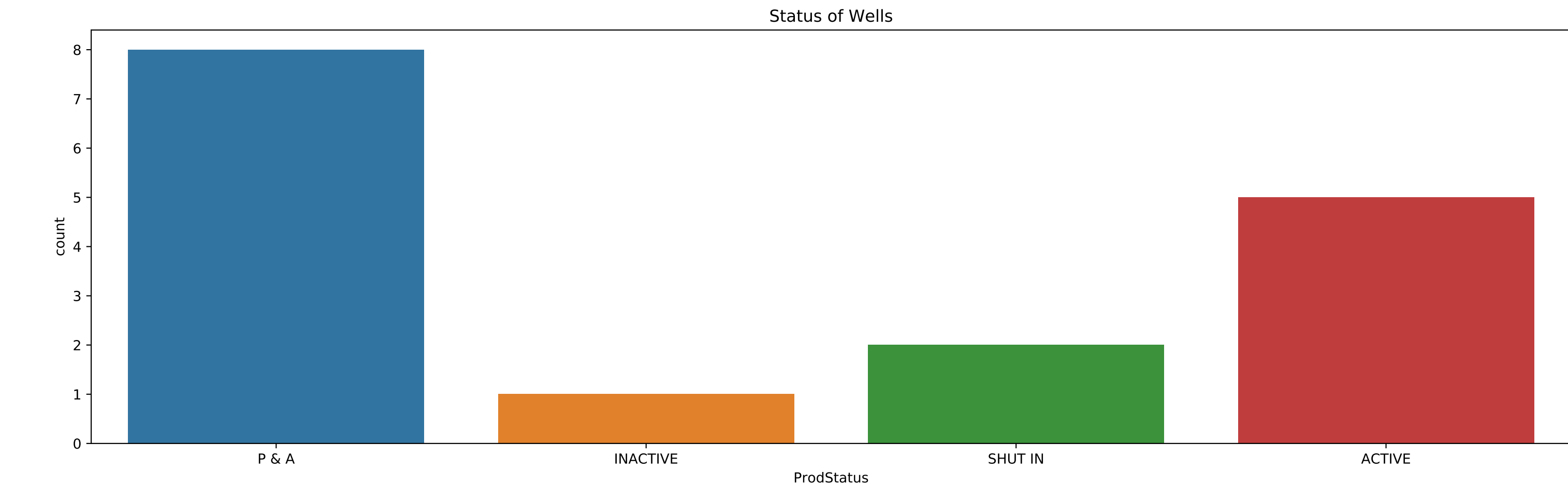
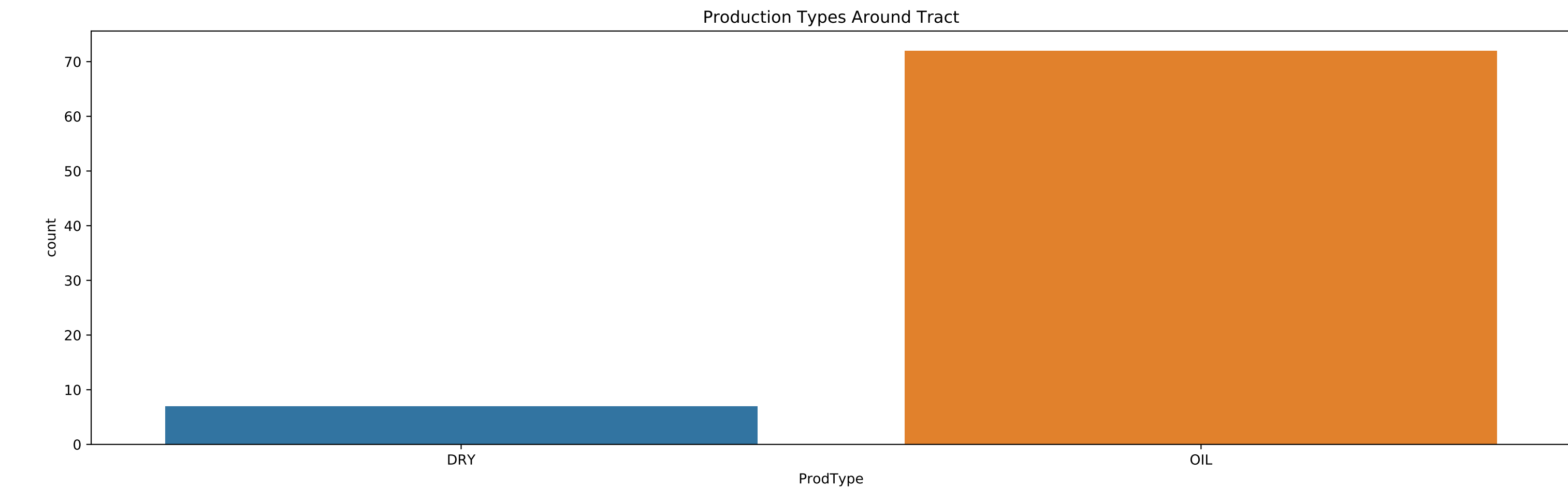
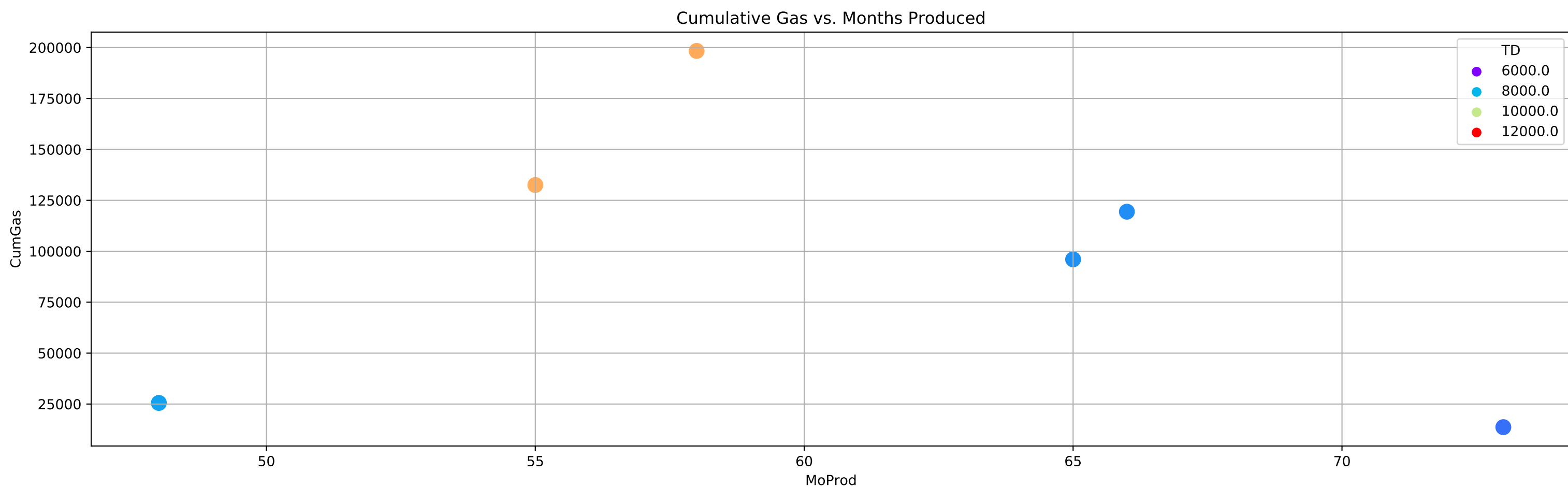
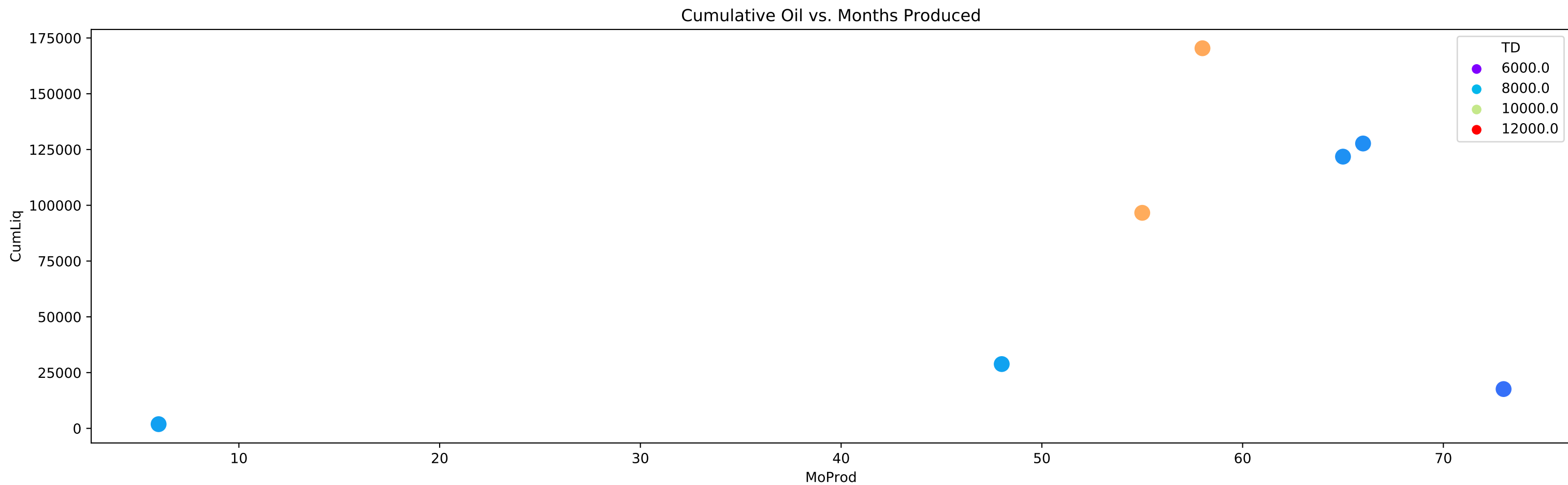
## Permits by Well Type (H,D,V)



## Permit Horizontal Lengths - Binned



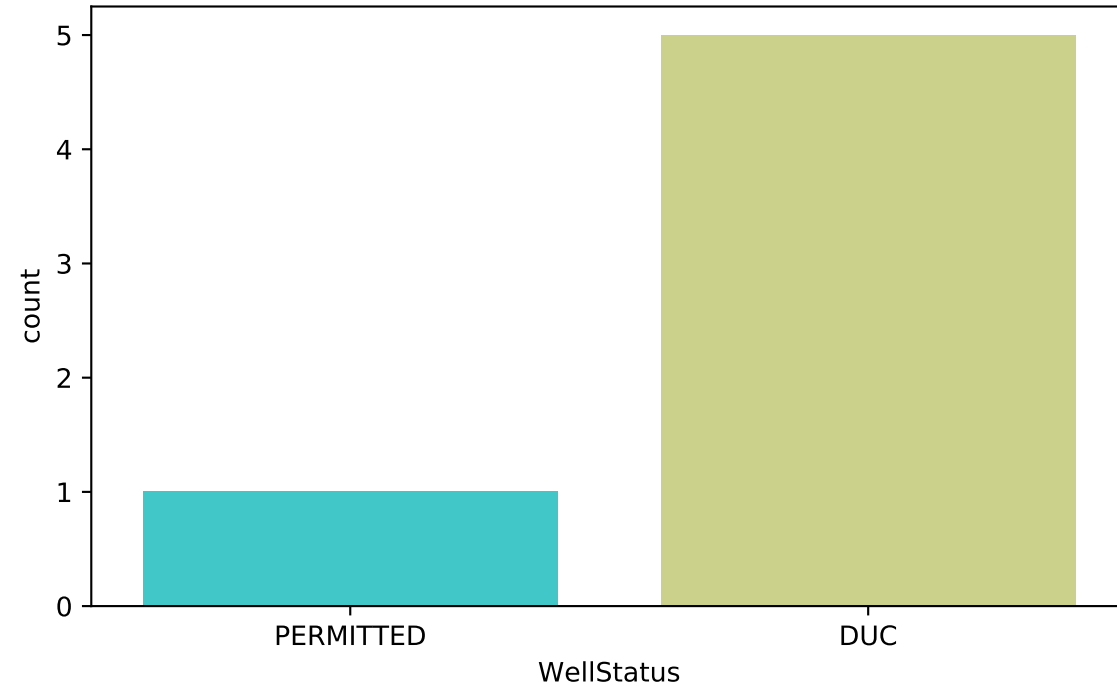
# Old Production Outside of Tract 11 - 3 Mi Radius



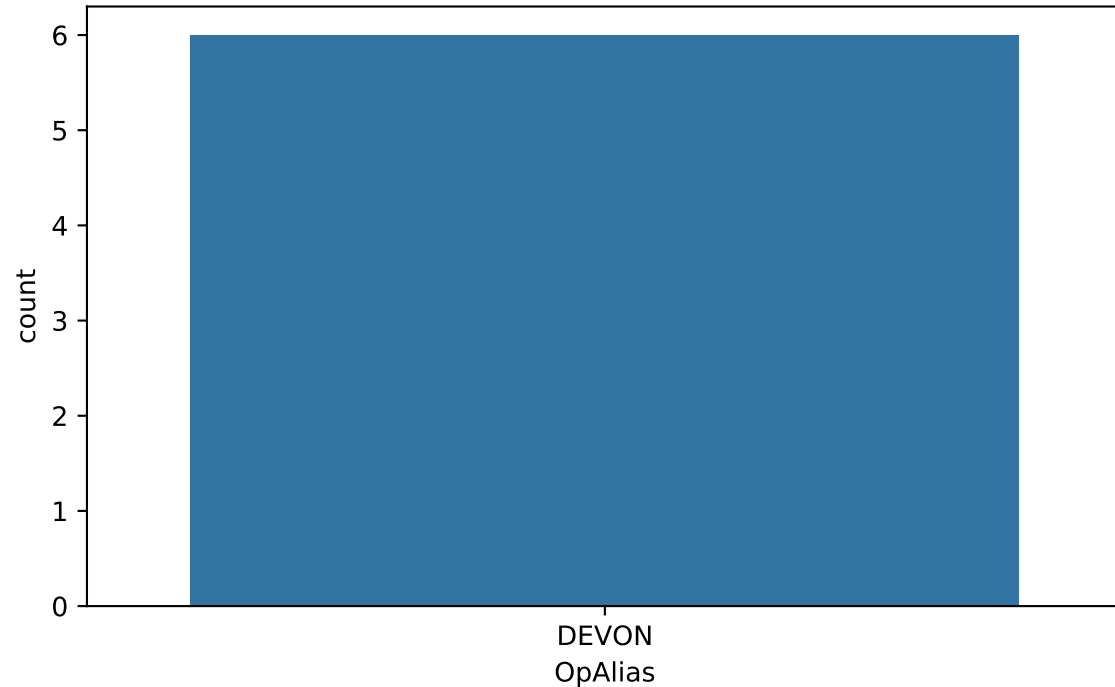
# Permit Summary for Tract 124

Total permits: 6

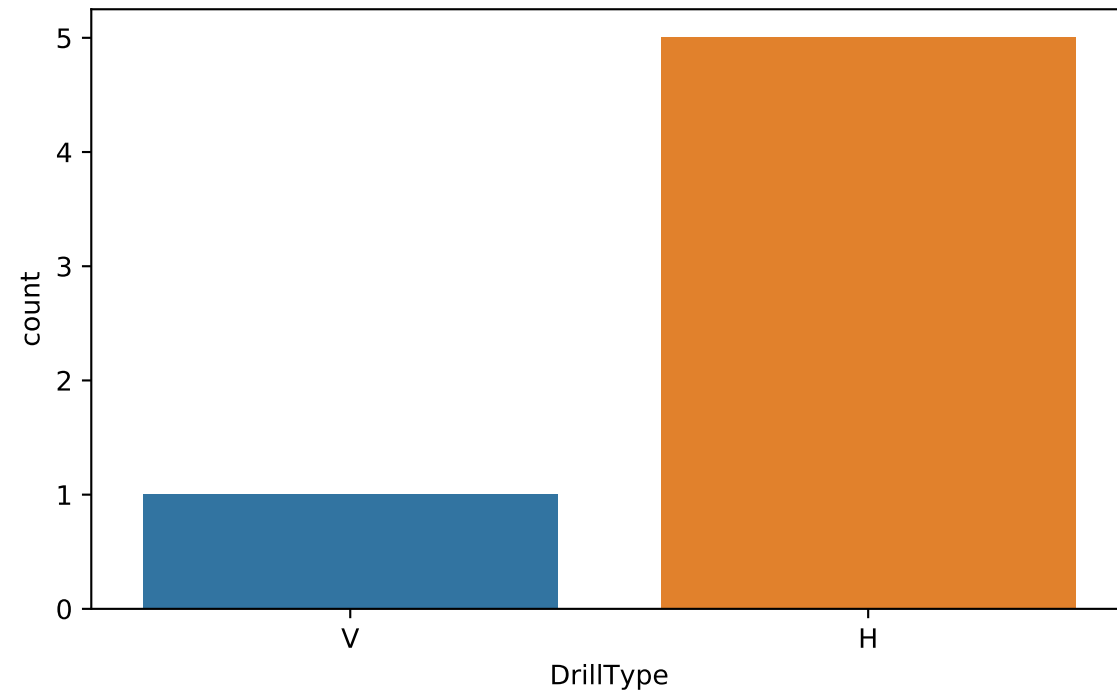
## Permits by Well Status



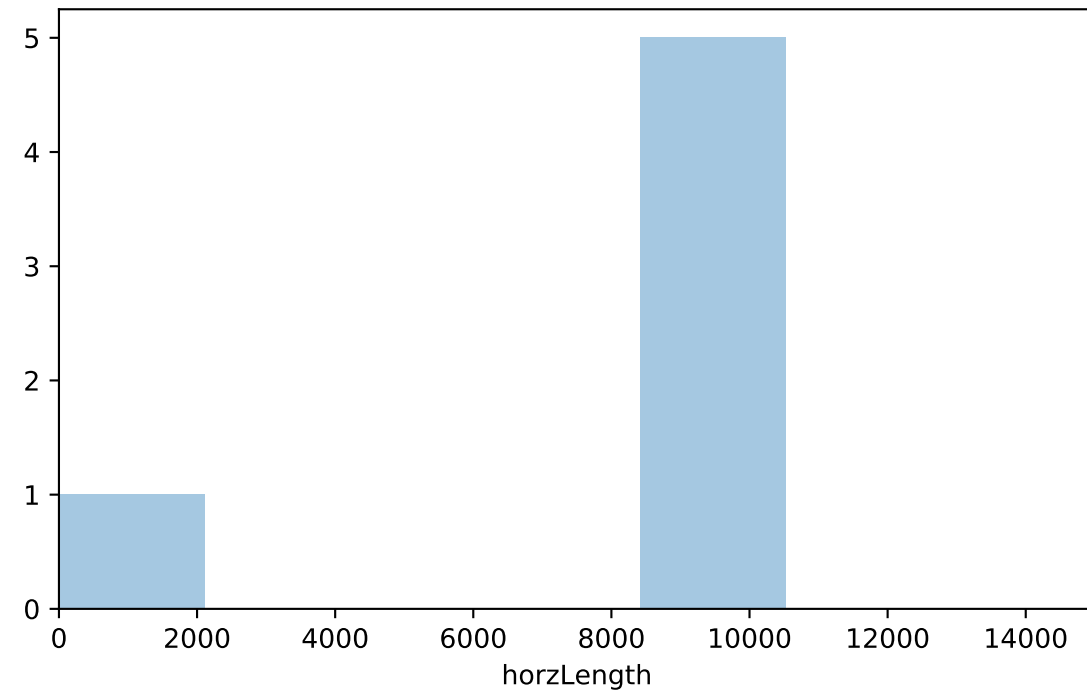
## Permits by Operator



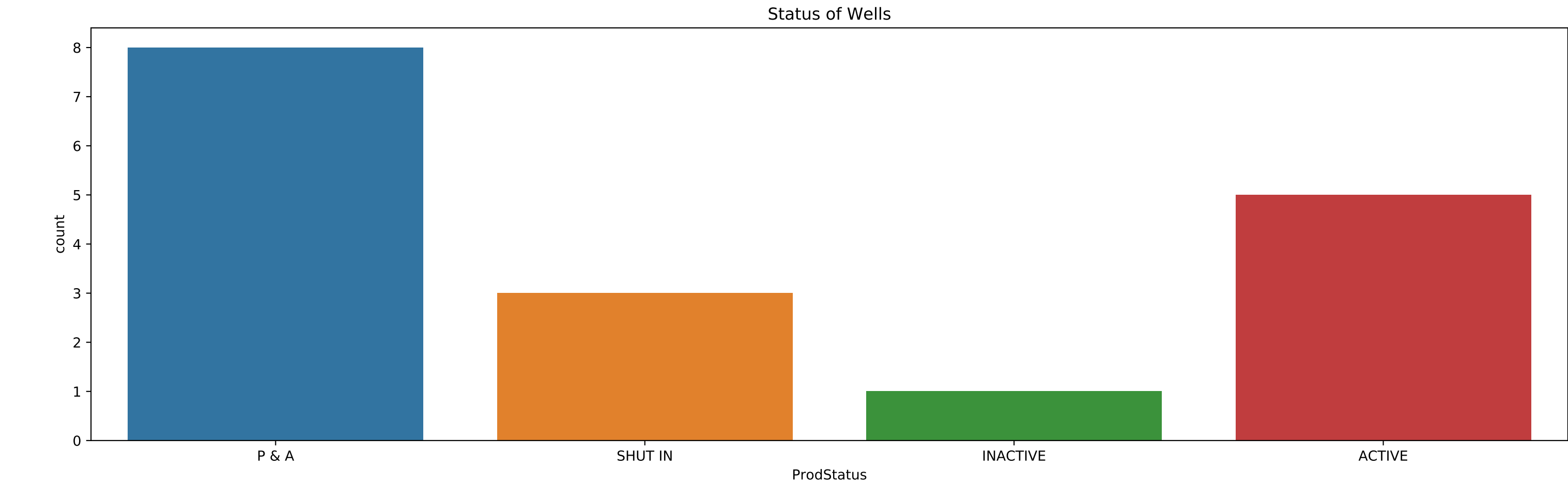
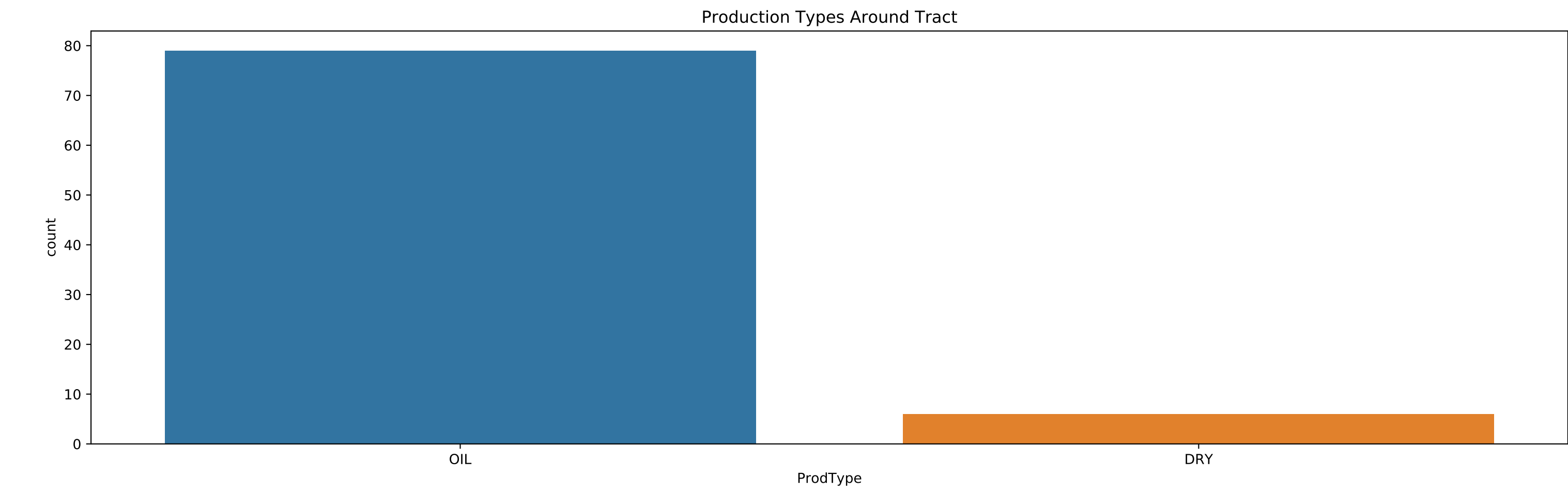
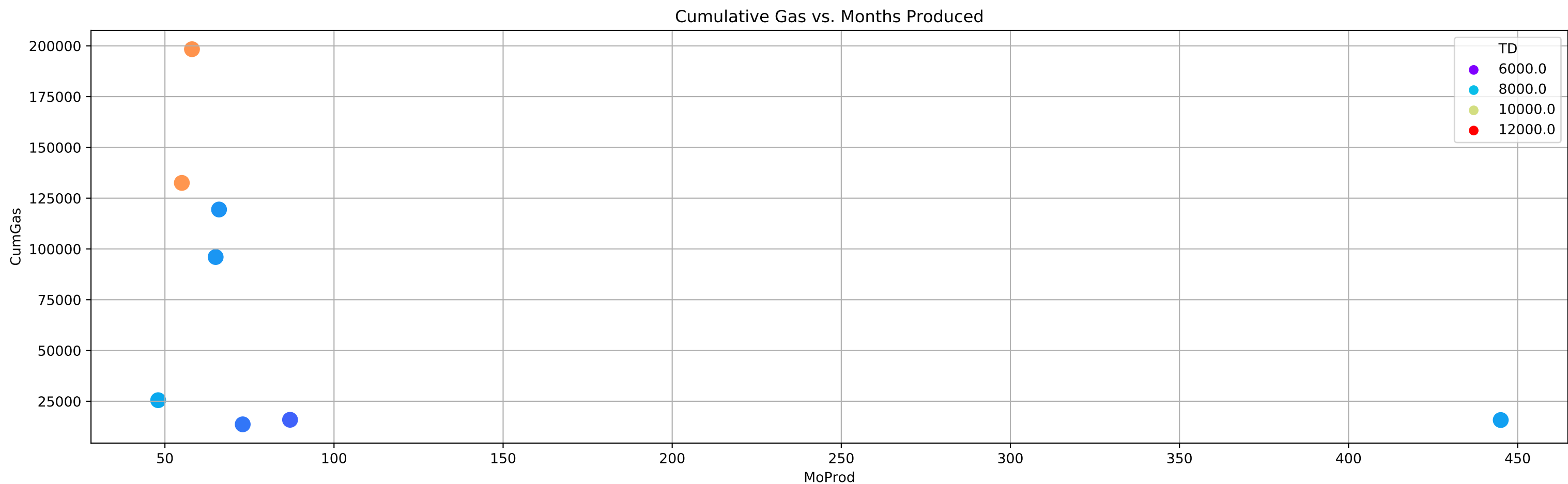
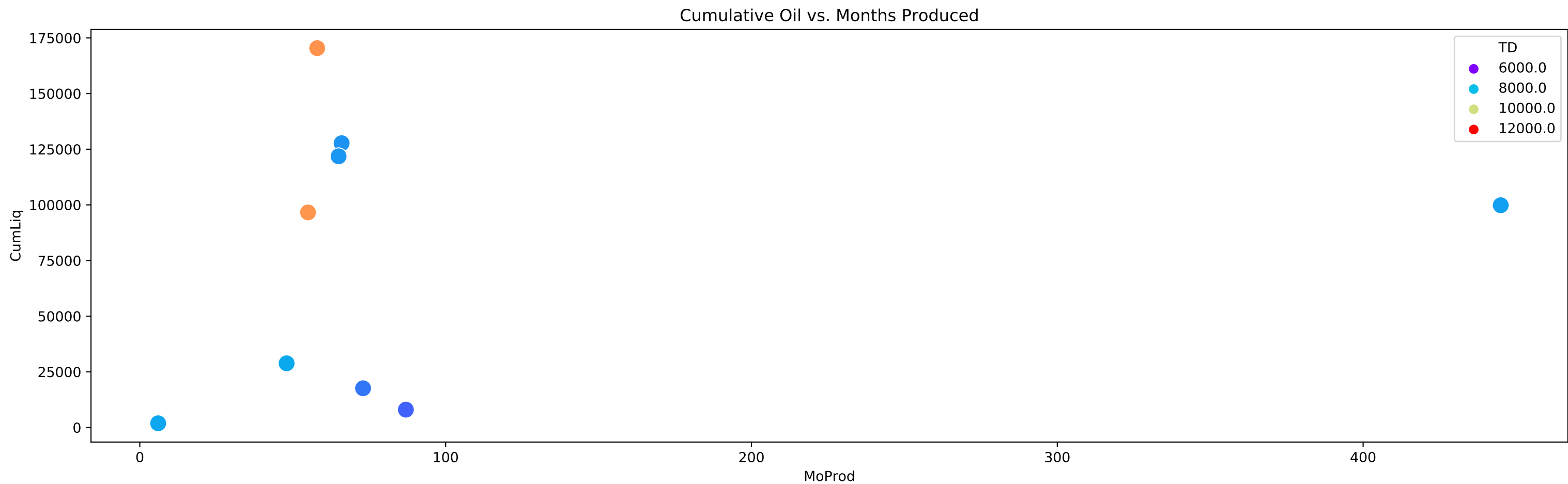
## Permits by Well Type (H,D,V)



## Permit Horizontal Lengths - Binned



Old Production Outside of Tract 124 - 3 Mi Radius



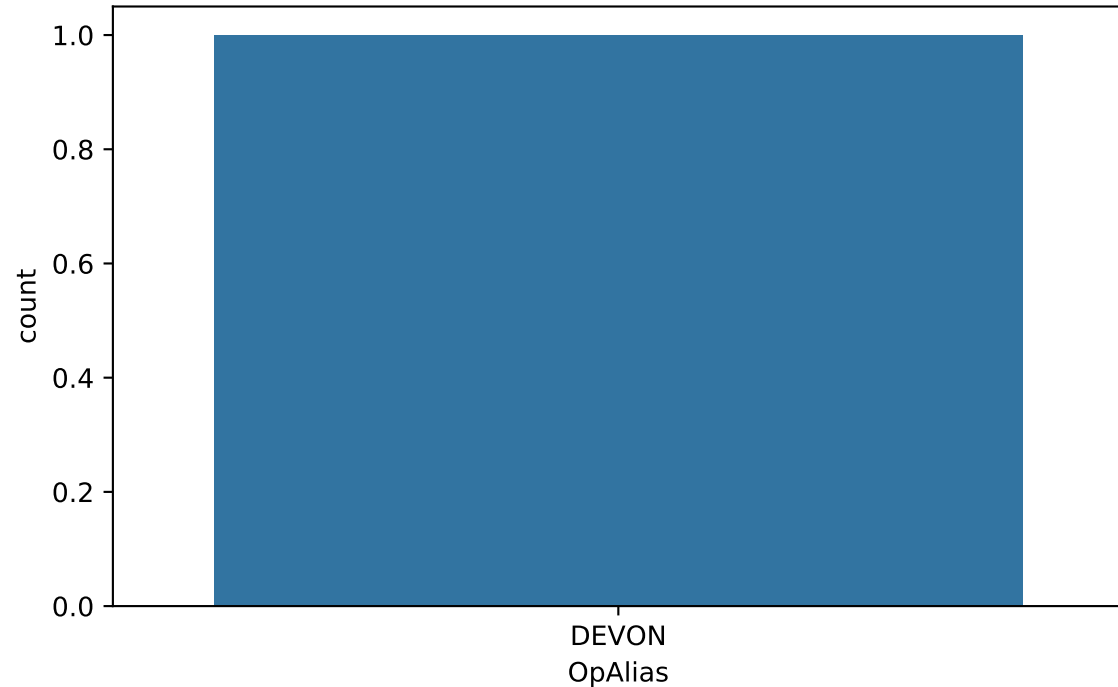
# Permit Summary for Tract 12

Total permits: 1

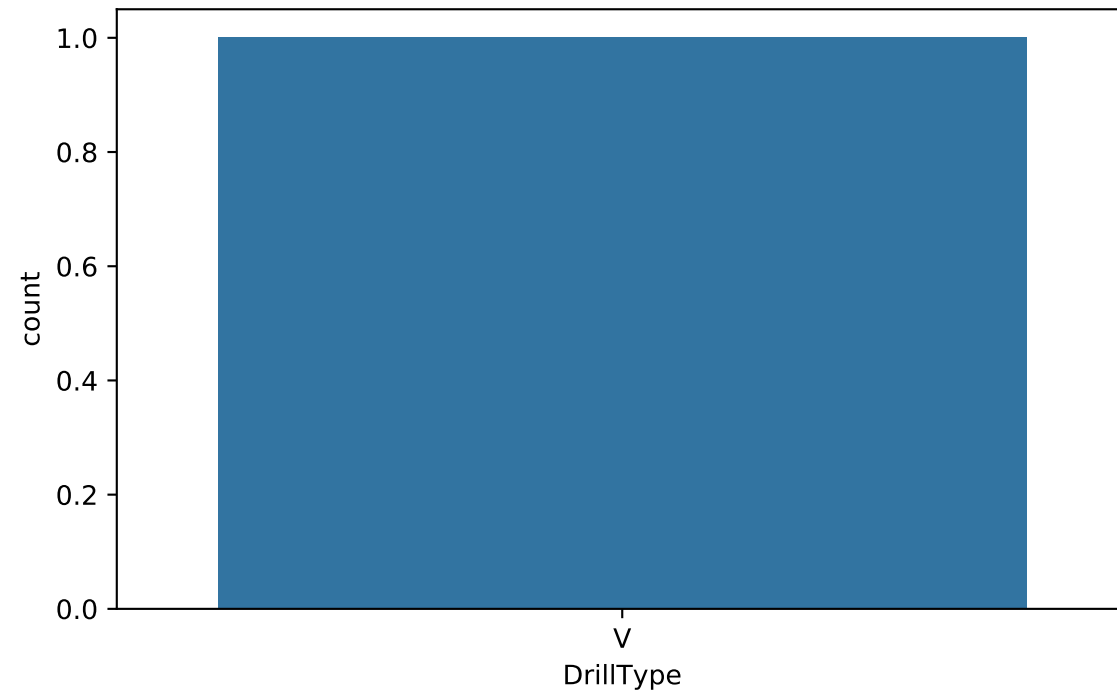
## Permits by Well Status



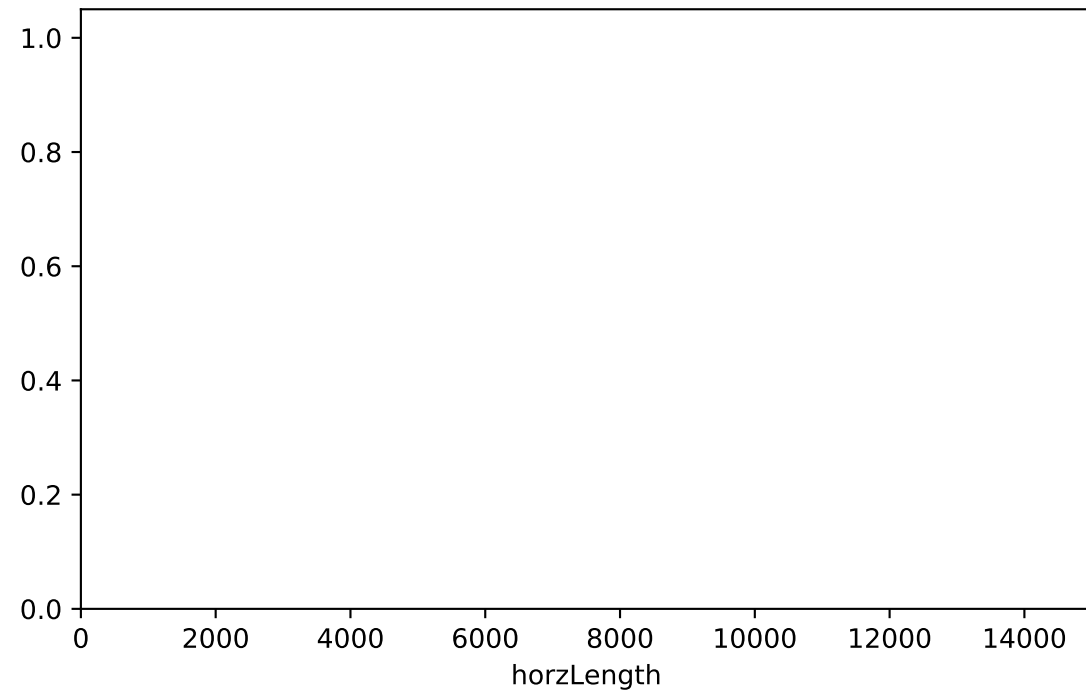
## Permits by Operator



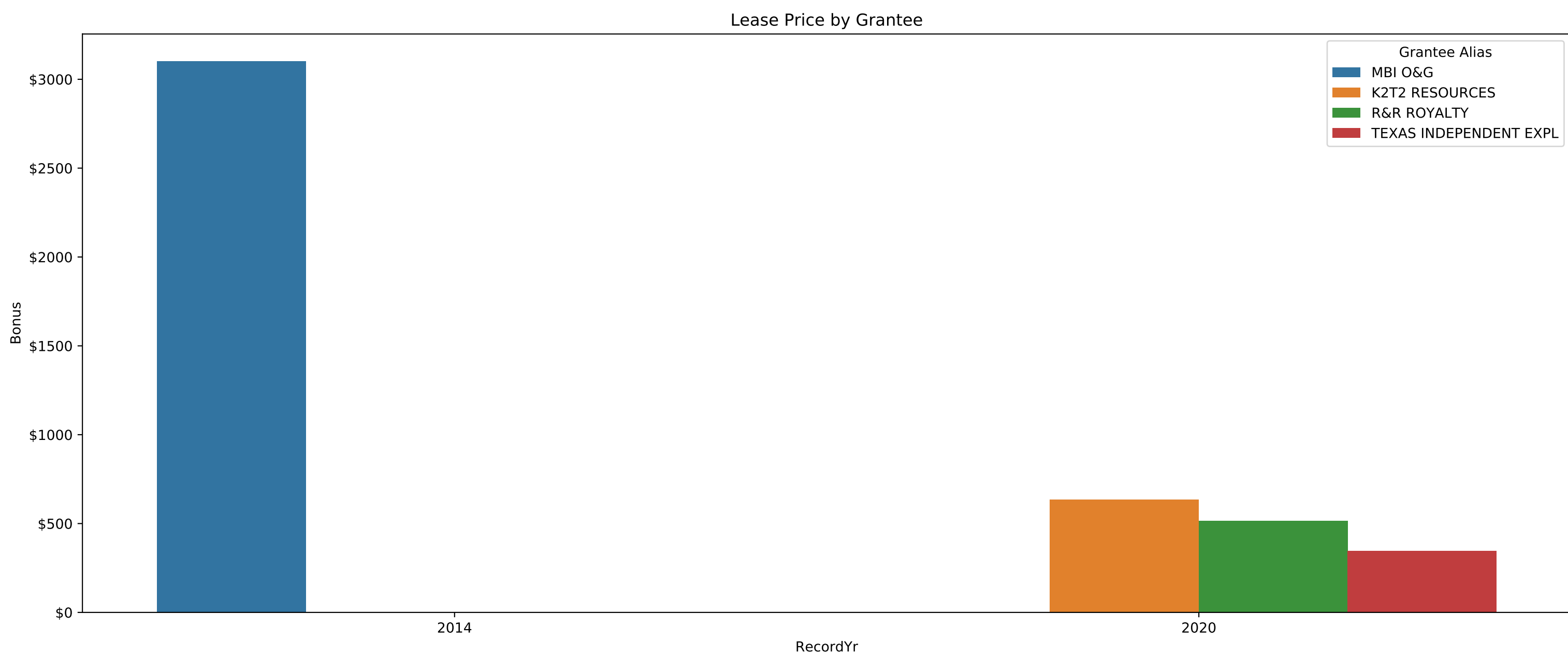
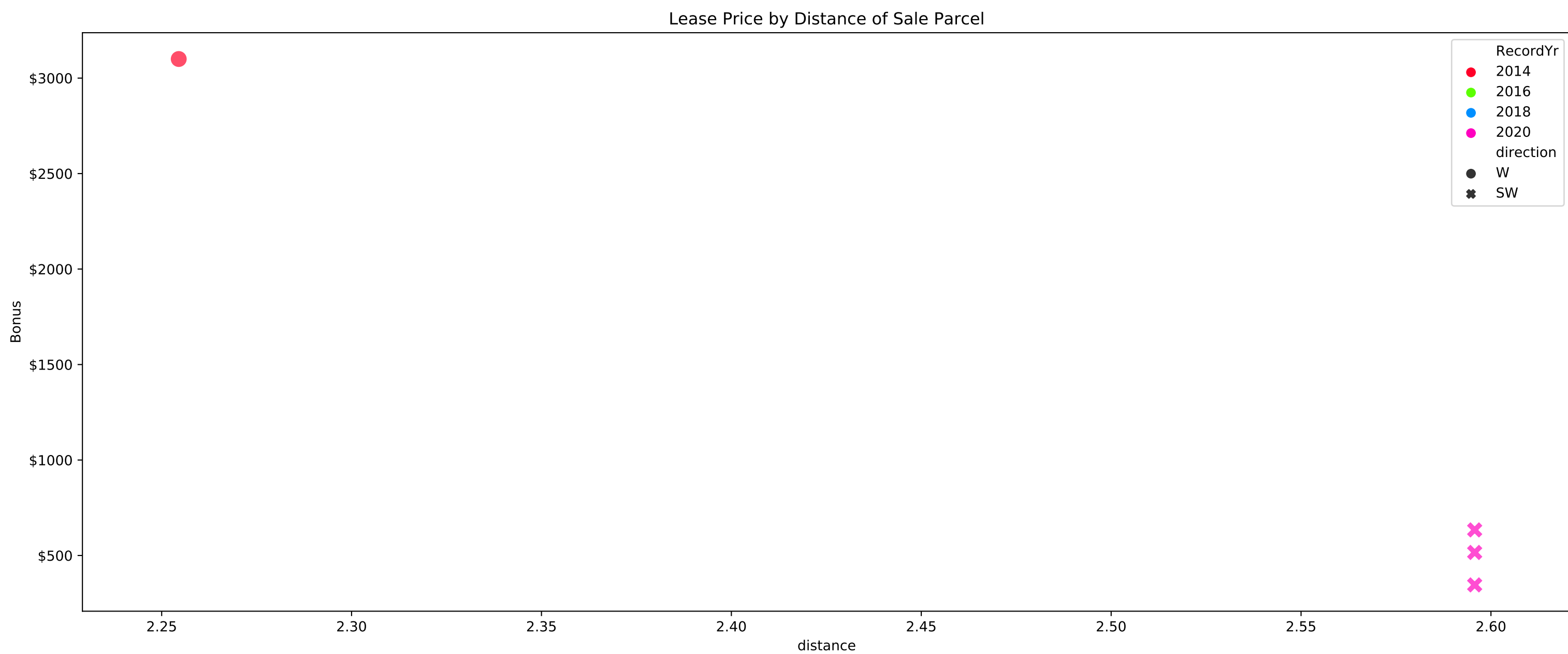
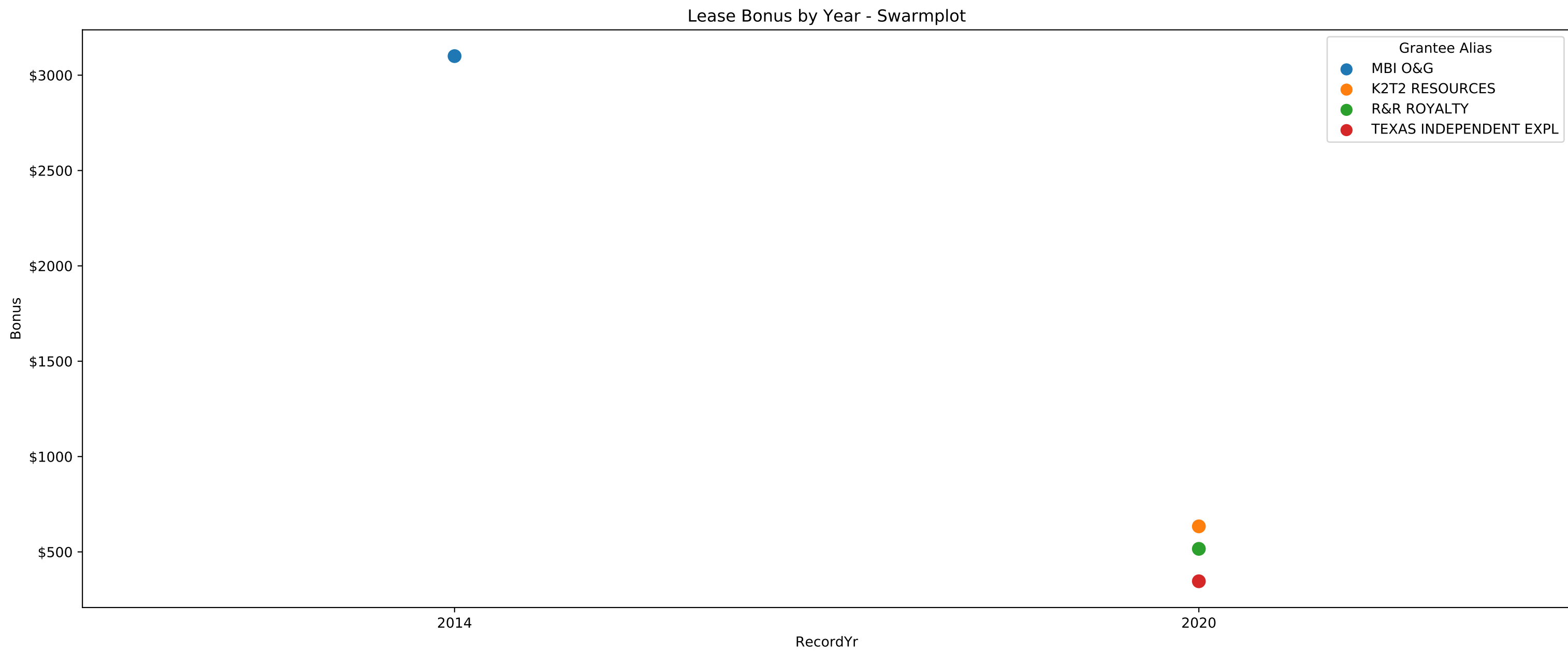
## Permits by Well Type (H,D,V)



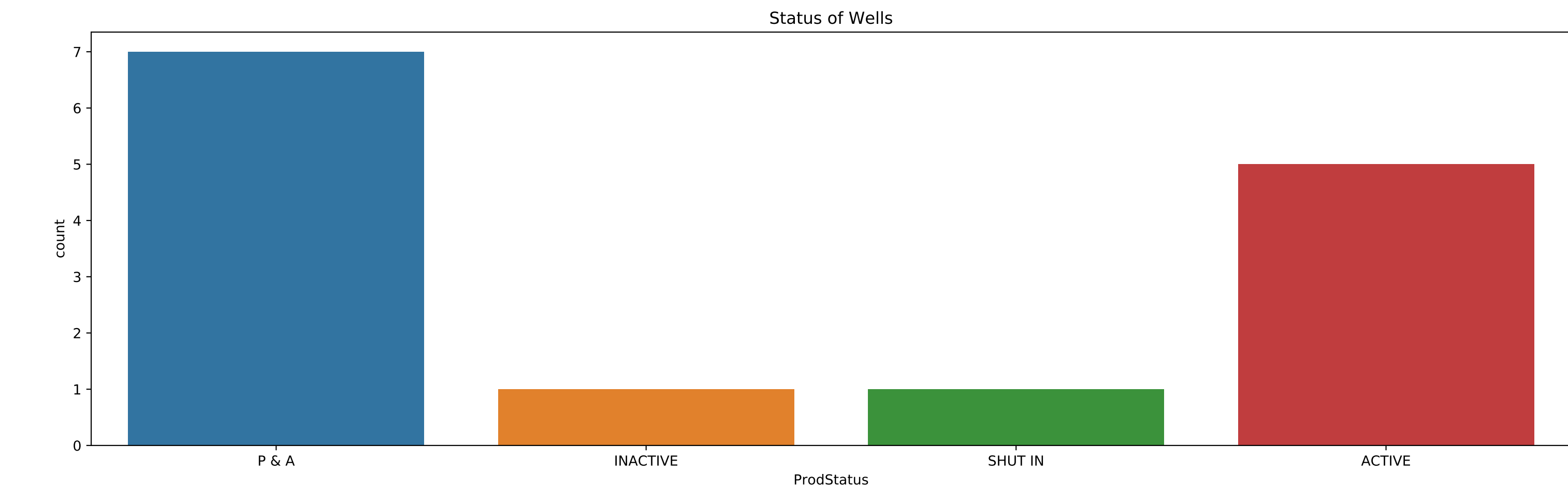
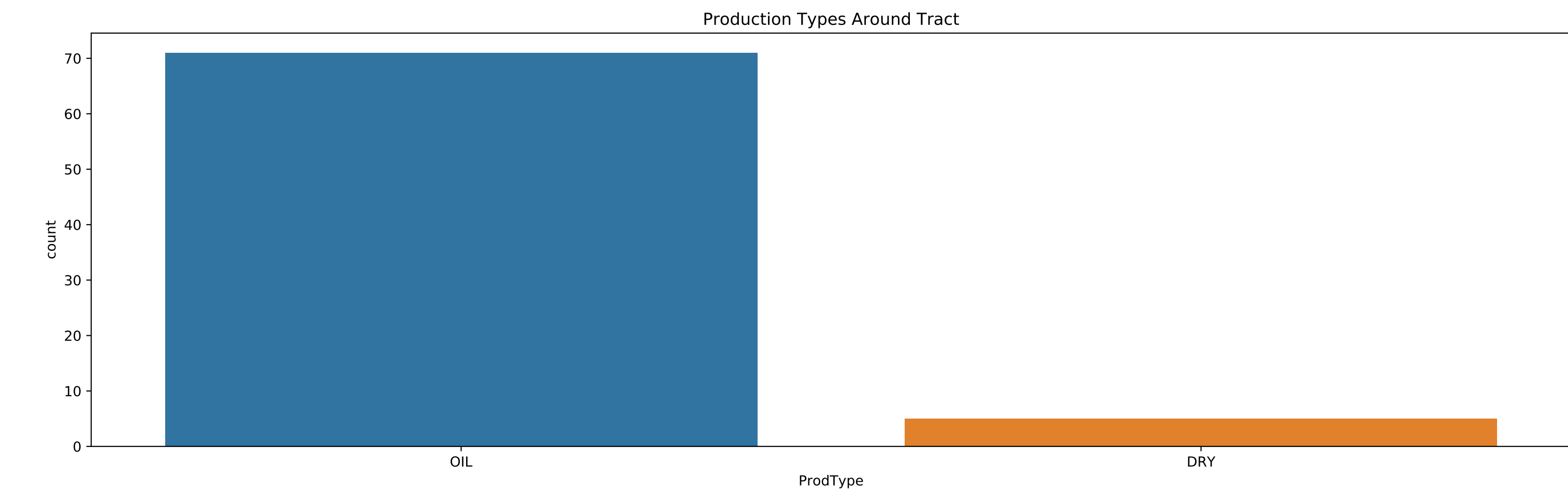
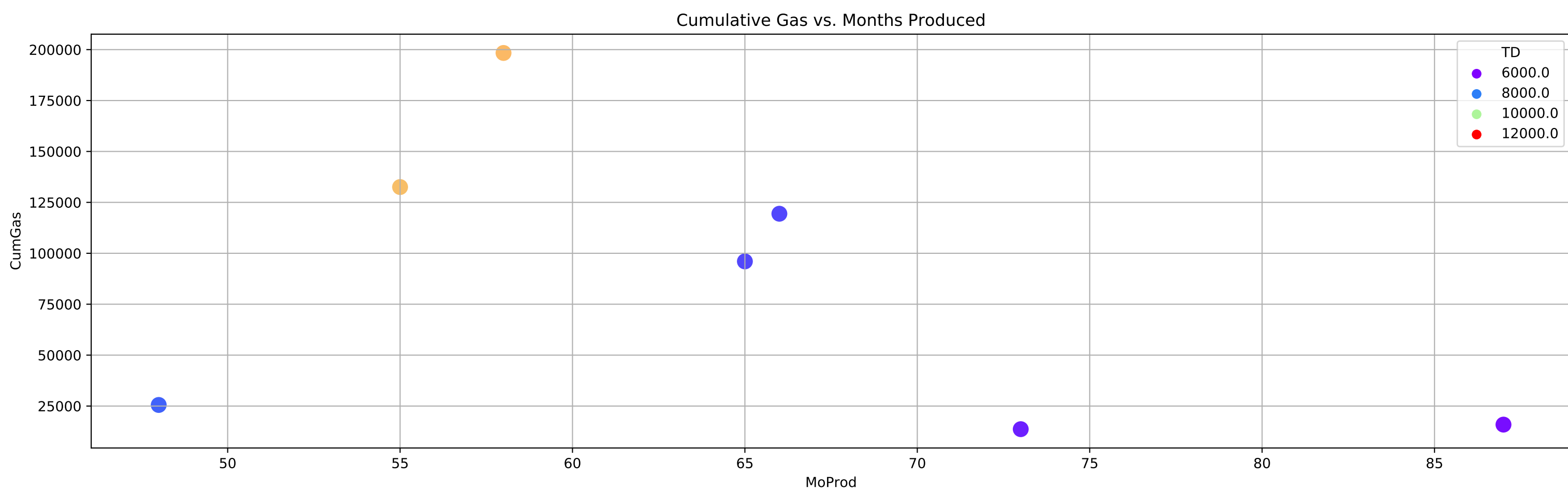
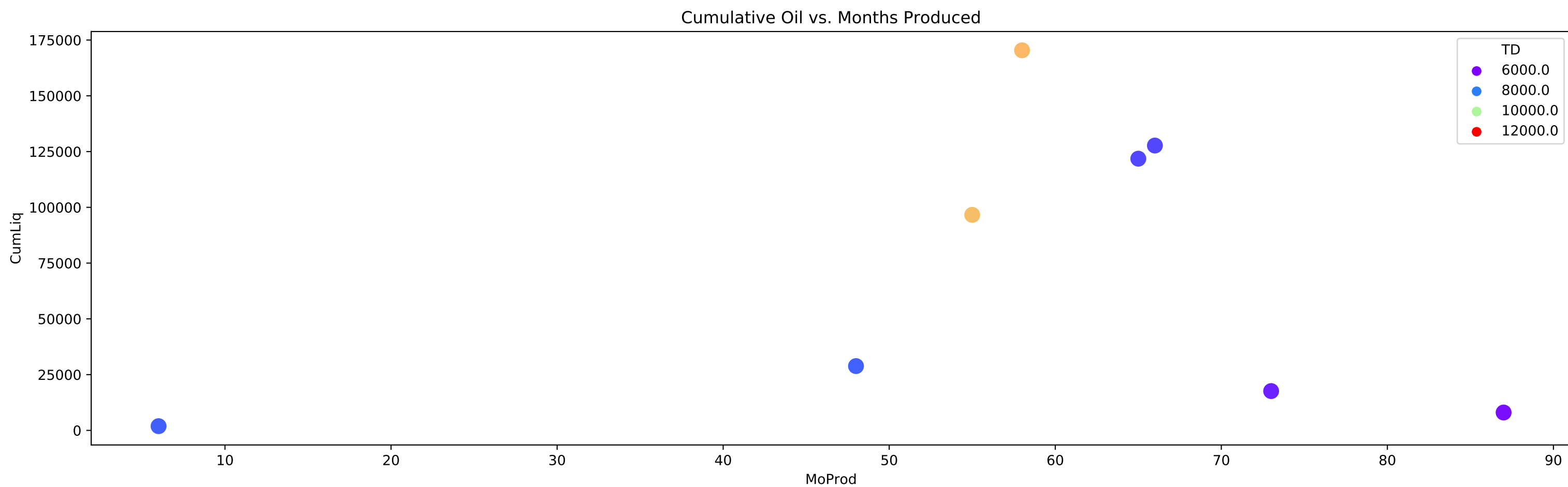
## Permit Horizontal Lengths - Binned



Lease Summary for tract 12  
Total Number of Leases: 4  
Average Price \$499/acre in 2020



# Old Production Outside of Tract 12 - 3 Mi Radius





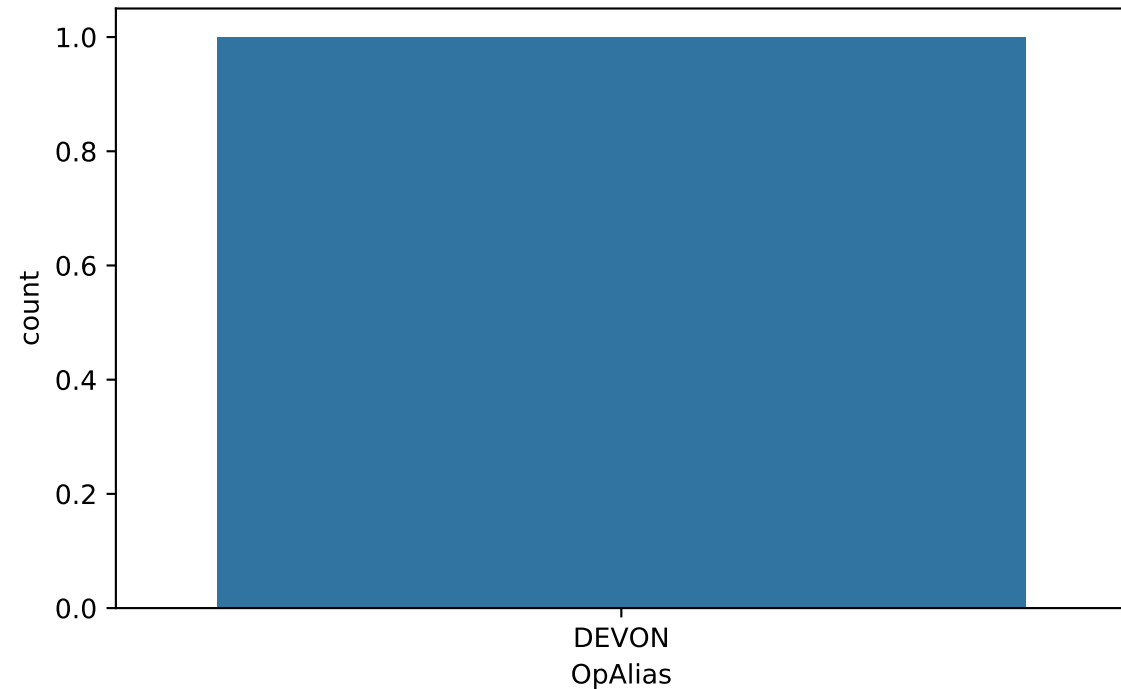
# Permit Summary for Tract 125

Total permits: 1

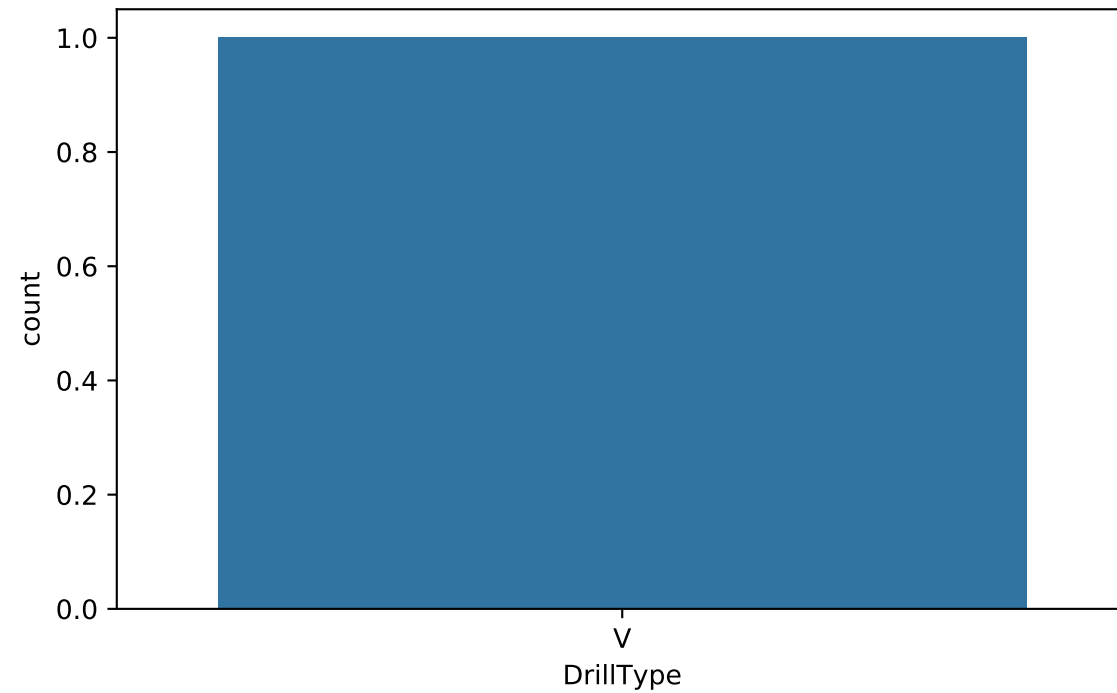
Permits by Well Status



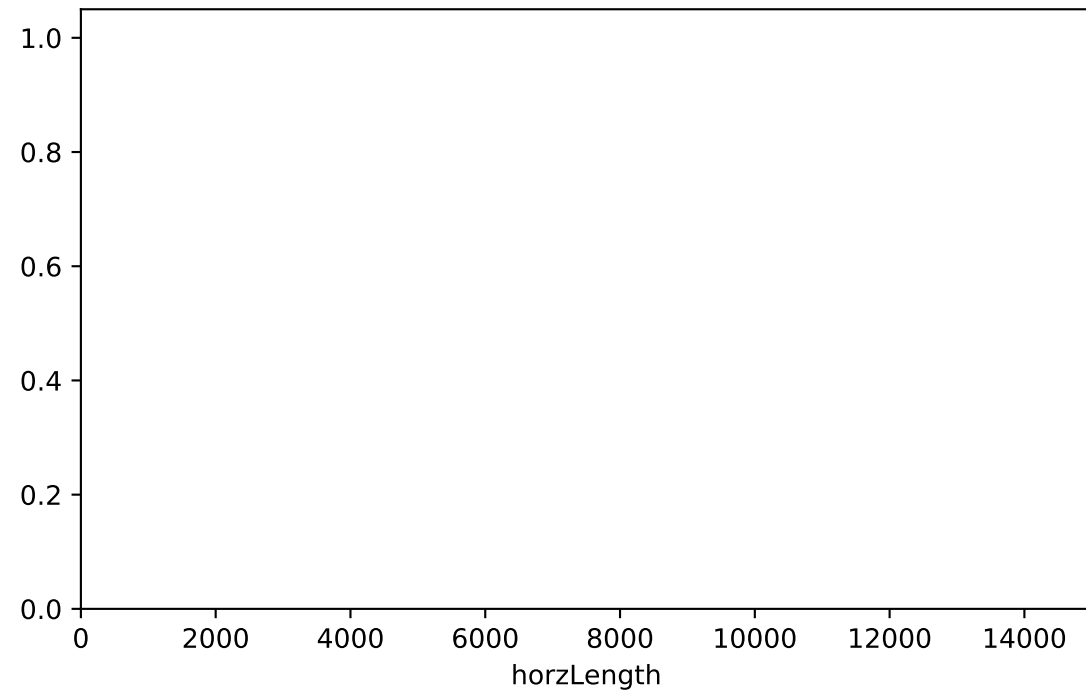
Permits by Operator



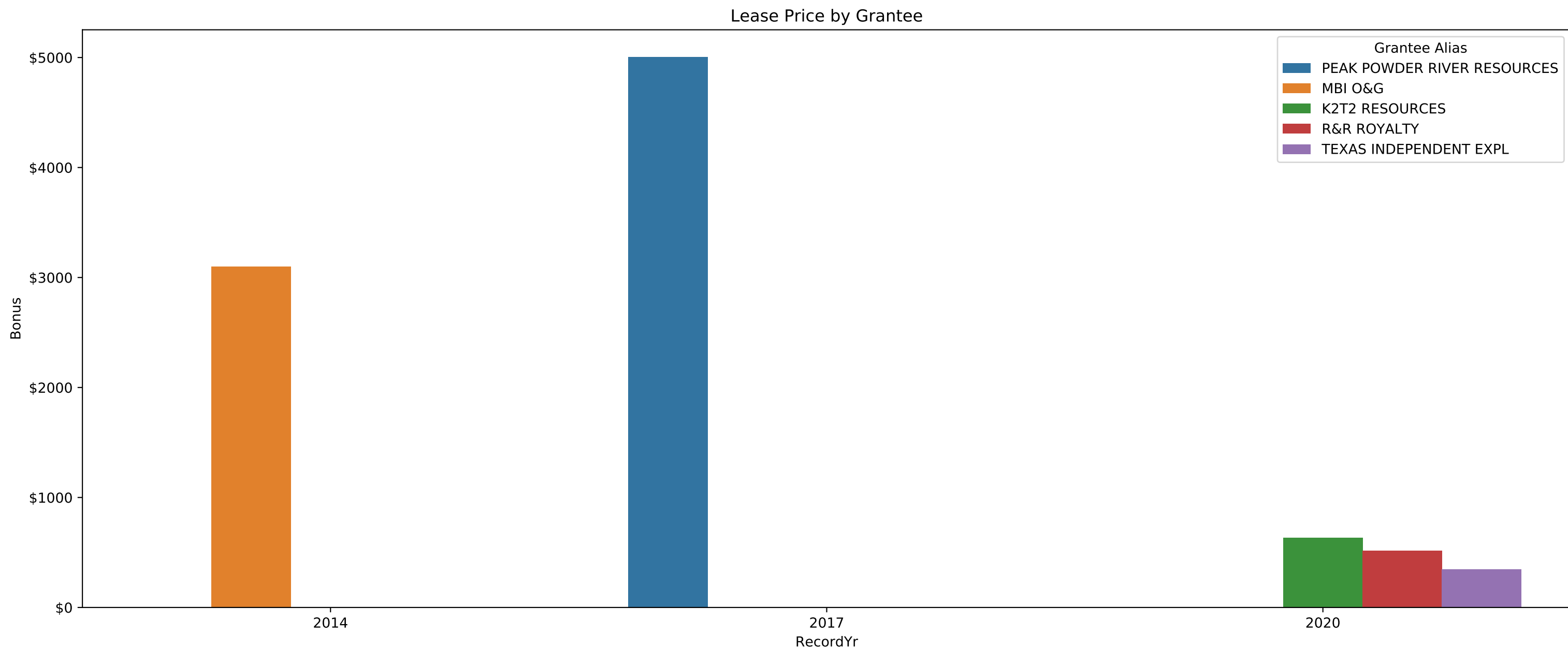
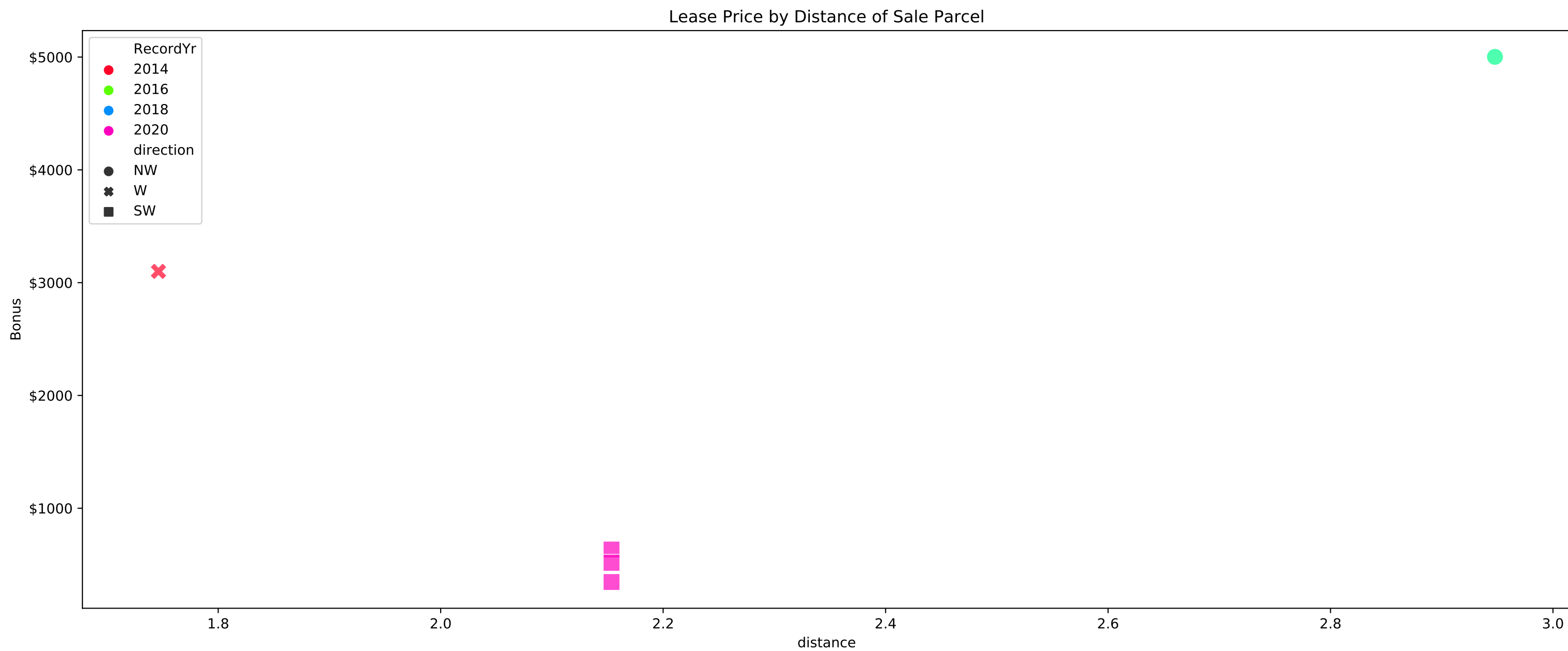
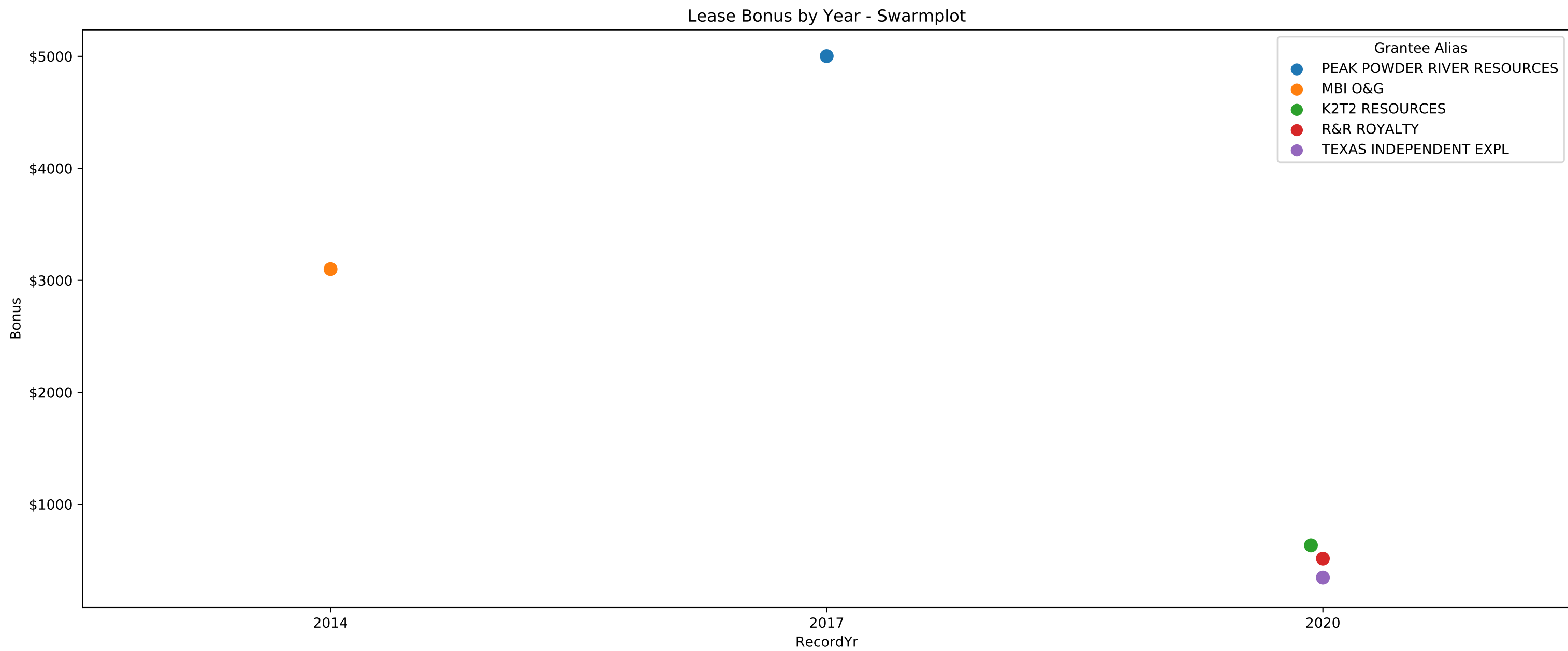
Permits by Well Type (H,D,V)



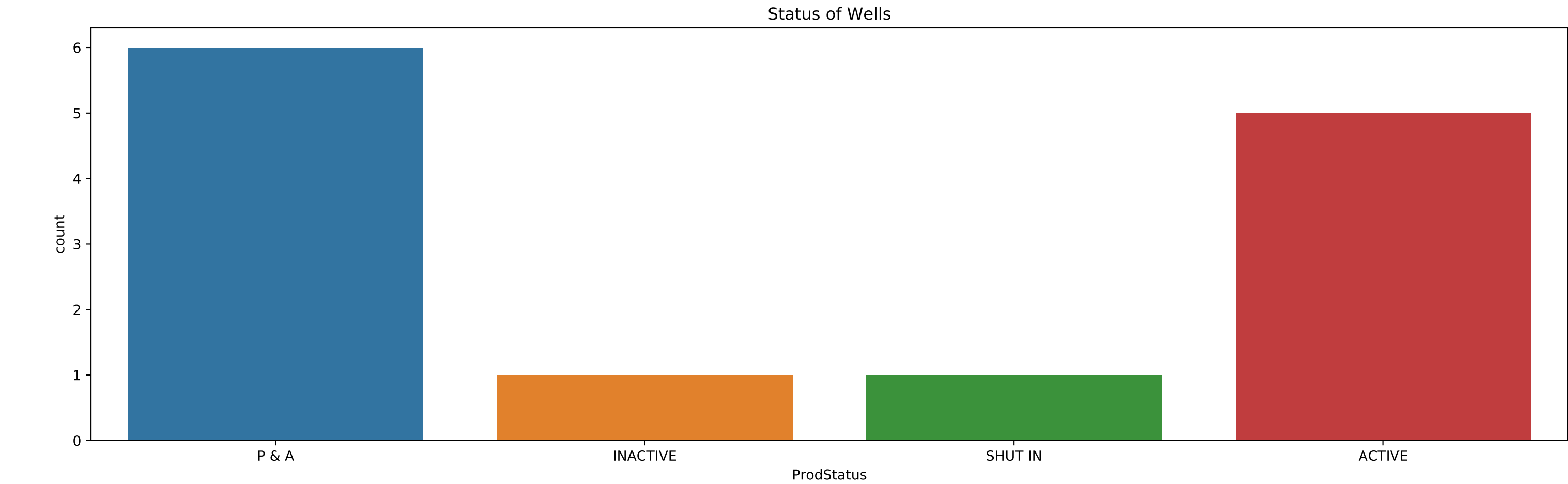
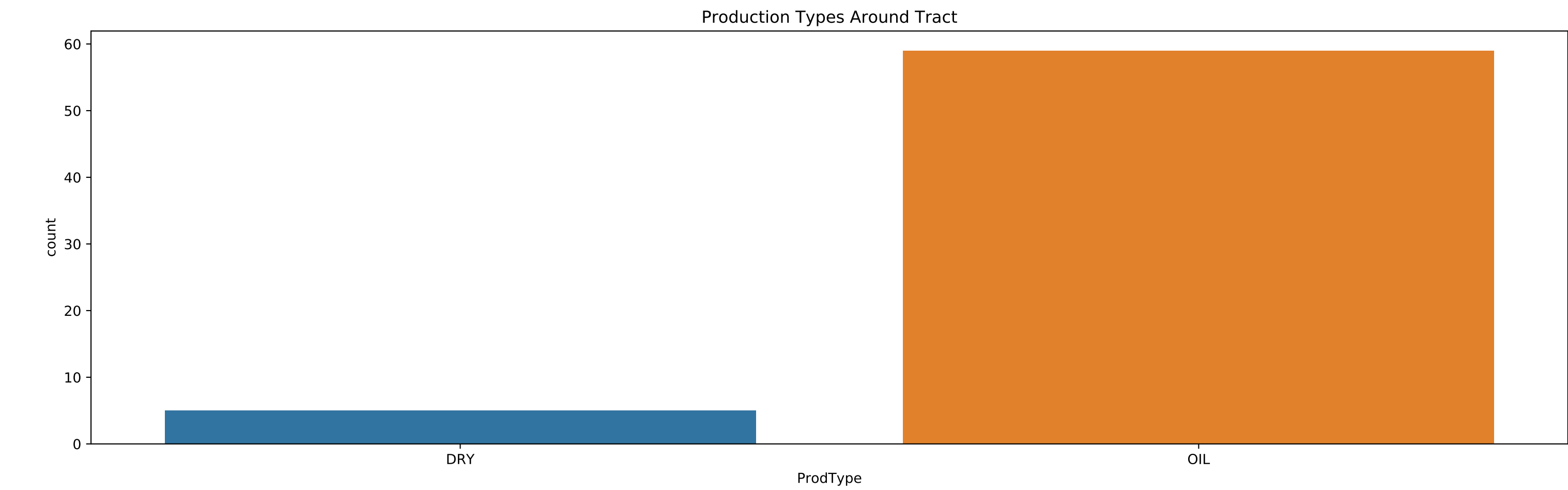
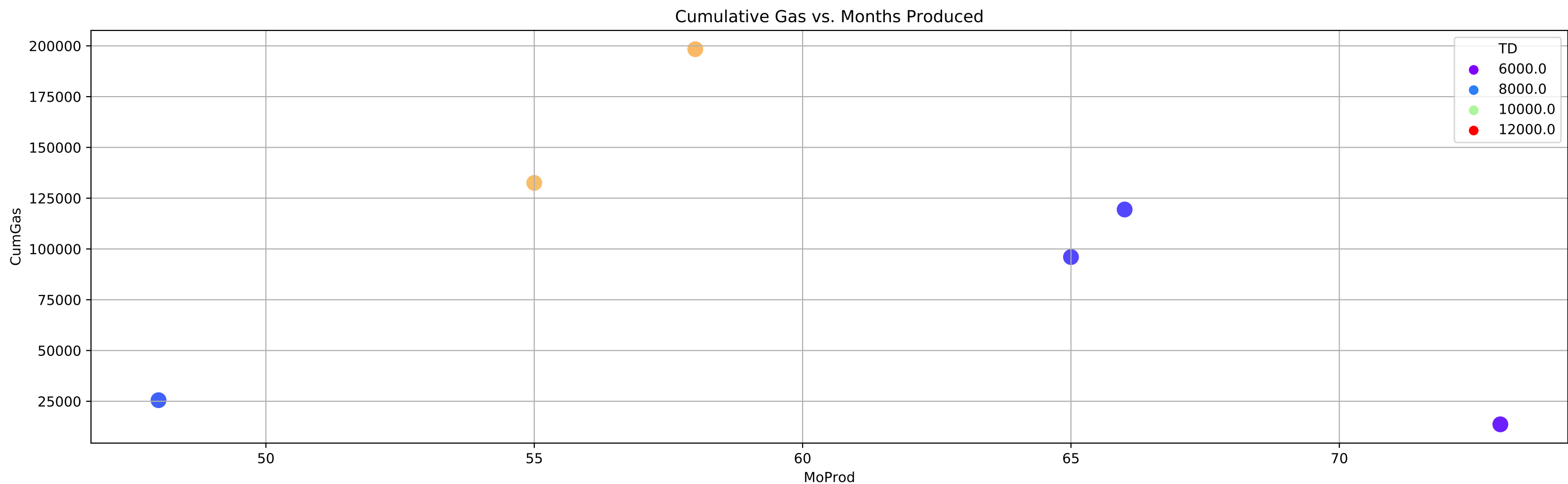
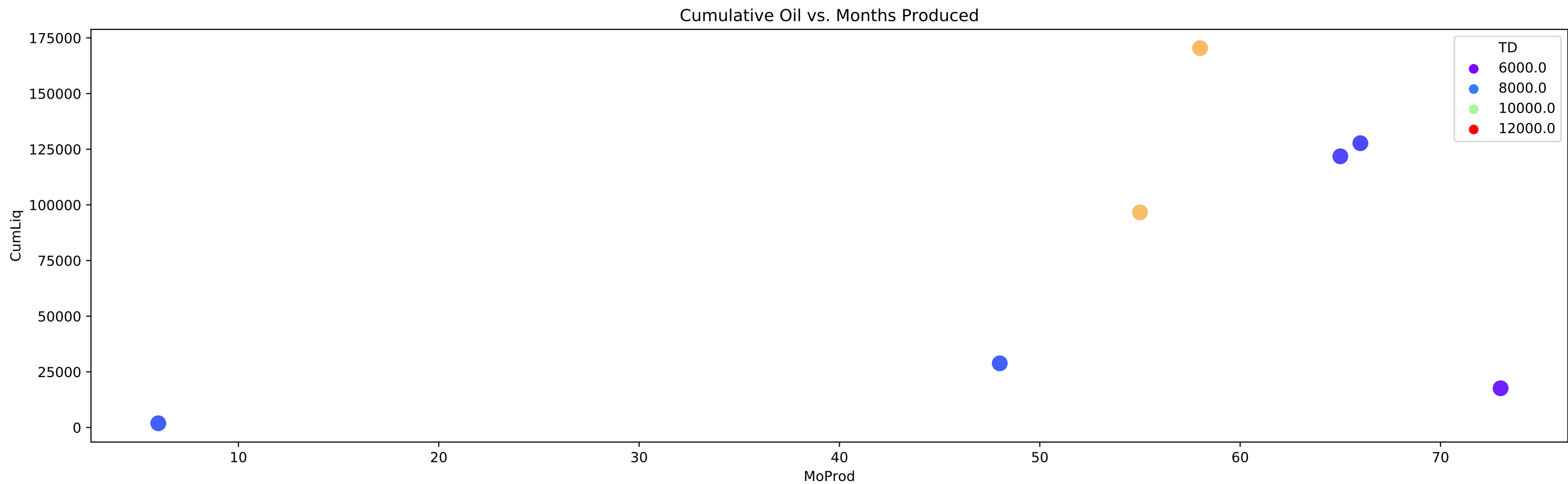
Permit Horizontal Lengths - Binned



Lease Summary for tract 125  
Total Number of Leases: 5  
Average Price \$499/acre in 2020



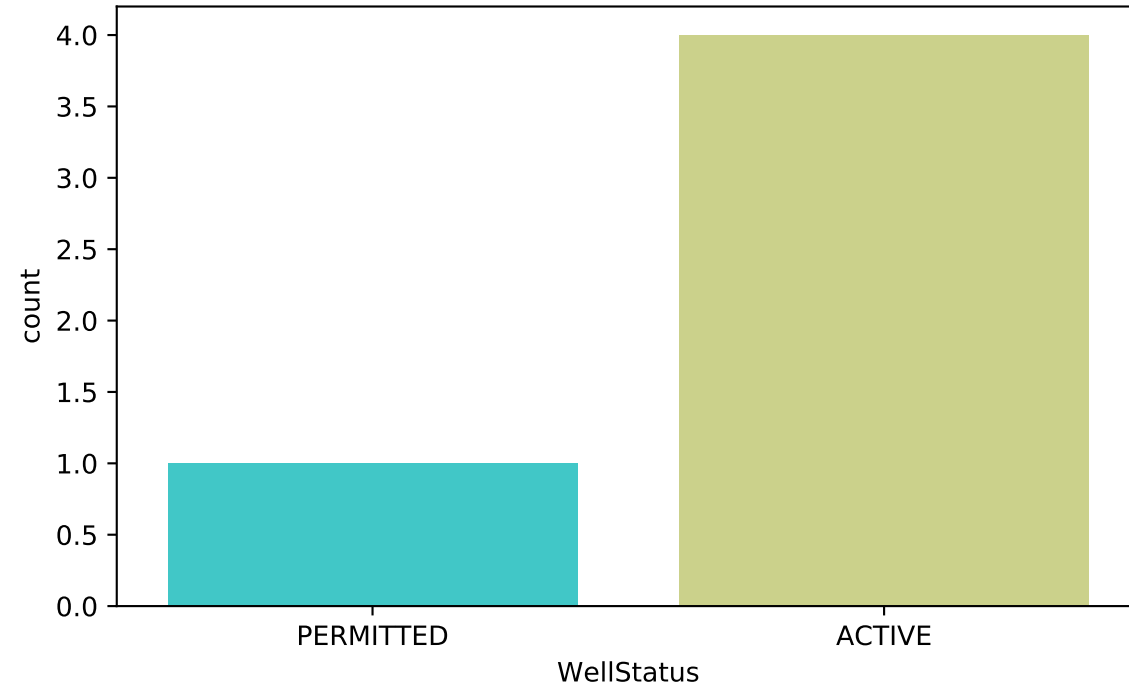
Old Production Outside of Tract 125 - 3 Mi Radius



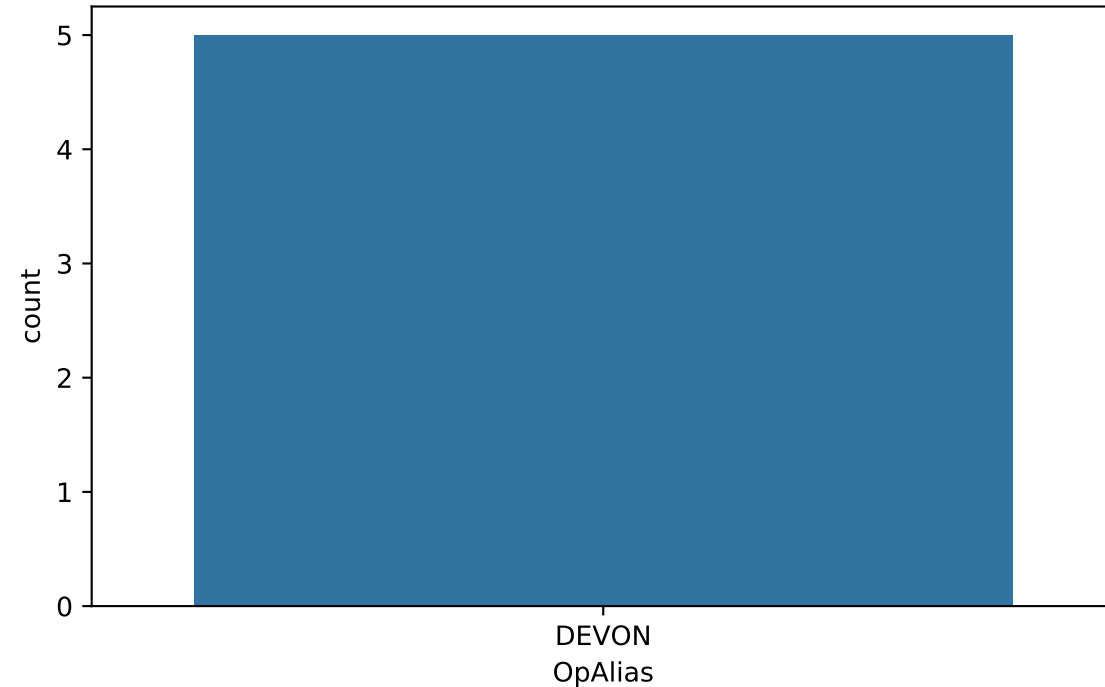
# Permit Summary for Tract 13

## Total permits: 5

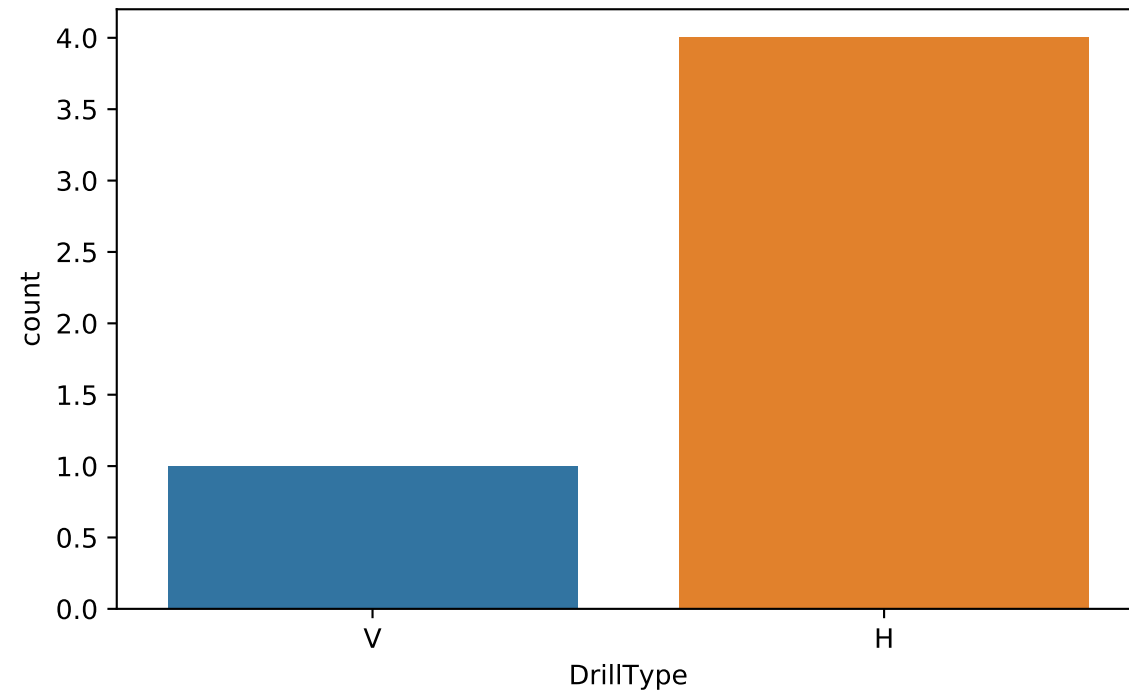
### Permits by Well Status



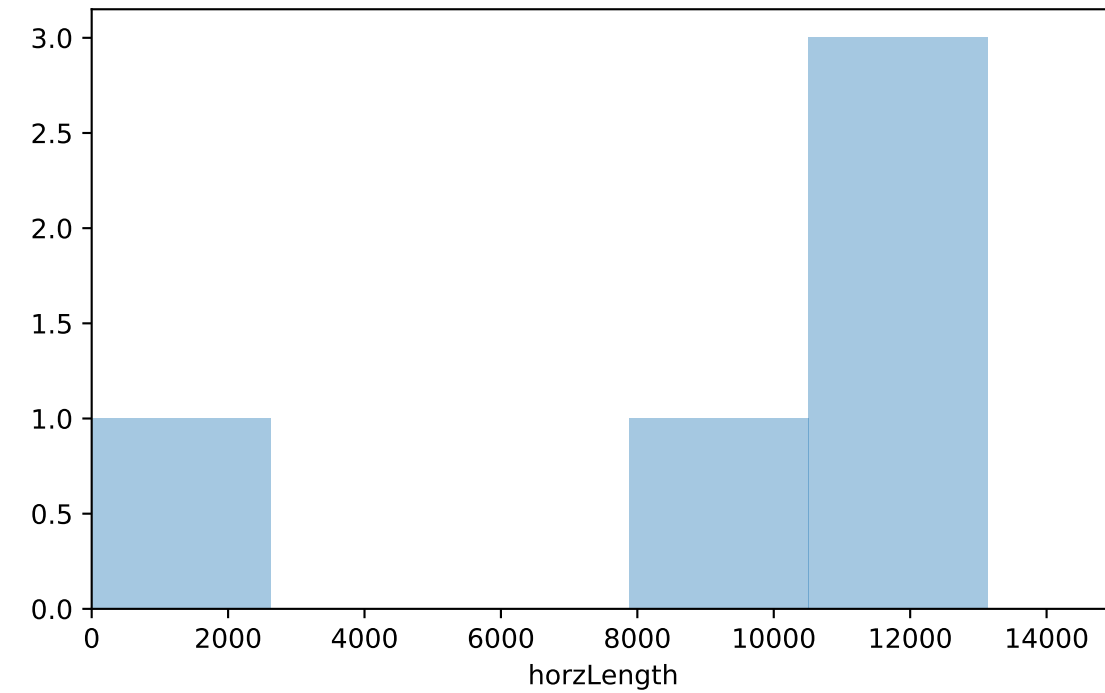
### Permits by Operator



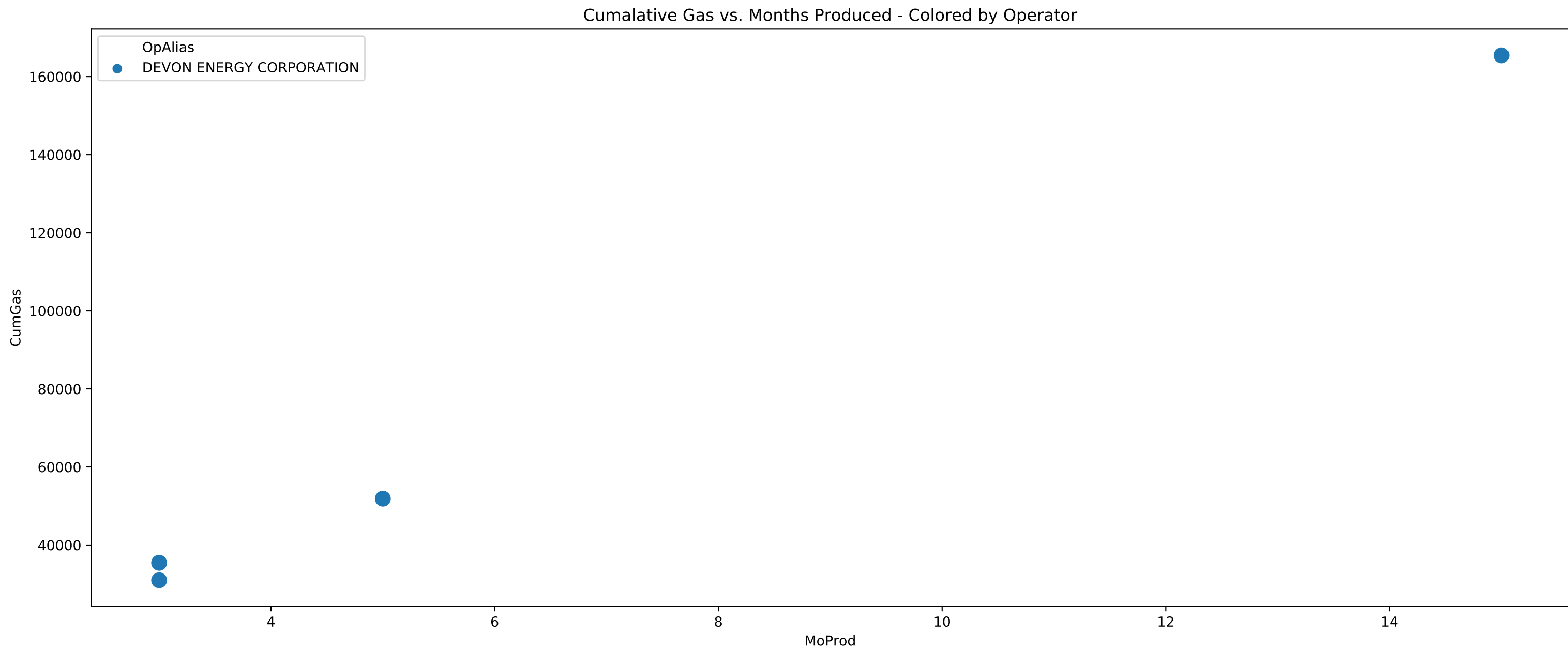
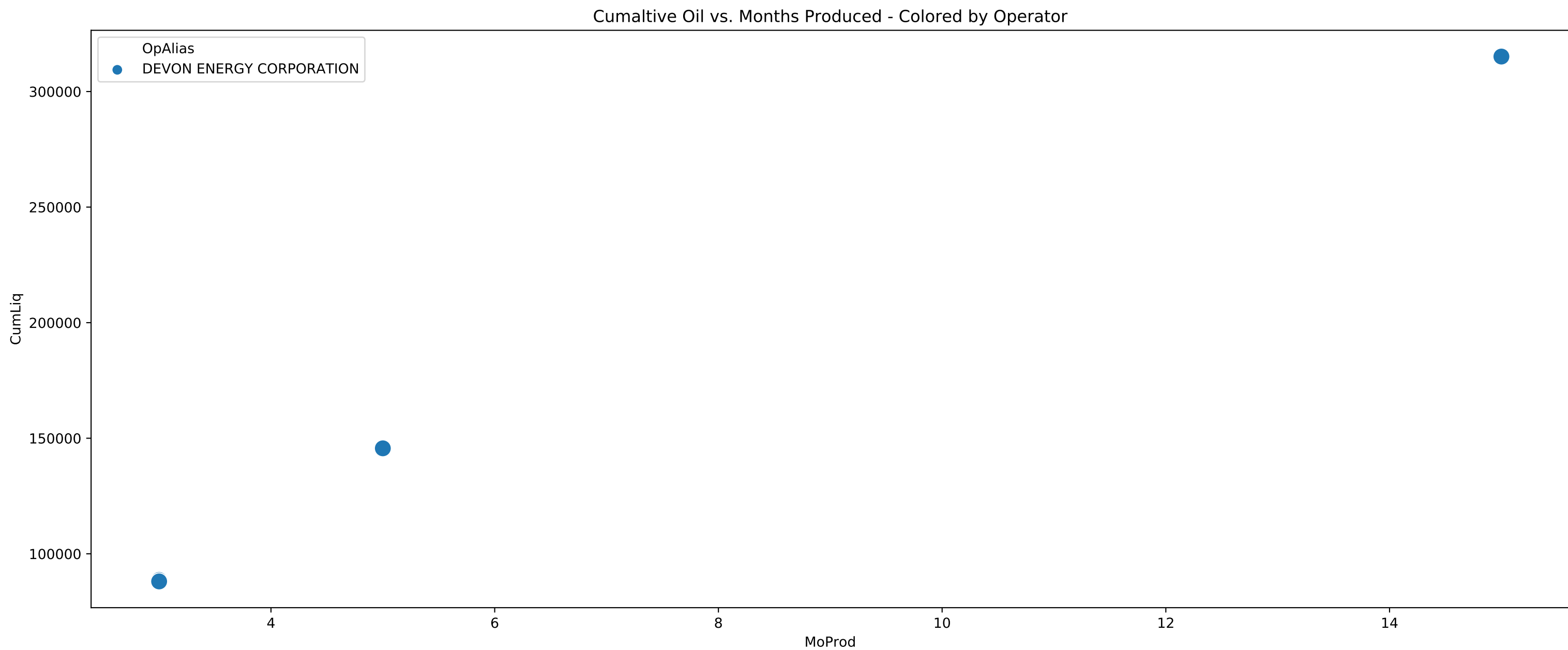
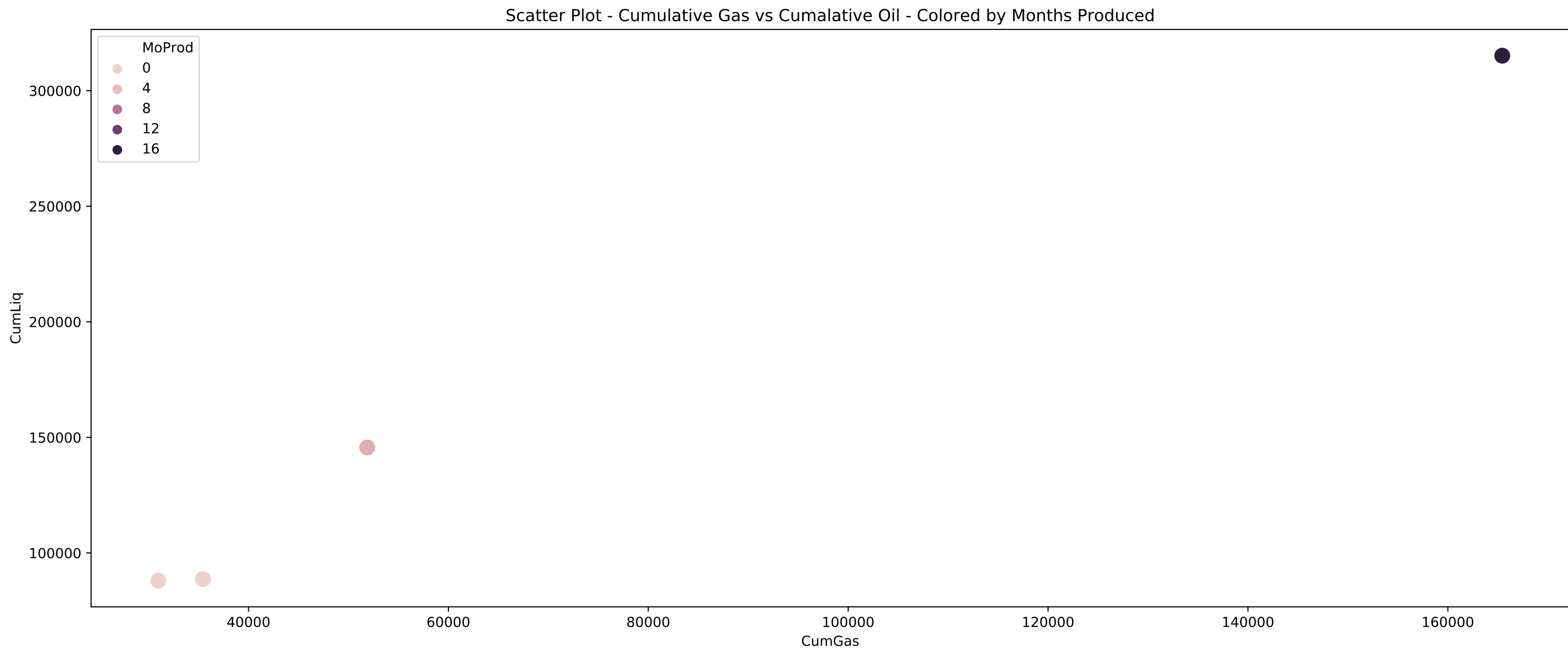
### Permits by Well Type (H,D,V)



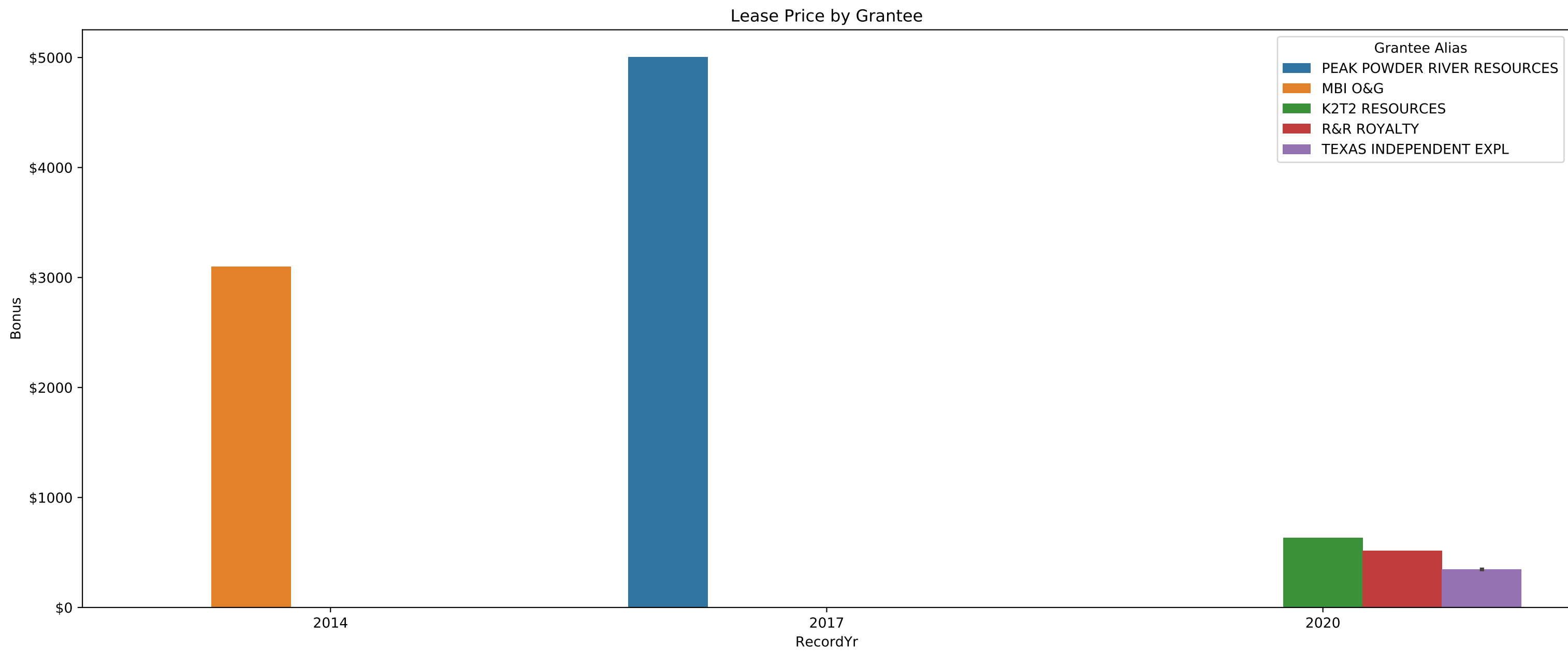
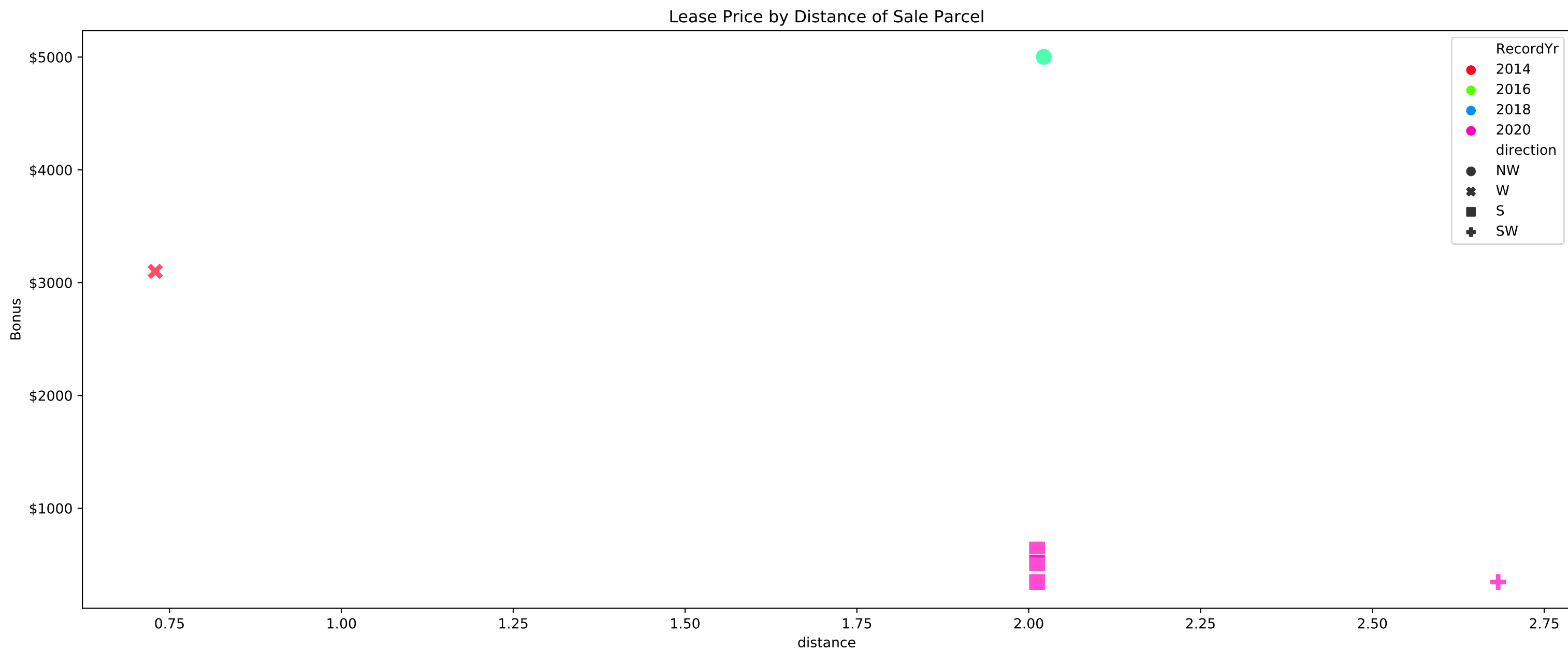
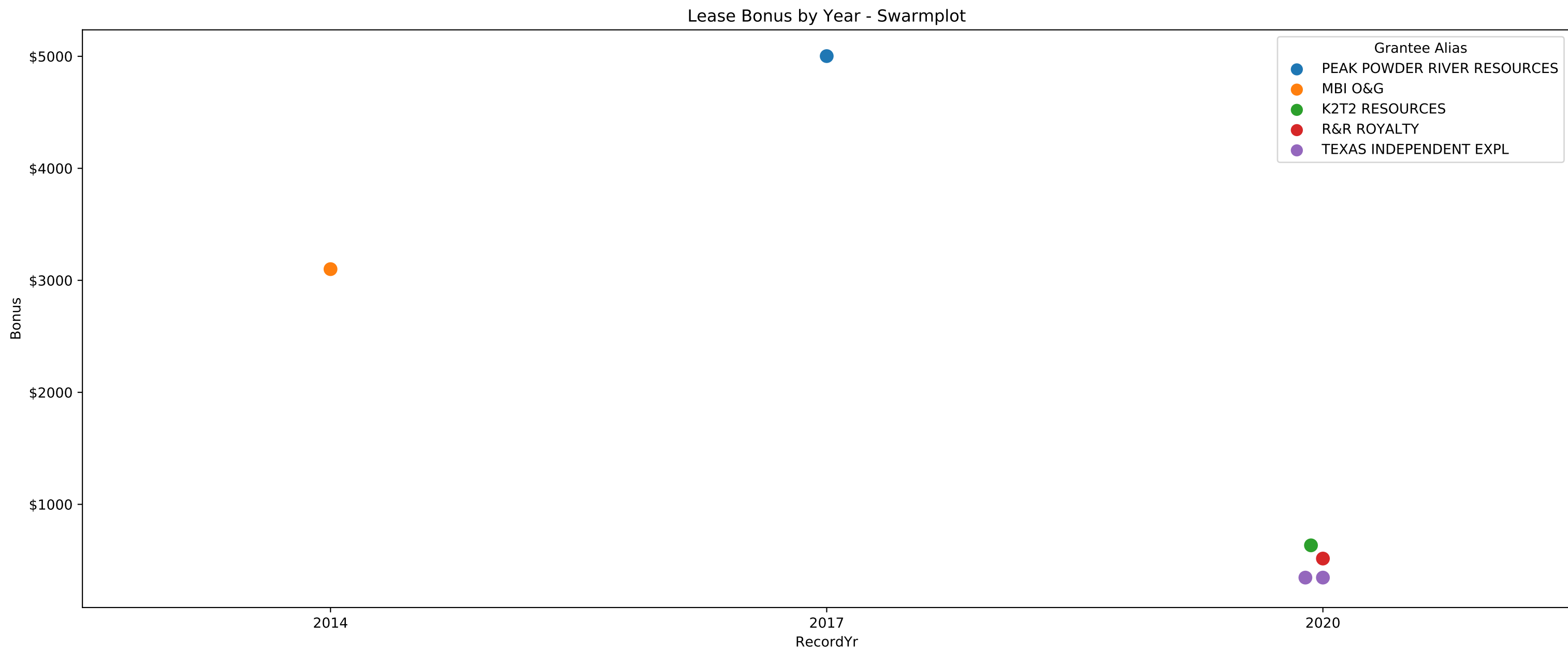
### Permit Horizontal Lengths - Binned



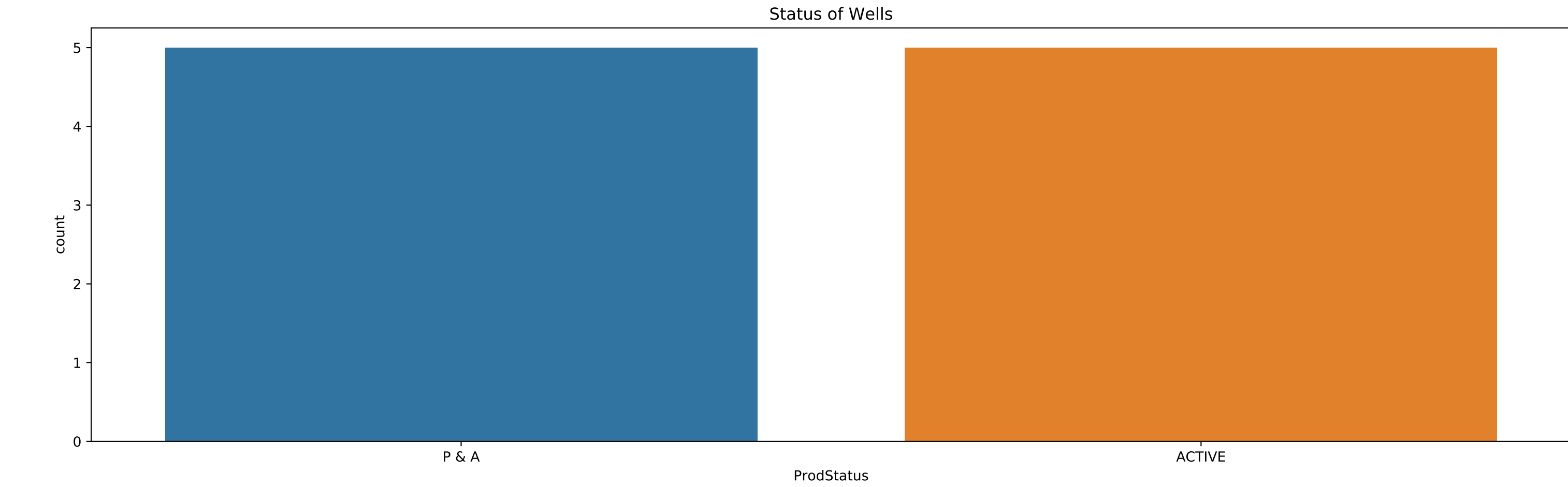
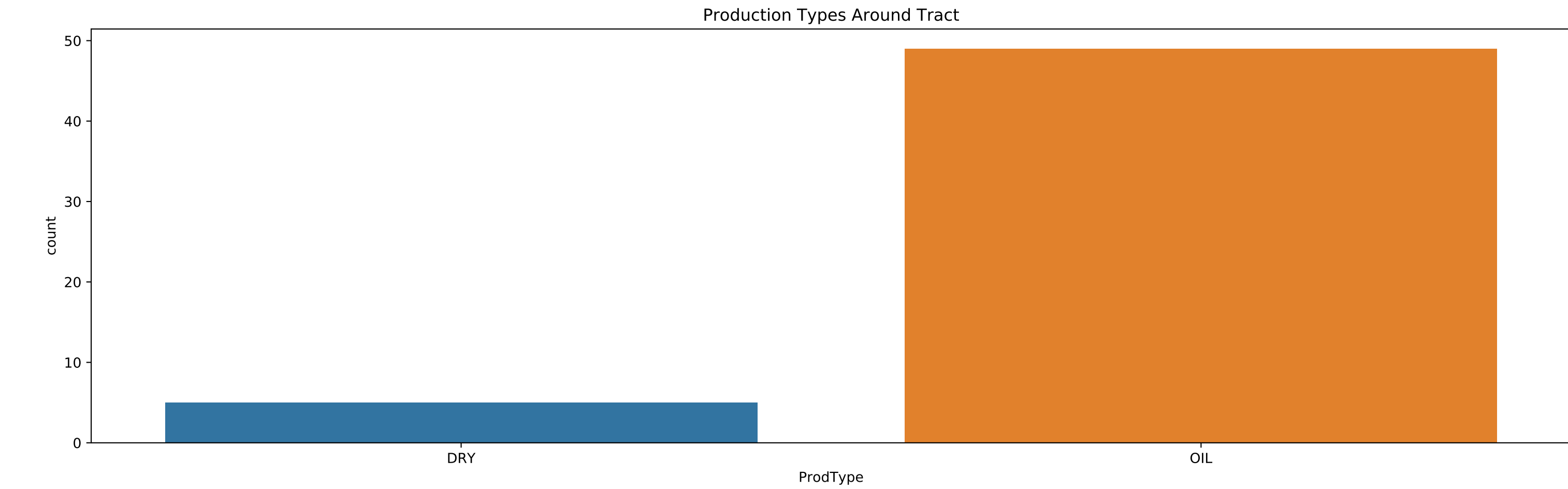
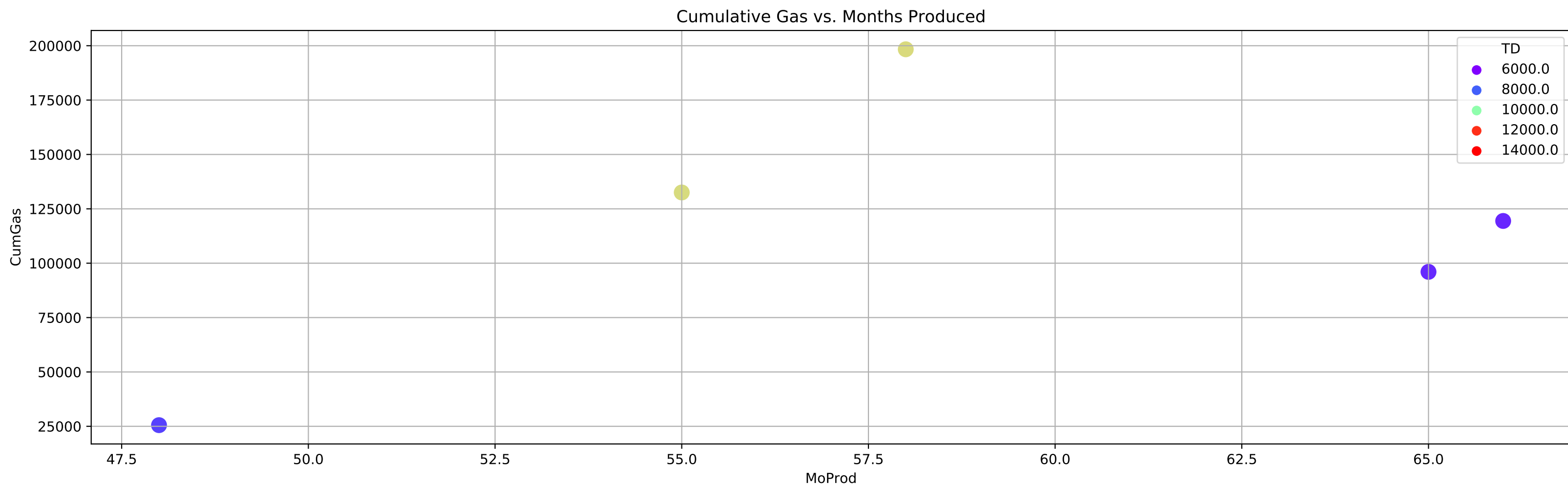
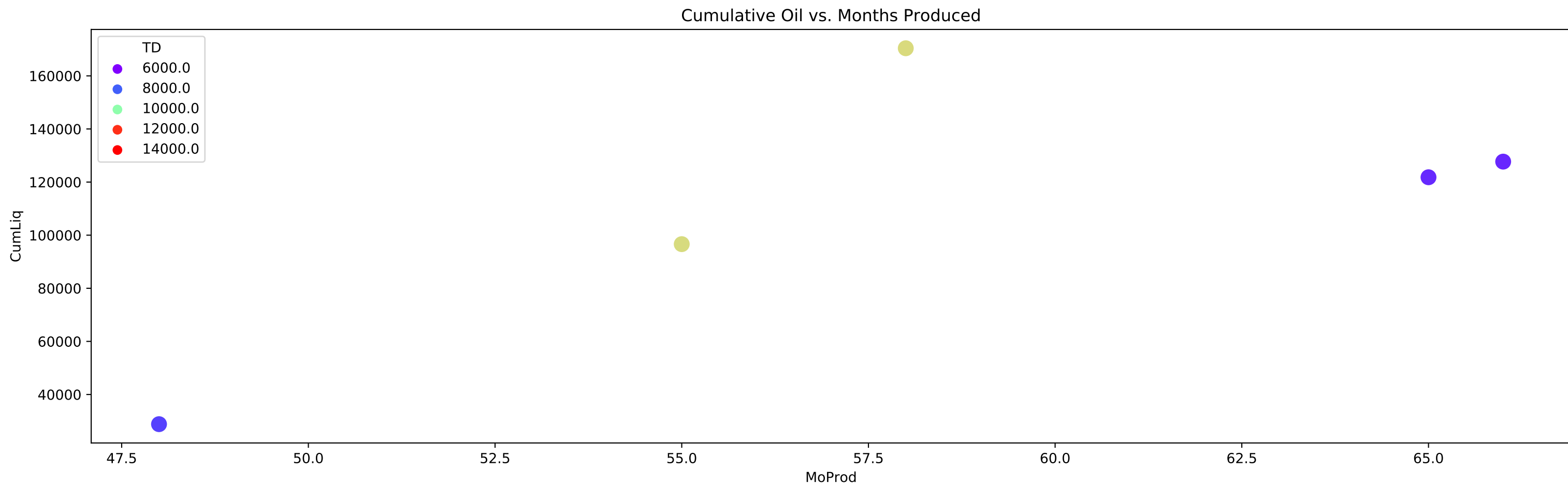
Production Dashboard for tract 13



Lease Summary for tract 13  
Total Number of Leases: 6  
Average Price \$460/acre in 2020



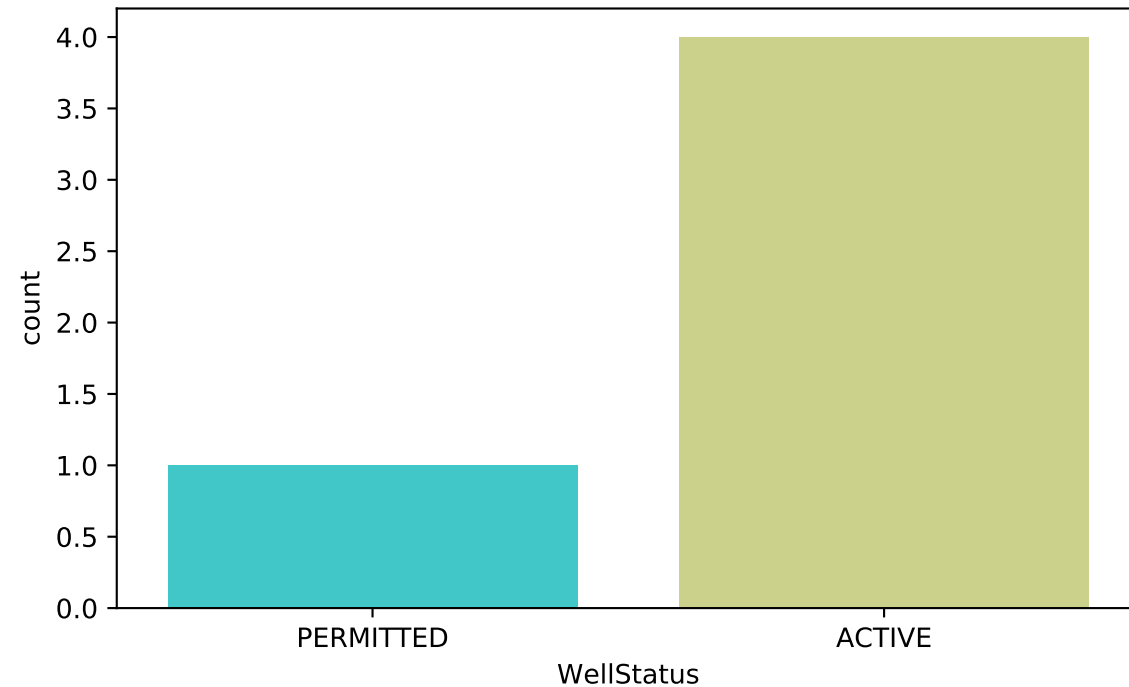
# Old Production Outside of Tract 13 - 3 Mi Radius



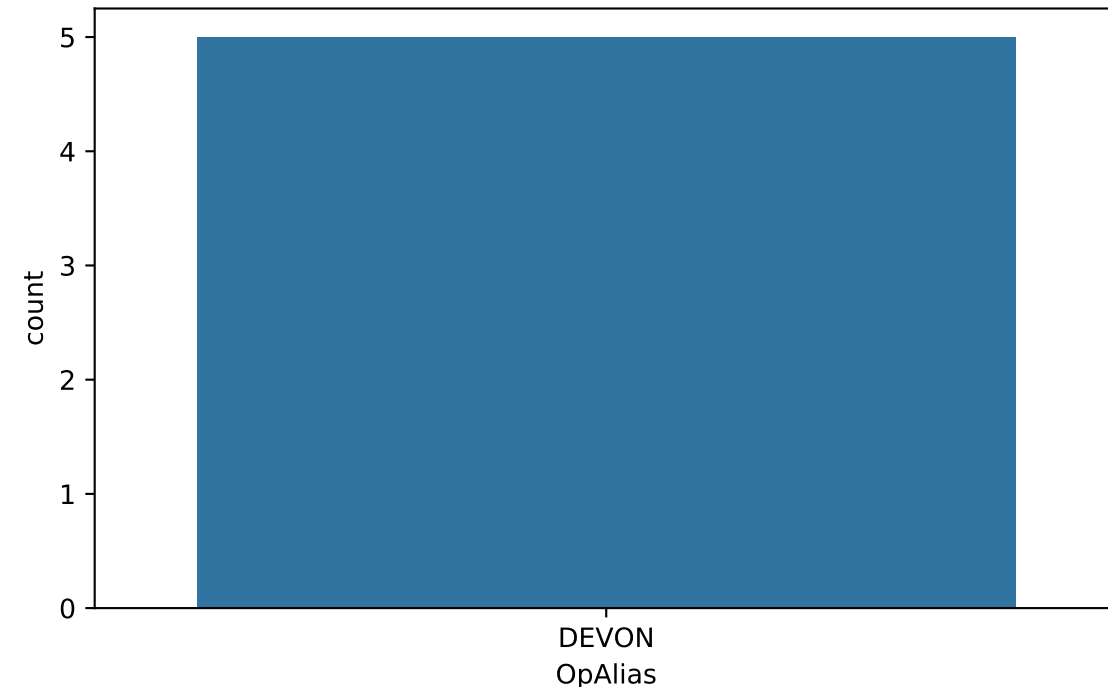
# Permit Summary for Tract 126

Total permits: 5

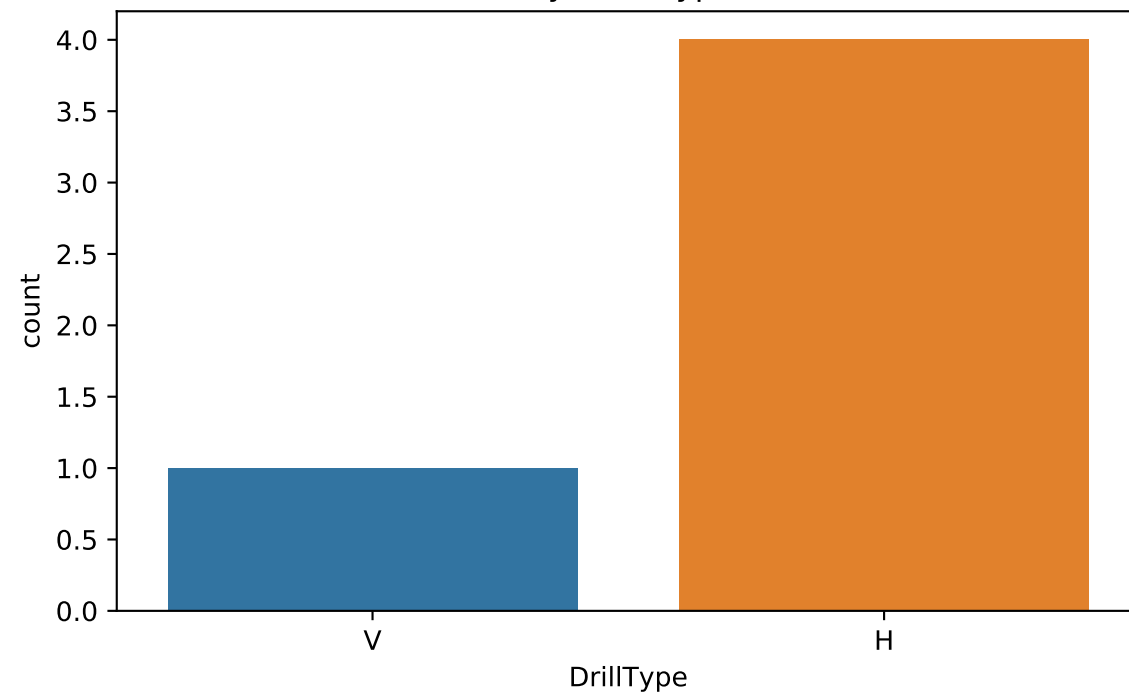
## Permits by Well Status



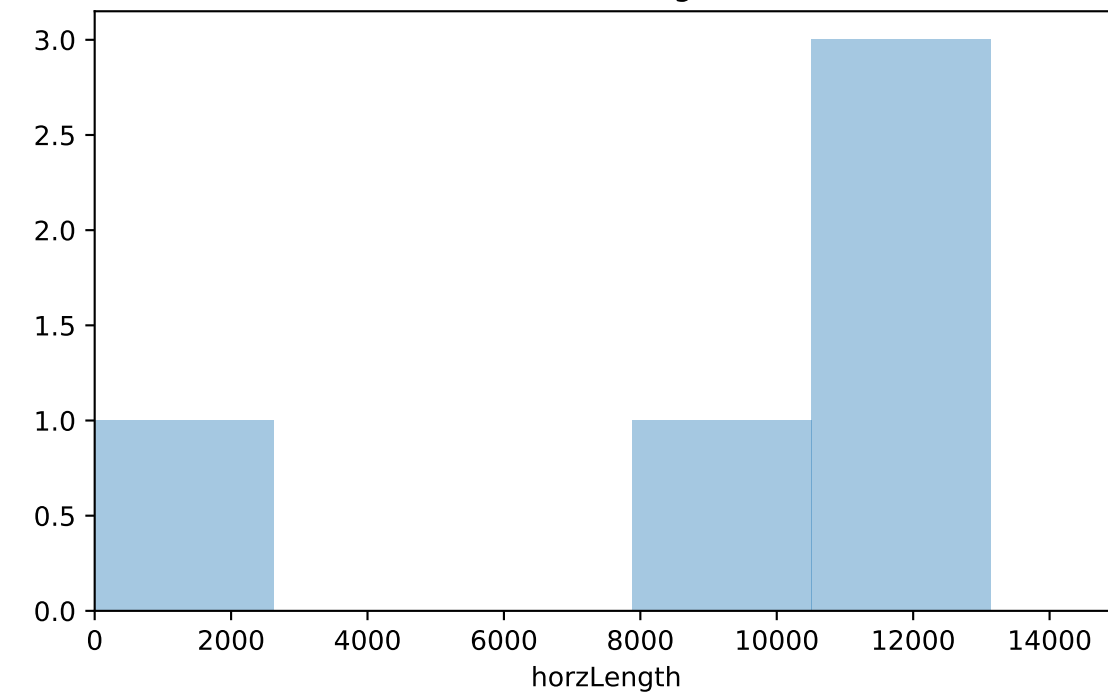
## Permits by Operator



## Permits by Well Type (H,D,V)

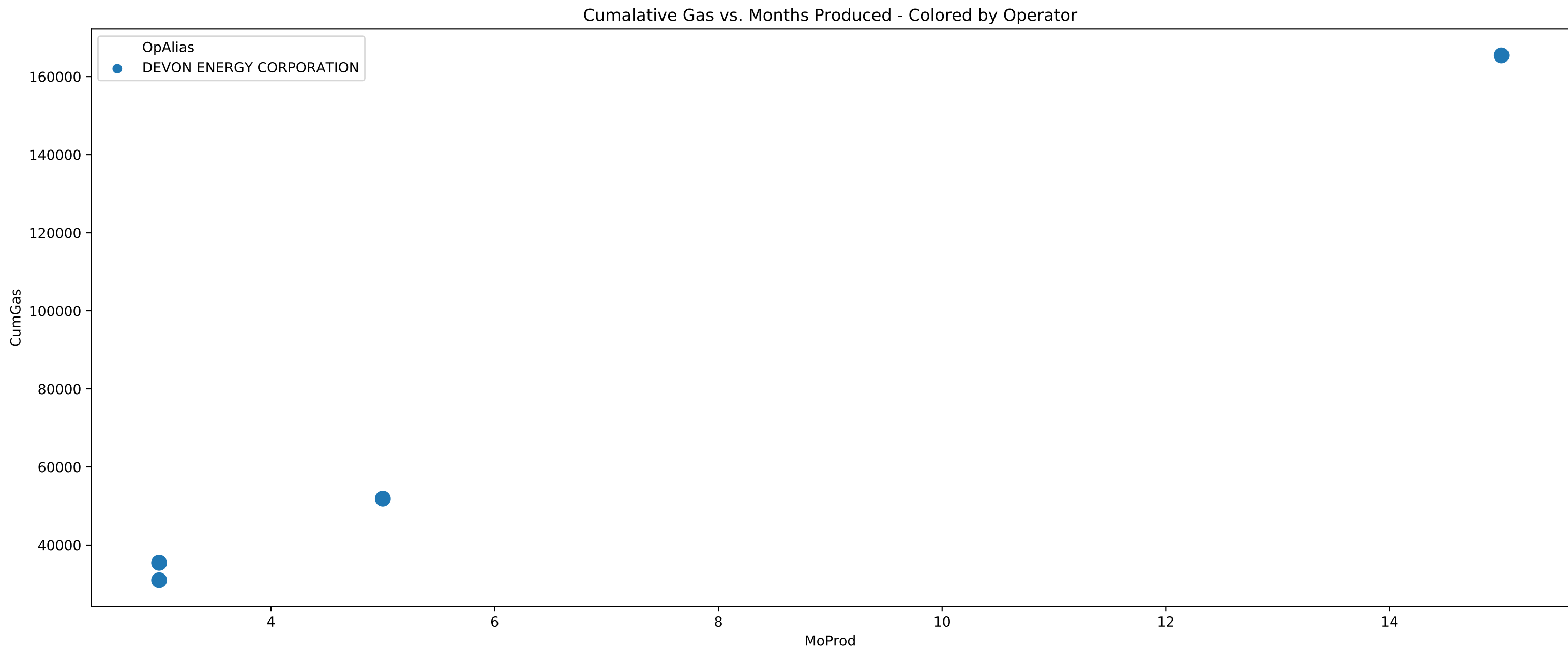
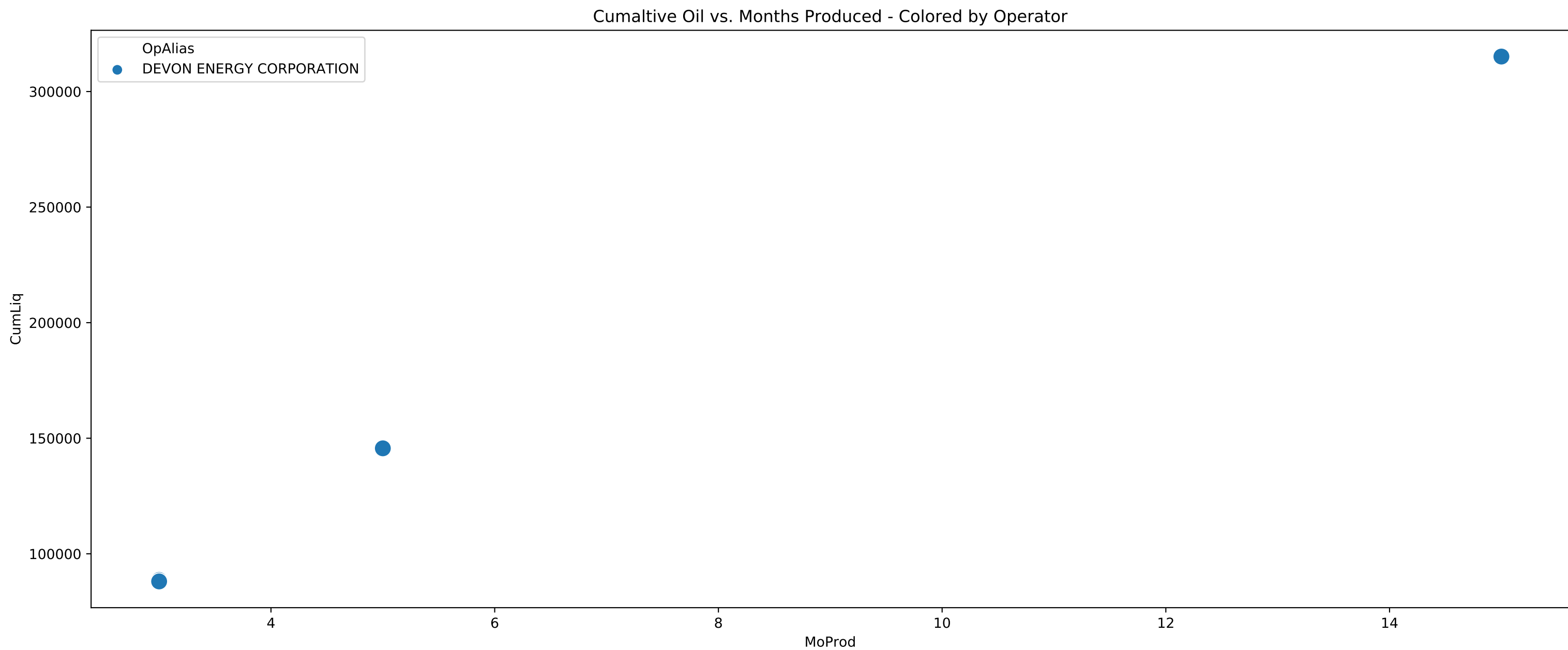
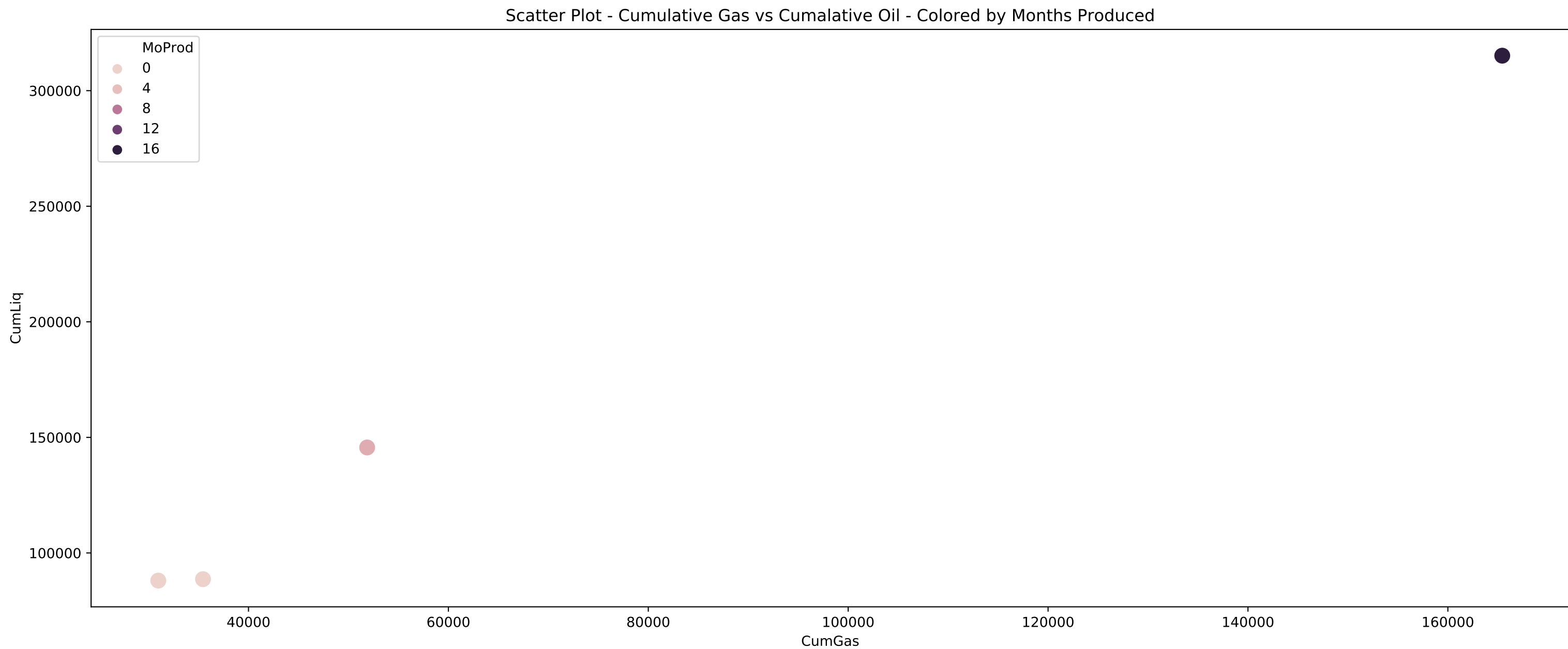


## Permit Horizontal Lengths - Binned

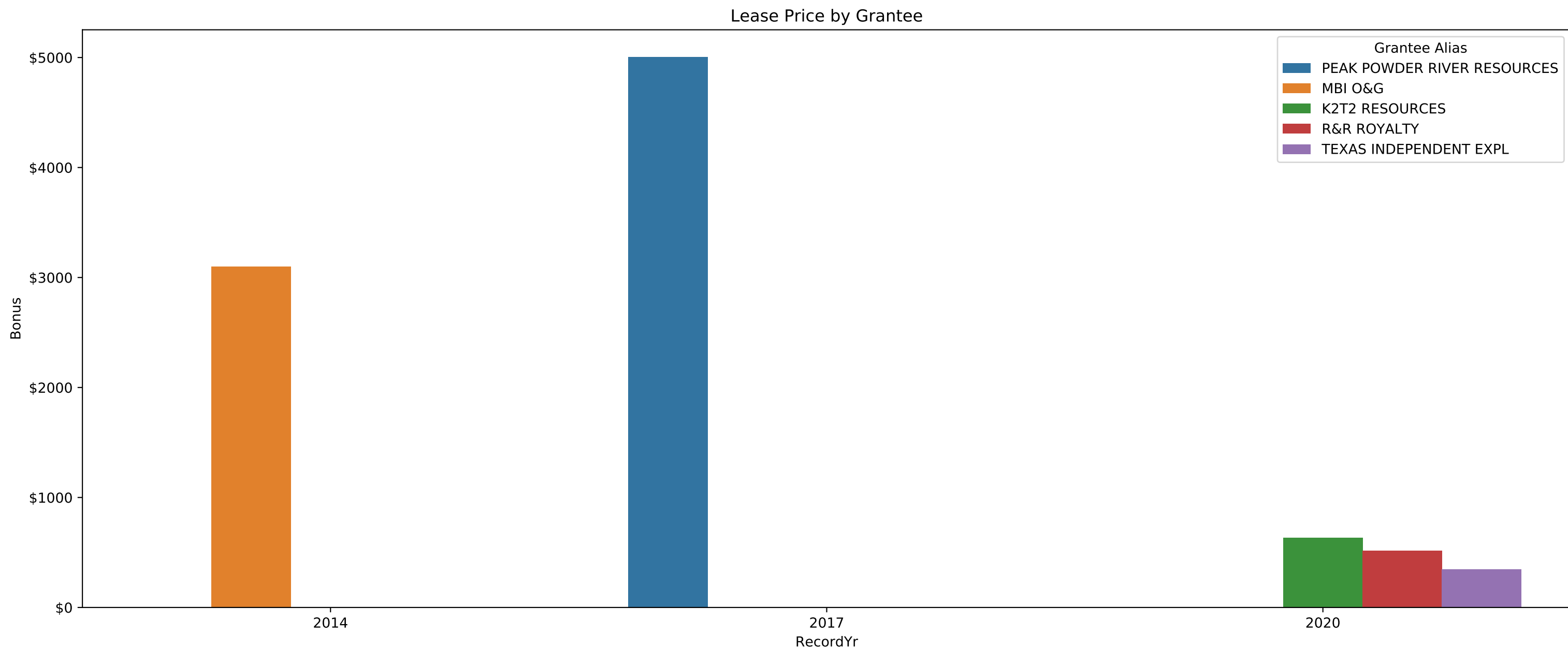
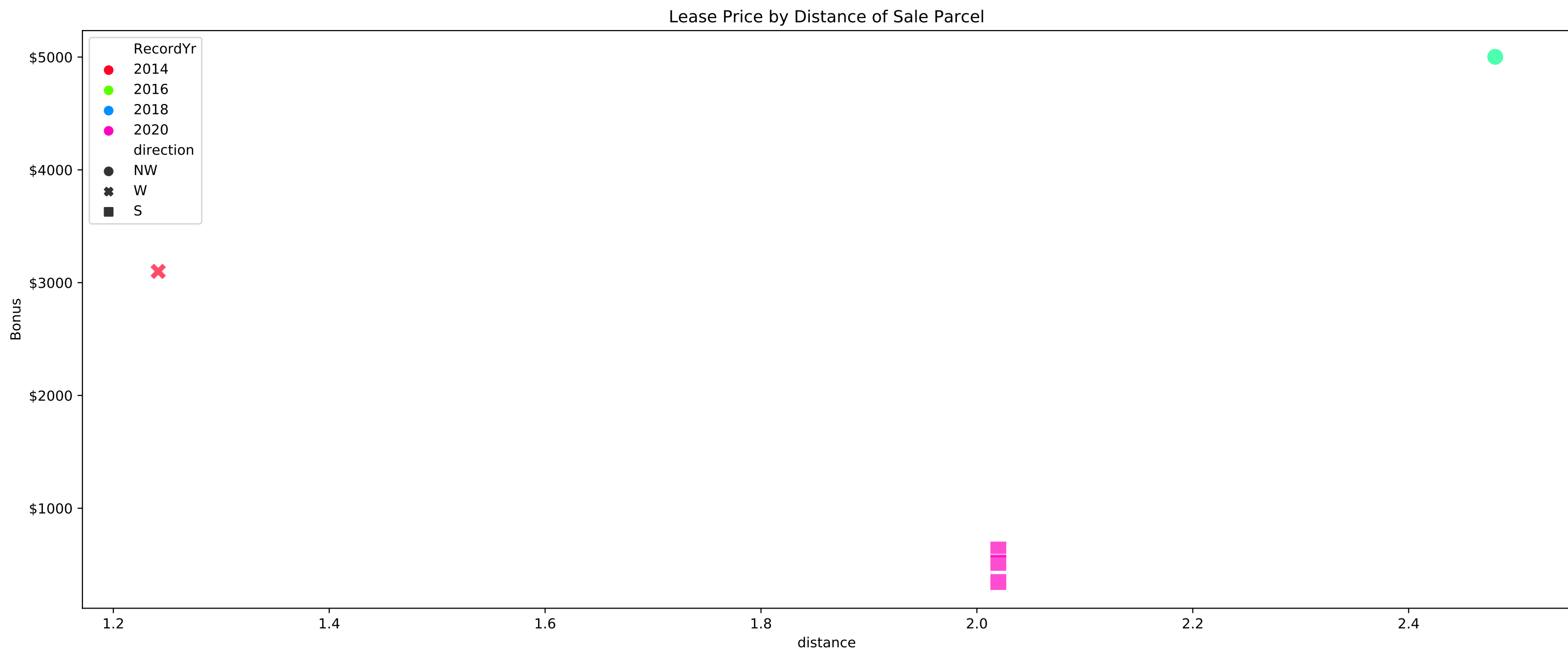
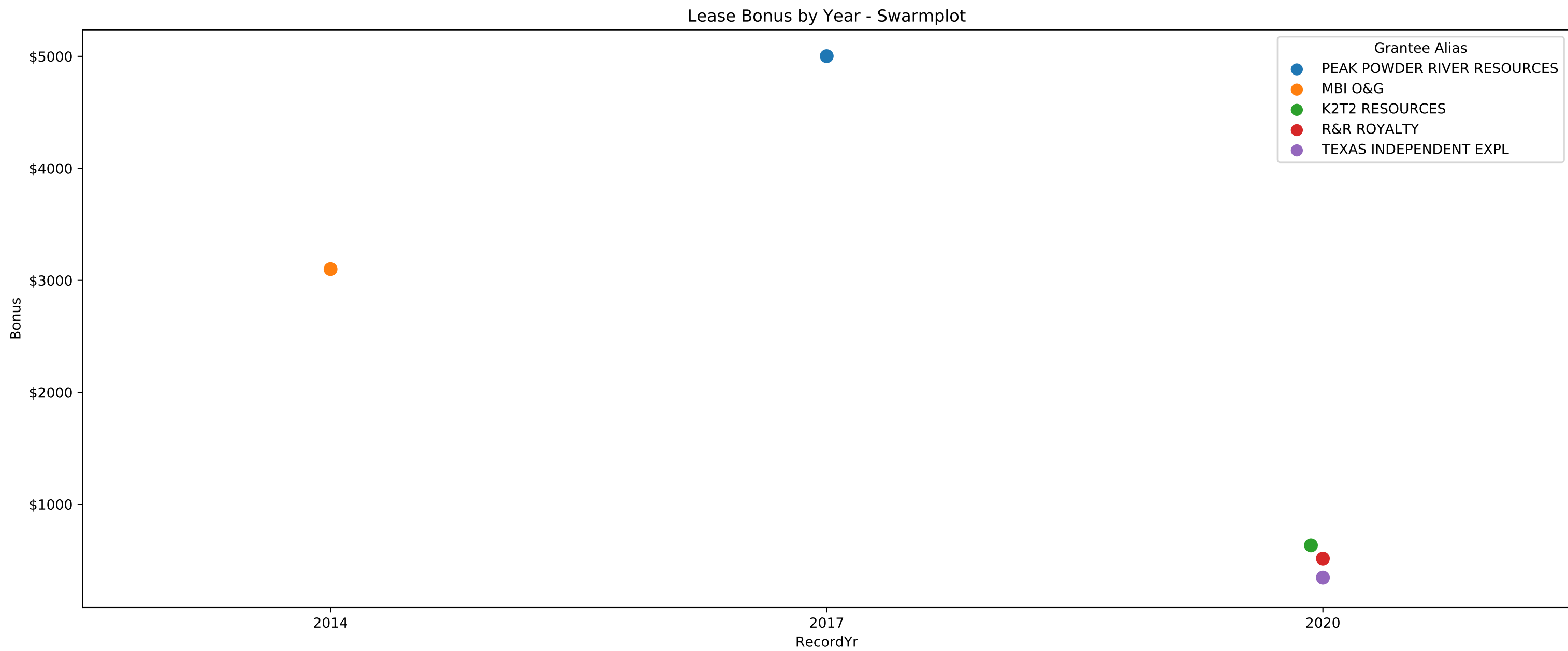




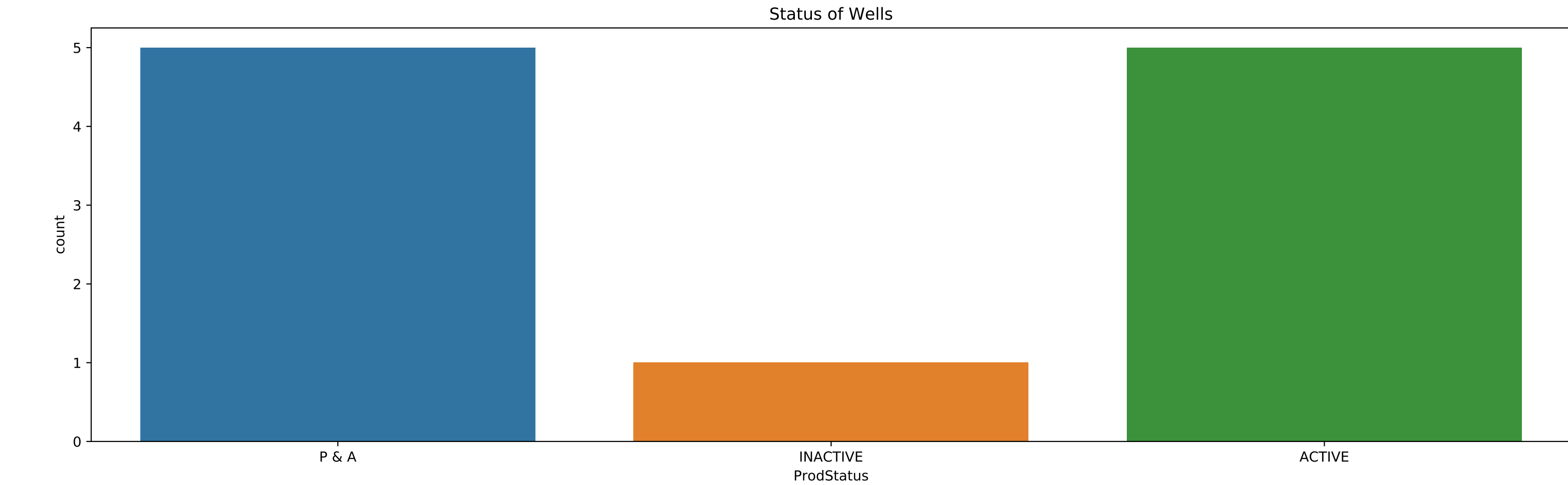
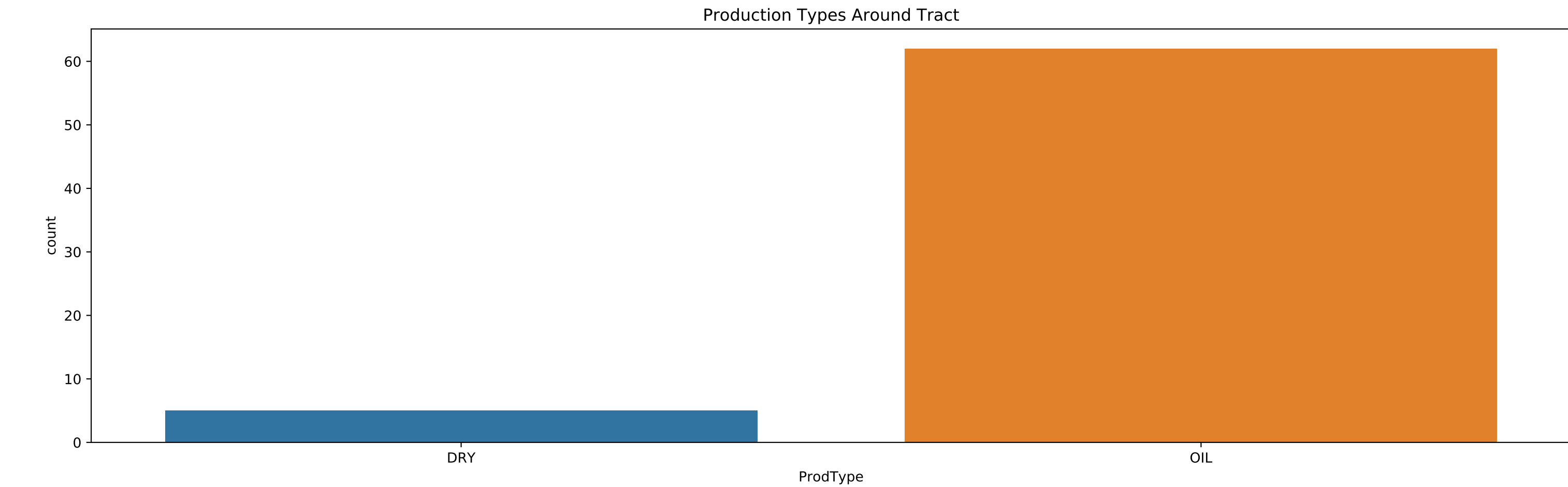
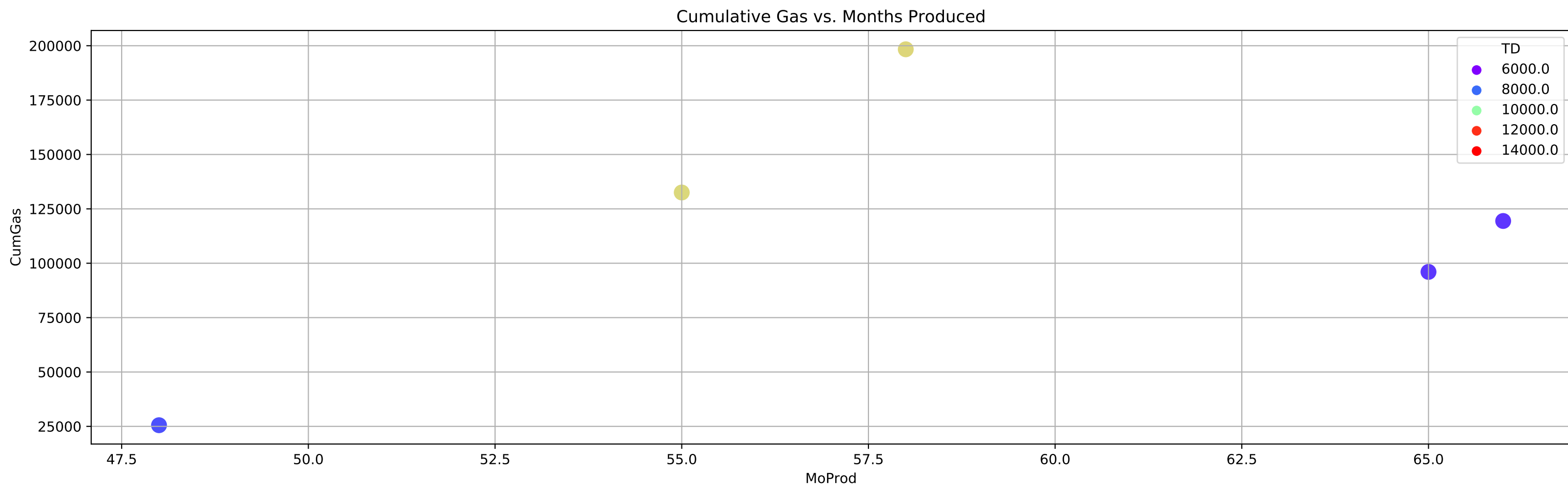
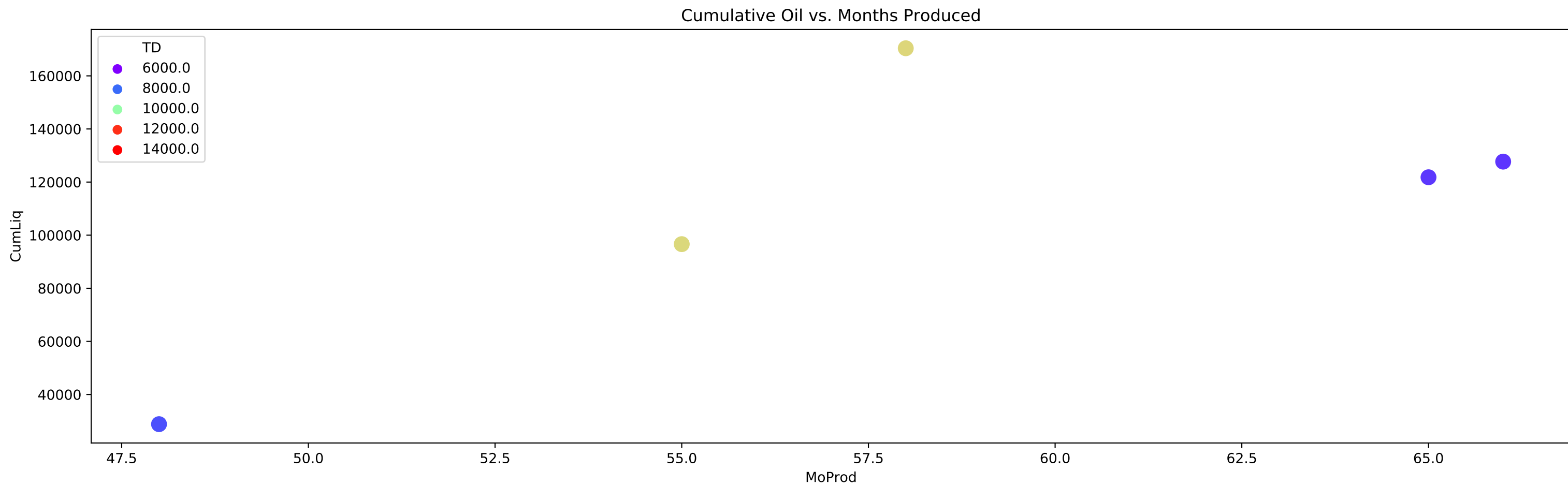
Production Dashboard for tract 126



Lease Summary for tract 126  
Total Number of Leases: 5  
Average Price \$499/acre in 2020



# Old Production Outside of Tract 126 - 3 Mi Radius



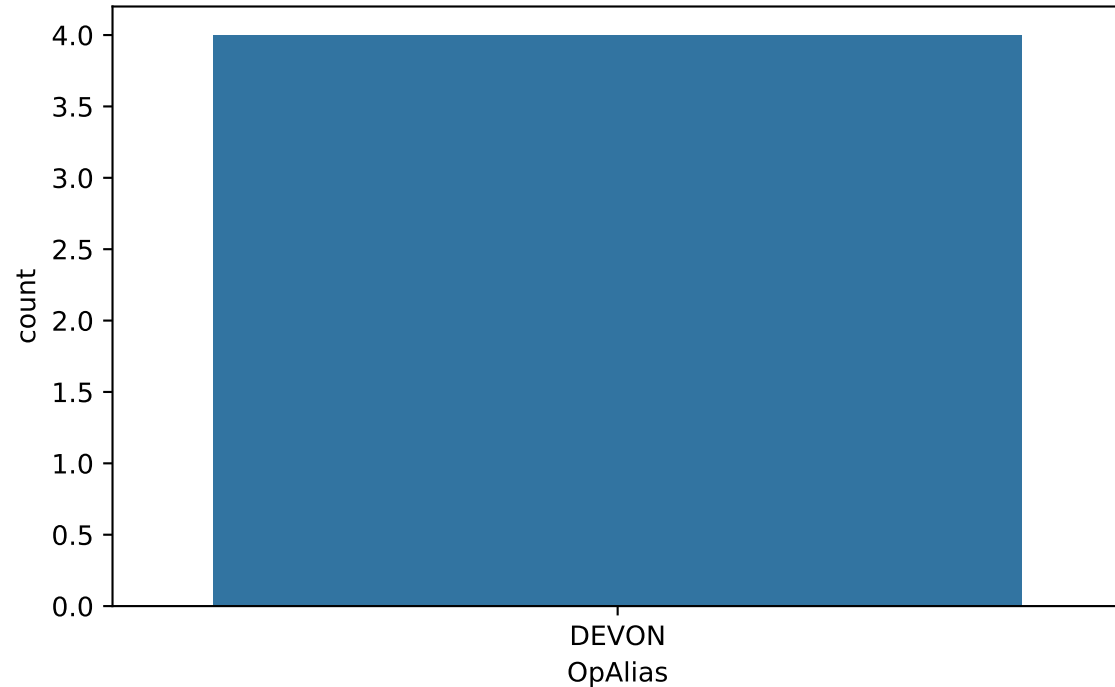
# Permit Summary for Tract 91

Total permits: 4

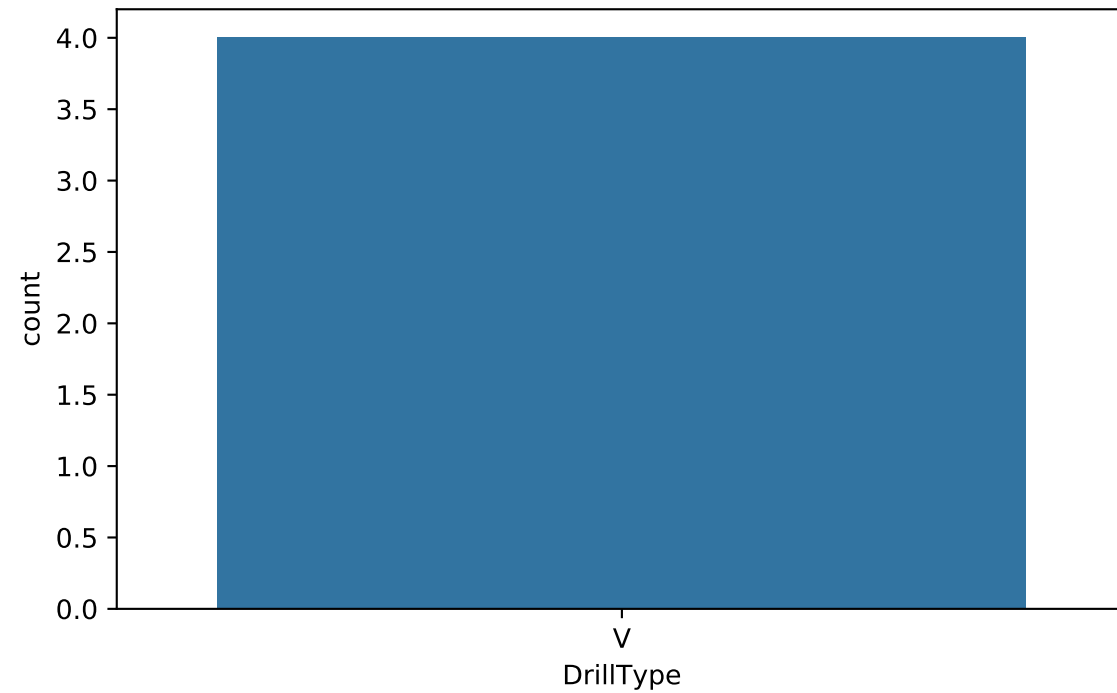
## Permits by Well Status



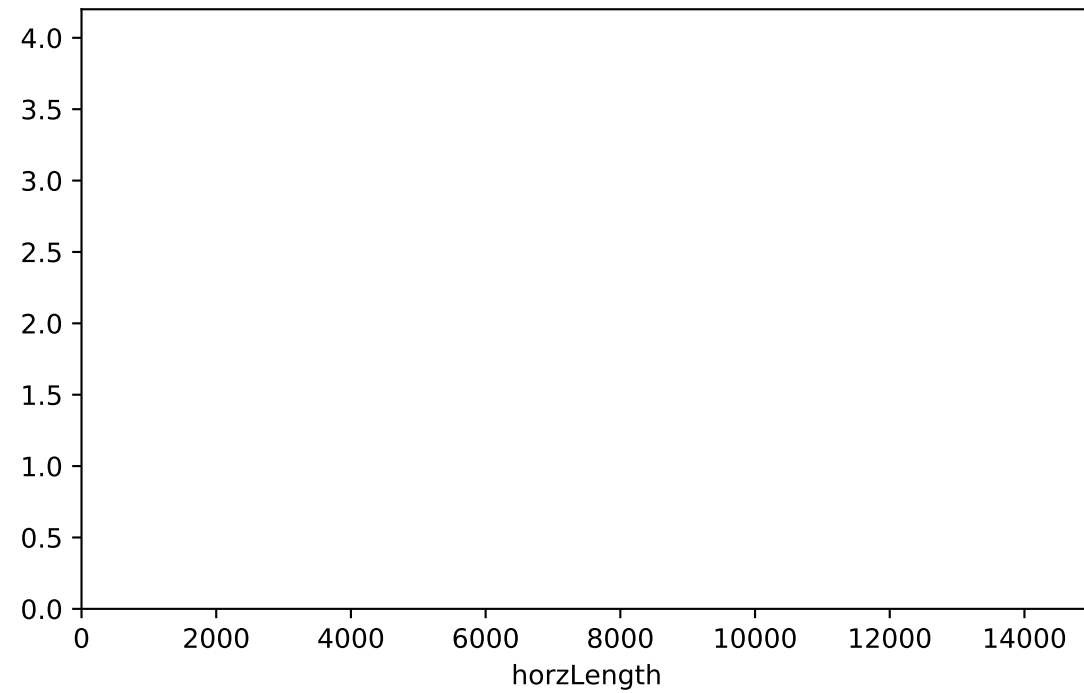
## Permits by Operator



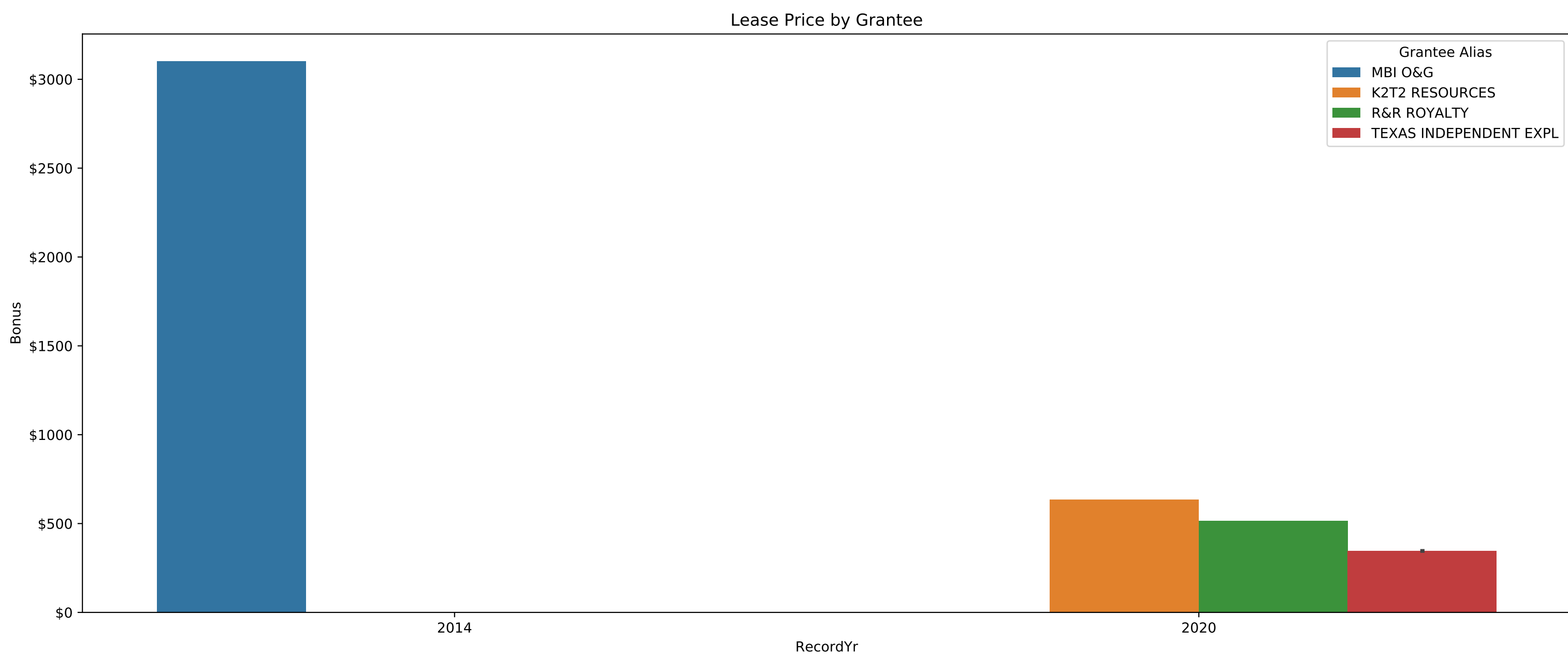
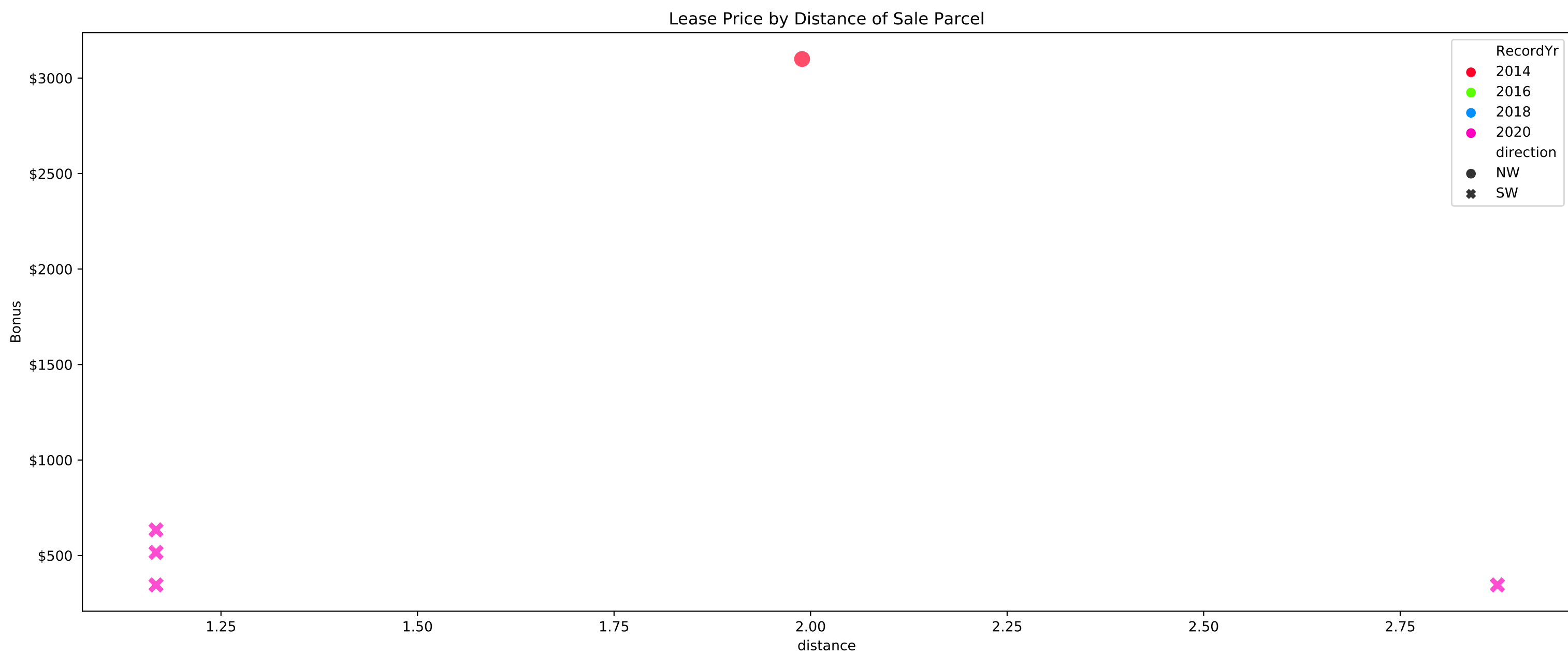
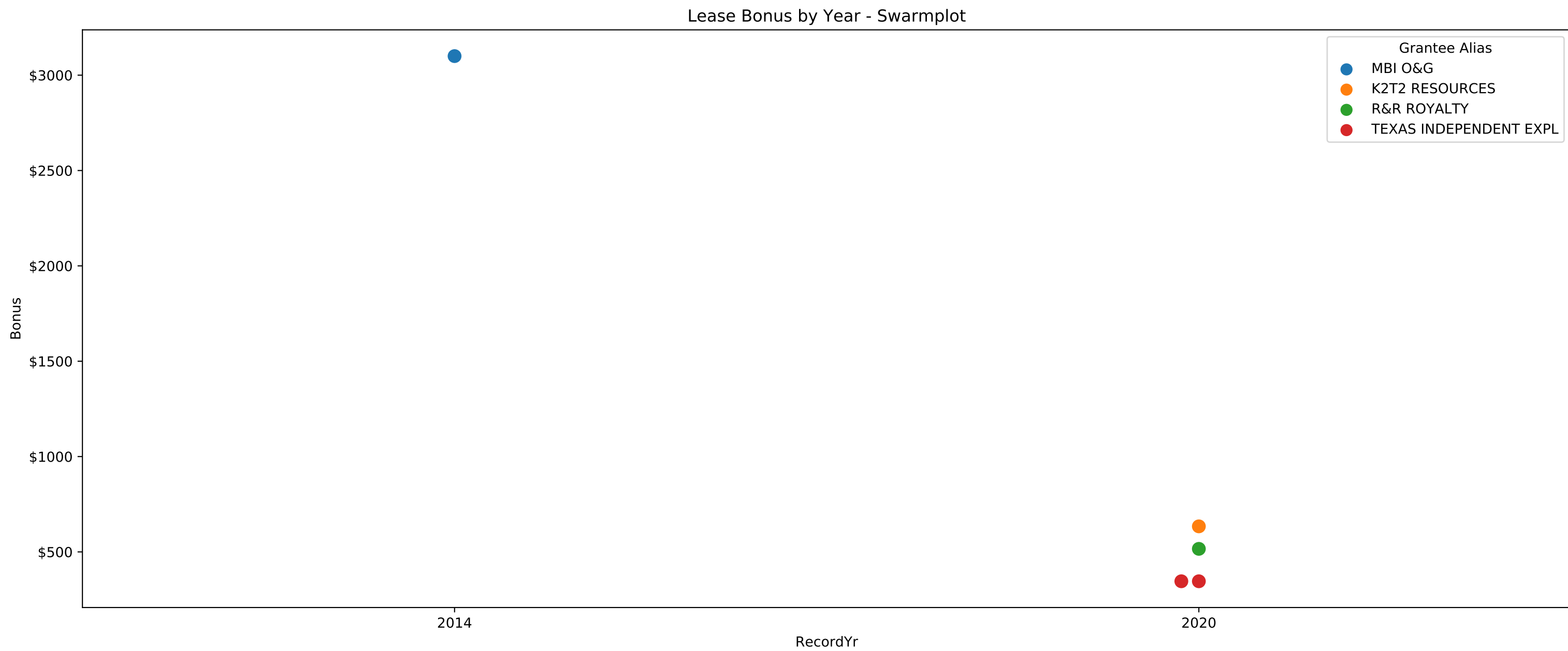
## Permits by Well Type (H,D,V)



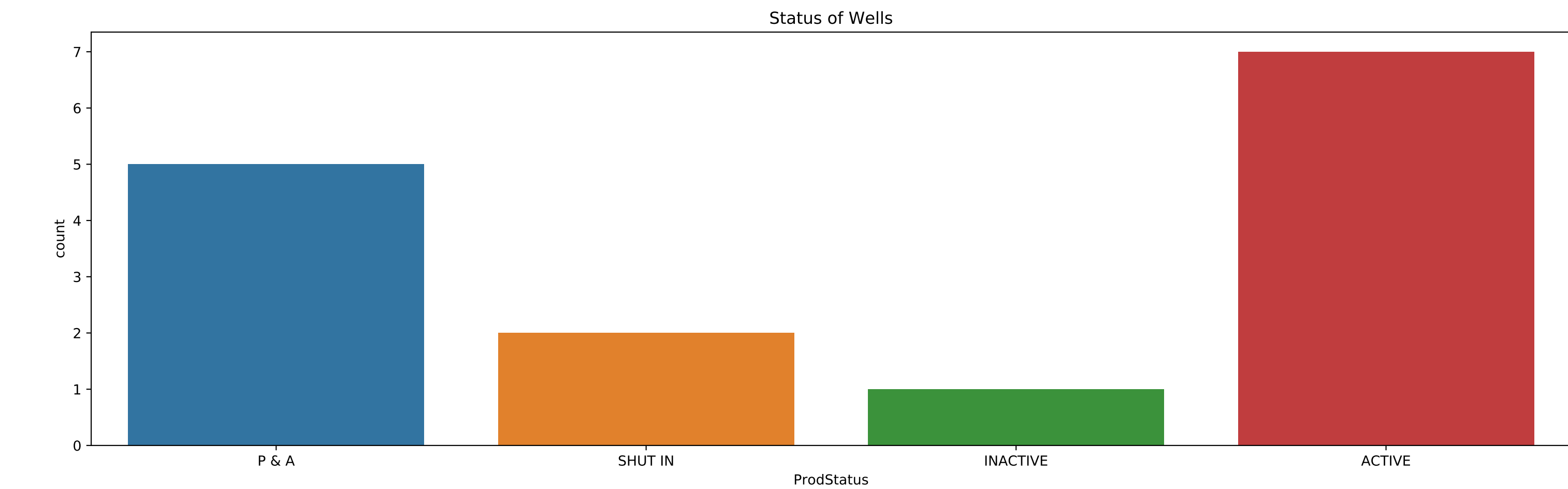
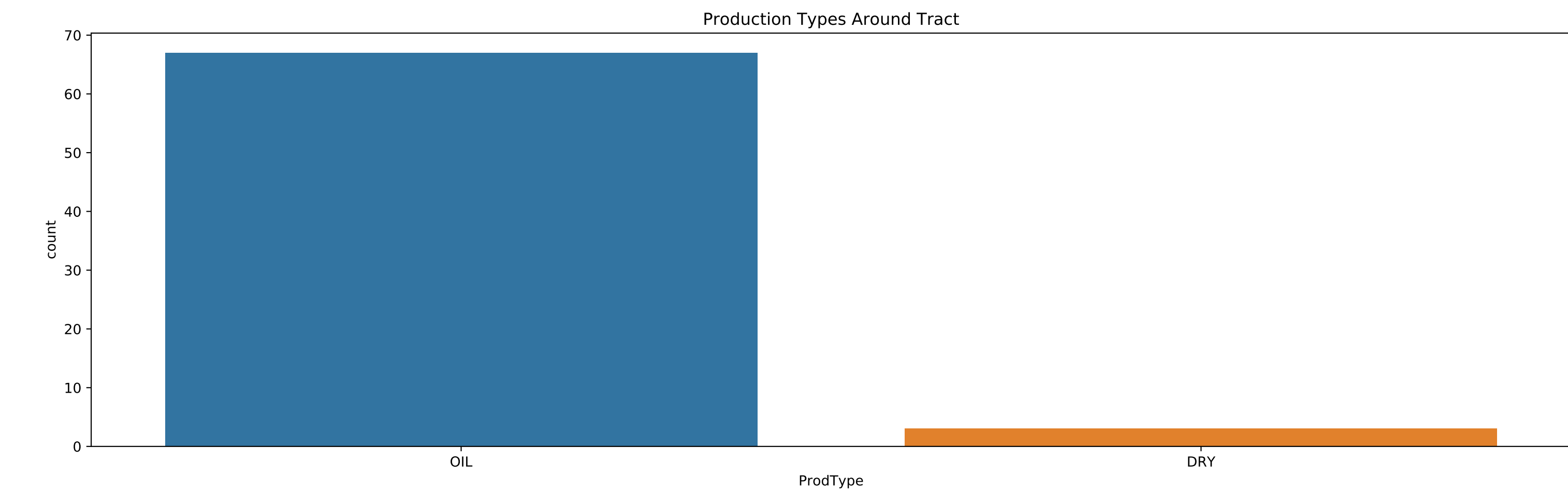
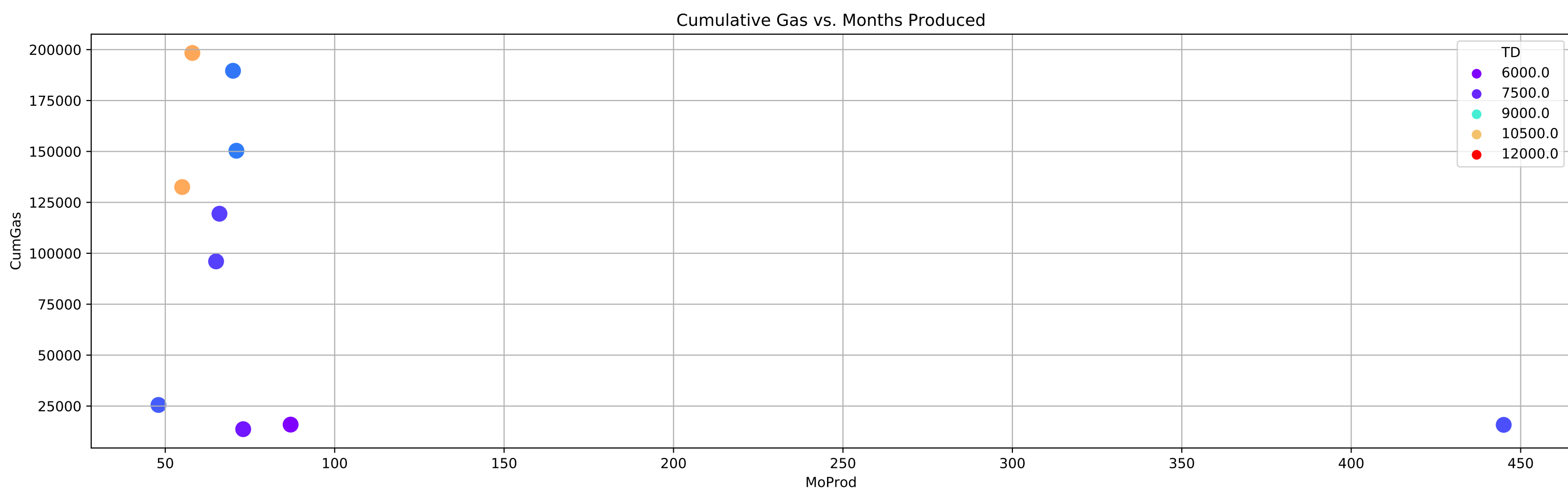
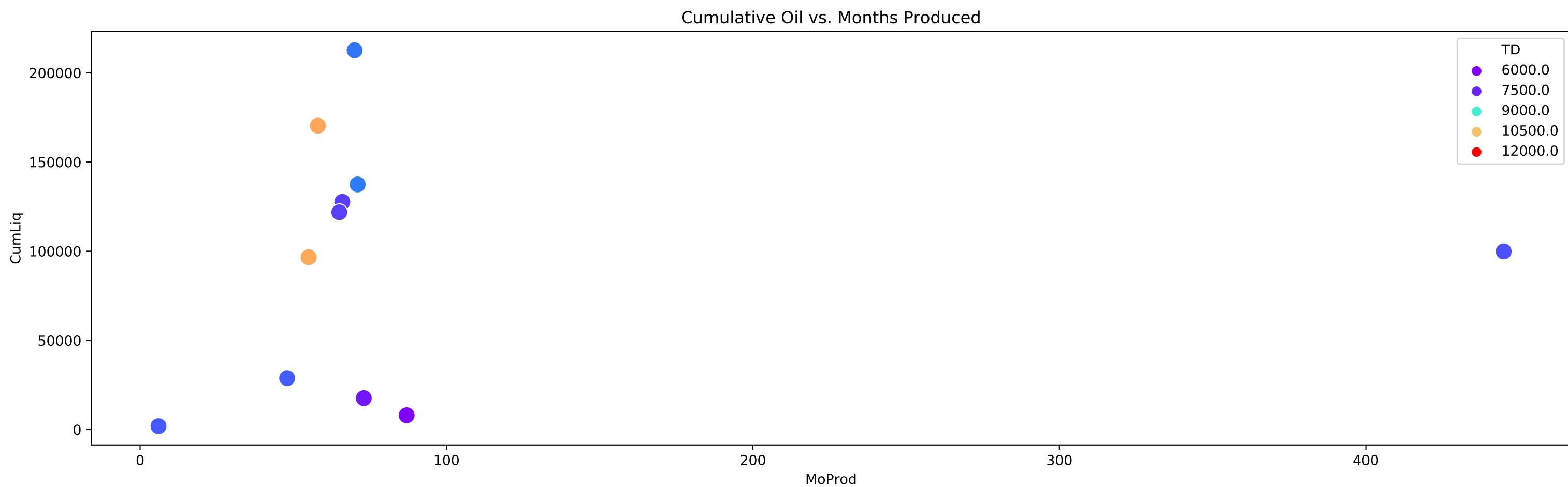
## Permit Horizontal Lengths - Binned



Lease Summary for tract 91  
Total Number of Leases: 5  
Average Price \$460/acre in 2020



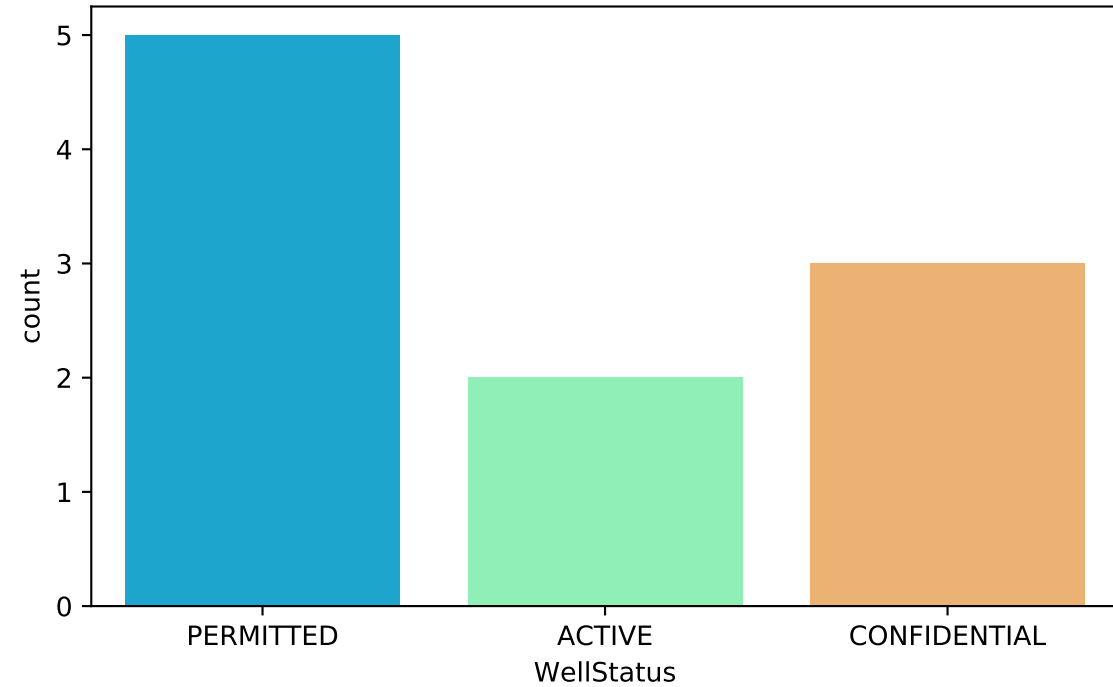
# Old Production Outside of Tract 91 - 3 Mi Radius



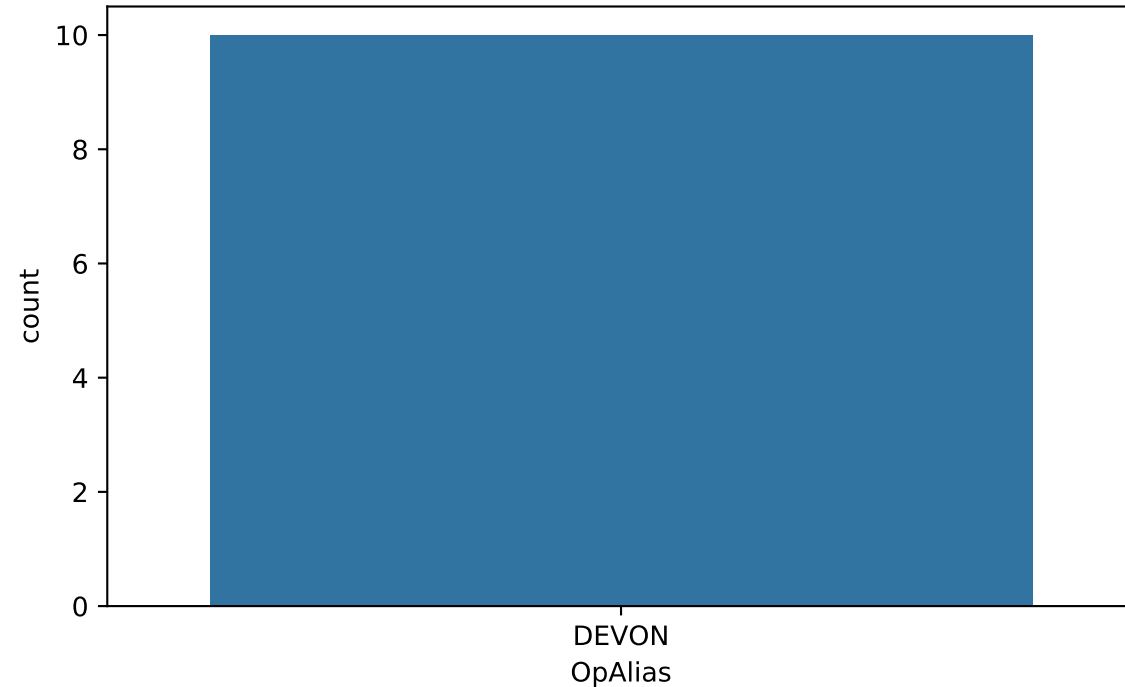
# Permit Summary for Tract 127

Total permits: 10

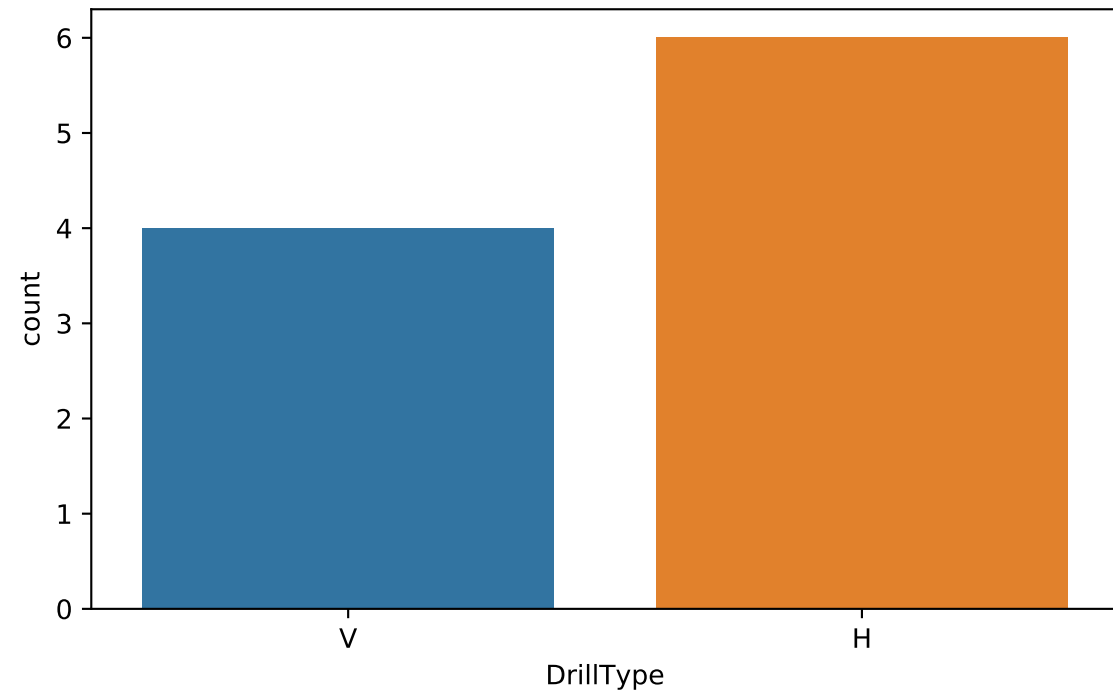
## Permits by Well Status



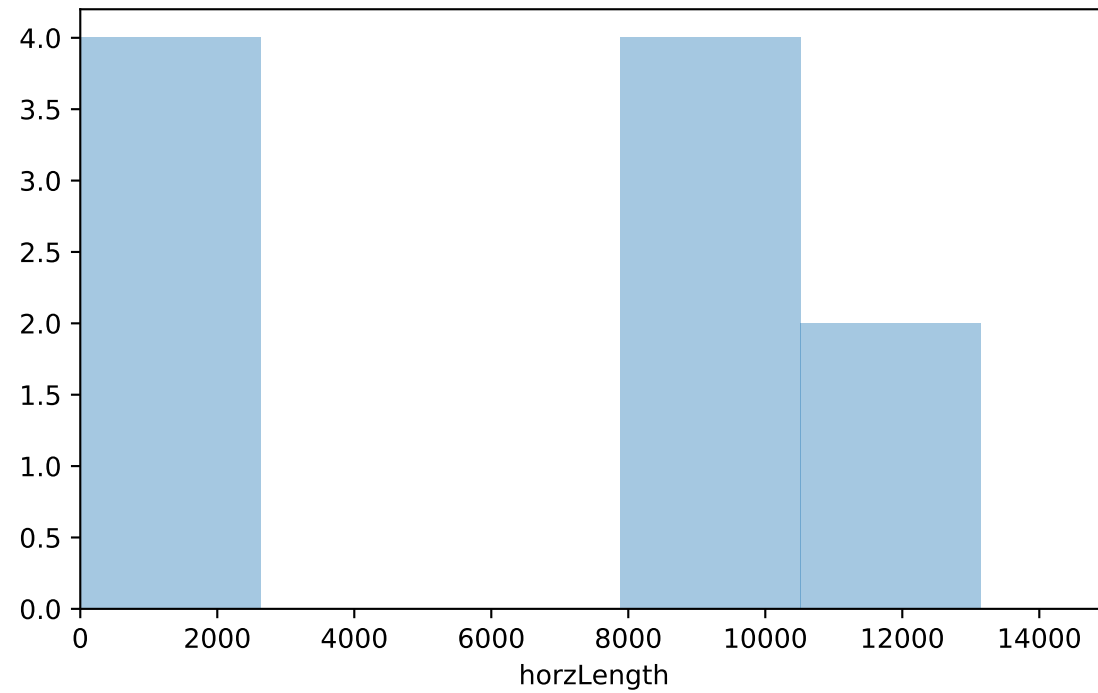
## Permits by Operator



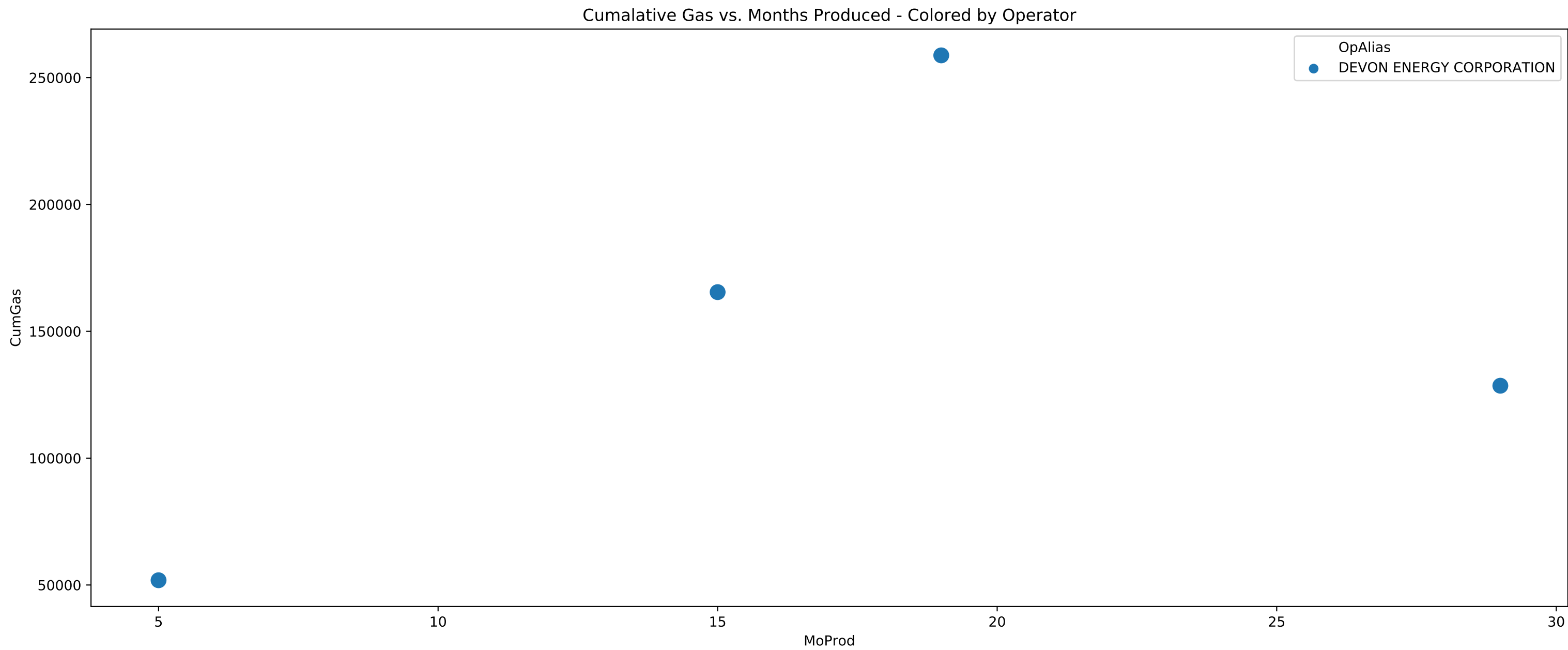
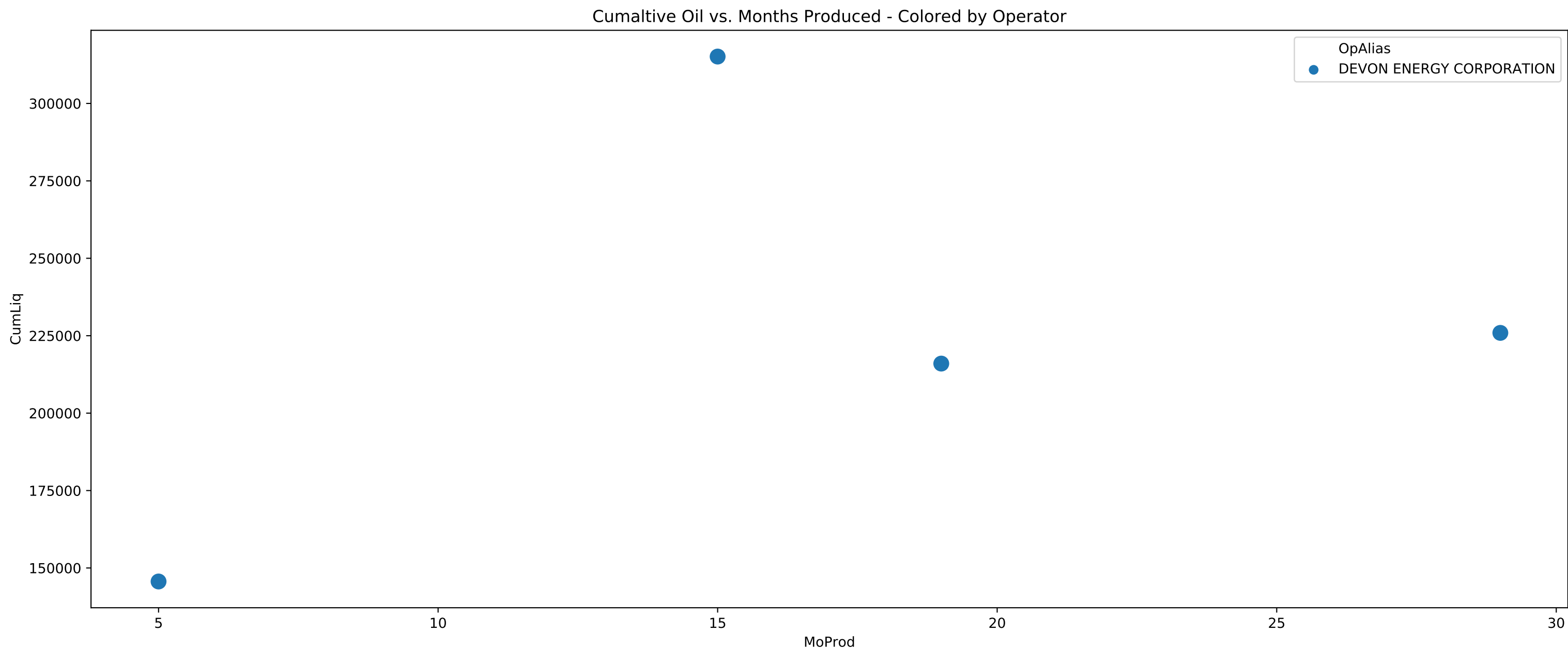
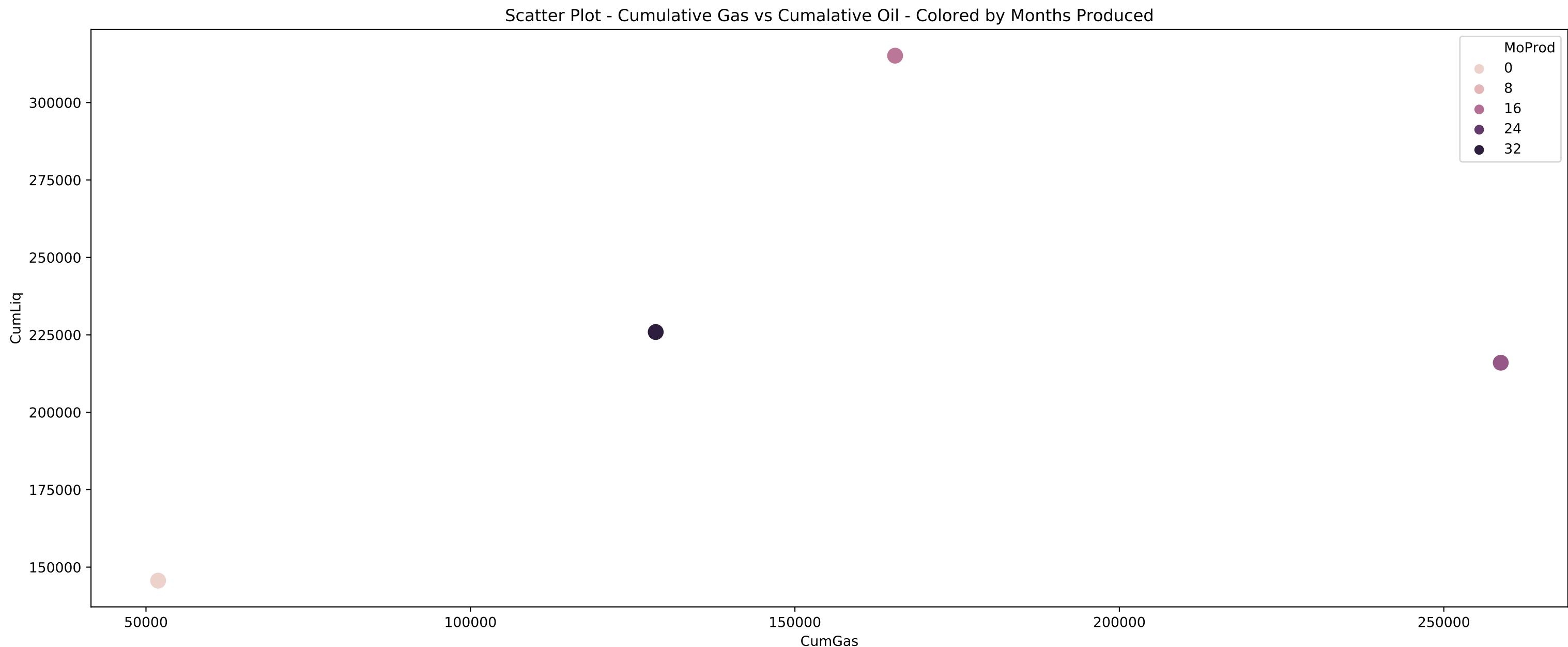
## Permits by Well Type (H,D,V)



## Permit Horizontal Lengths - Binned

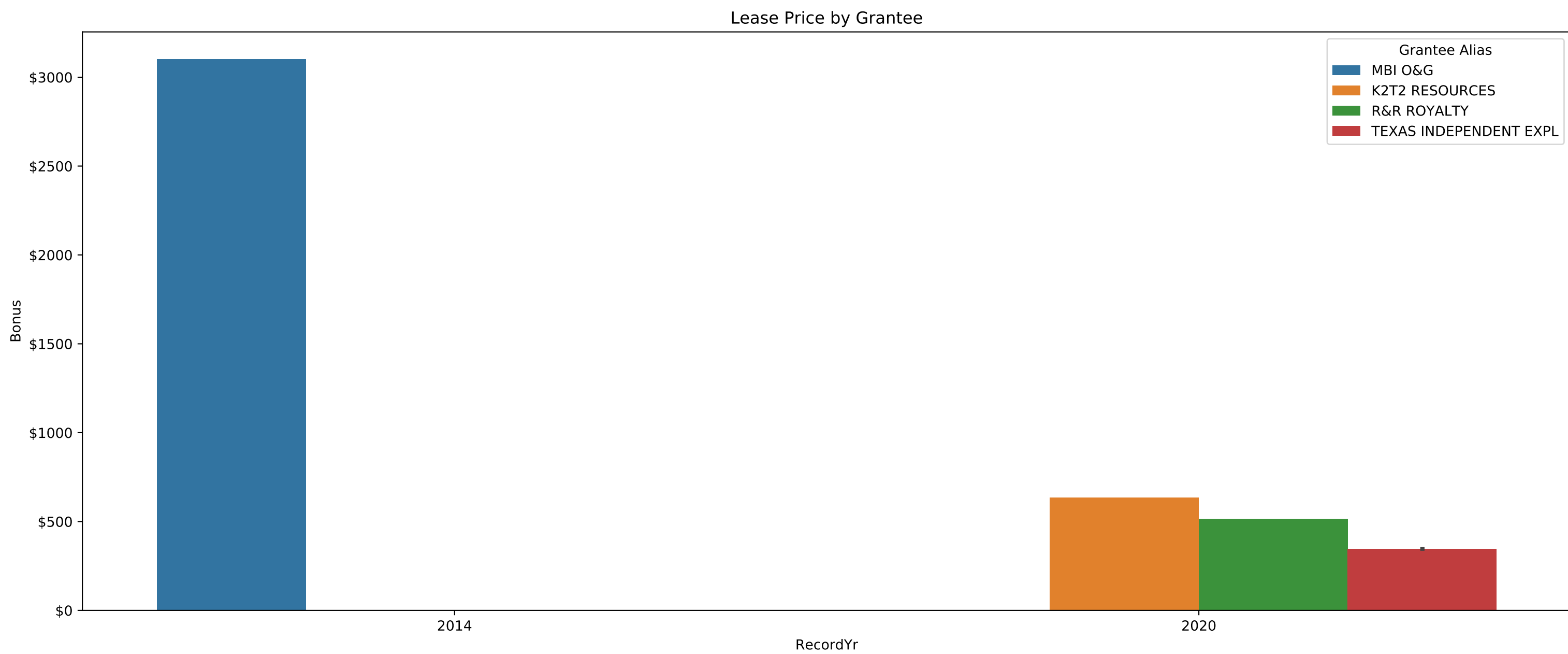
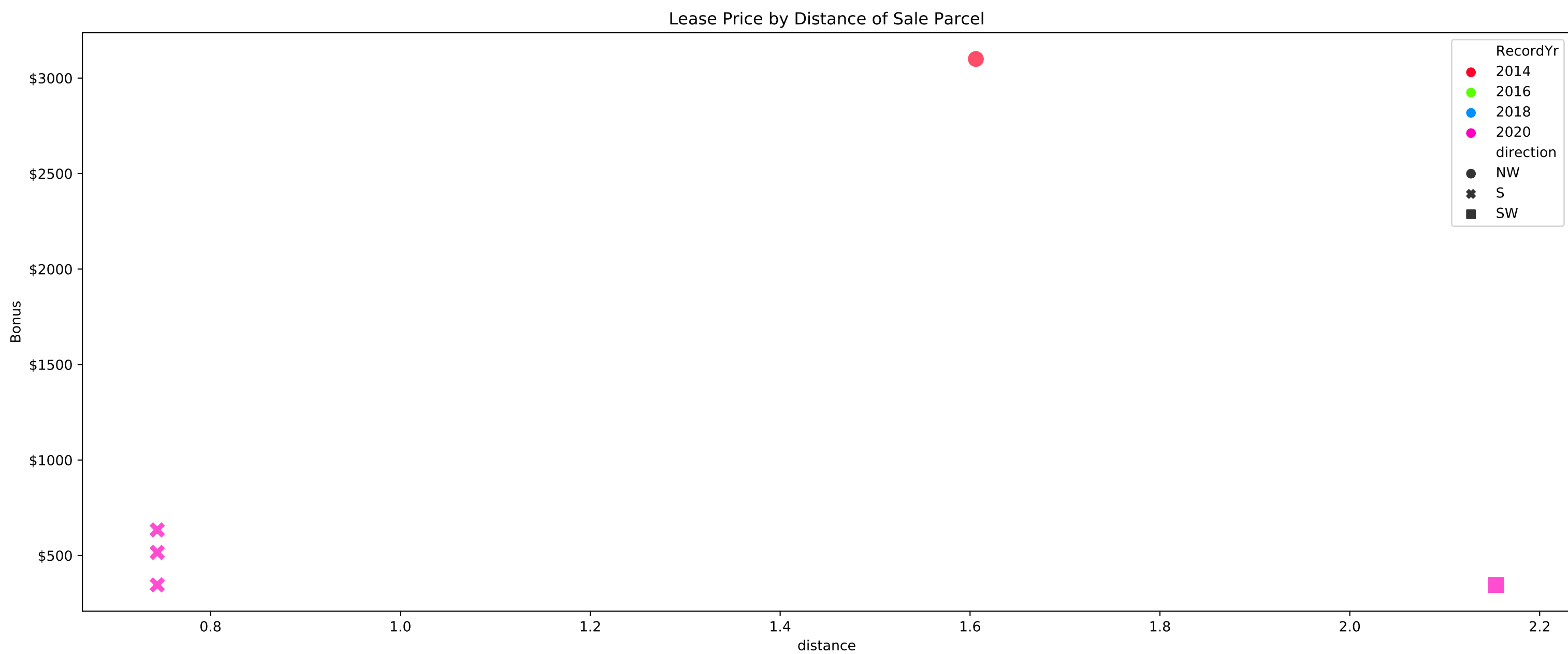
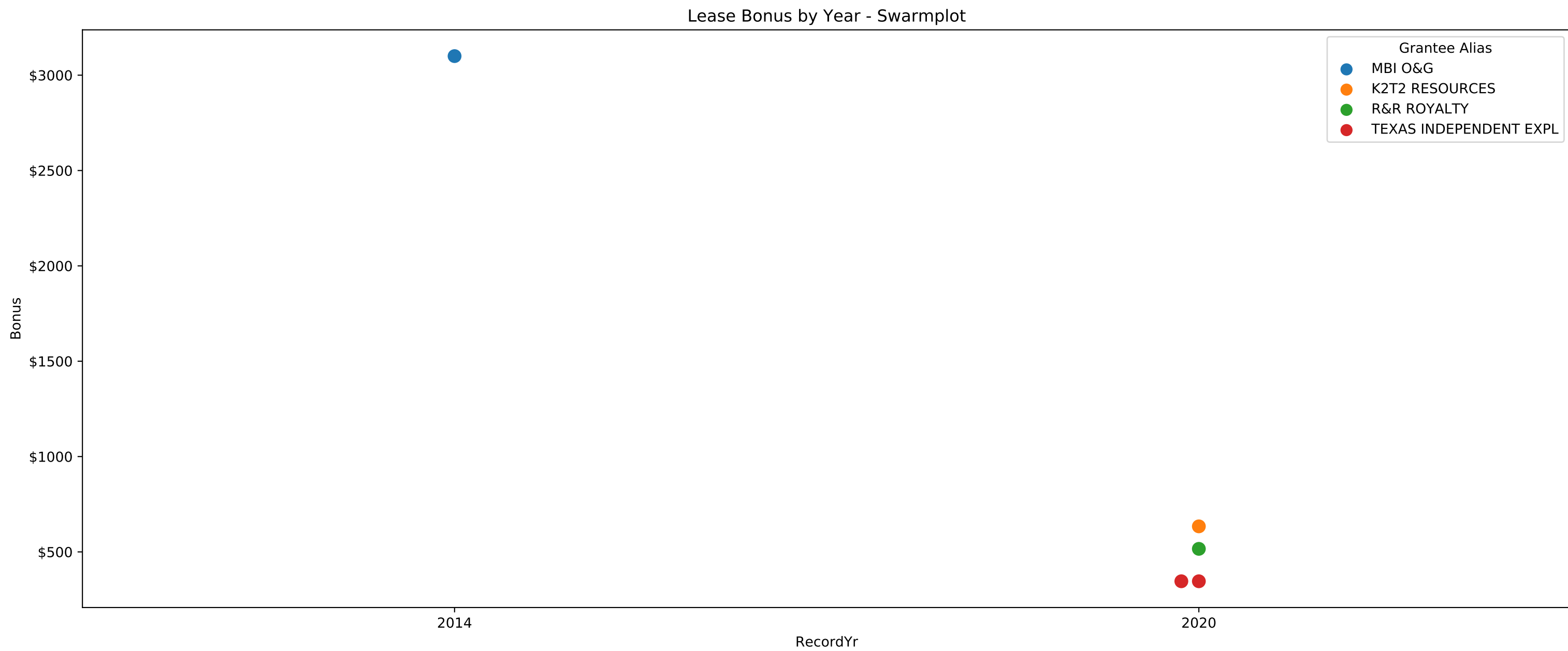


Production Dashboard for tract 127

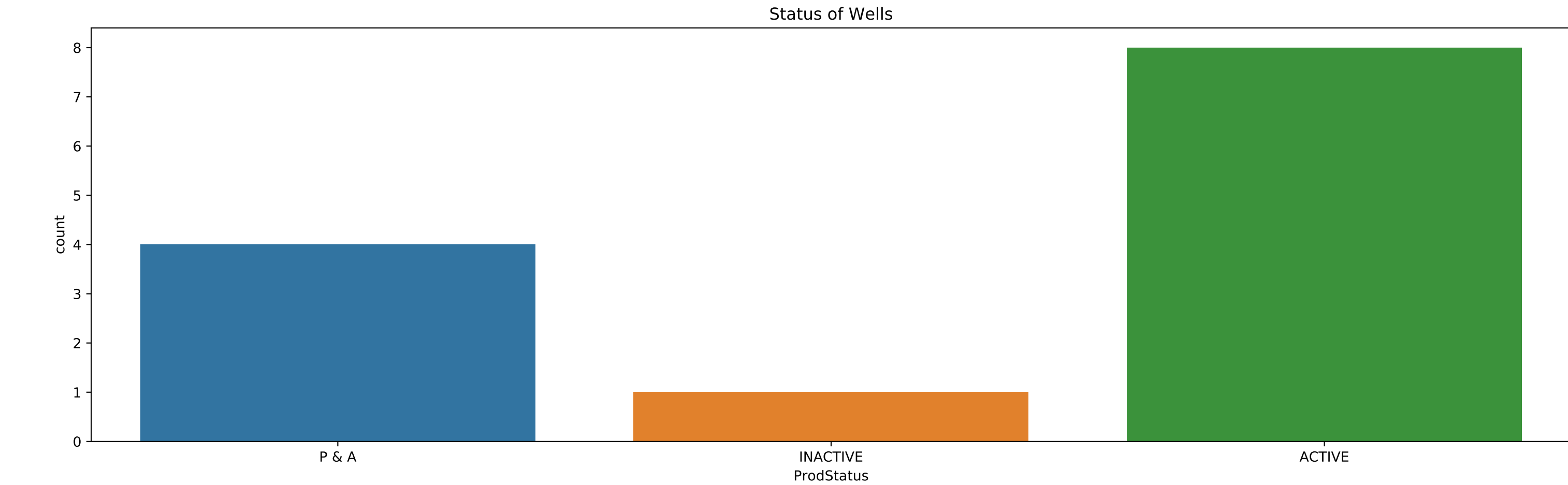
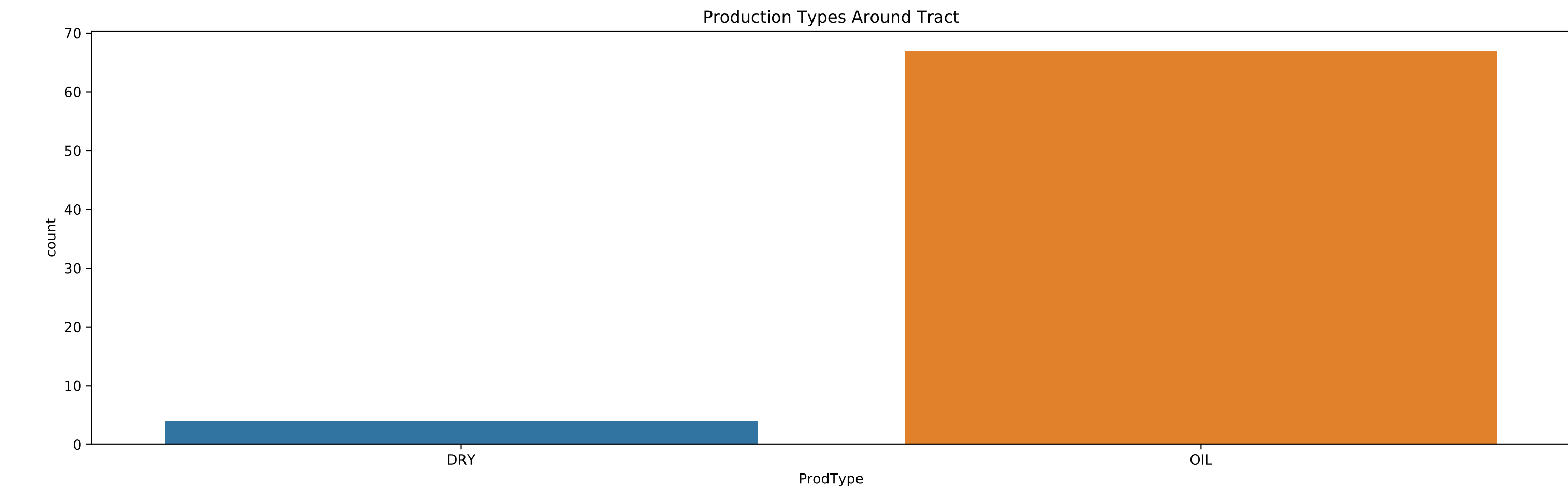
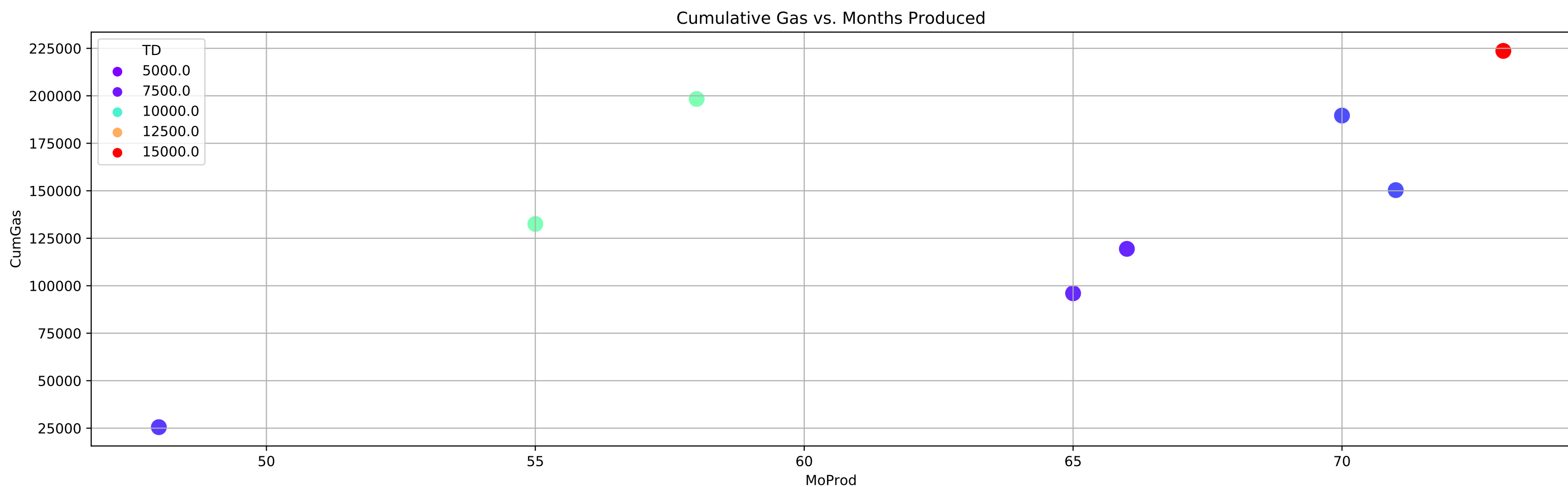
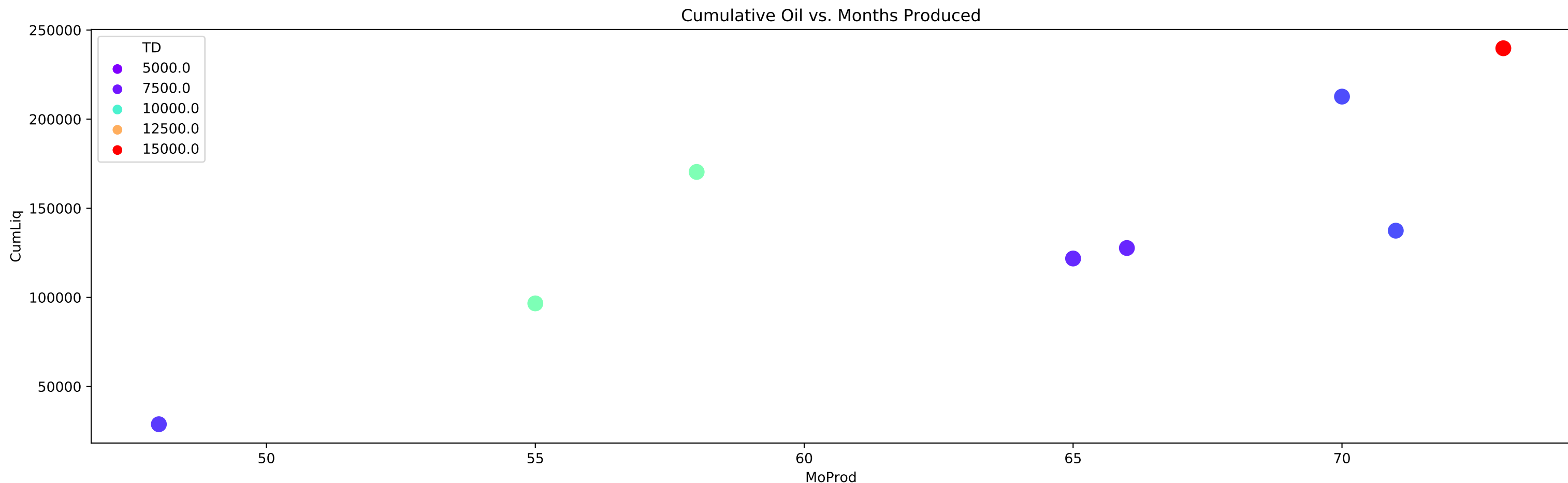




Lease Summary for tract 127  
Total Number of Leases: 5  
Average Price \$460/acre in 2020



# Old Production Outside of Tract 127 - 3 Mi Radius



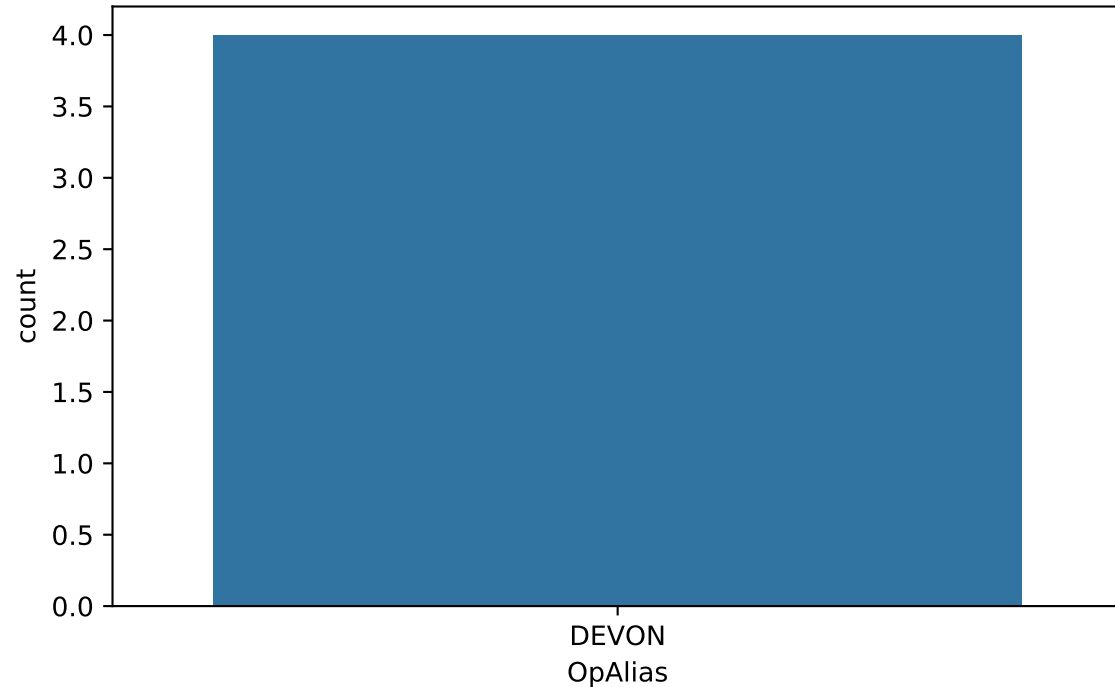
# Permit Summary for Tract 128

Total permits: 4

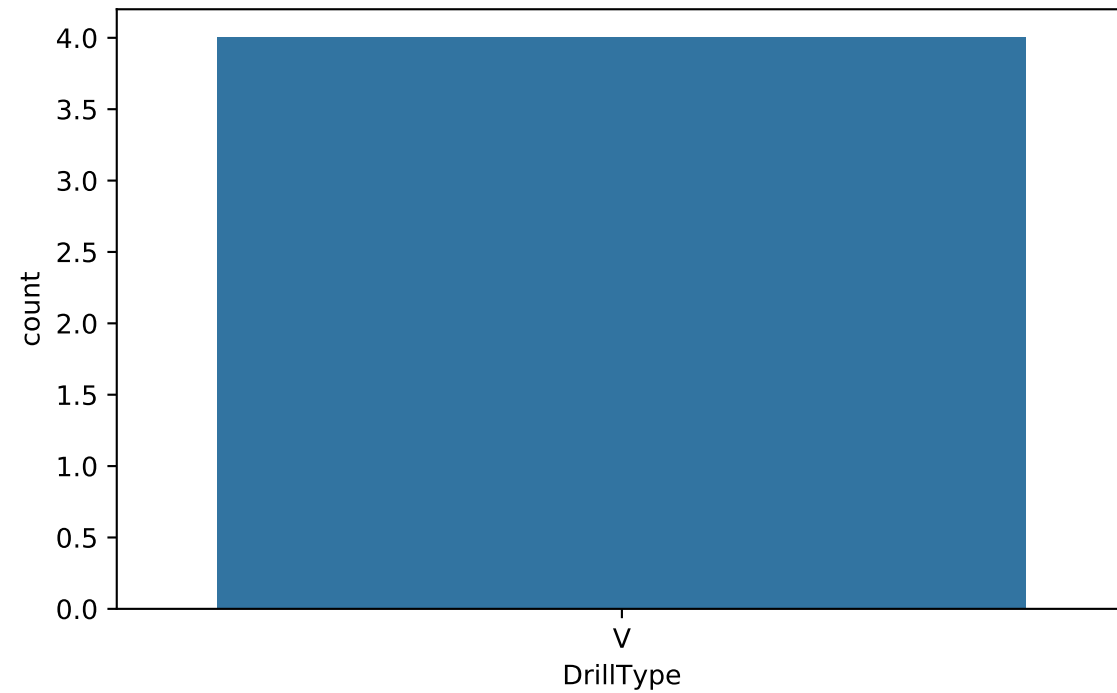
## Permits by Well Status



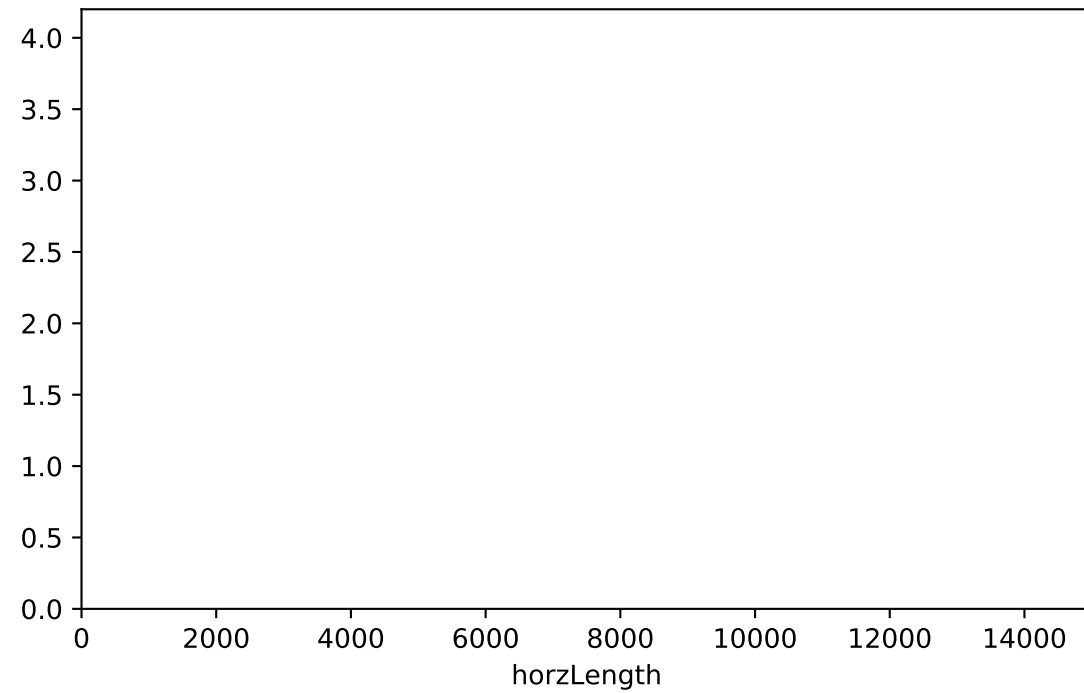
## Permits by Operator



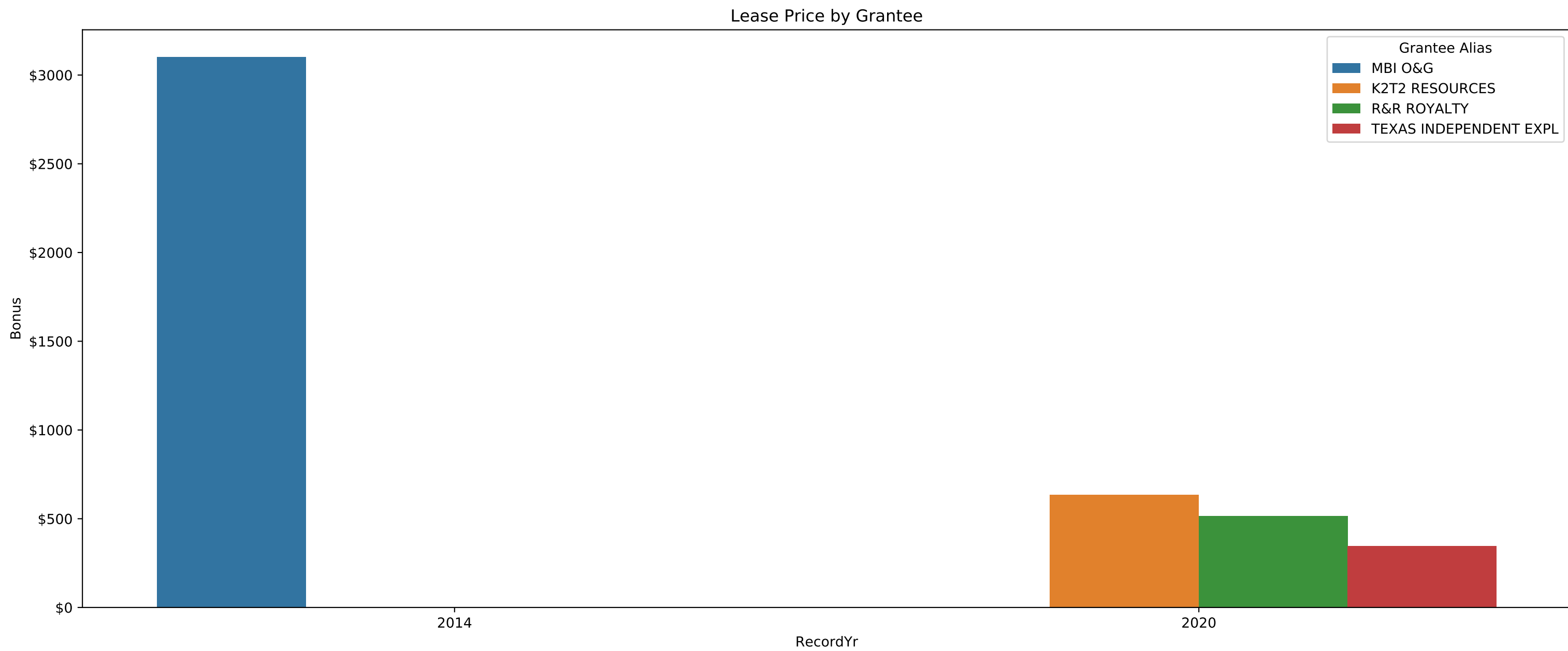
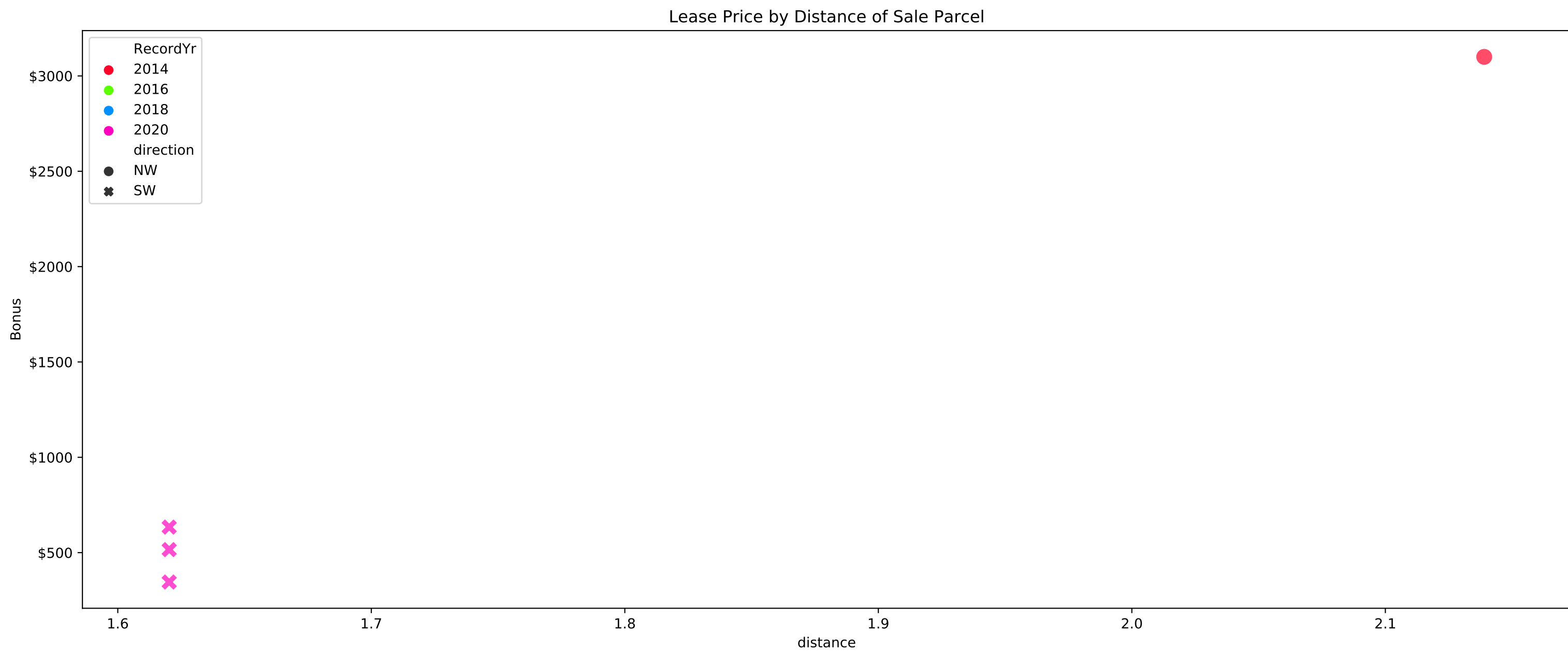
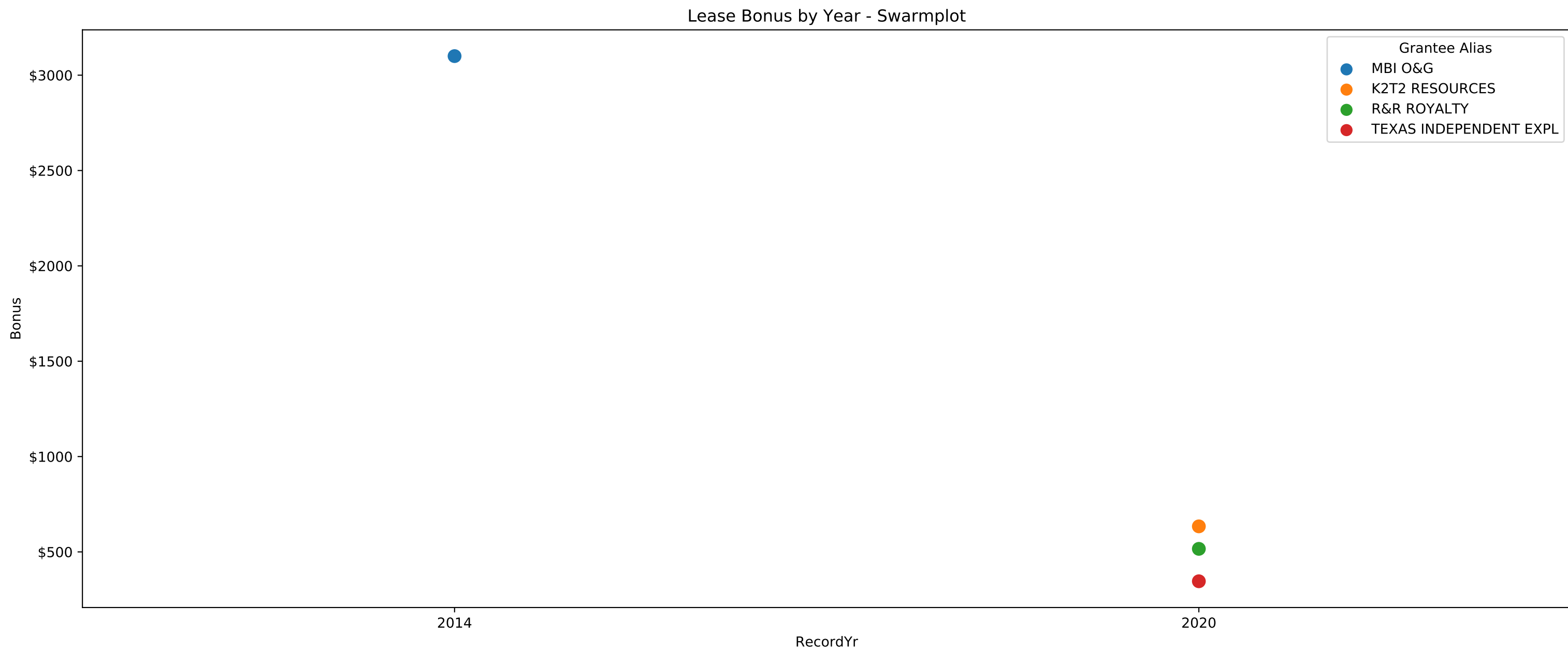
## Permits by Well Type (H,D,V)



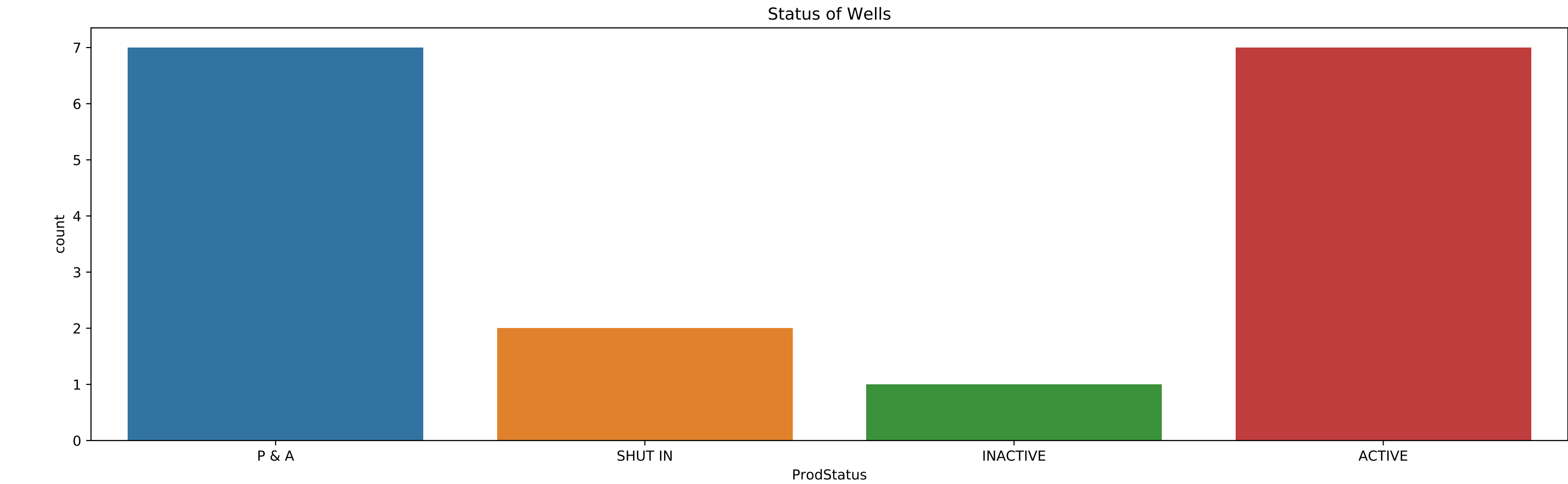
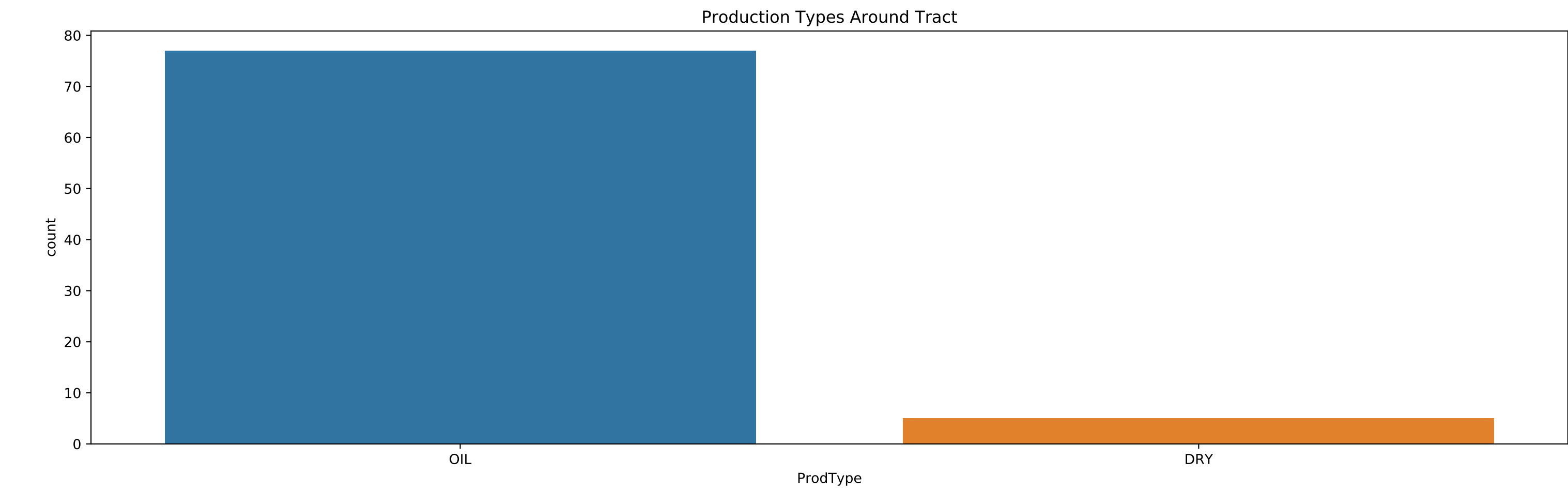
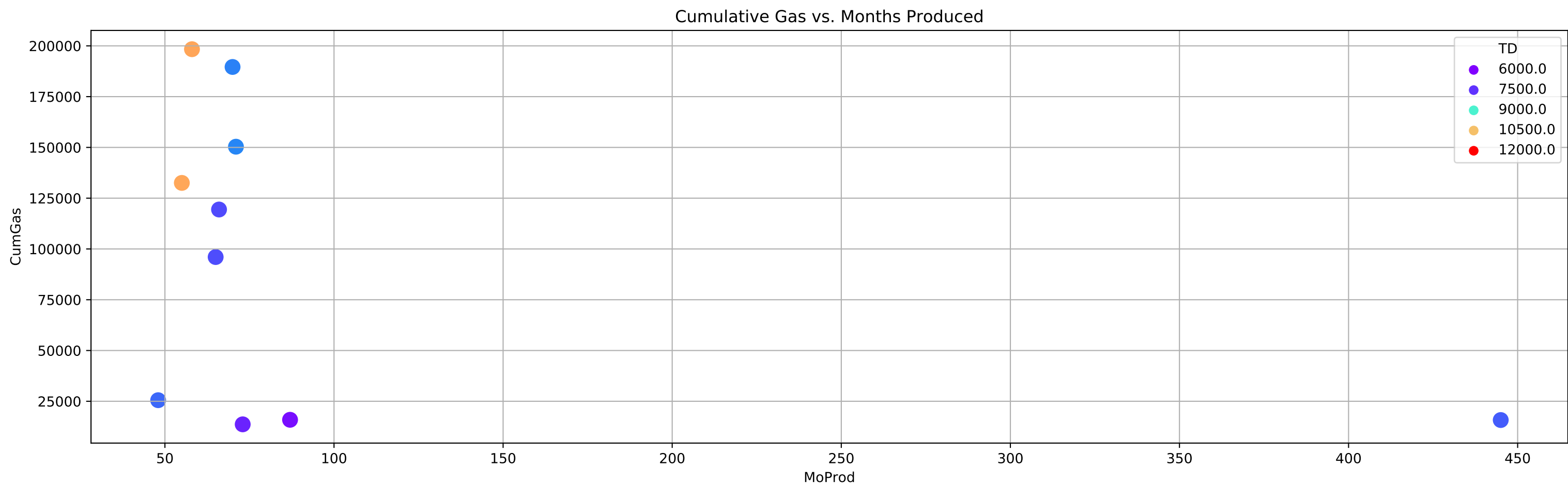
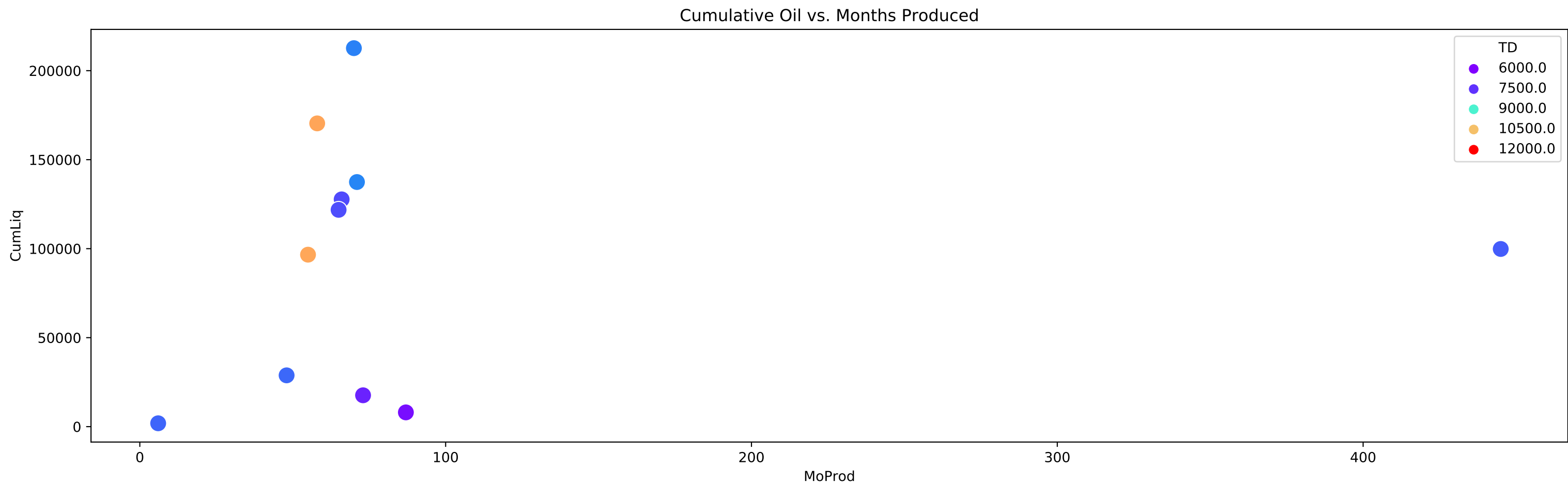
## Permit Horizontal Lengths - Binned



Lease Summary for tract 128  
Total Number of Leases: 4  
Average Price \$499/acre in 2020



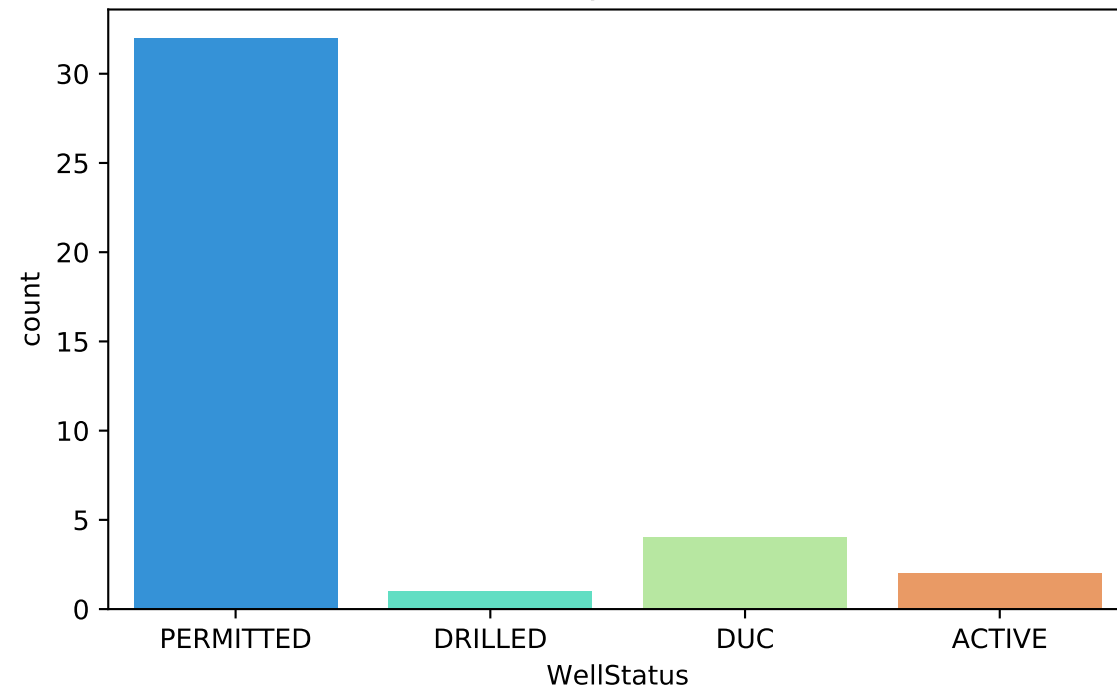
Old Production Outside of Tract 128 - 3 Mi Radius



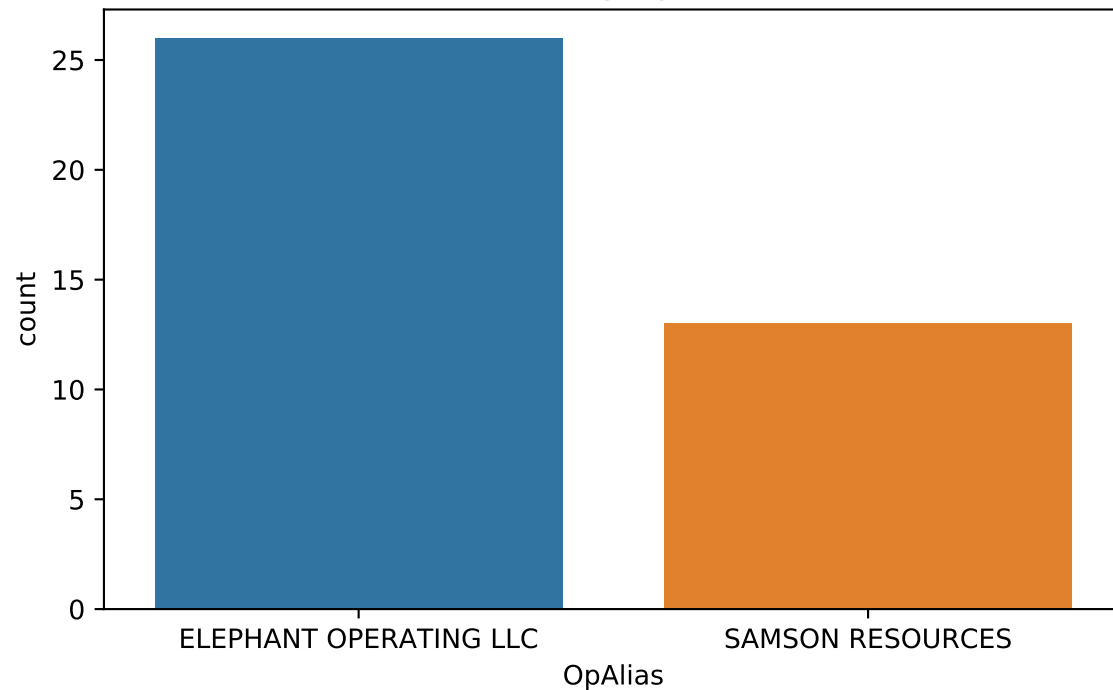
# Permit Summary for Tract 15

Total permits: 39

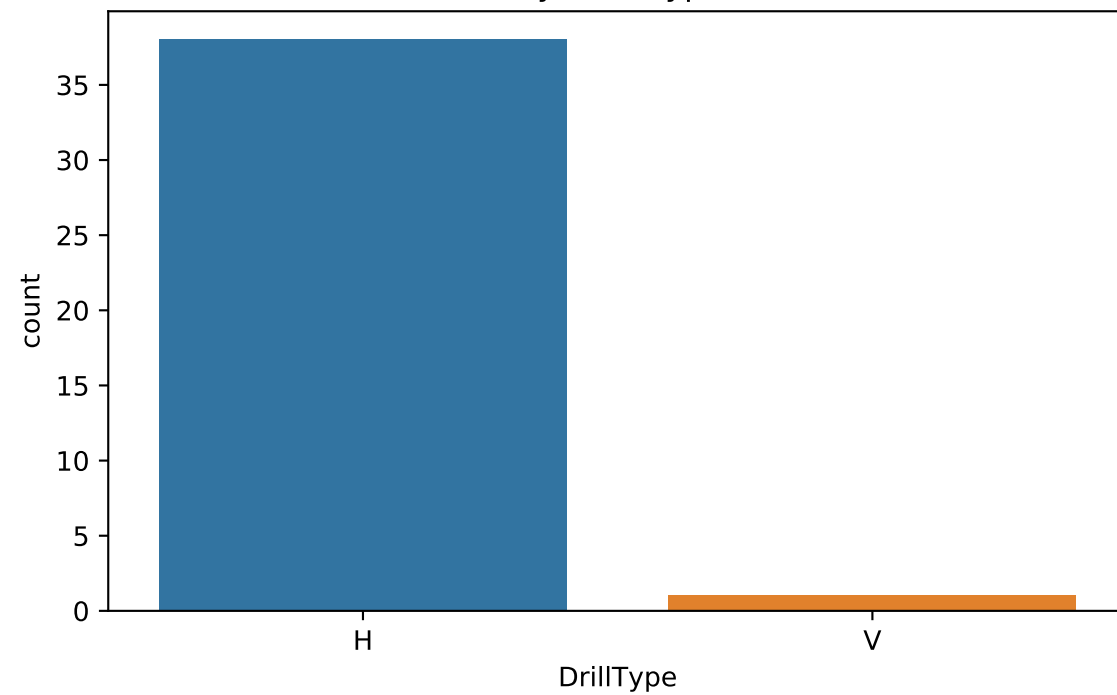
## Permits by Well Status



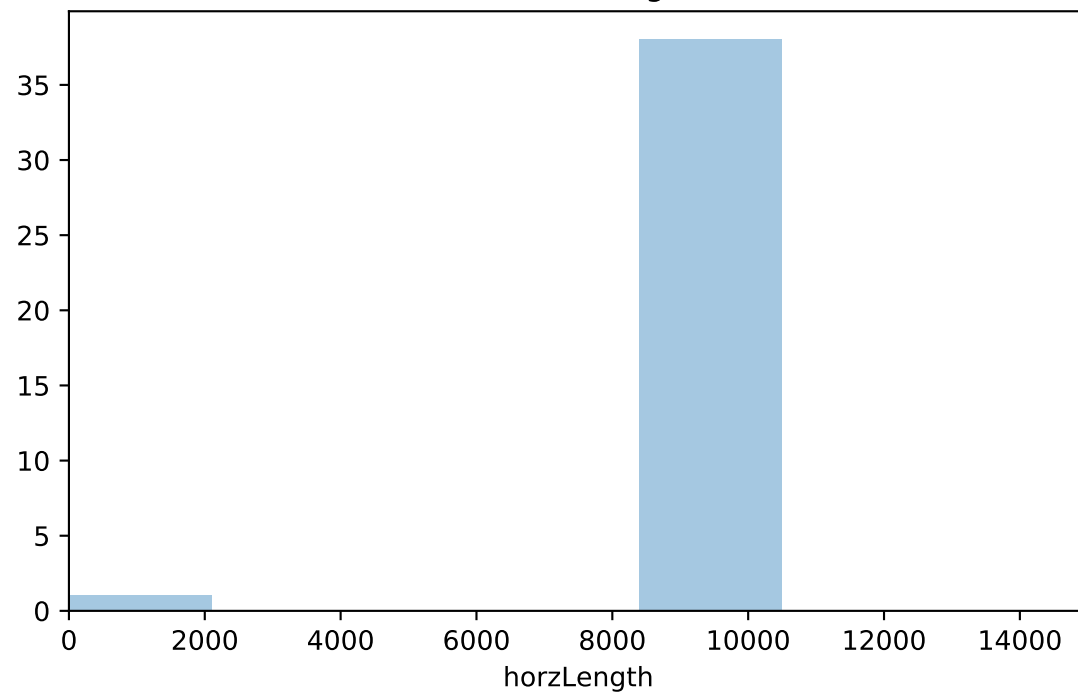
## Permits by Operator



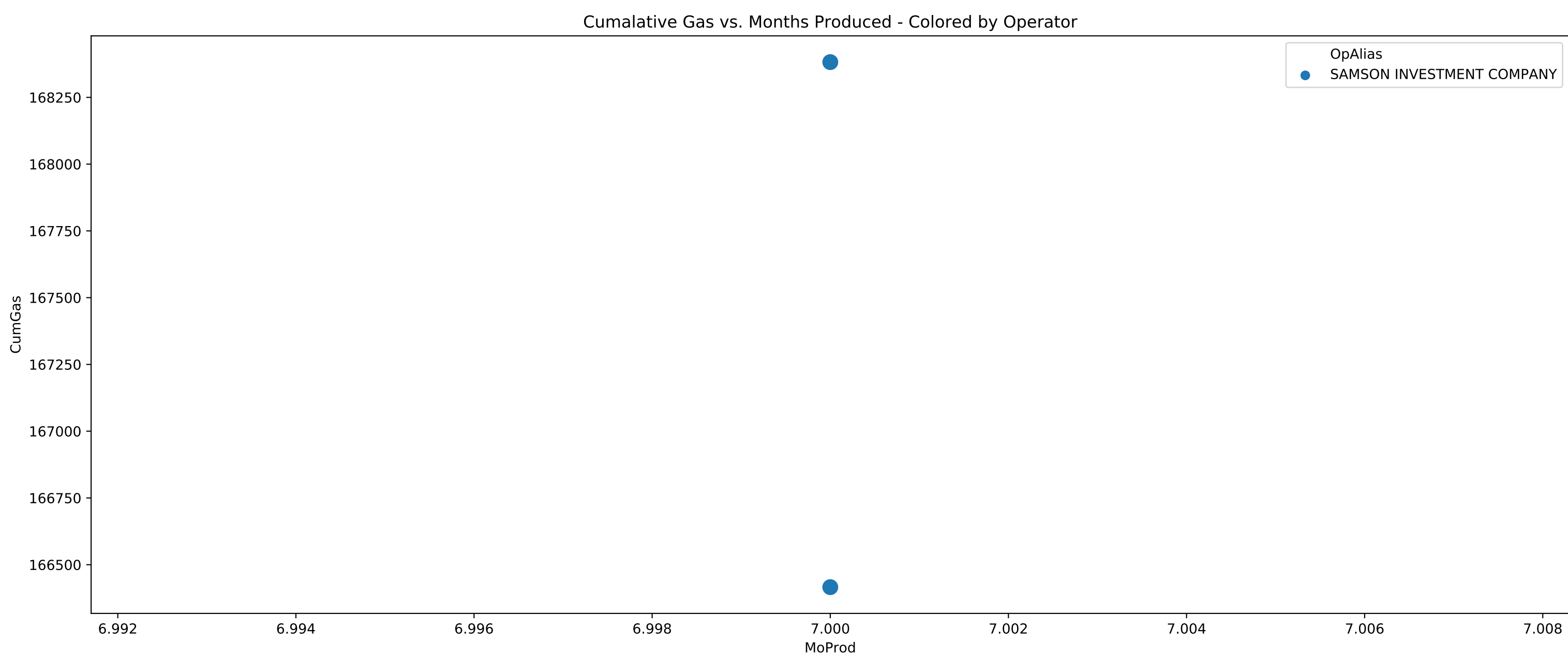
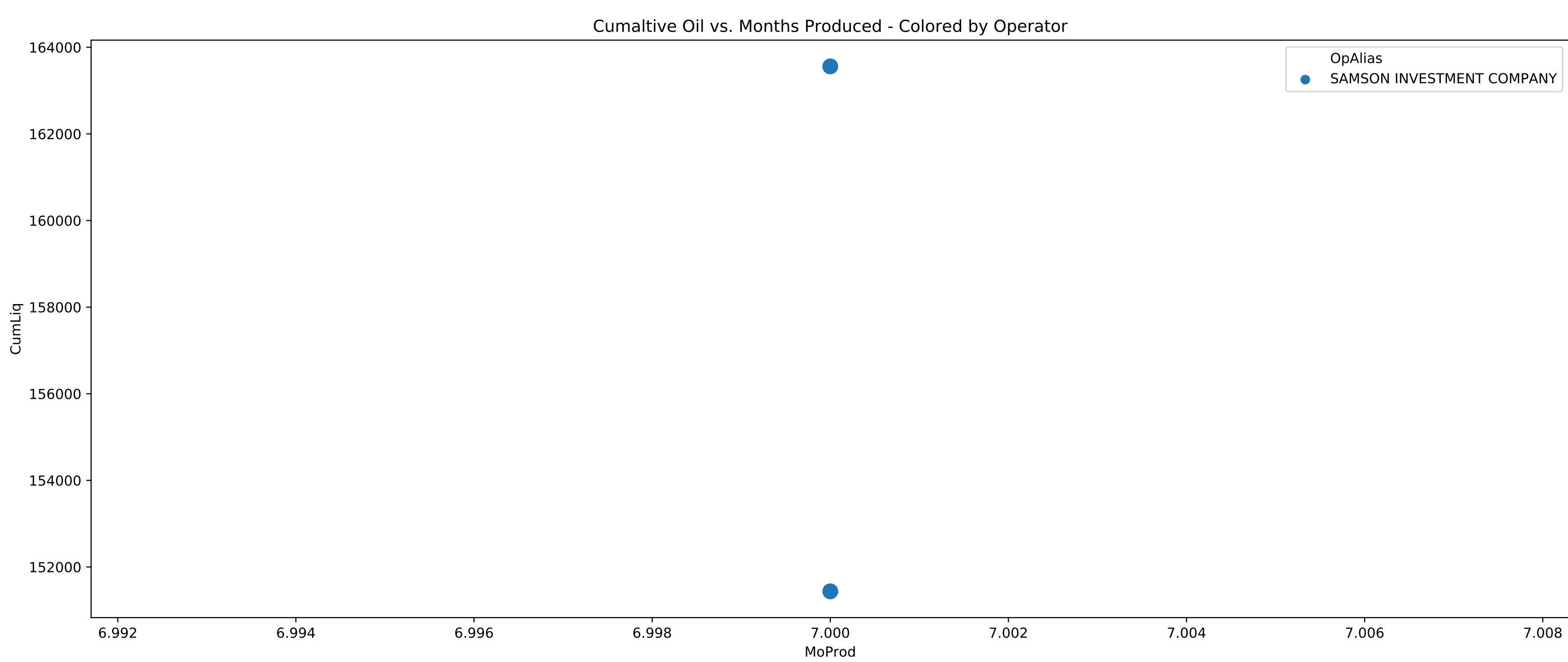
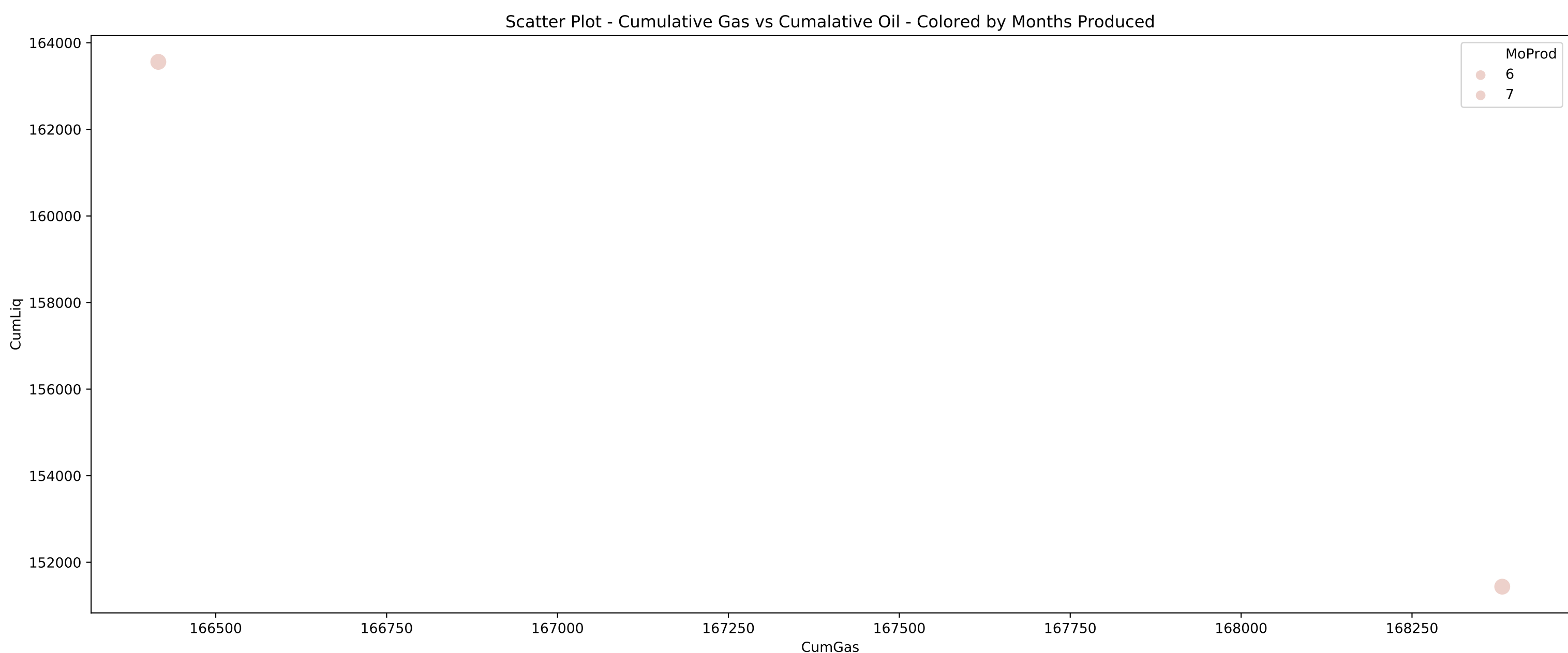
## Permits by Well Type (H,D,V)



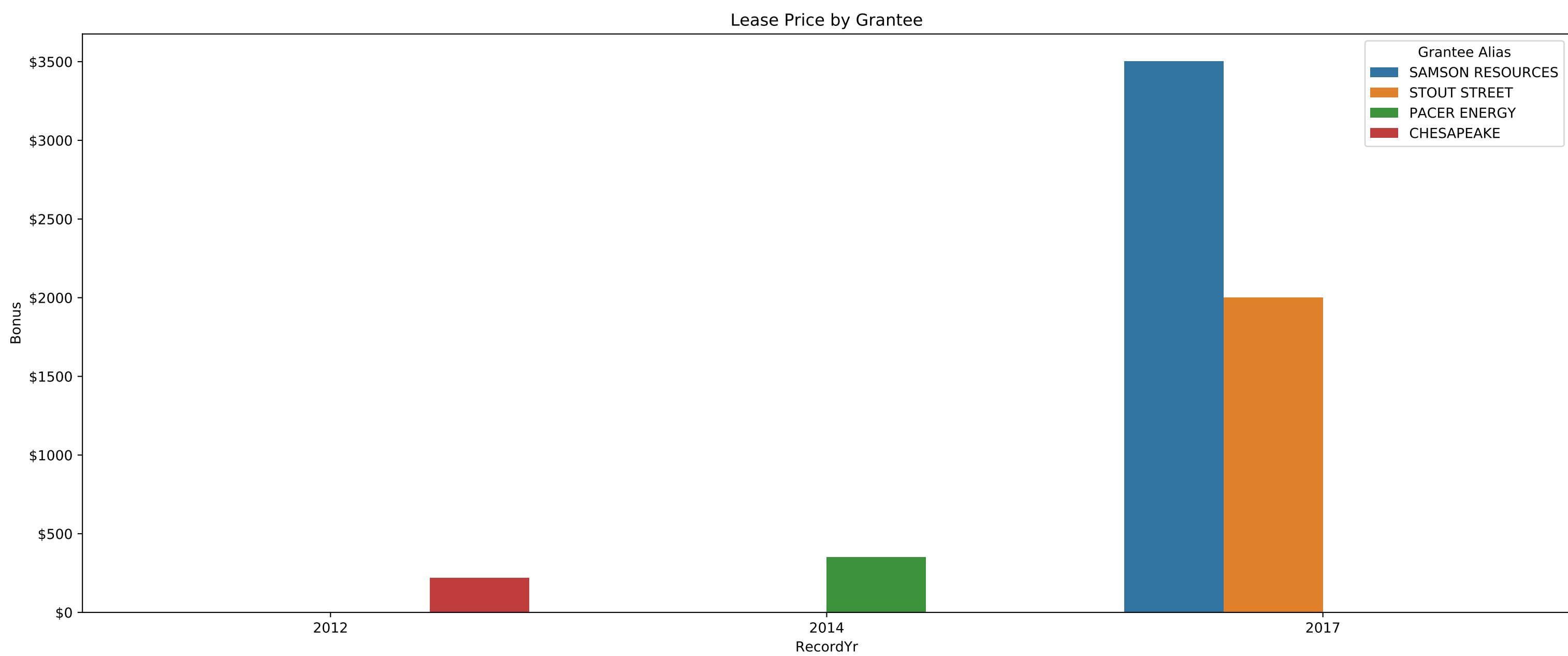
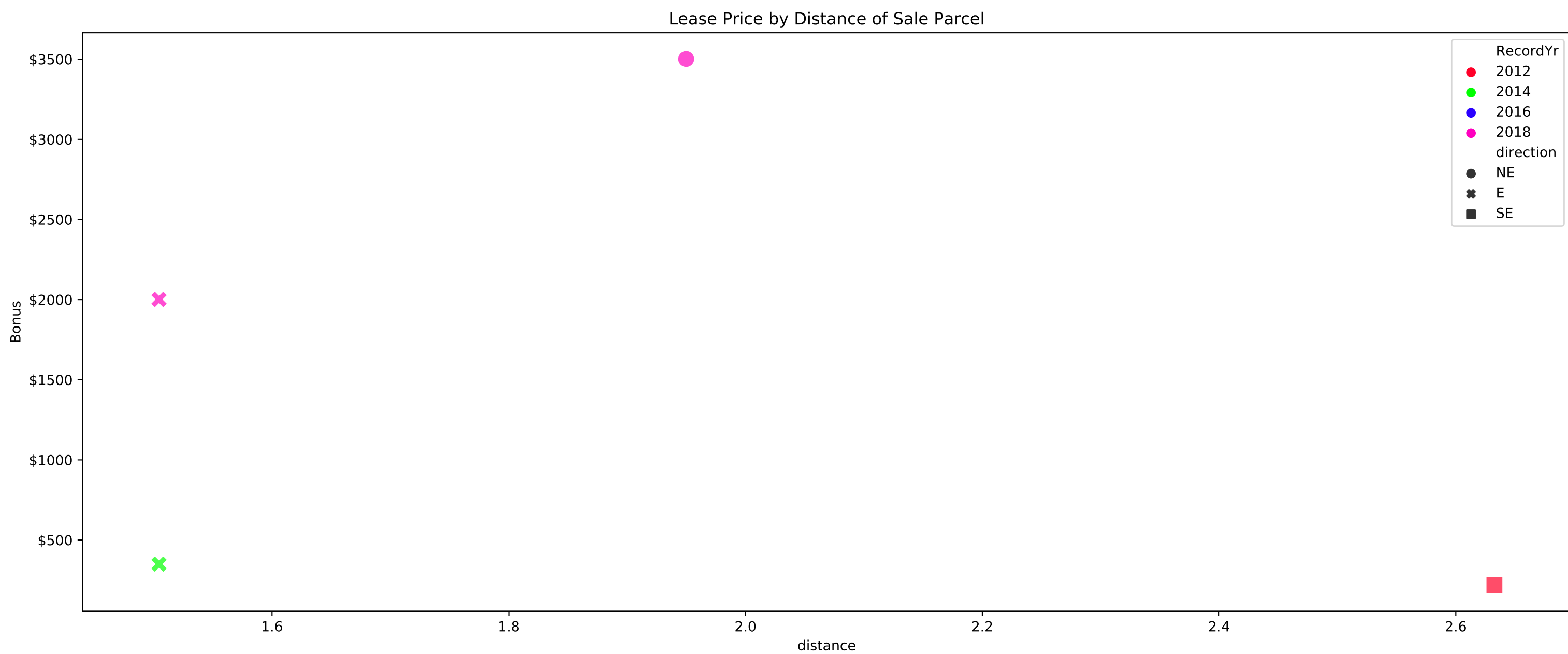
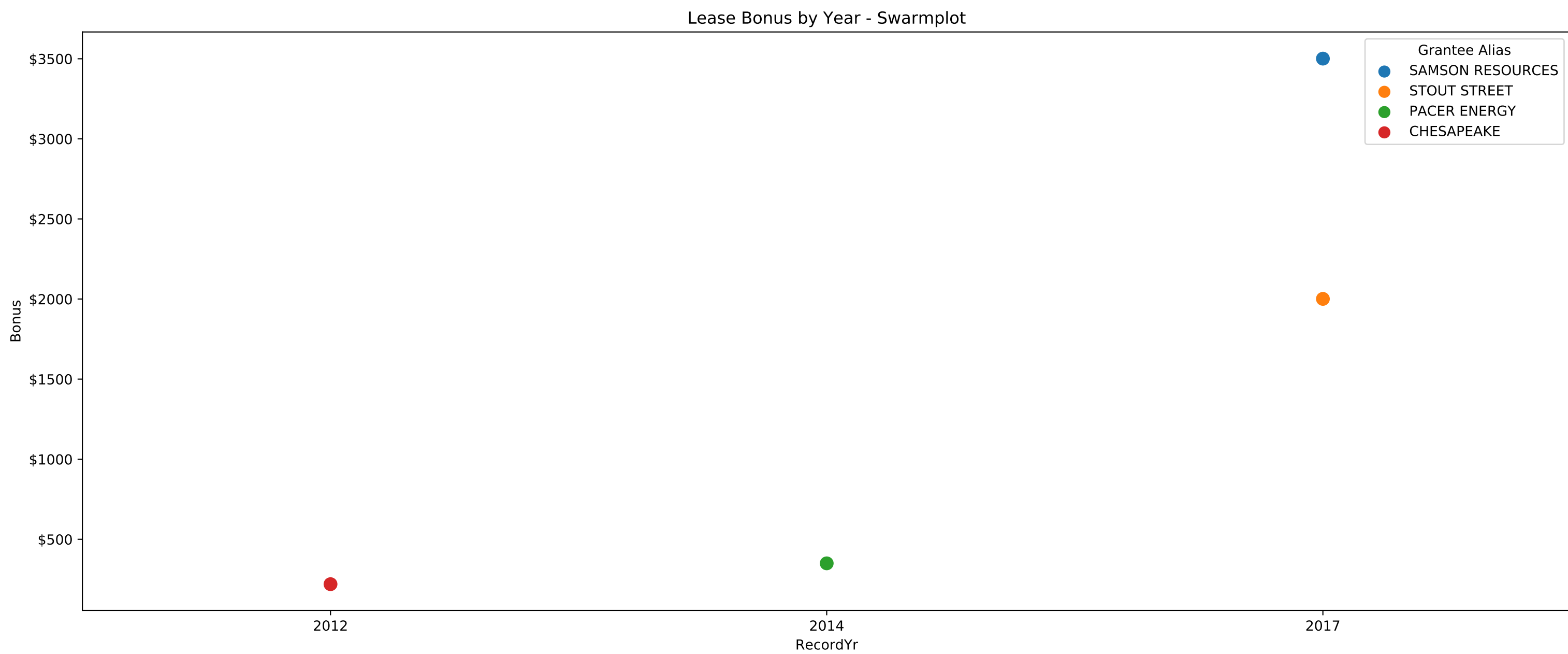
## Permit Horizontal Lengths - Binned



# Production Dashboard for tract 15

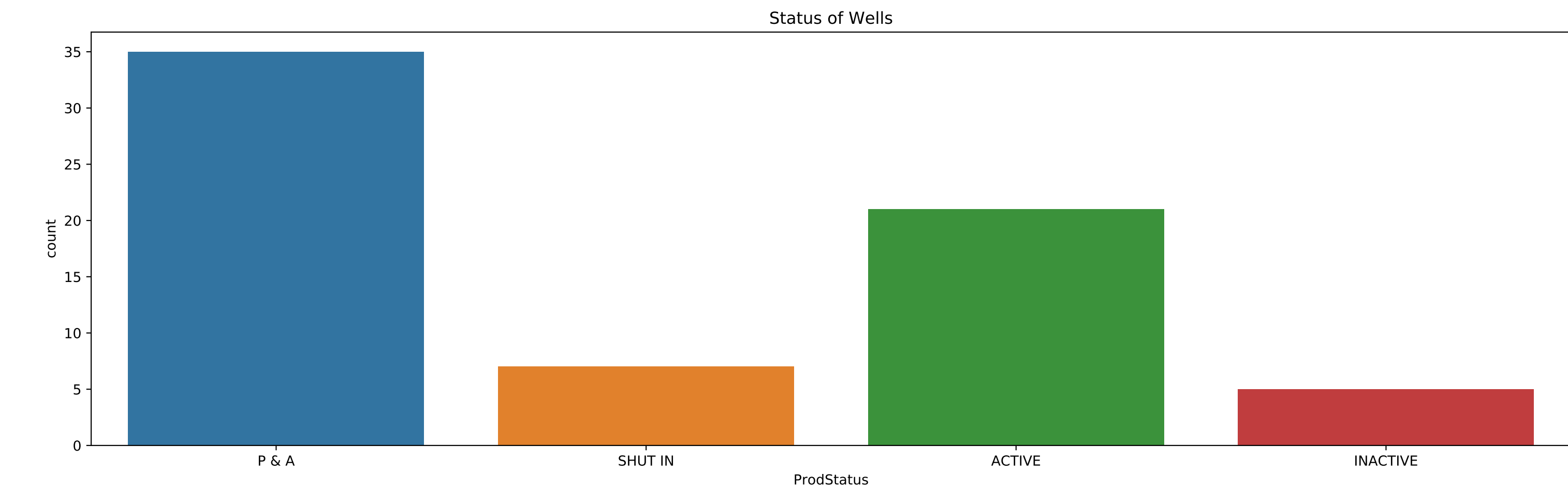
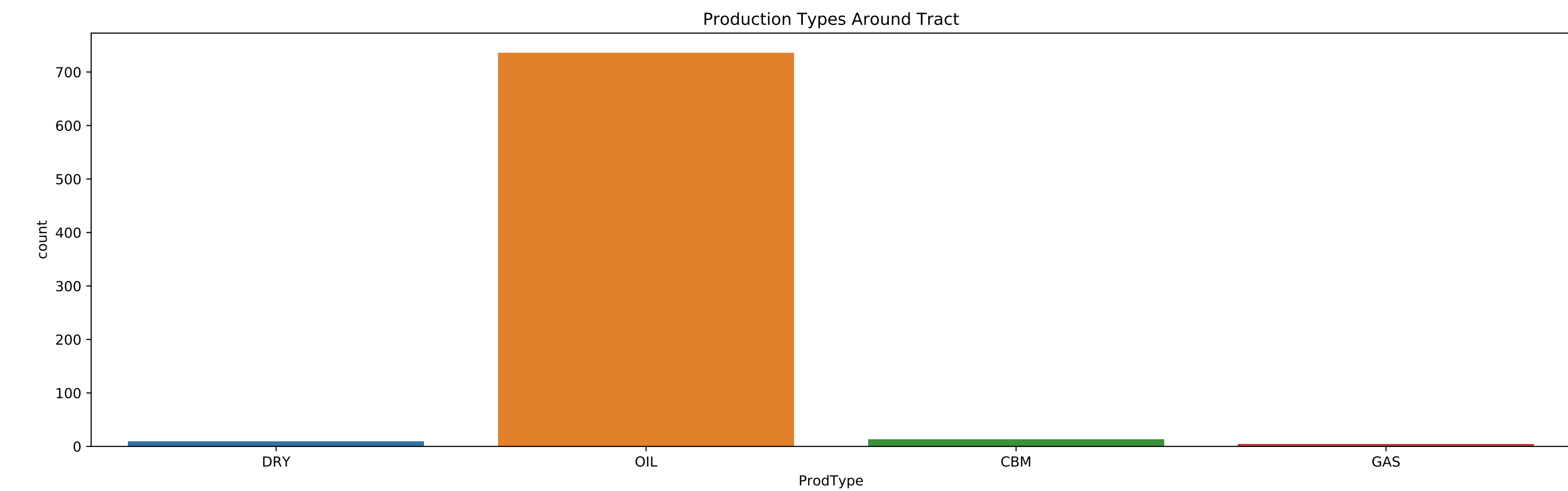
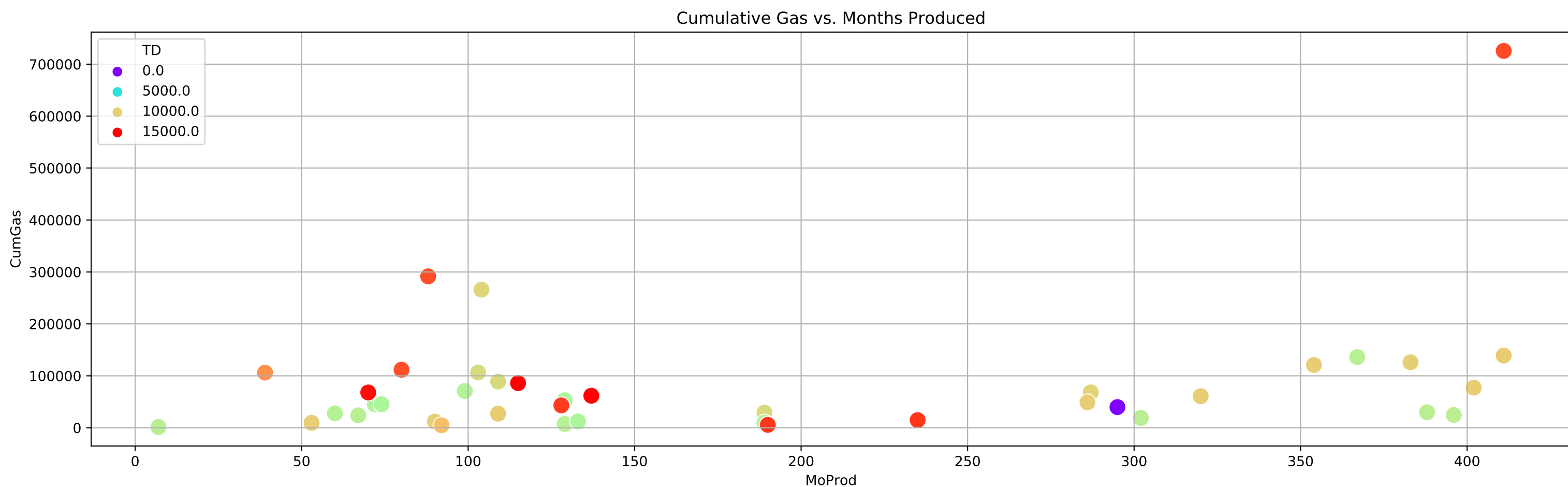
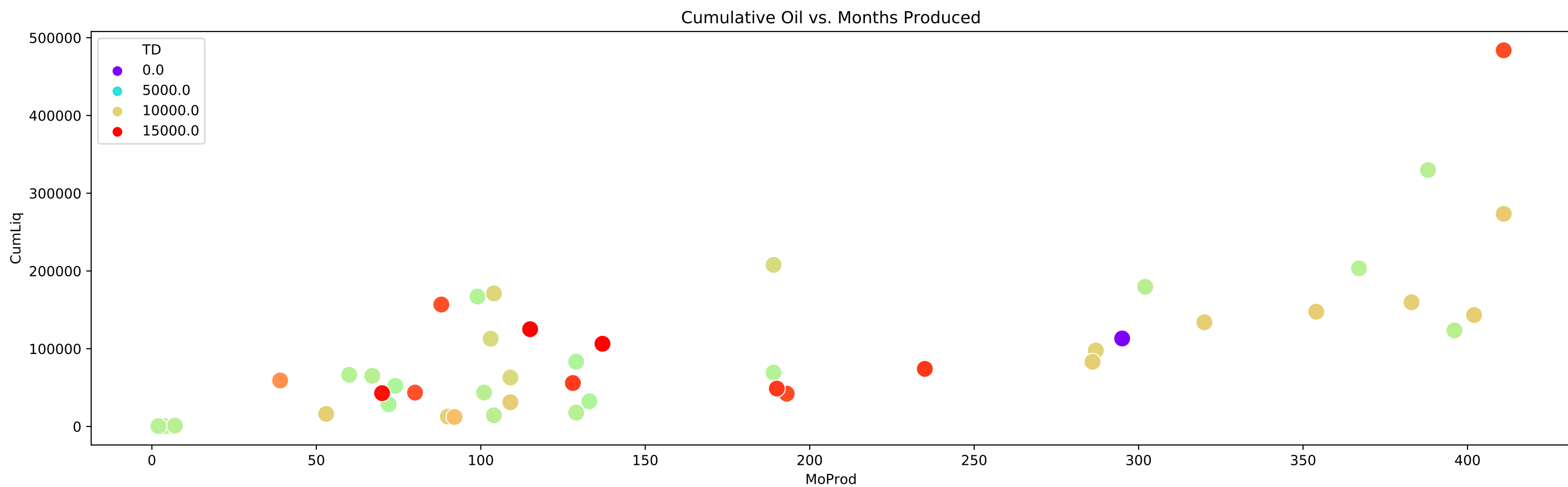


Lease Summary for tract 15  
Total Number of Leases: 4  
Average Price \$2751/acre in 2017





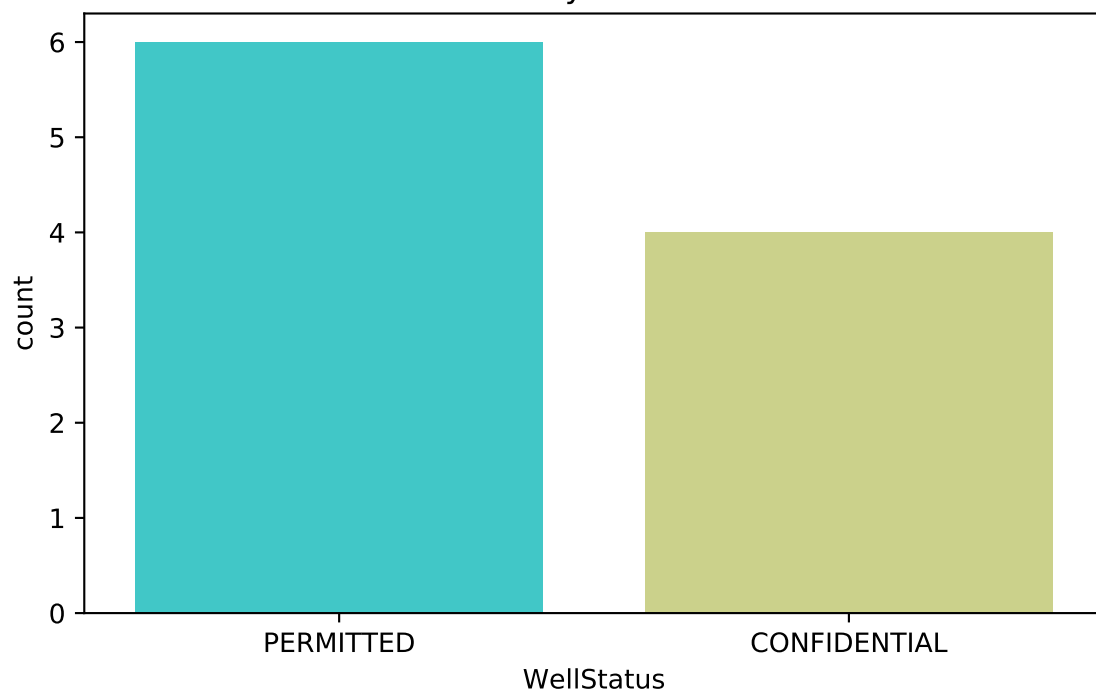
# Old Production Outside of Tract 15 - 3 Mi Radius



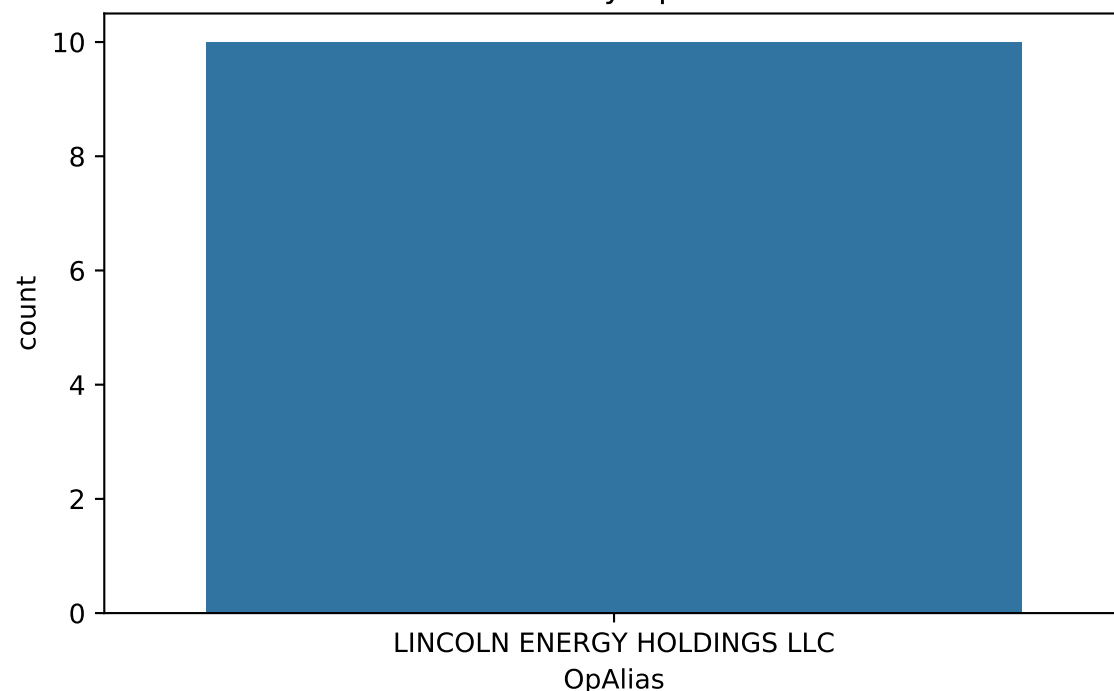
# Permit Summary for Tract 16

Total permits: 10

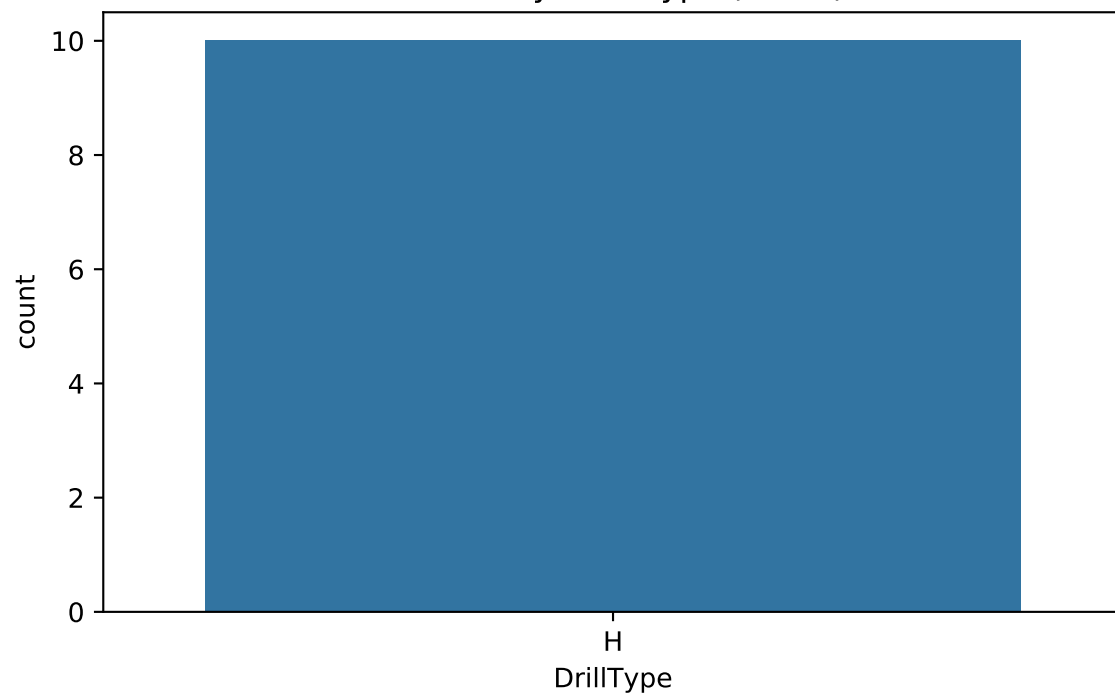
## Permits by Well Status



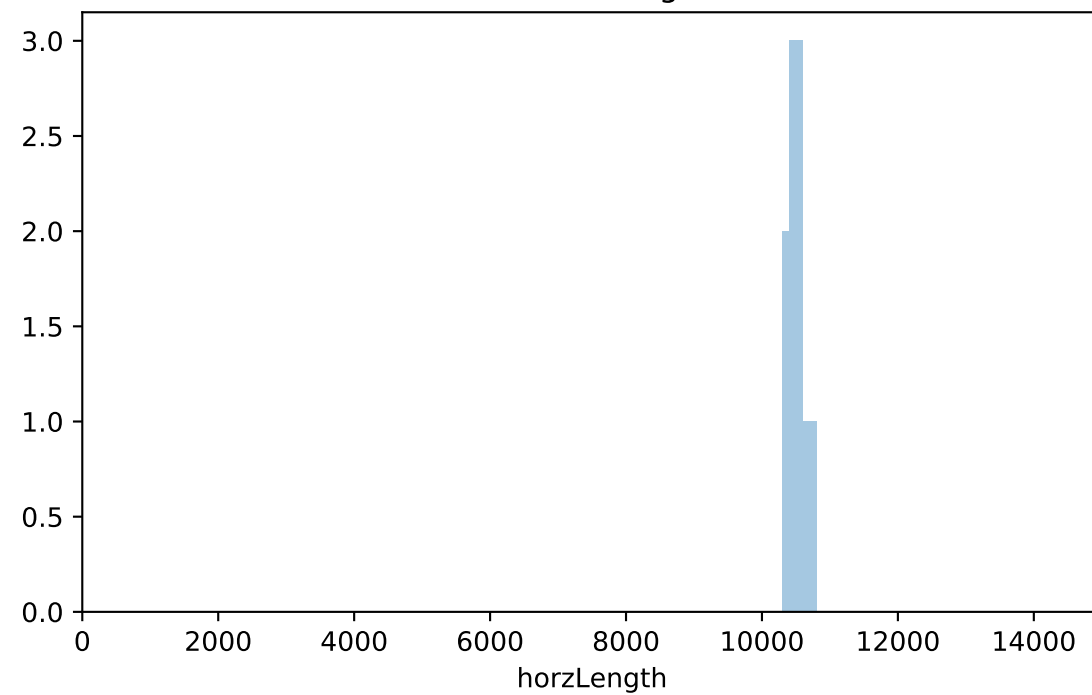
## Permits by Operator



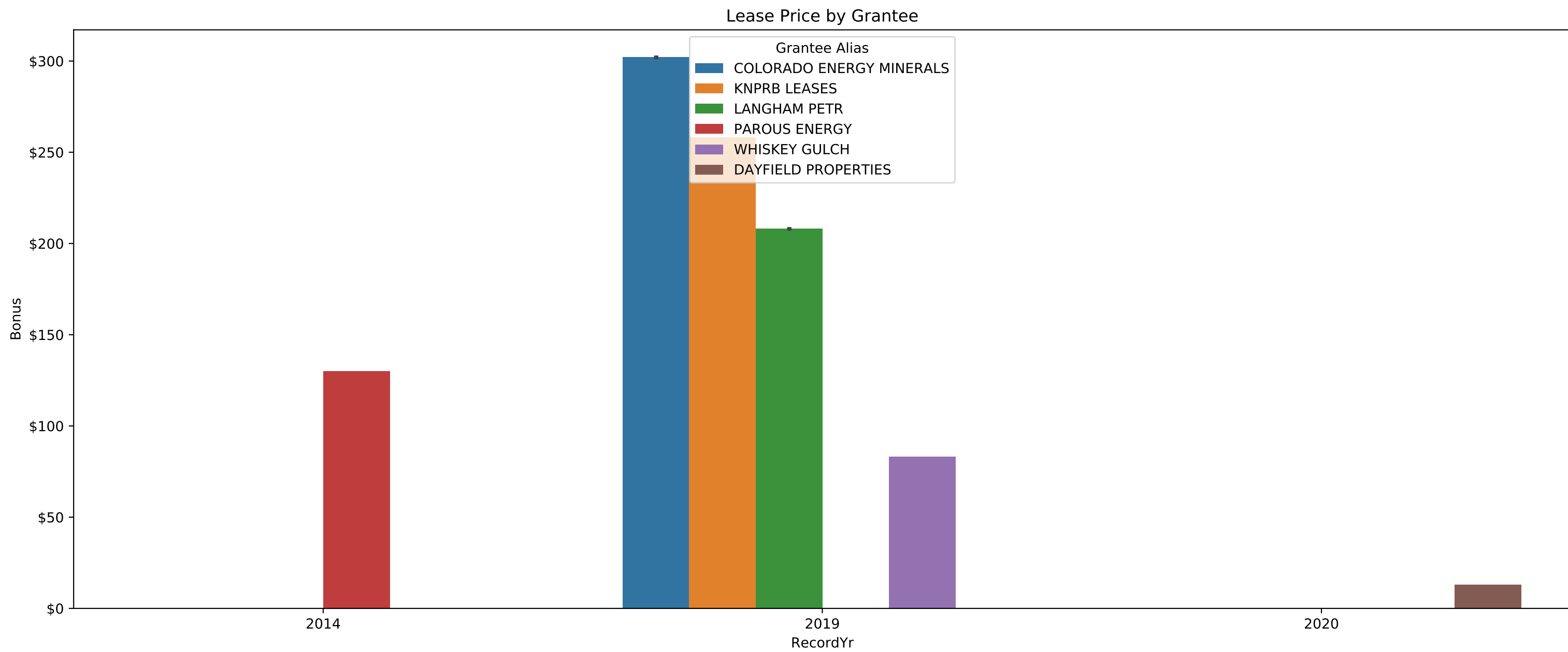
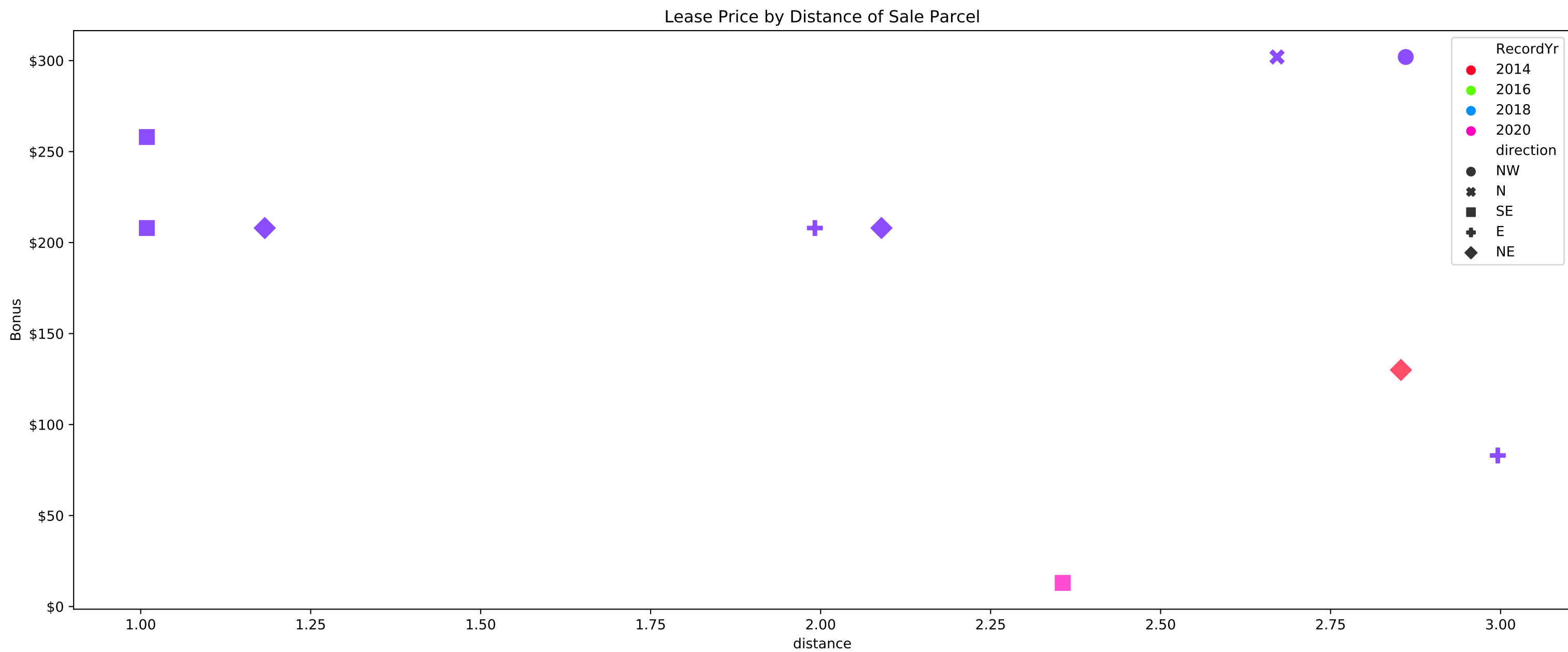
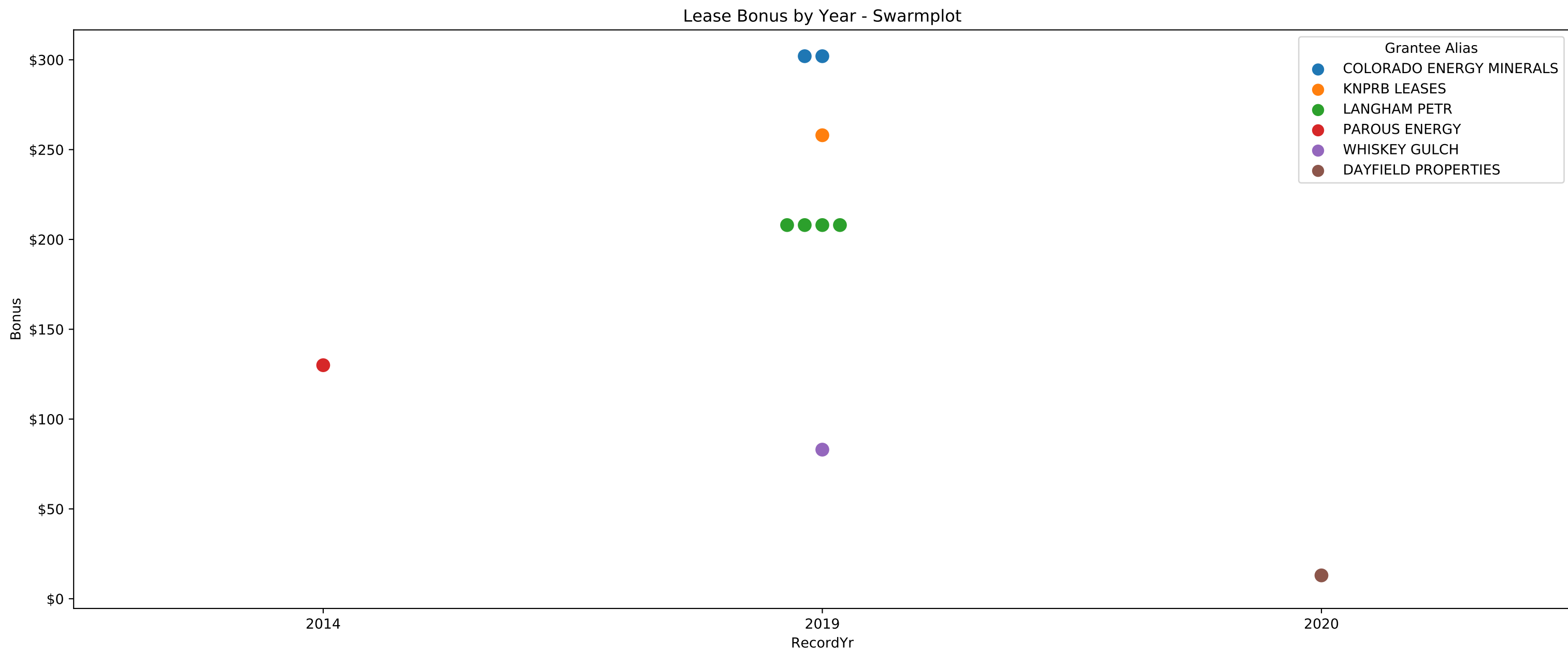
## Permits by Well Type (H,D,V)



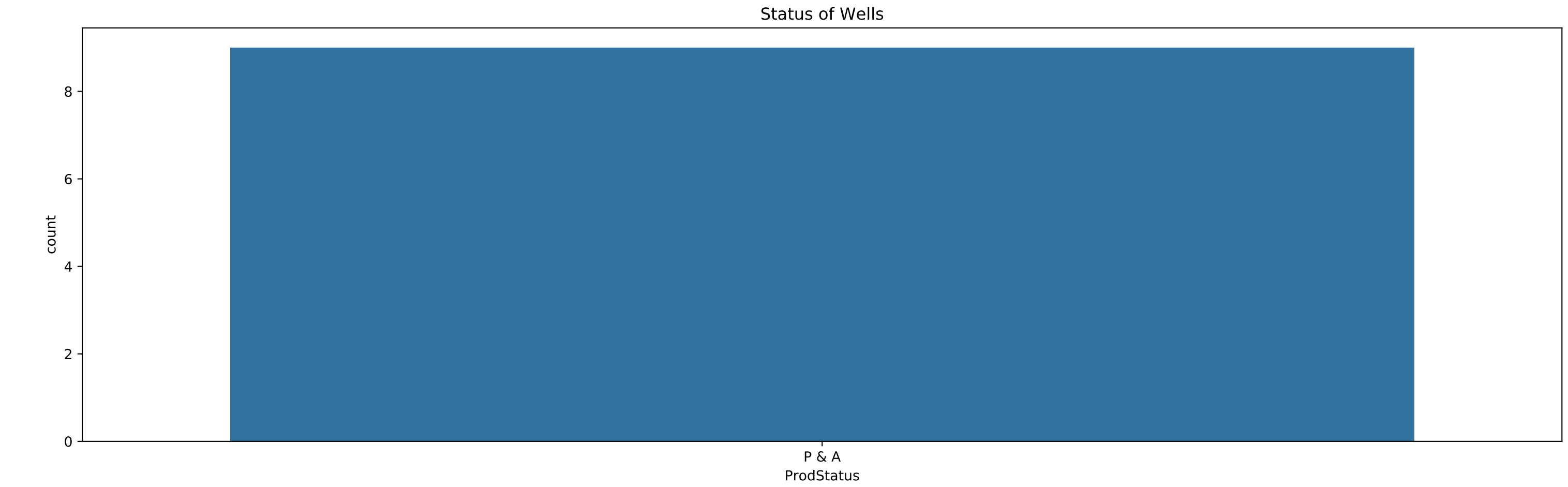
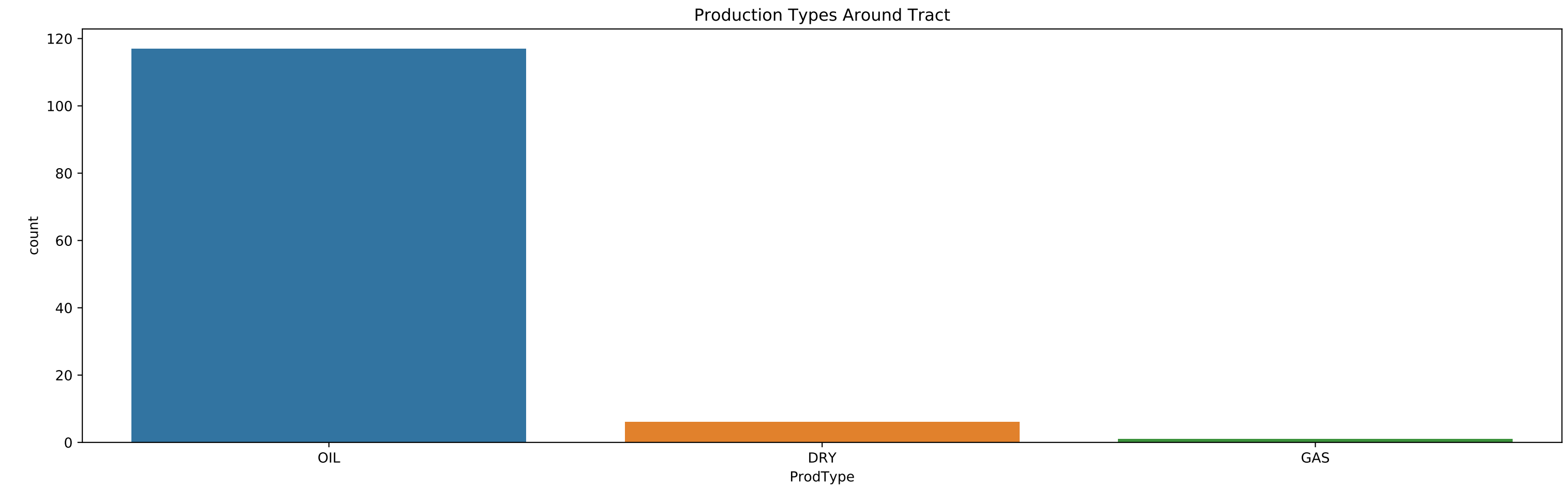
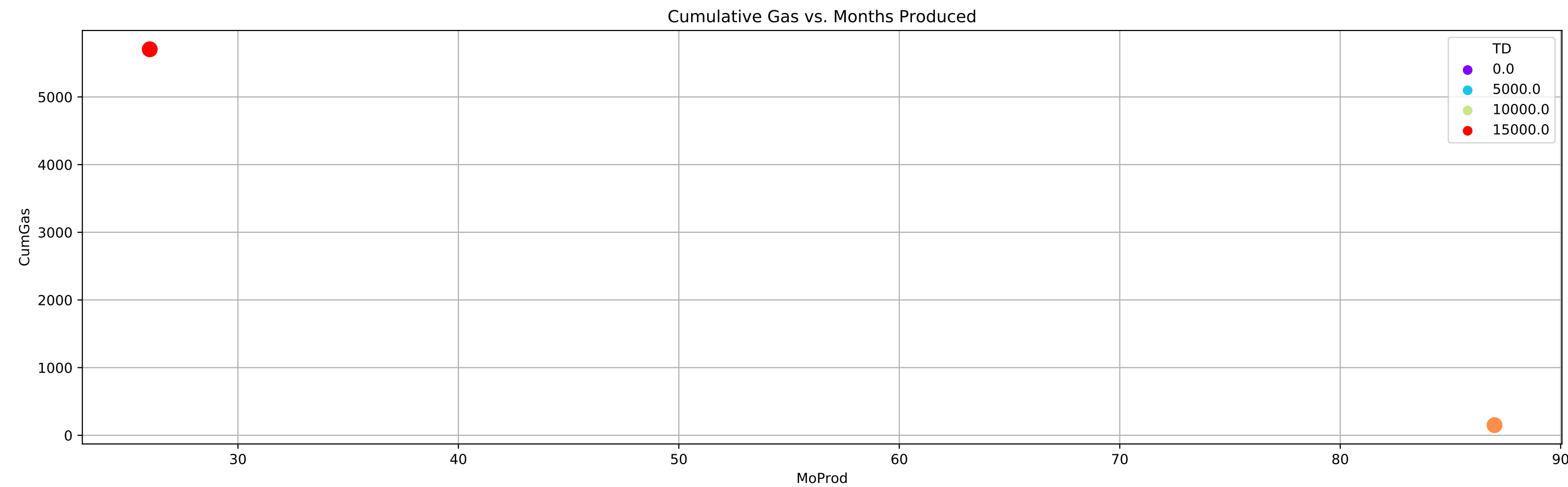
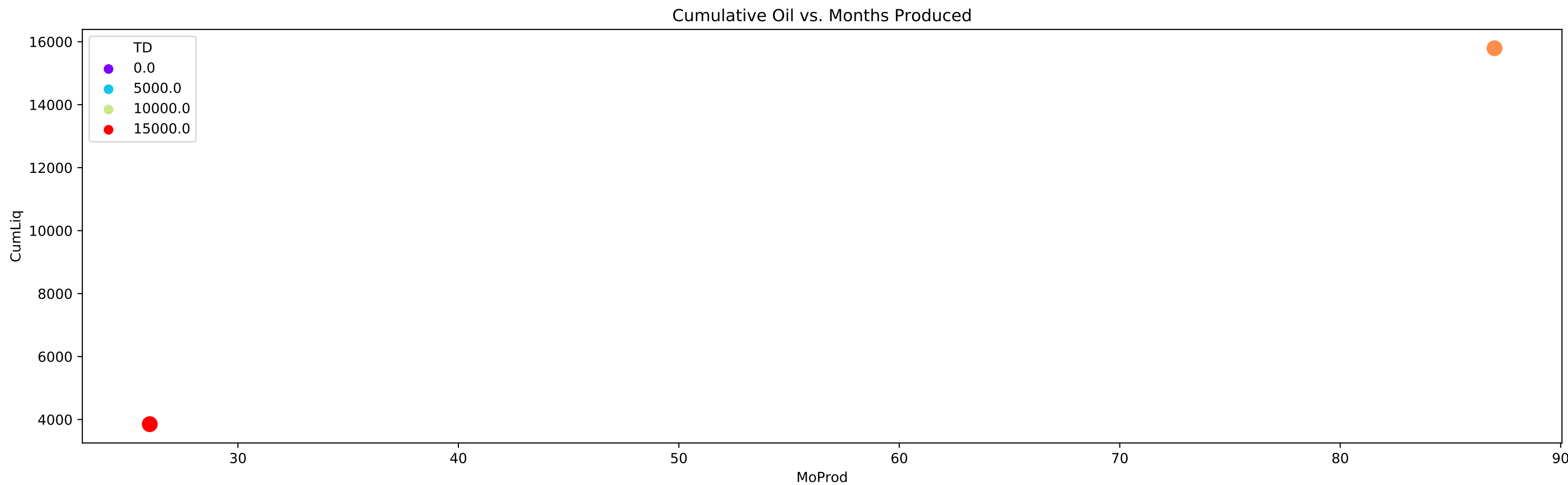
## Permit Horizontal Lengths - Binned



Lease Summary for tract 16  
Total Number of Leases: 10  
Average Price \$13/acre in 2020



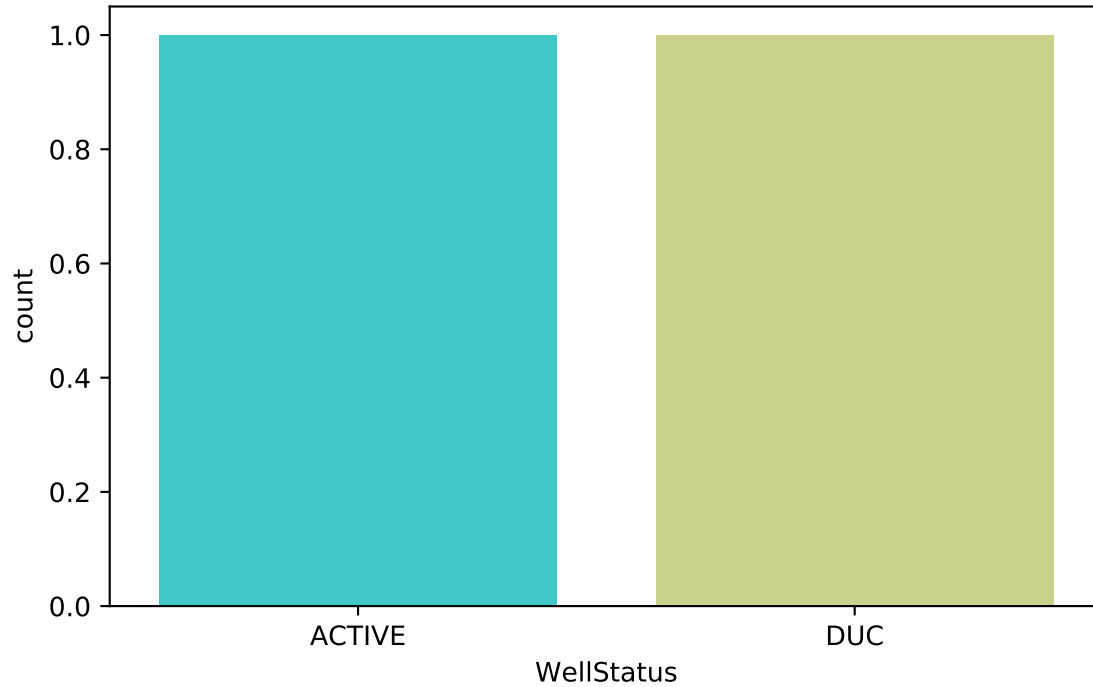
# Old Production Outside of Tract 16 - 3 Mi Radius



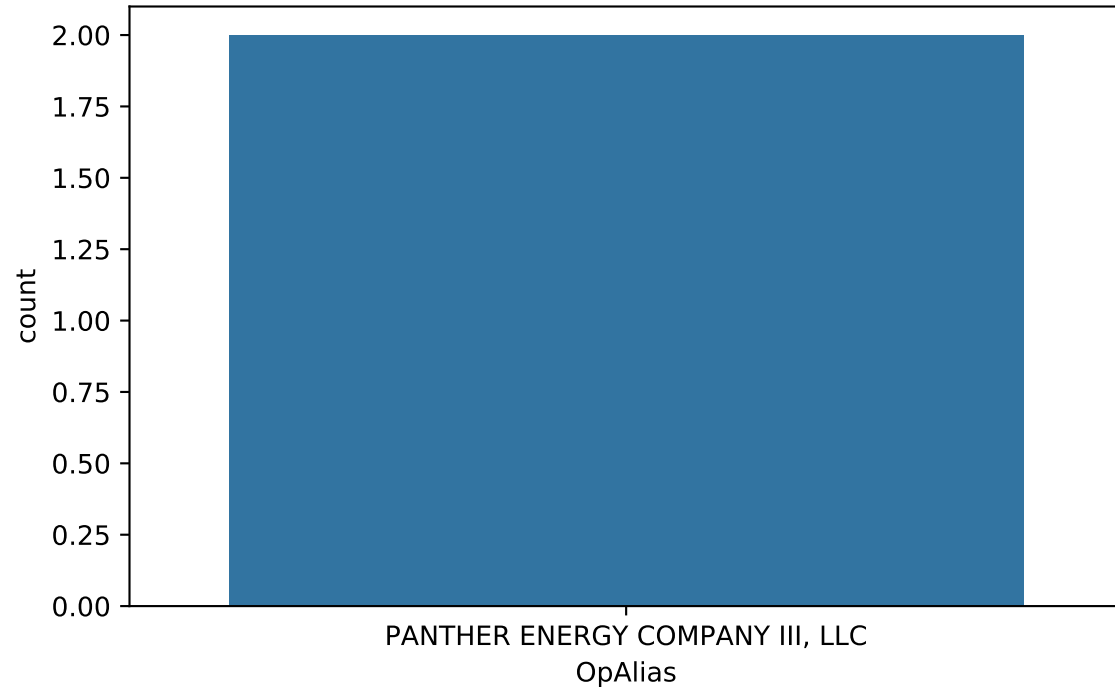
# Permit Summary for Tract 18

## Total permits: 2

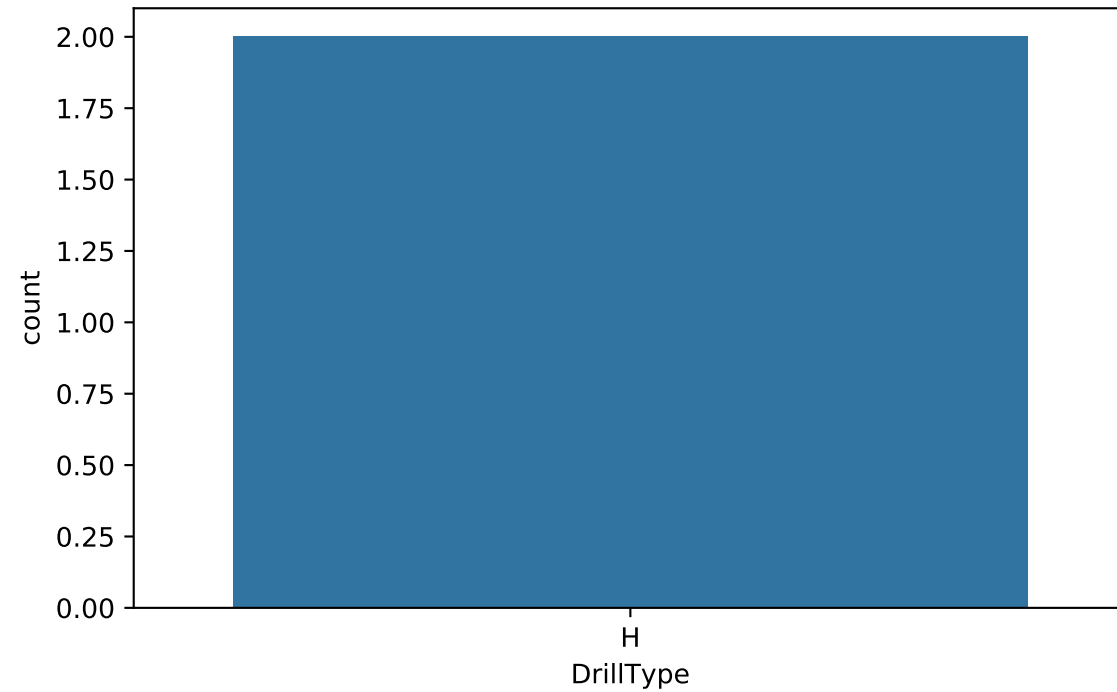
### Permits by Well Status



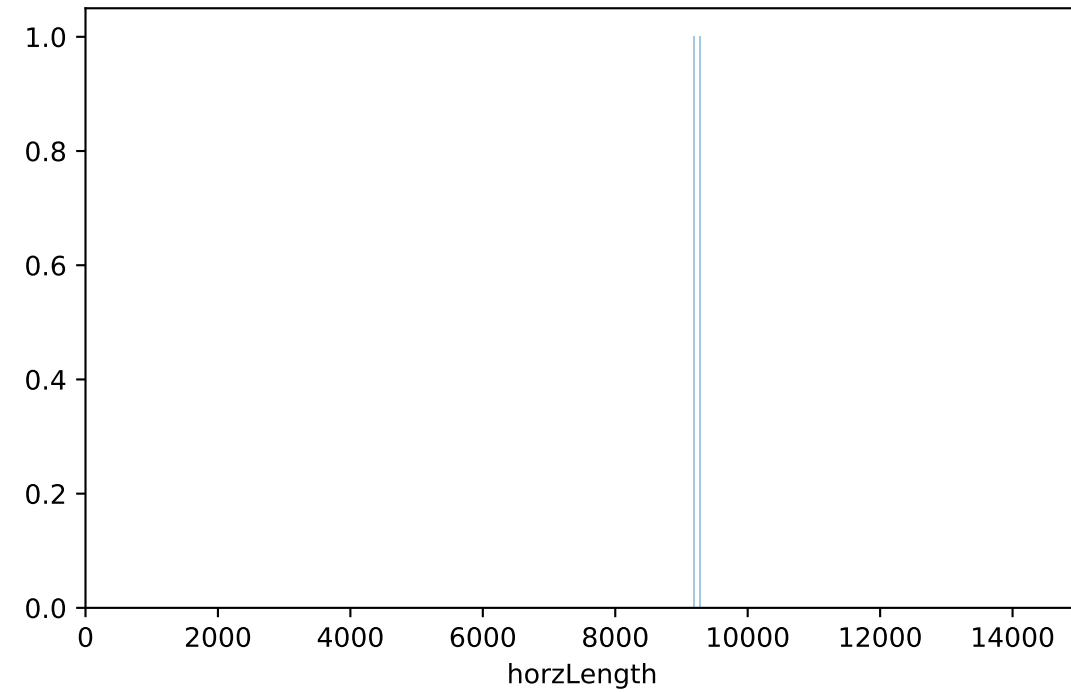
### Permits by Operator



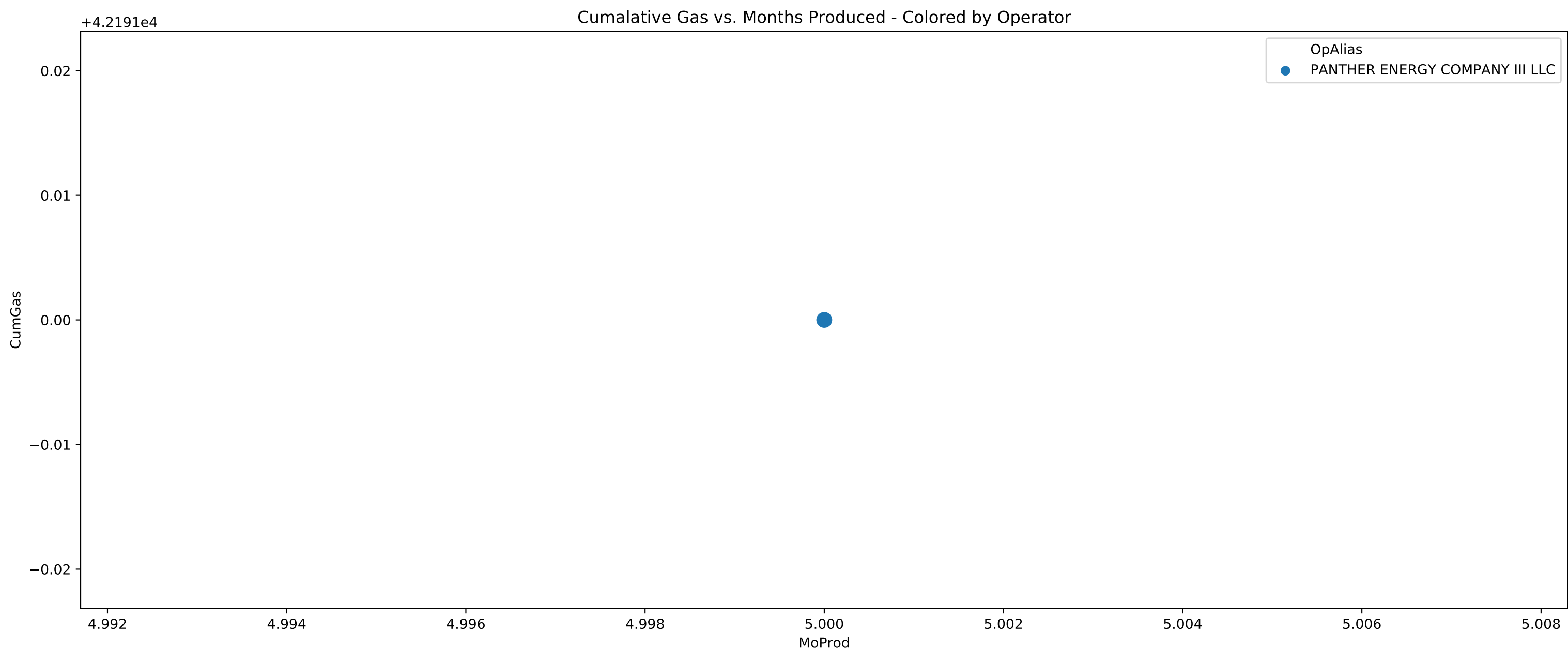
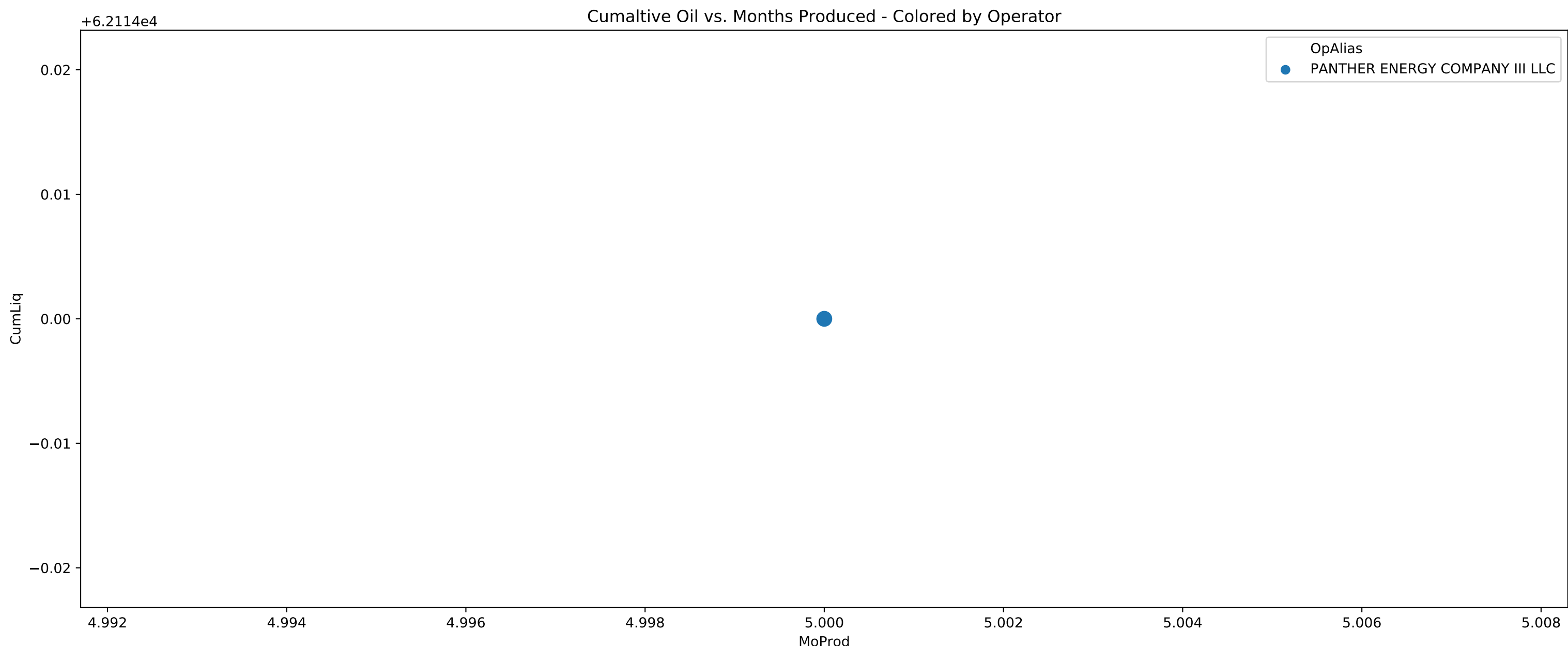
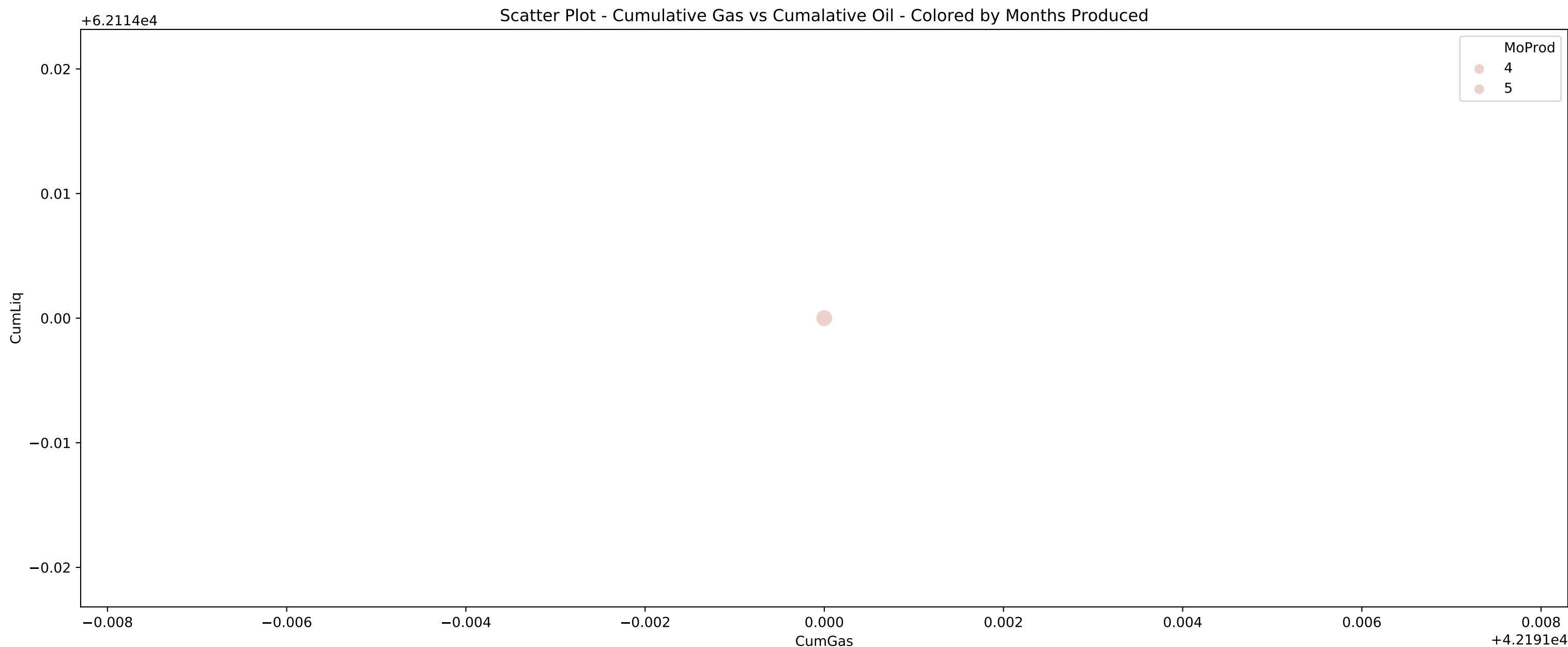
### Permits by Well Type (H,D,V)



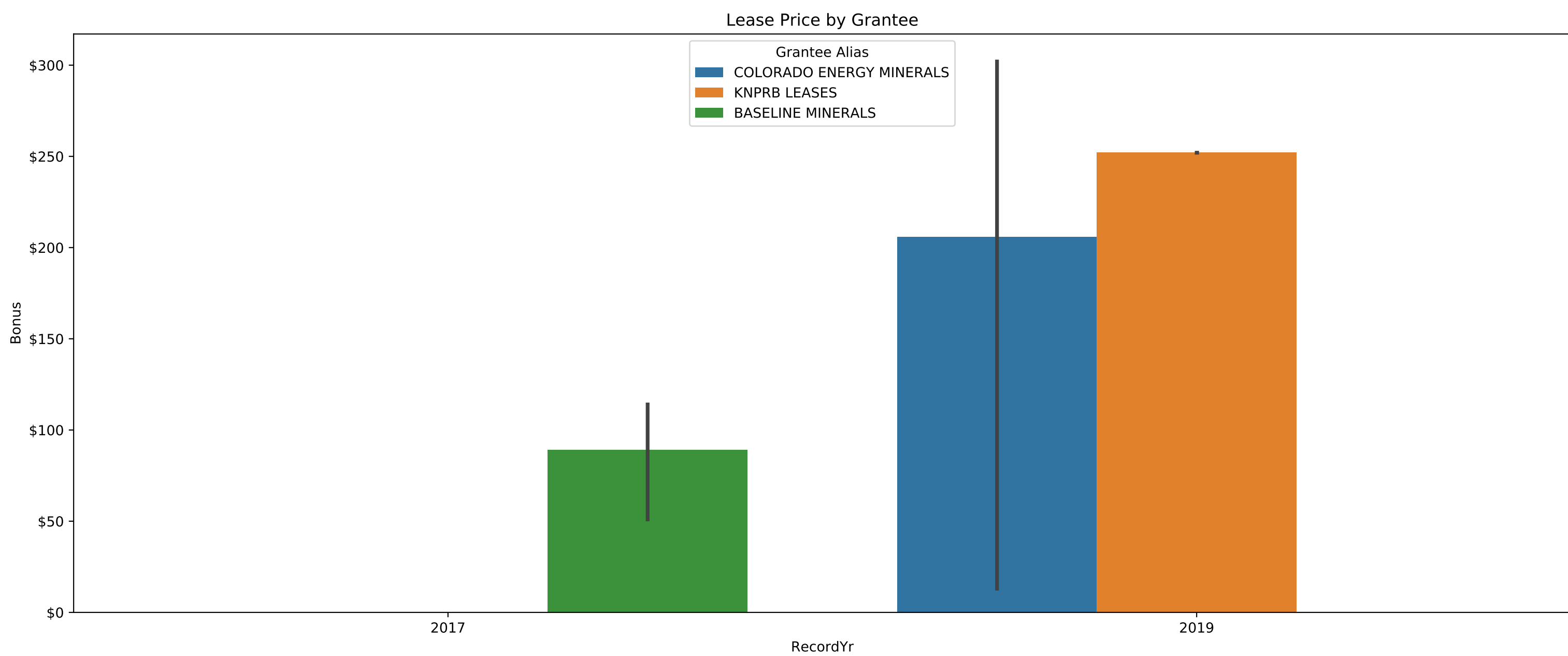
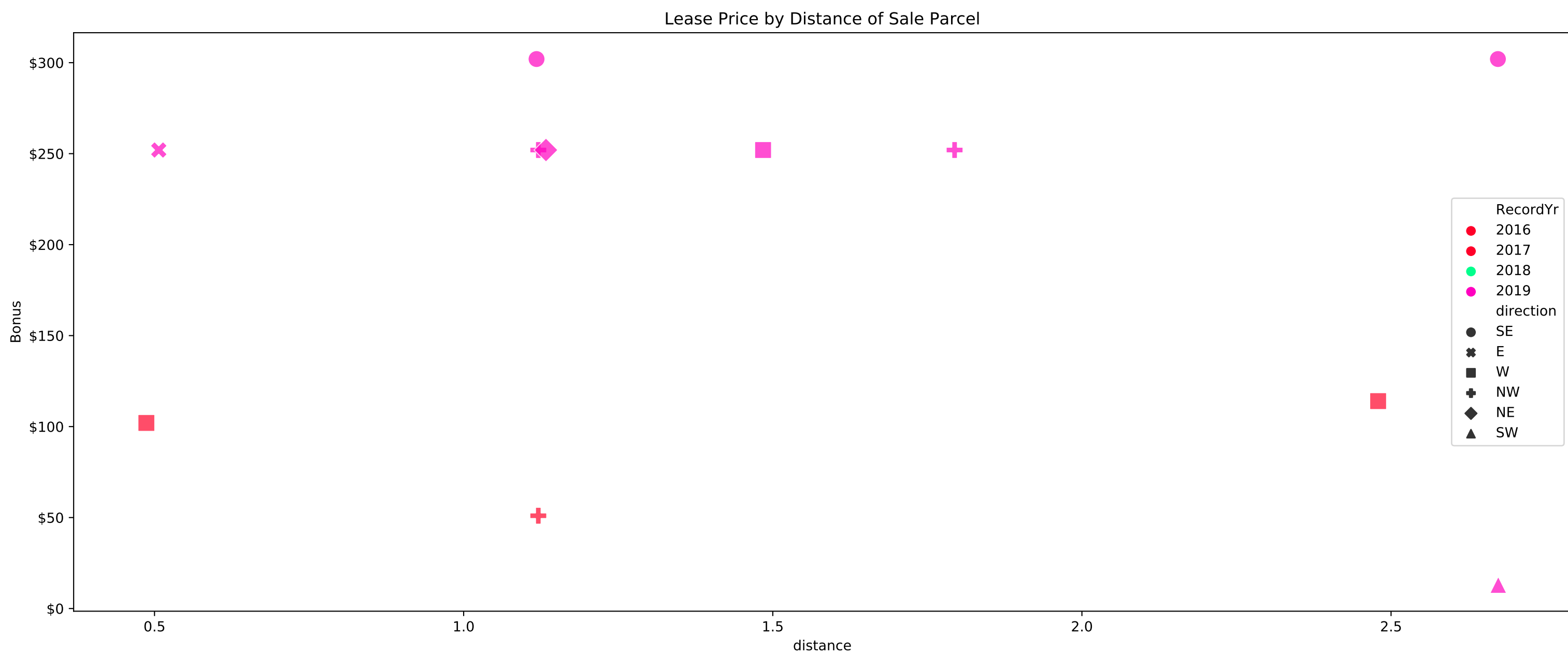
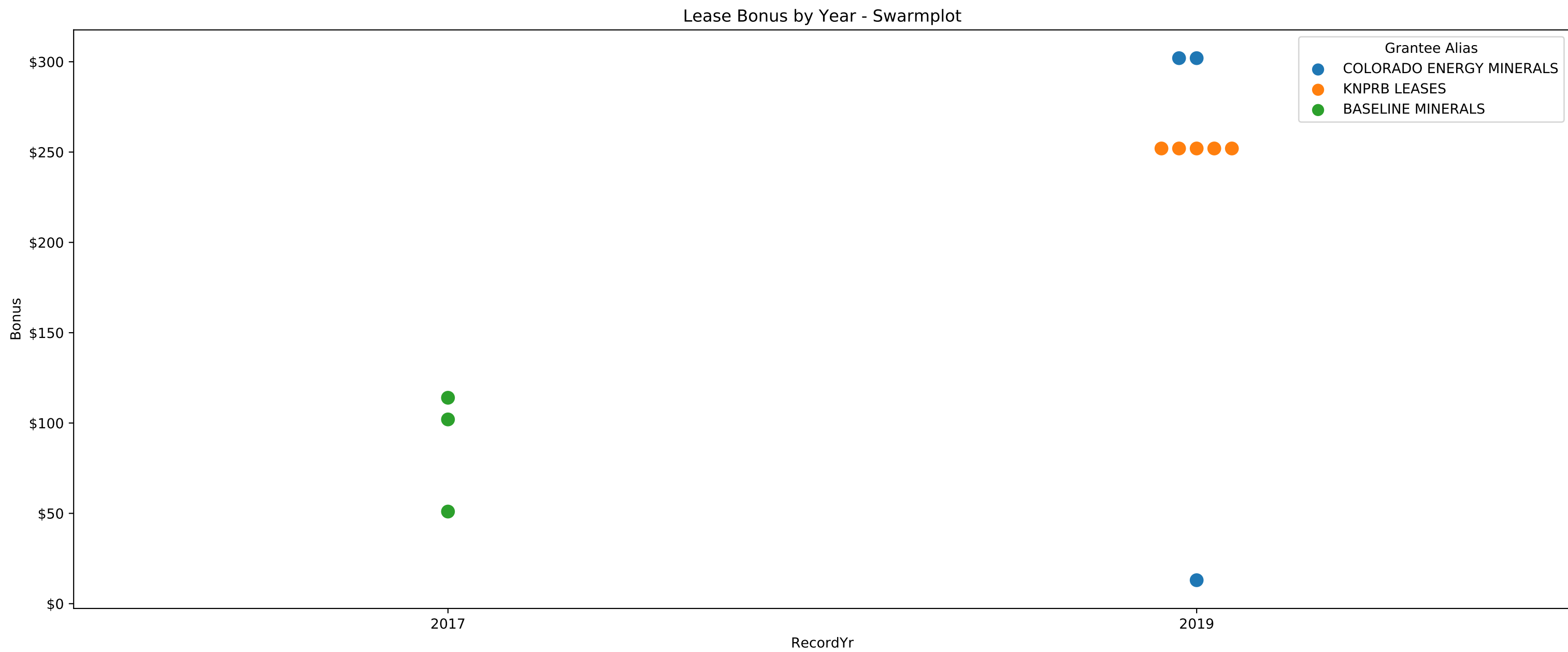
### Permit Horizontal Lengths - Binned



Production Dashboard for tract 18

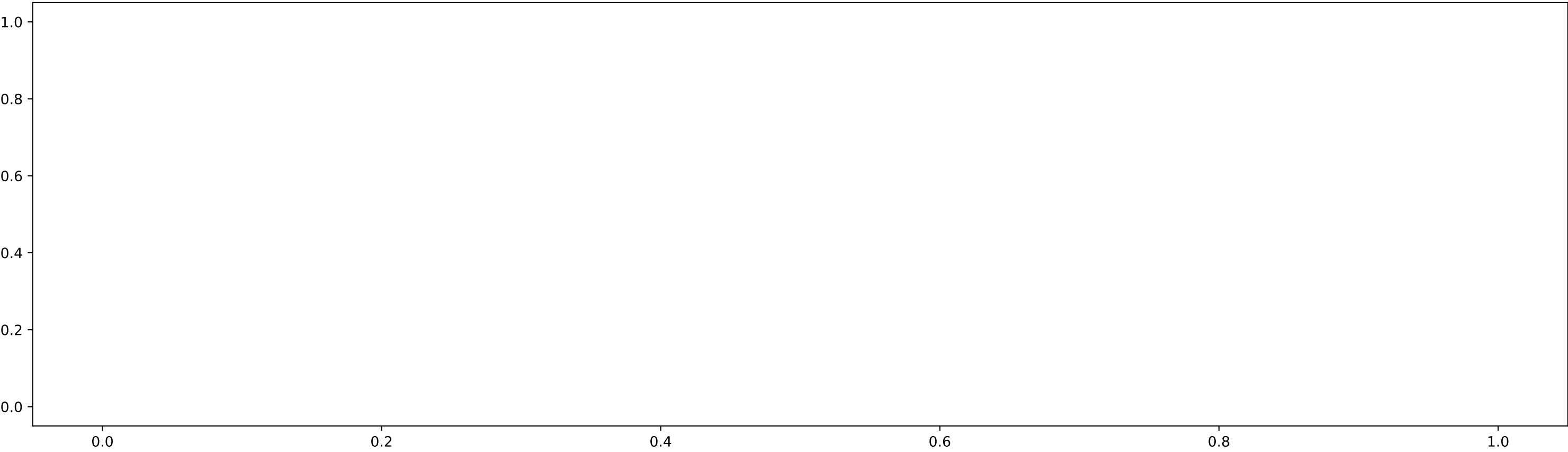


Lease Summary for tract 18  
Total Number of Leases: 11  
Average Price \$235/acre in 2019

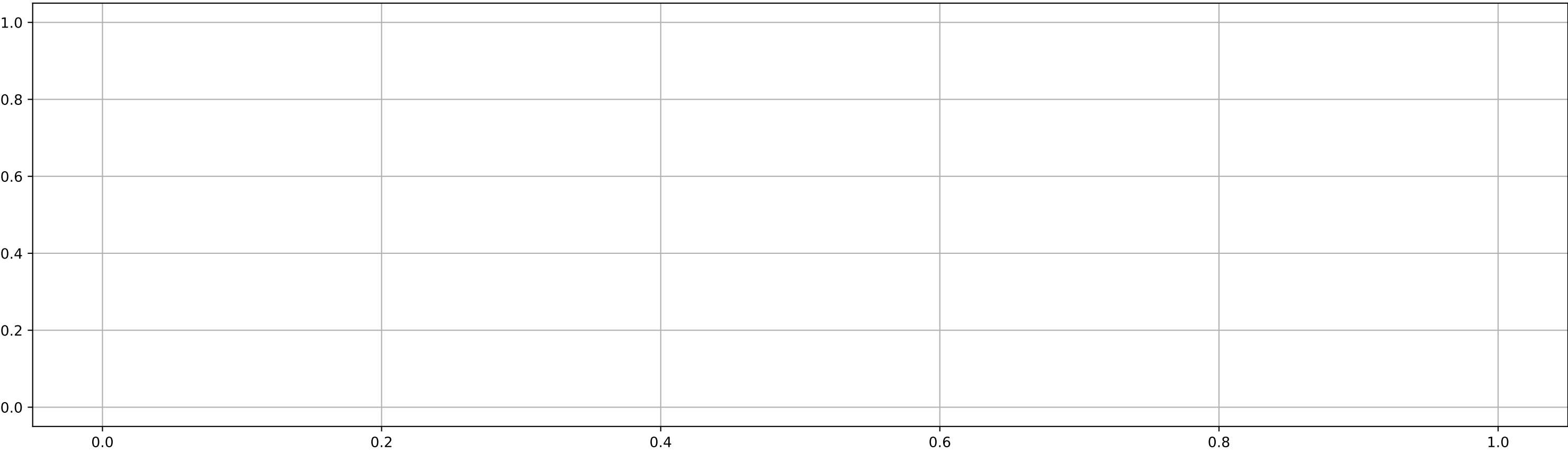


Old Production Outside of Tract 18 - 3 Mi Radius

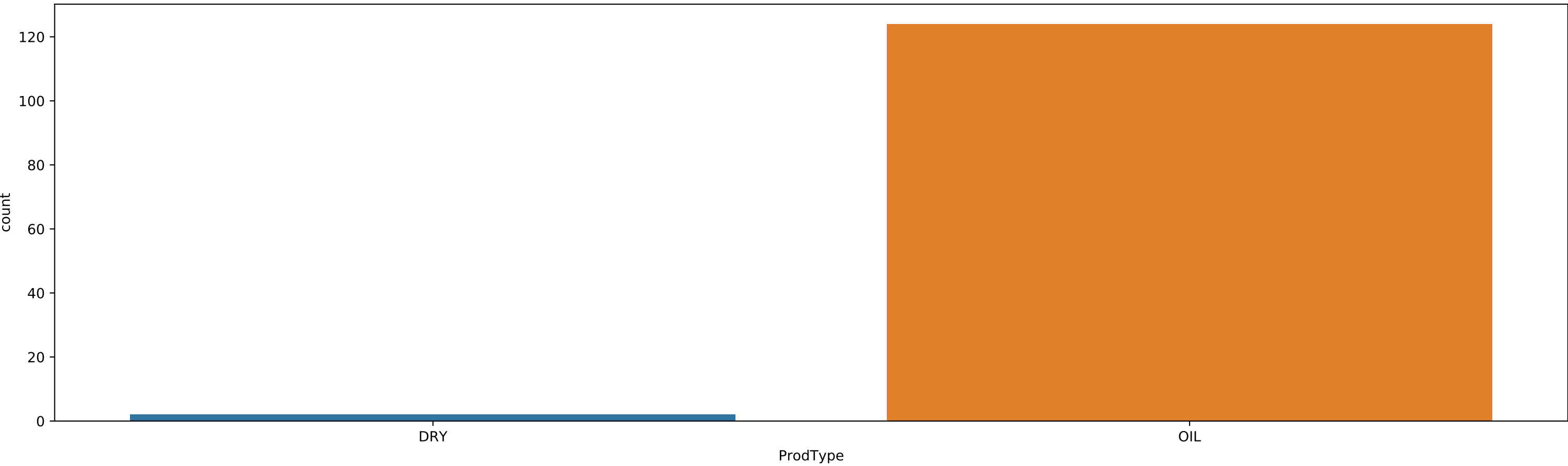
Cumulative Oil vs. Months Produced



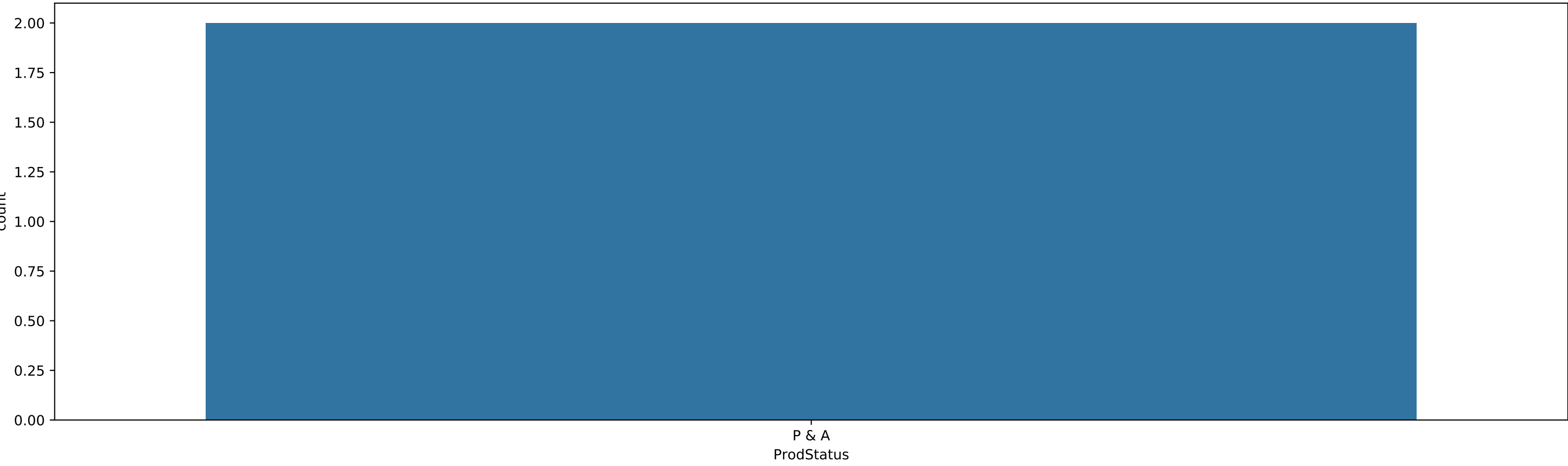
Cumulative Gas vs. Months Produced



Production Types Around Tract



Status of Wells

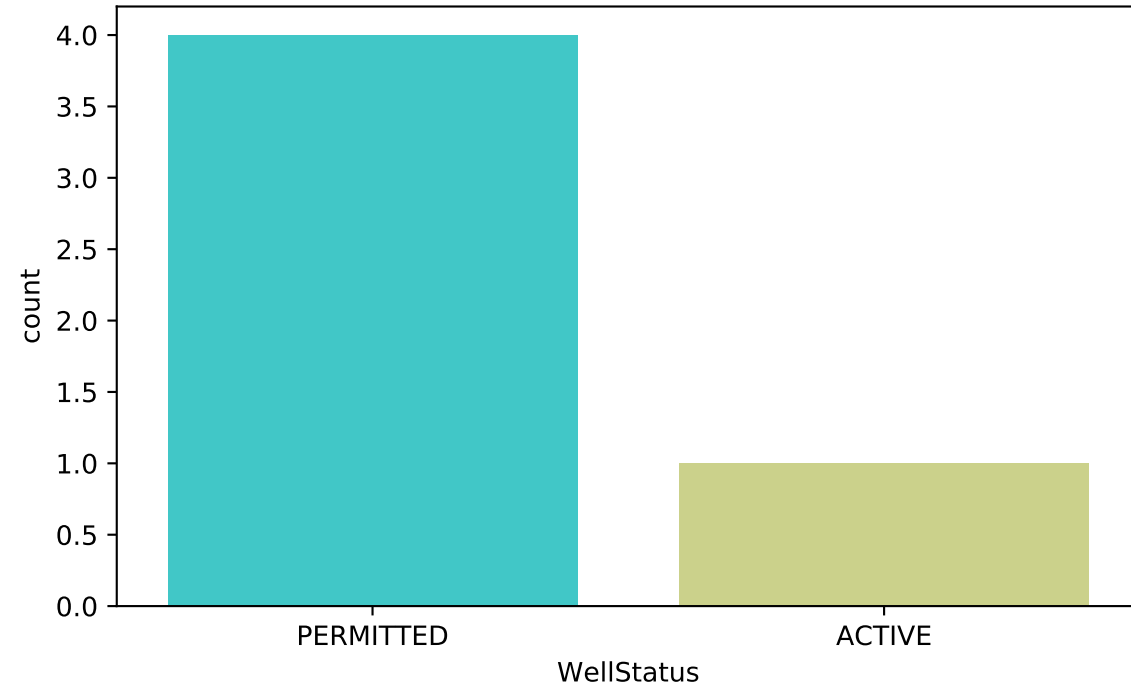




# Permit Summary for Tract 19

Total permits: 5

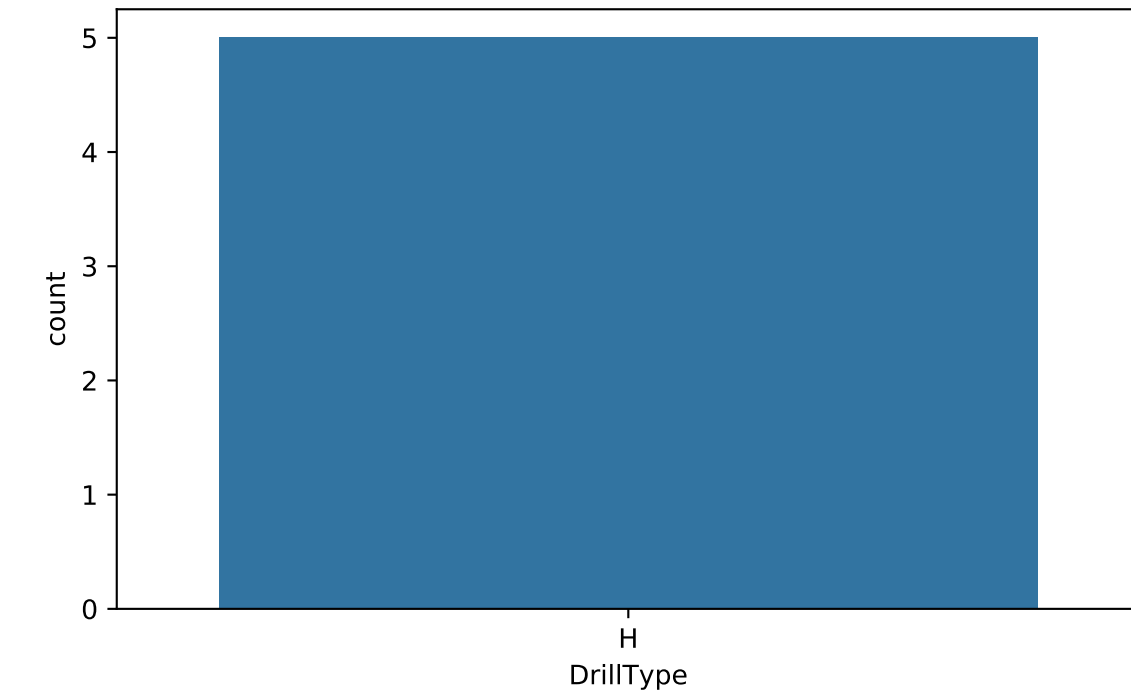
## Permits by Well Status



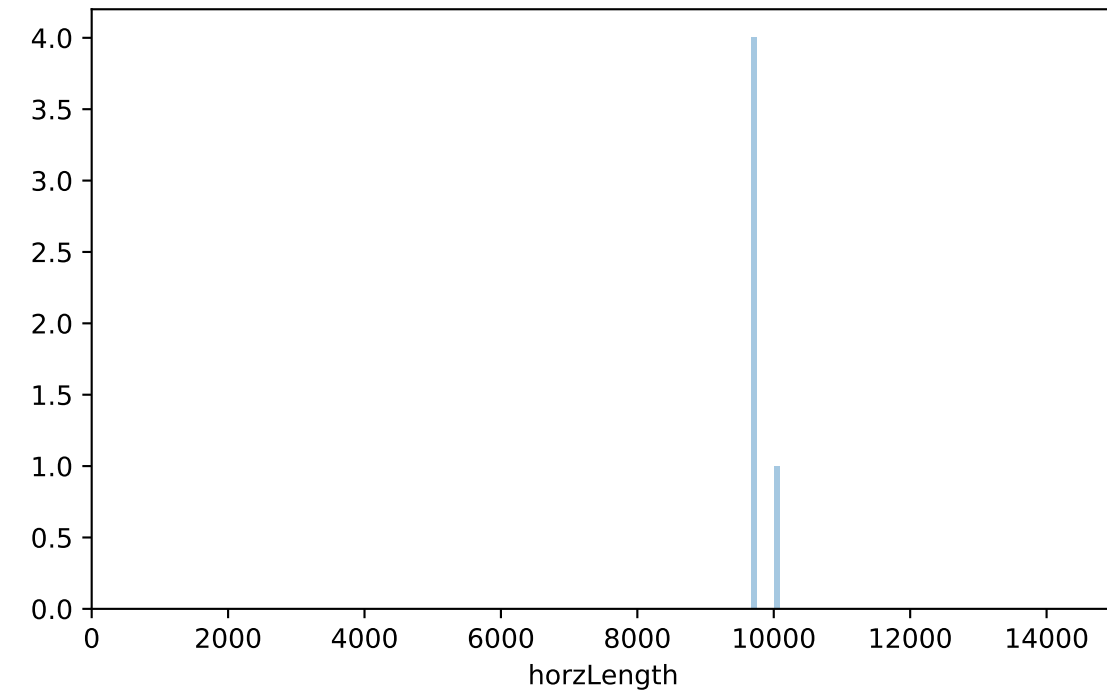
## Permits by Operator



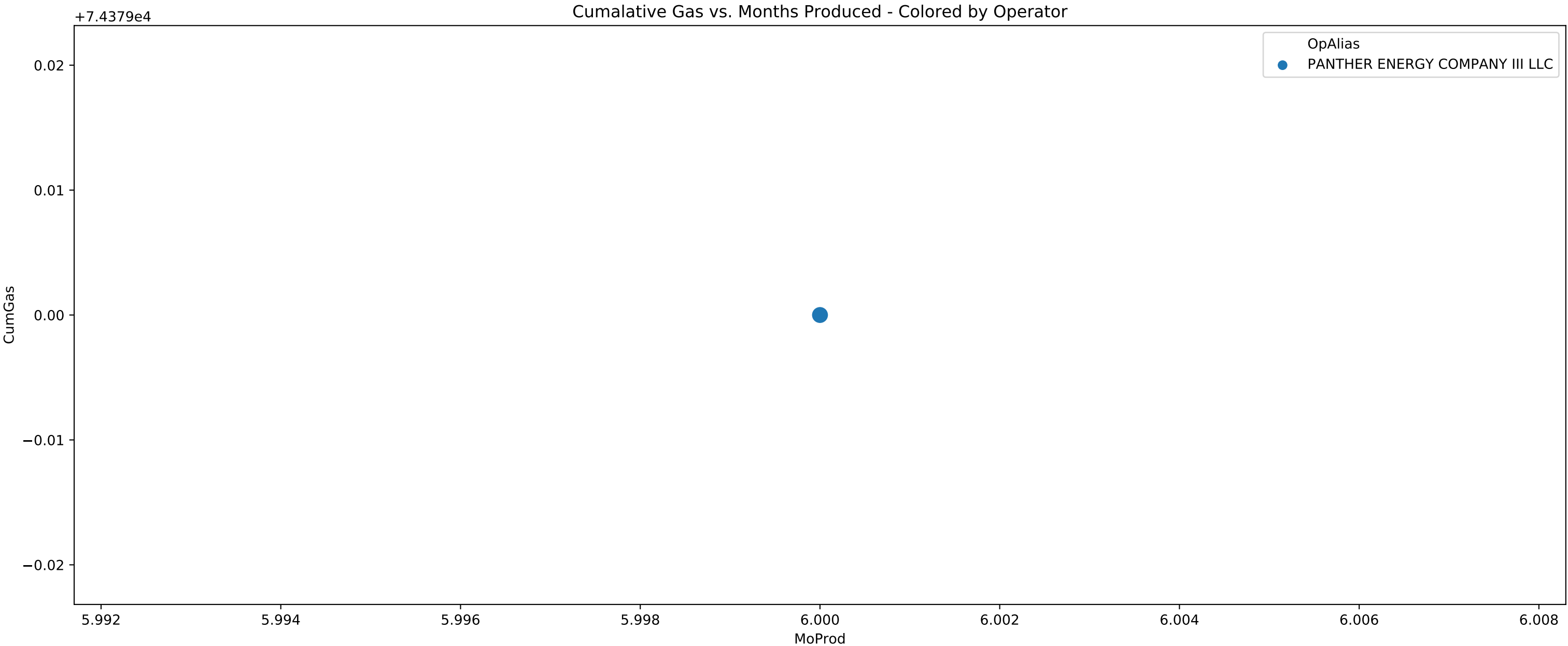
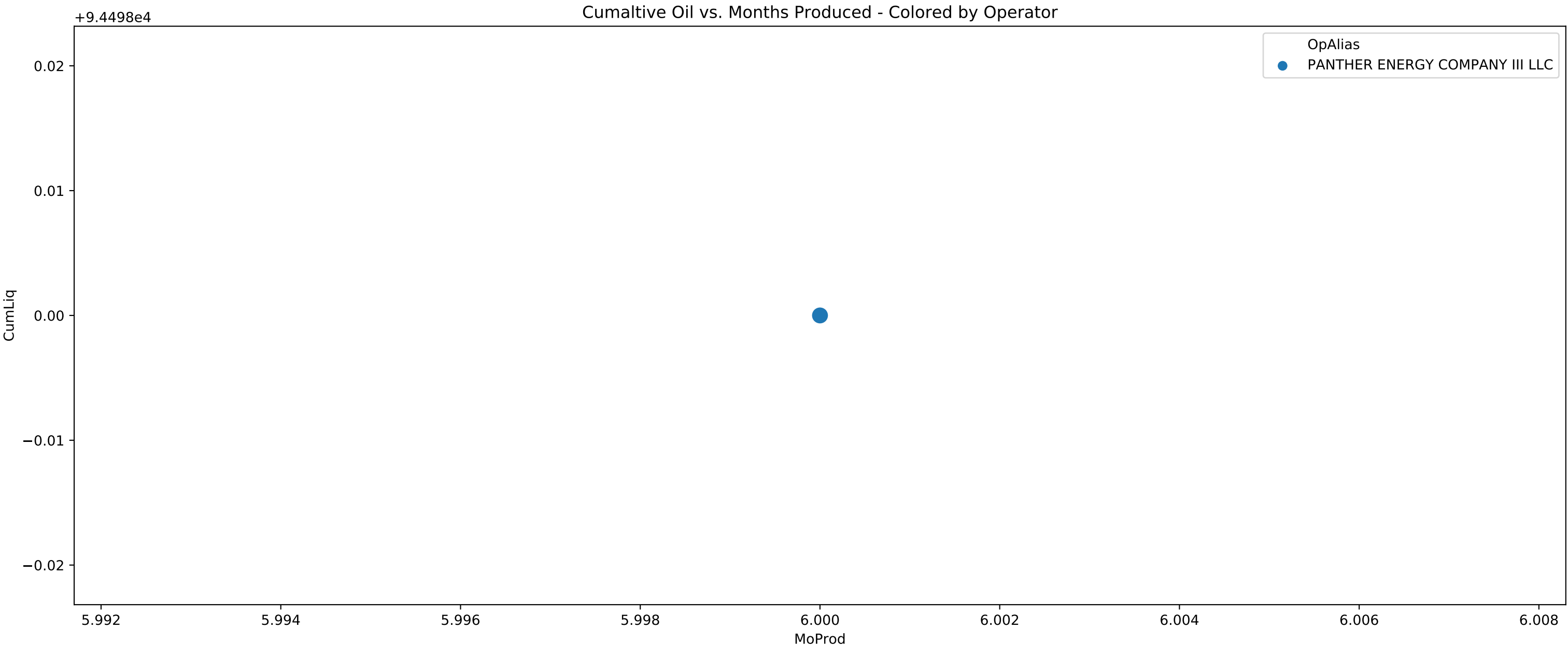
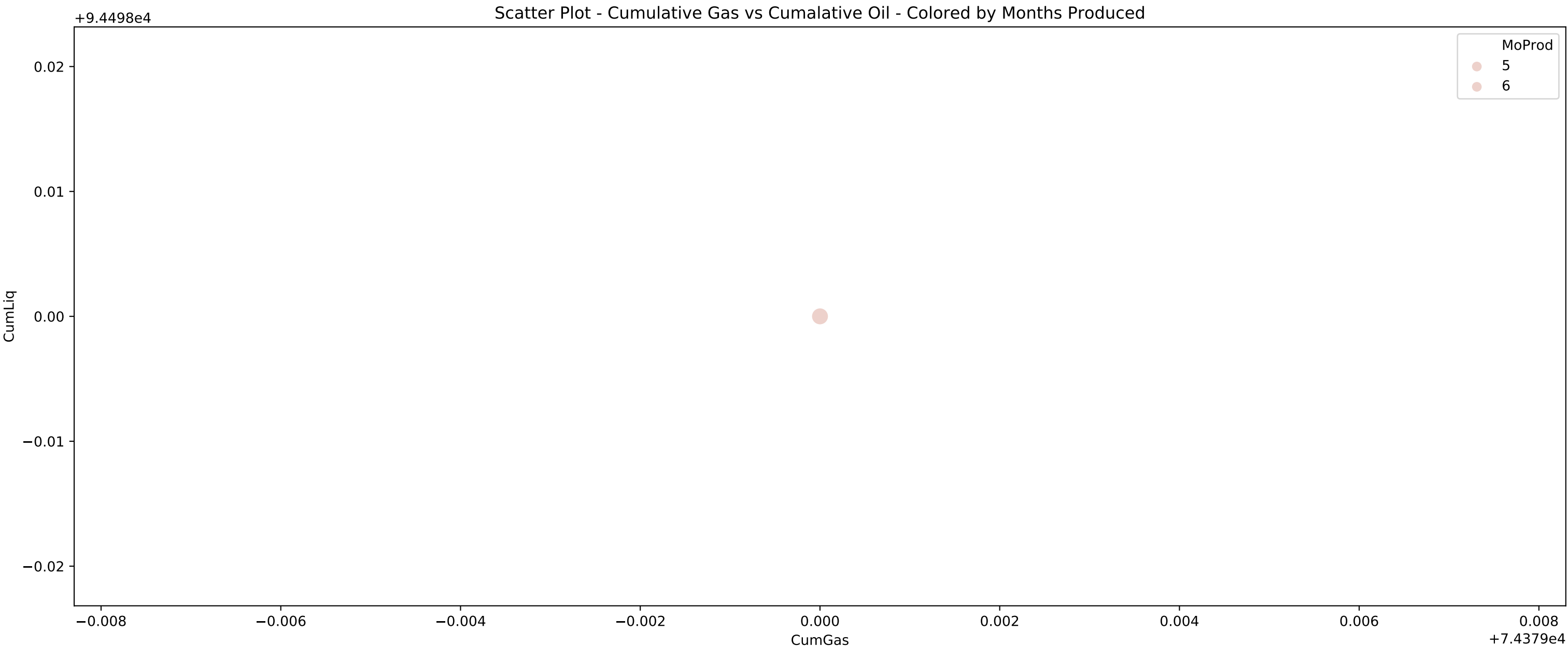
## Permits by Well Type (H,D,V)



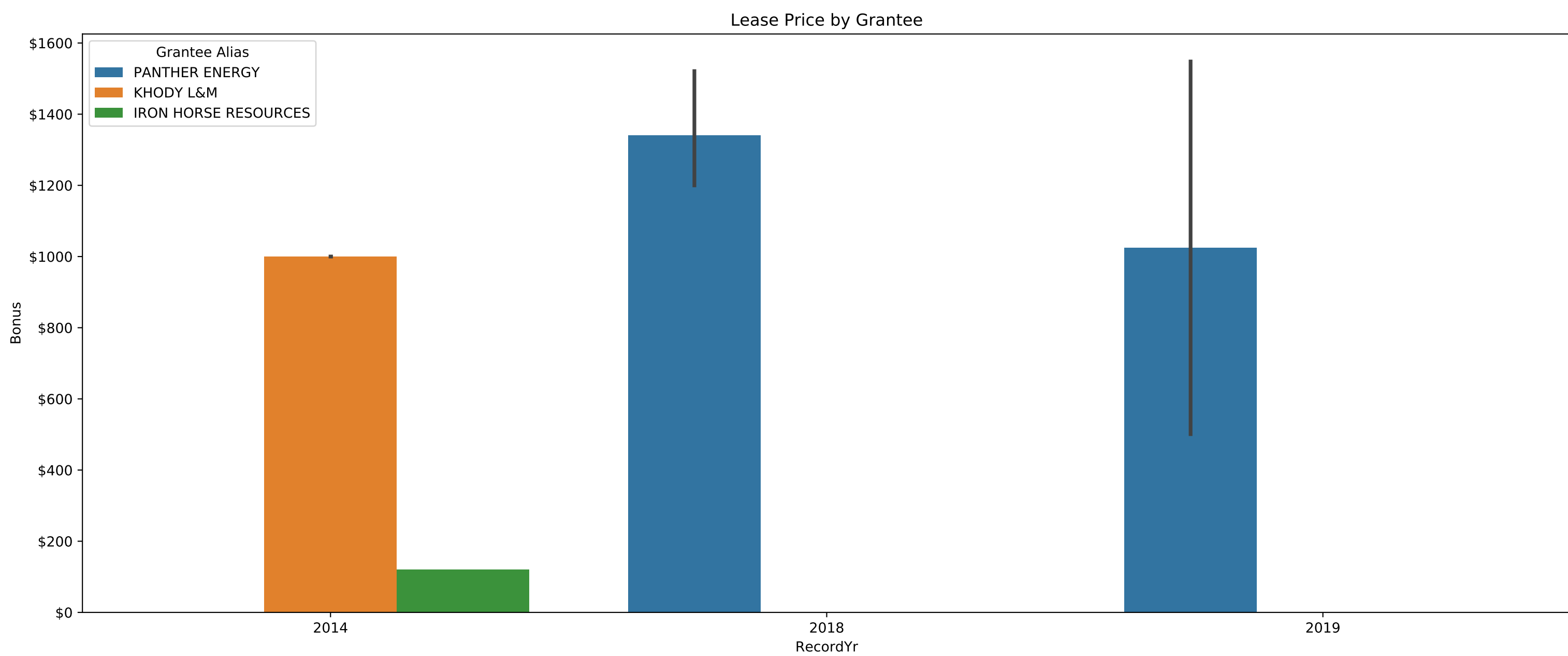
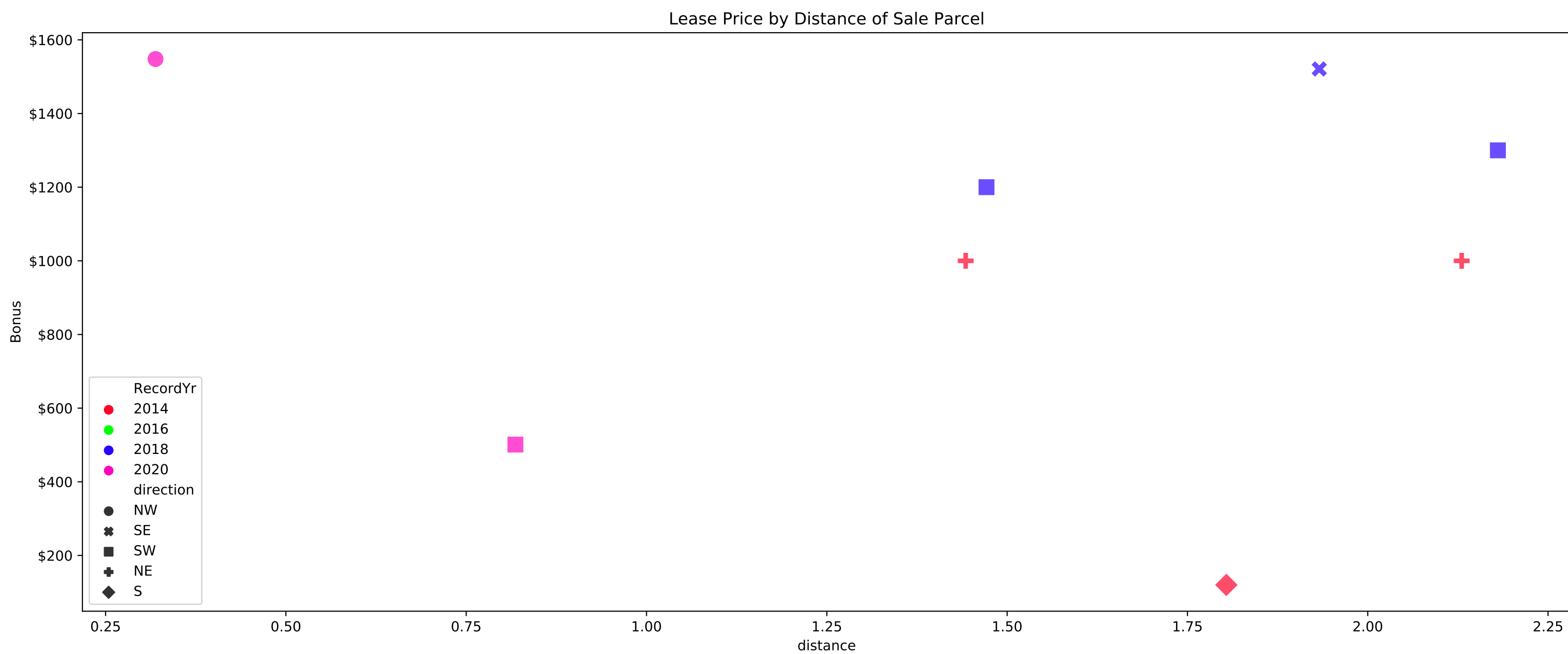
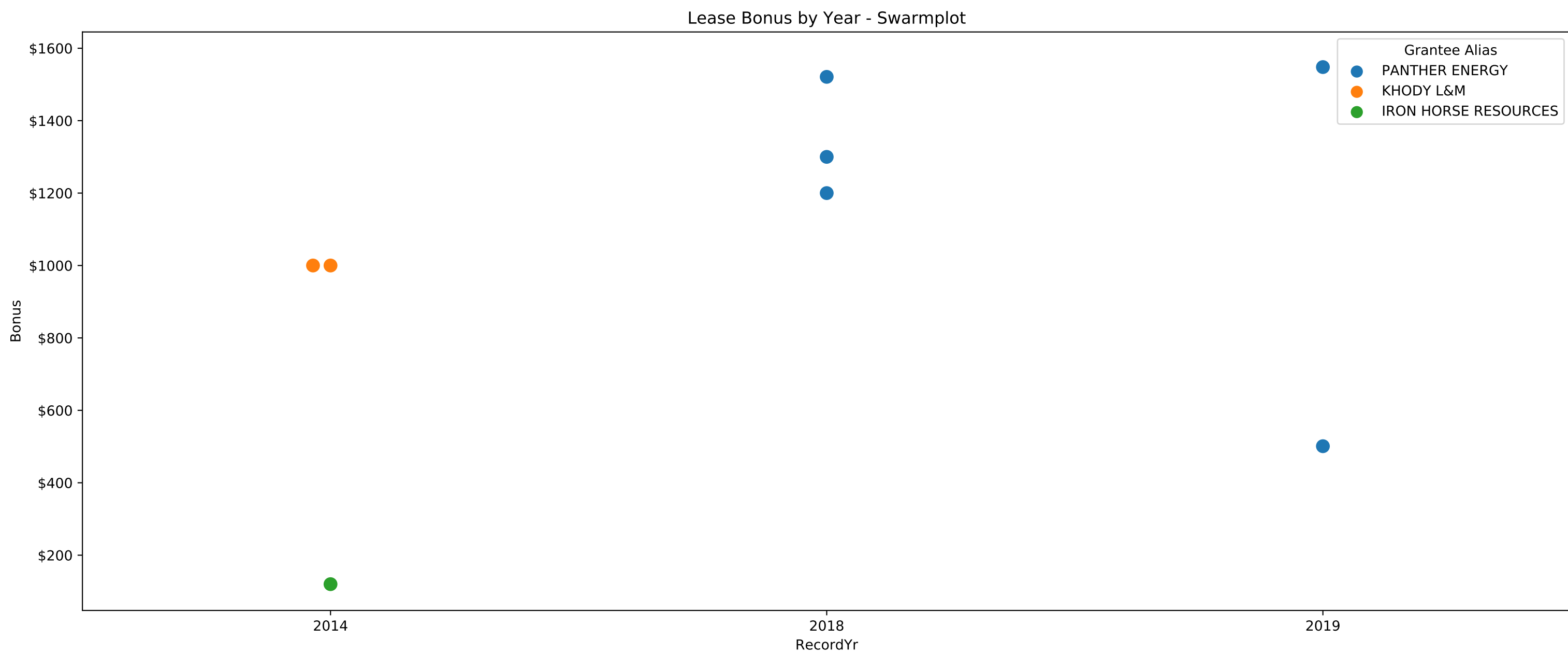
## Permit Horizontal Lengths - Binned



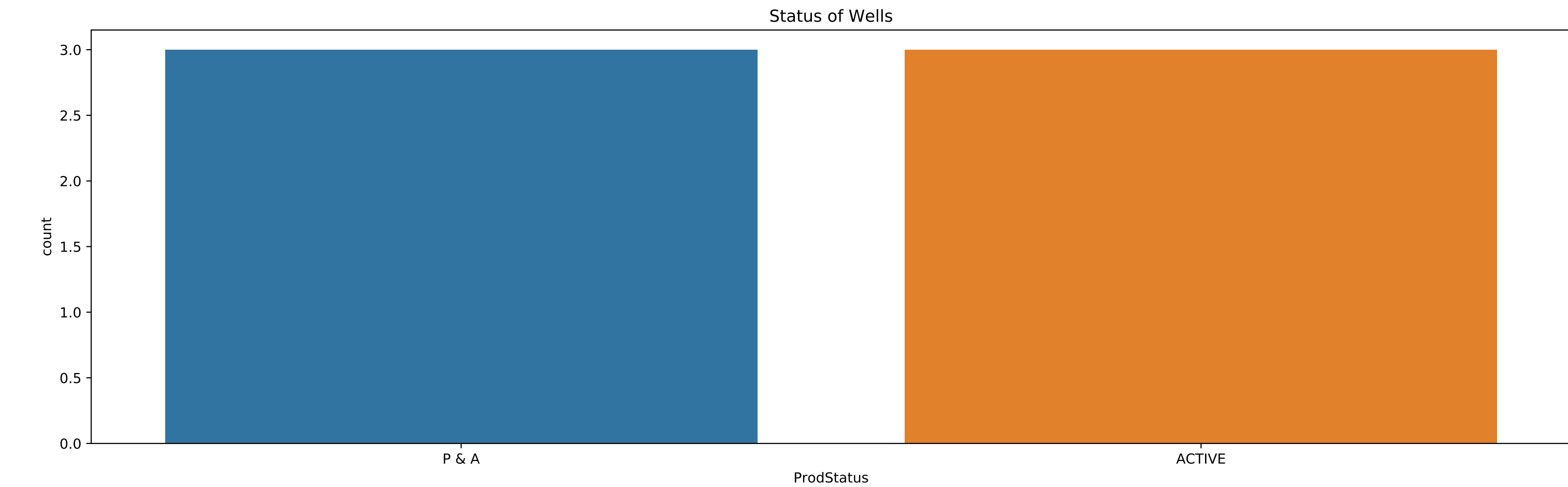
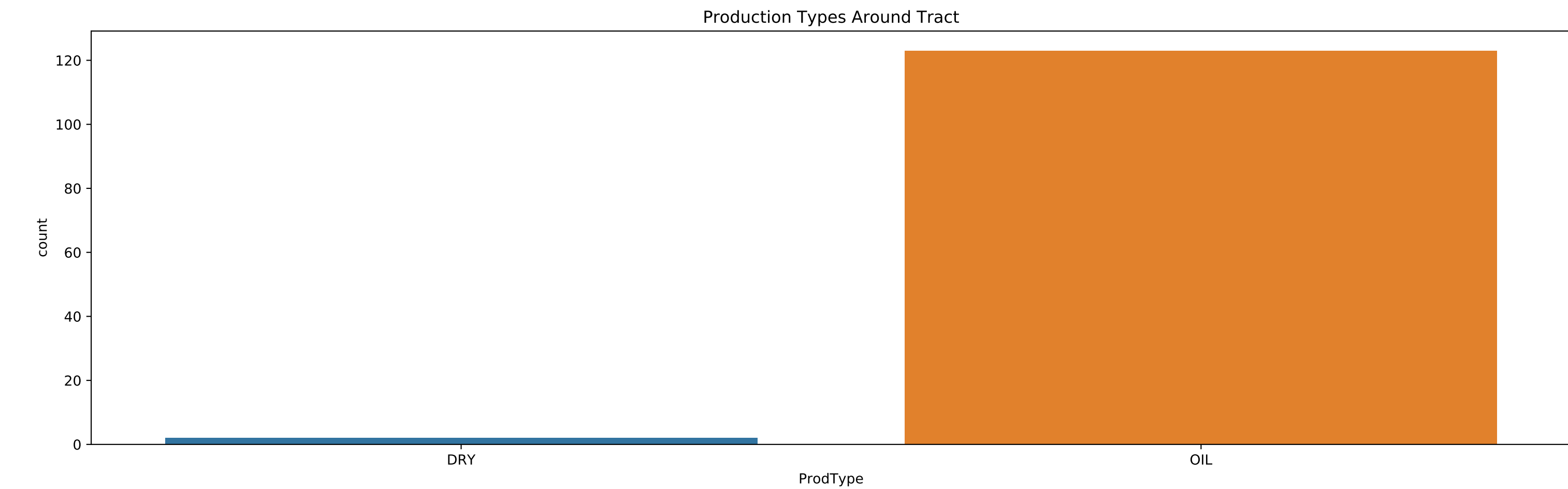
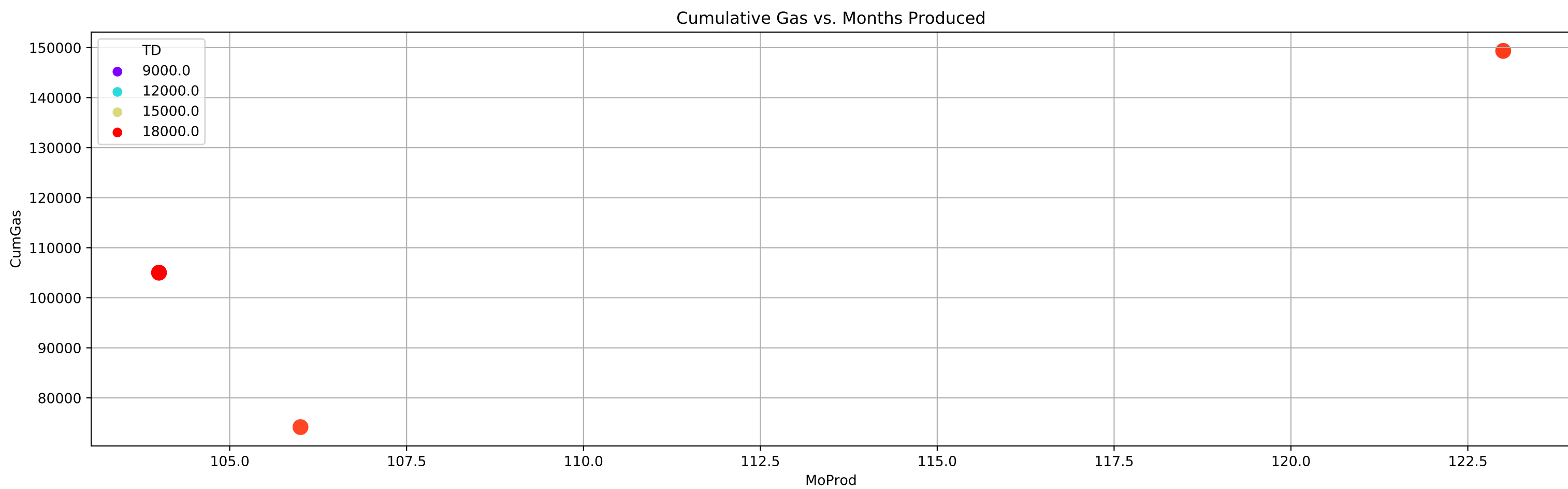
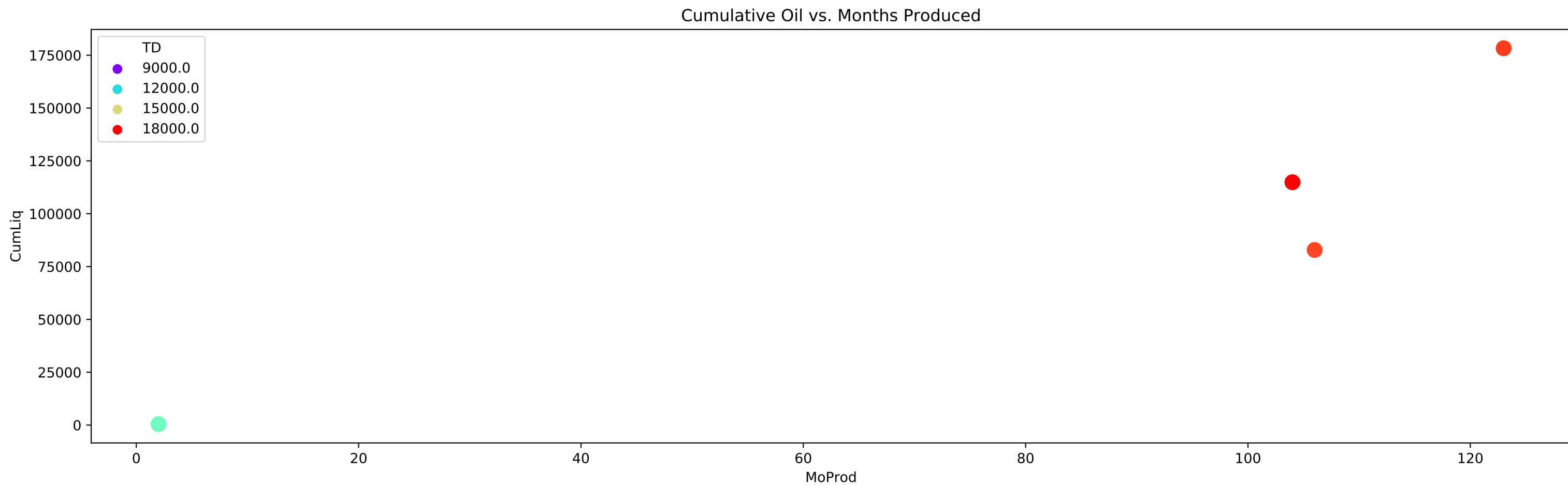
Production Dashboard for tract 19



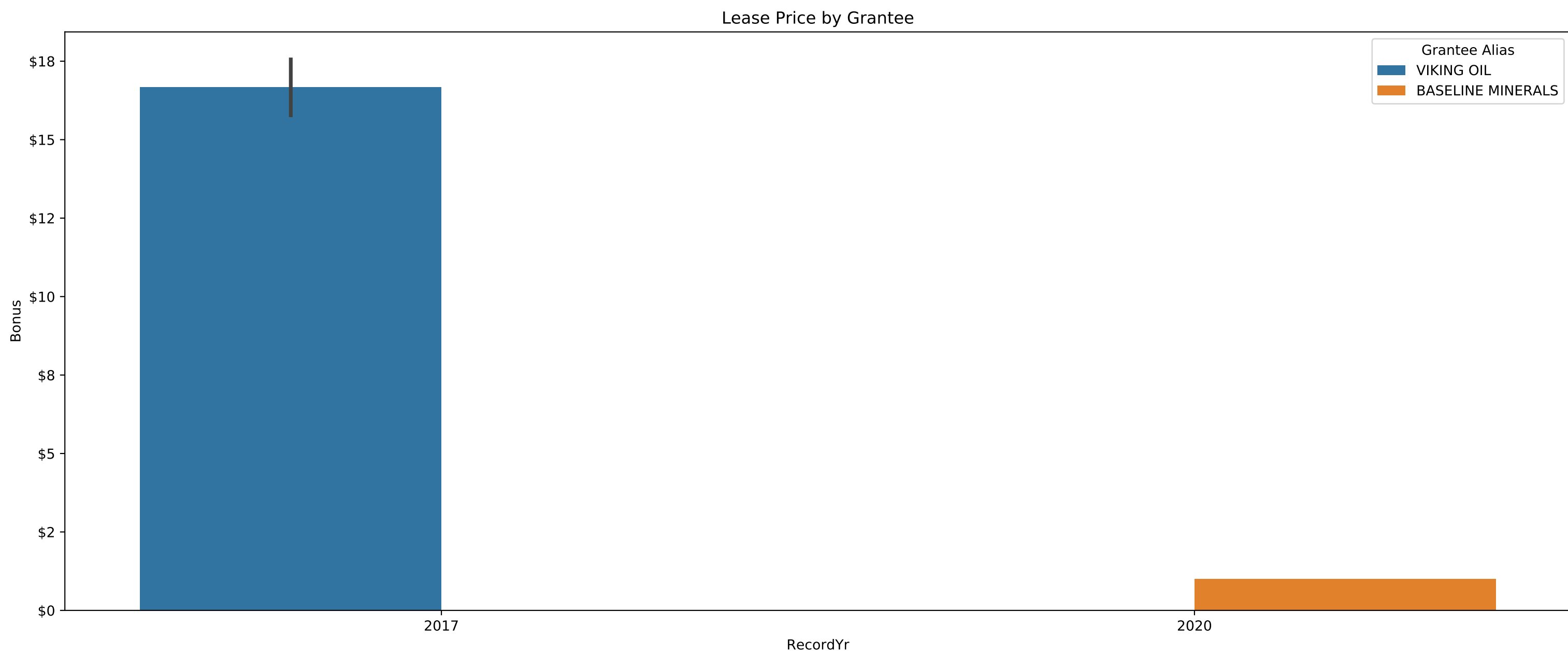
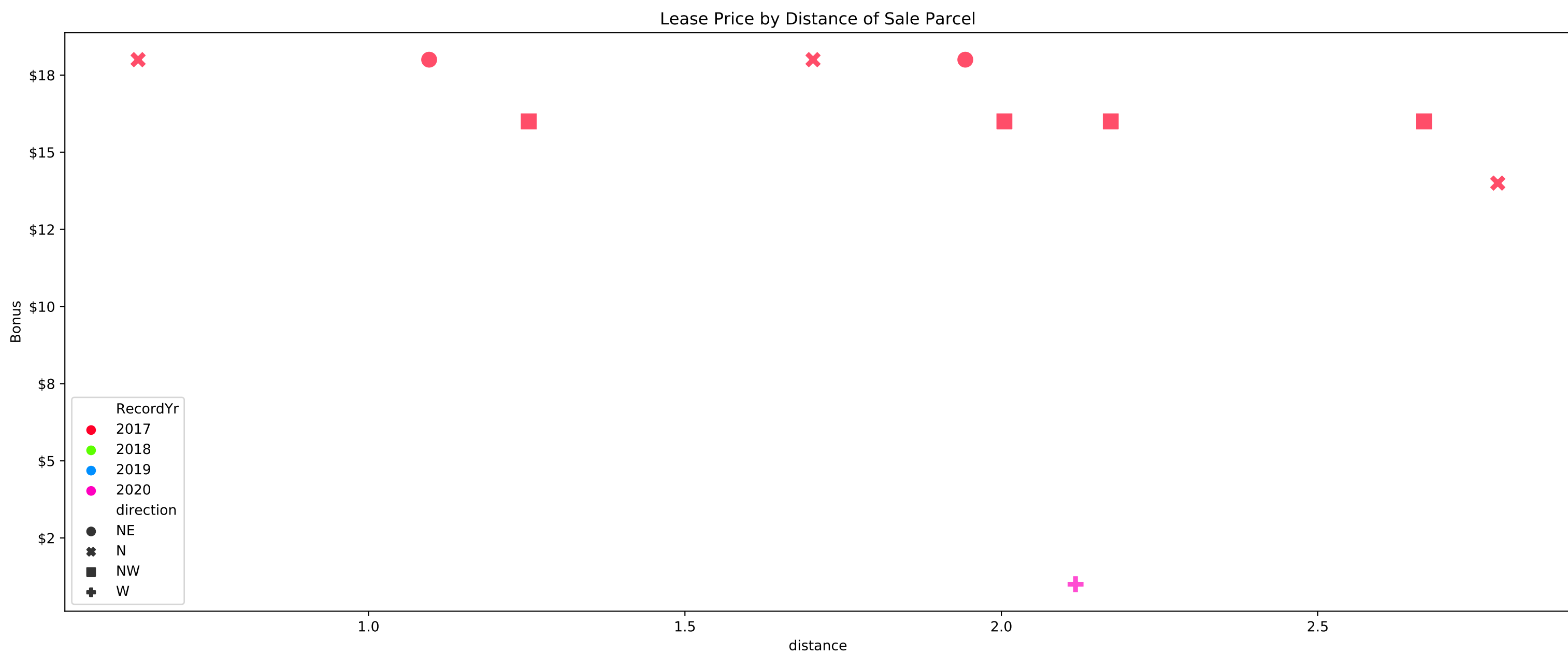
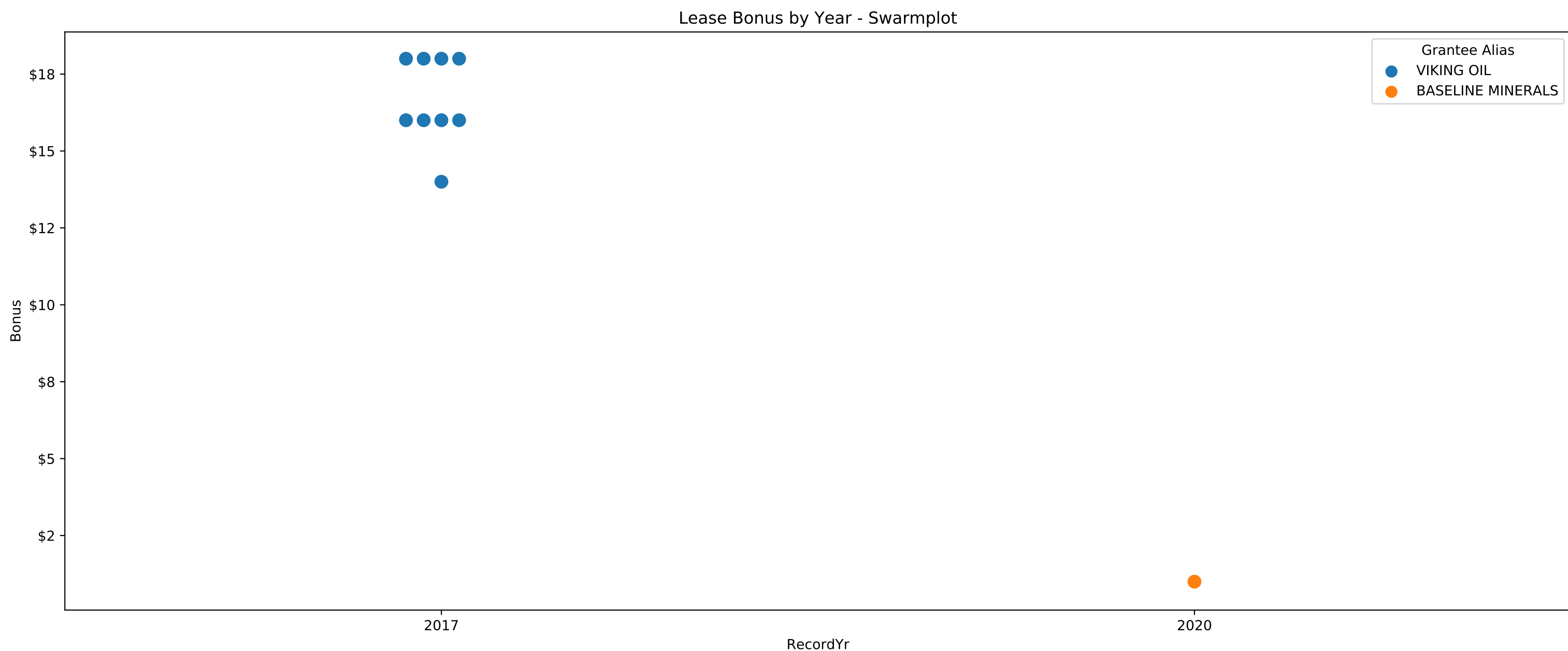
Lease Summary for tract 19  
Total Number of Leases: 8  
Average Price \$1024/acre in 2019



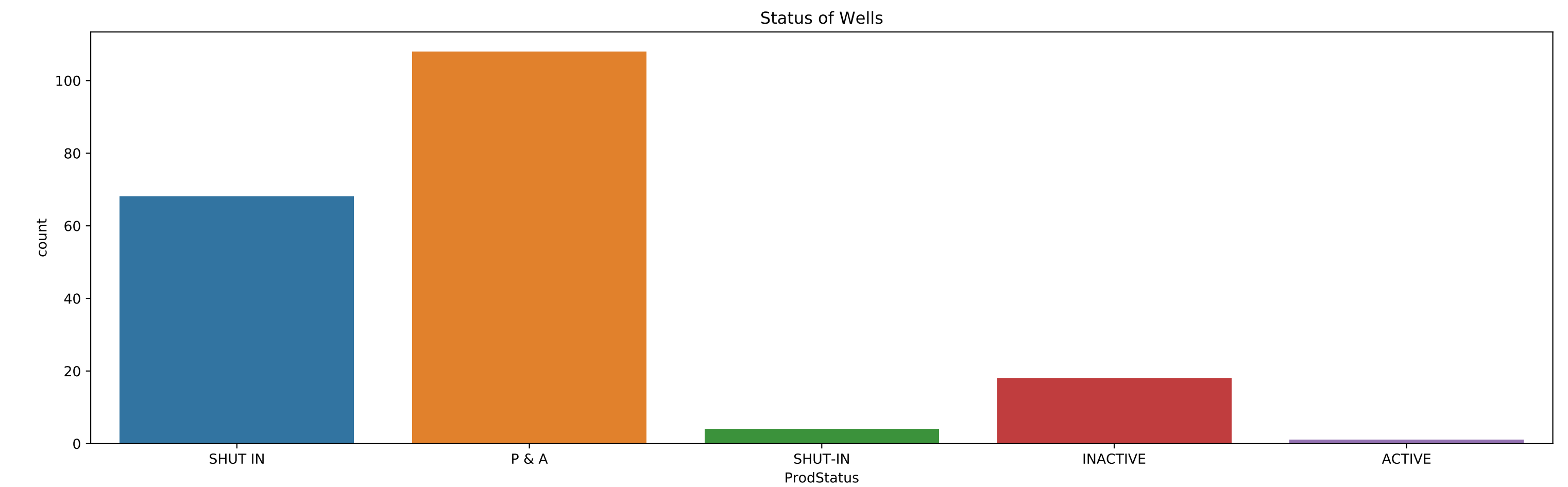
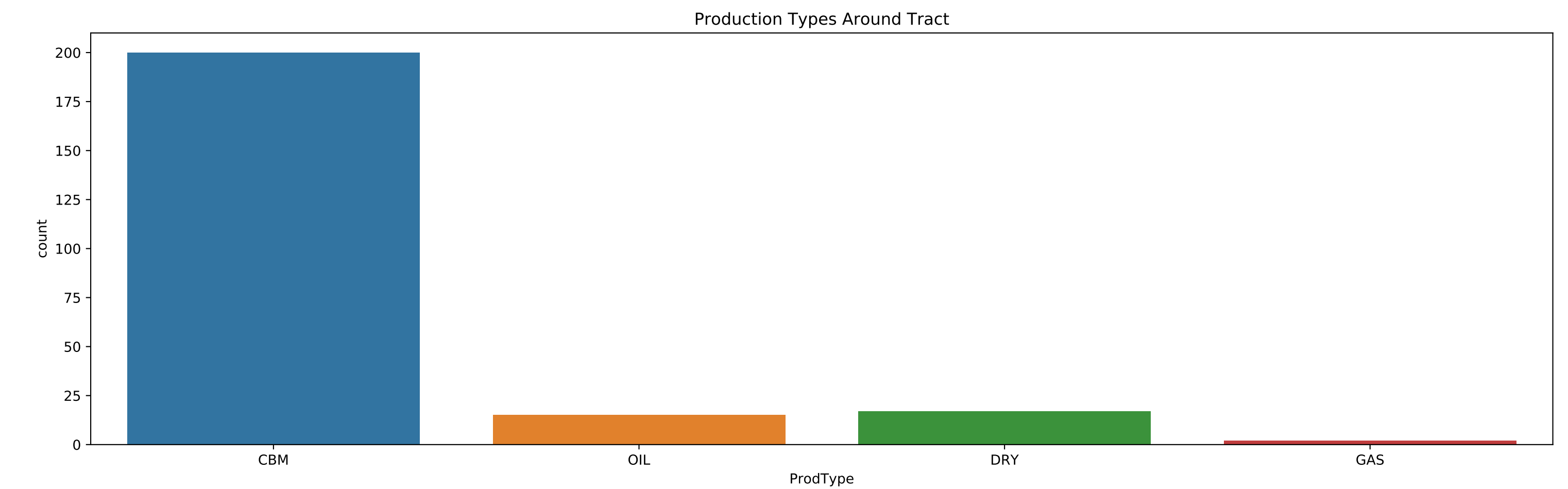
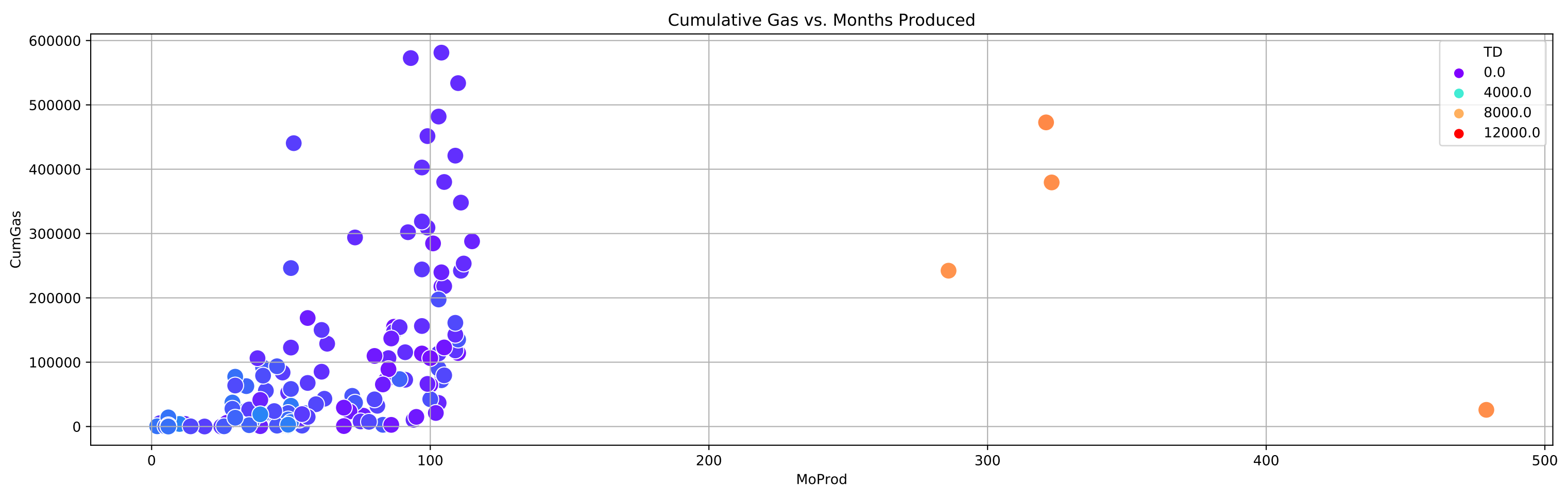
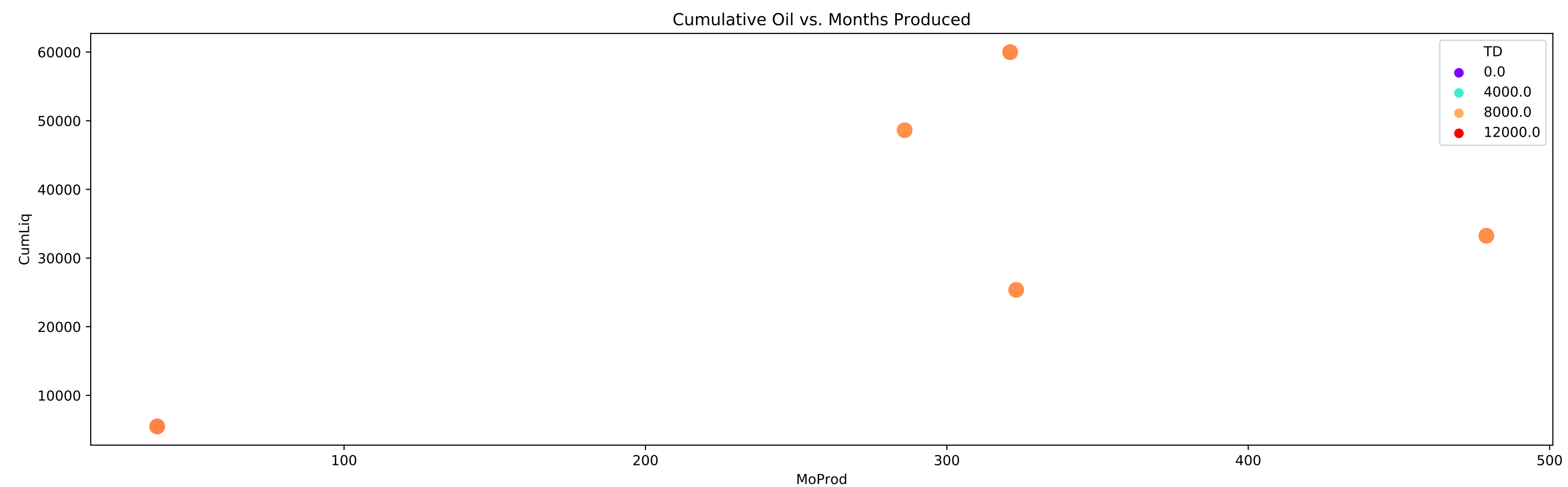
# Old Production Outside of Tract 19 - 3 Mi Radius



Lease Summary for tract 20  
Total Number of Leases: 10  
Average Price \$1/acre in 2020



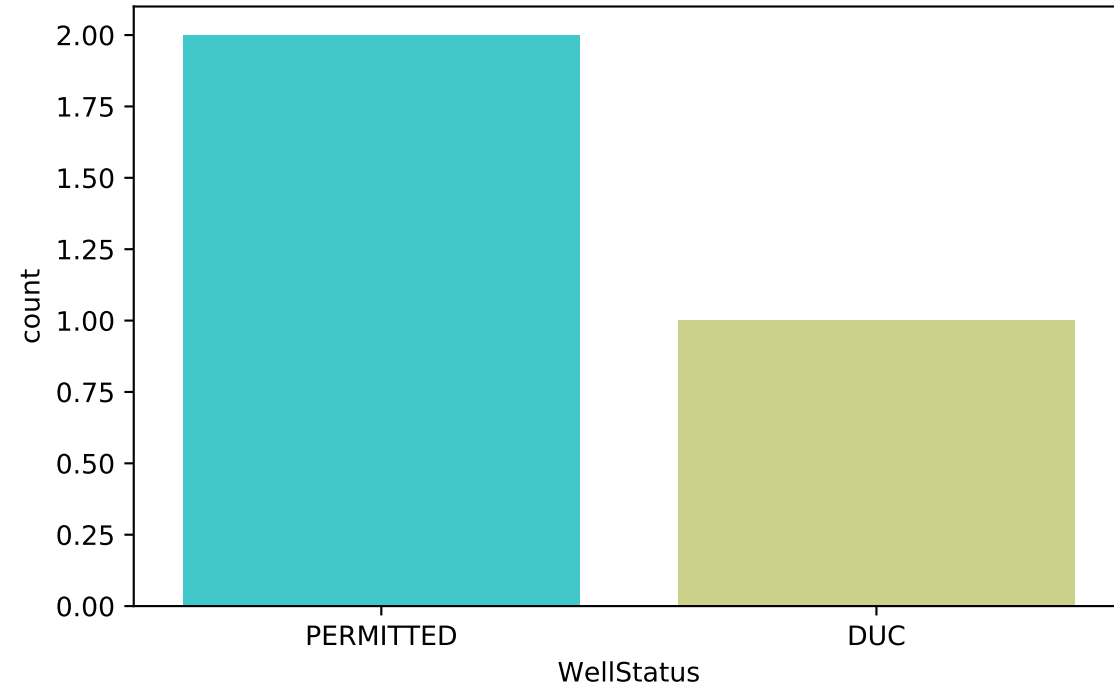
# Old Production Outside of Tract 20 - 3 Mi Radius



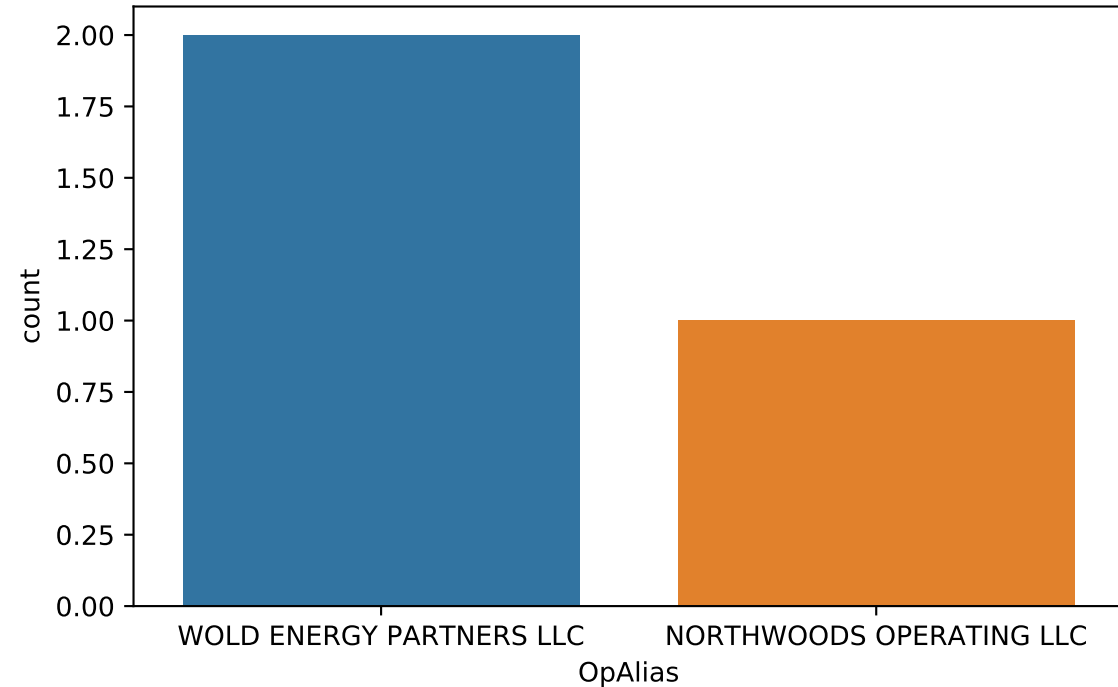
# Permit Summary for Tract 21

Total permits: 3

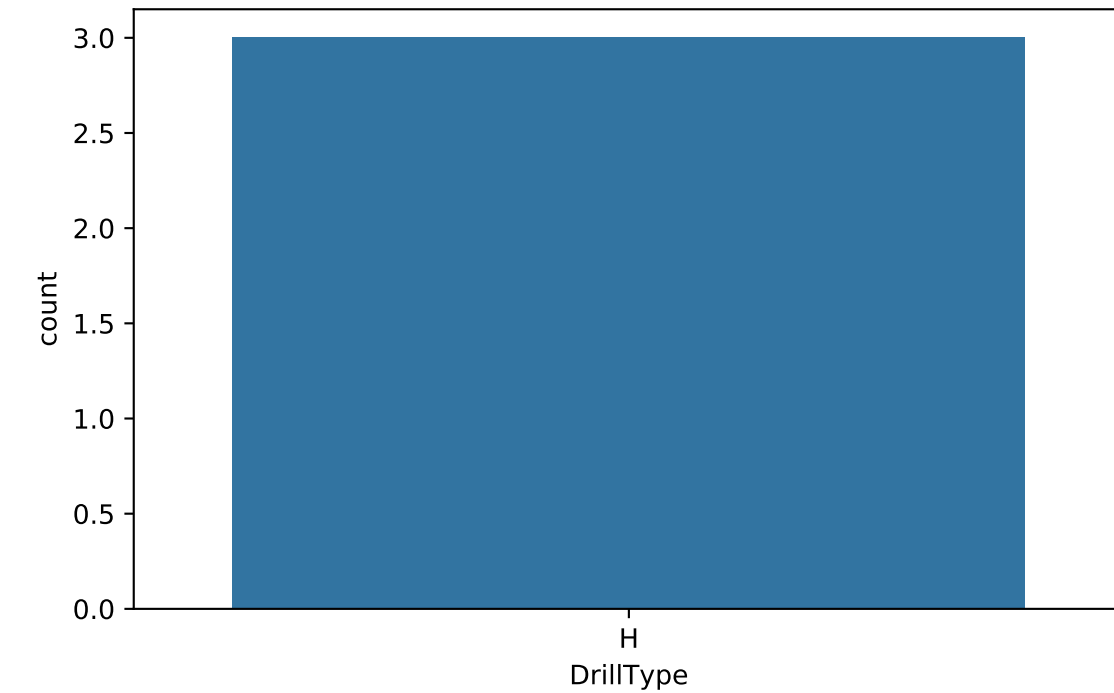
## Permits by Well Status



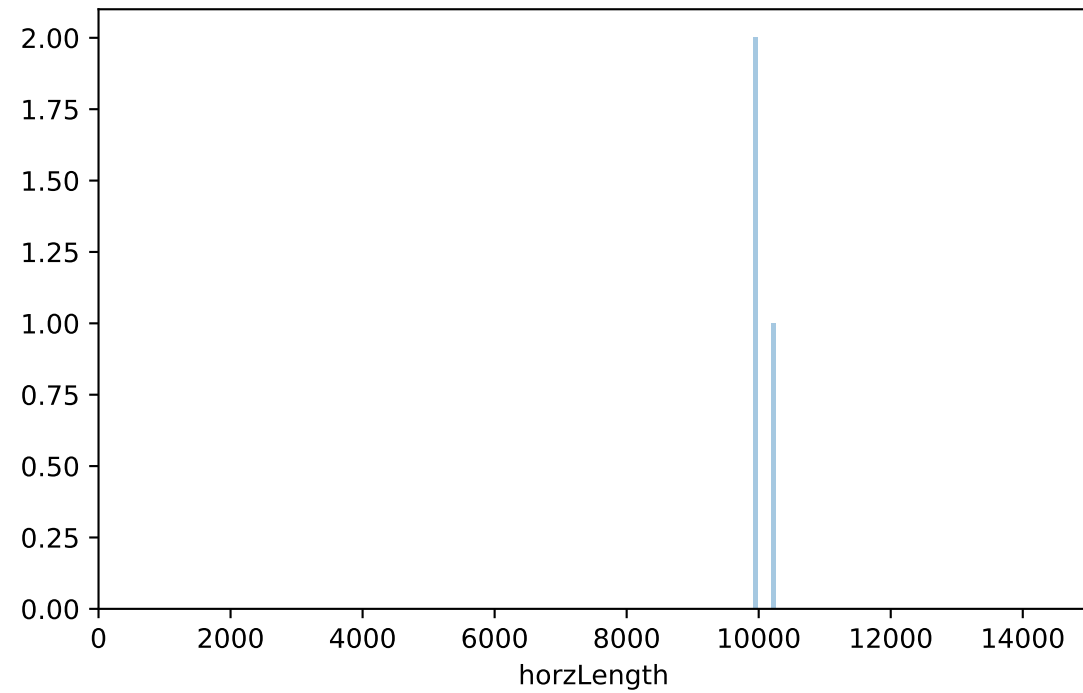
## Permits by Operator



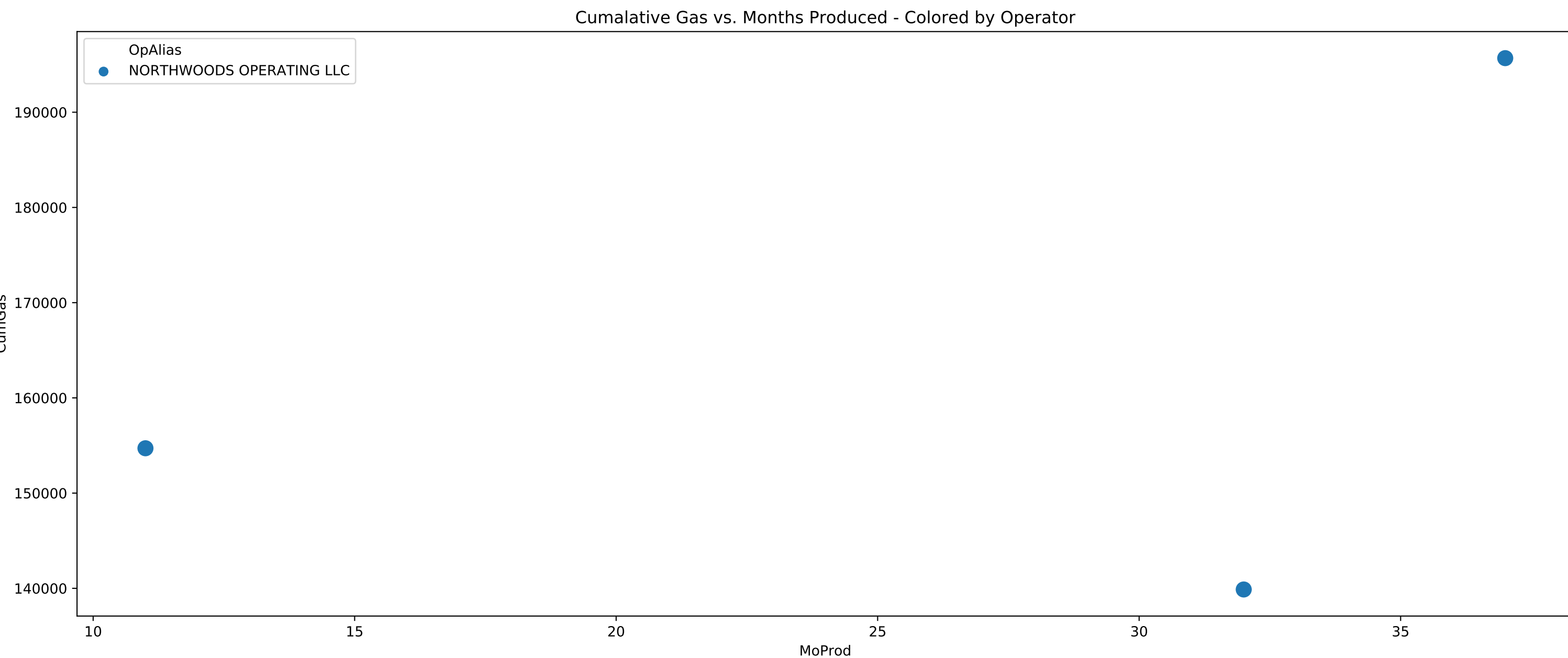
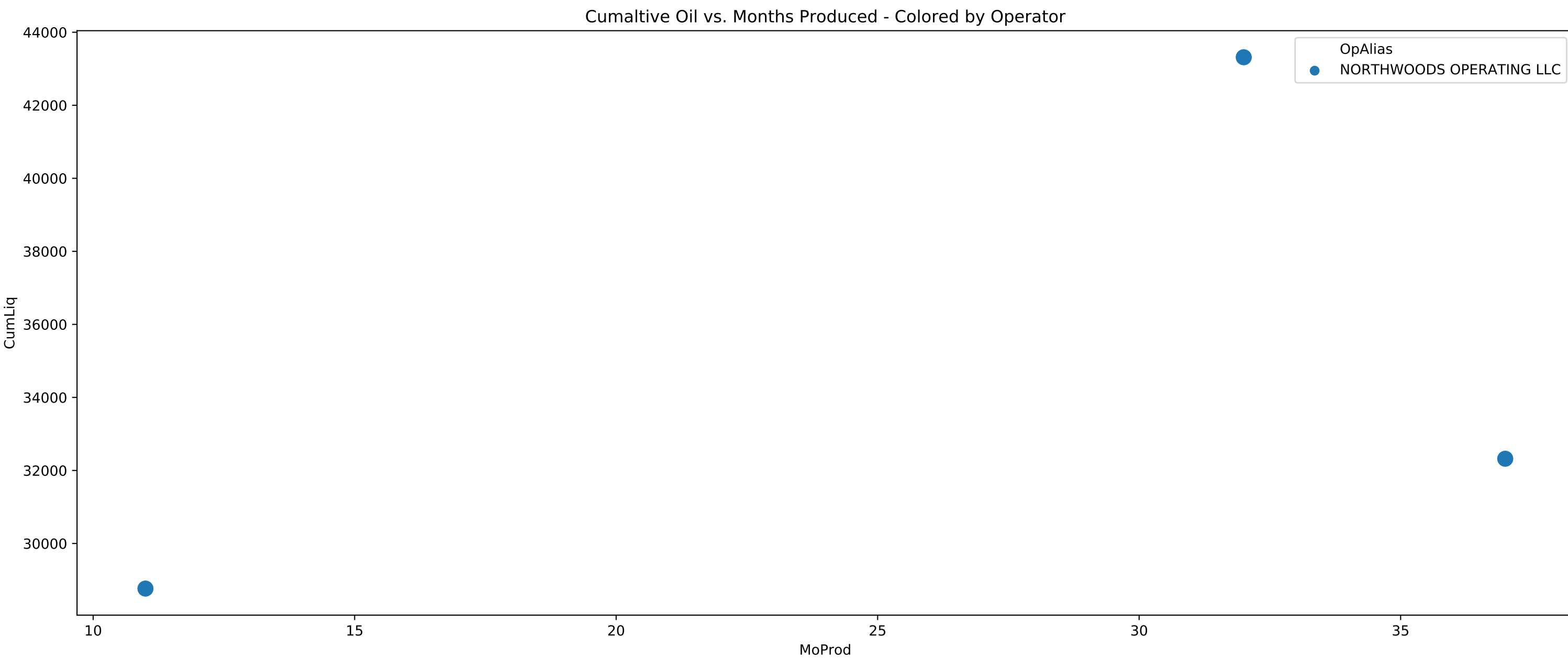
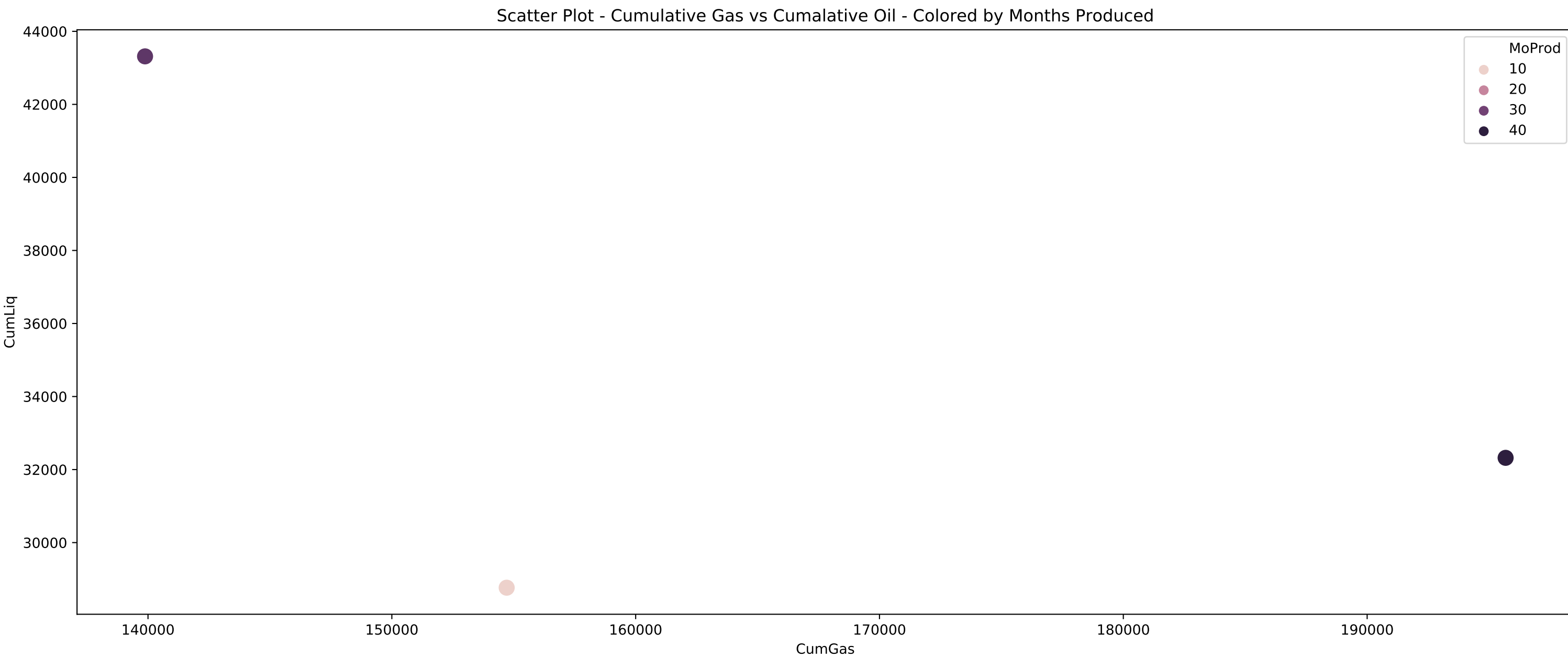
## Permits by Well Type (H,D,V)



## Permit Horizontal Lengths - Binned

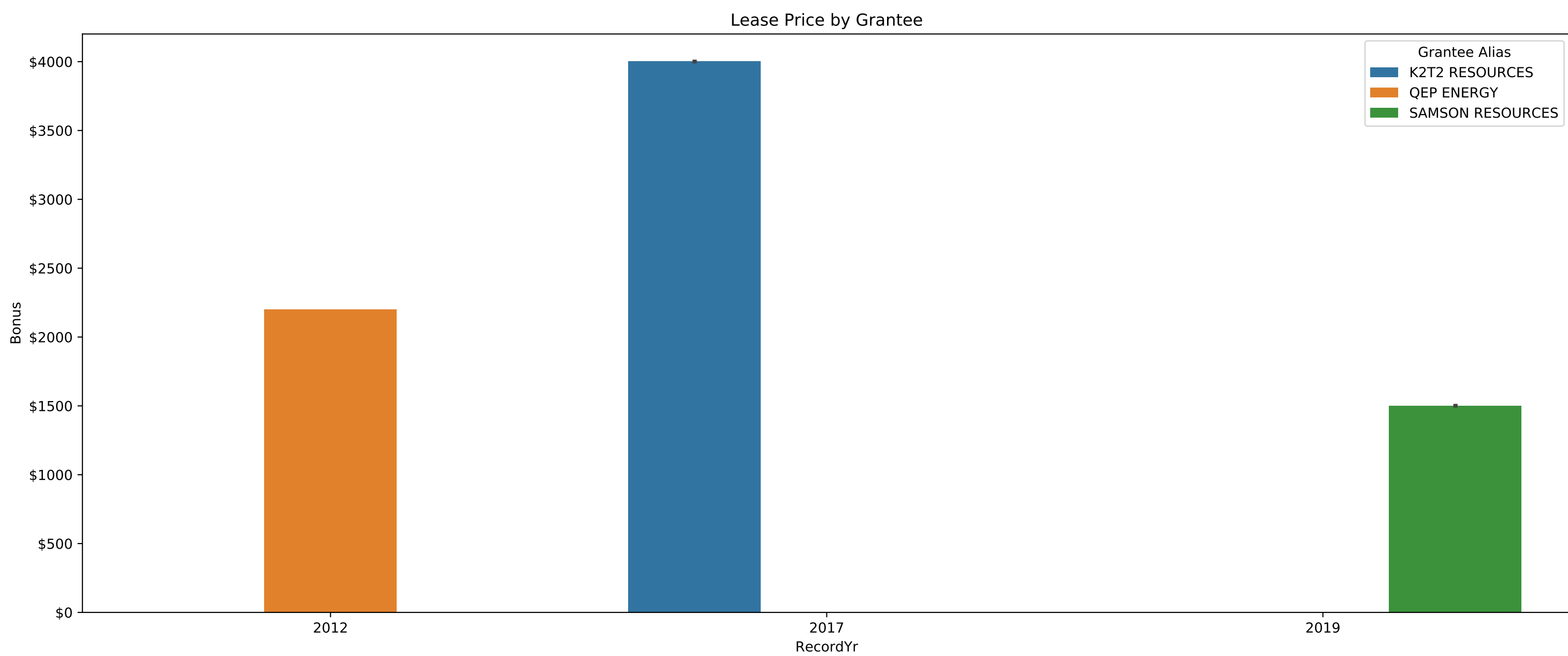
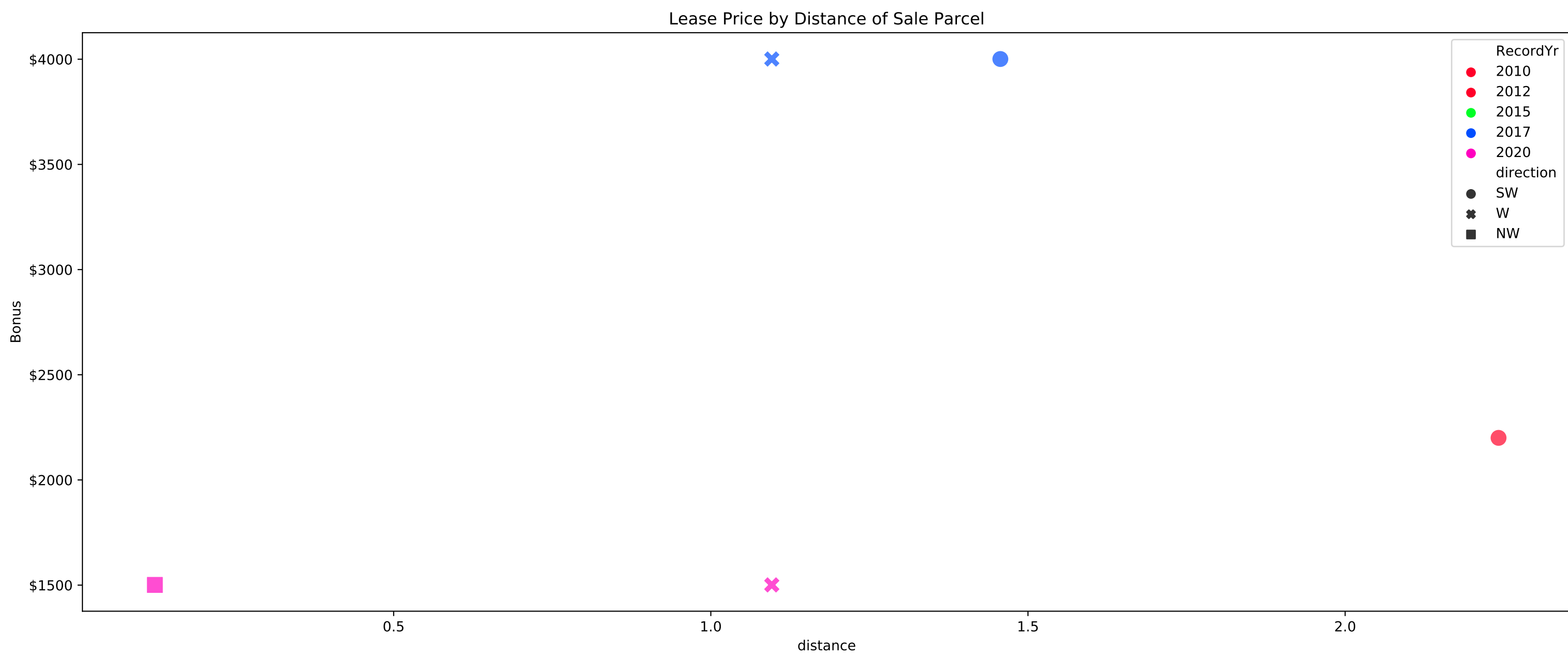
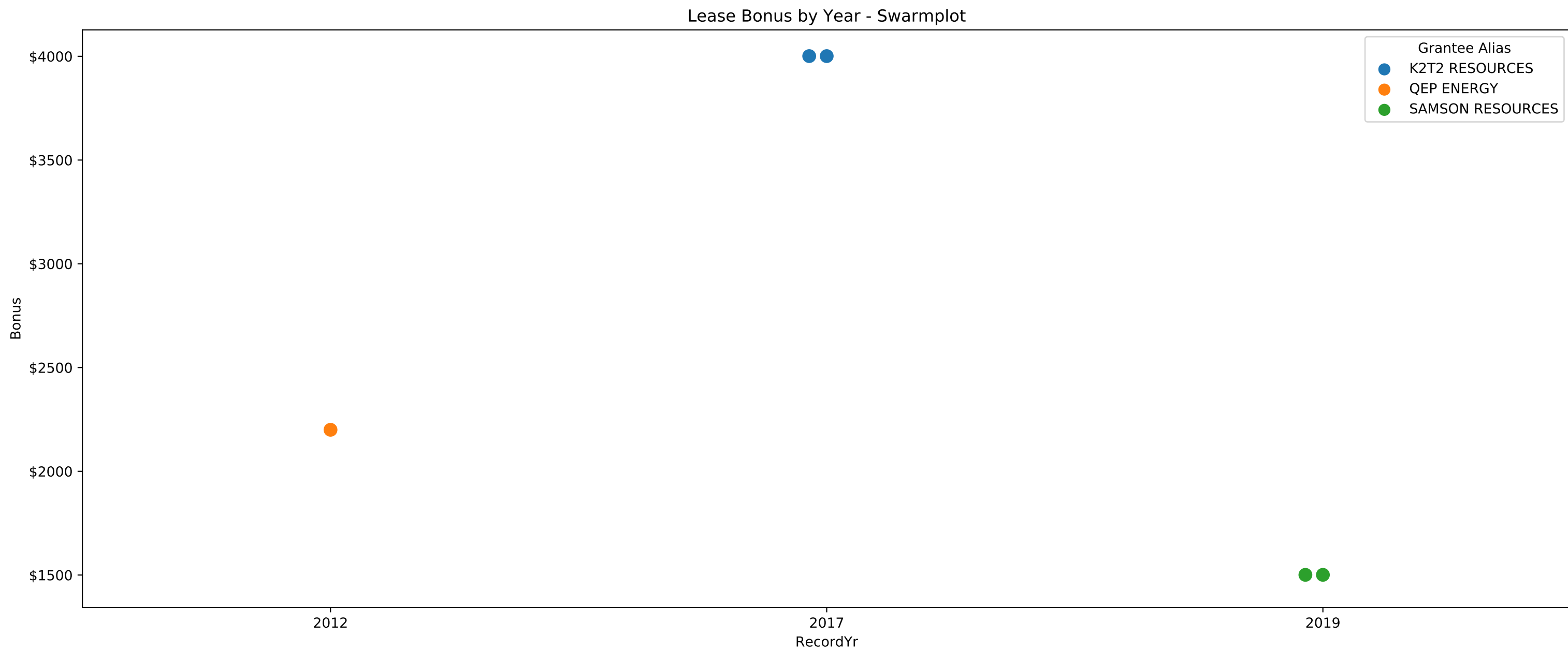


Production Dashboard for tract 21

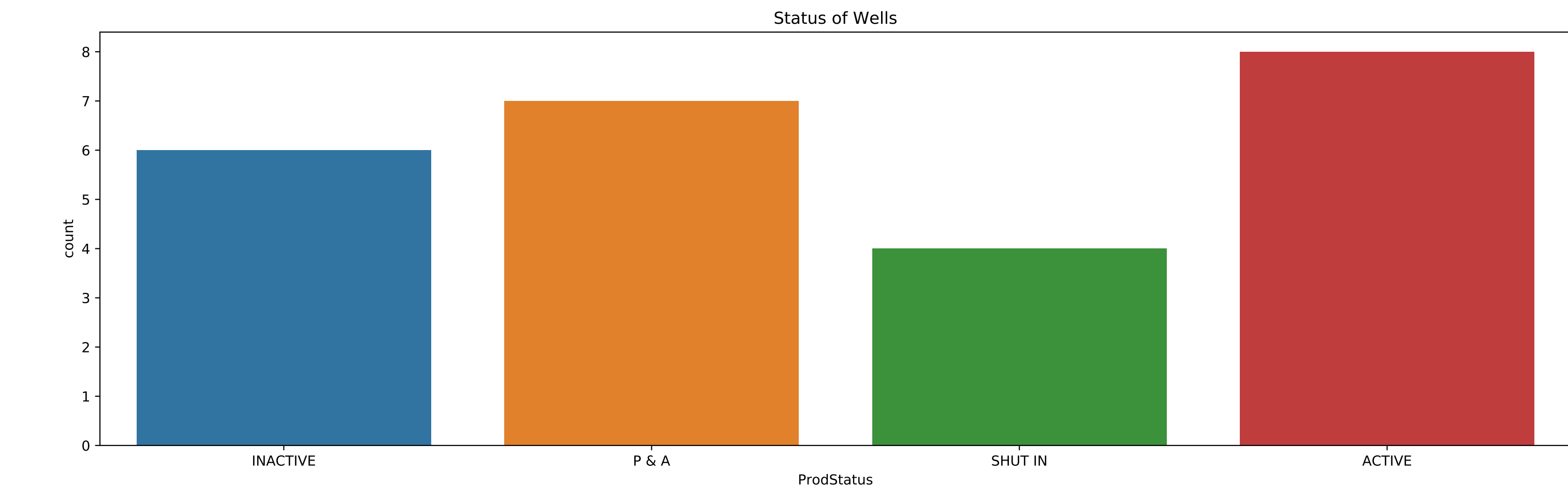
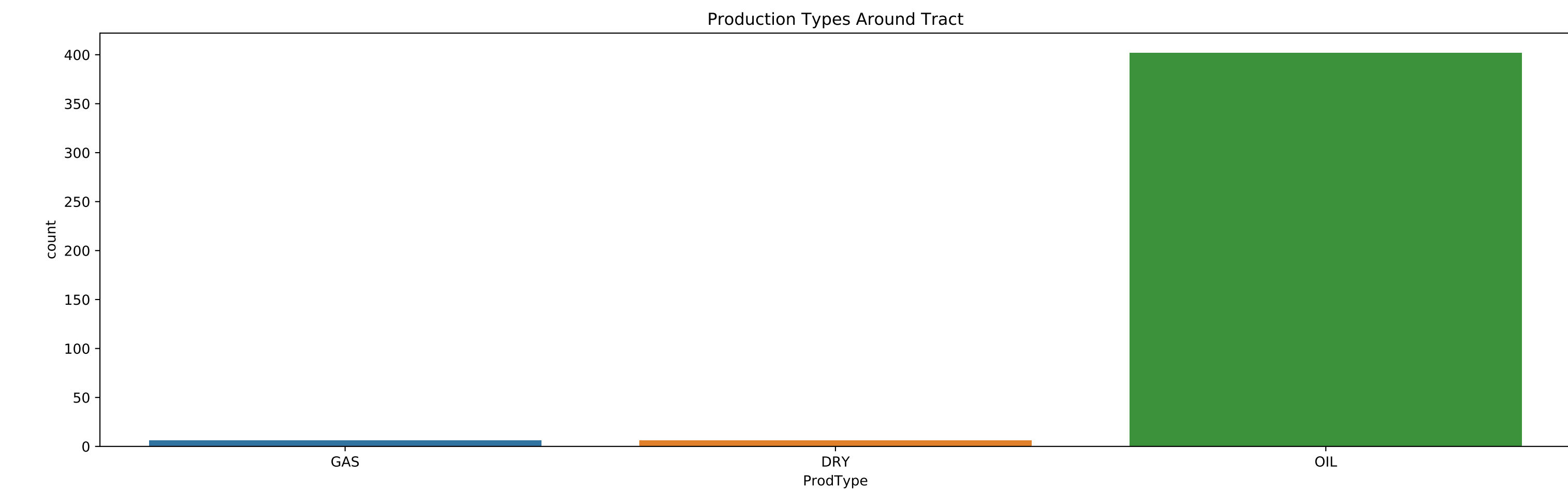
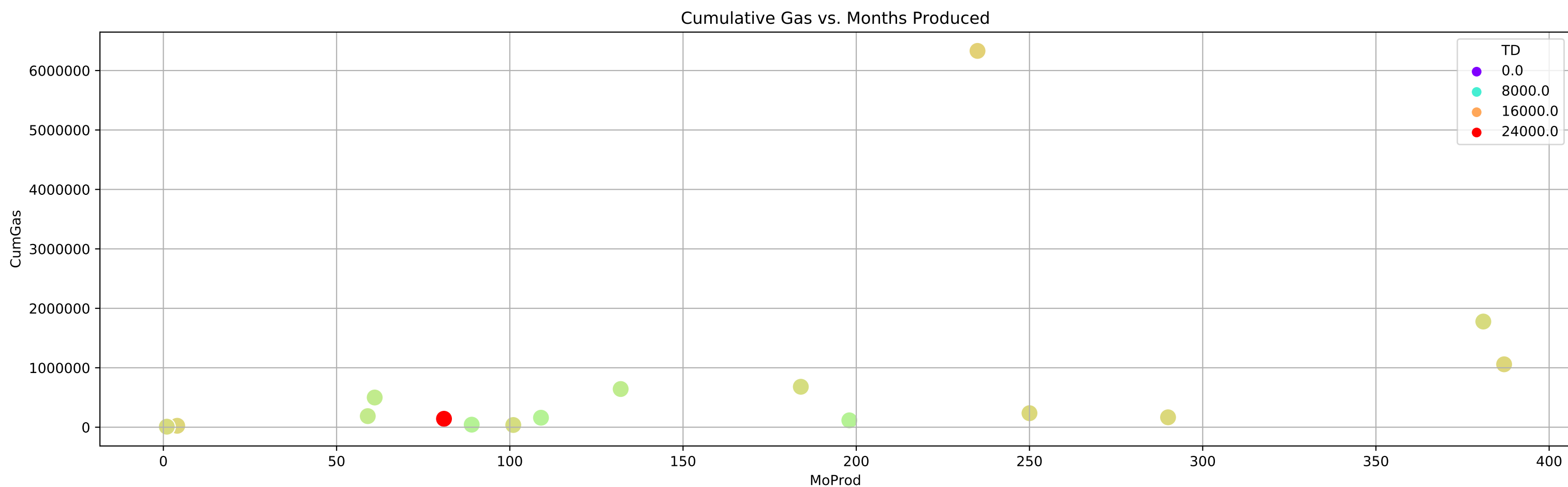
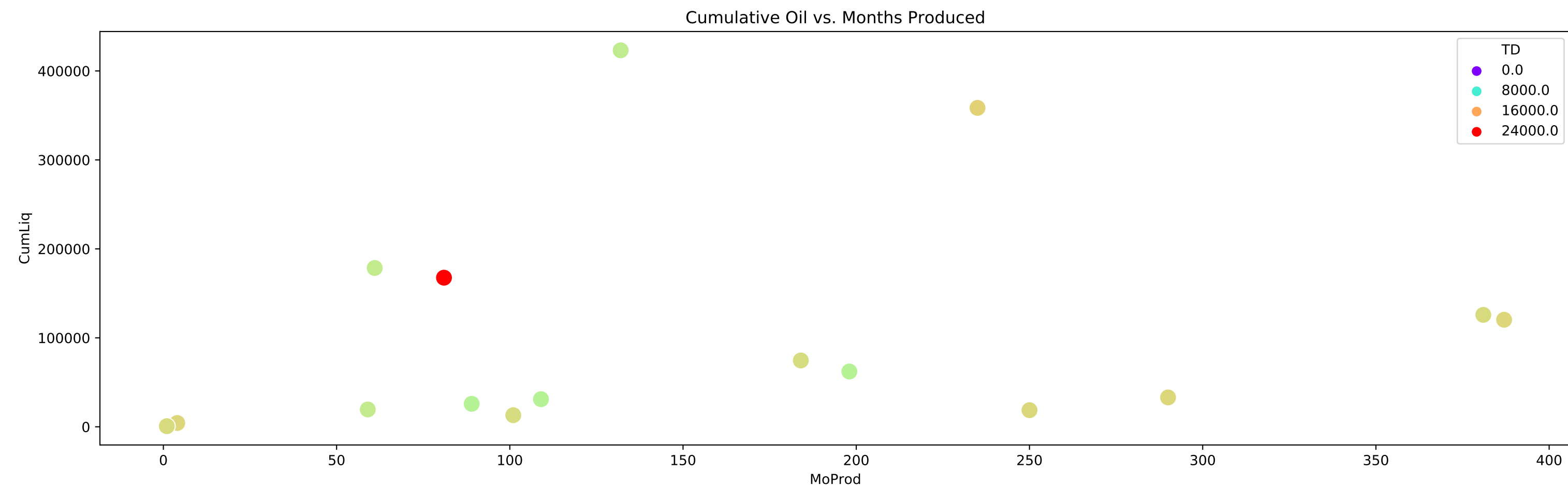




Lease Summary for tract 21  
Total Number of Leases: 5  
Average Price \$1501/acre in 2019



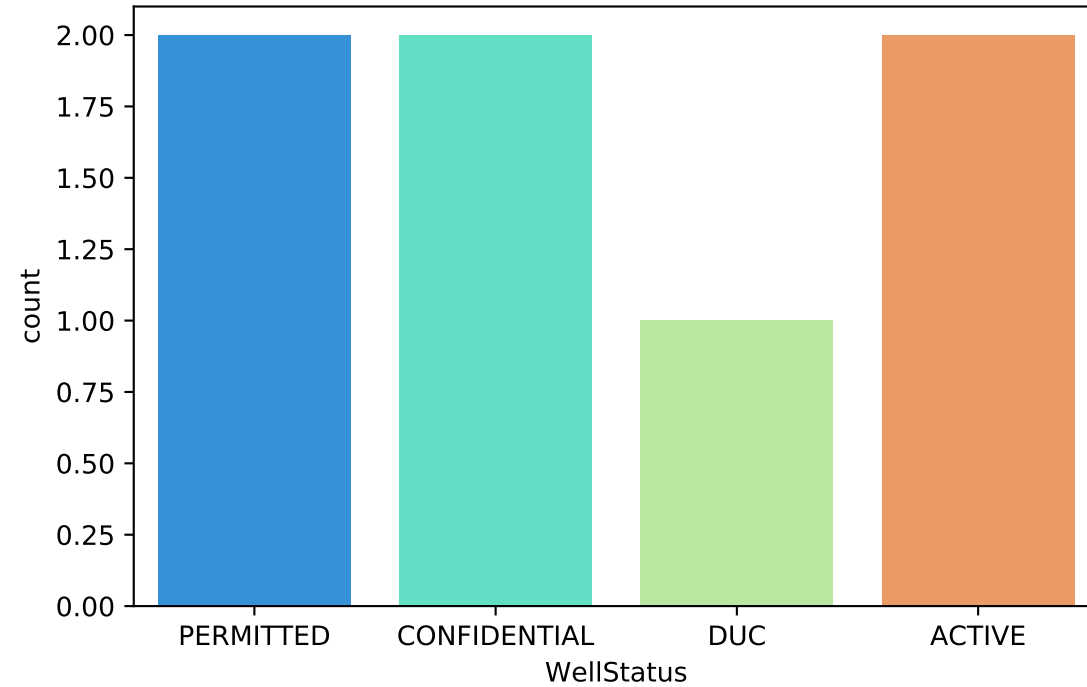
# Old Production Outside of Tract 21 - 3 Mi Radius



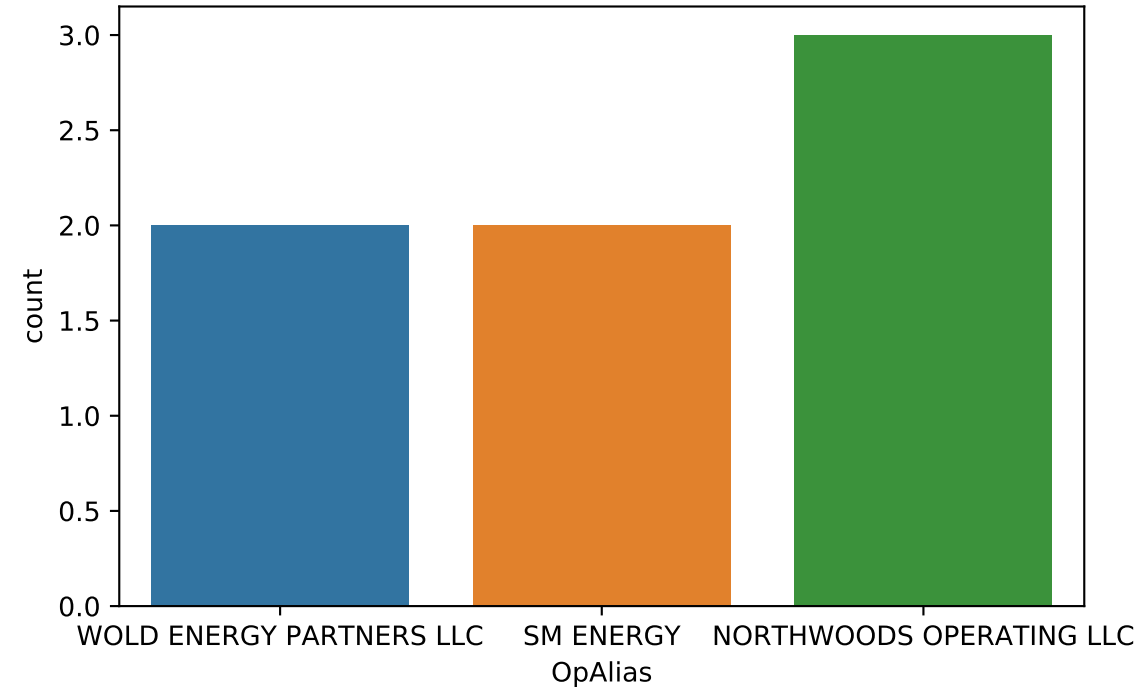
# Permit Summary for Tract 92

Total permits: 7

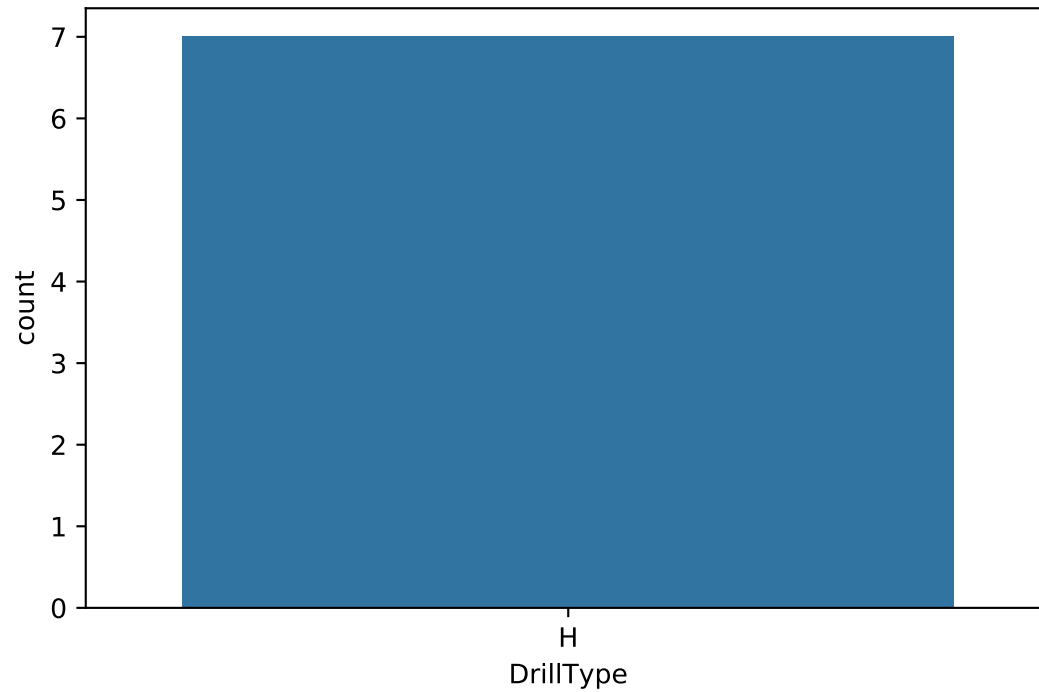
## Permits by Well Status



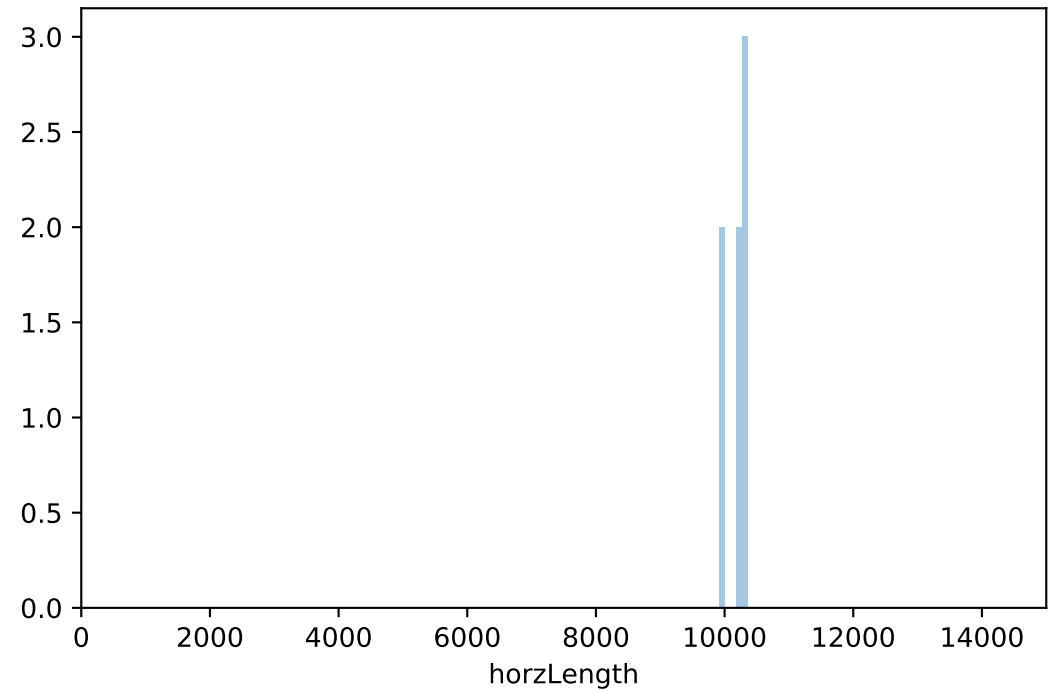
## Permits by Operator



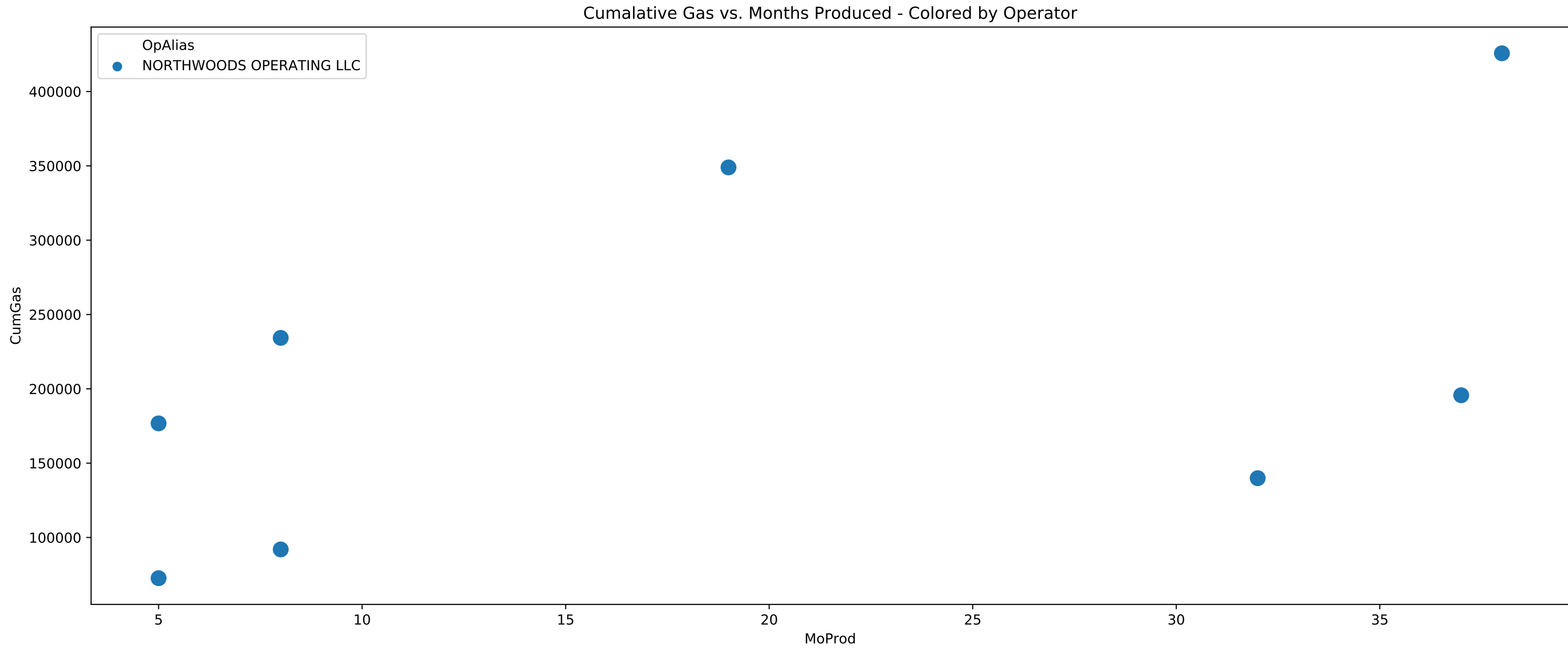
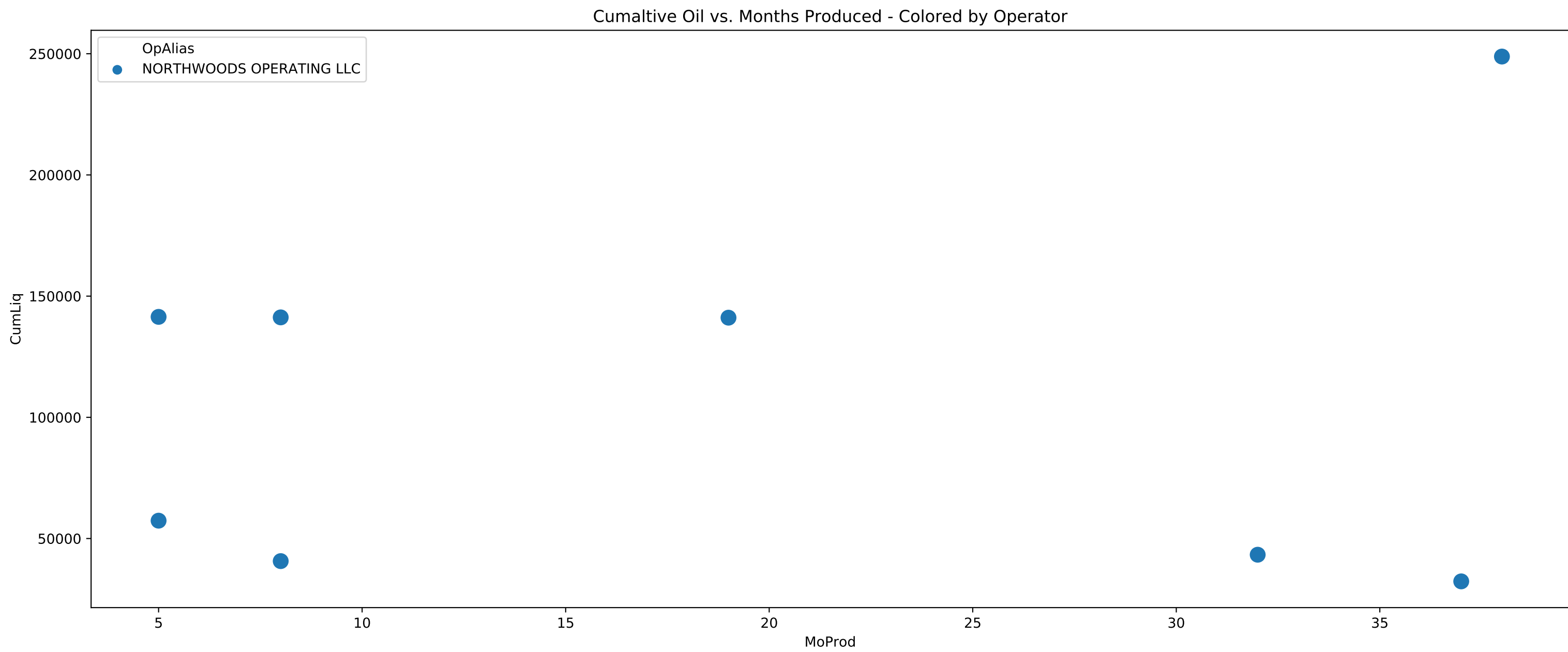
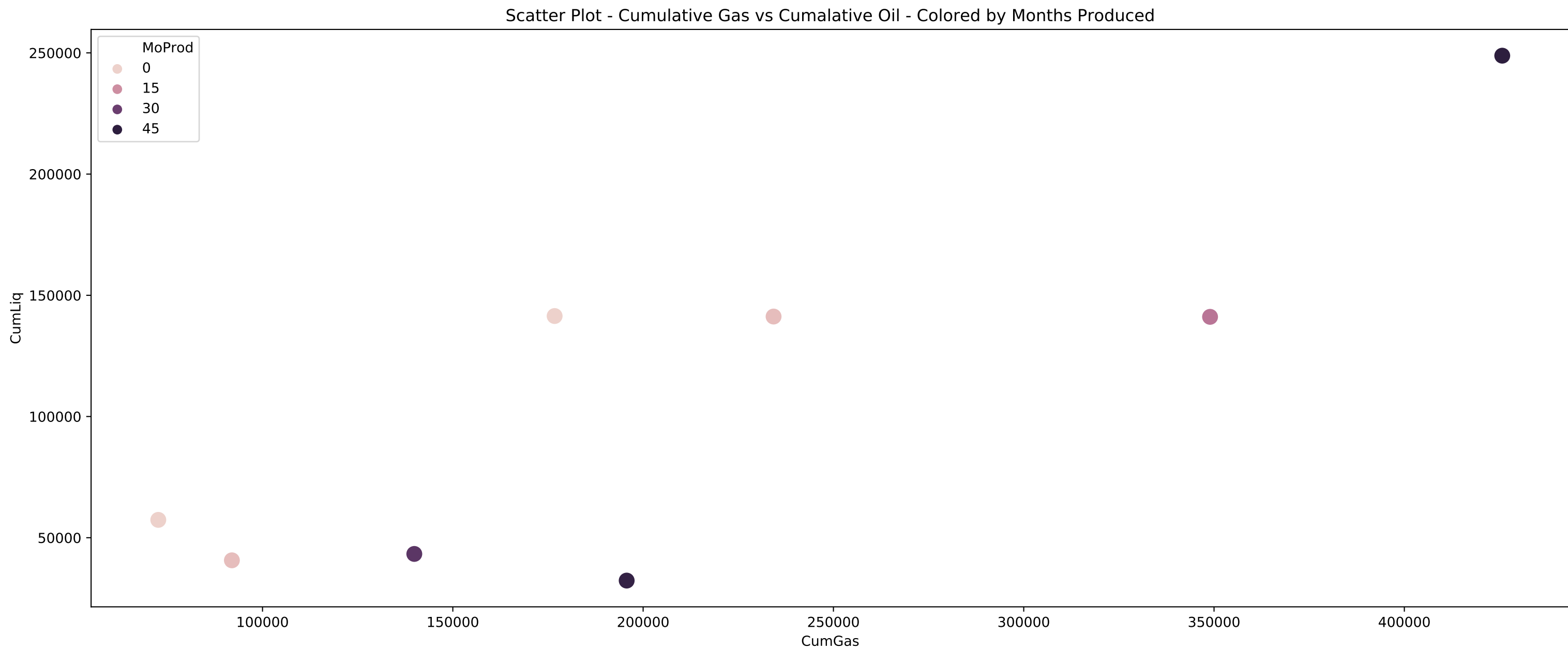
## Permits by Well Type (H,D,V)



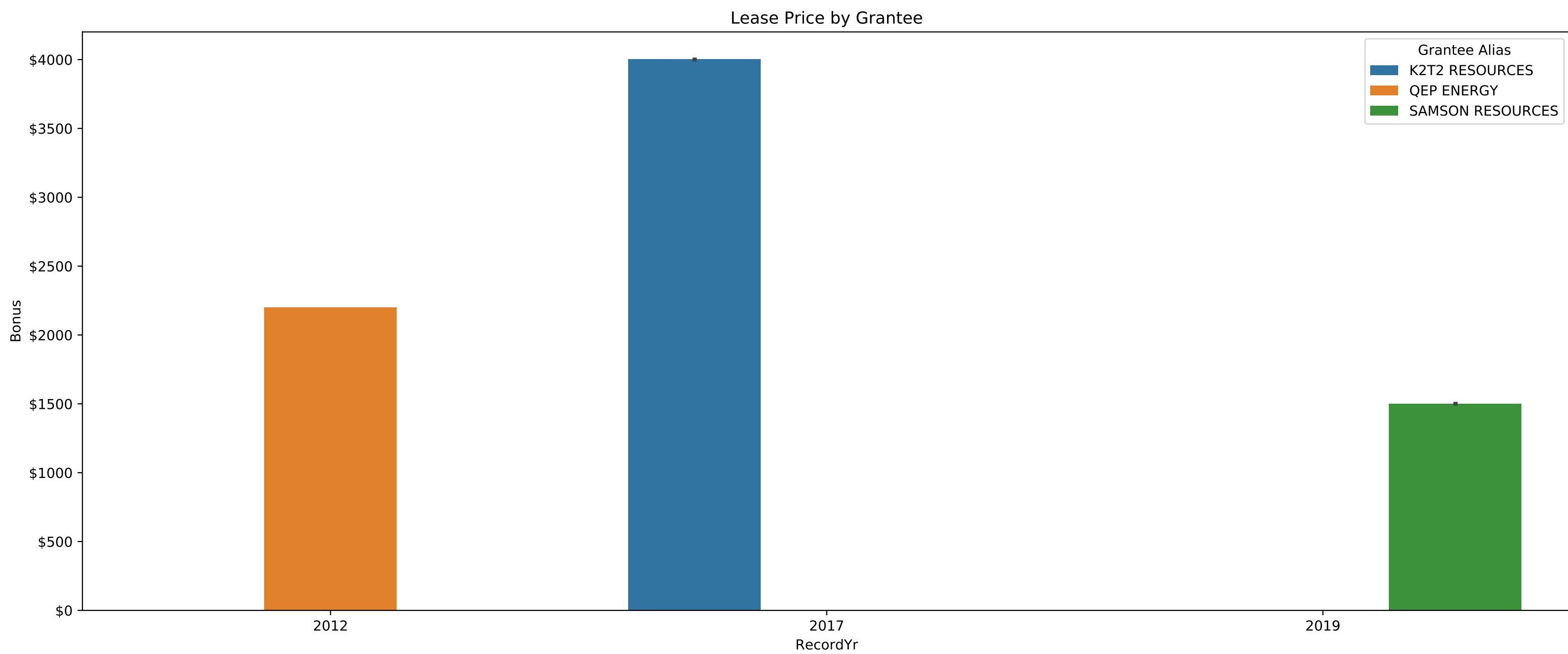
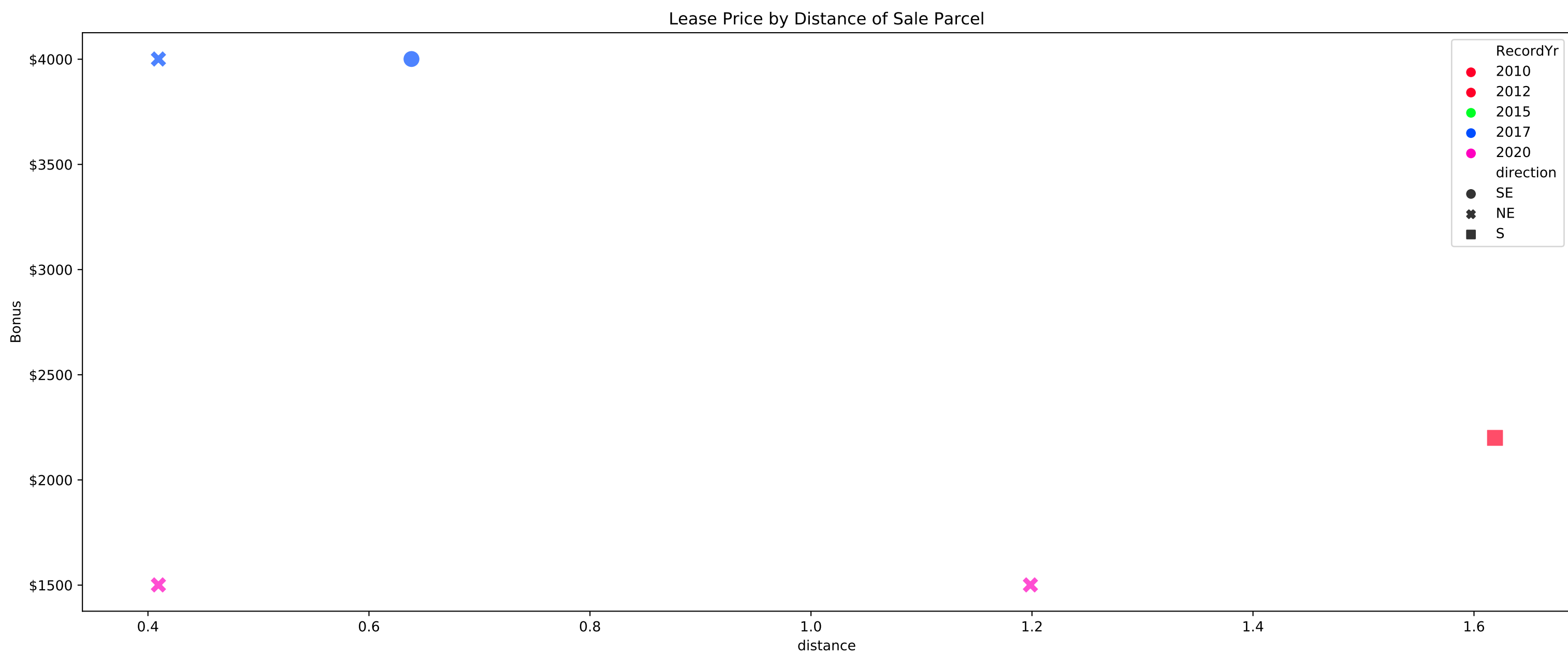
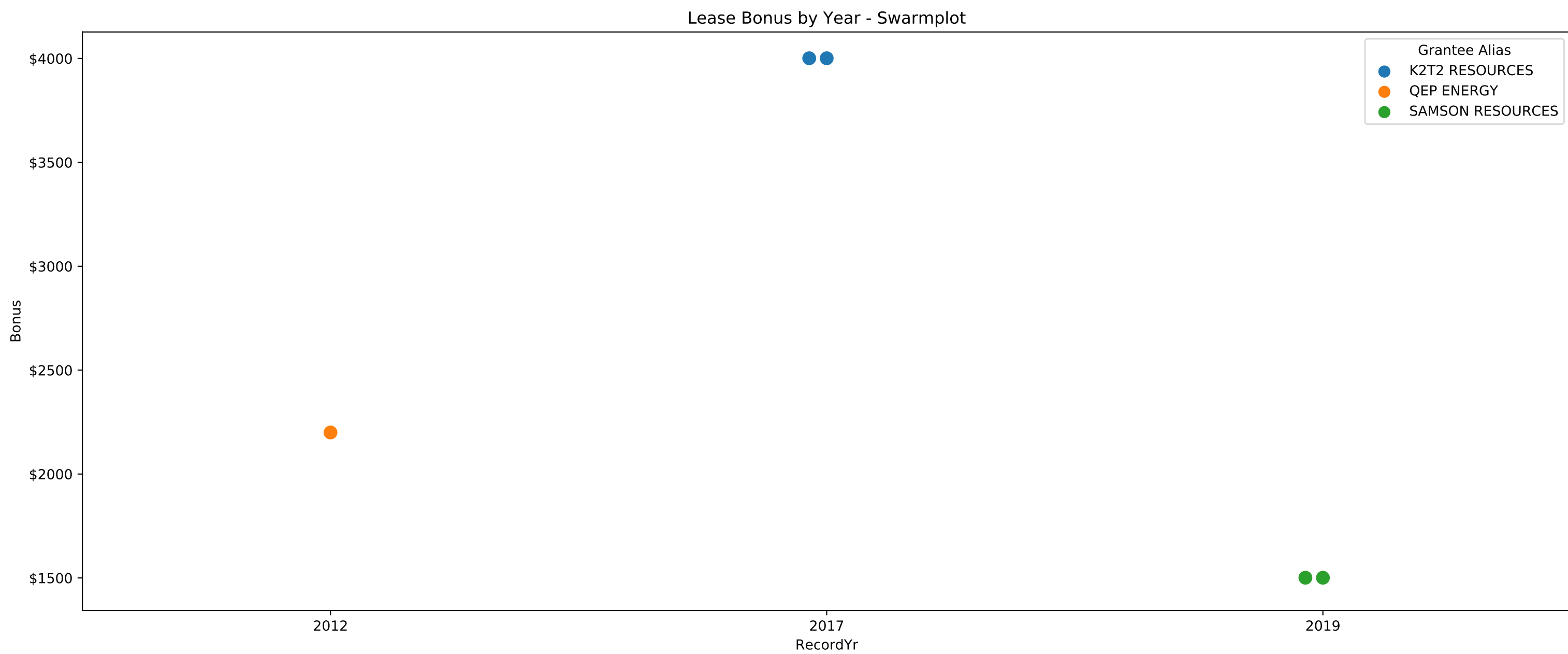
## Permit Horizontal Lengths - Binned



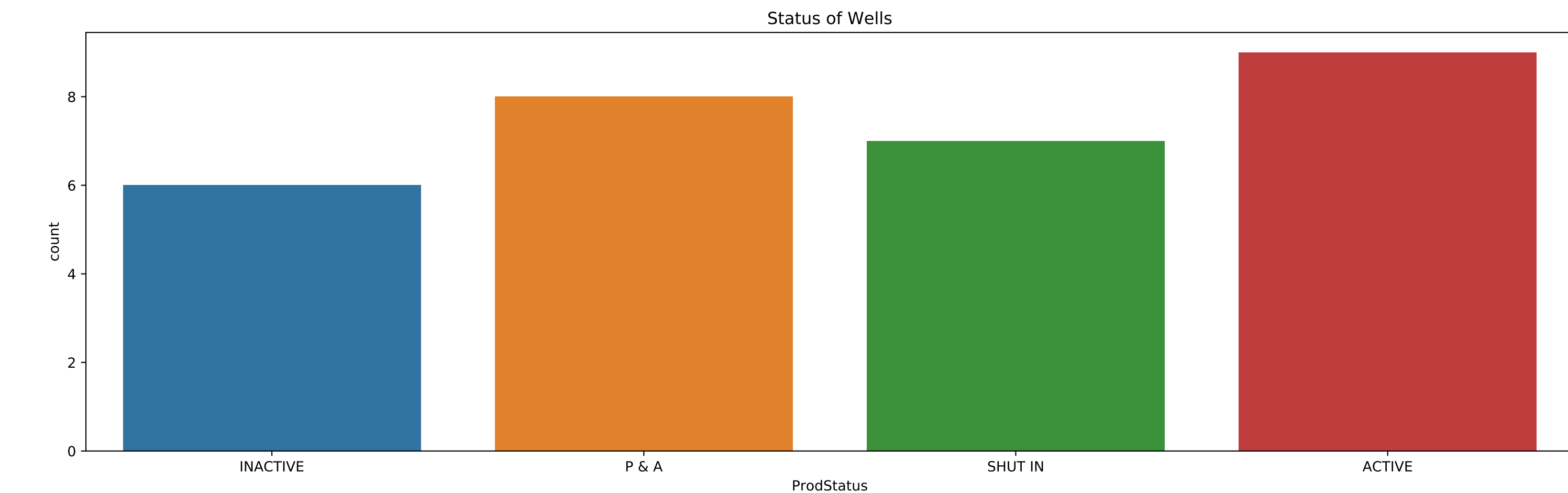
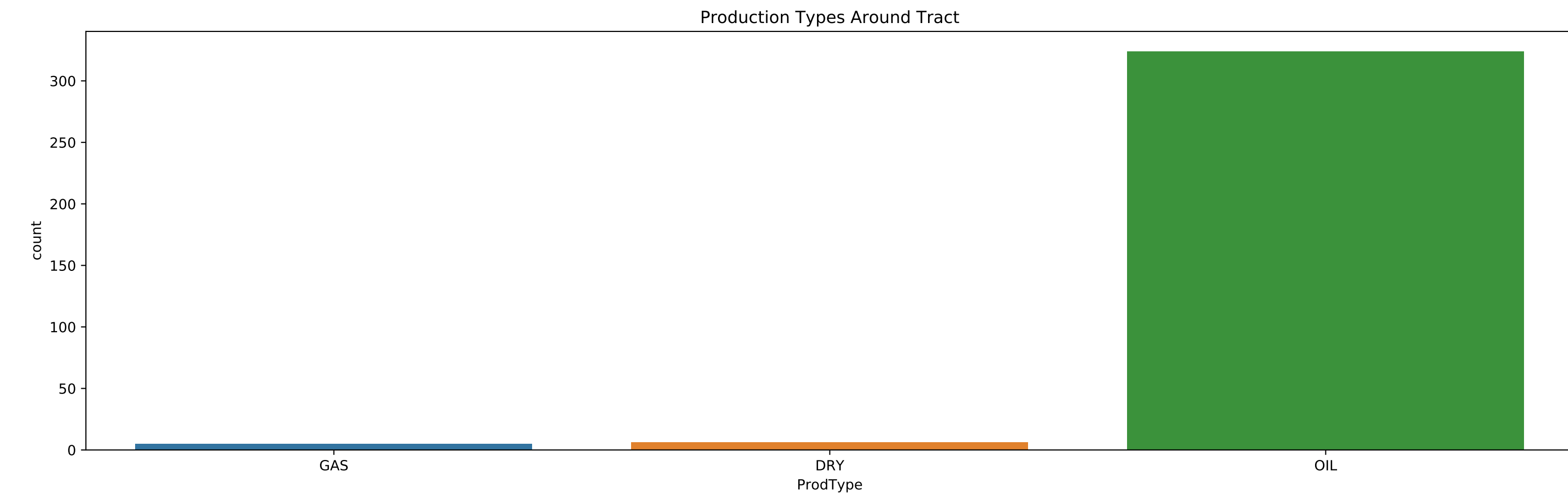
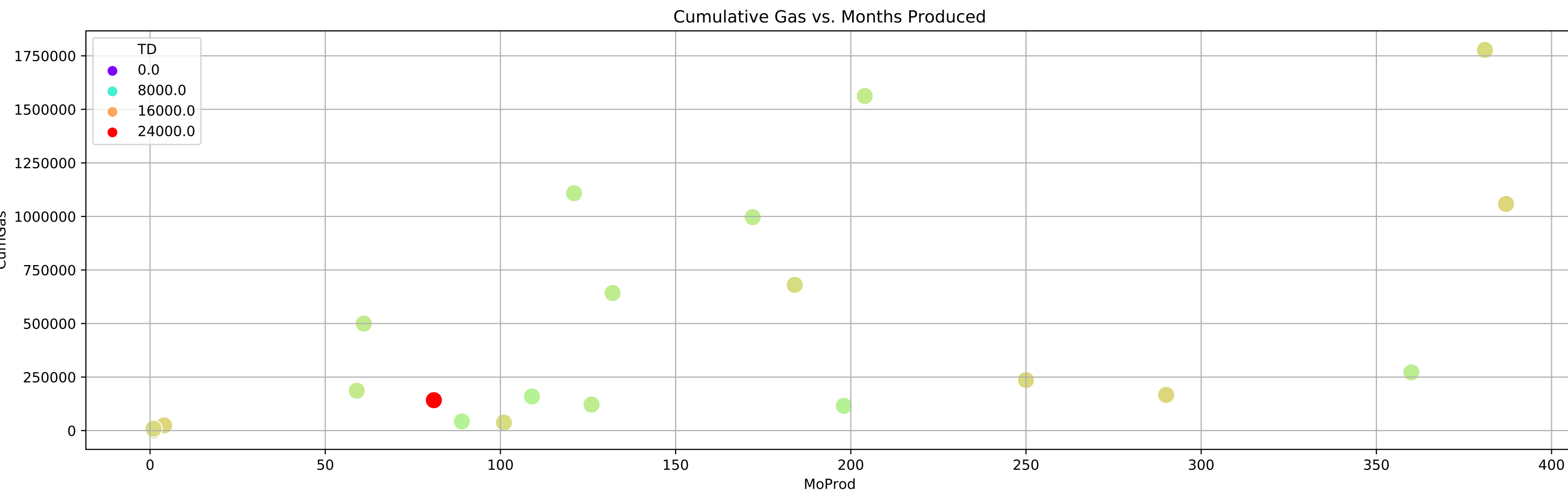
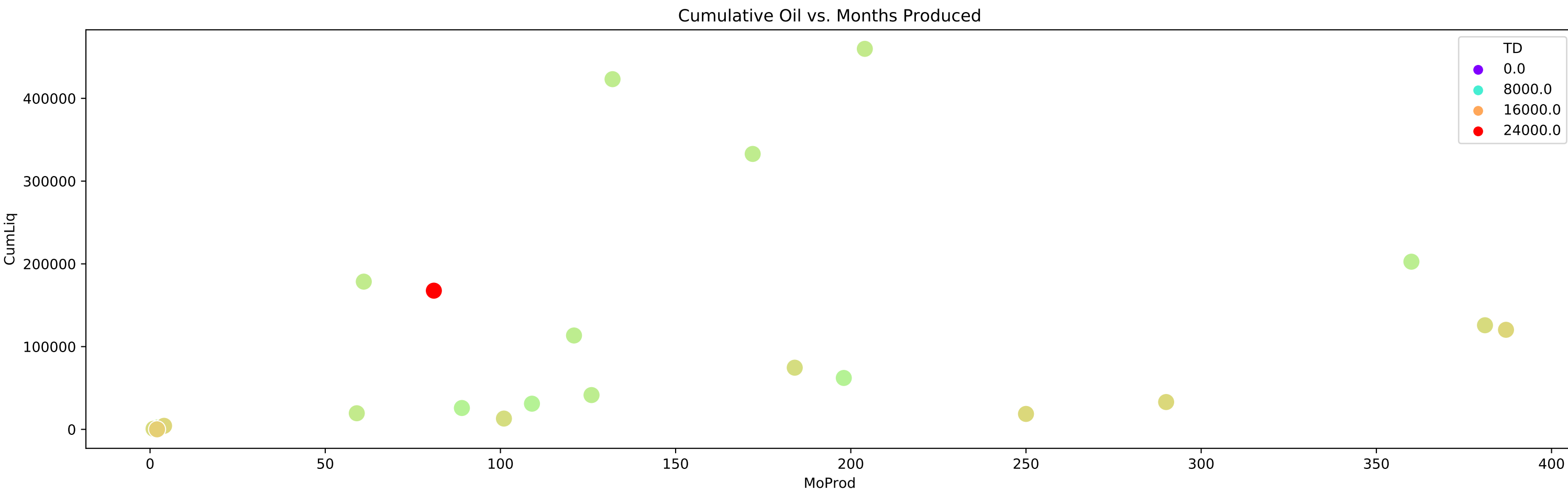
# Production Dashboard for tract 92



Lease Summary for tract 92  
Total Number of Leases: 5  
Average Price \$1501/acre in 2019



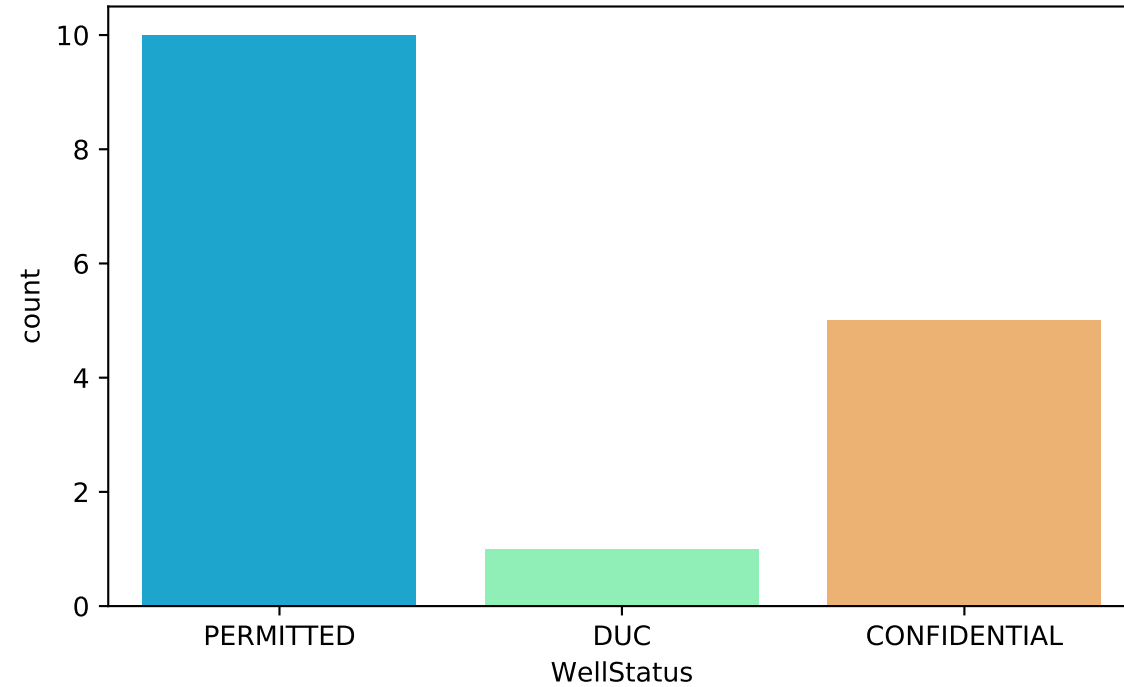
Old Production Outside of Tract 92 - 3 Mi Radius



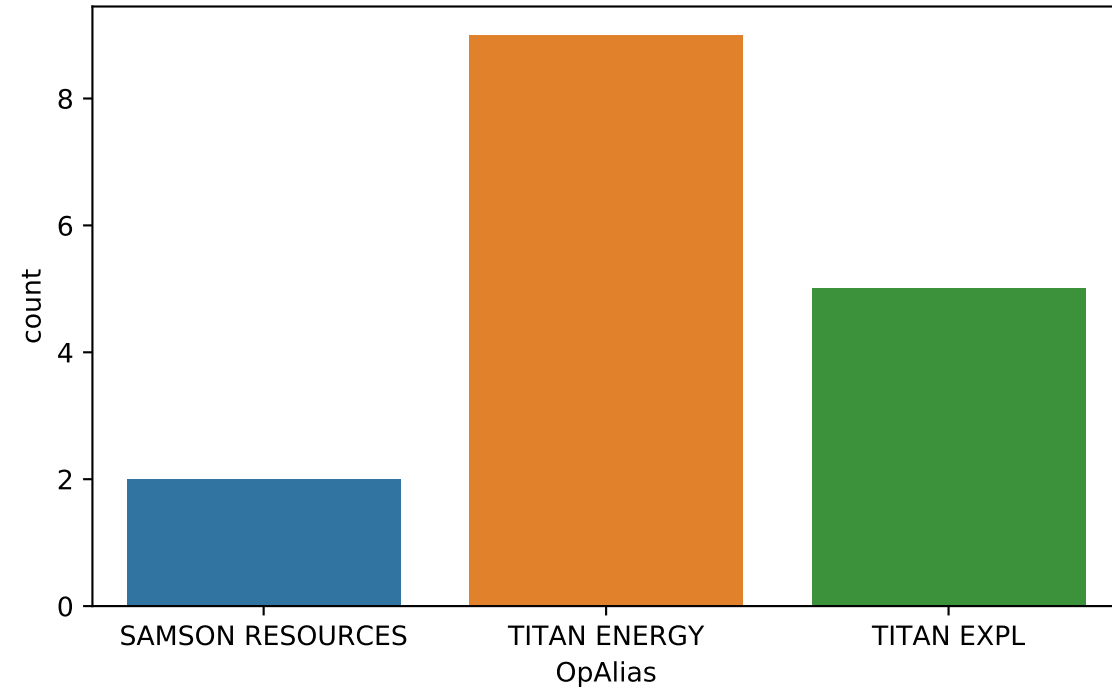
# Permit Summary for Tract 22

Total permits: 16

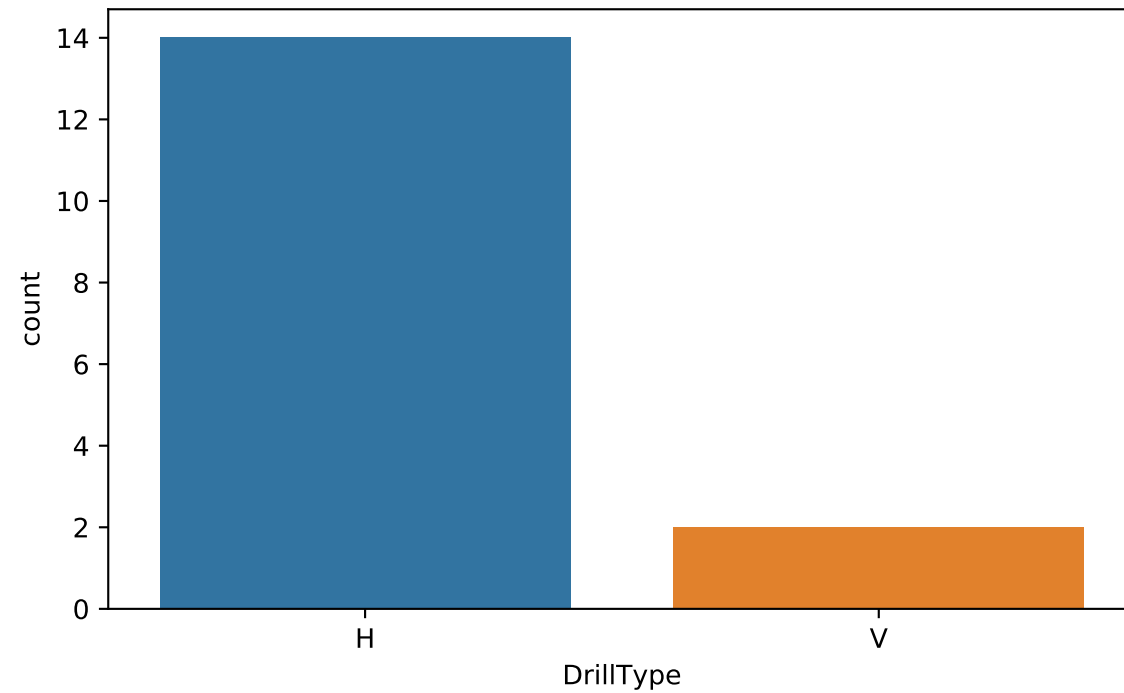
## Permits by Well Status



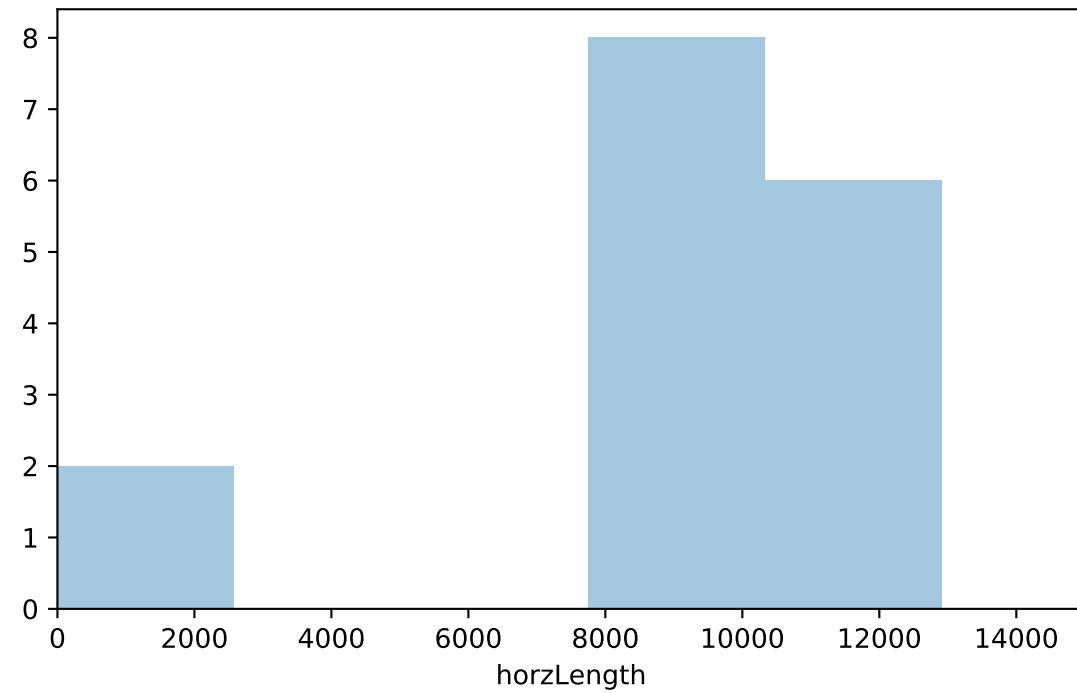
## Permits by Operator



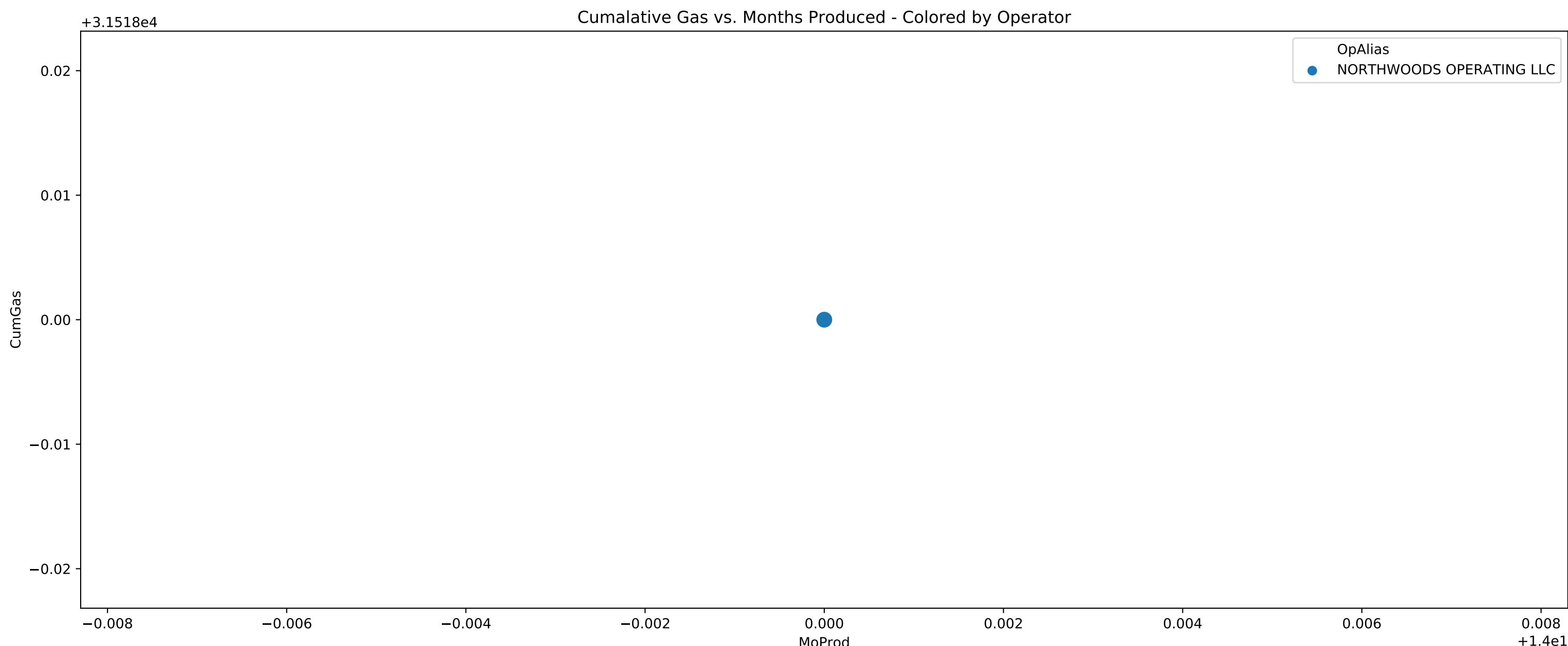
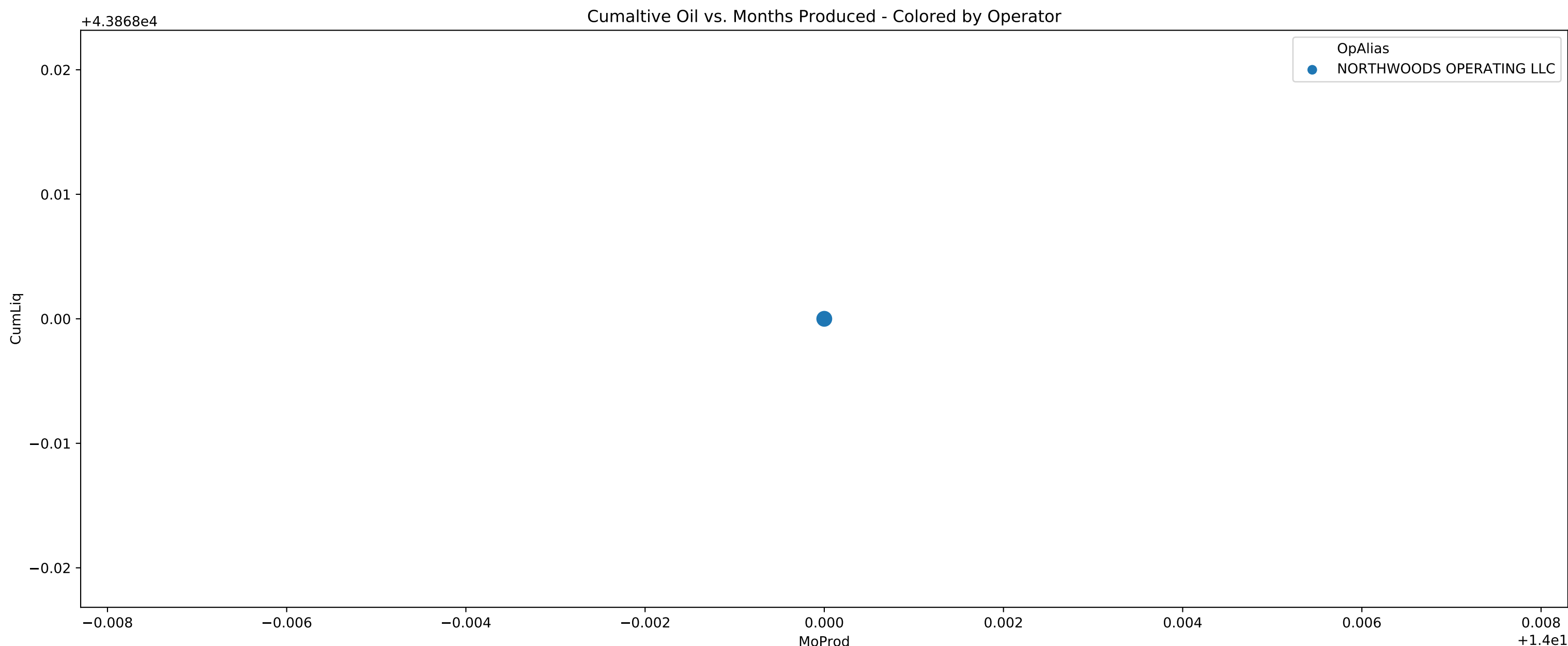
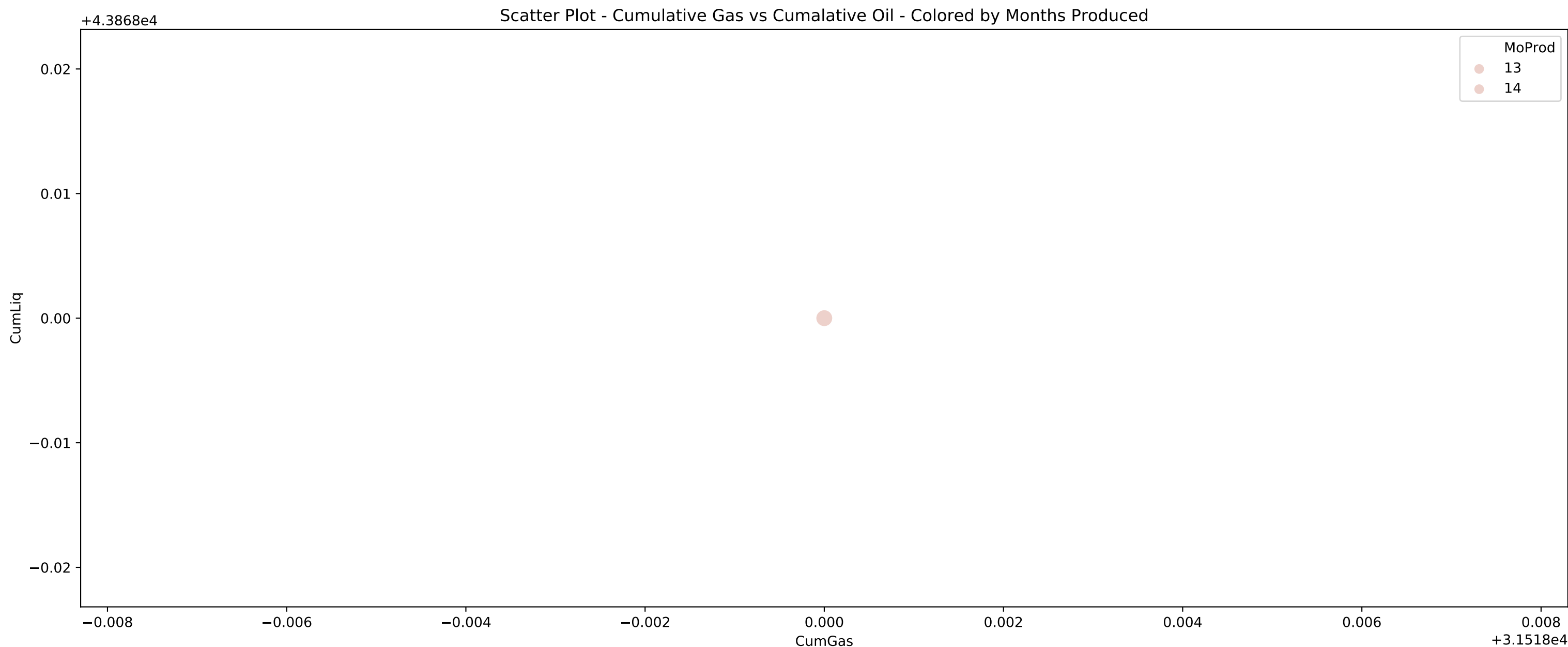
## Permits by Well Type (H,D,V)



## Permit Horizontal Lengths - Binned

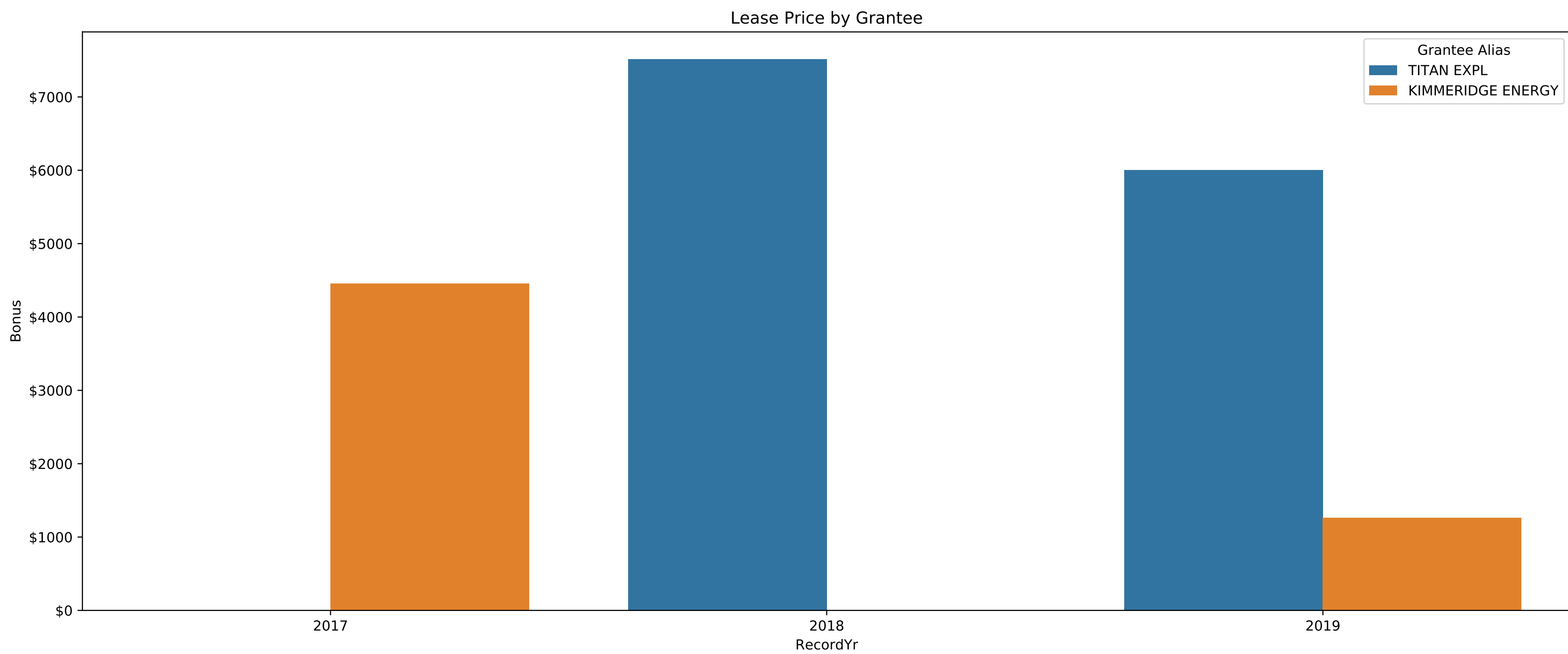
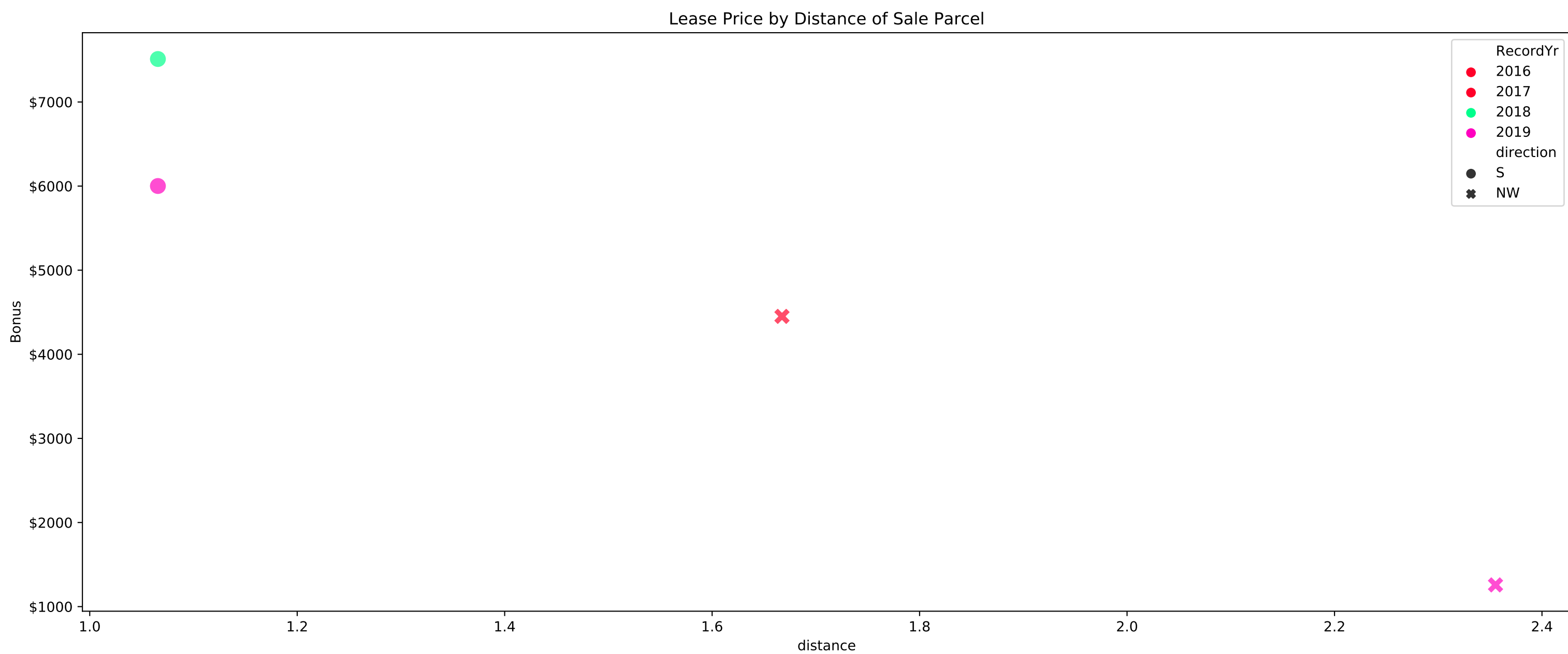
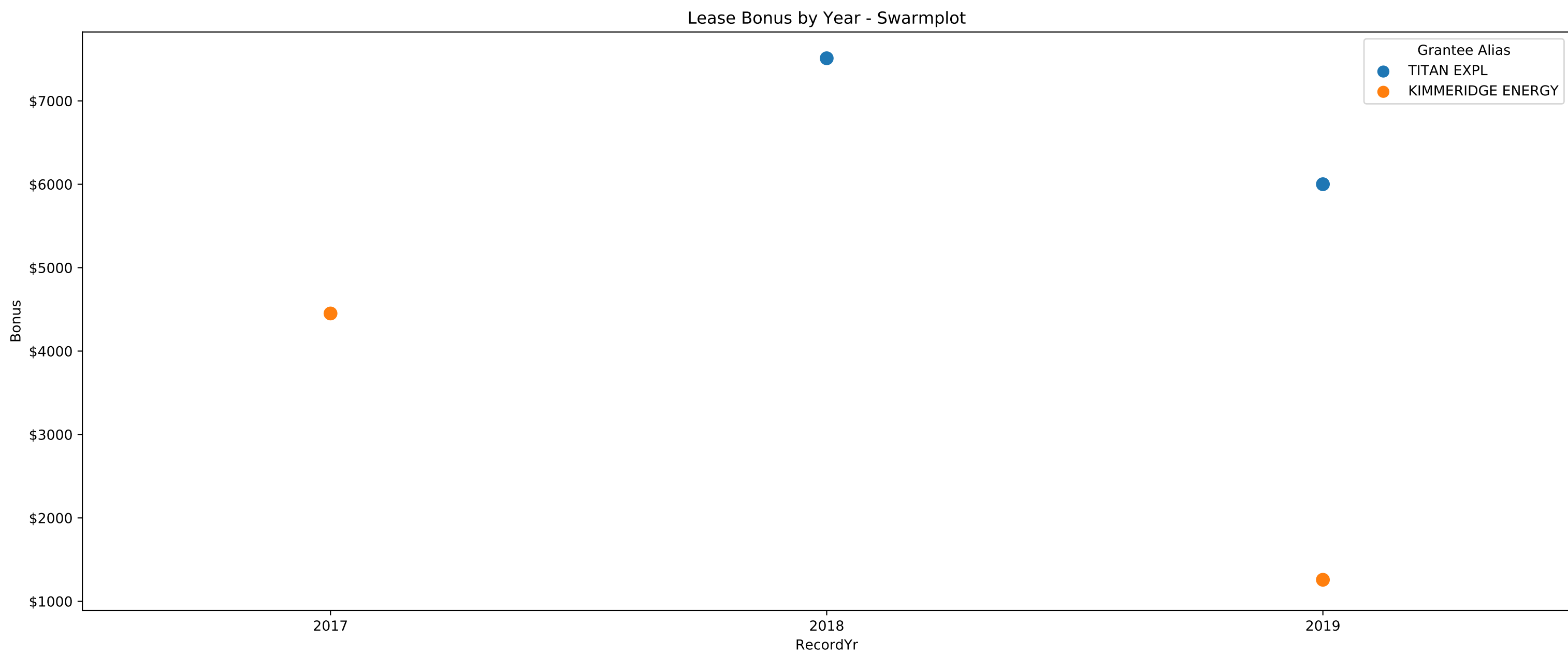


Production Dashboard for tract 22

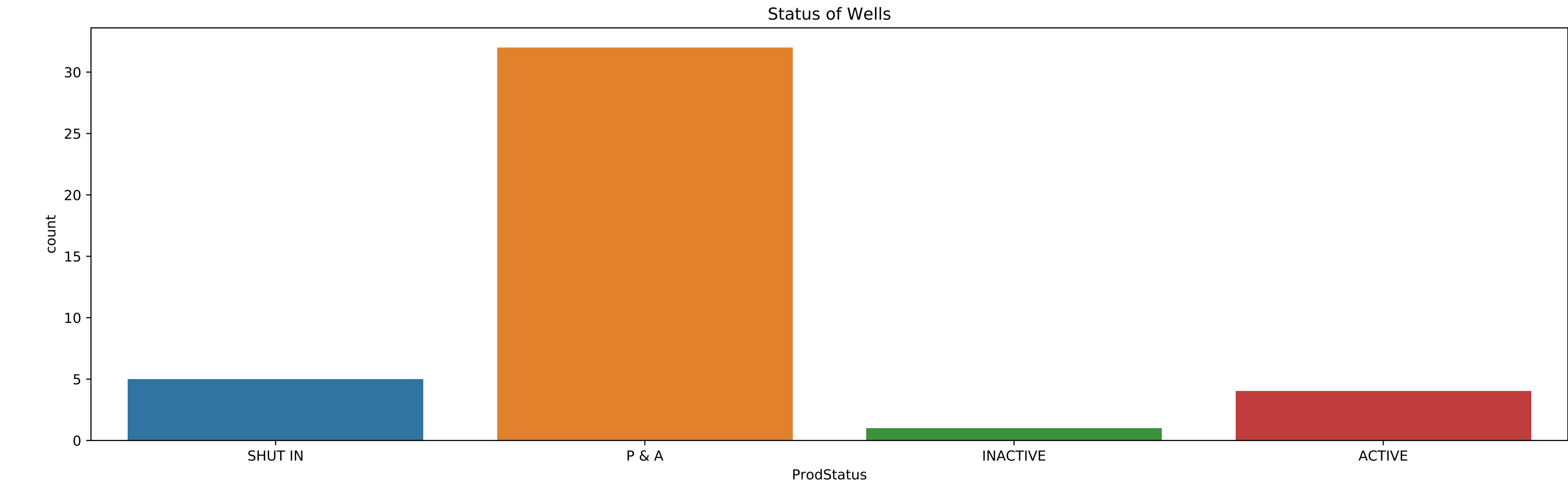
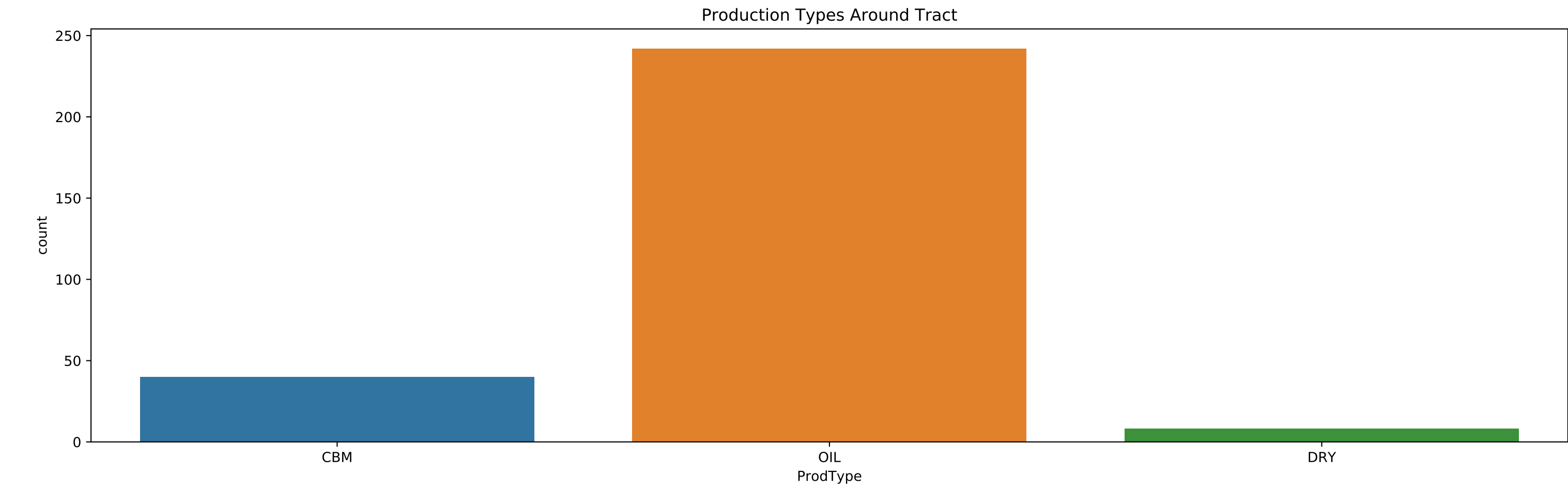
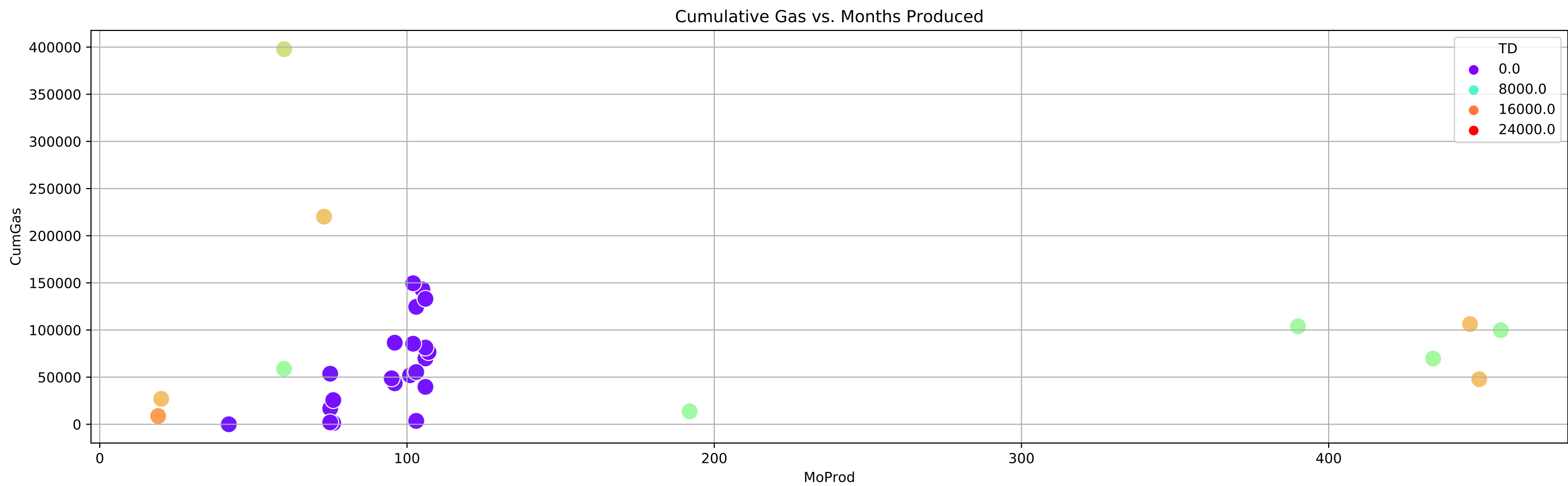
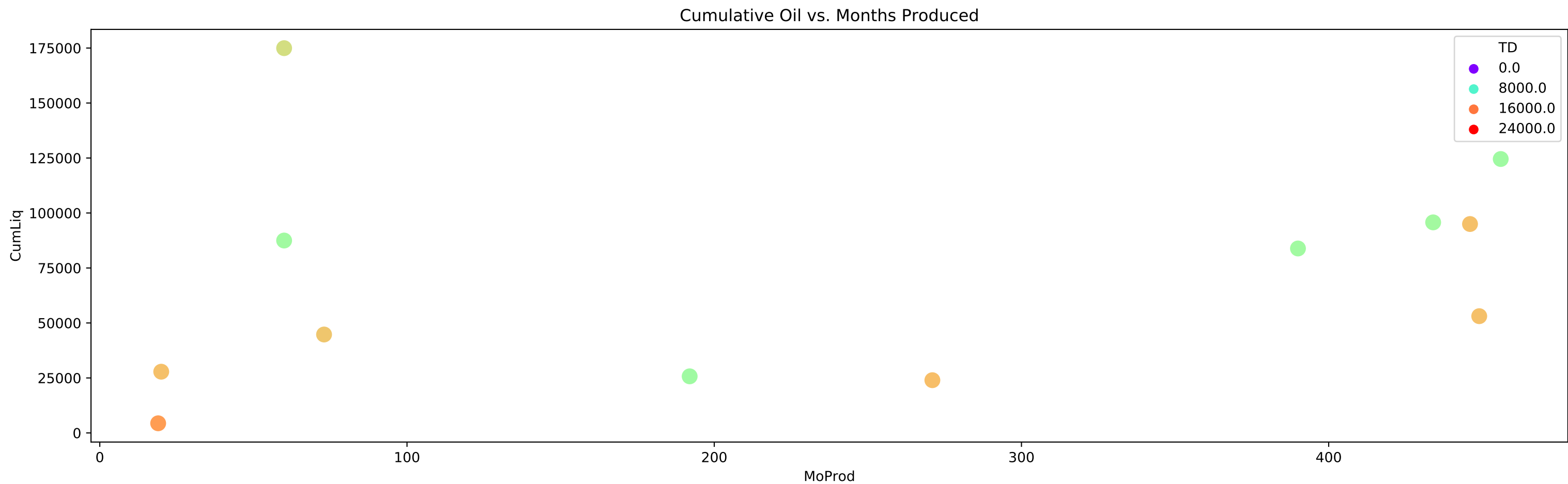




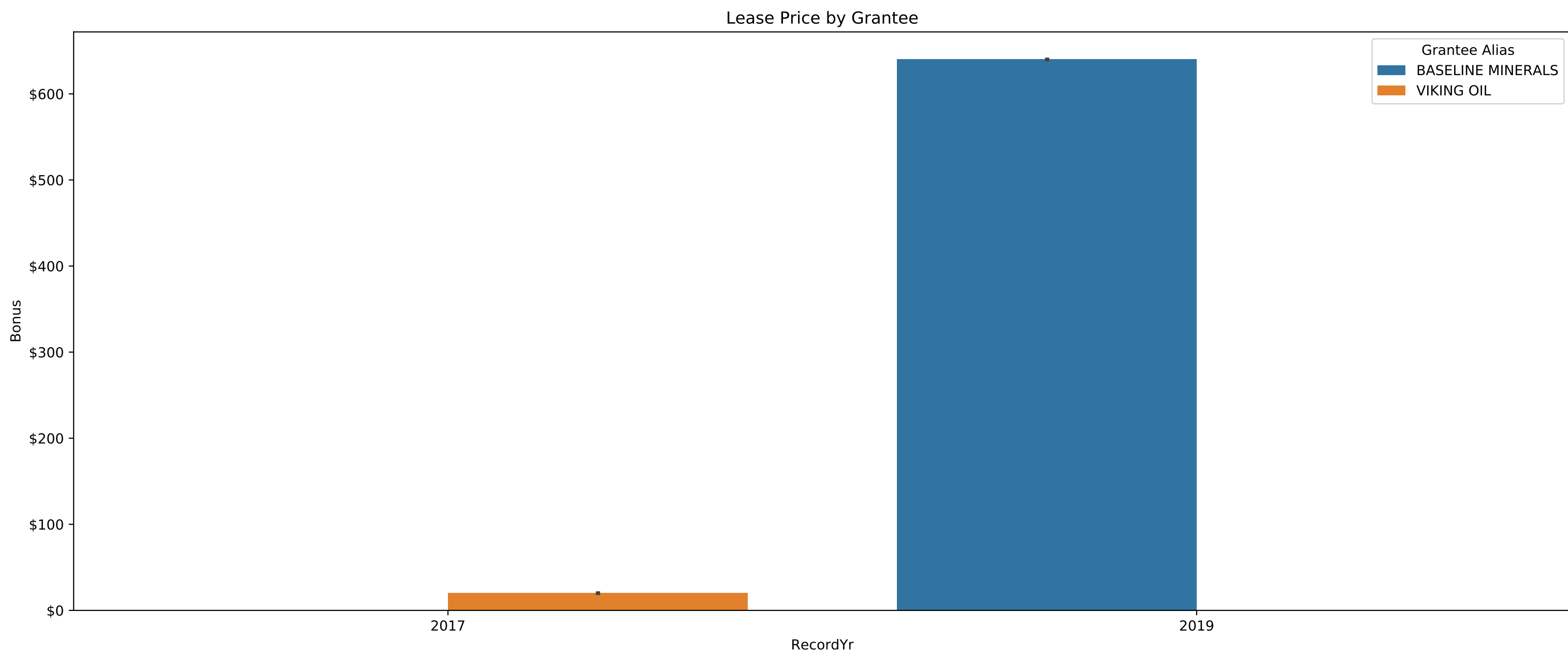
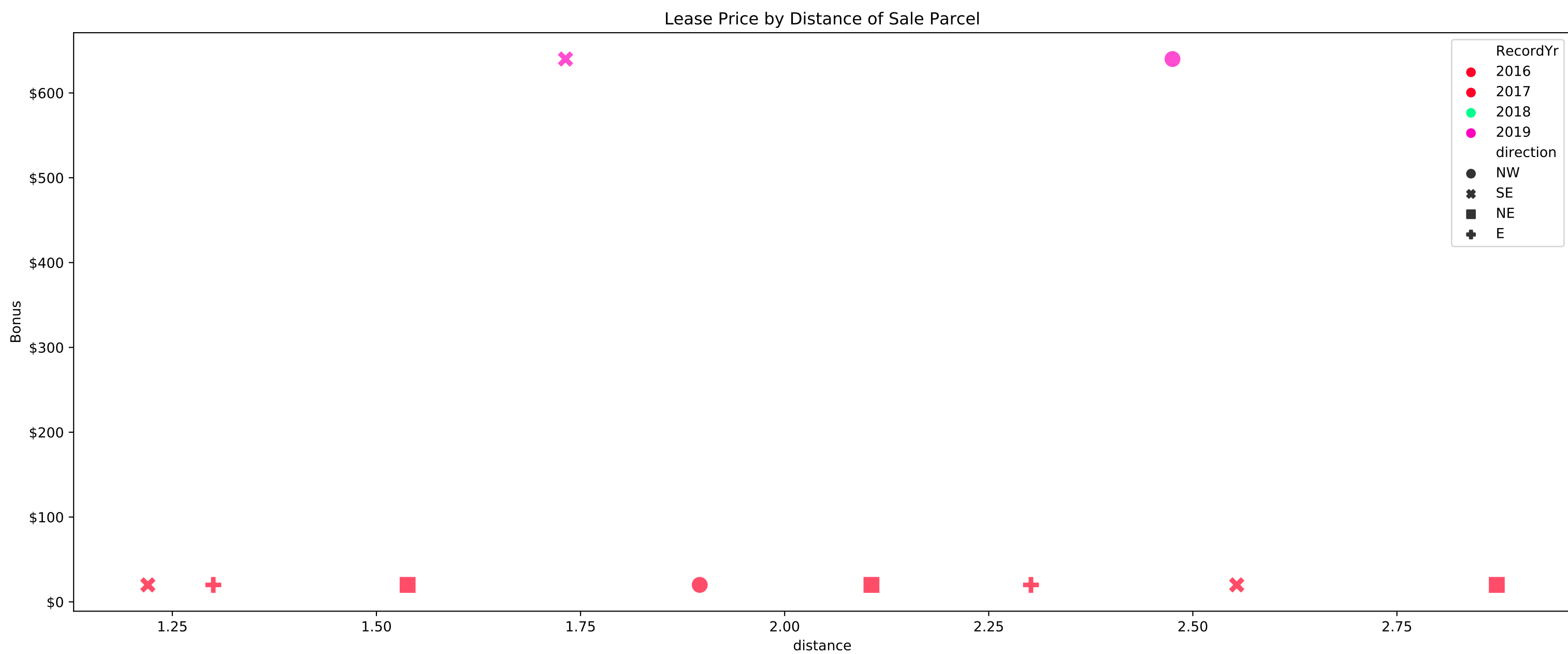
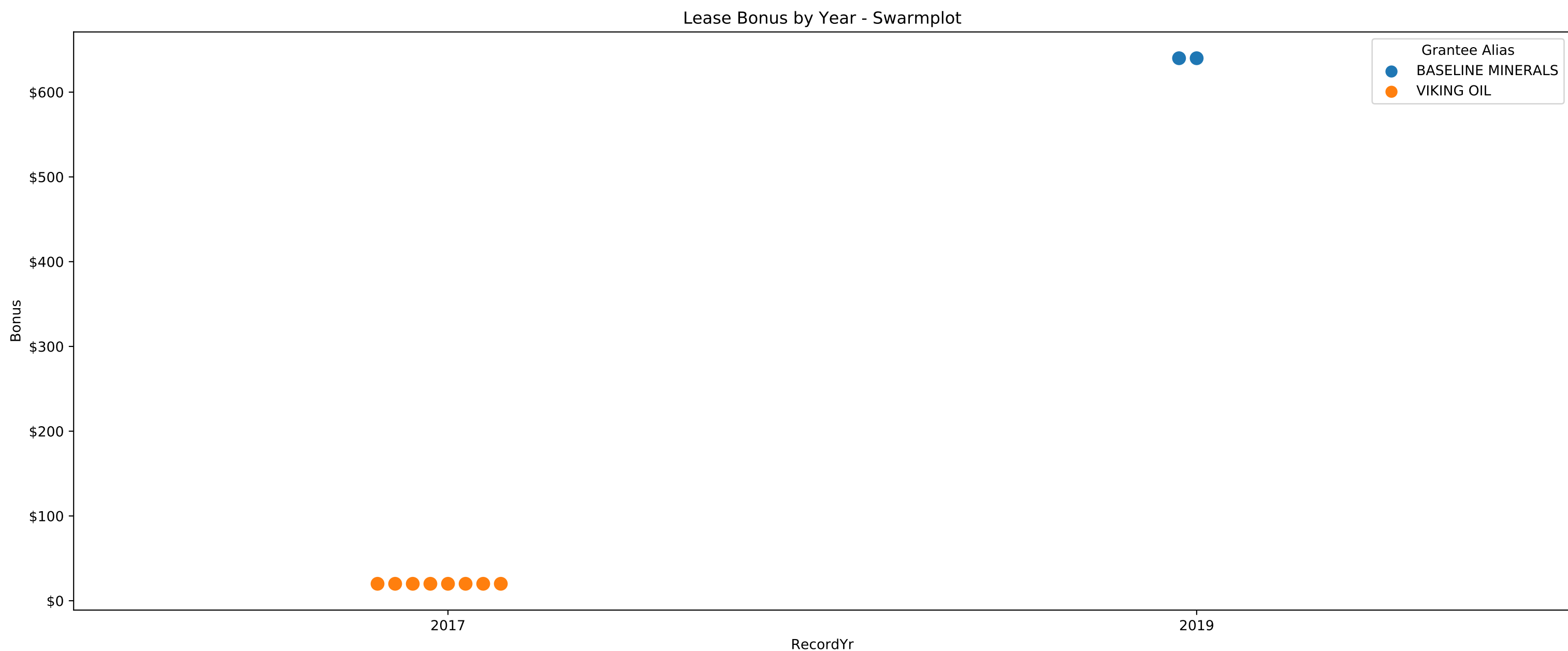
Lease Summary for tract 22  
Total Number of Leases: 4  
Average Price \$3630/acre in 2019



Old Production Outside of Tract 22 - 3 Mi Radius

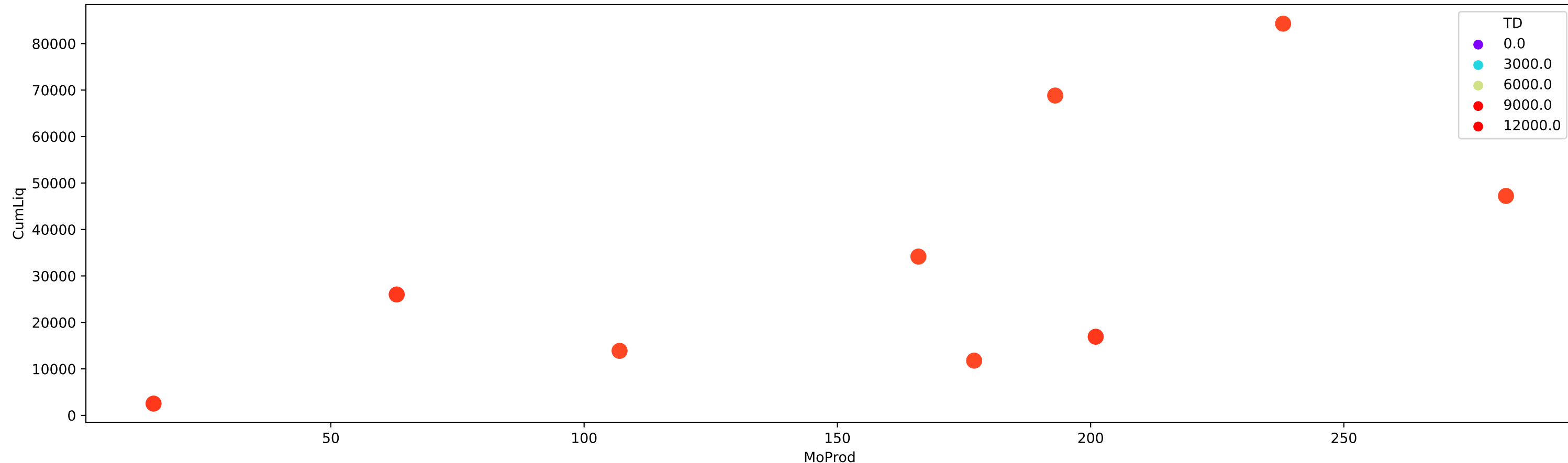


Lease Summary for tract 23  
Total Number of Leases: 10  
Average Price \$640/acre in 2019

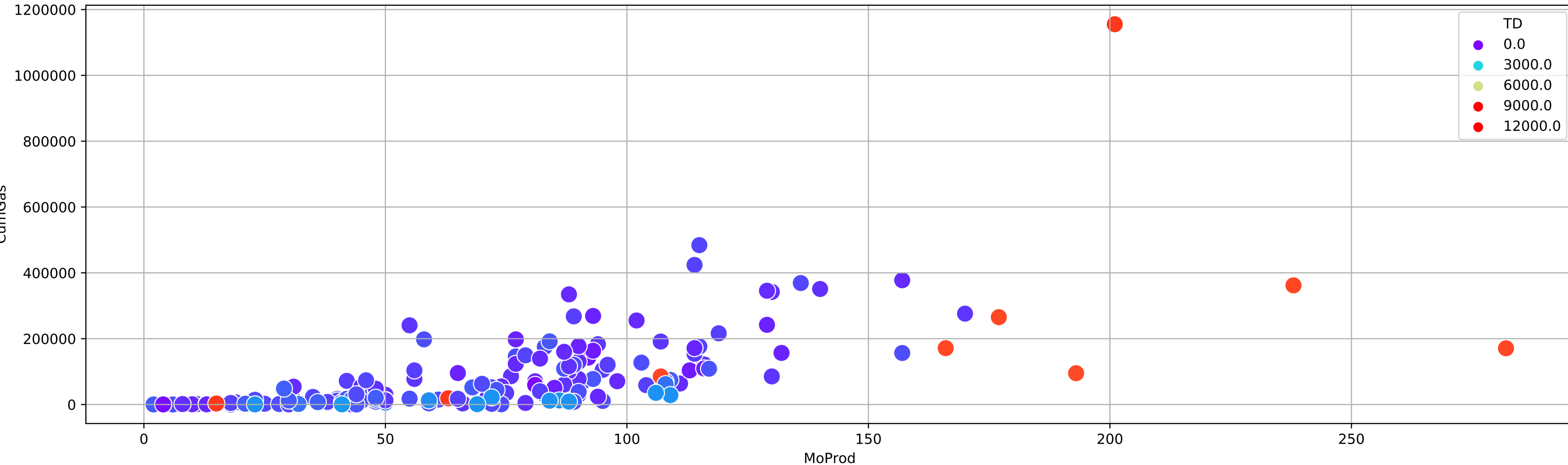


# Old Production Outside of Tract 23 - 3 Mi Radius

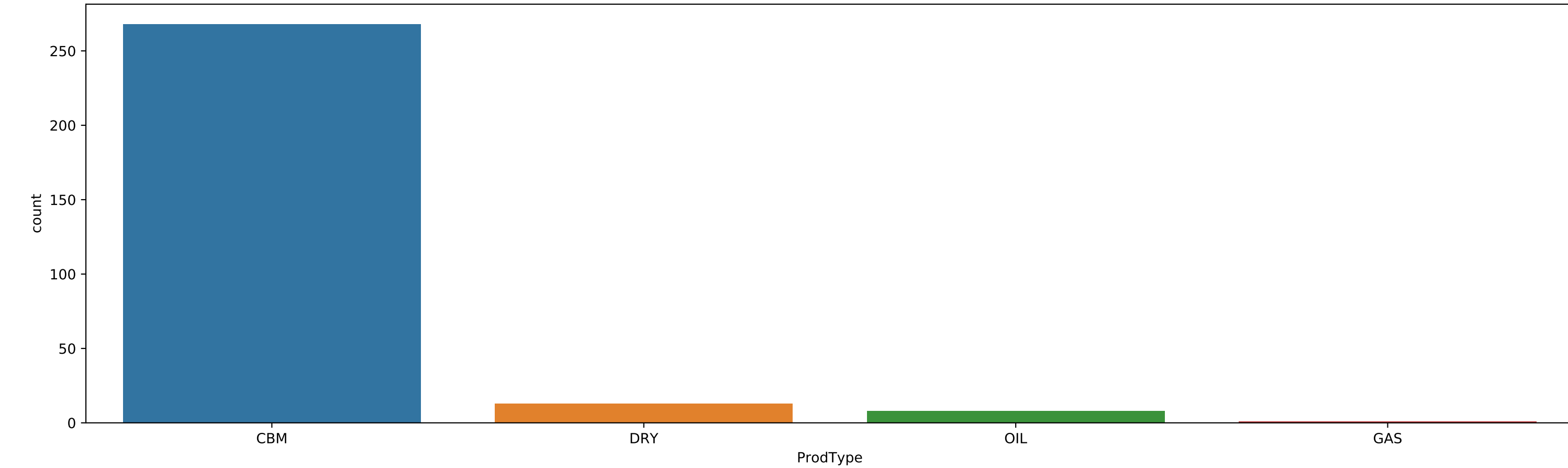
Cumulative Oil vs. Months Produced



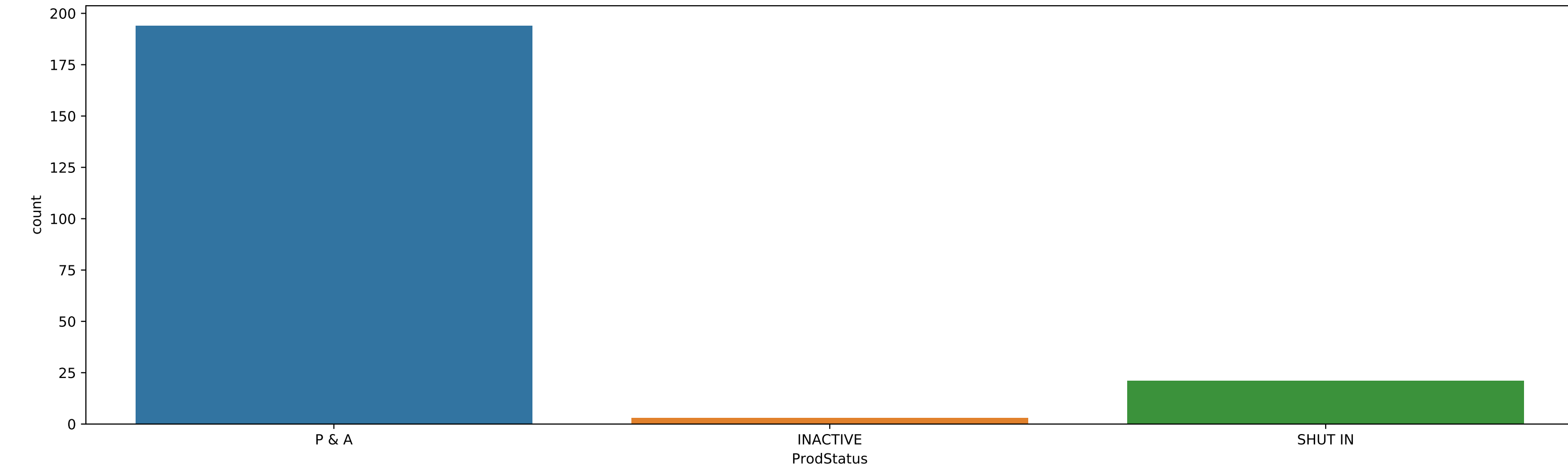
Cumulative Gas vs. Months Produced



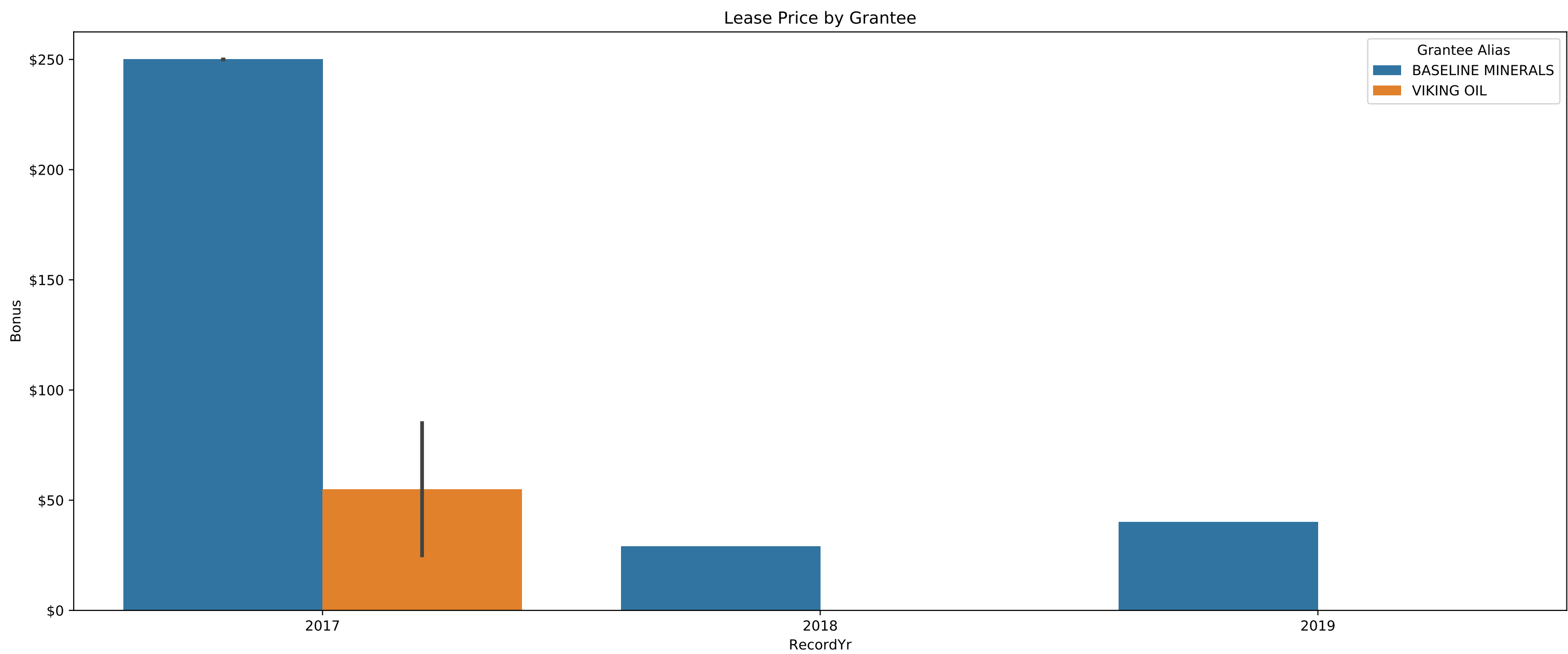
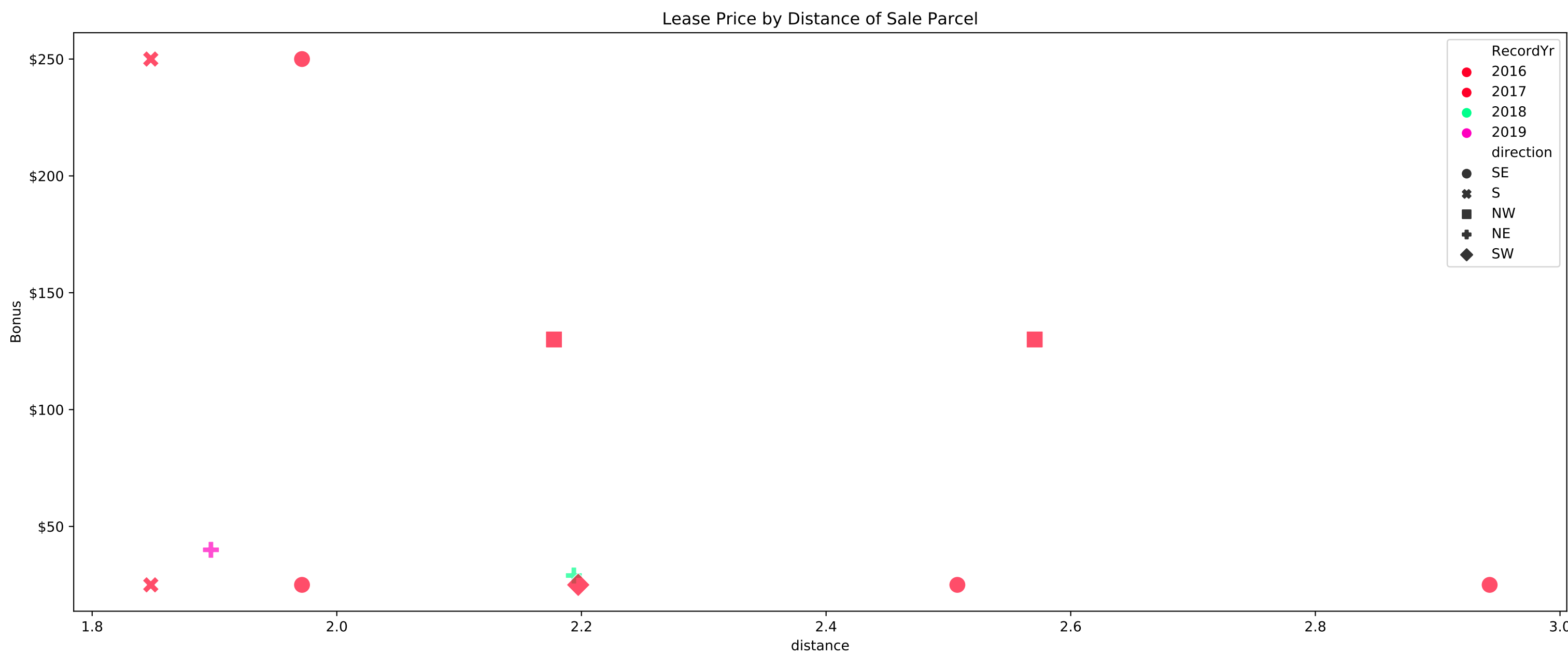
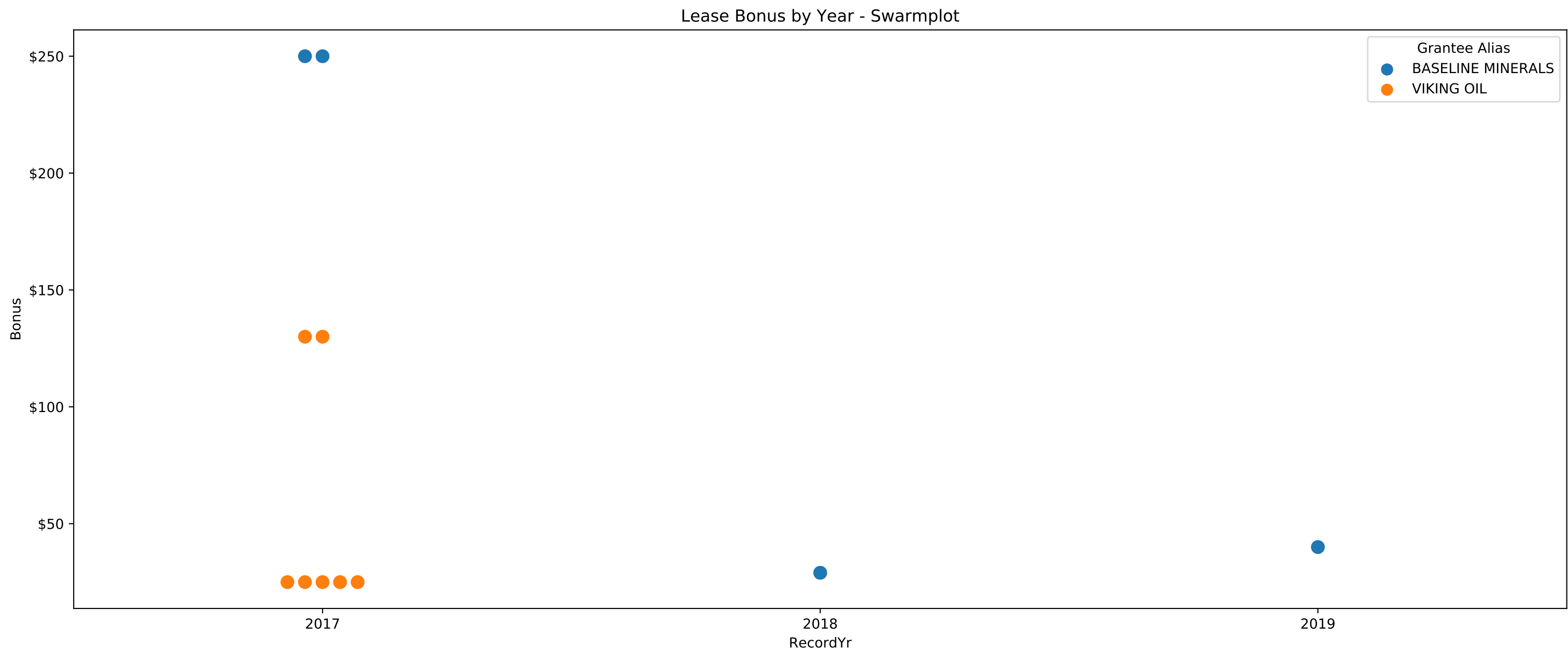
Production Types Around Tract



Status of Wells

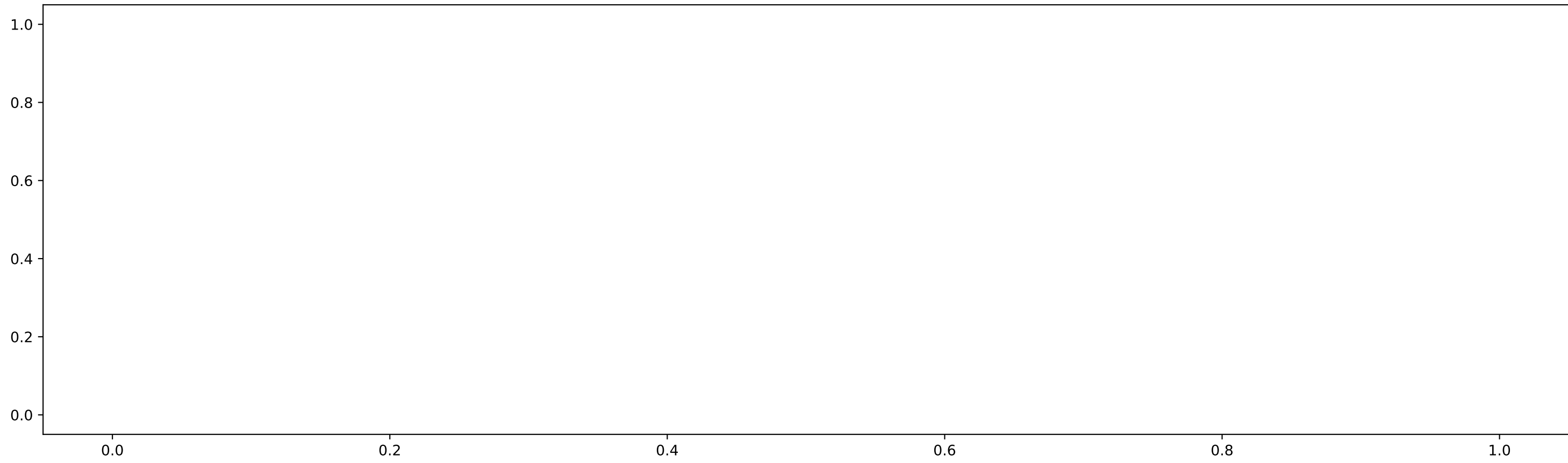


Lease Summary for tract 24  
Total Number of Leases: 11  
Average Price \$40/acre in 2019

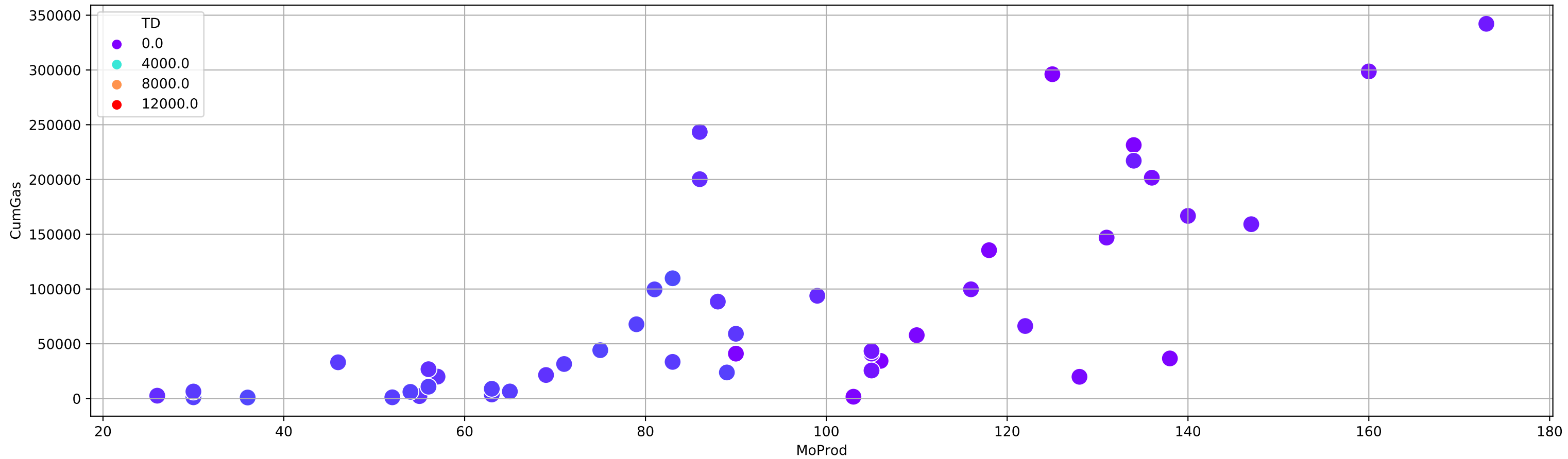


# Old Production Outside of Tract 24 - 3 Mi Radius

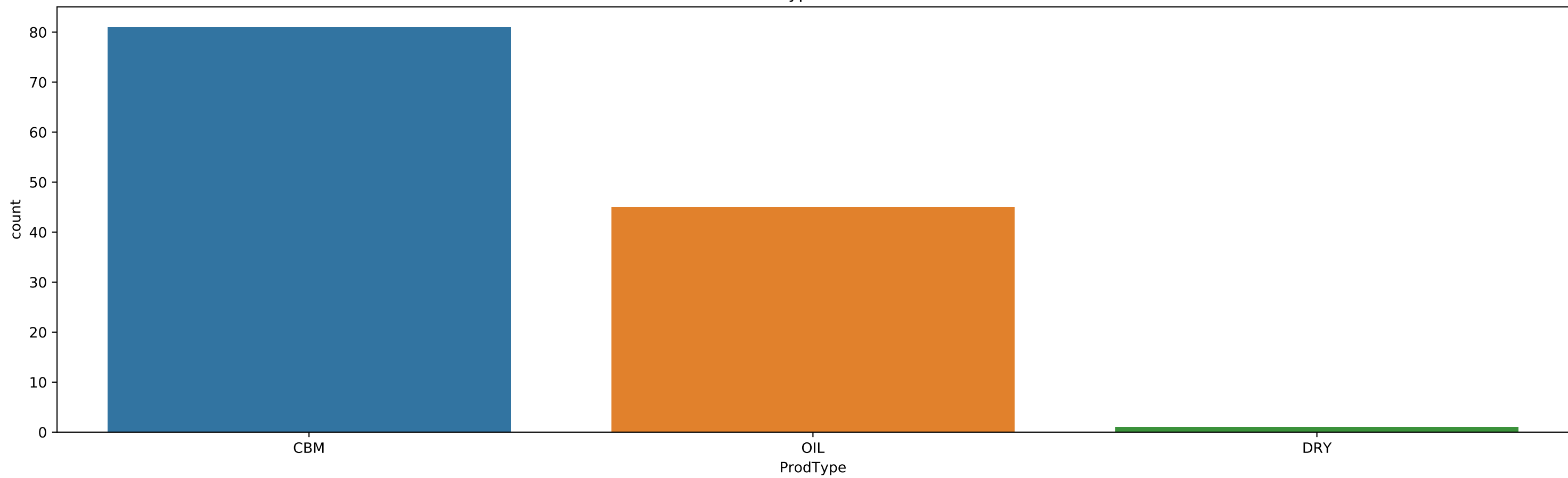
Cumulative Oil vs. Months Produced



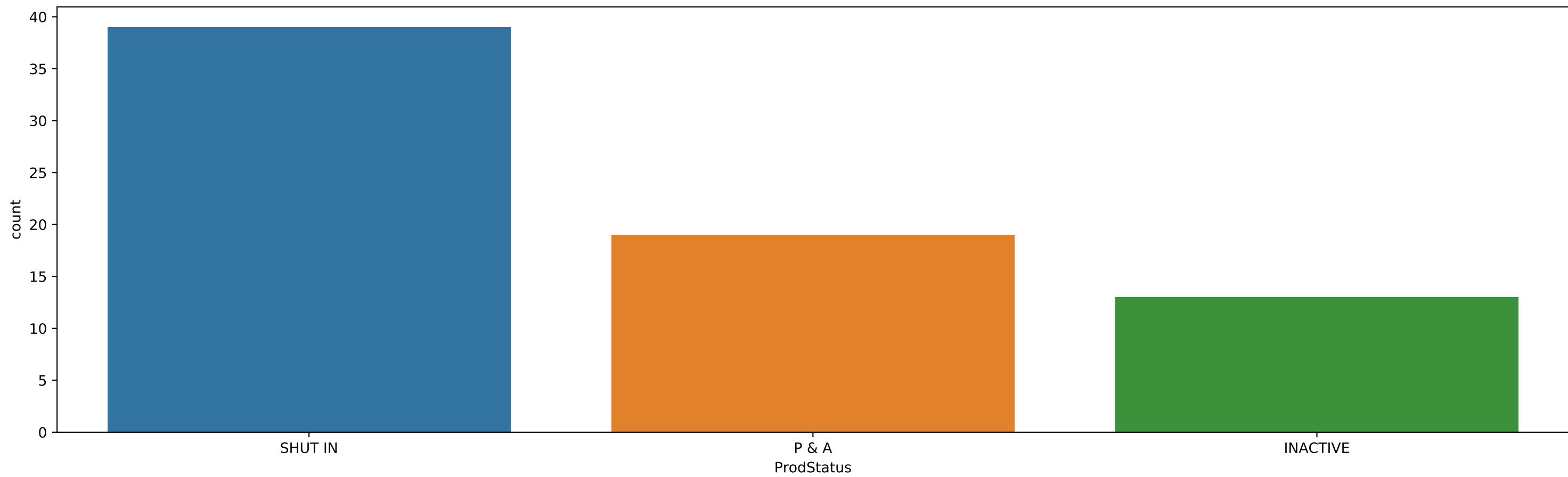
Cumulative Gas vs. Months Produced



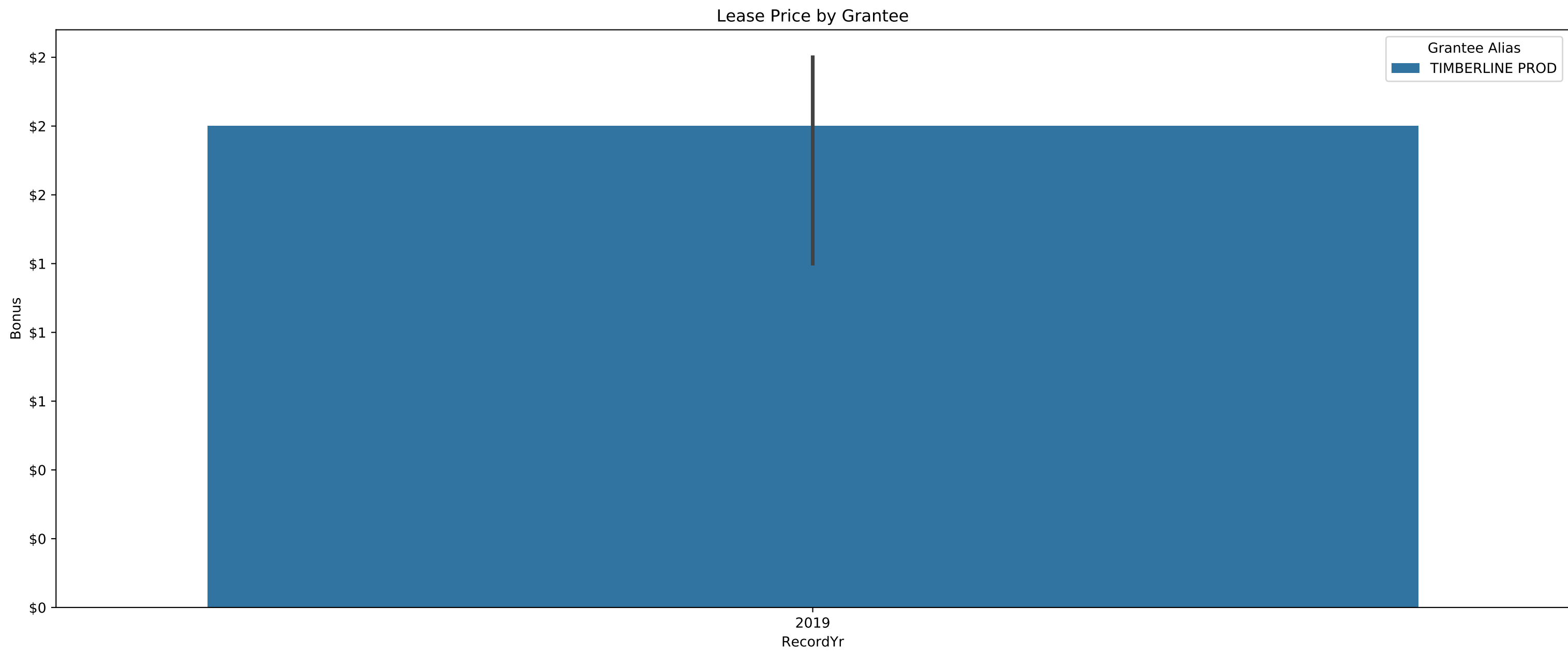
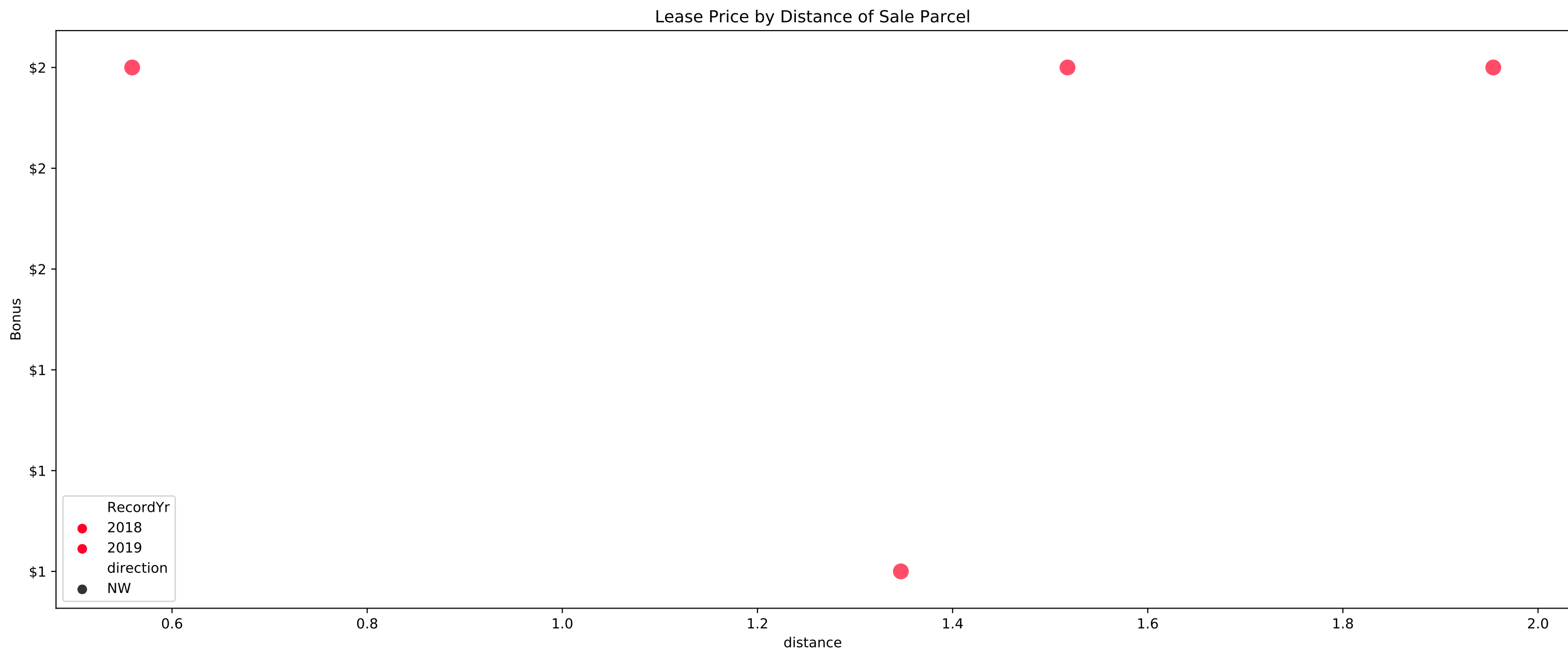
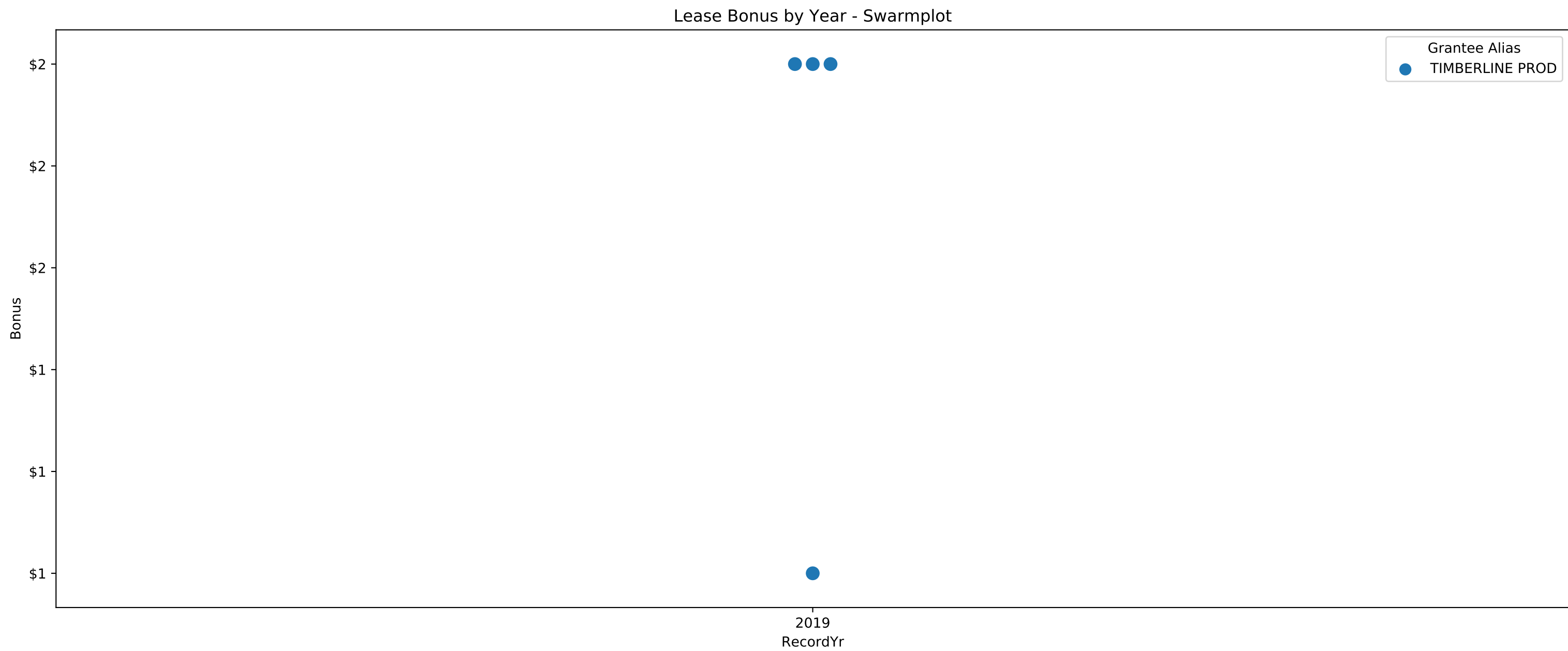
Production Types Around Tract



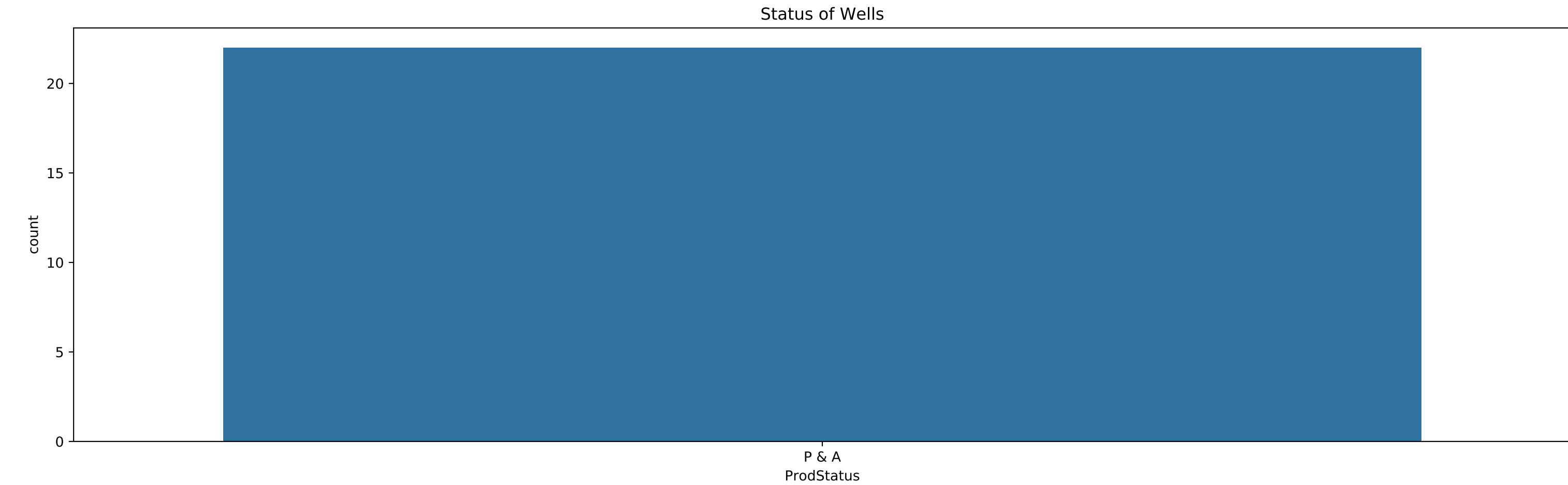
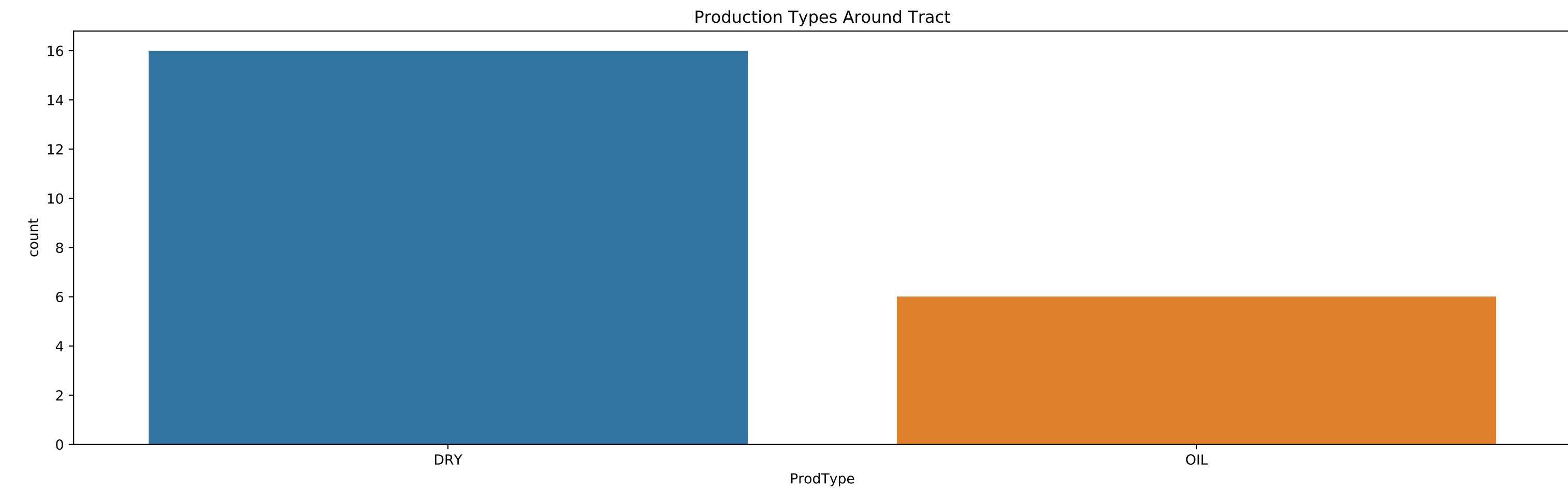
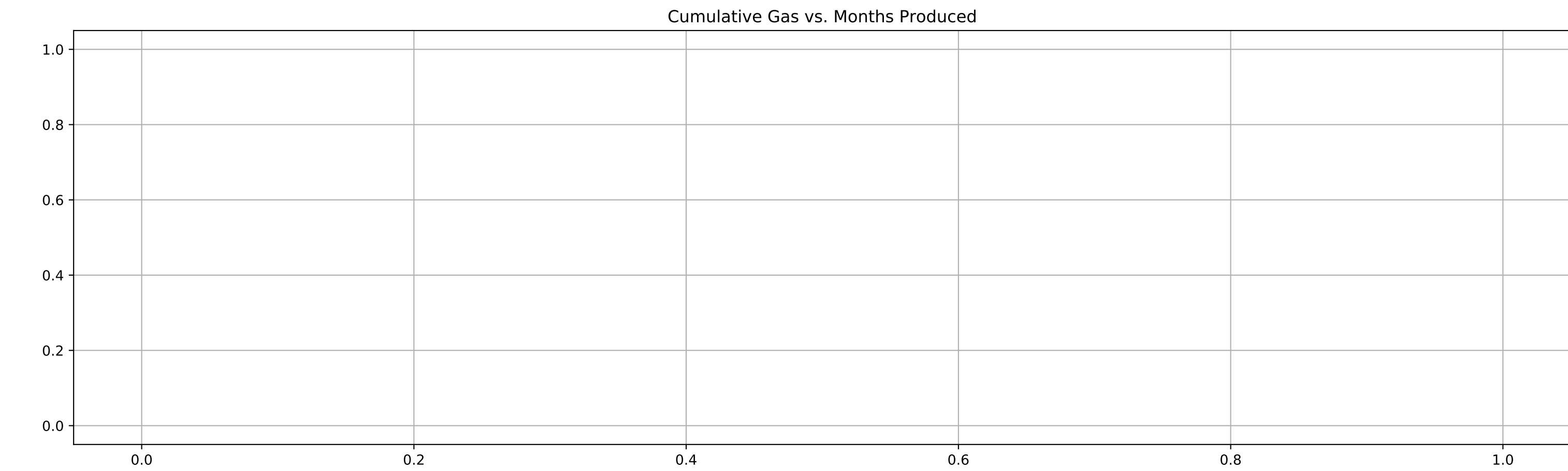
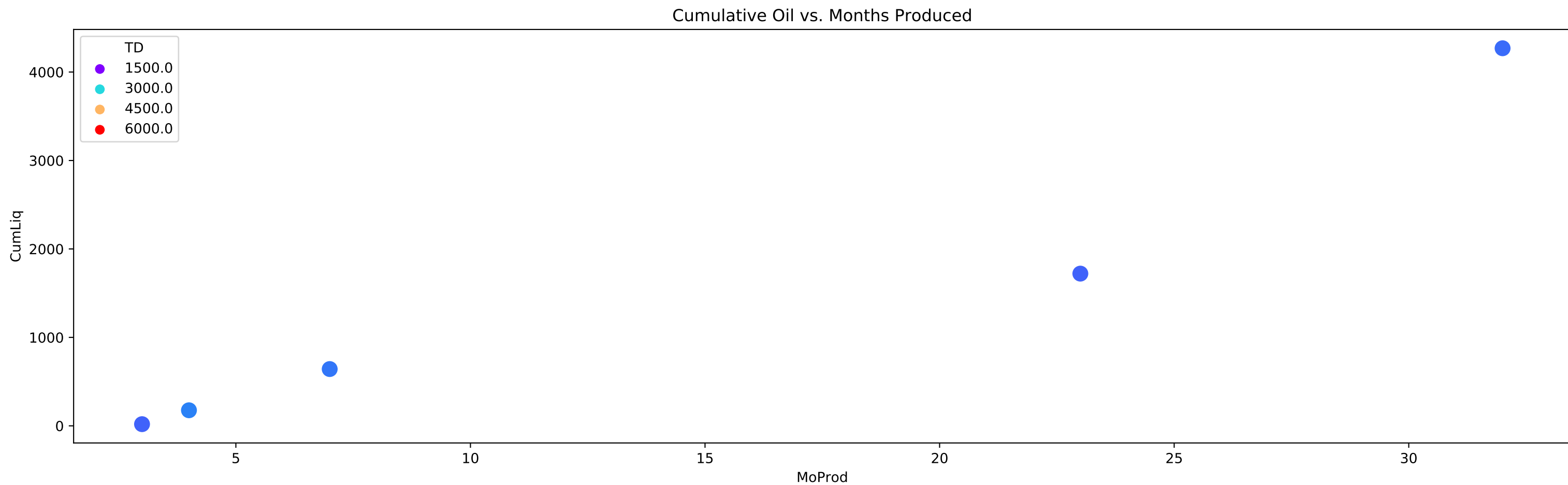
Status of Wells



Lease Summary for tract 25  
Total Number of Leases: 4  
Average Price \$2/acre in 2019

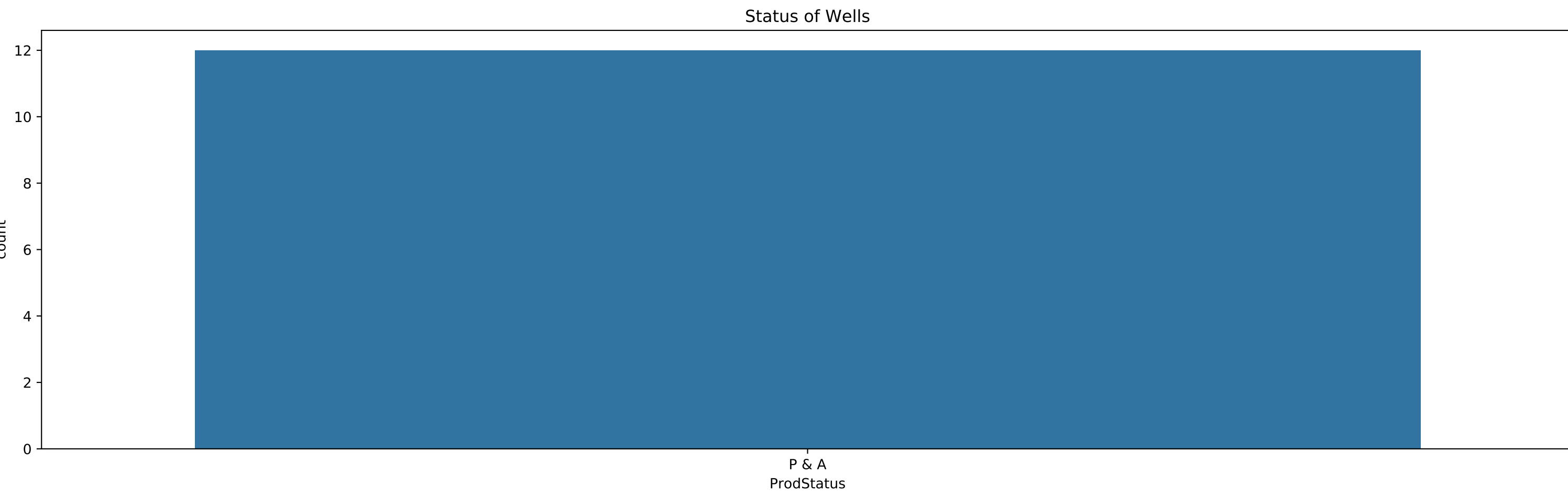
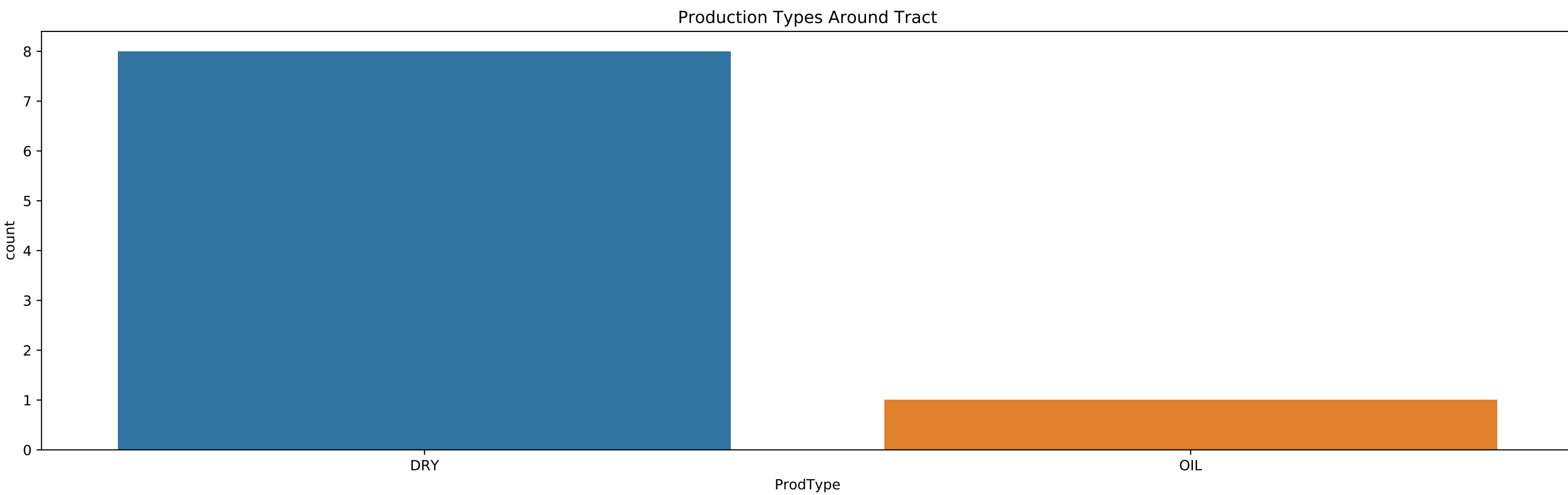
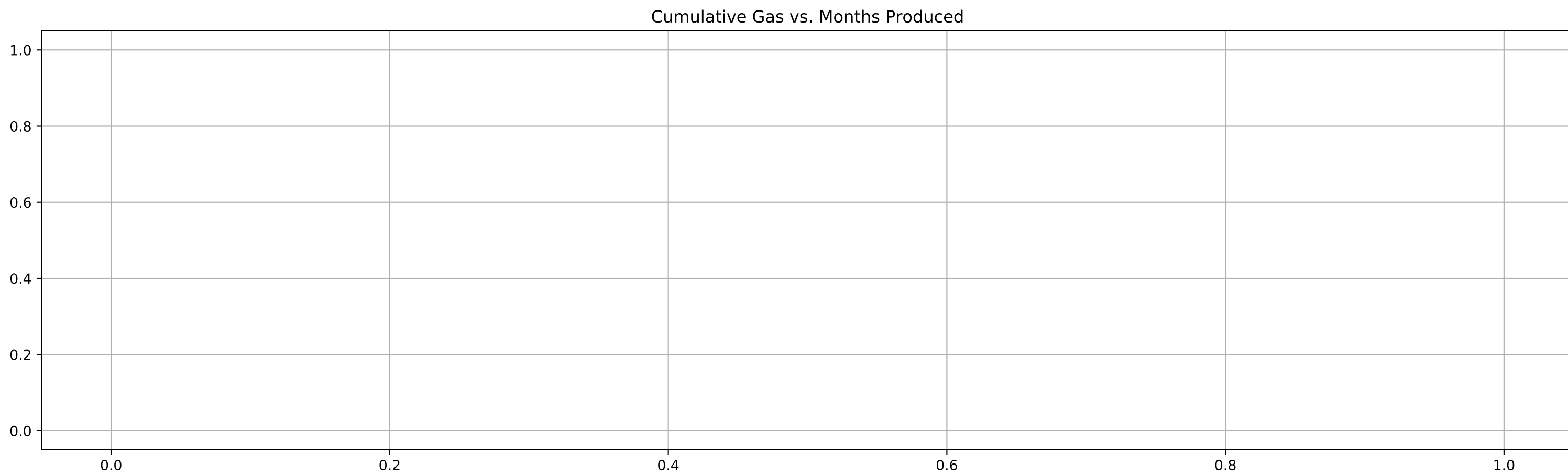
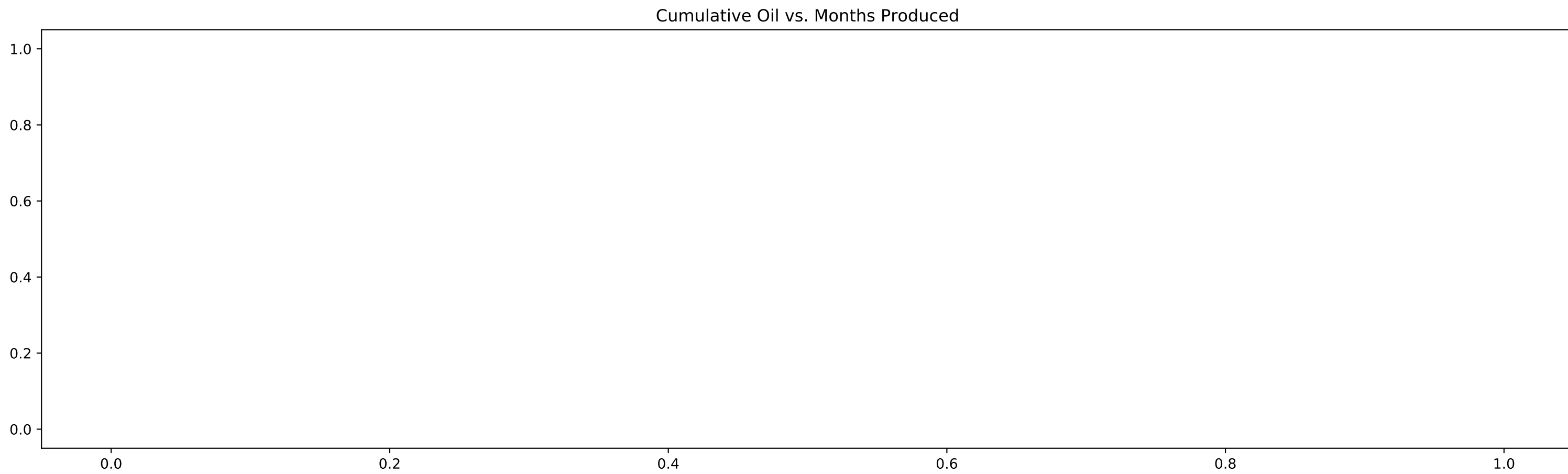


# Old Production Outside of Tract 25 - 3 Mi Radius

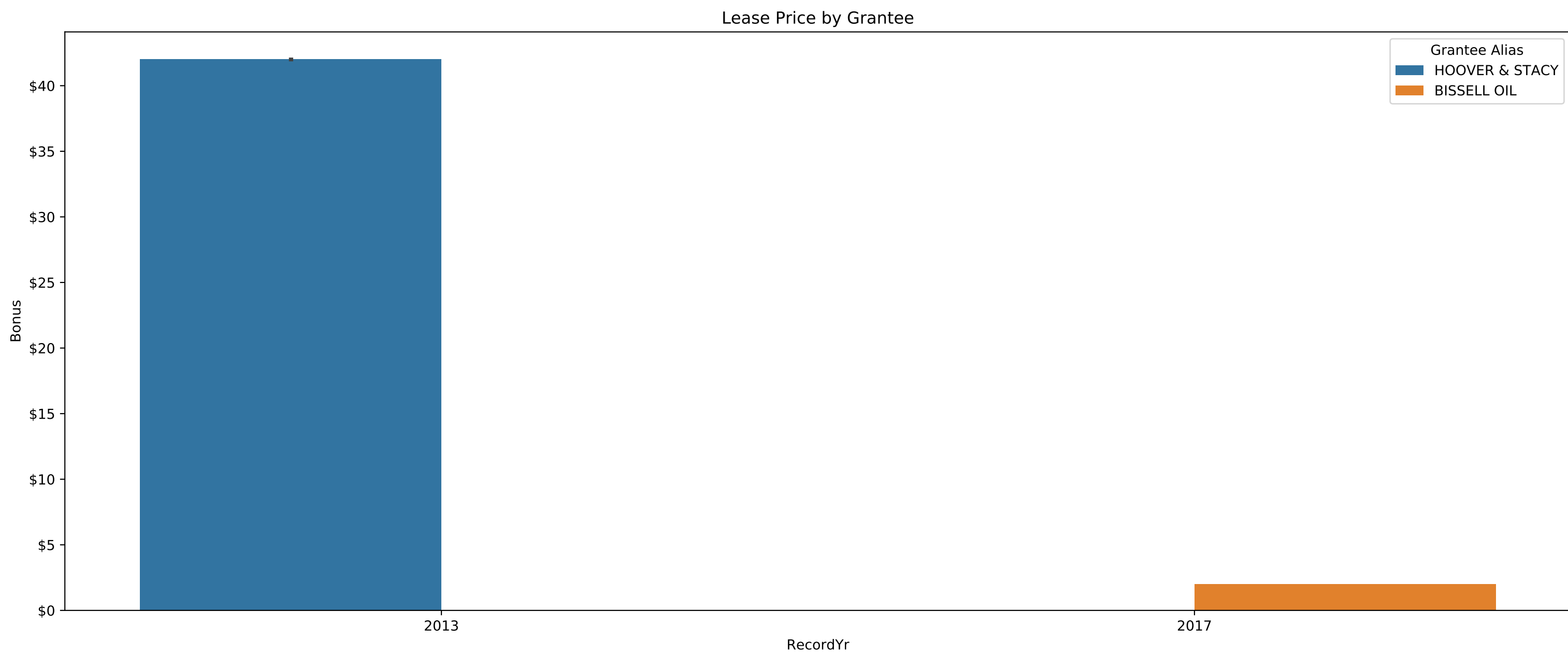
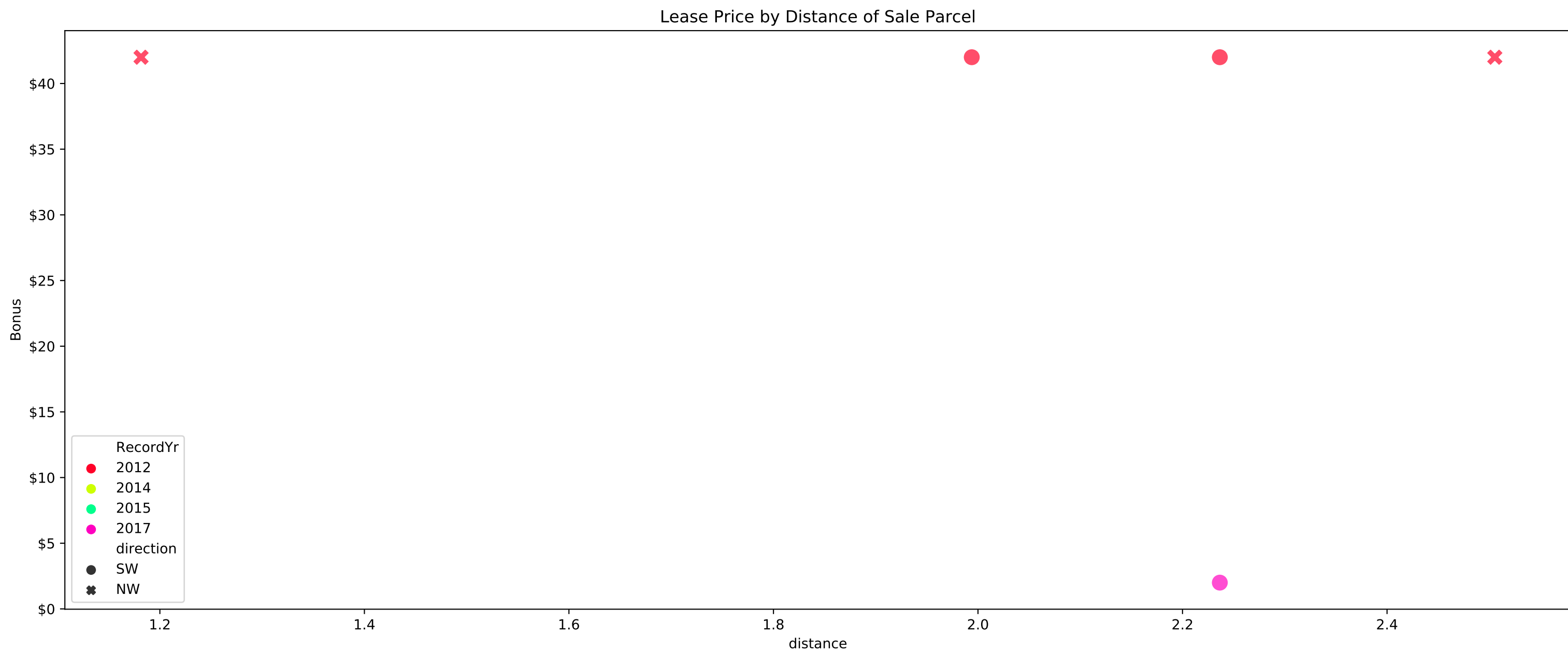
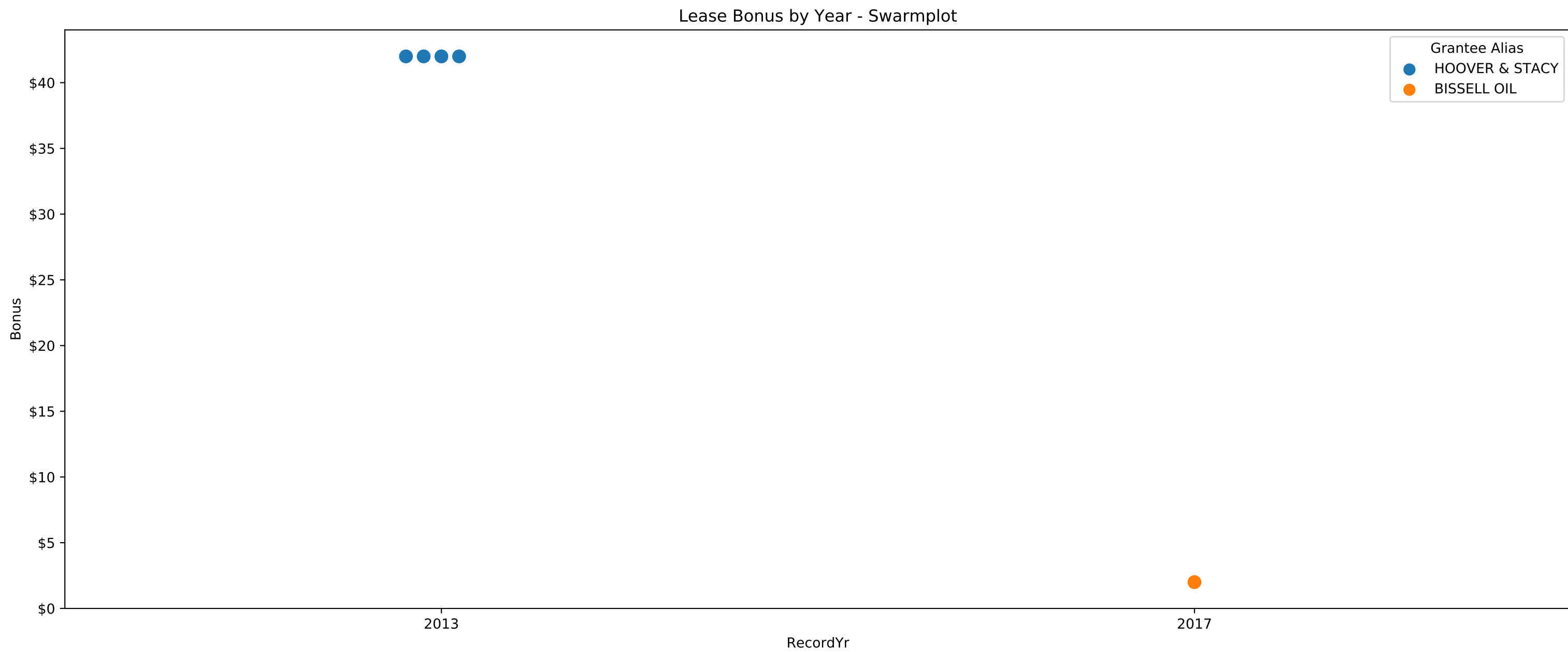




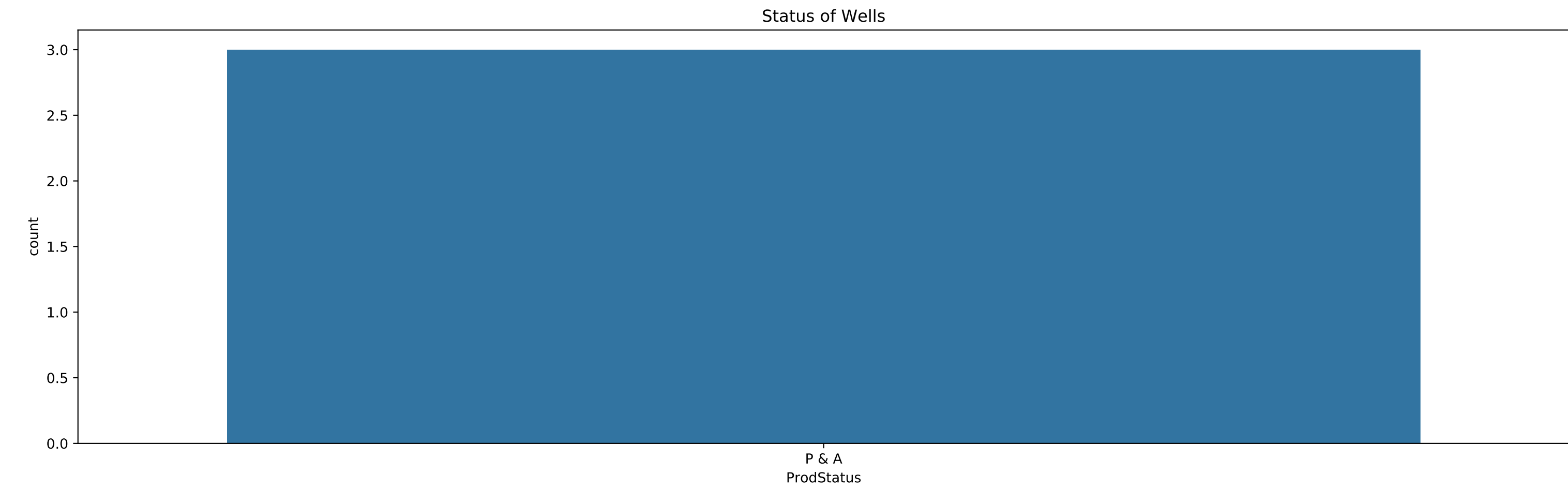
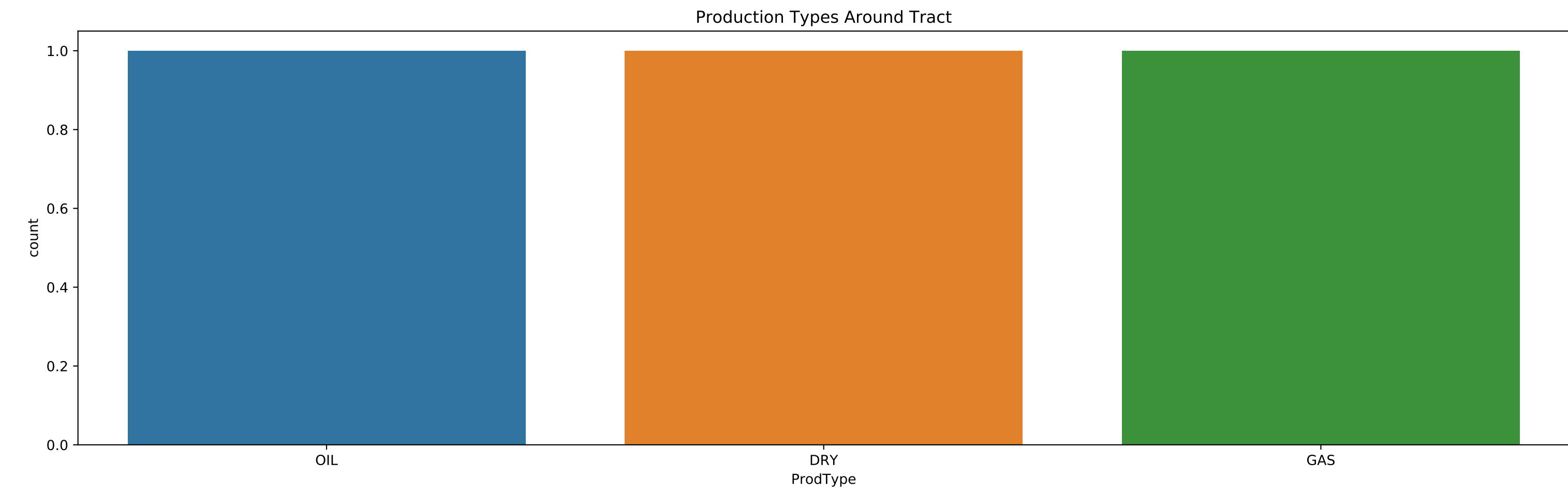
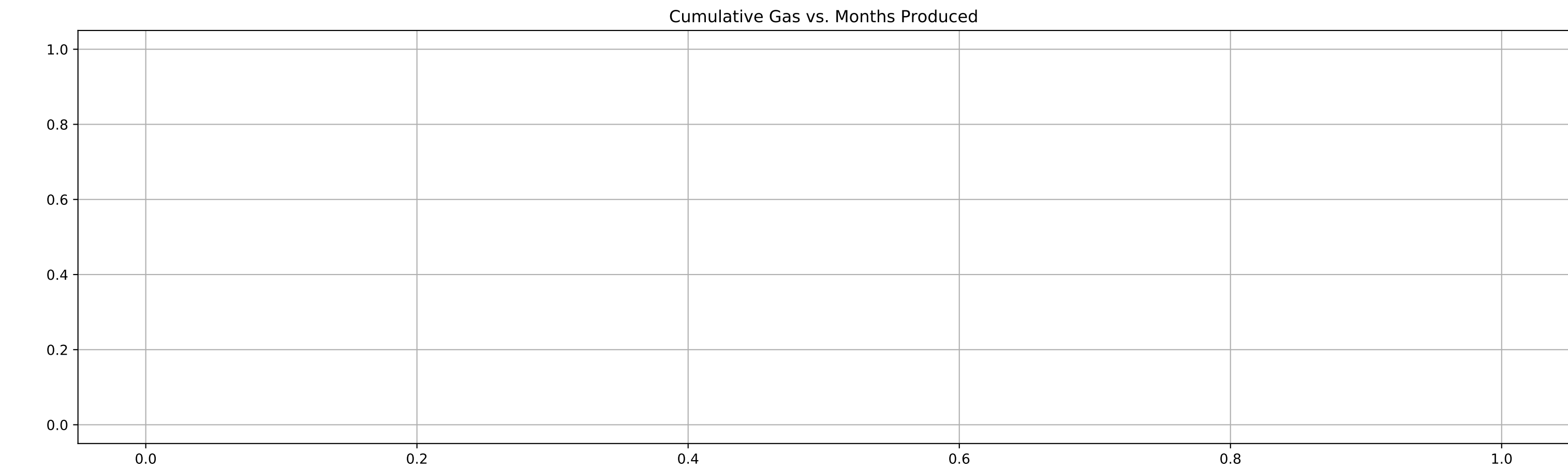
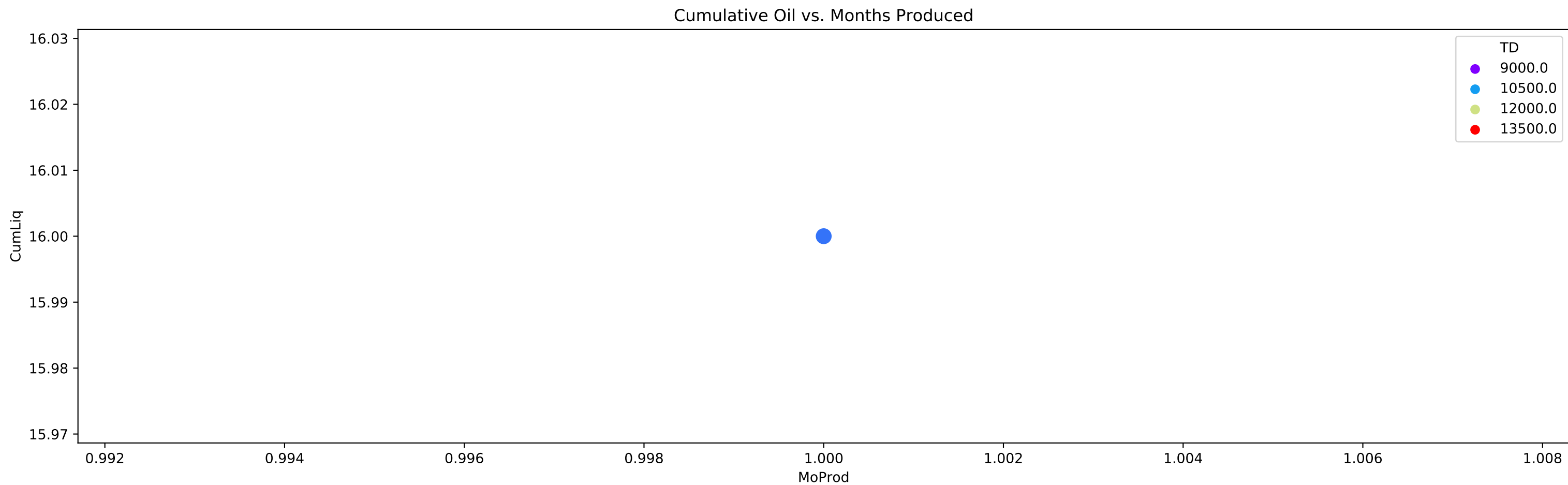
# Old Production Outside of Tract 93 - 3 Mi Radius



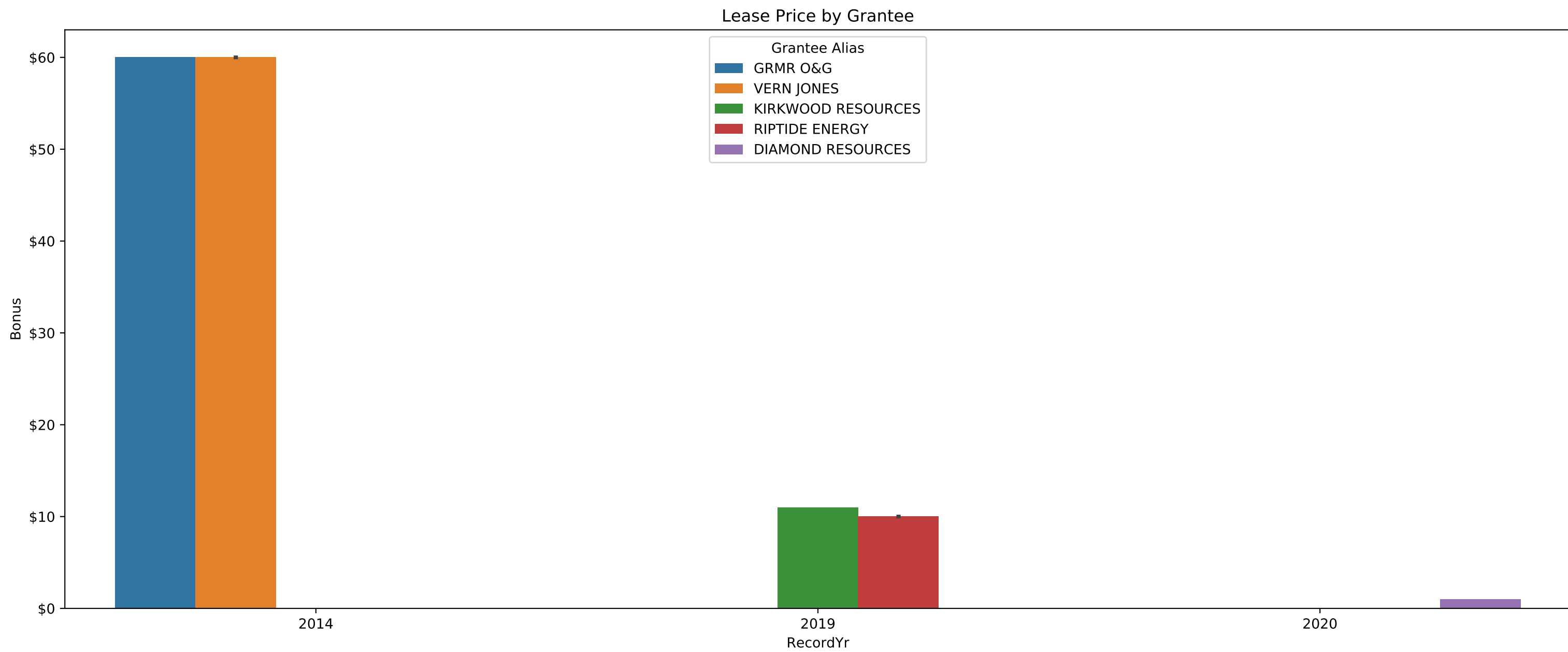
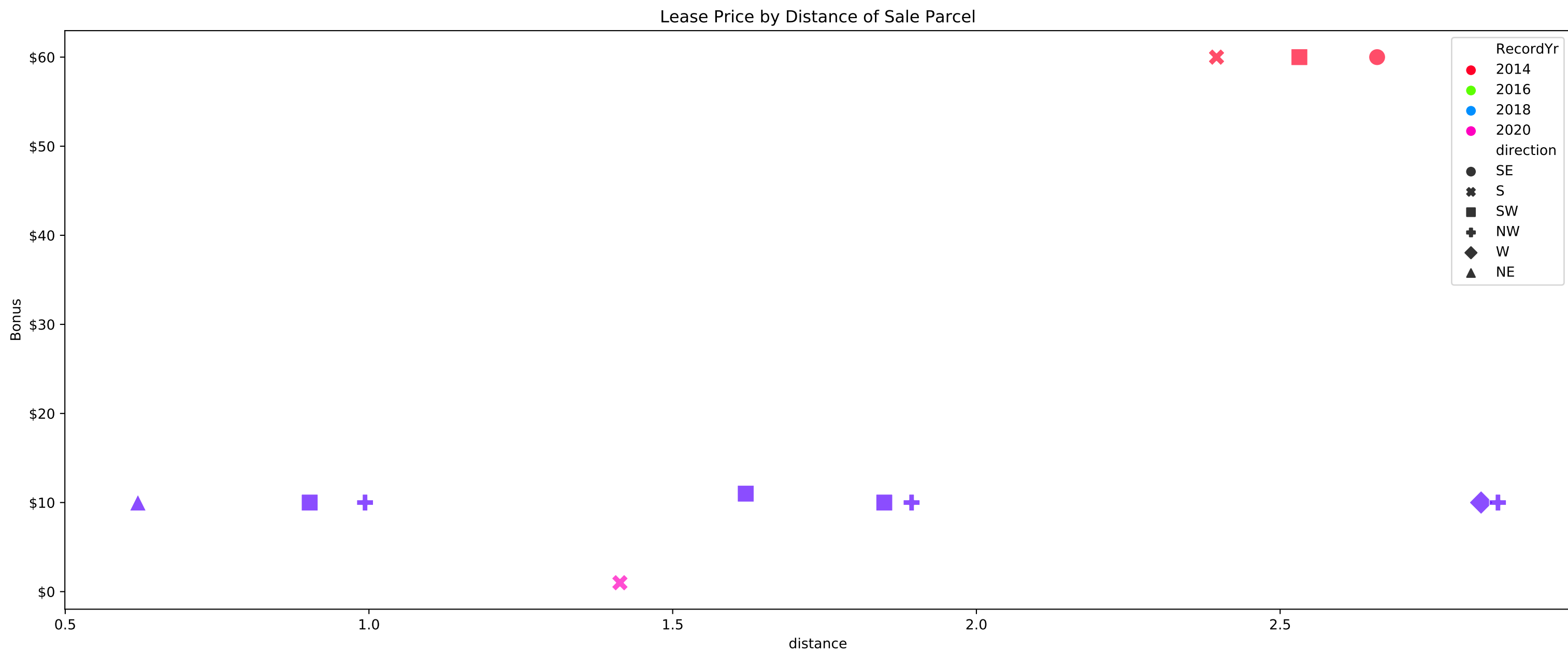
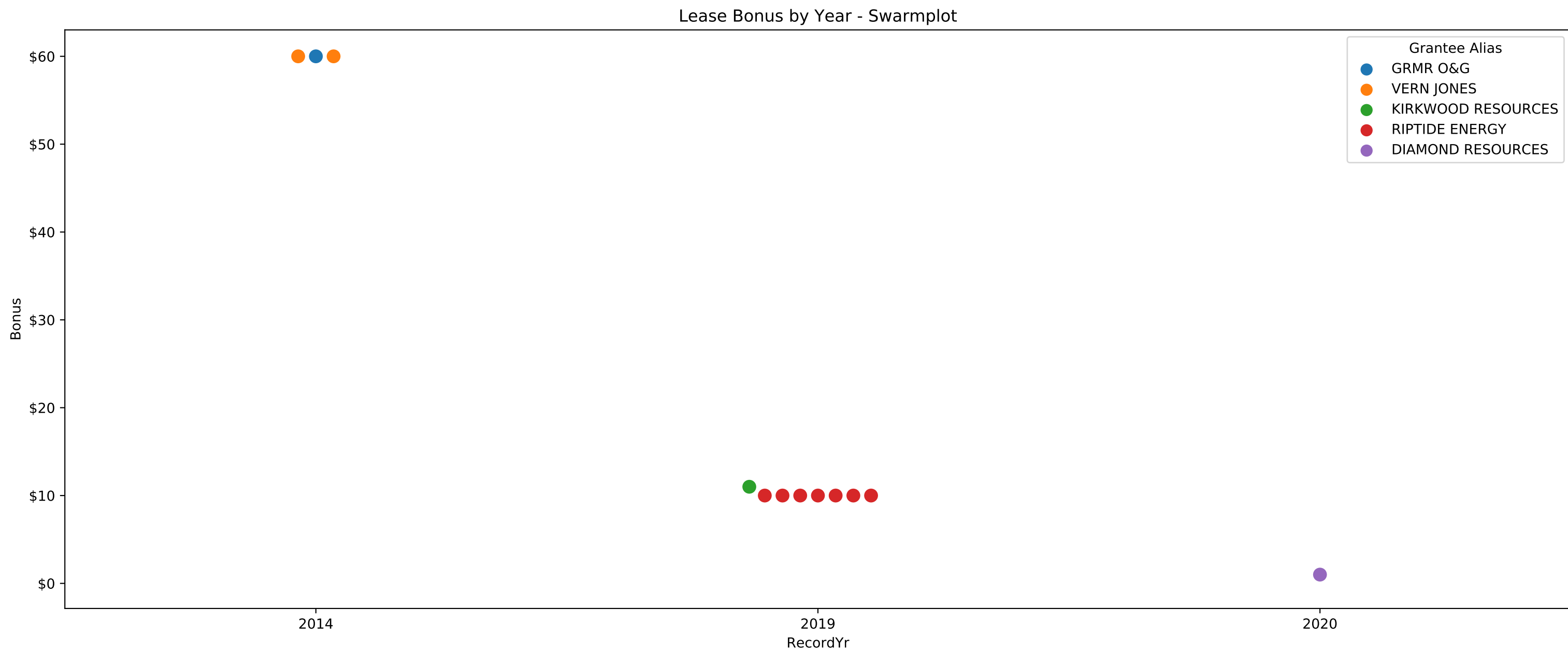
Lease Summary for tract 27  
Total Number of Leases: 5  
Average Price \$2/acre in 2017



# Old Production Outside of Tract 27 - 3 Mi Radius

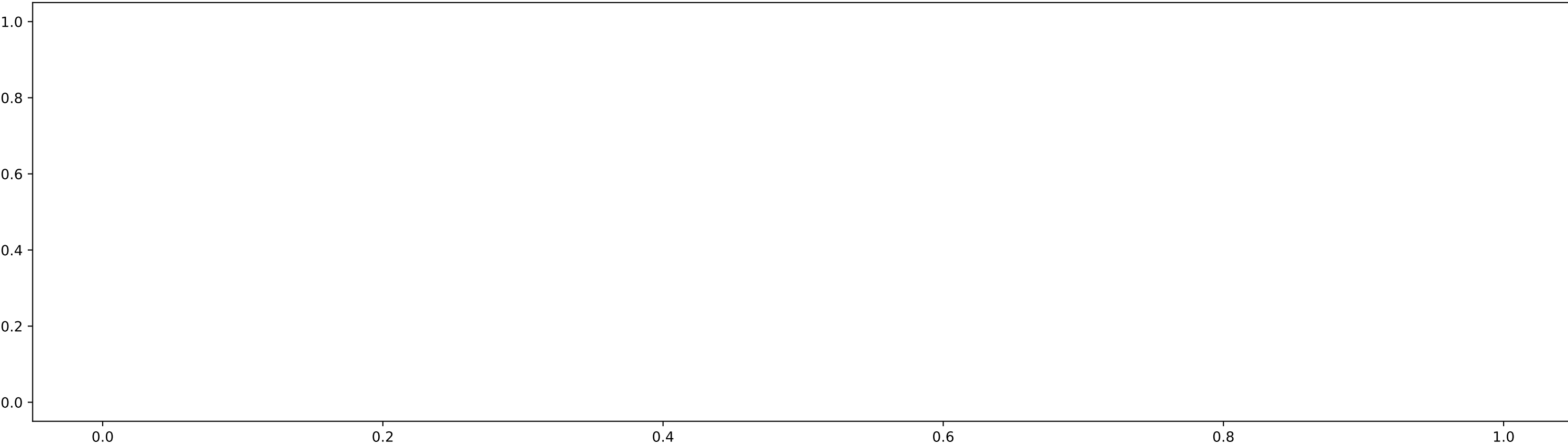


Lease Summary for tract 94  
Total Number of Leases: 12  
Average Price \$1/acre in 2020

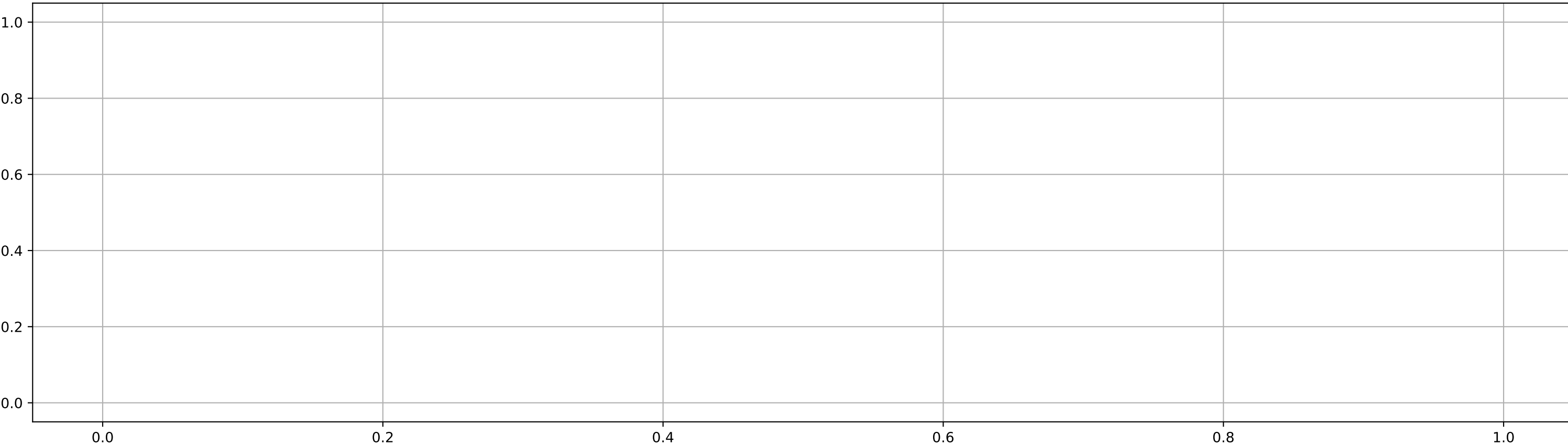


# Old Production Outside of Tract 94 - 3 Mi Radius

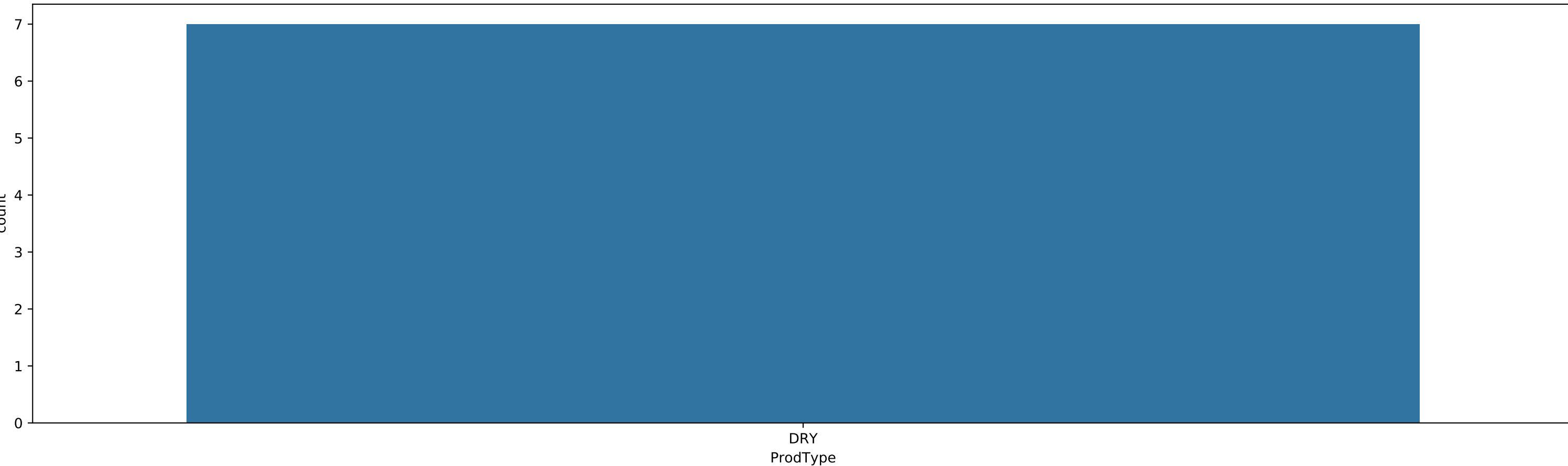
Cumulative Oil vs. Months Produced



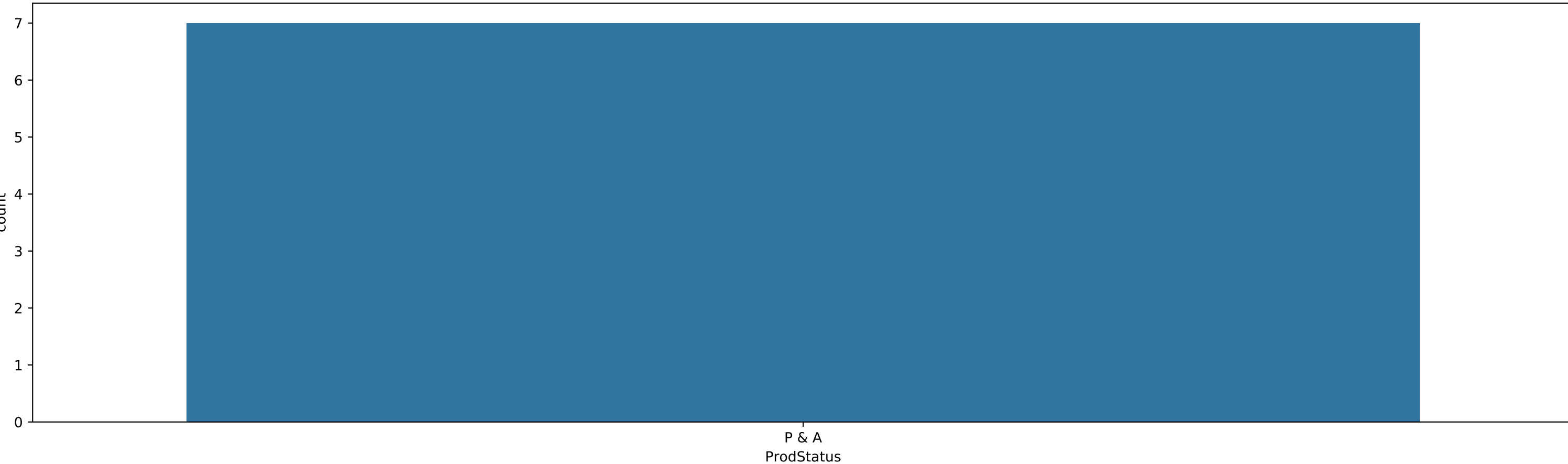
Cumulative Gas vs. Months Produced



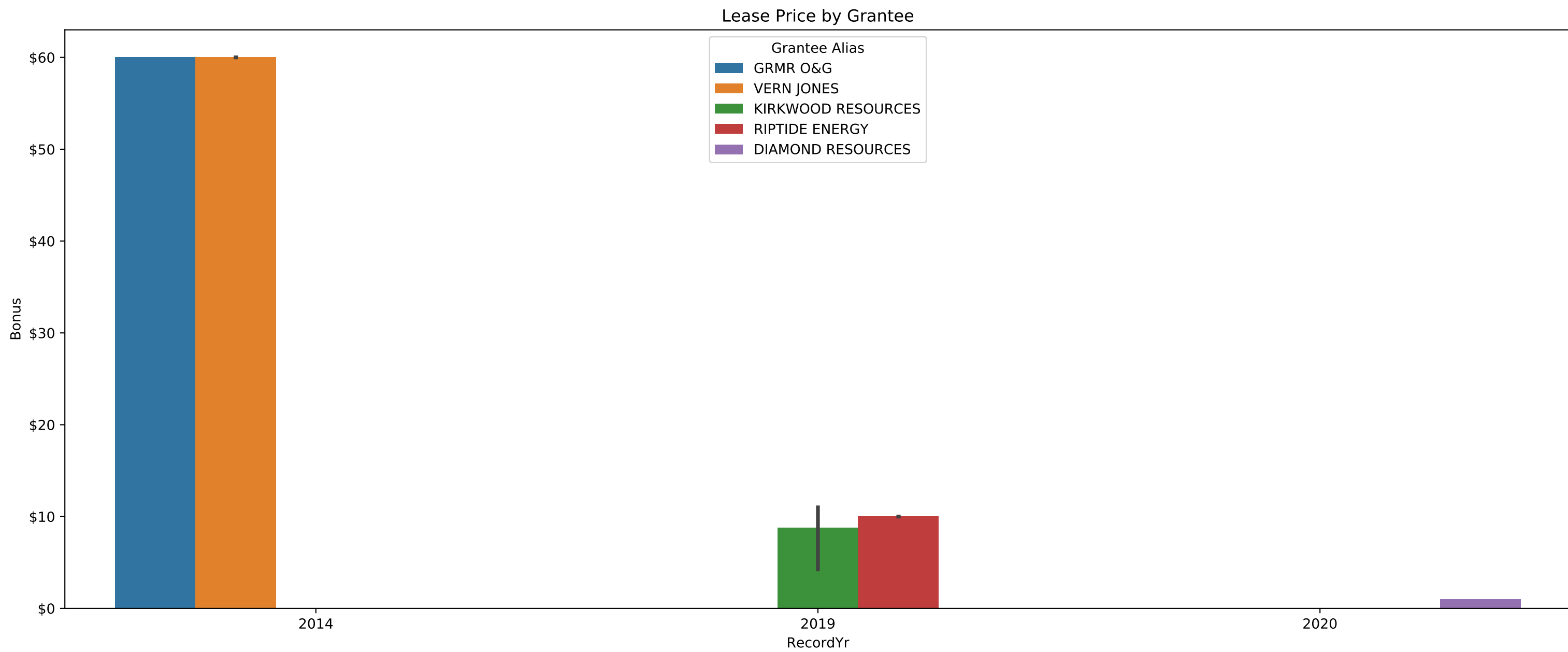
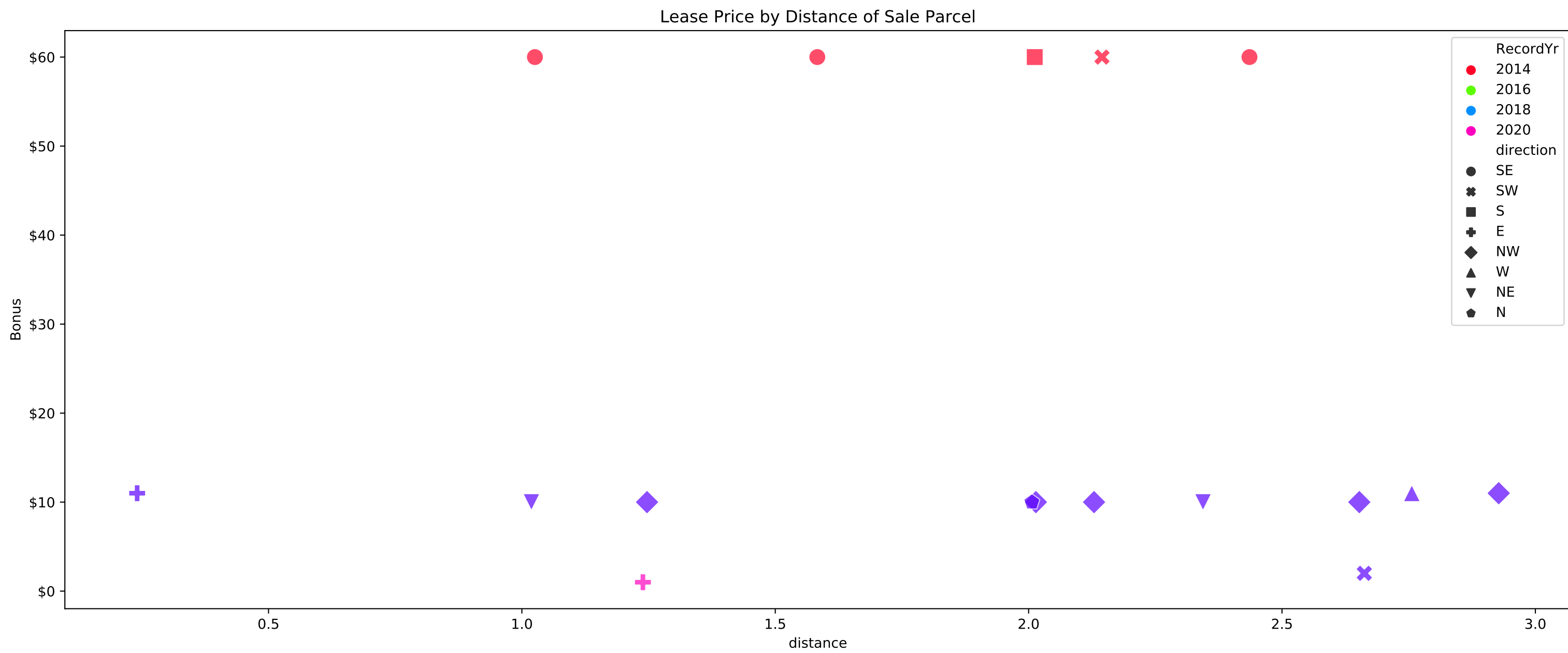
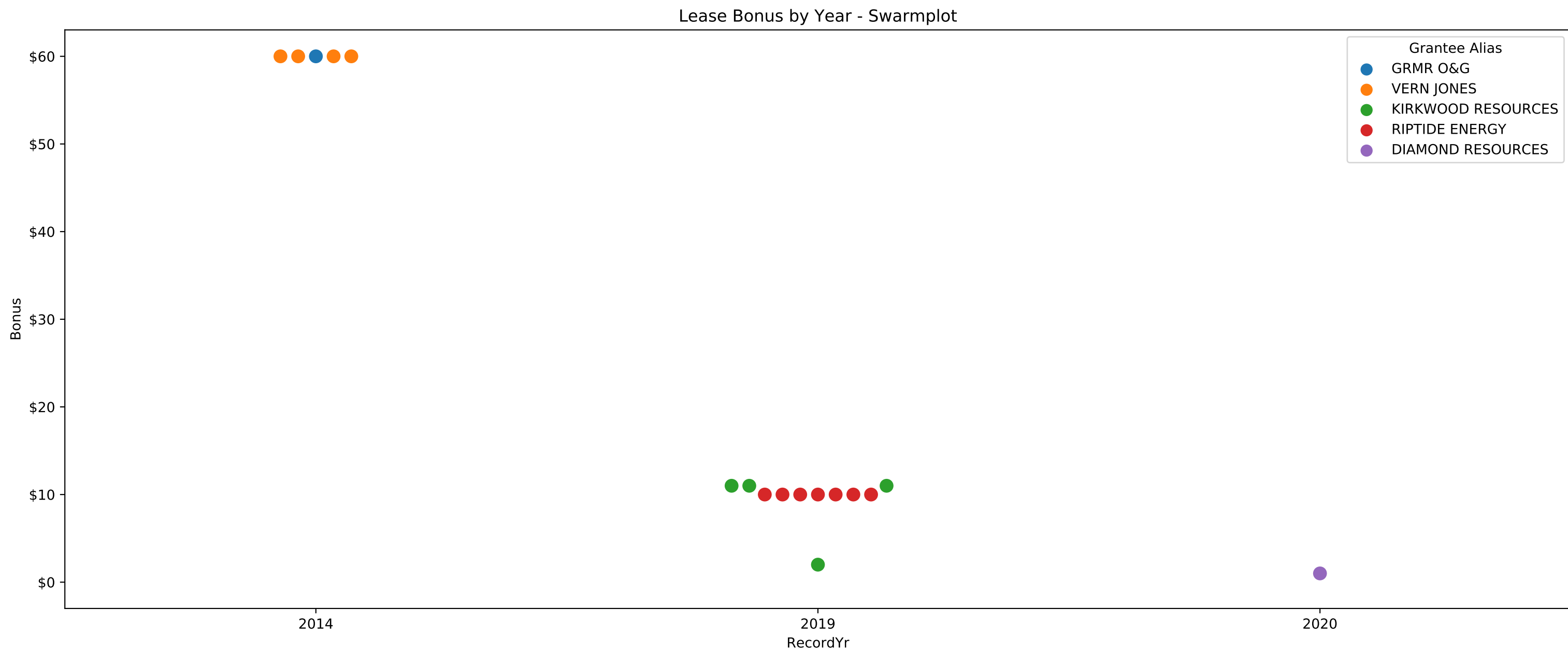
Production Types Around Tract



Status of Wells

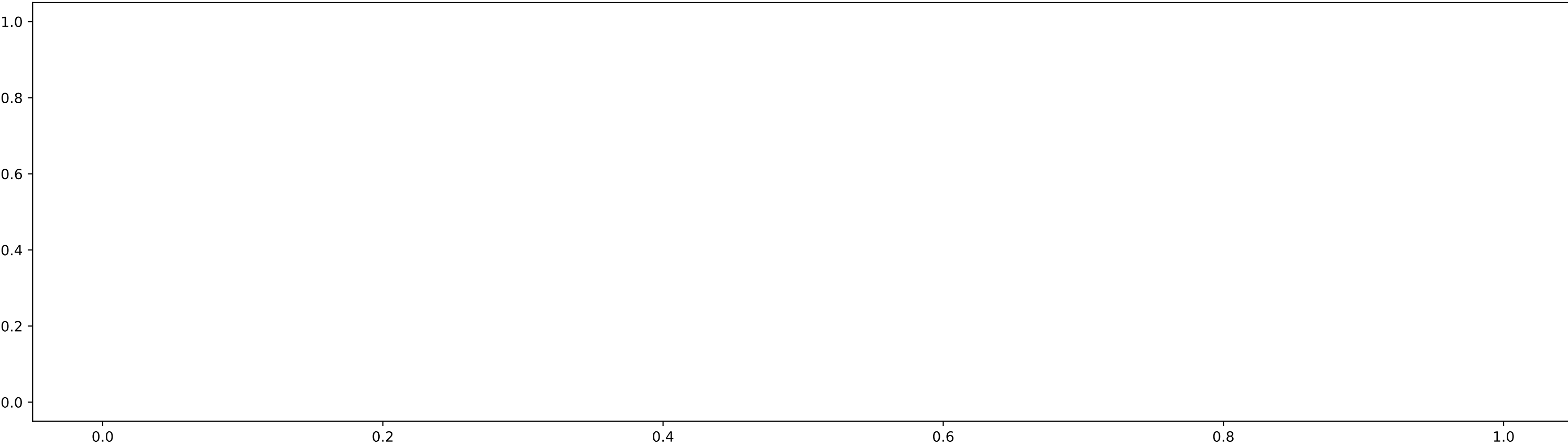


Lease Summary for tract 30  
Total Number of Leases: 17  
Average Price \$1/acre in 2020

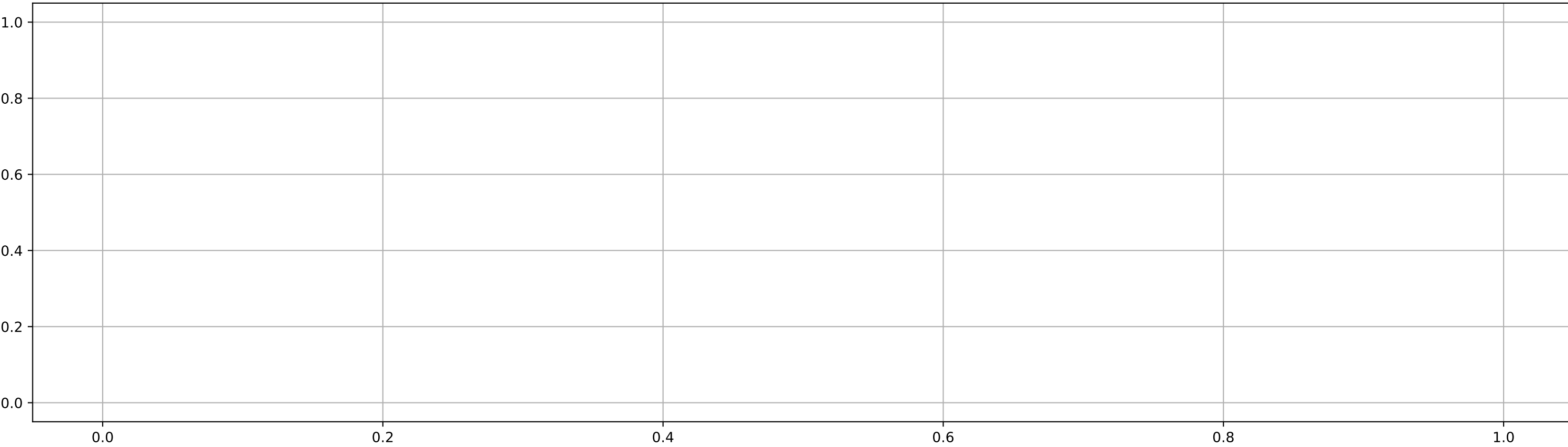


# Old Production Outside of Tract 30 - 3 Mi Radius

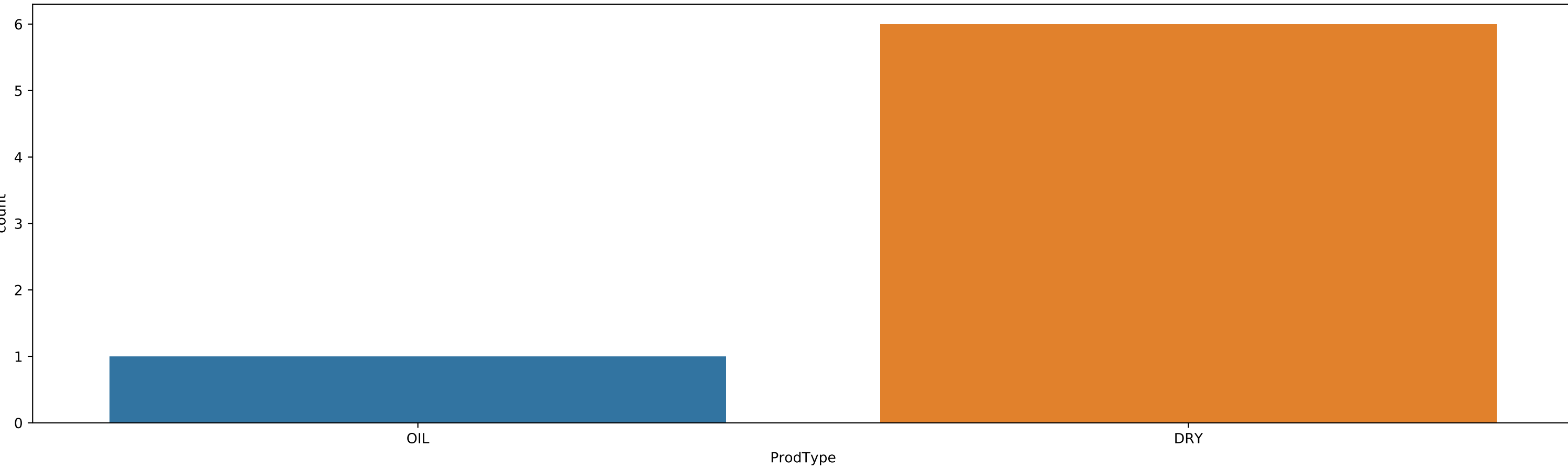
Cumulative Oil vs. Months Produced



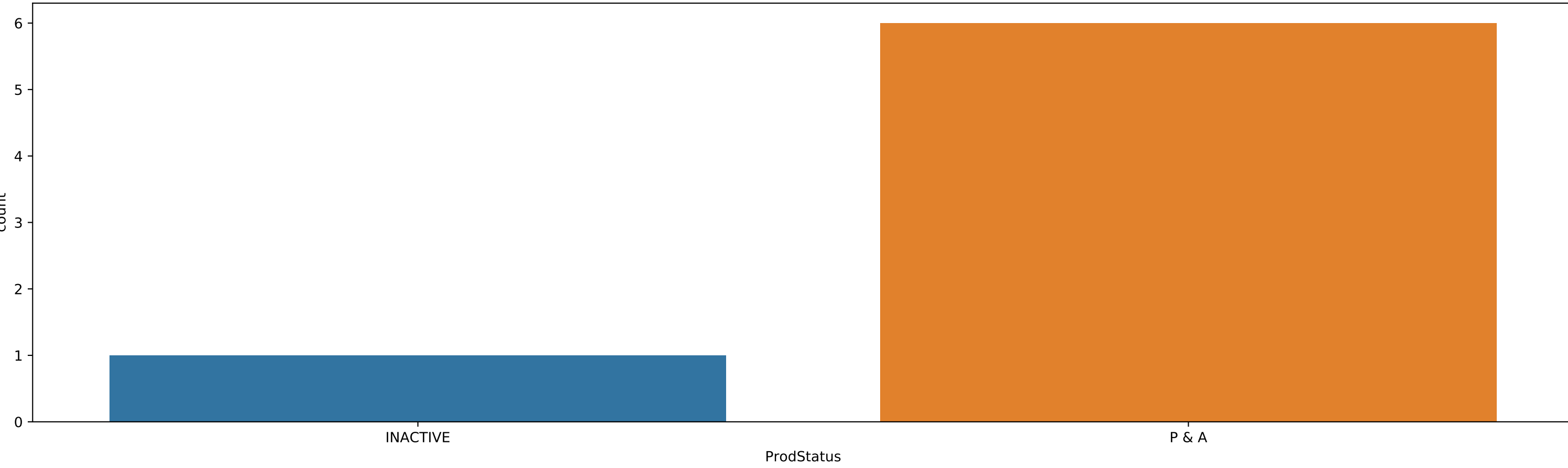
Cumulative Gas vs. Months Produced



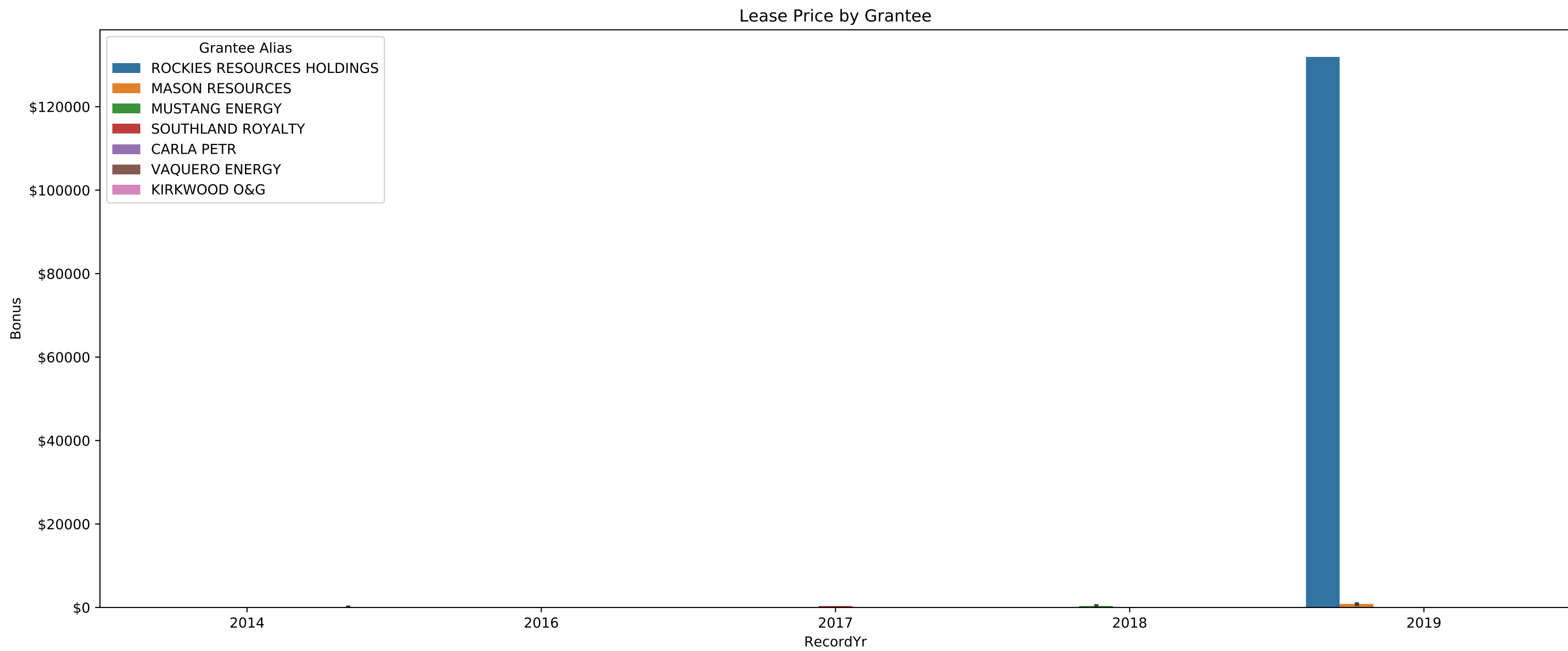
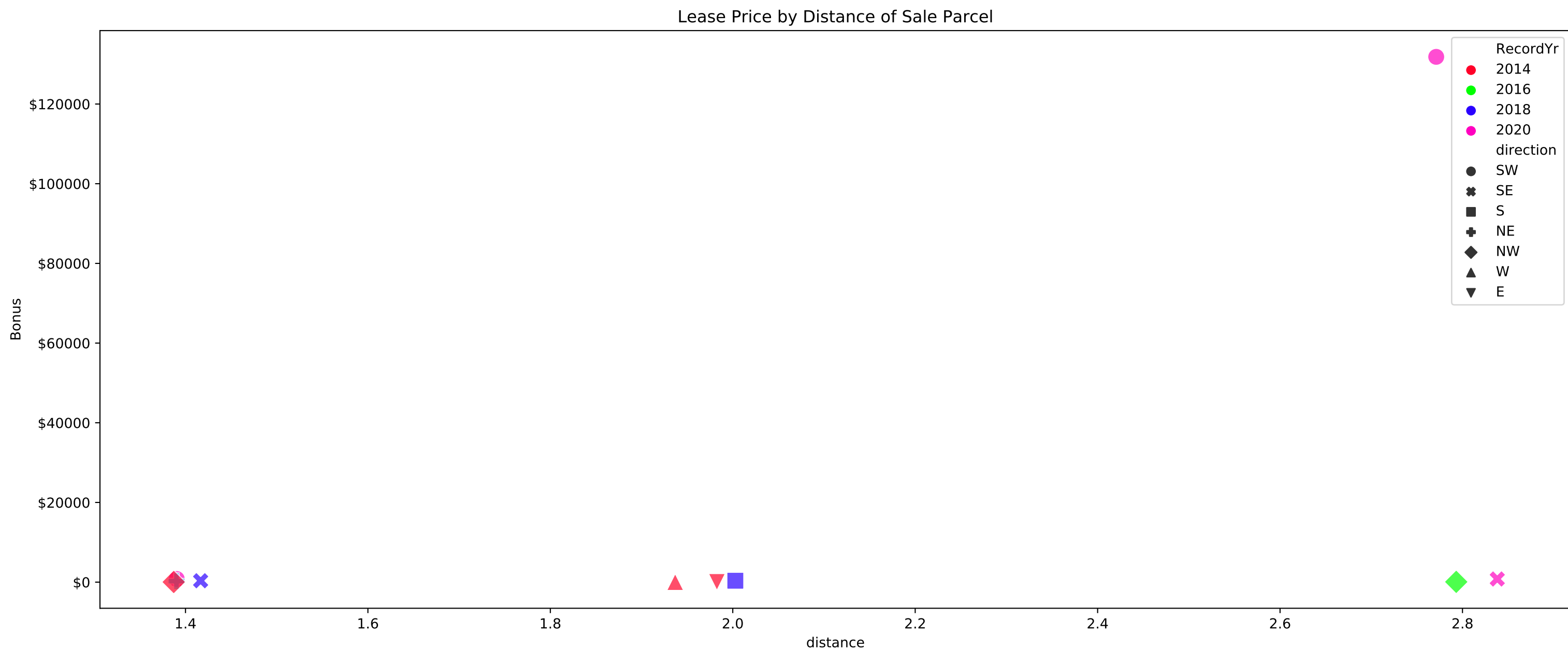
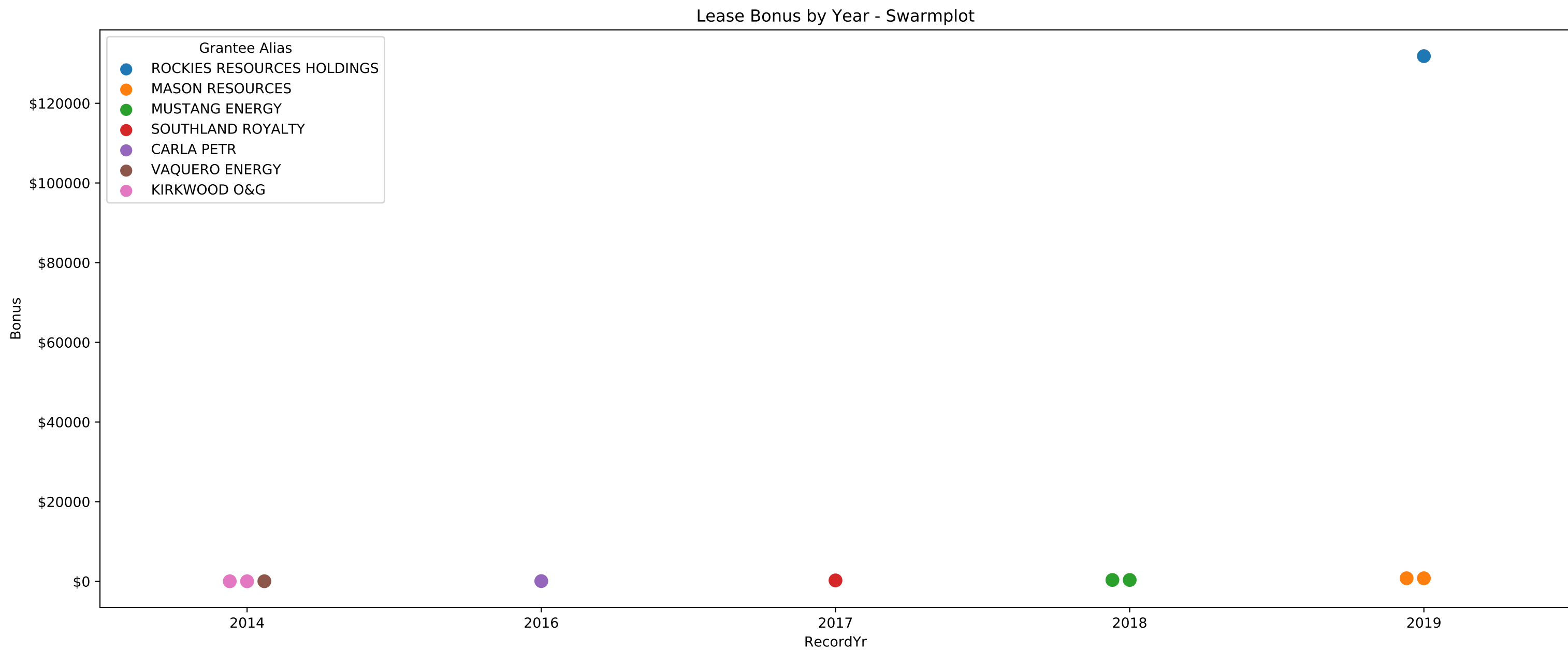
Production Types Around Tract



Status of Wells

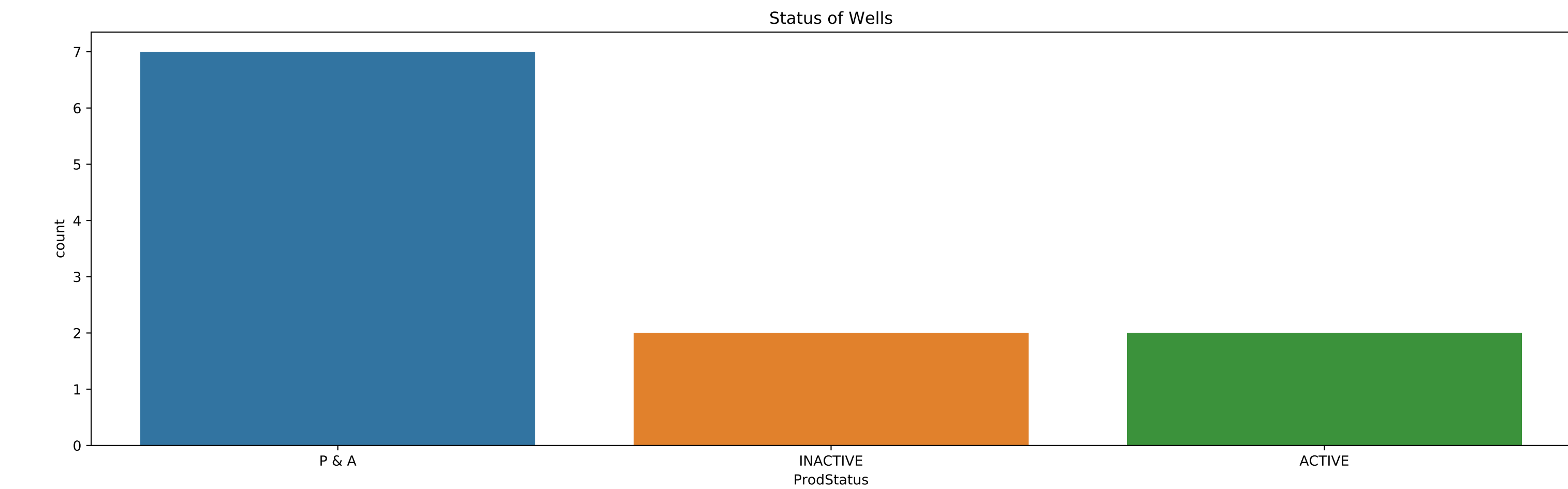
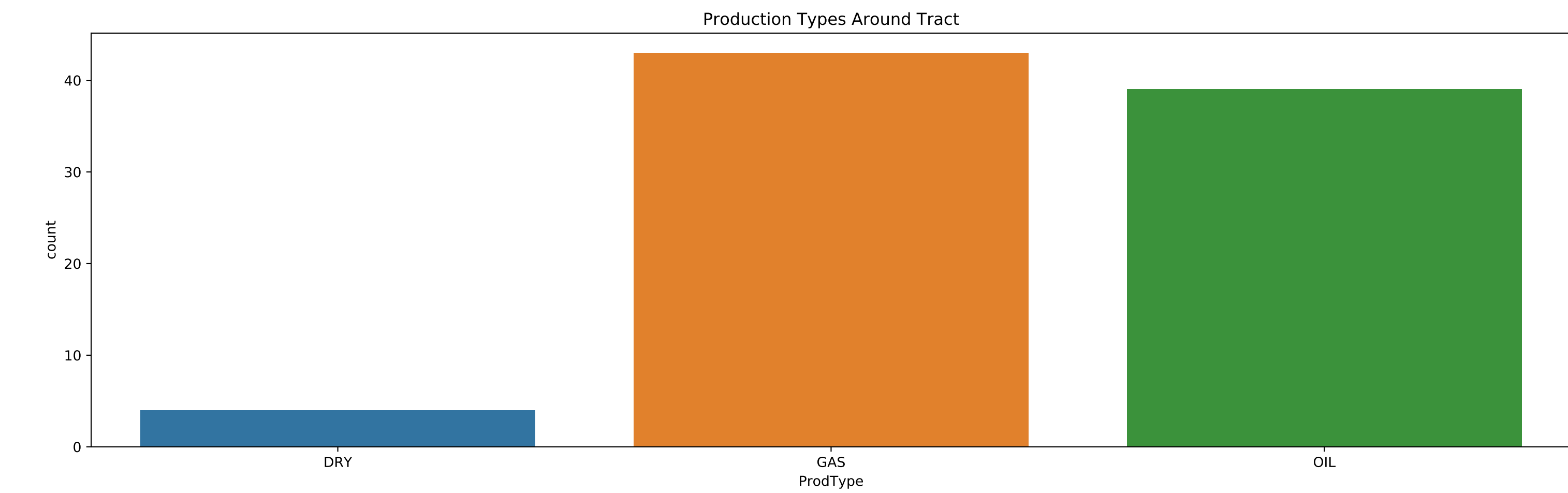
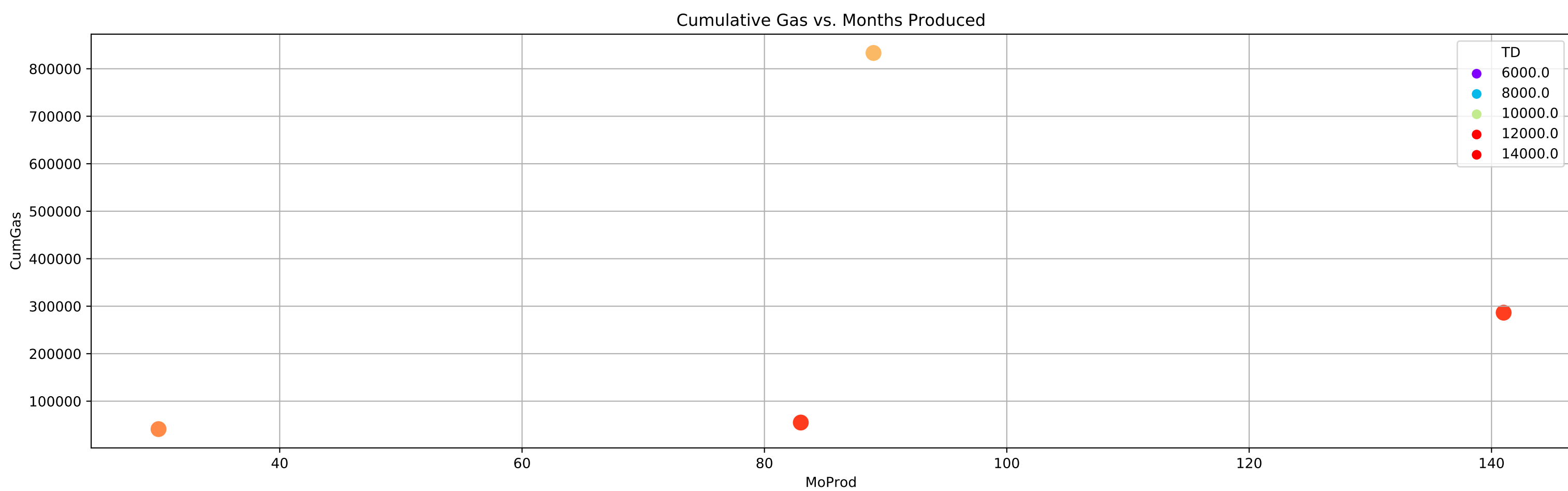
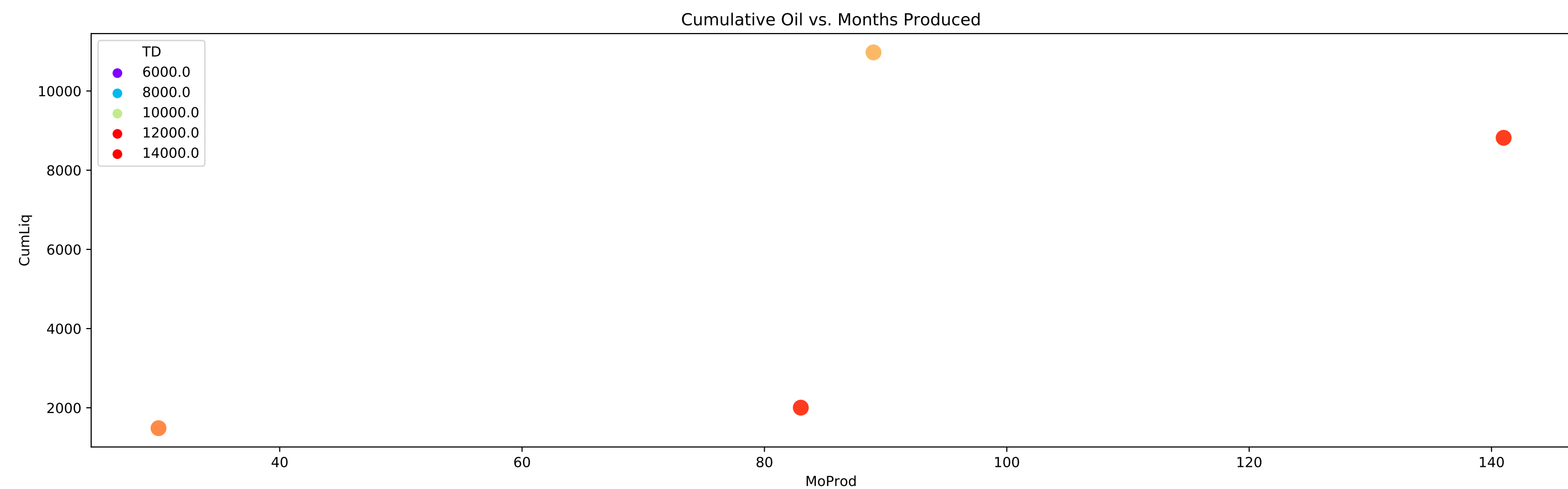


Lease Summary for tract 31  
Total Number of Leases: 10  
Average Price \$44472/acre in 2019





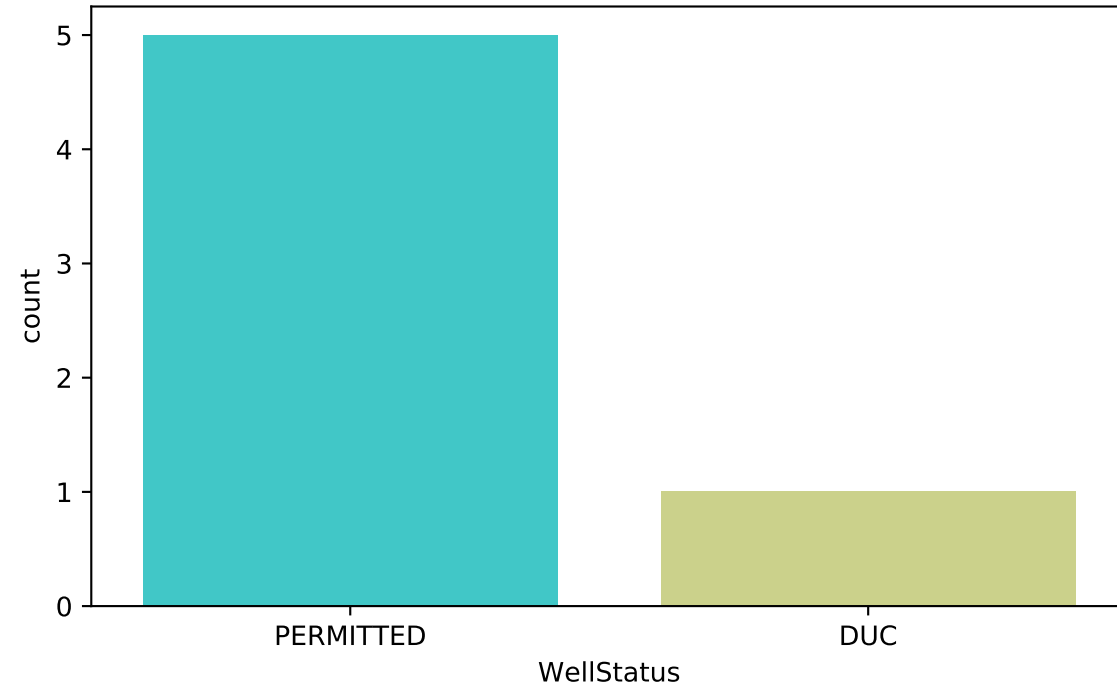
# Old Production Outside of Tract 31 - 3 Mi Radius



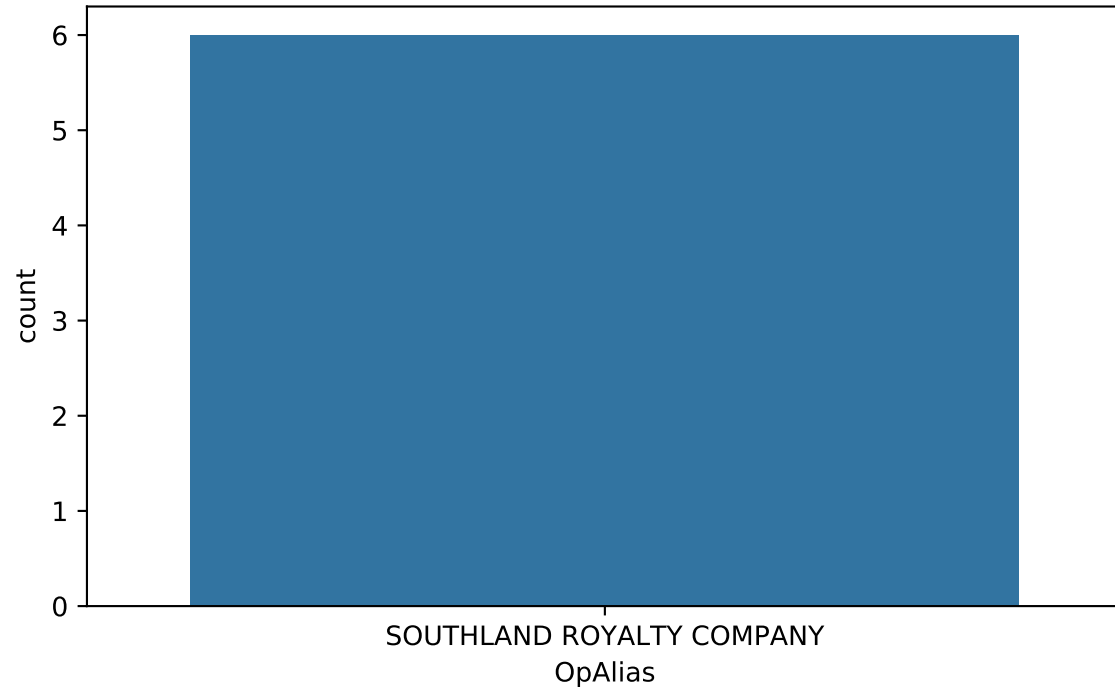
# Permit Summary for Tract 32

Total permits: 6

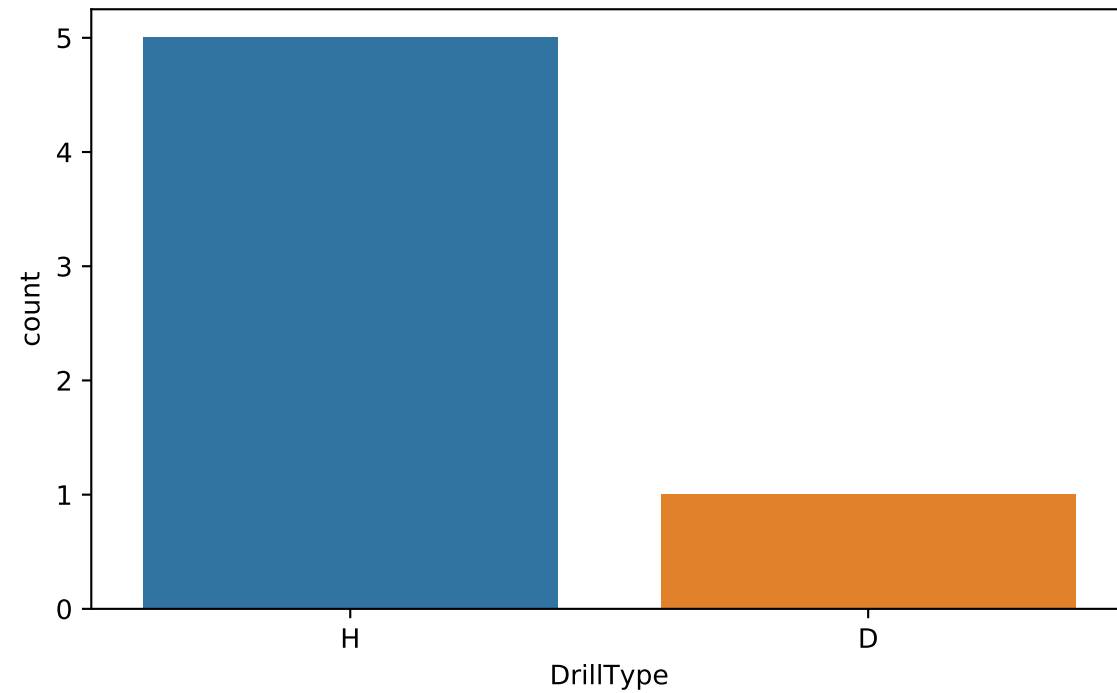
## Permits by Well Status



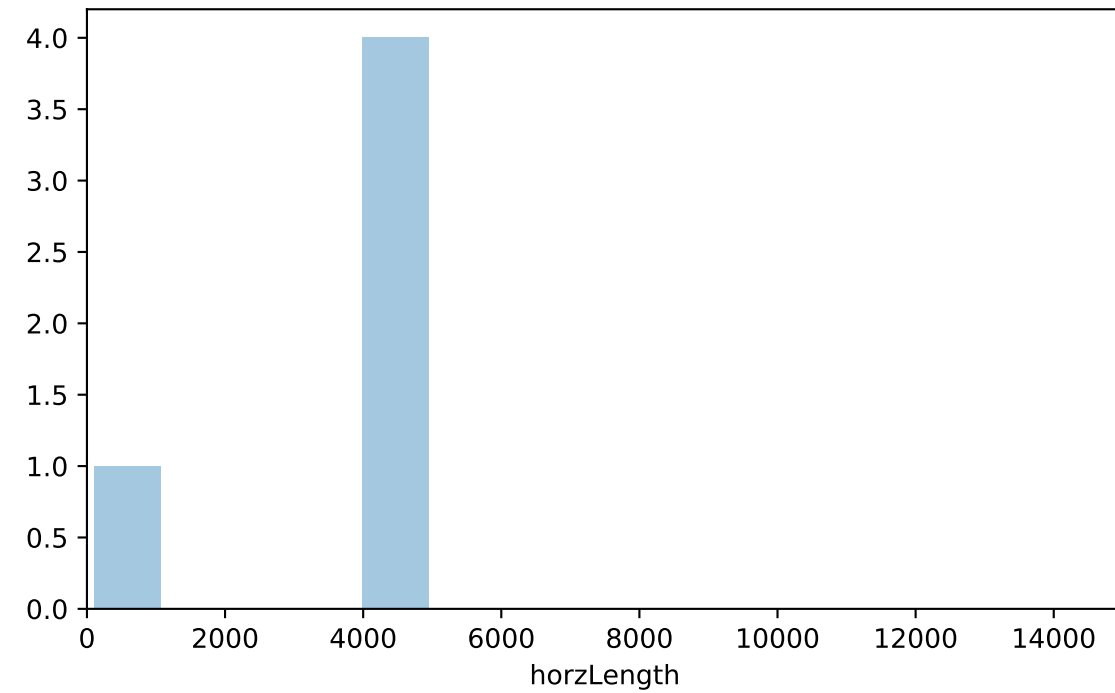
## Permits by Operator



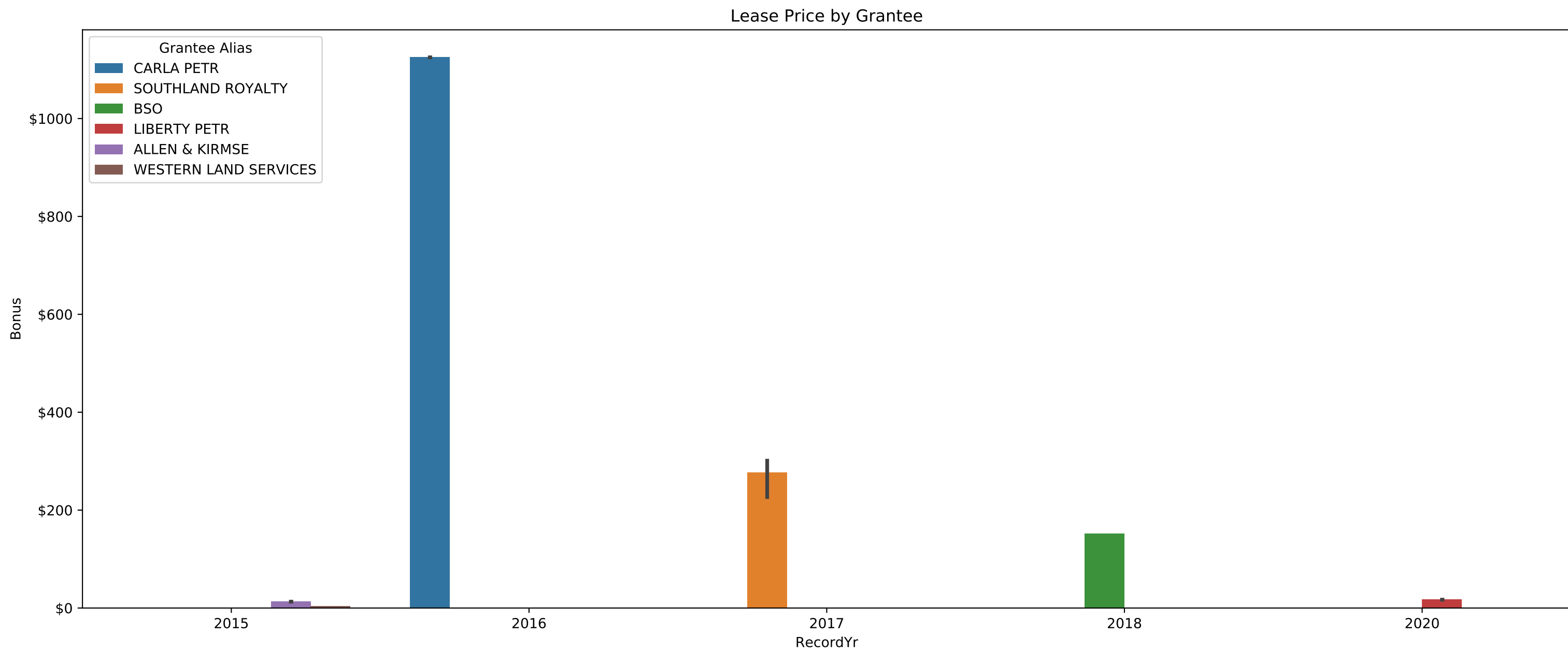
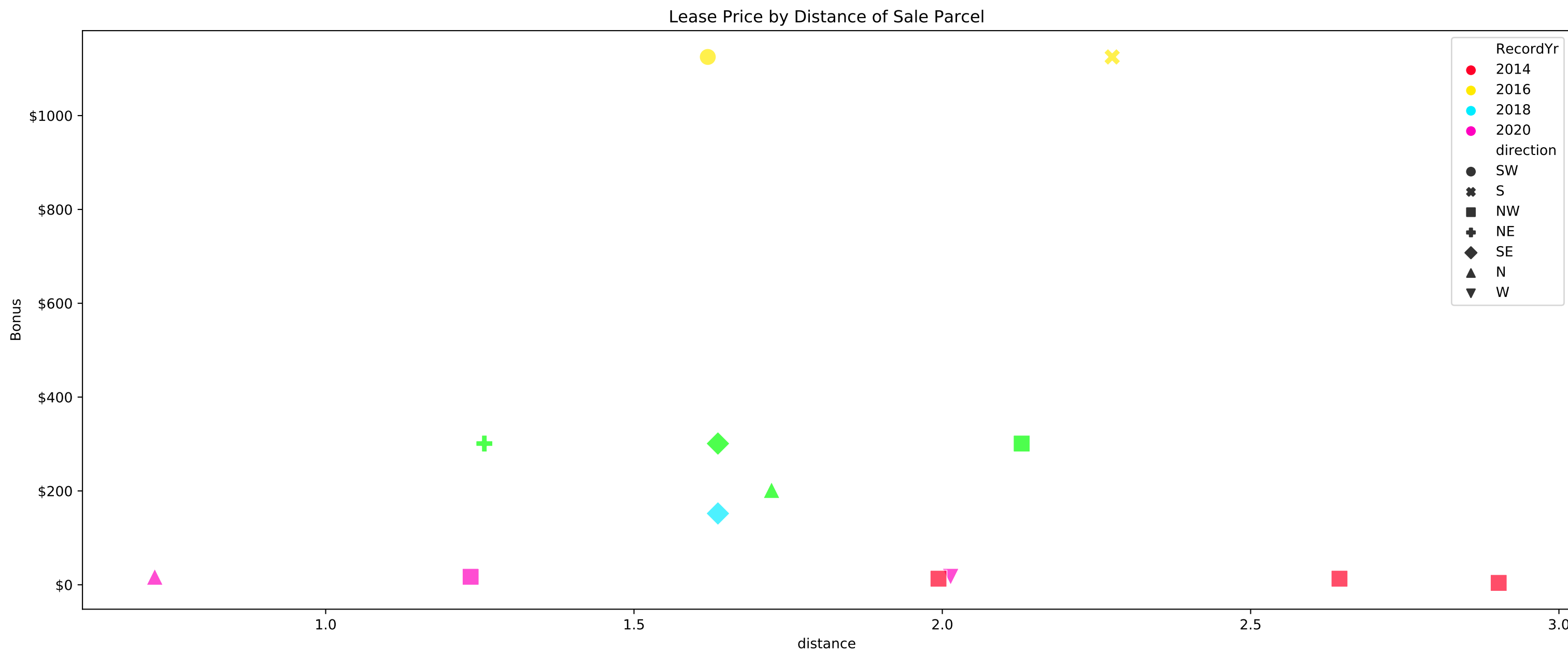
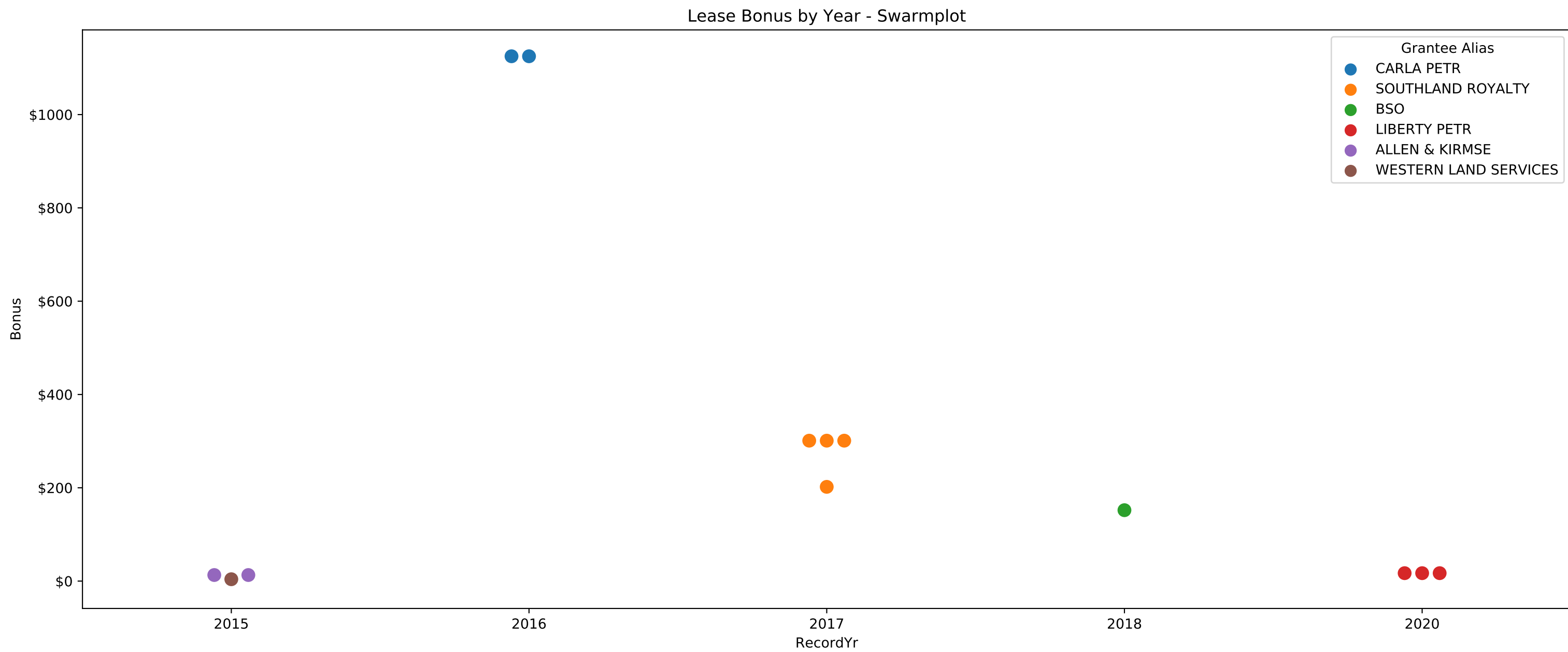
## Permits by Well Type (H,D,V)



## Permit Horizontal Lengths - Binned

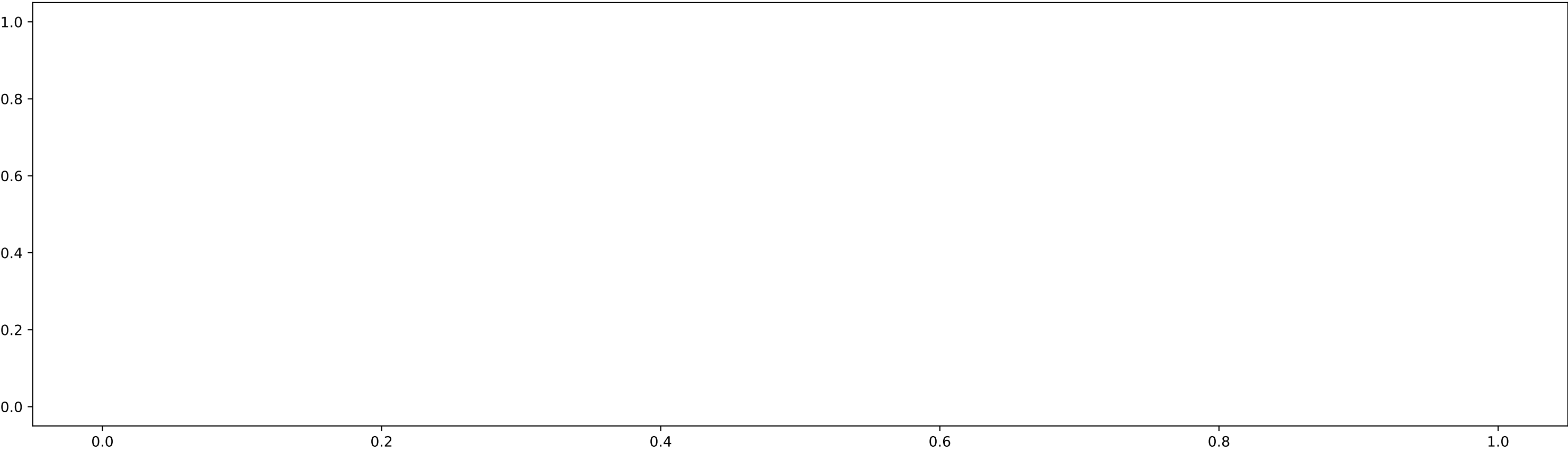


Lease Summary for tract 32  
Total Number of Leases: 13  
Average Price \$17/acre in 2020

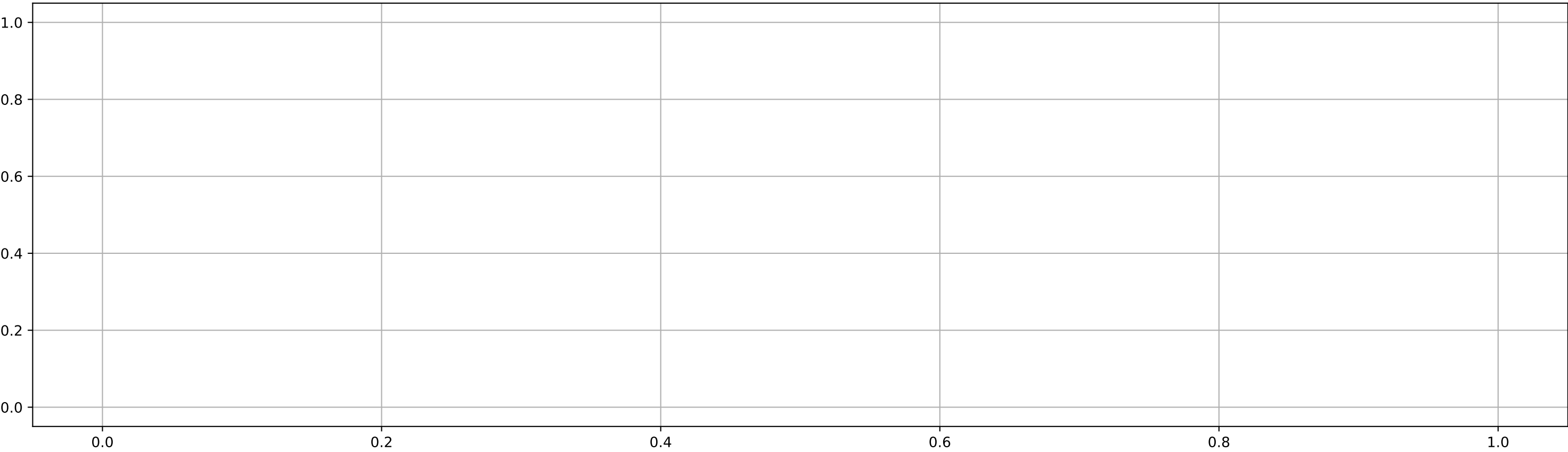


# Old Production Outside of Tract 32 - 3 Mi Radius

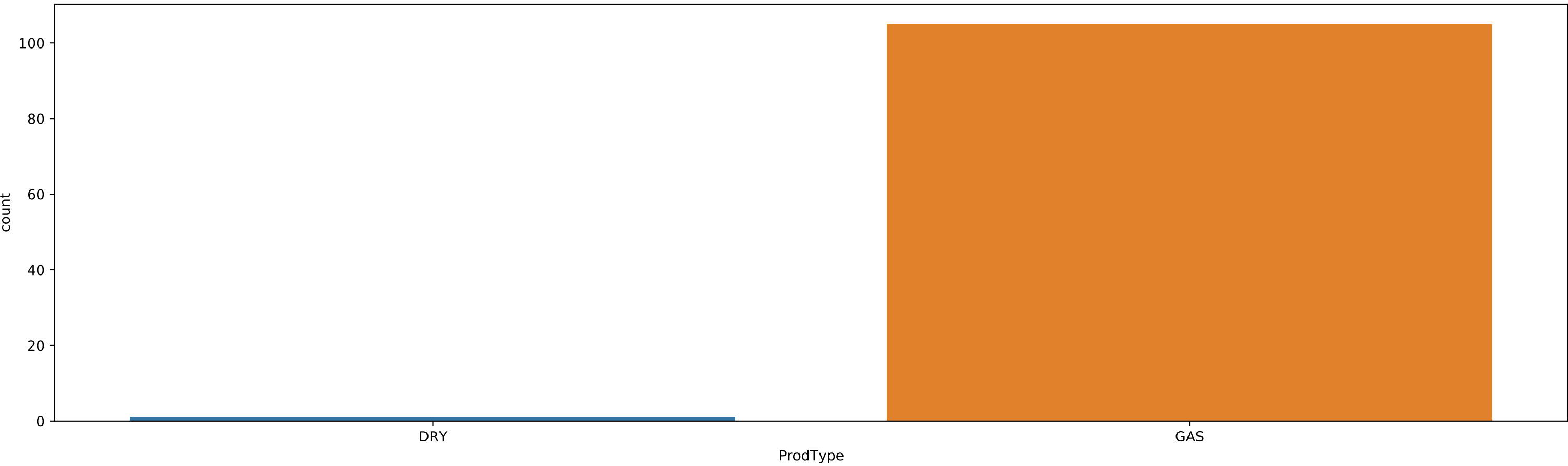
Cumulative Oil vs. Months Produced



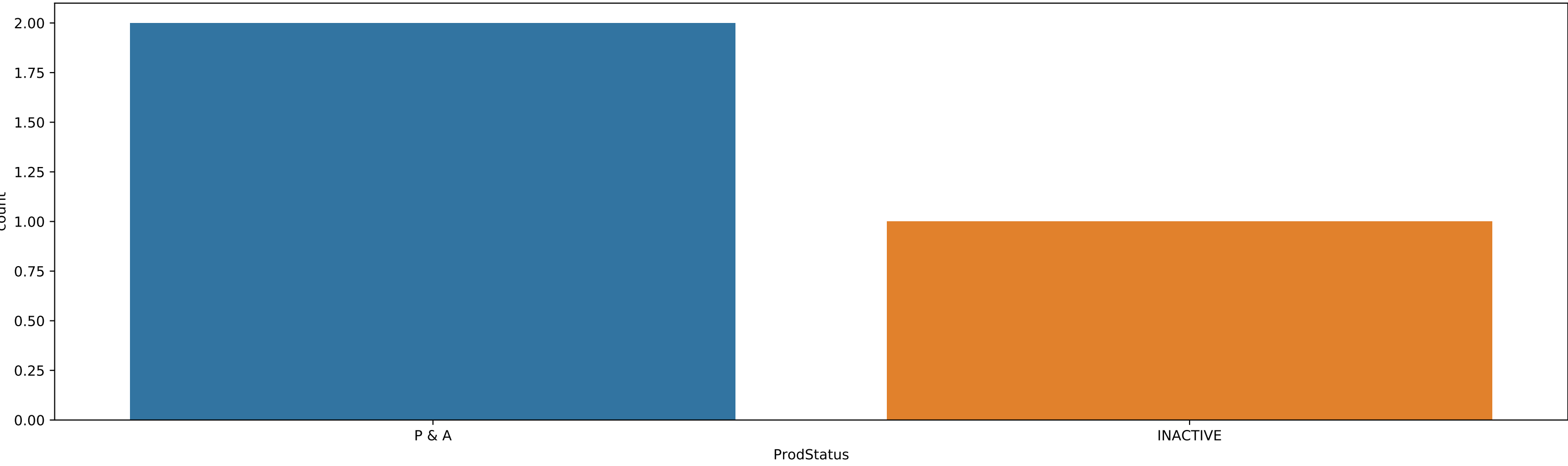
Cumulative Gas vs. Months Produced



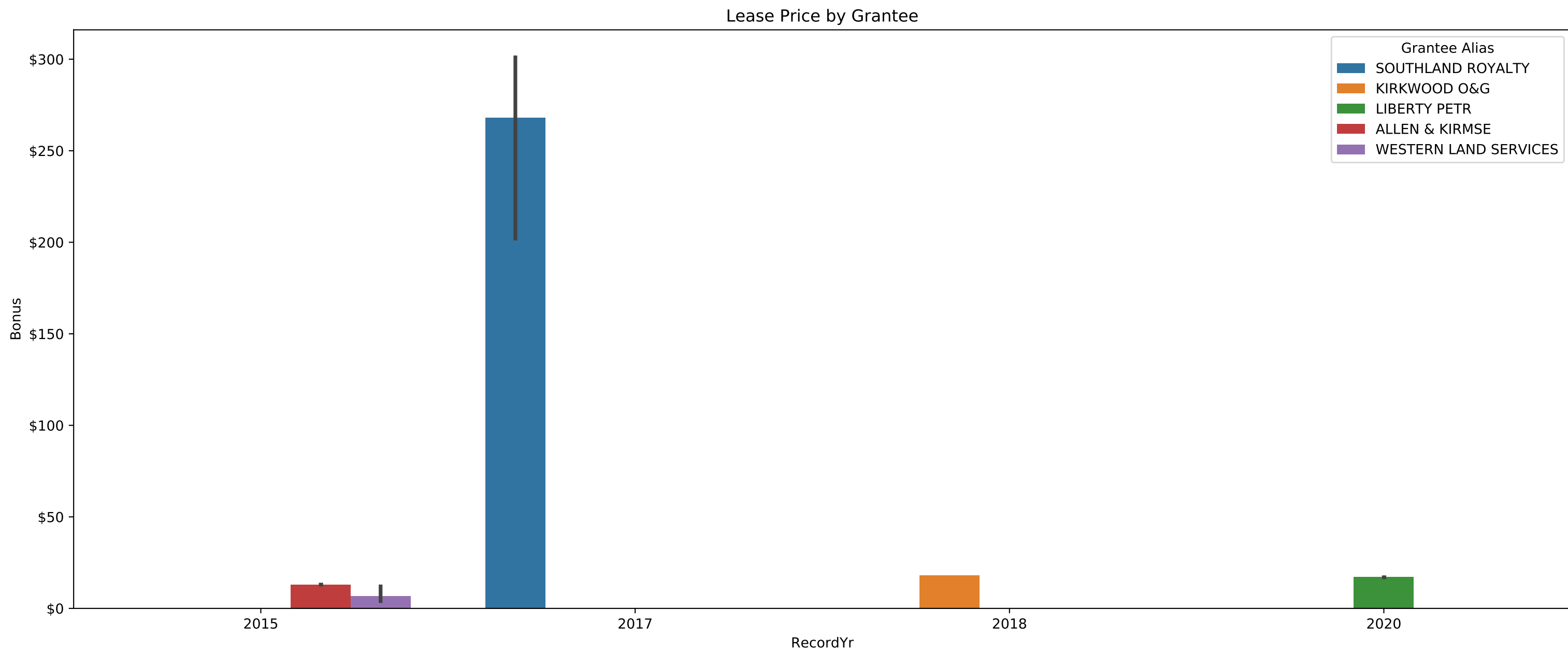
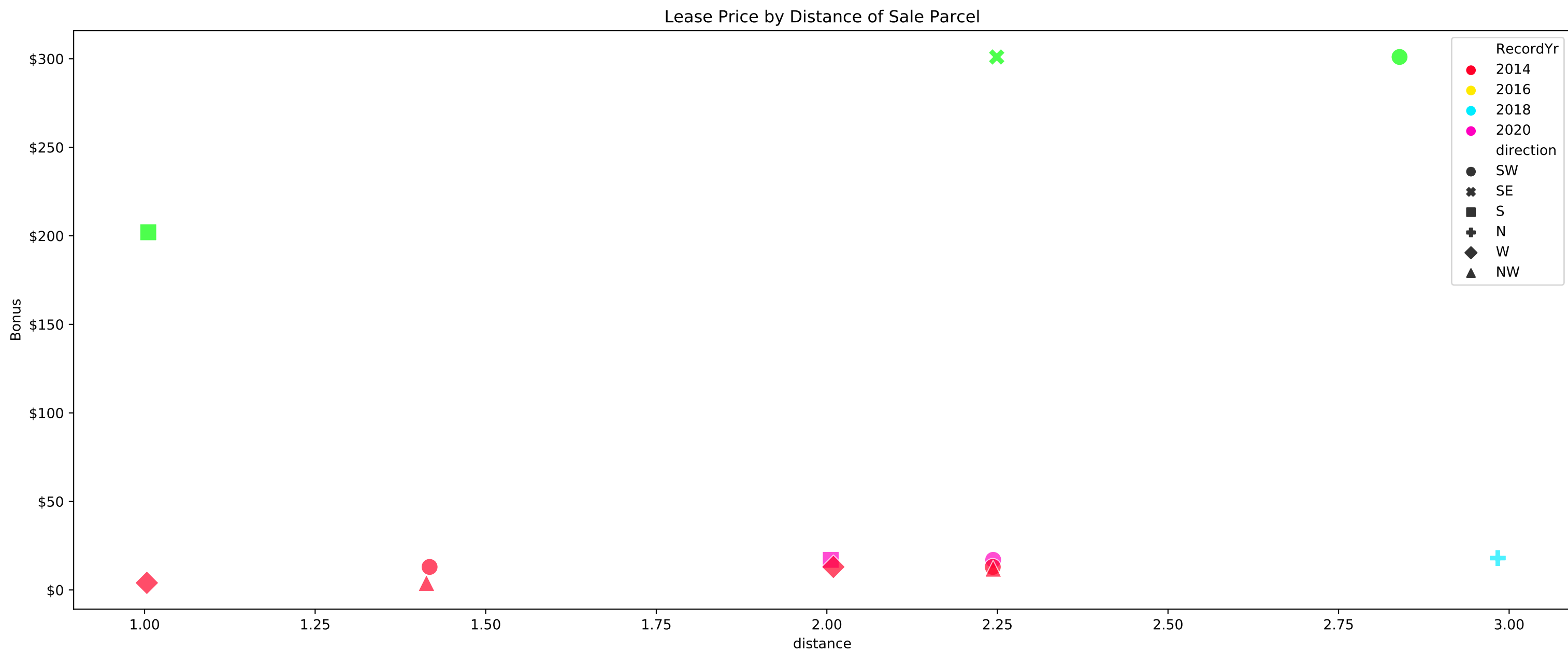
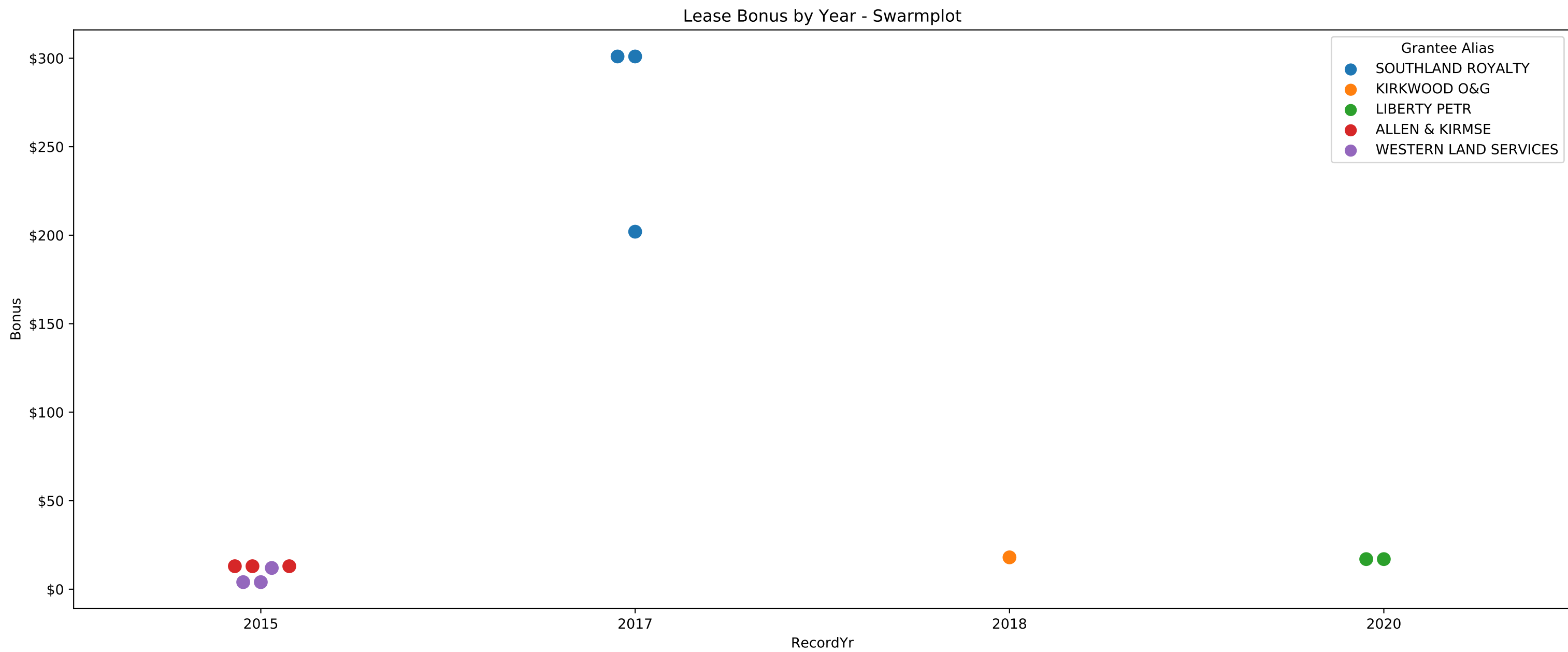
Production Types Around Tract



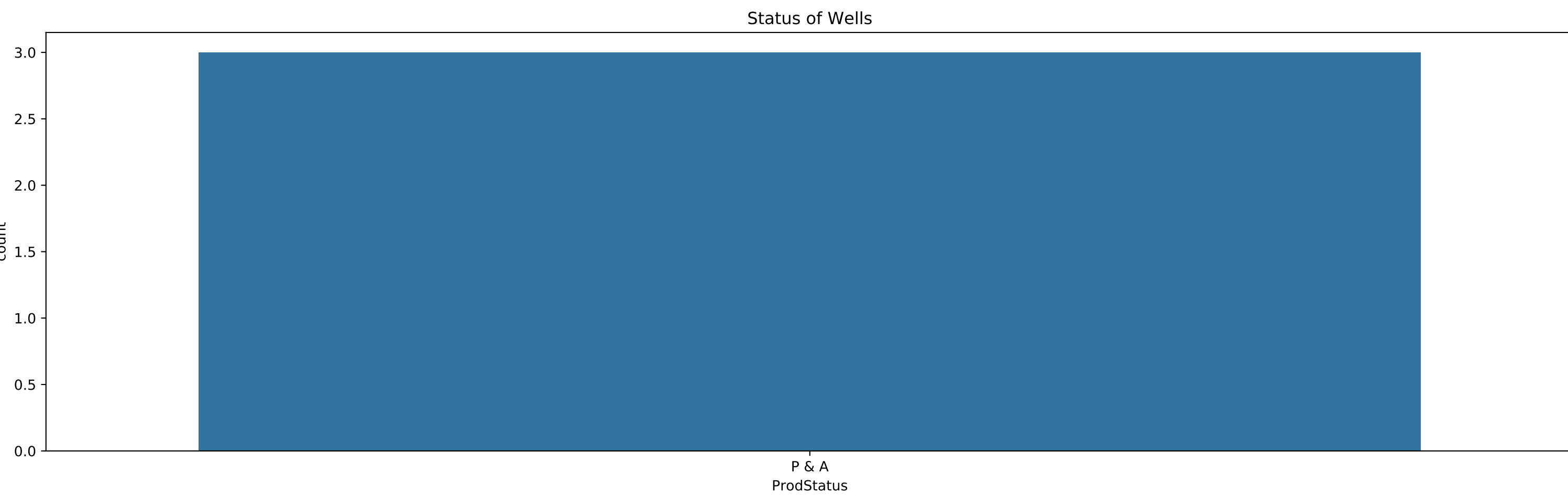
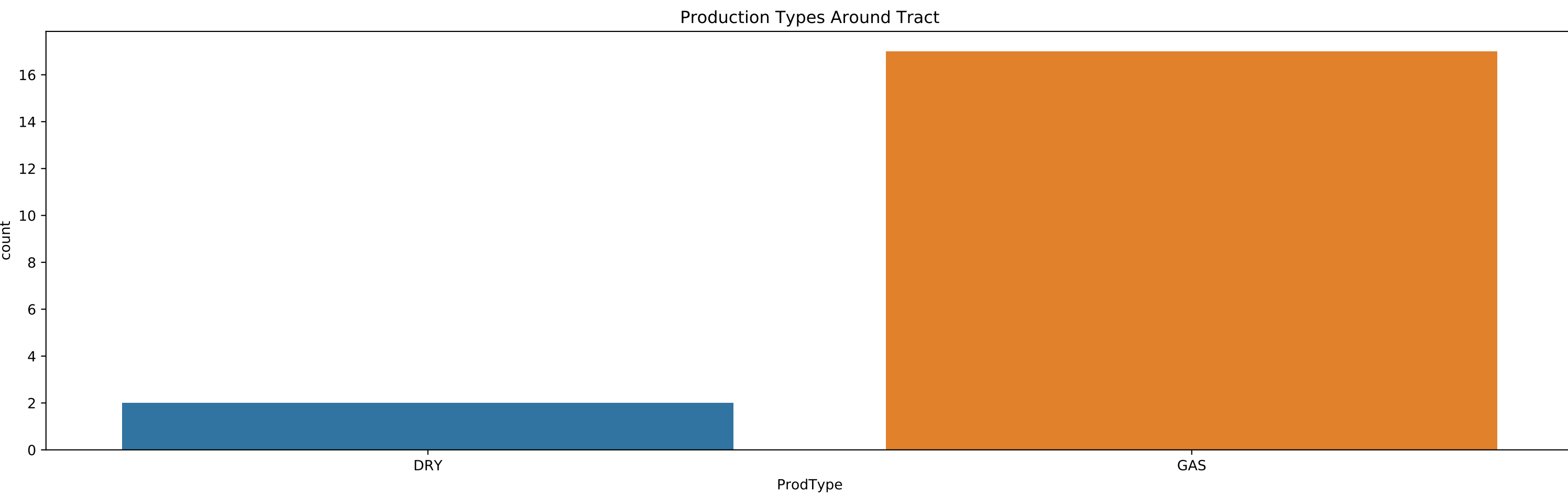
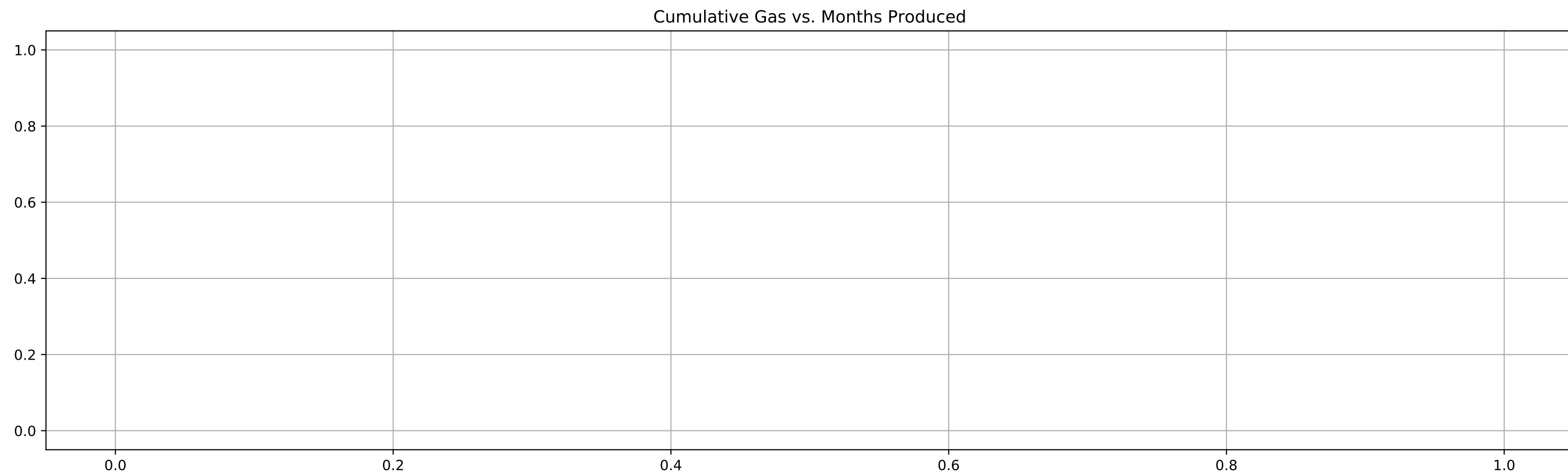
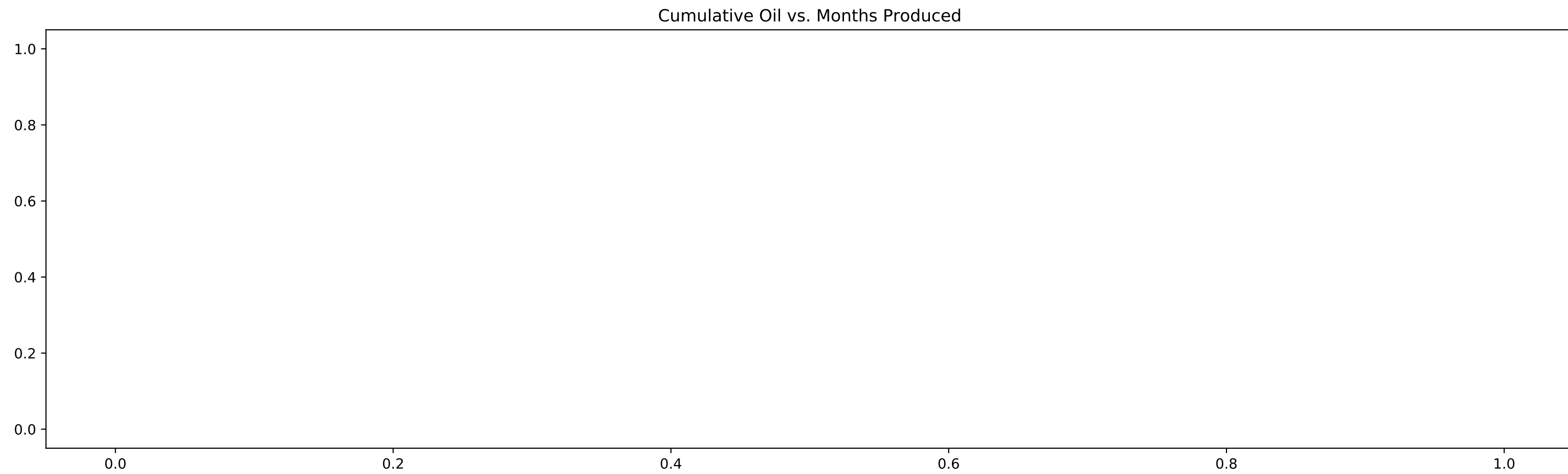
Status of Wells



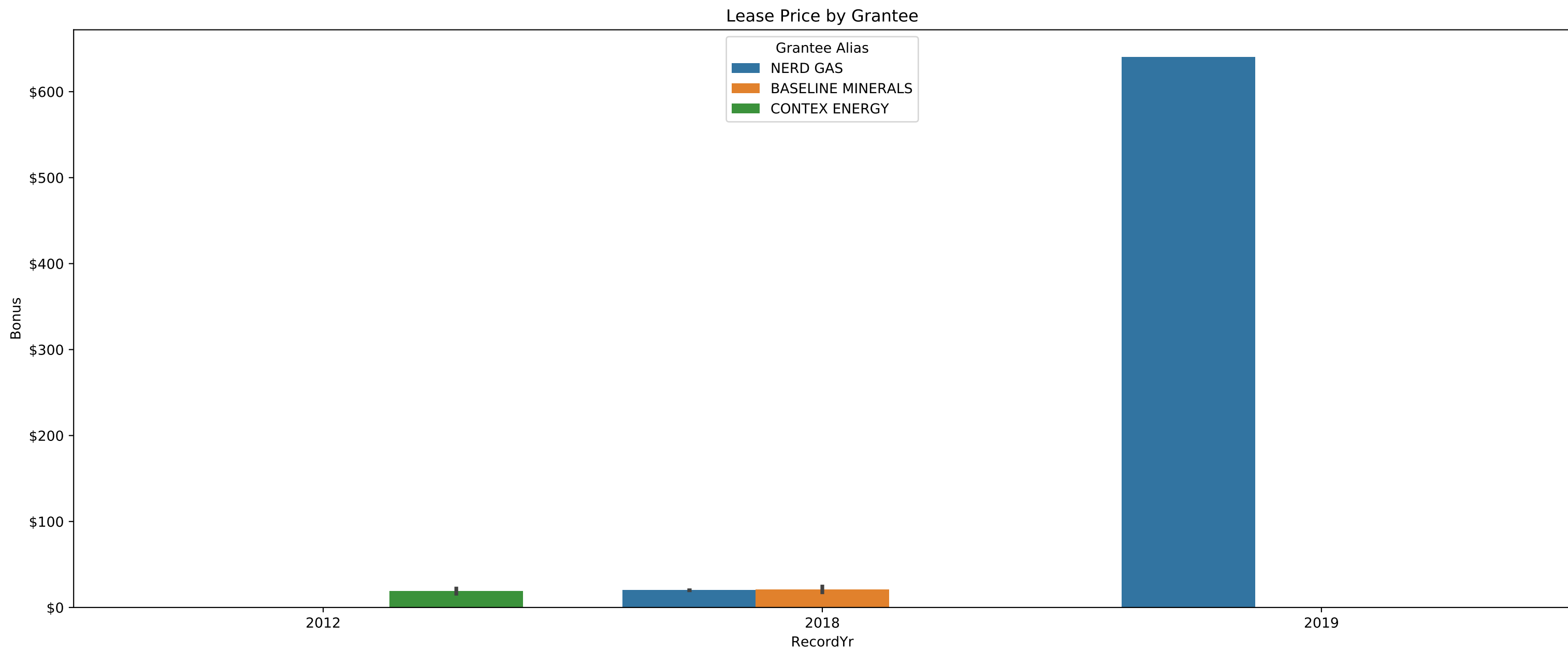
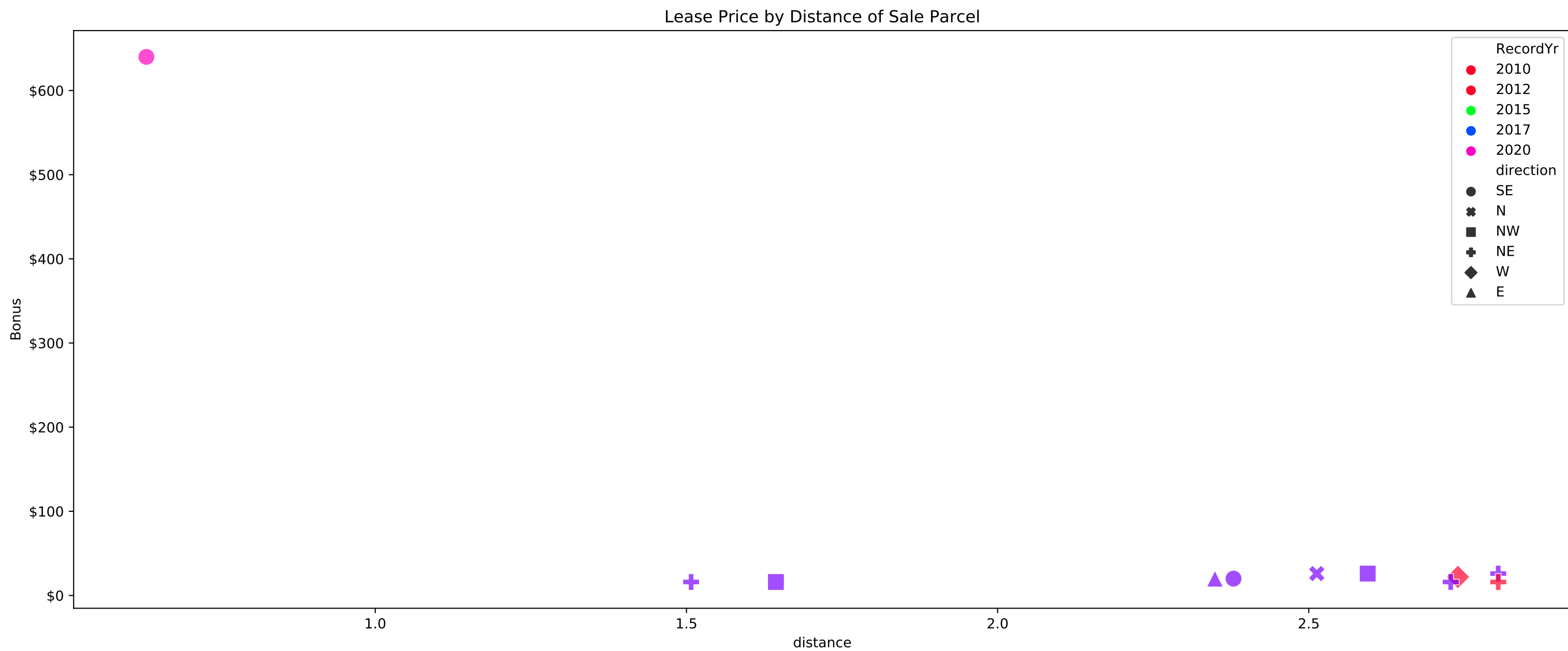
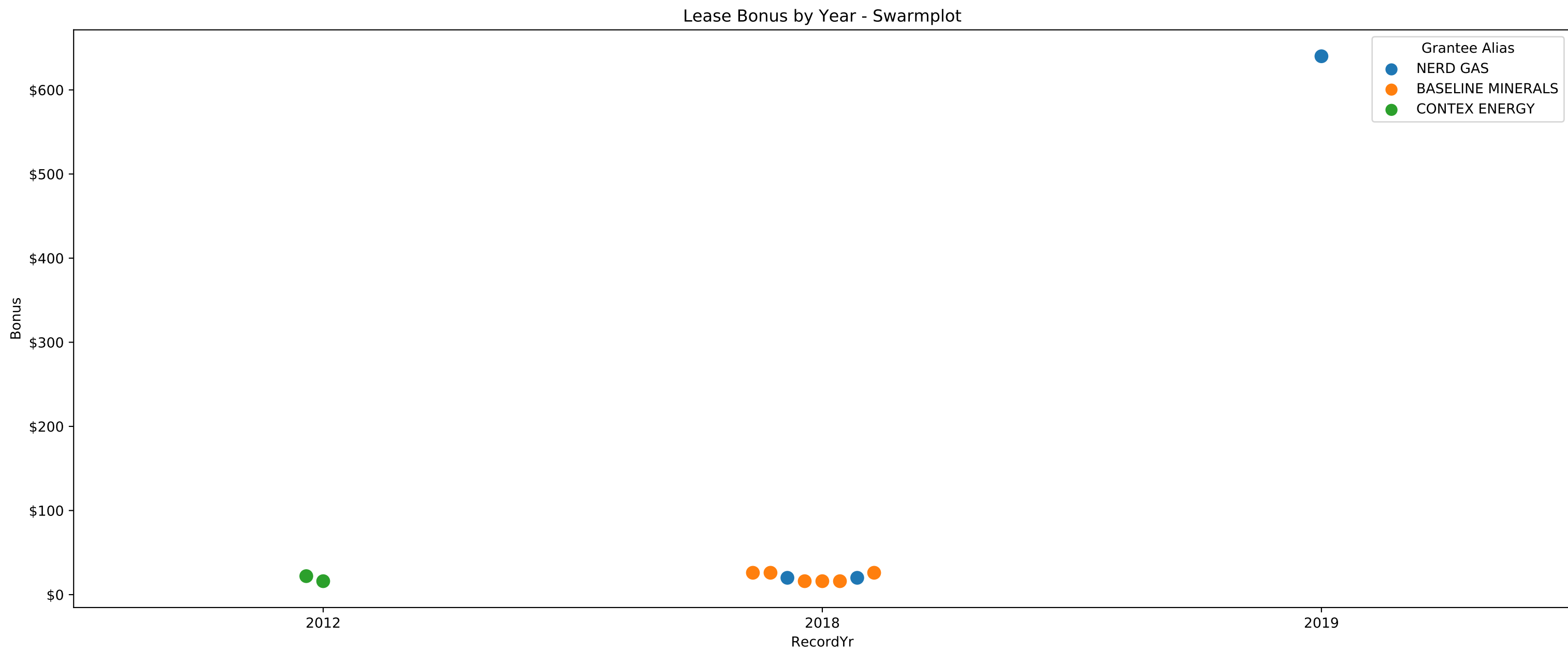
Lease Summary for tract 33  
Total Number of Leases: 12  
Average Price \$17/acre in 2020



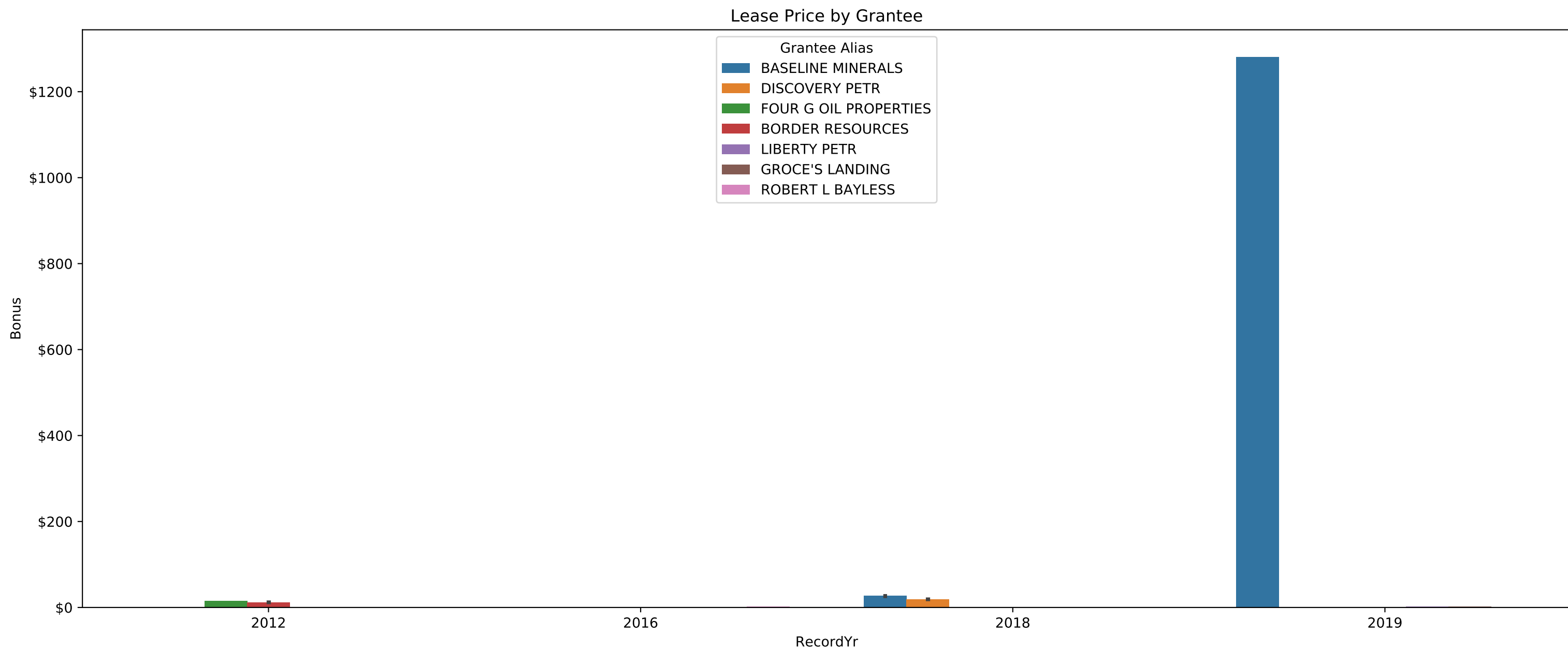
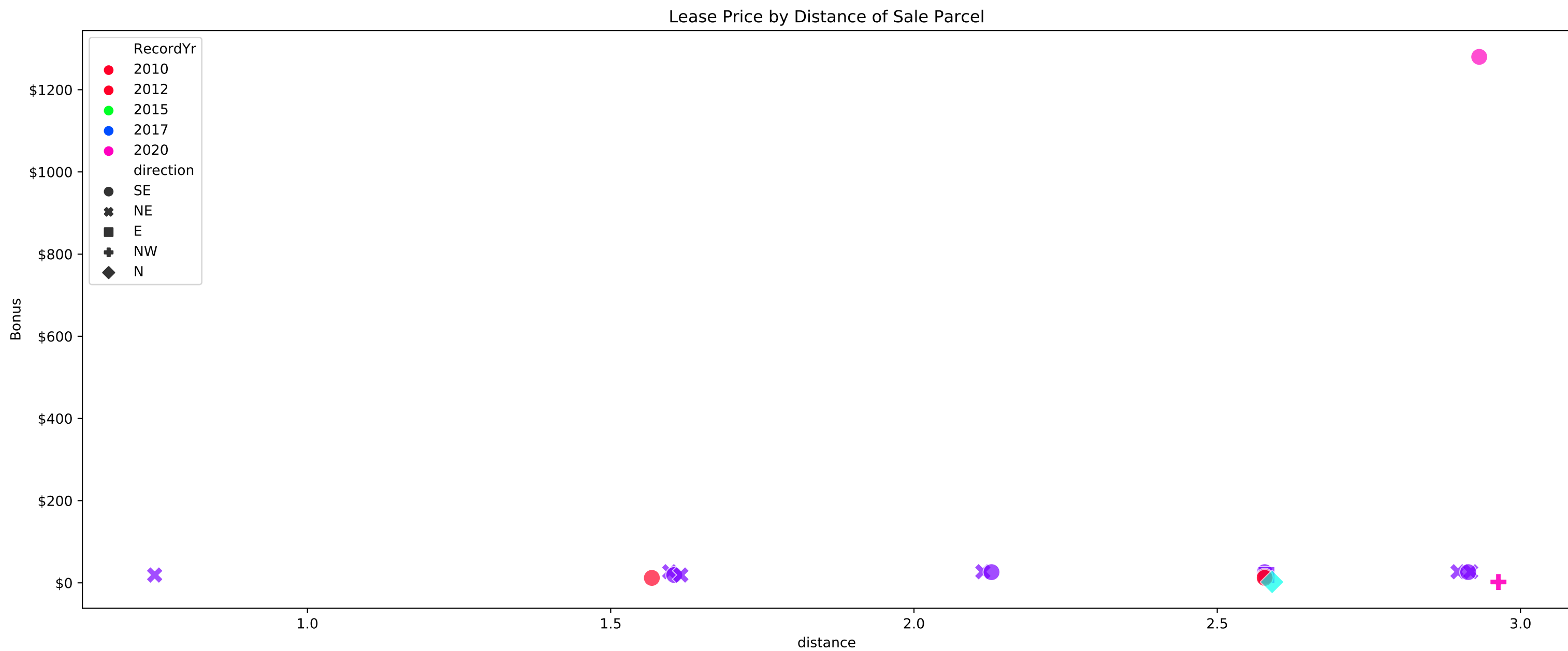
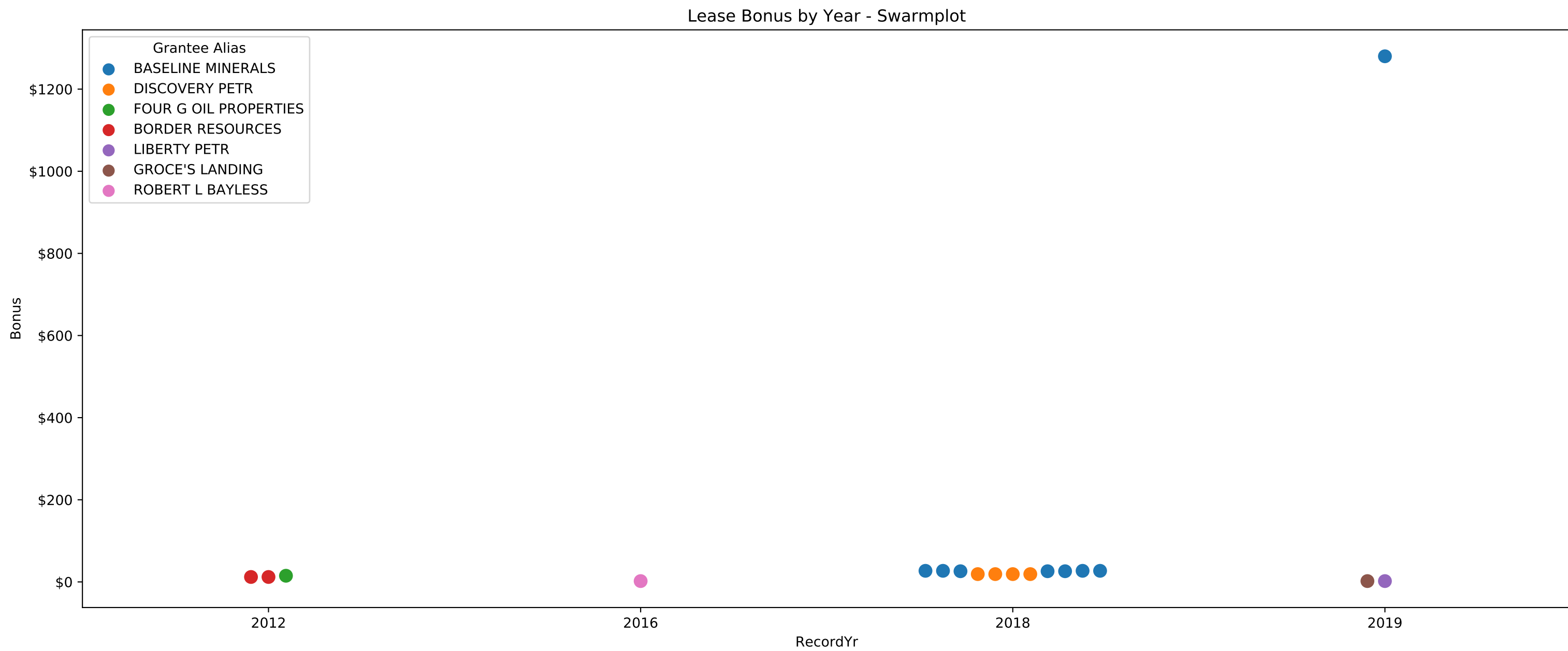
# Old Production Outside of Tract 33 - 3 Mi Radius



Lease Summary for tract 95  
Total Number of Leases: 11  
Average Price \$640/acre in 2019

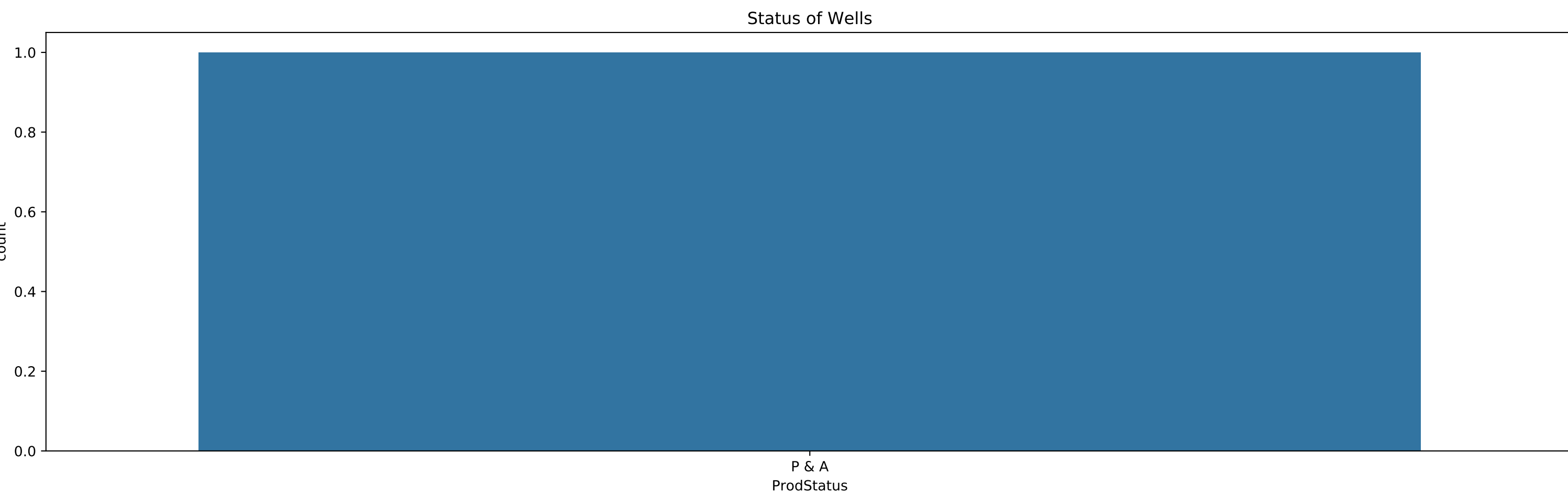
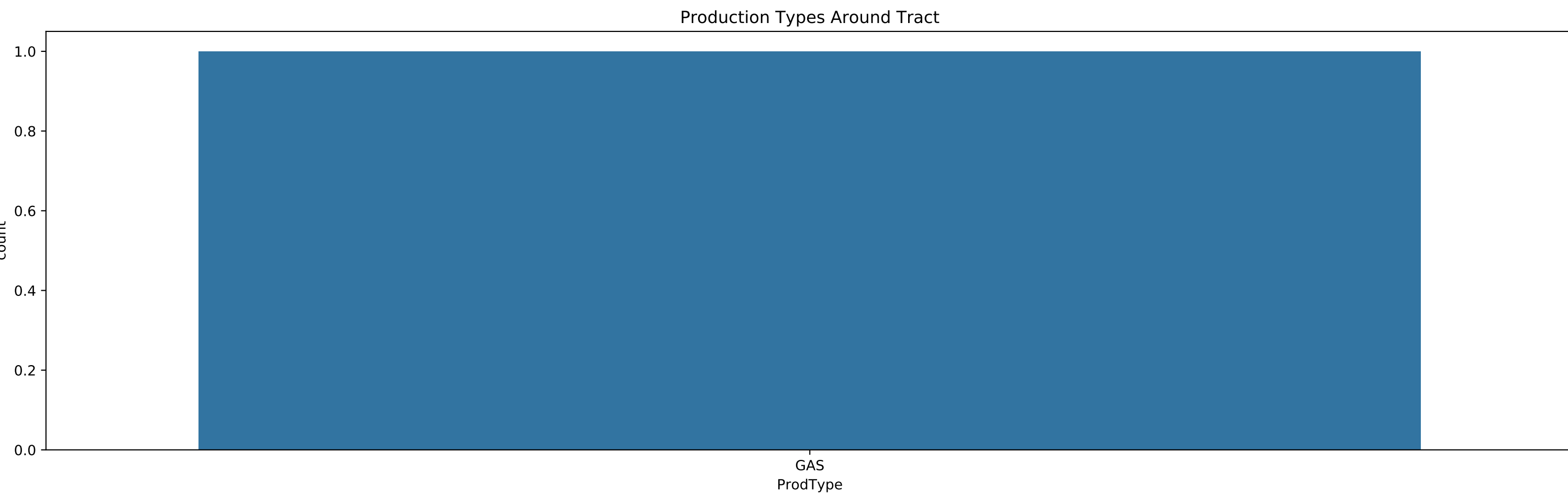
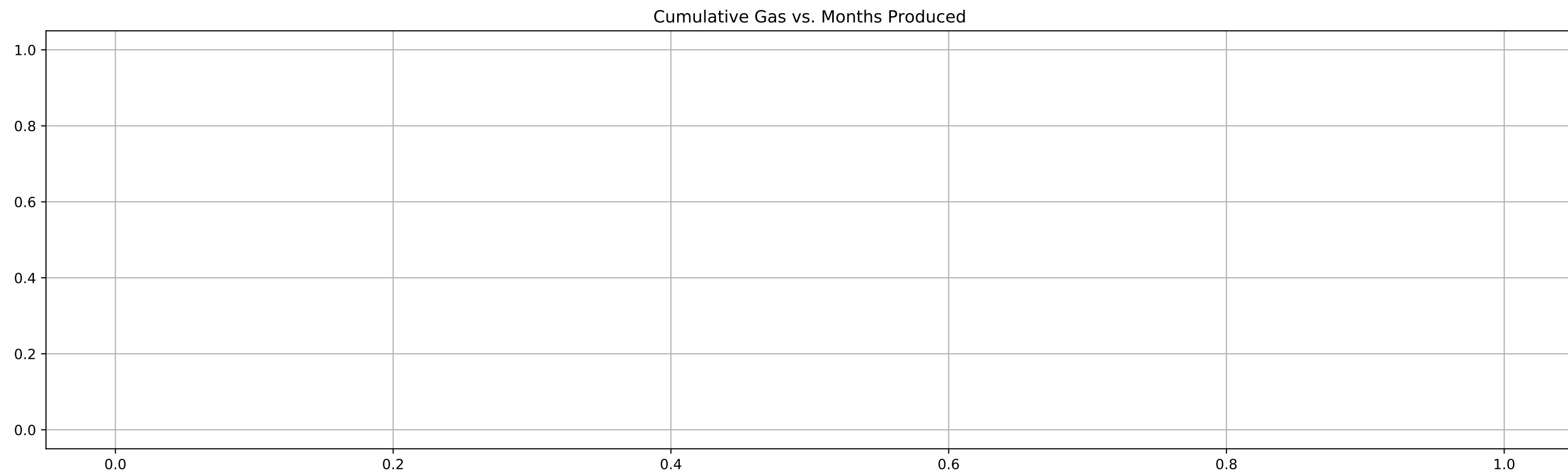
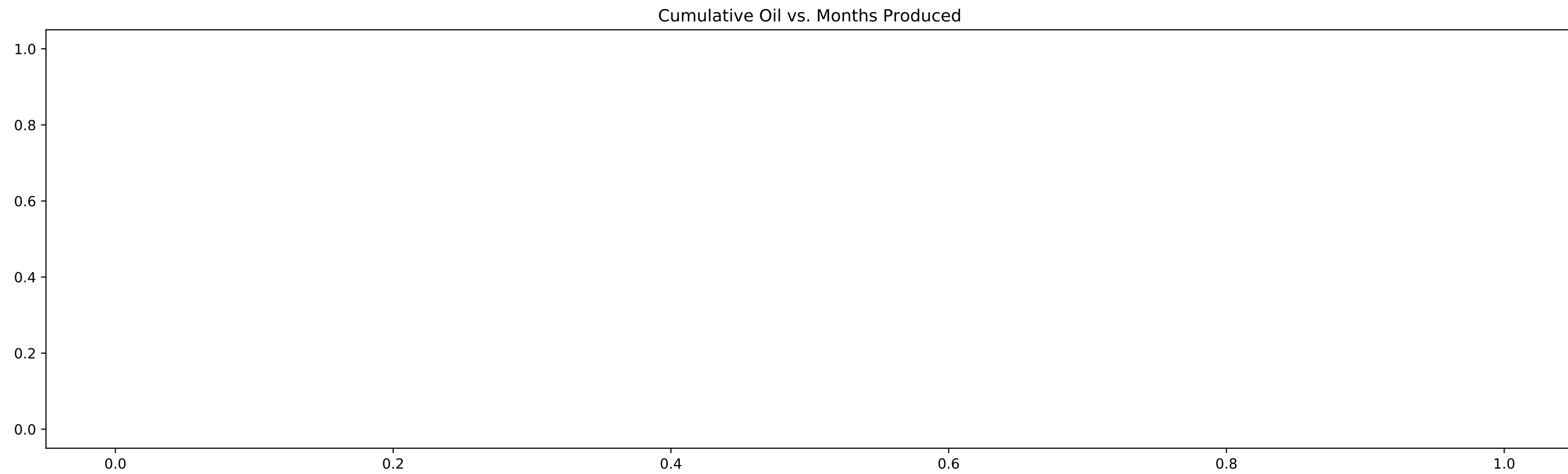


Lease Summary for tract 36  
Total Number of Leases: 18  
Average Price \$428/acre in 2019

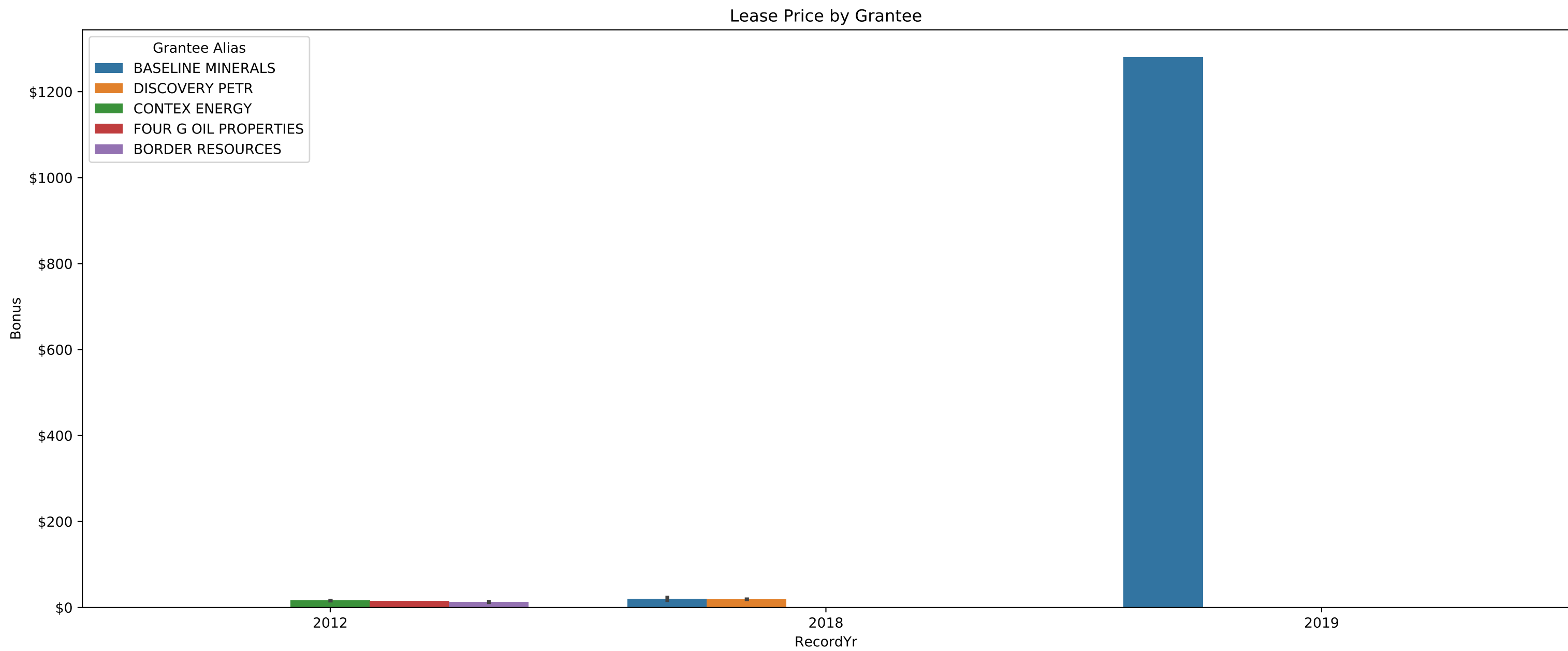
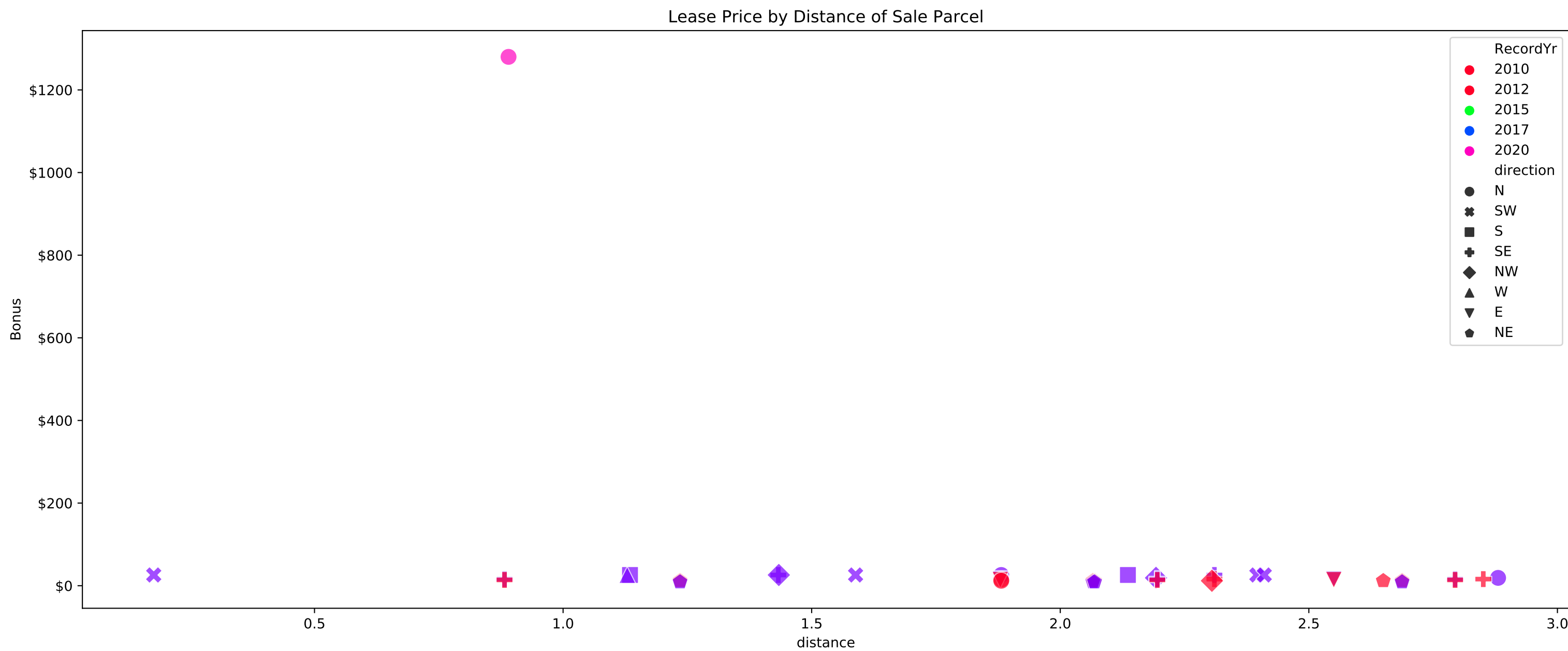
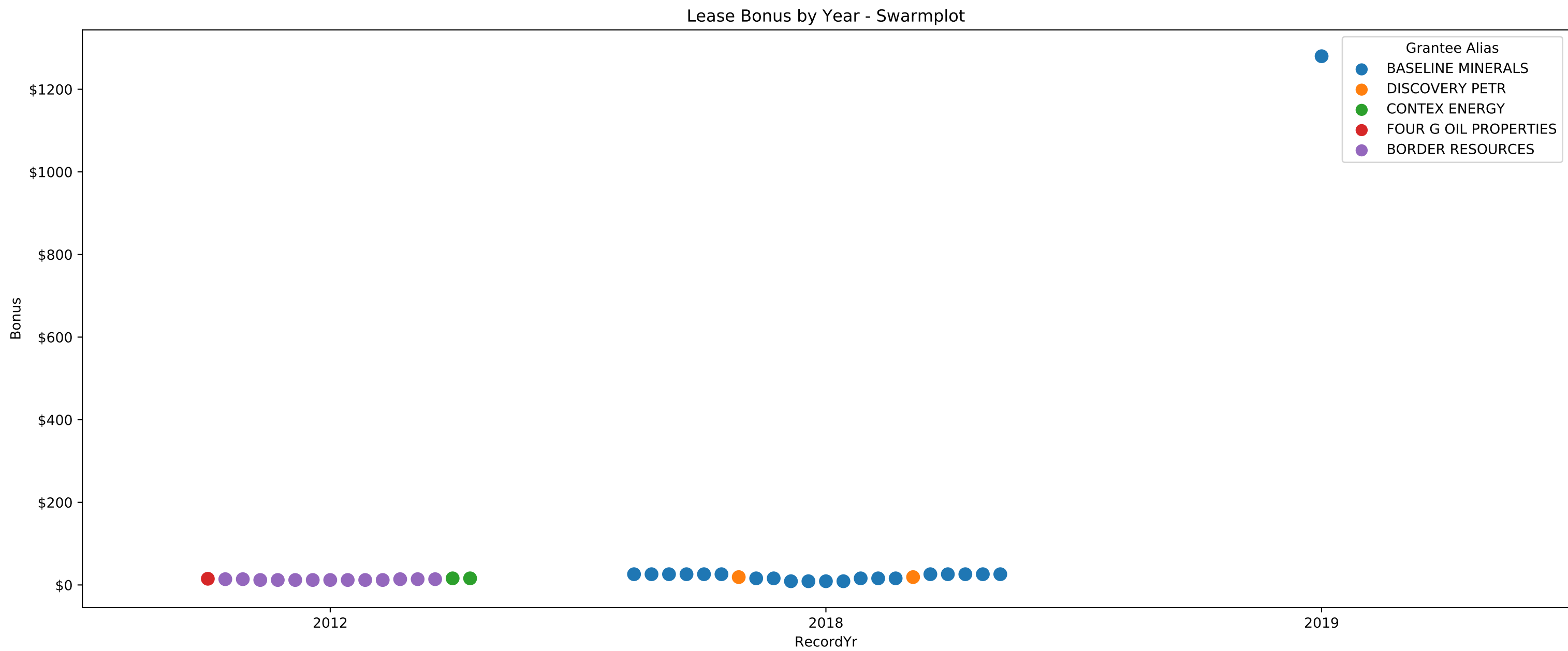




# Old Production Outside of Tract 36 - 3 Mi Radius

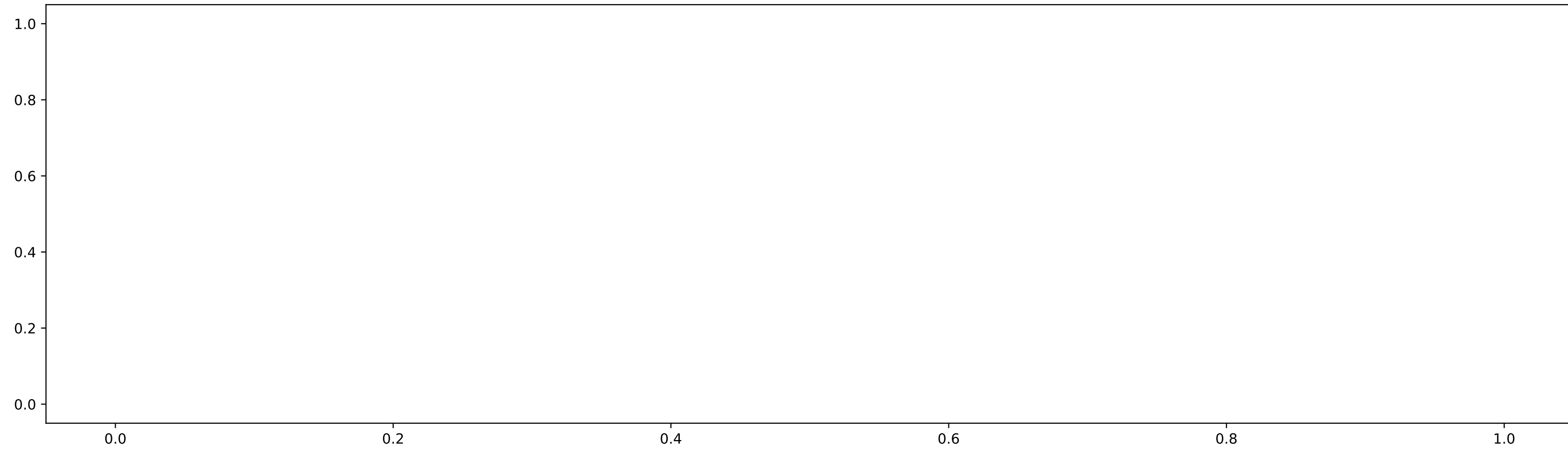


Lease Summary for tract 96  
Total Number of Leases: 39  
Average Price \$1280/acre in 2019

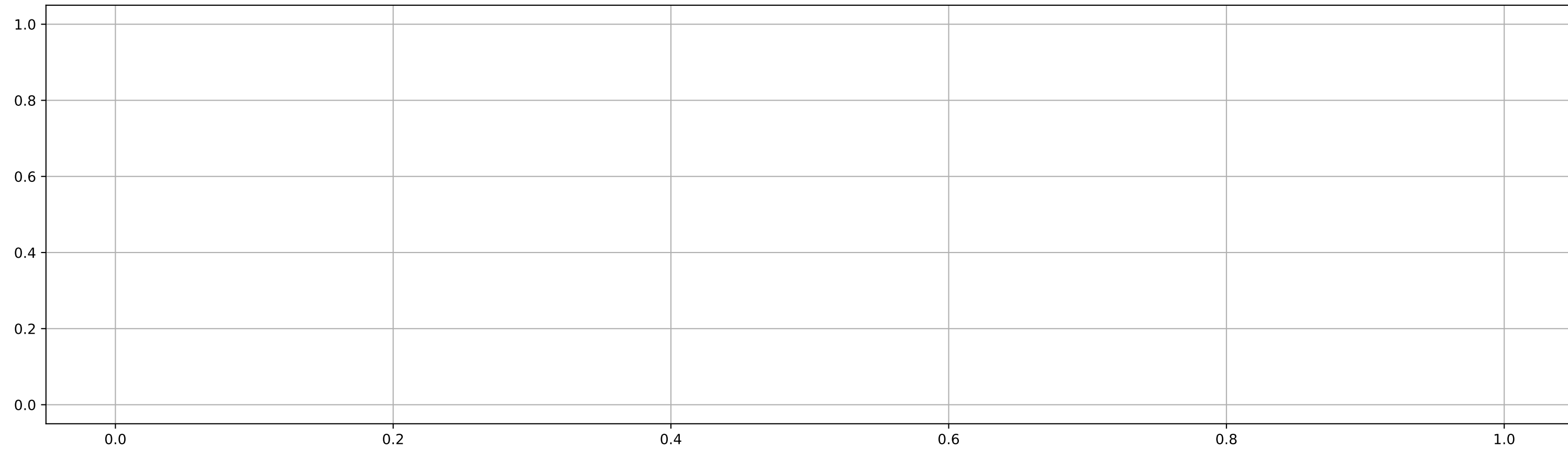


# Old Production Outside of Tract 96 - 3 Mi Radius

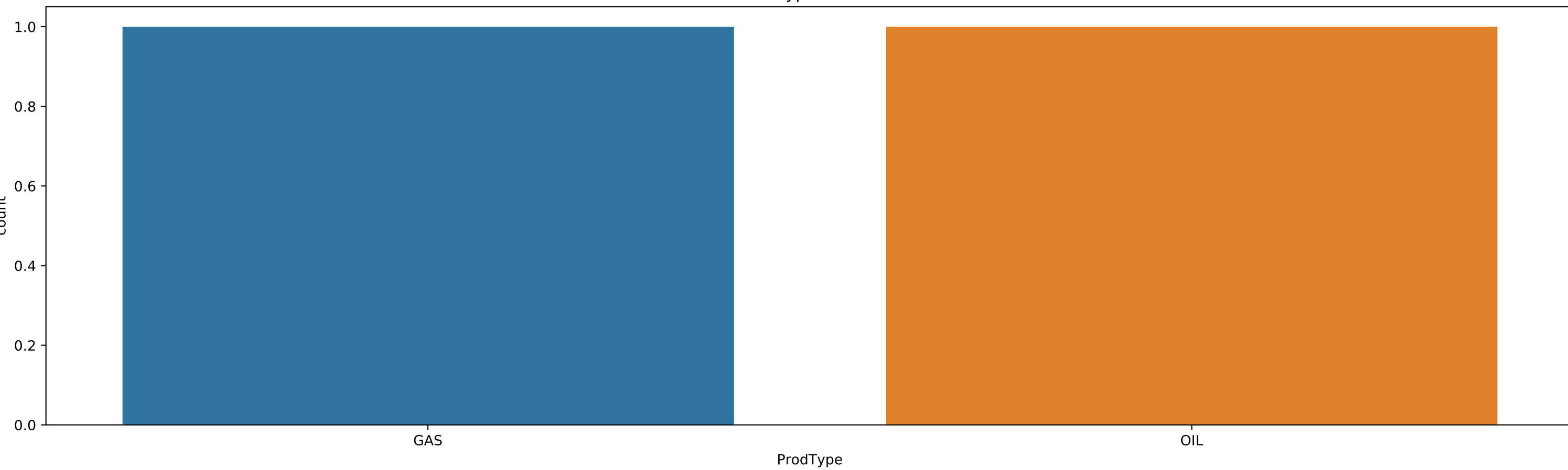
Cumulative Oil vs. Months Produced



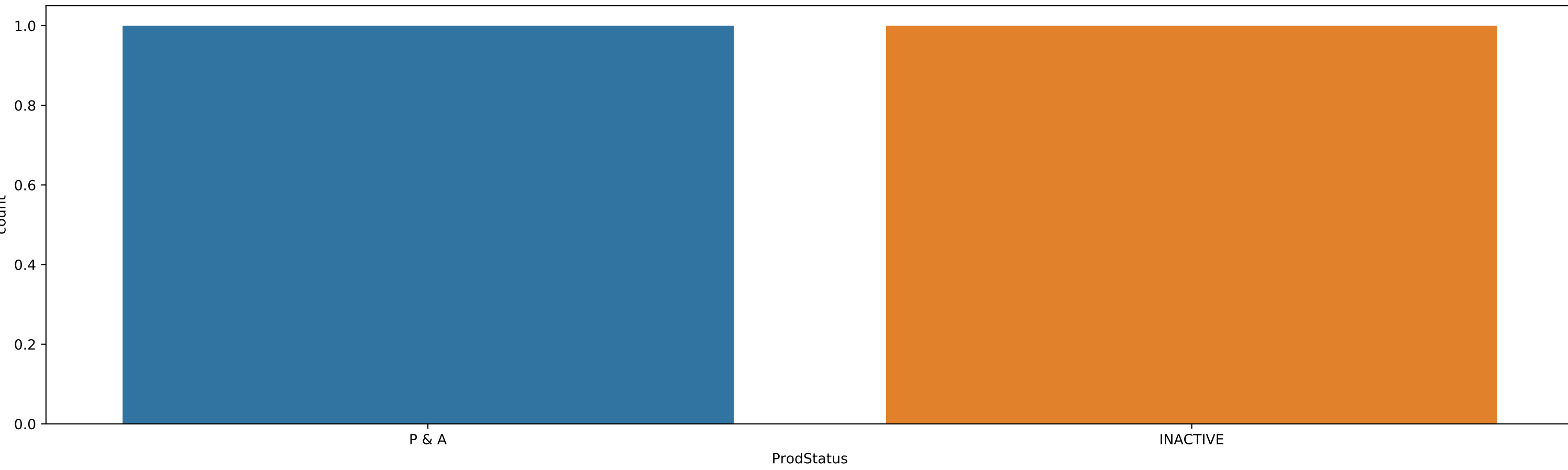
Cumulative Gas vs. Months Produced



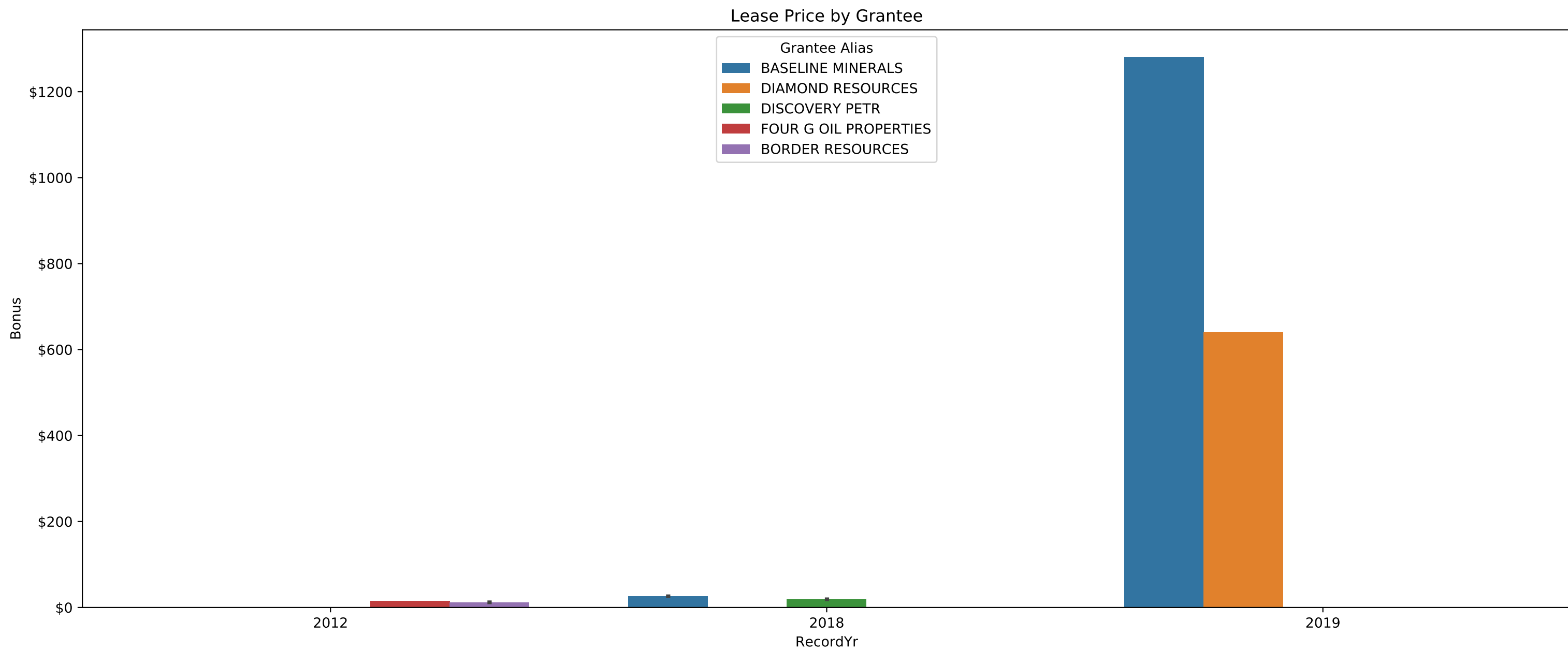
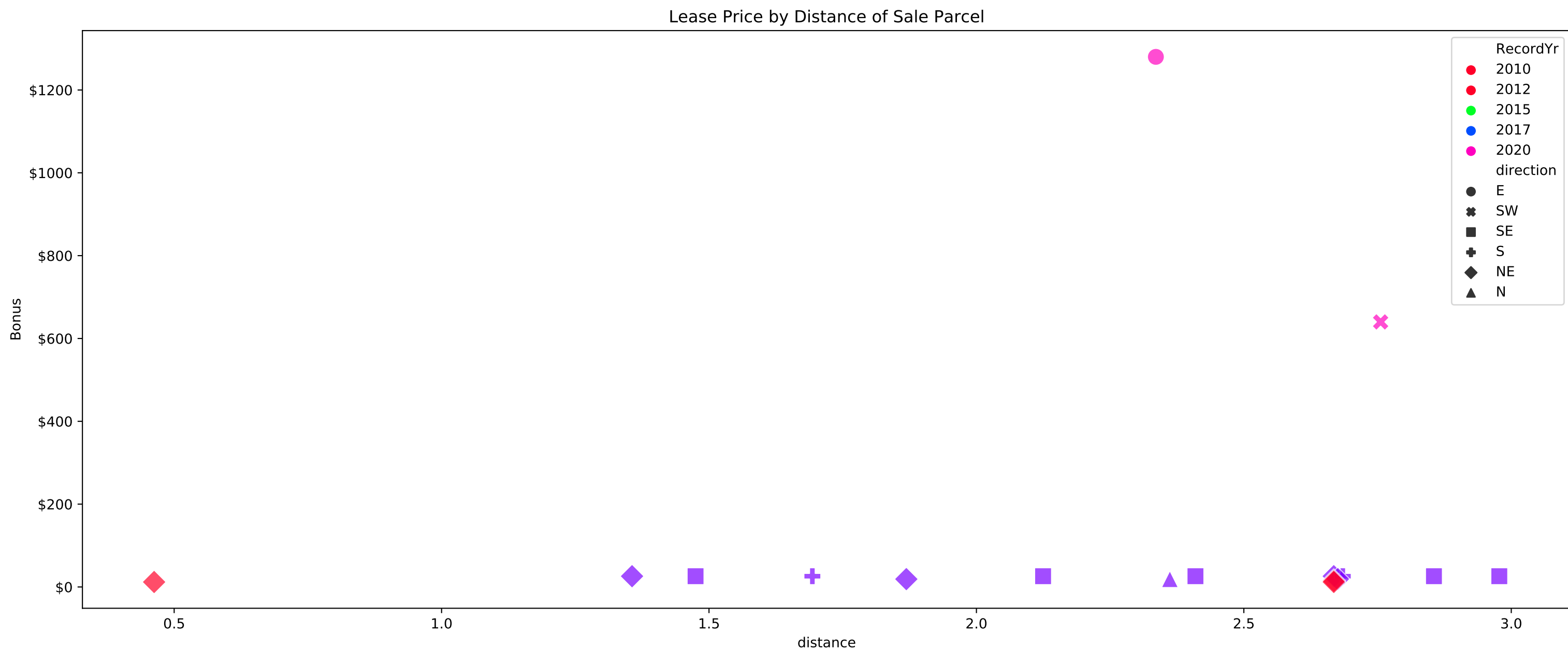
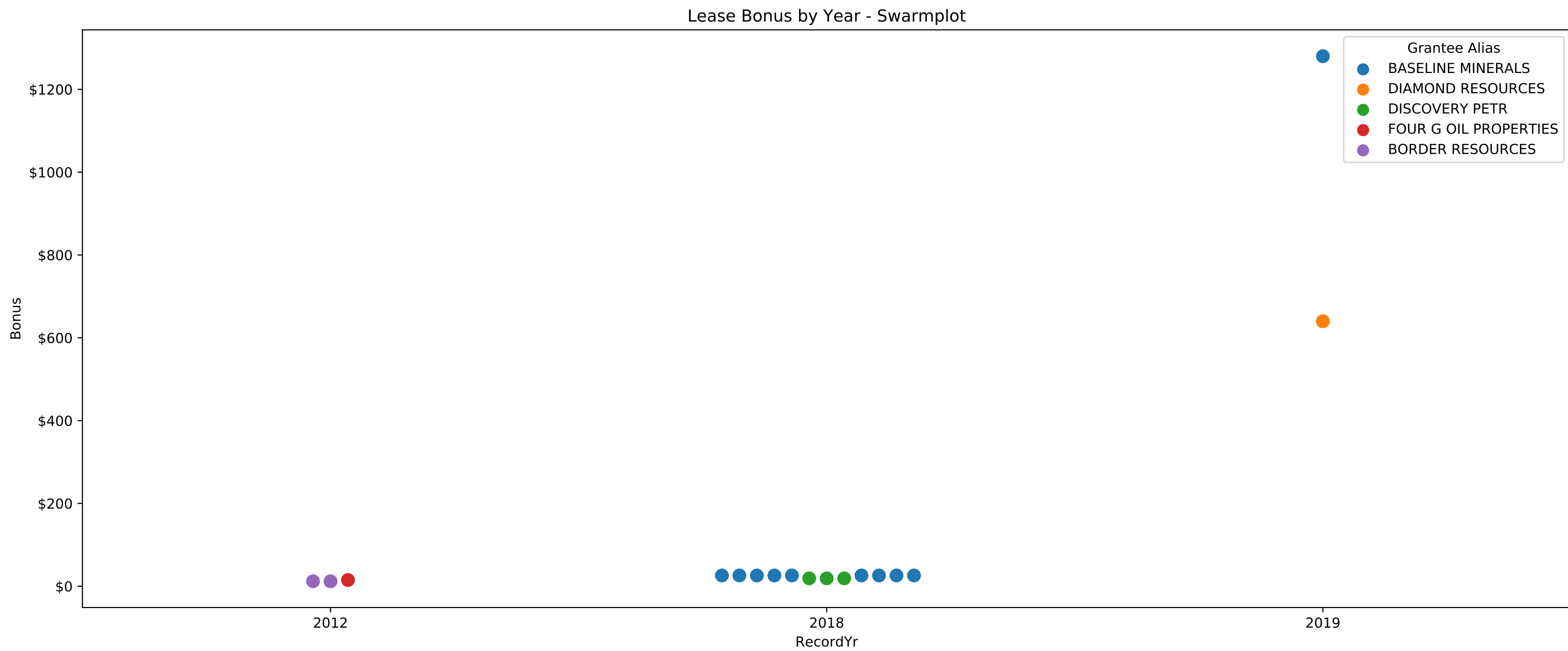
Production Types Around Tract



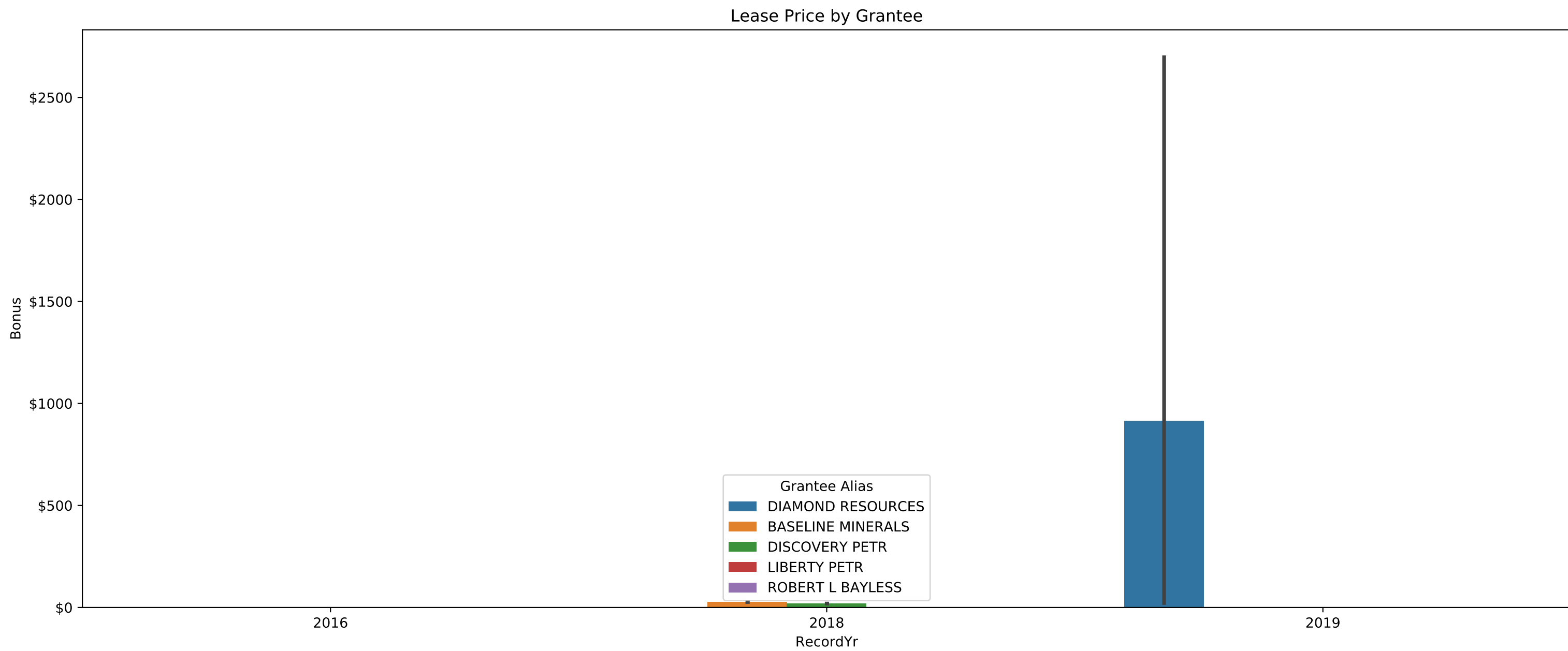
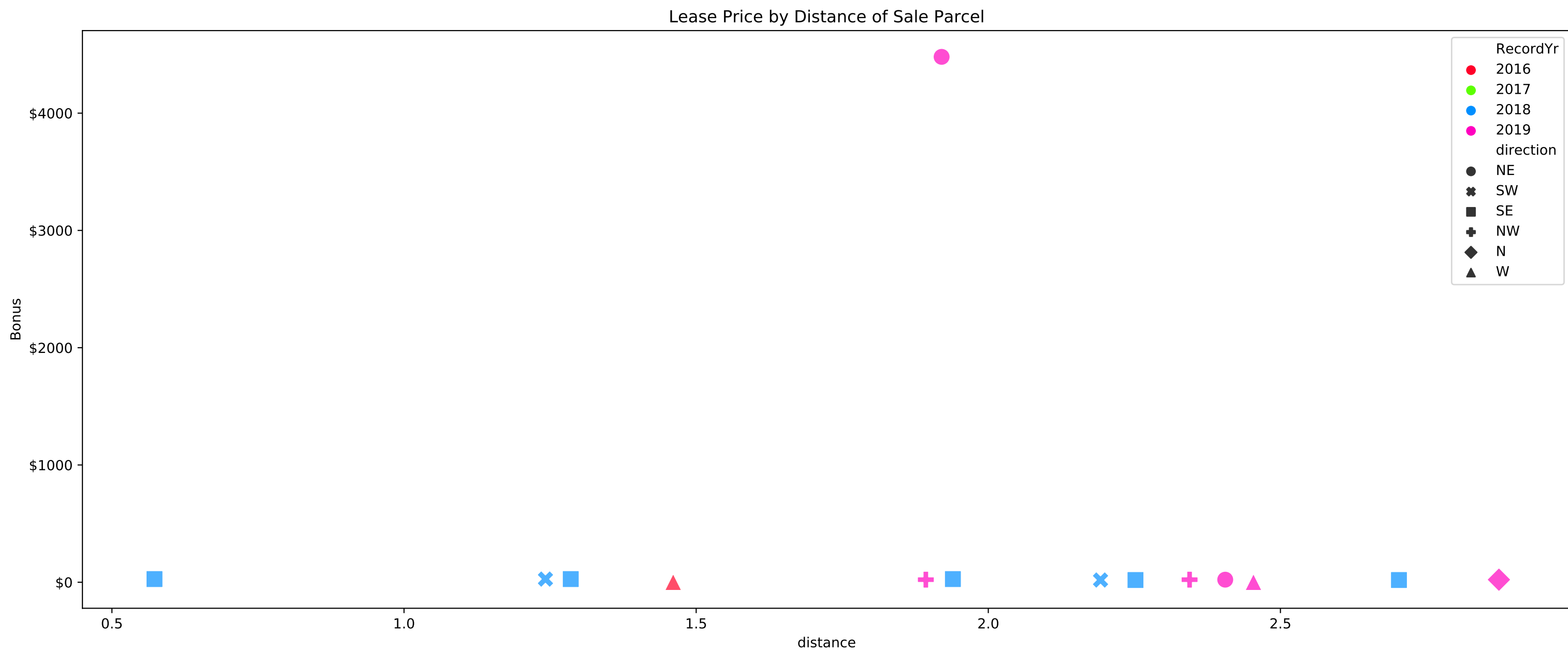
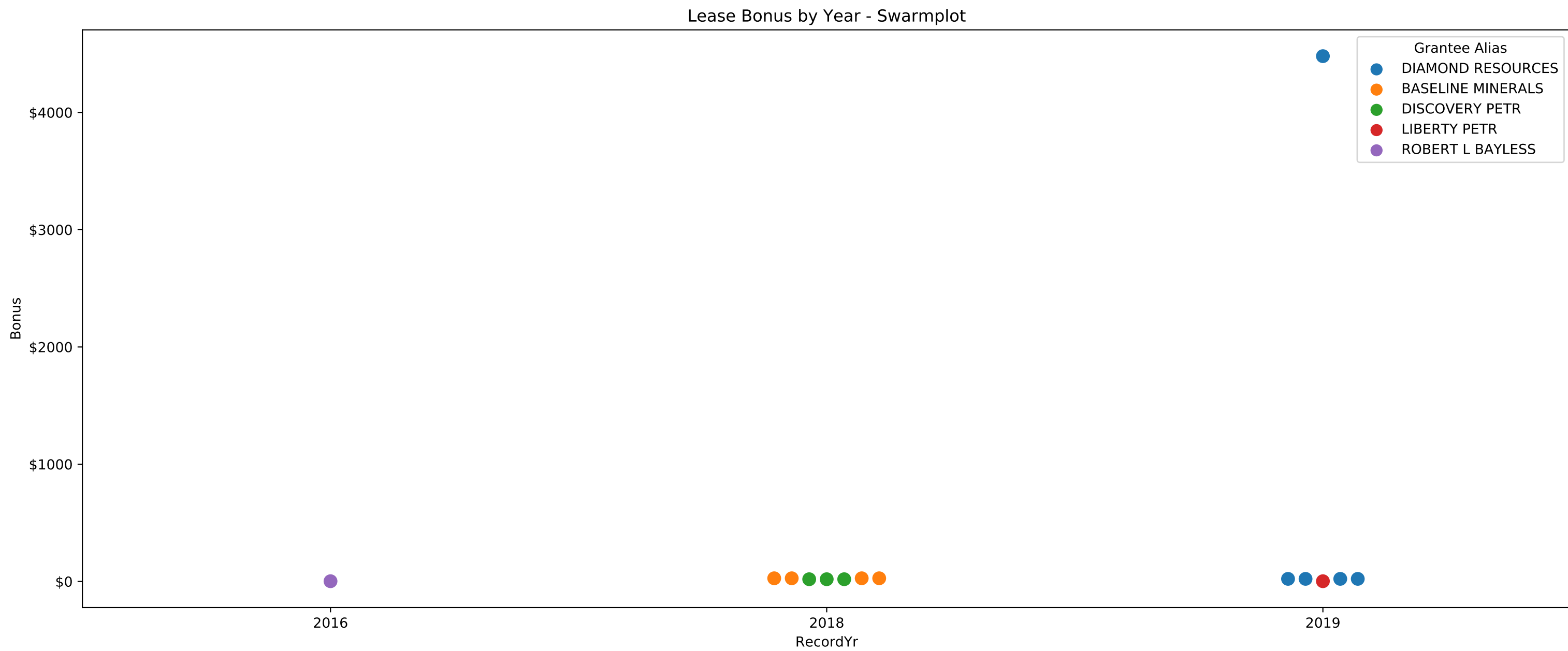
Status of Wells



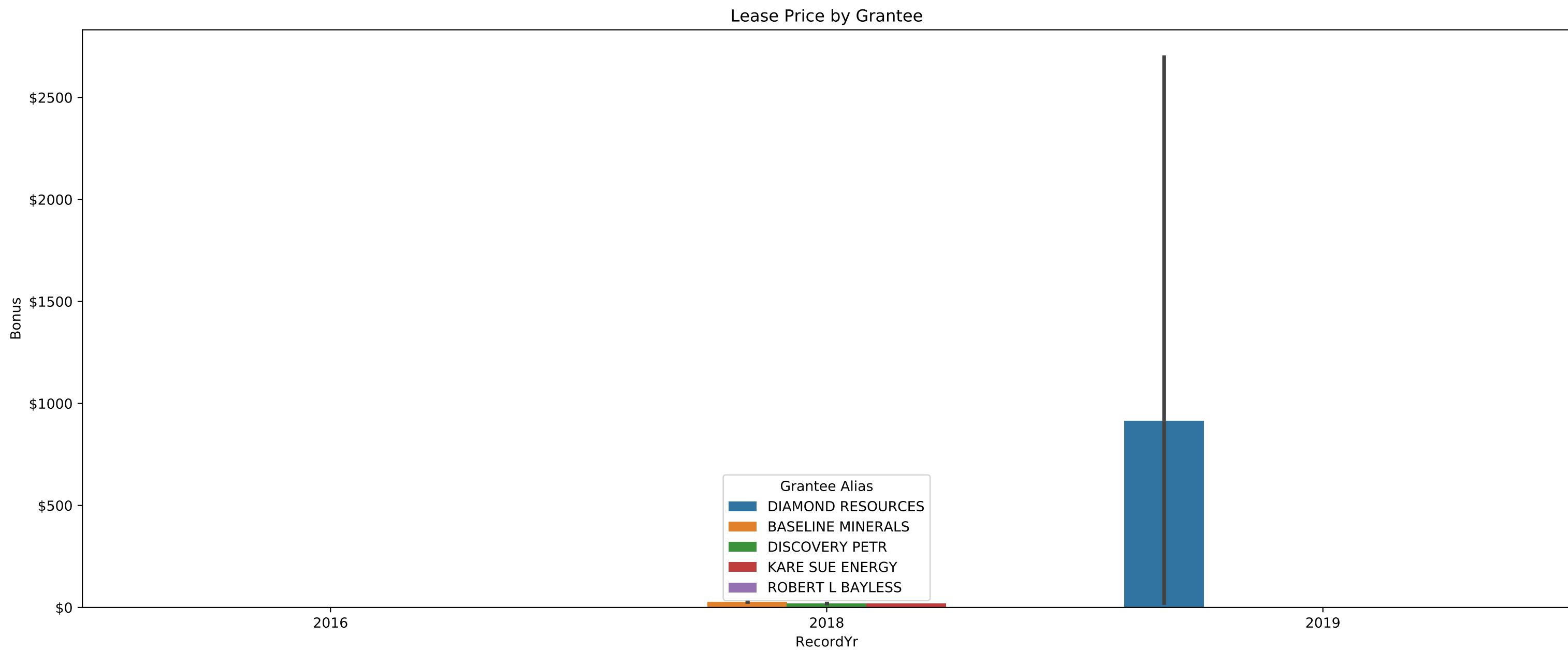
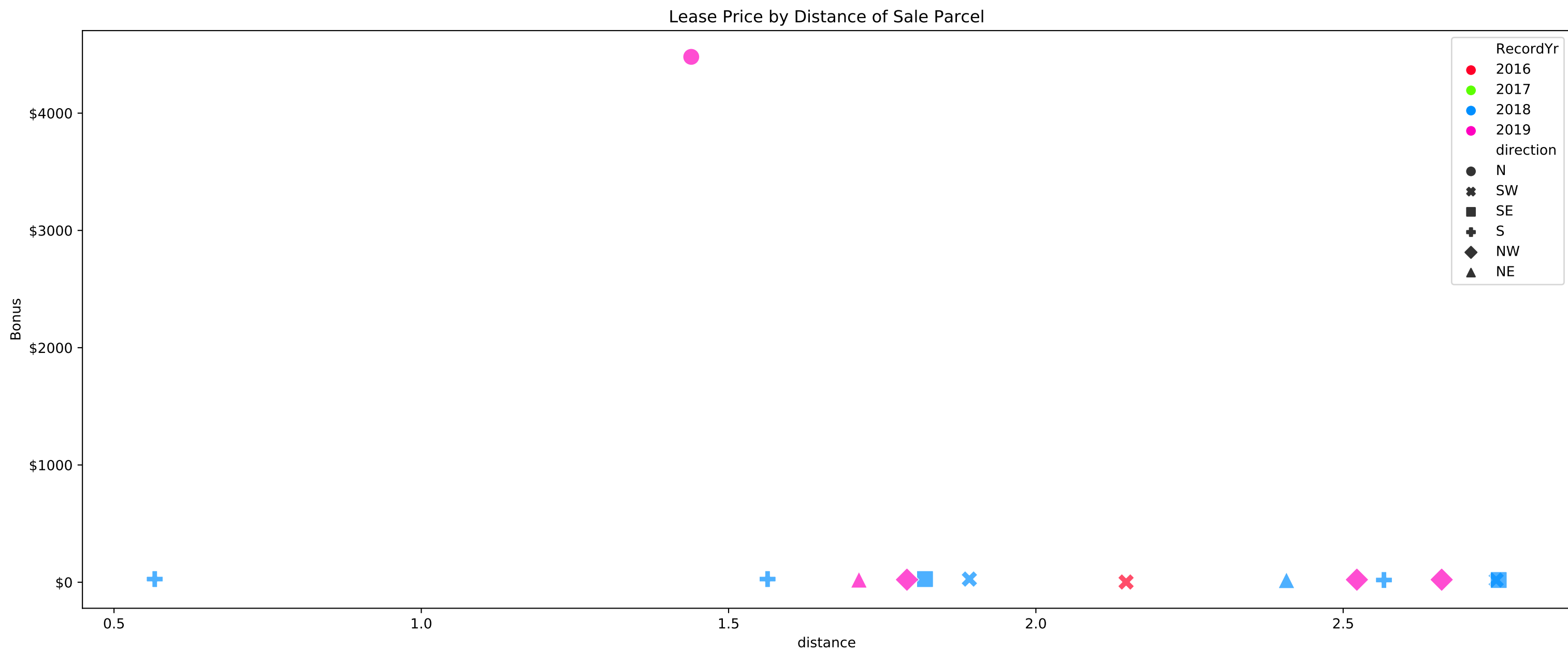
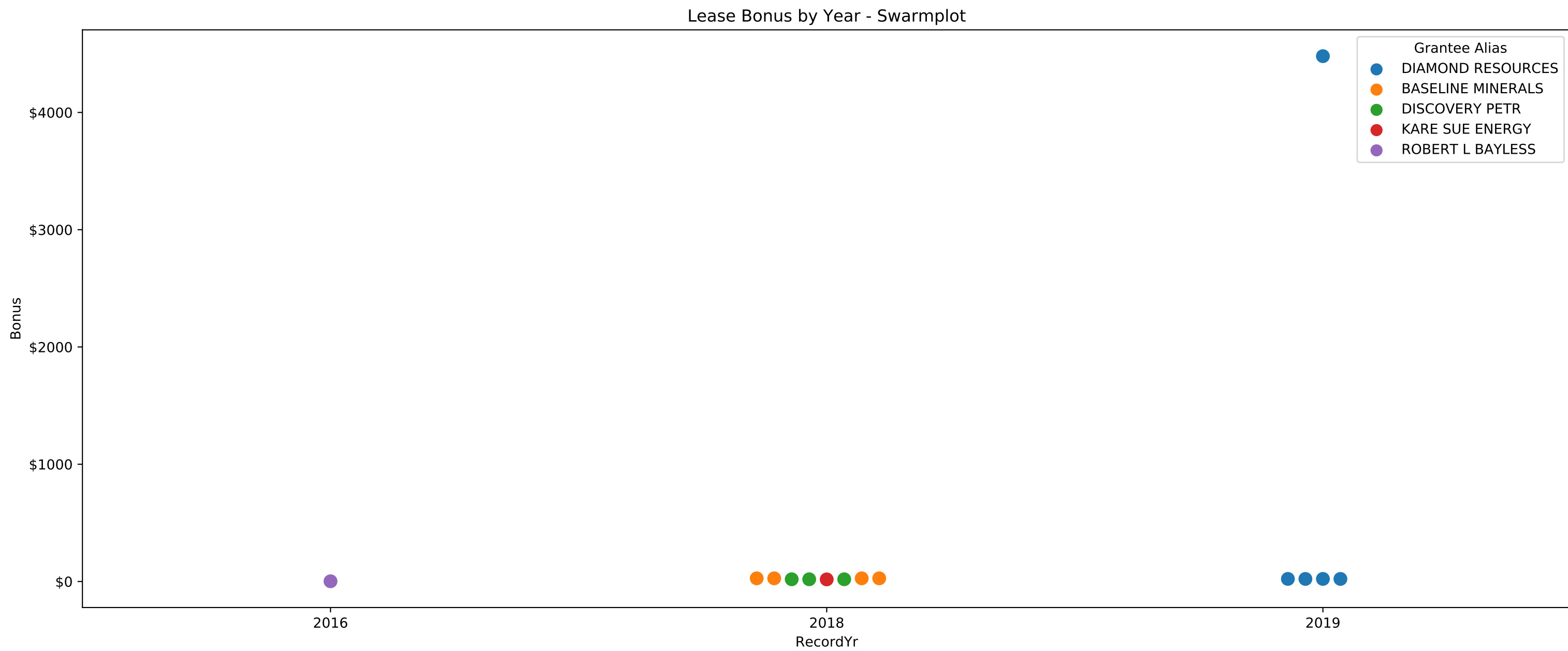
Lease Summary for tract 97  
Total Number of Leases: 17  
Average Price \$960/acre in 2019



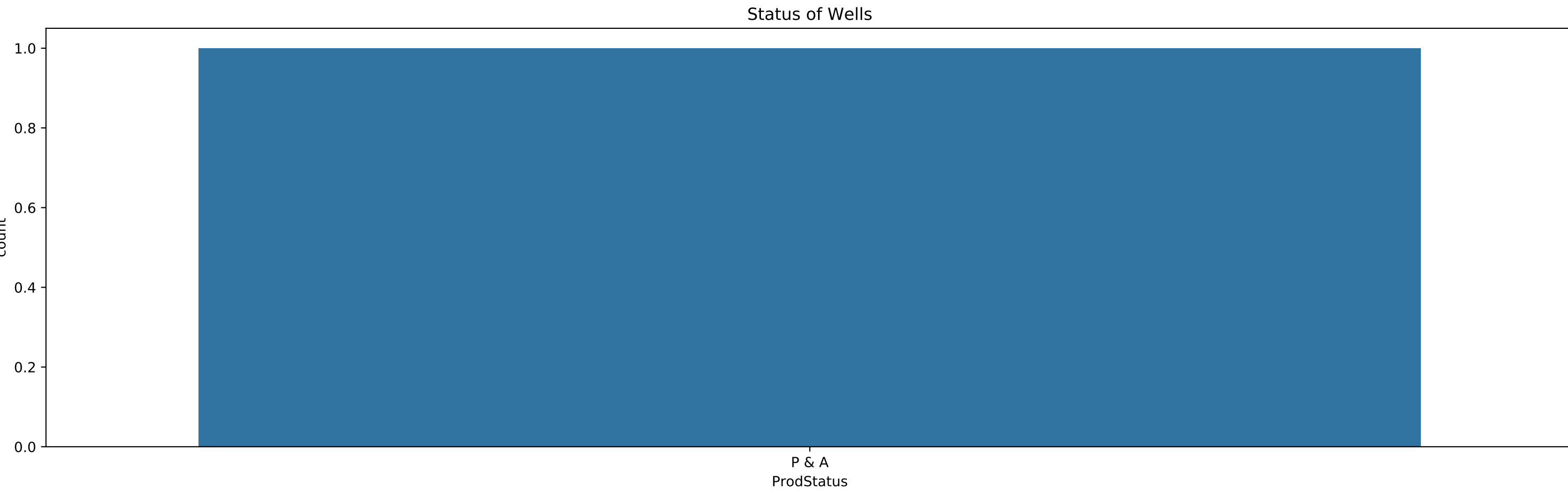
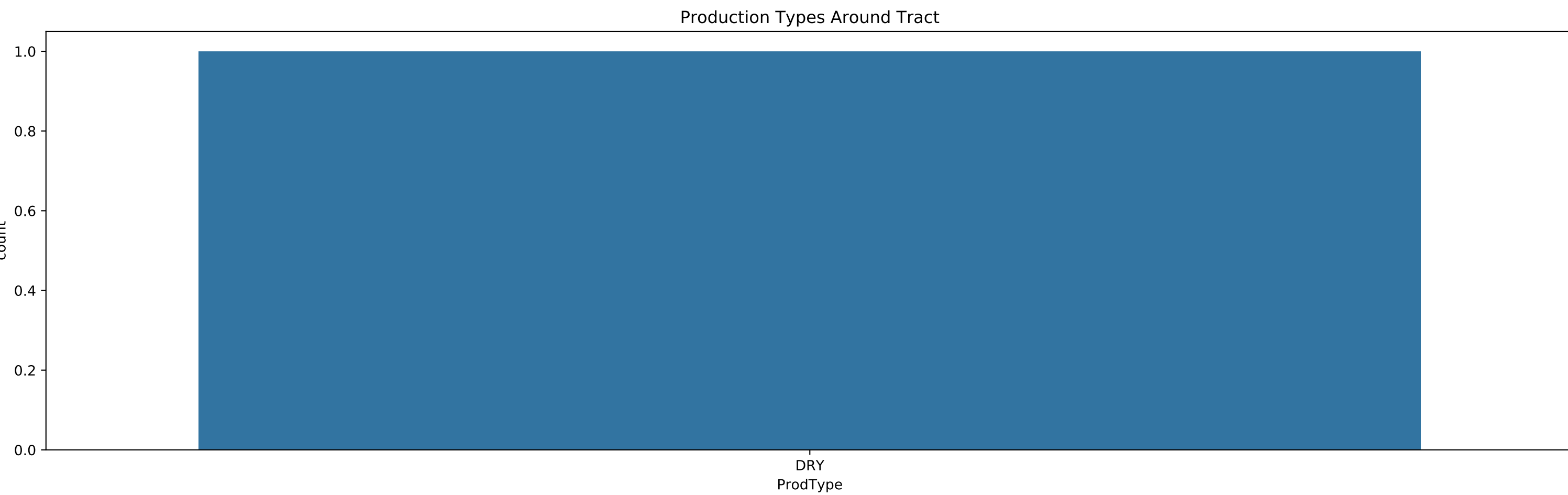
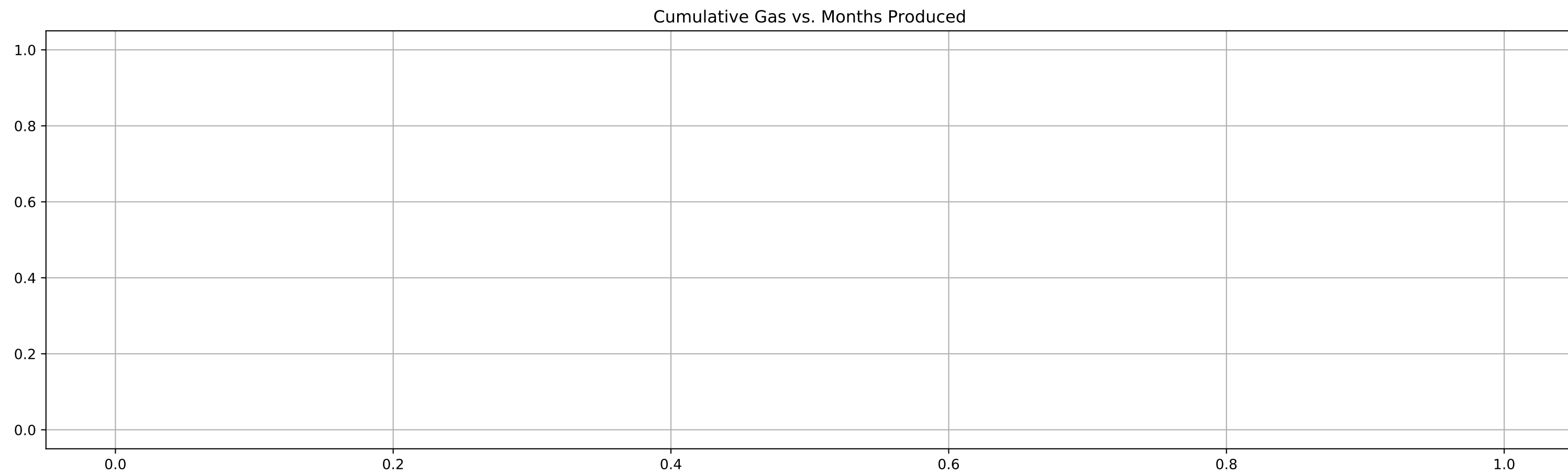
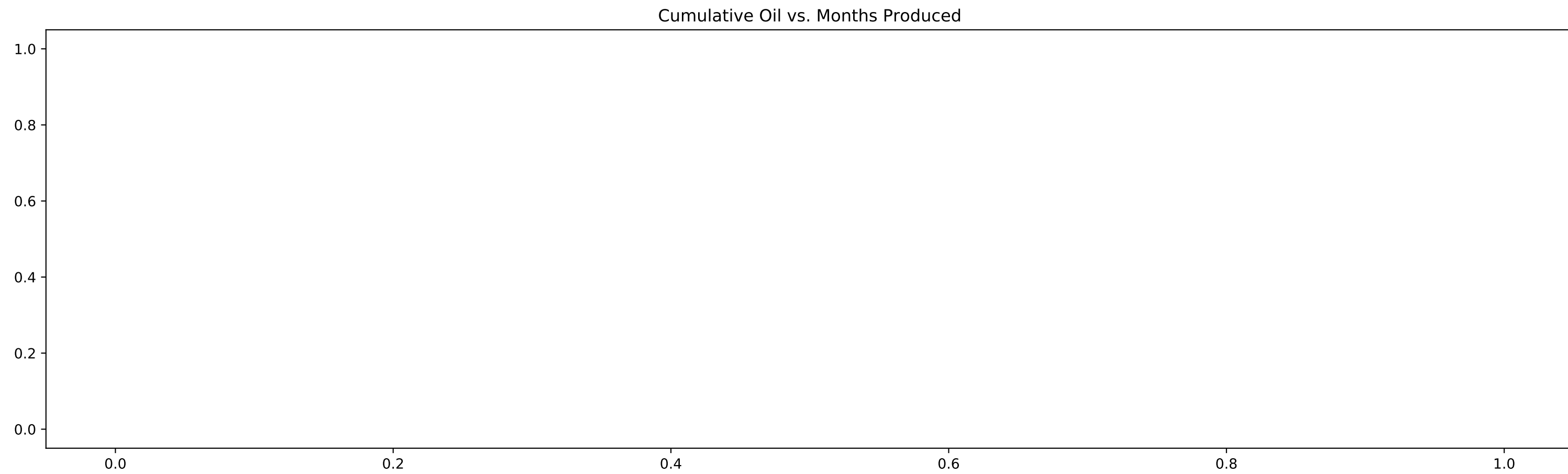
Lease Summary for tract 131  
Total Number of Leases: 14  
Average Price \$762/acre in 2019



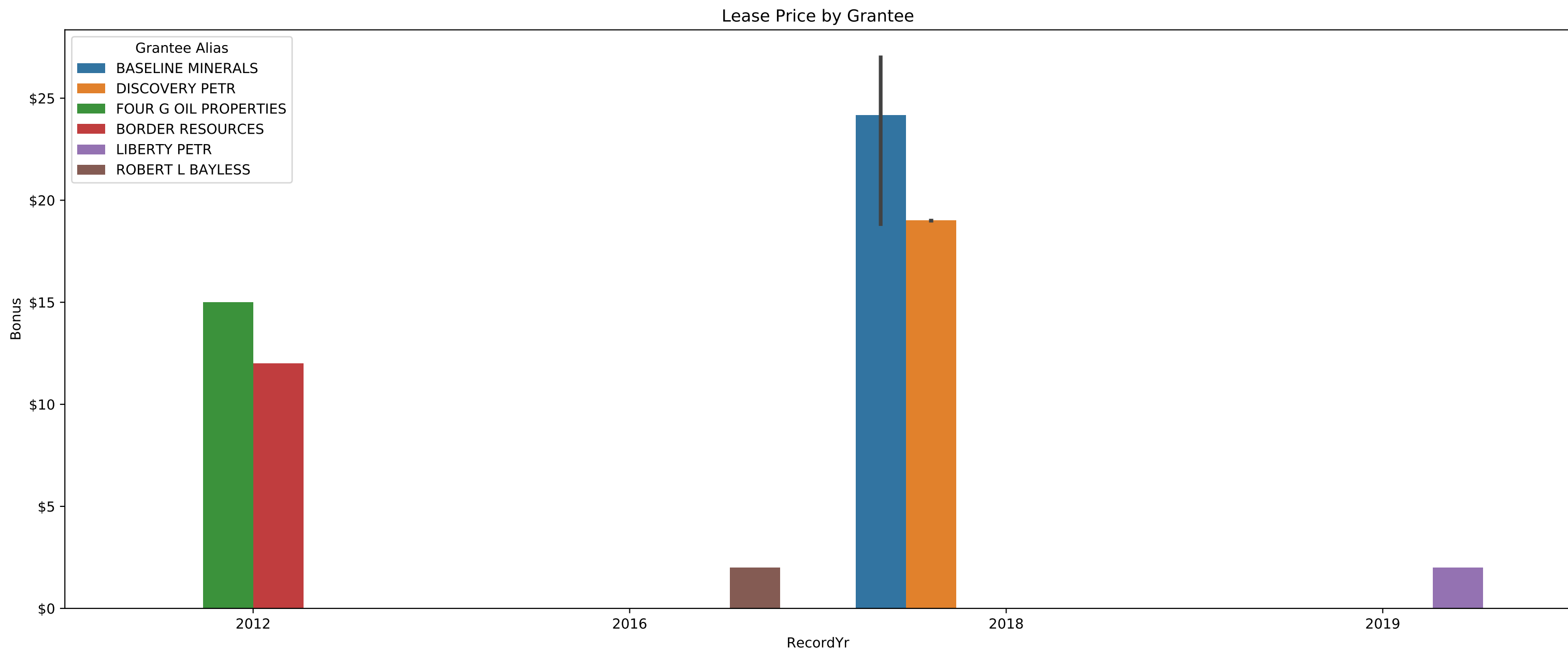
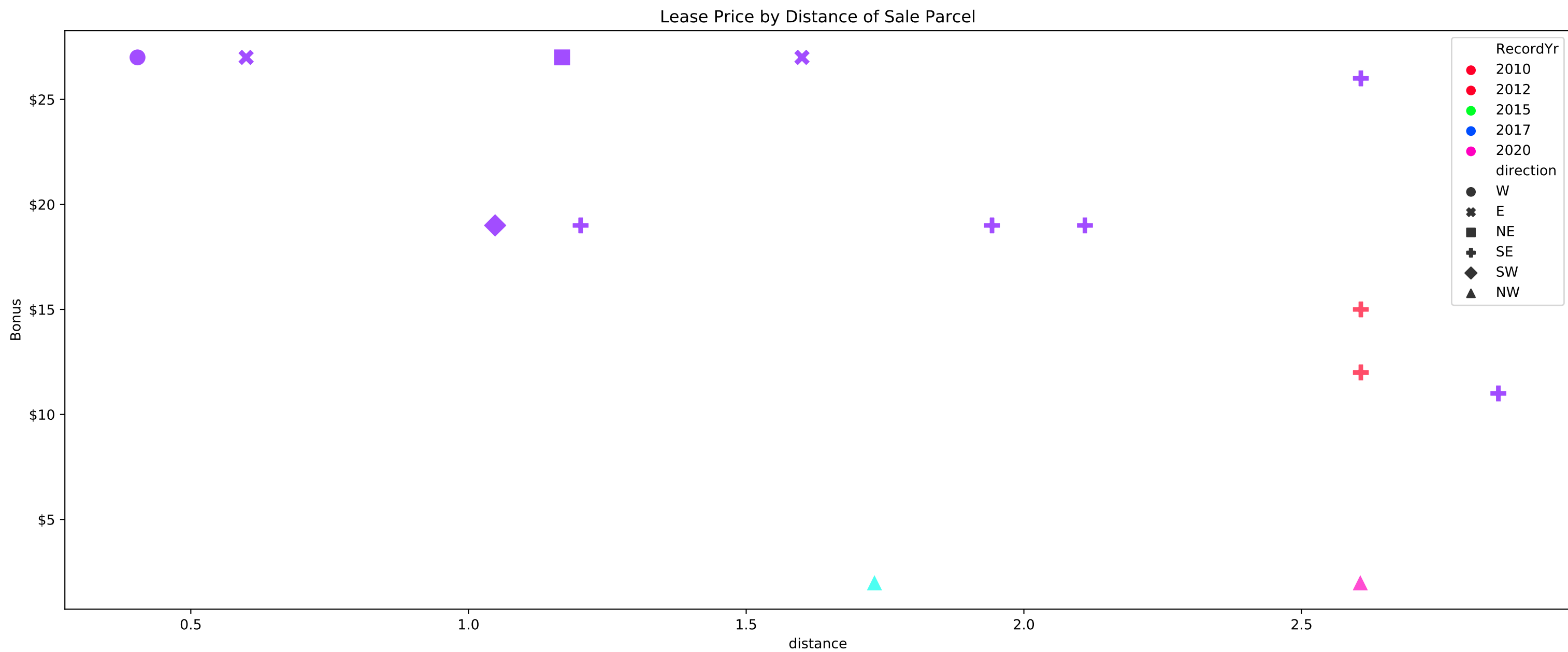
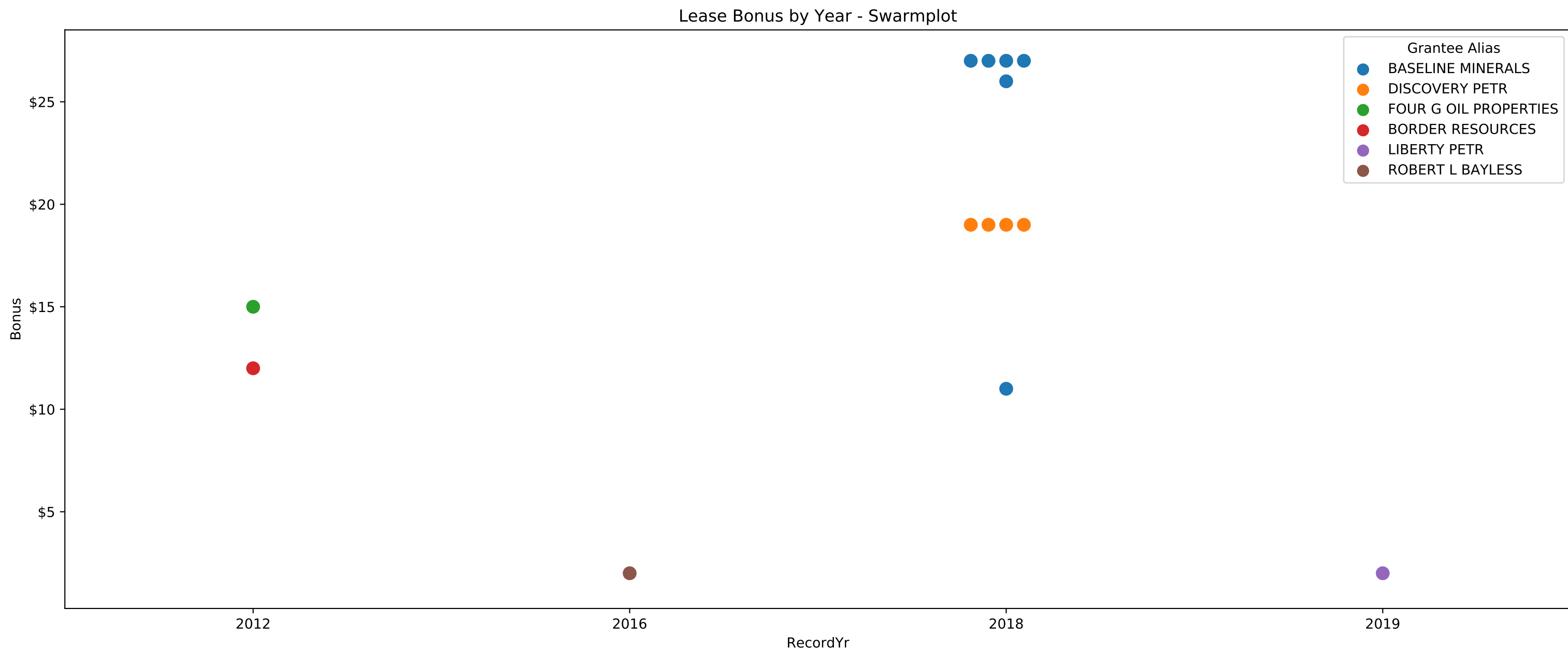
Lease Summary for tract 132  
Total Number of Leases: 14  
Average Price \$914/acre in 2019



# Old Production Outside of Tract 132 - 3 Mi Radius

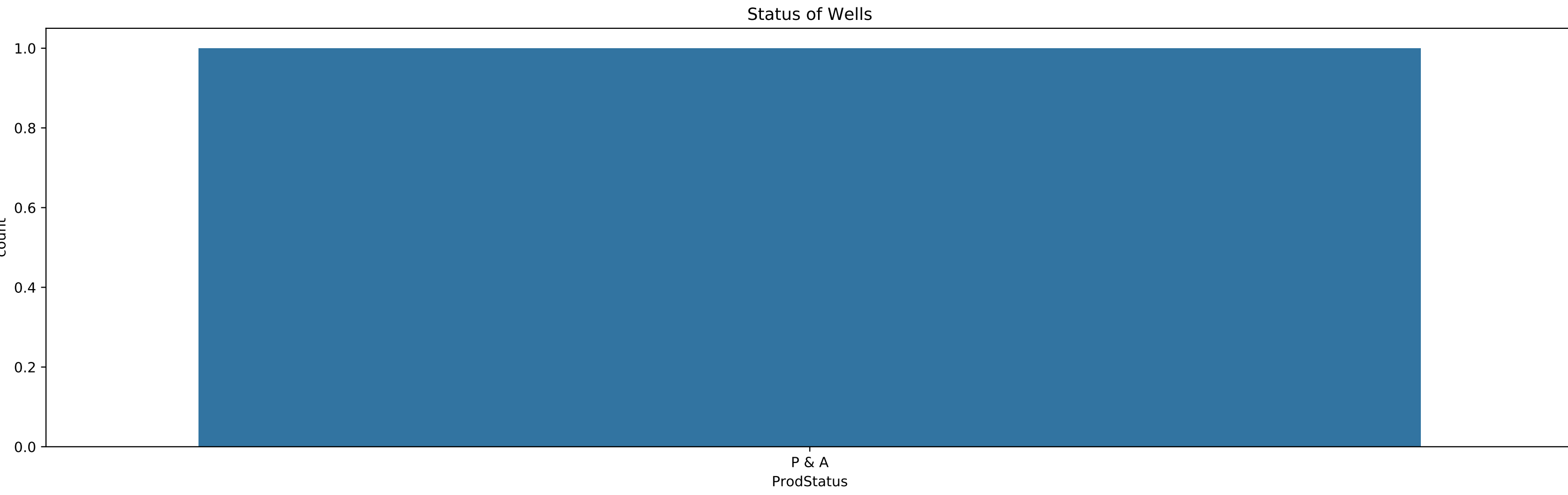
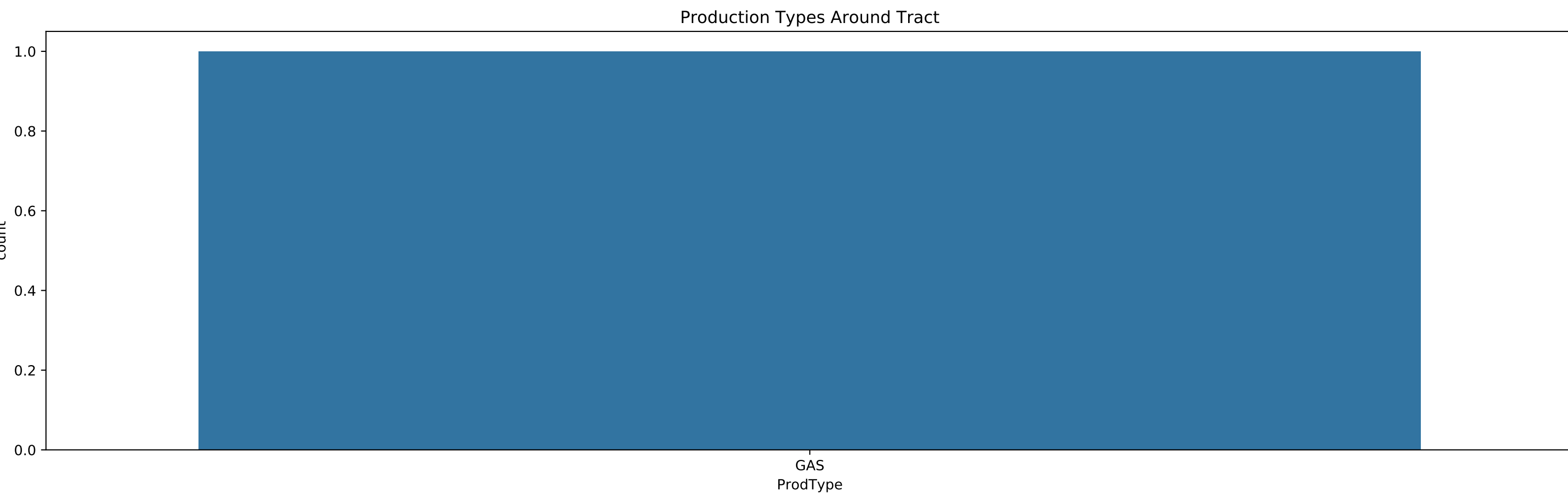
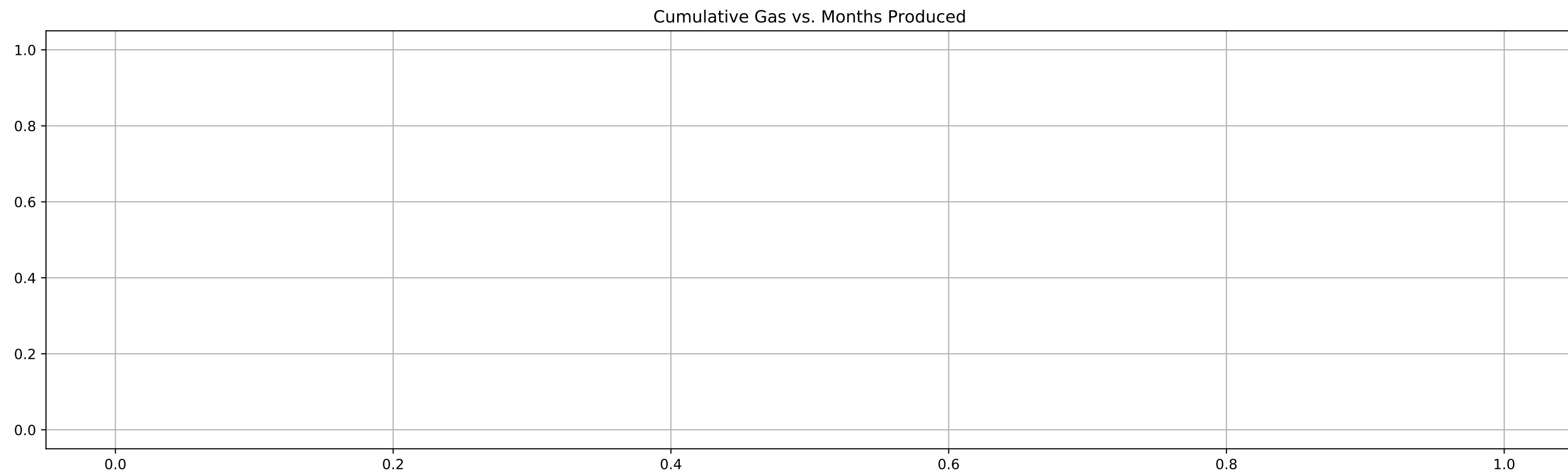
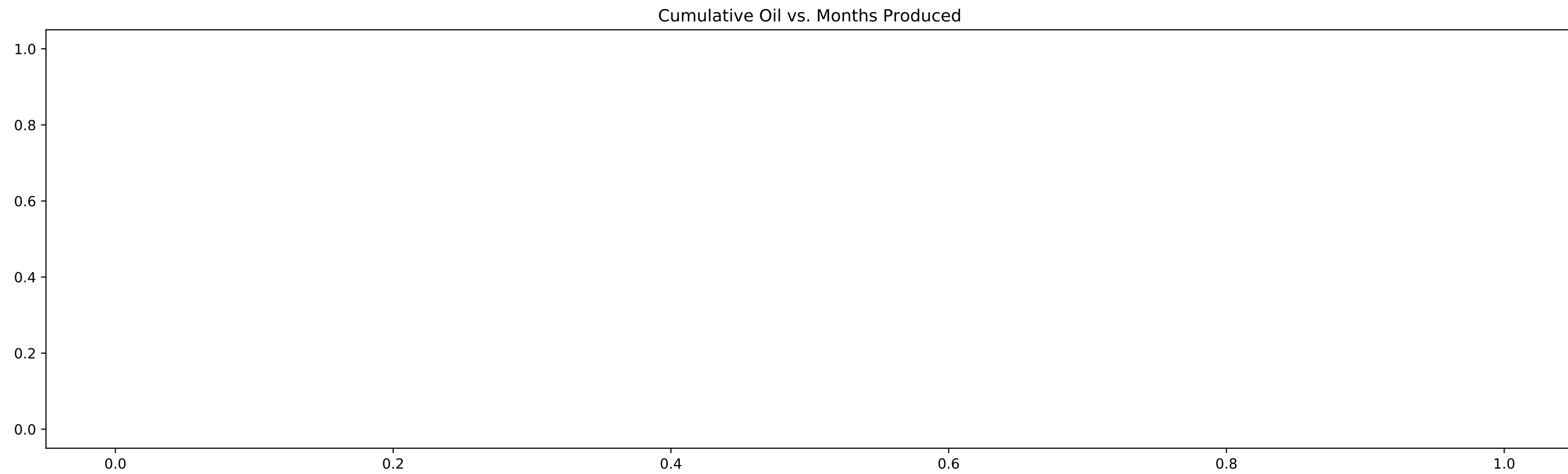


Lease Summary for tract 89  
Total Number of Leases: 14  
Average Price \$2/acre in 2019

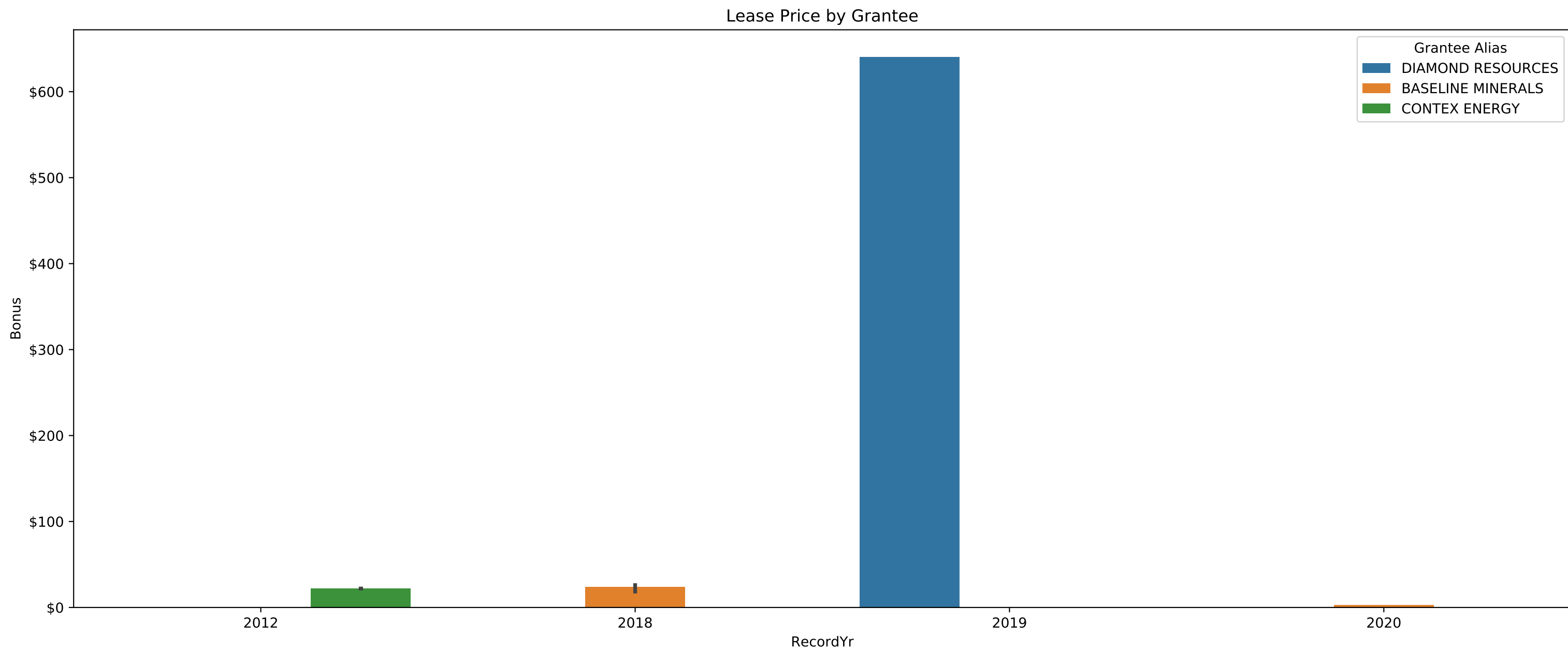
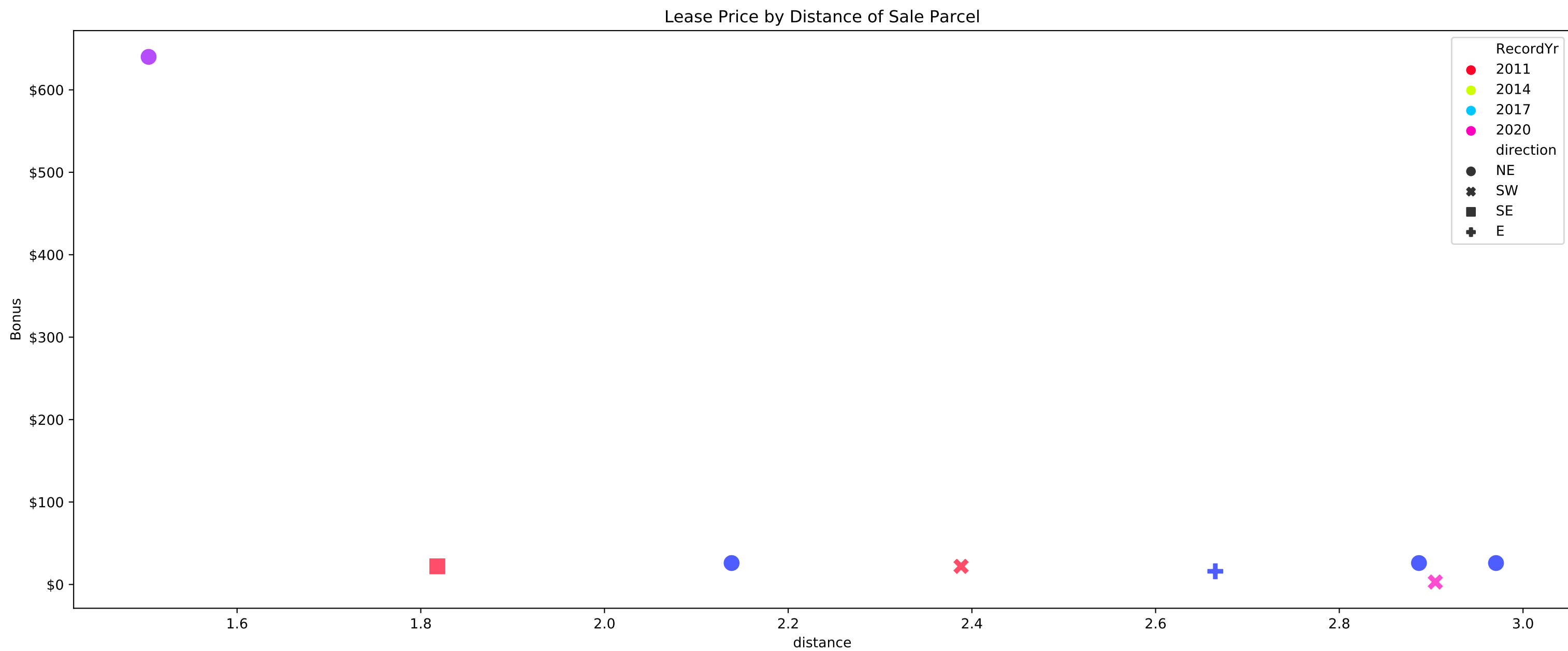
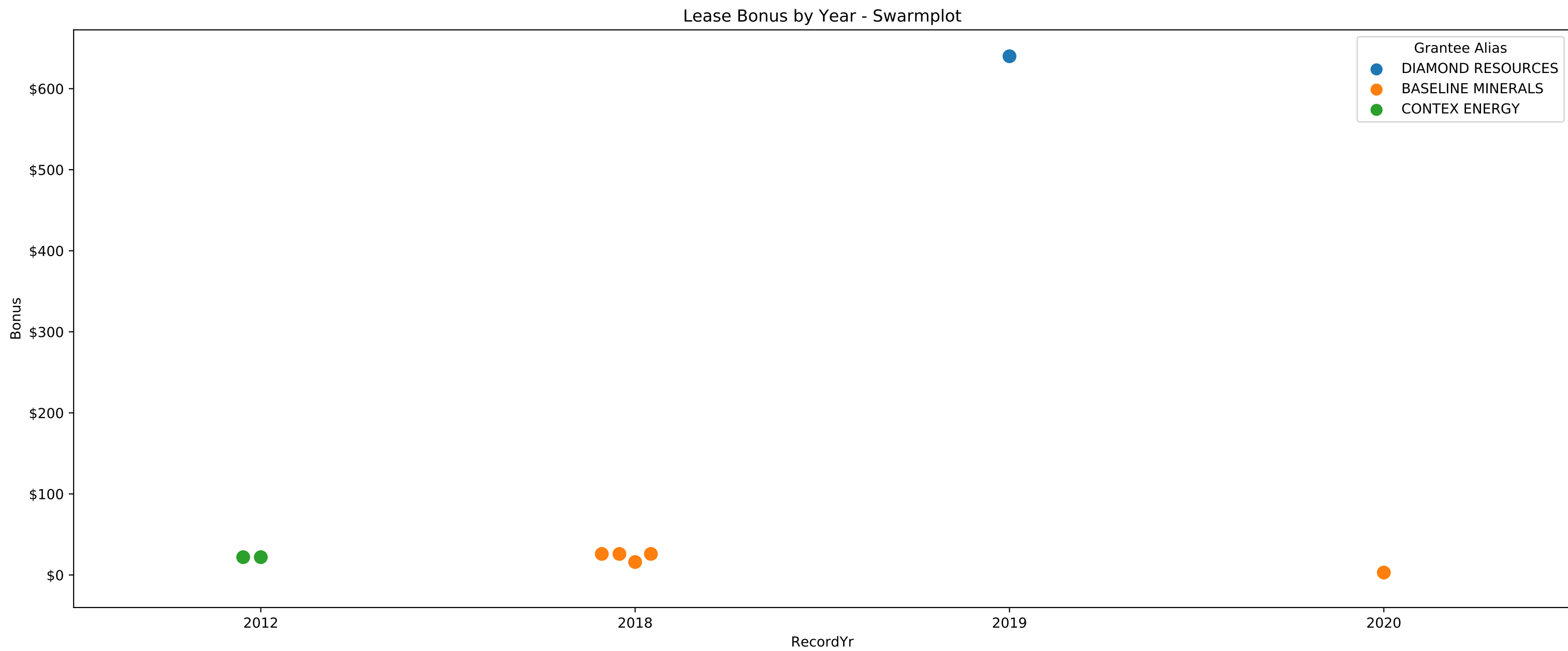




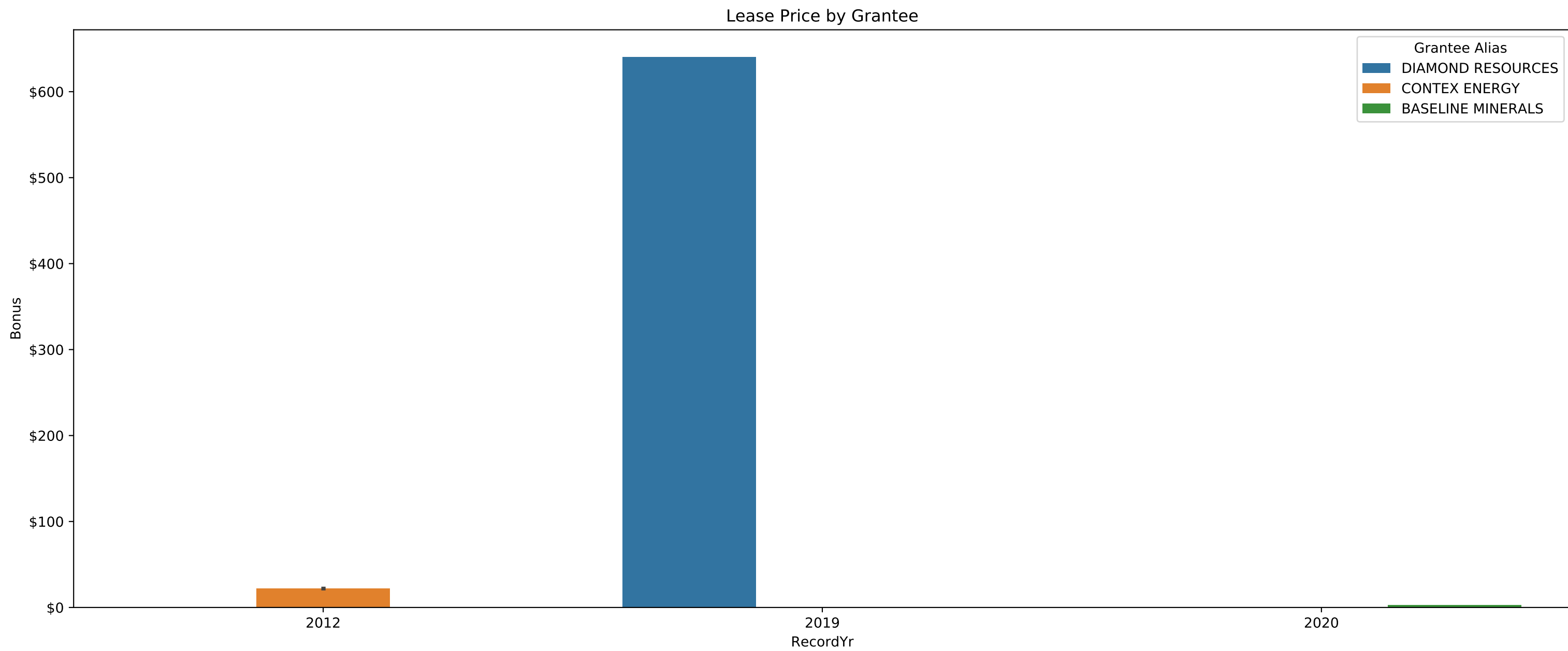
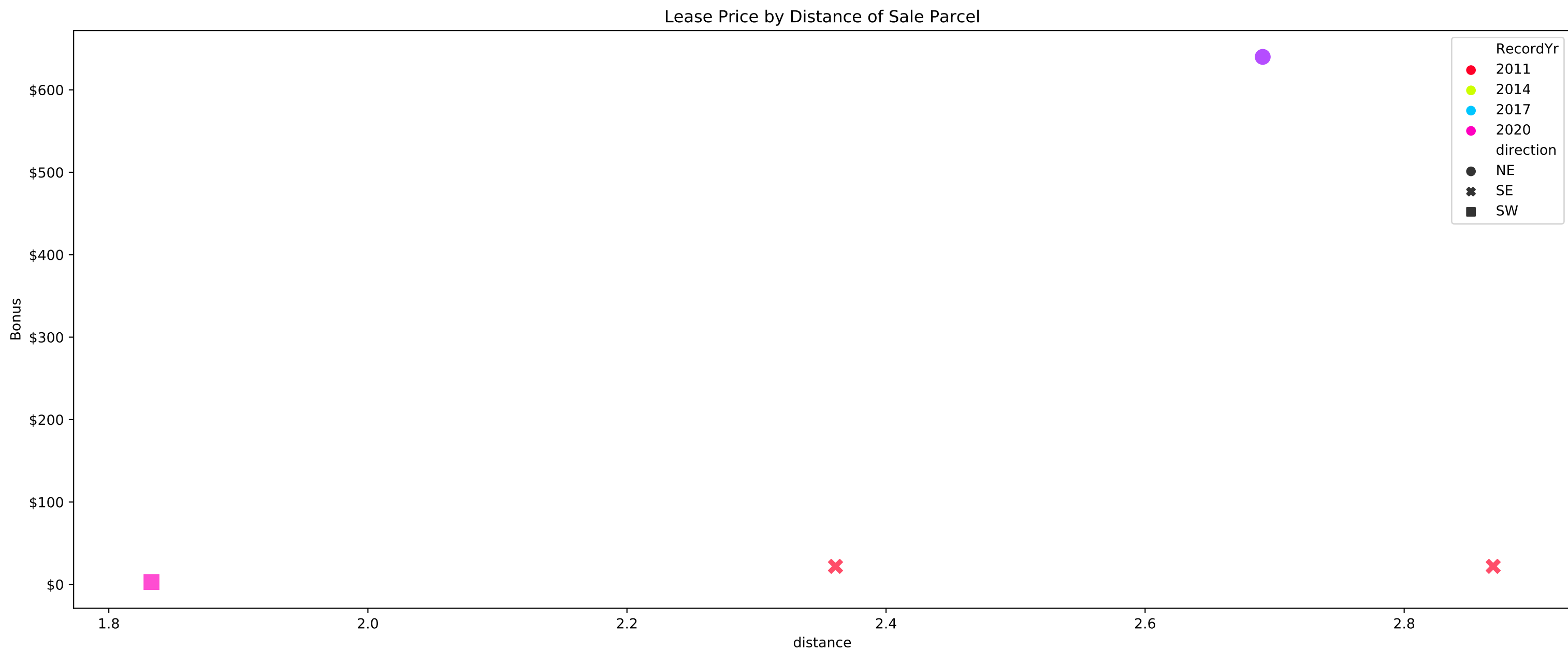
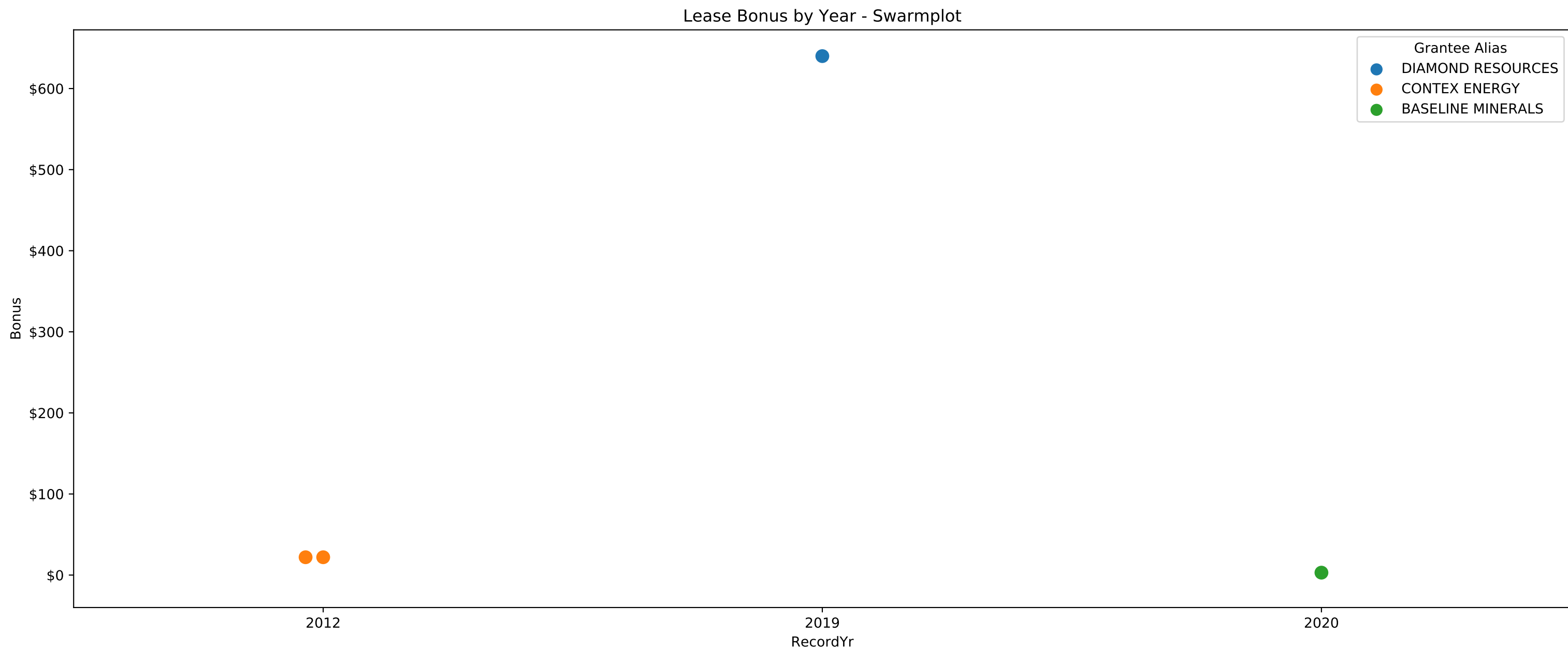
# Old Production Outside of Tract 89 - 3 Mi Radius



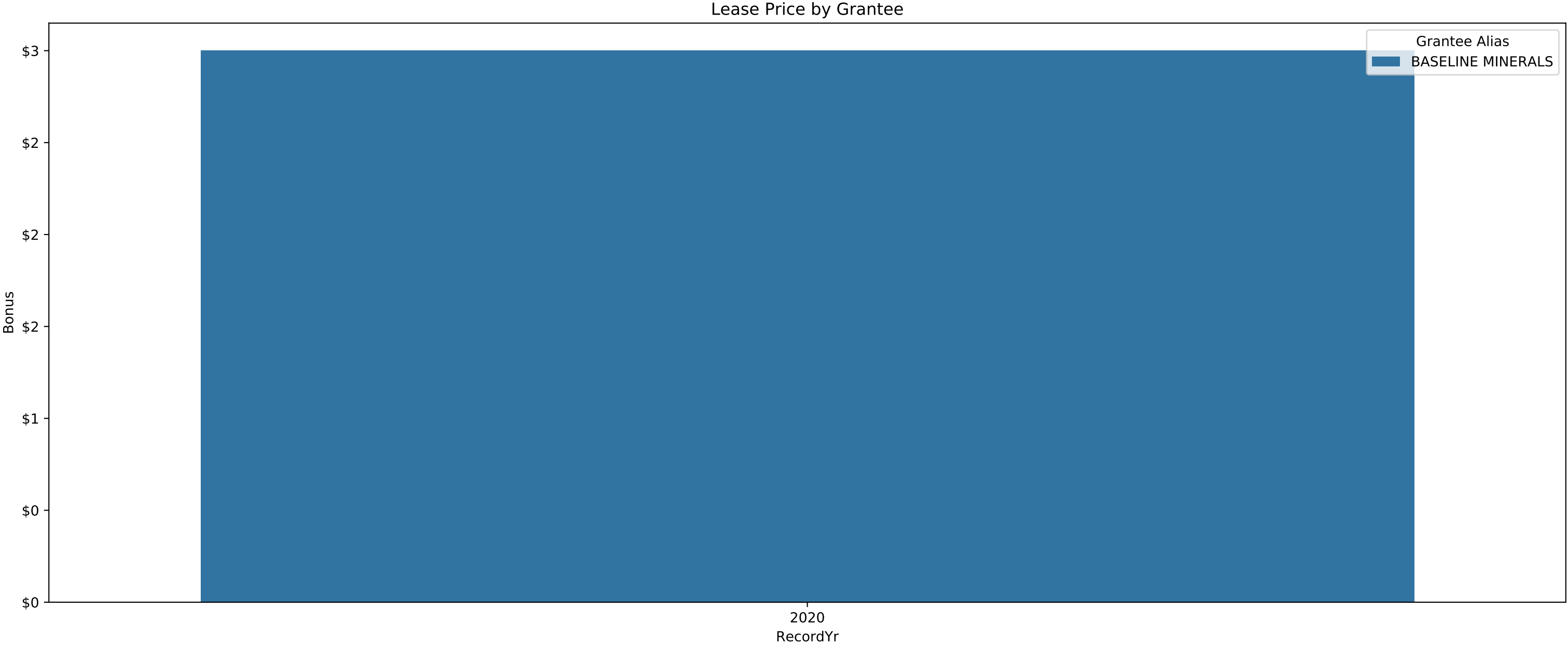
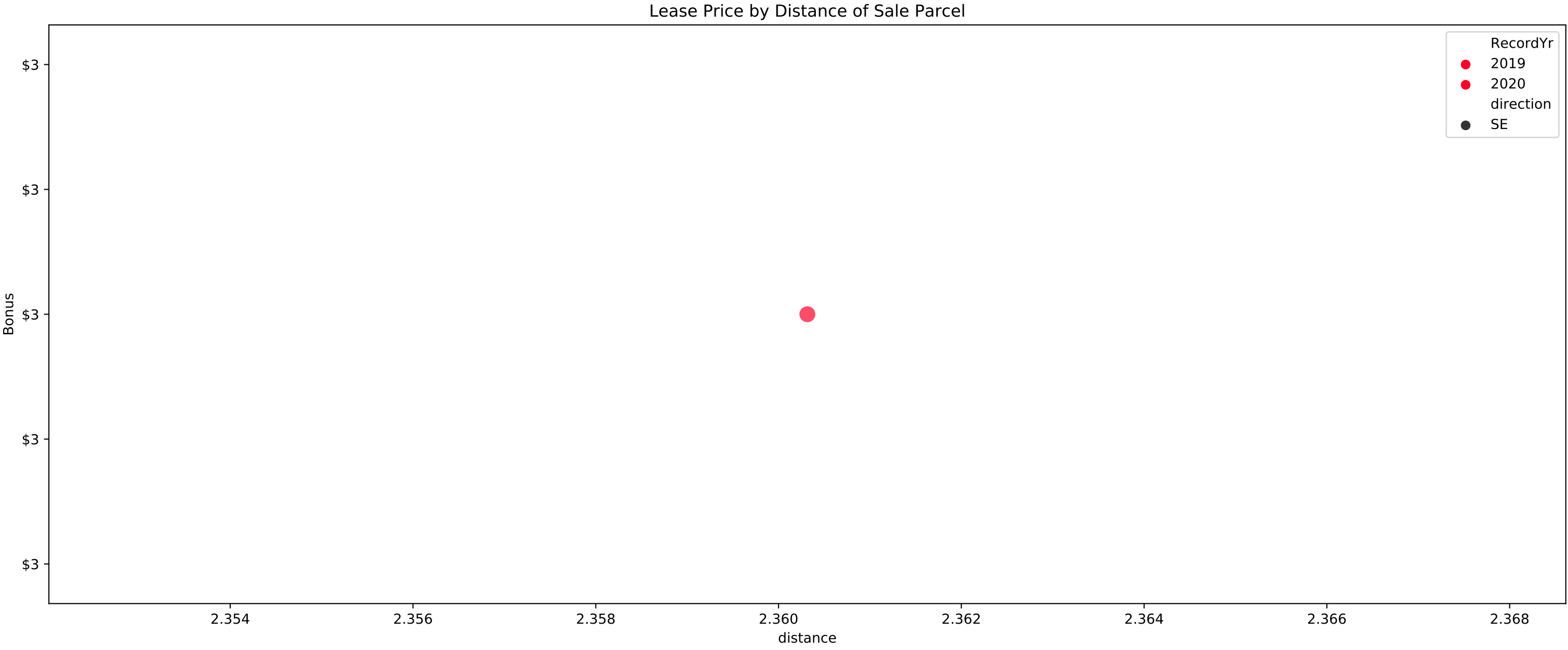
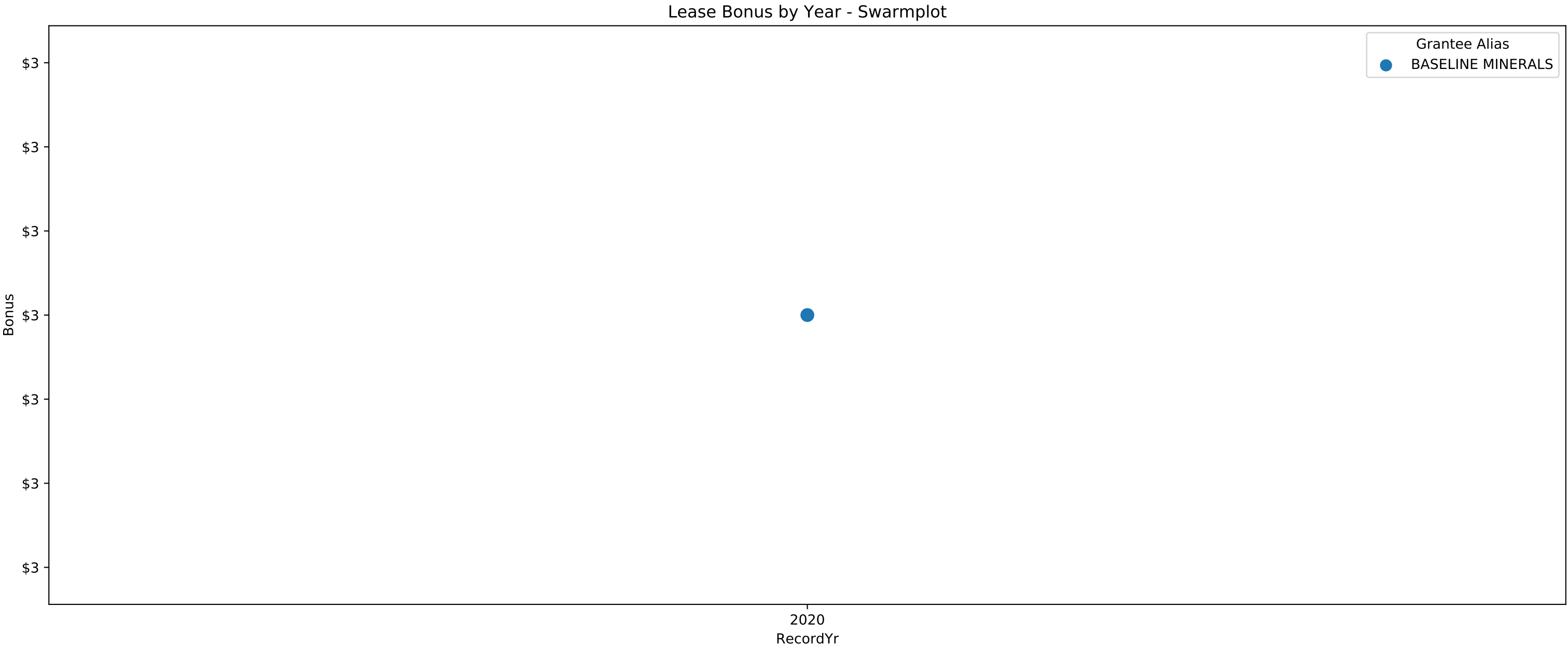
Lease Summary for tract 98  
Total Number of Leases: 8  
Average Price \$3/acre in 2020



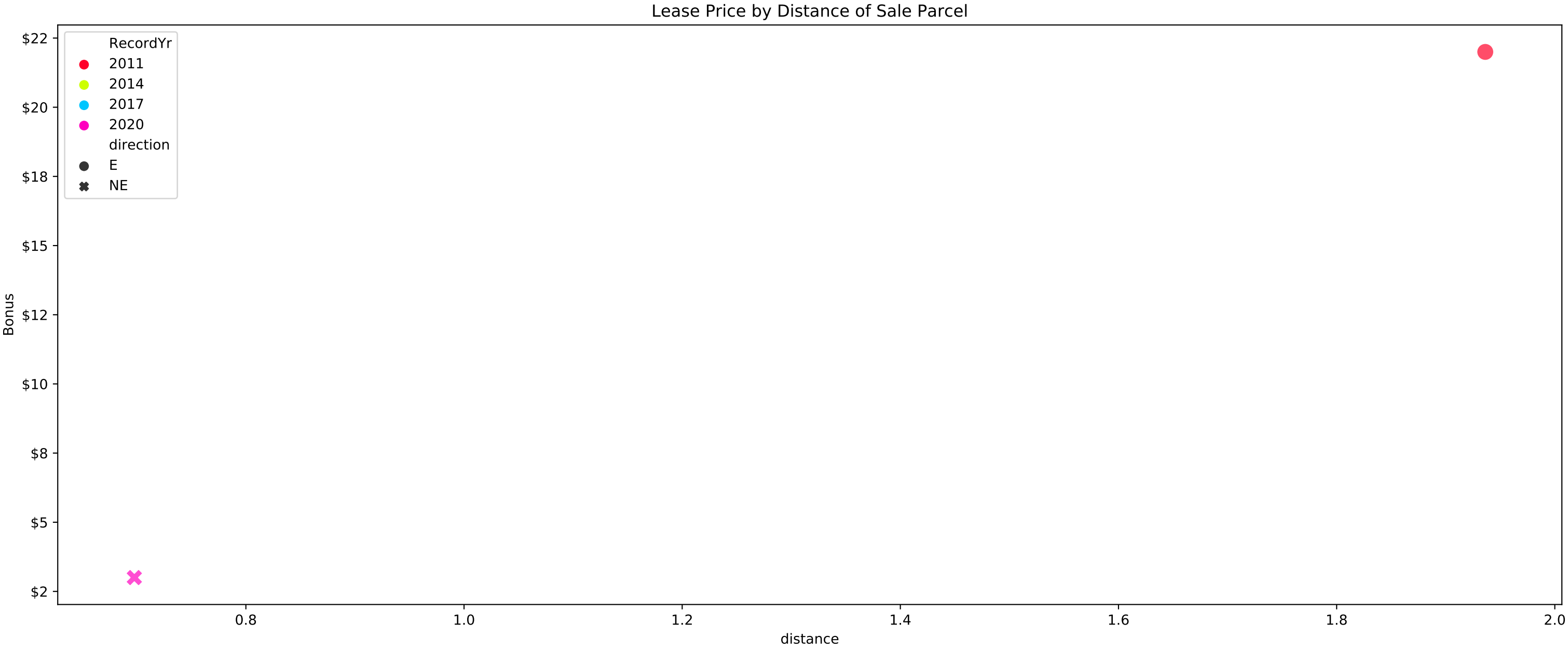
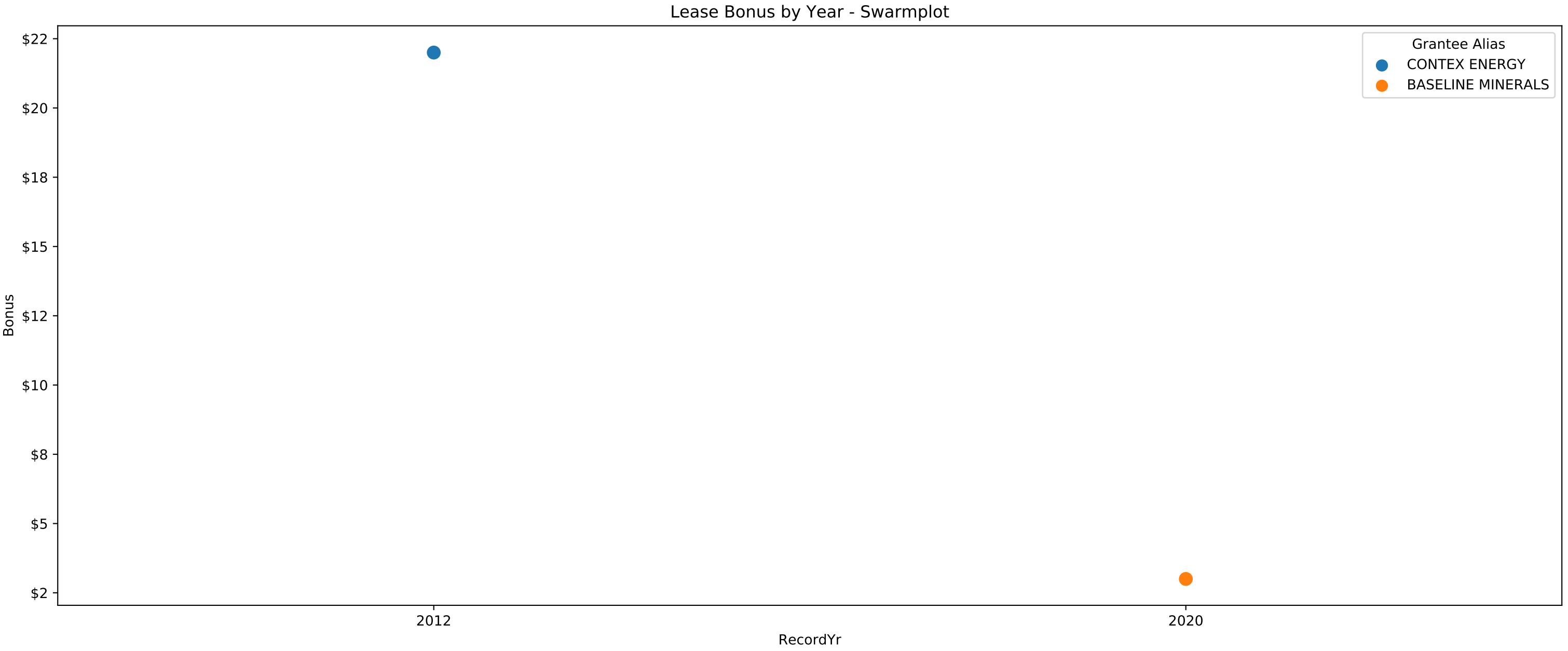
Lease Summary for tract 99  
Total Number of Leases: 4  
Average Price \$3/acre in 2020



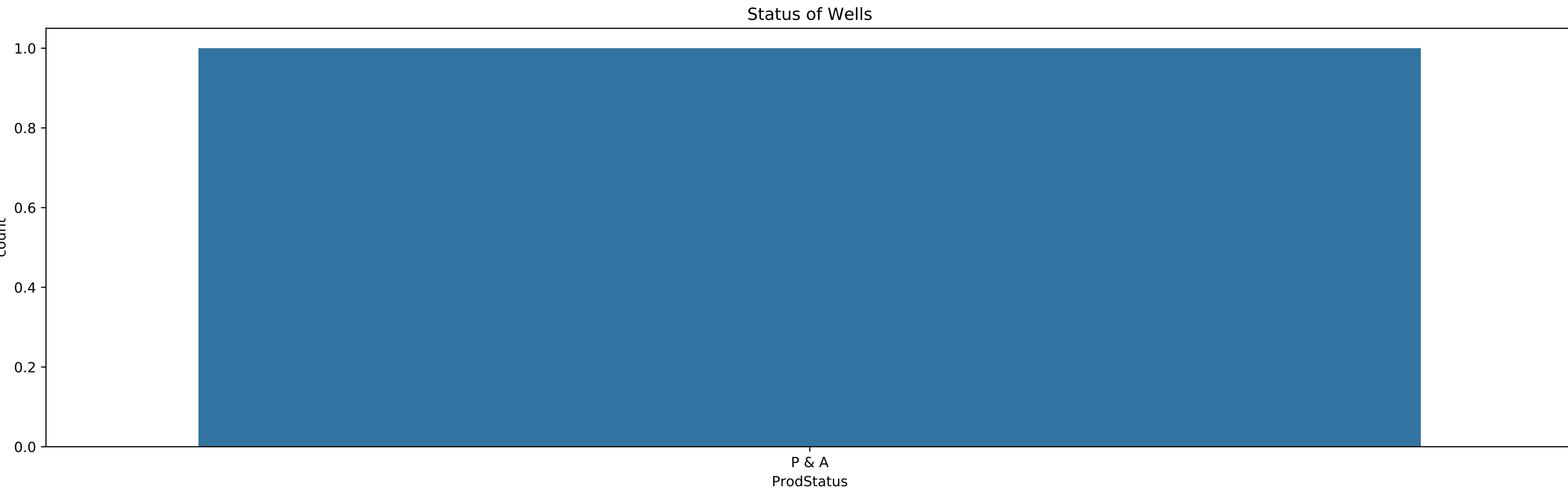
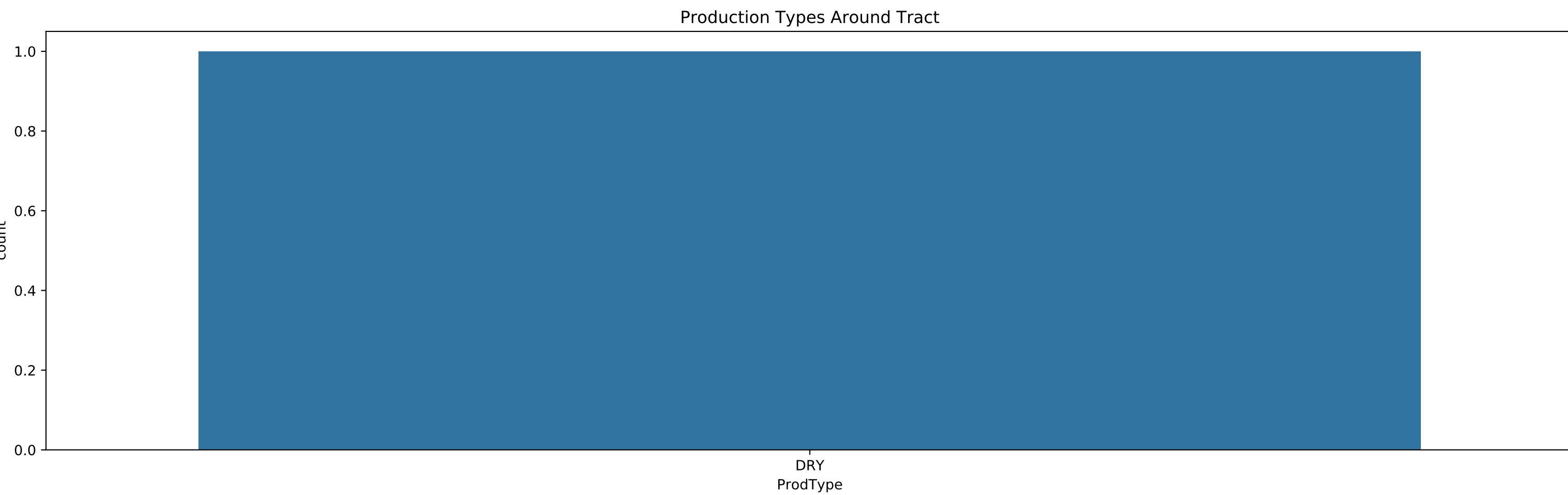
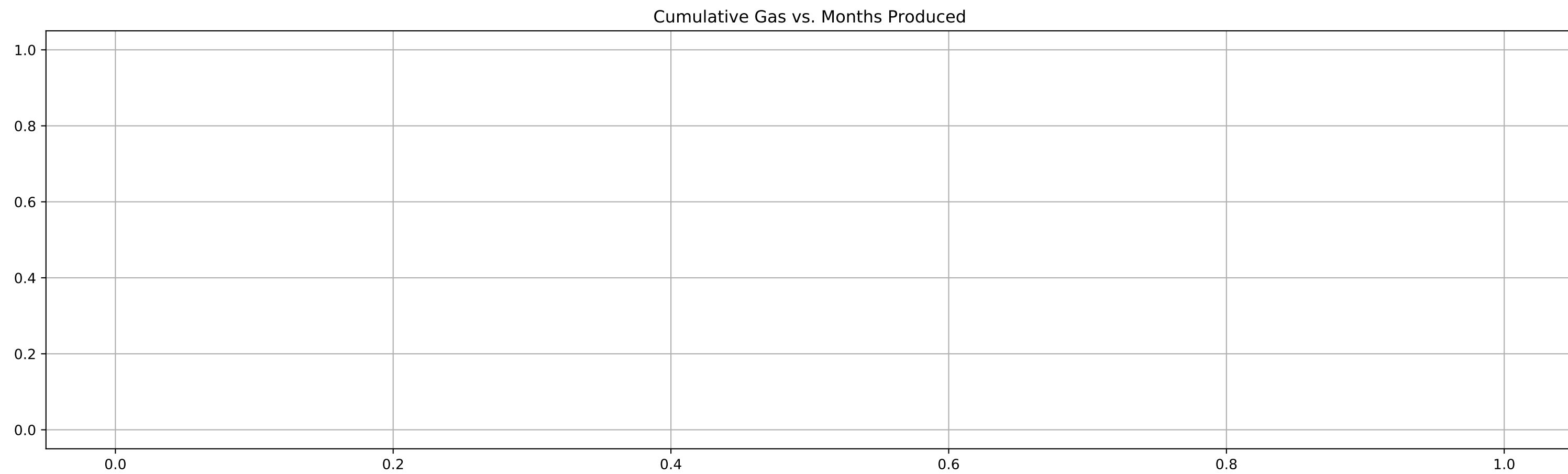
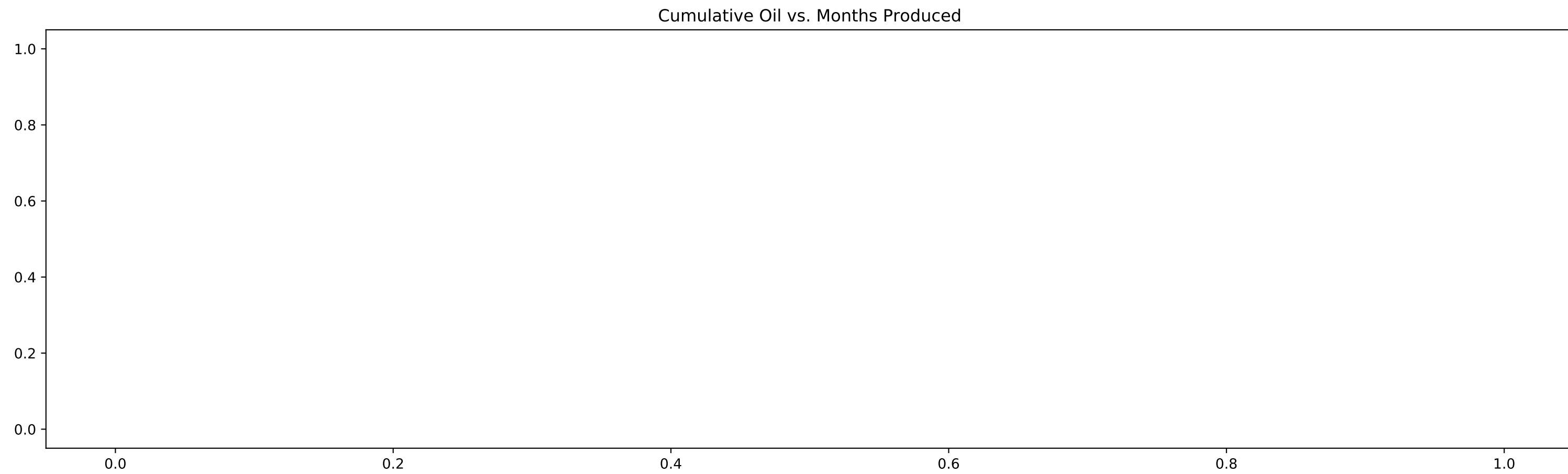
Lease Summary for tract 100  
Total Number of Leases: 1  
Average Price \$3/acre in 2020



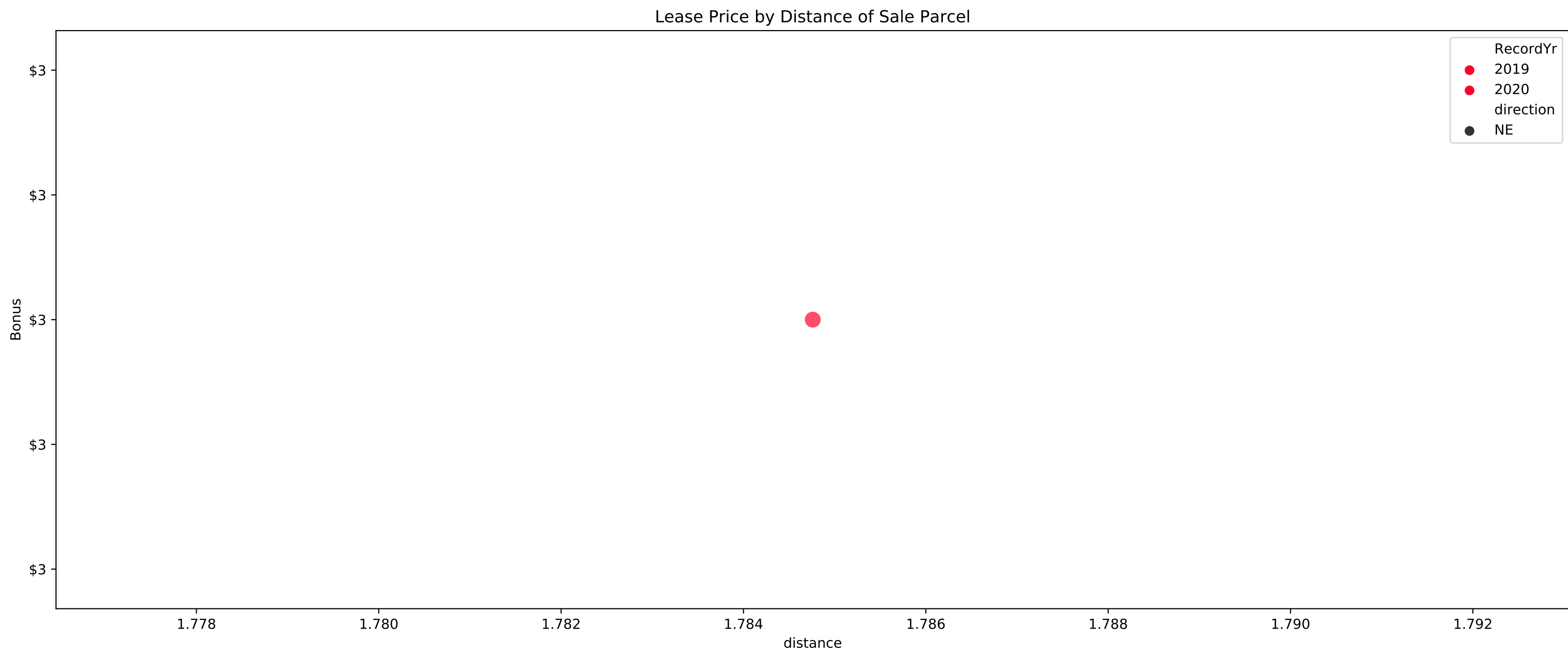
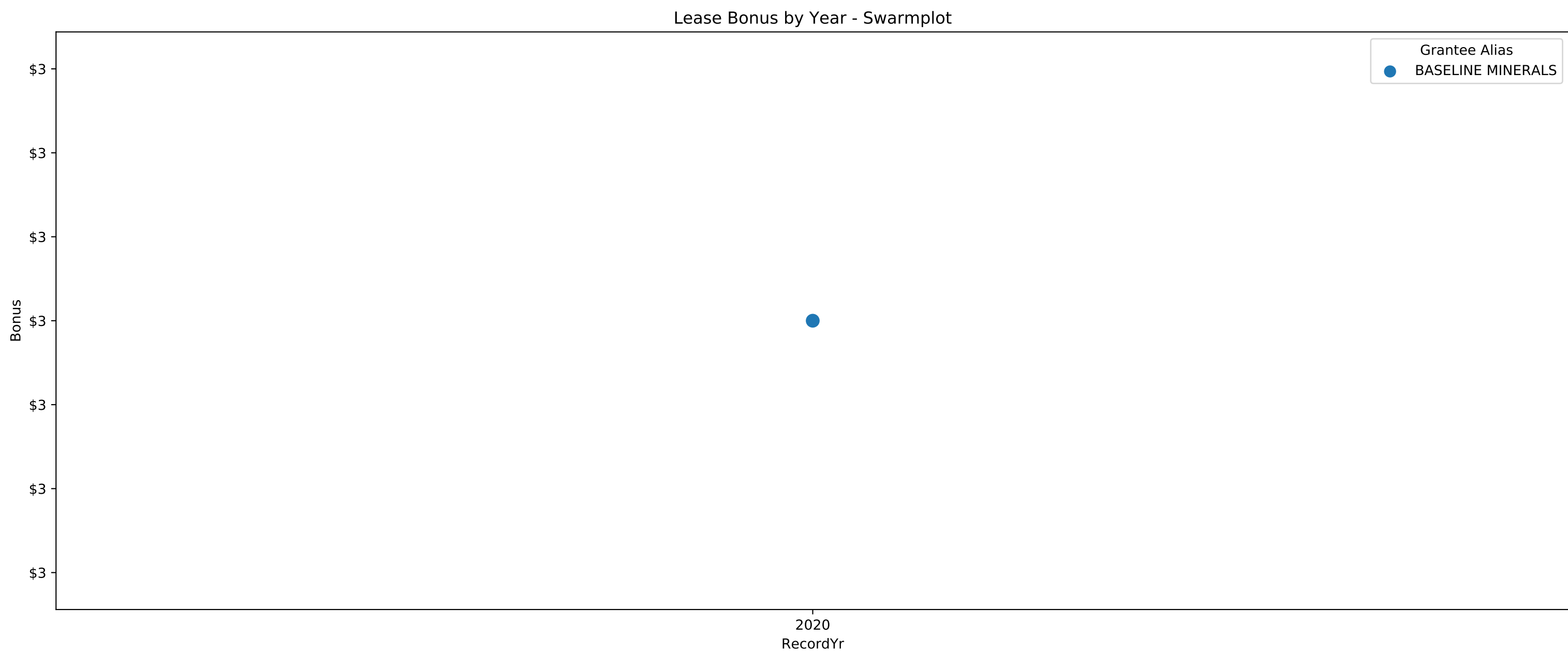
Lease Summary for tract 101  
Total Number of Leases: 2  
Average Price \$3/acre in 2020



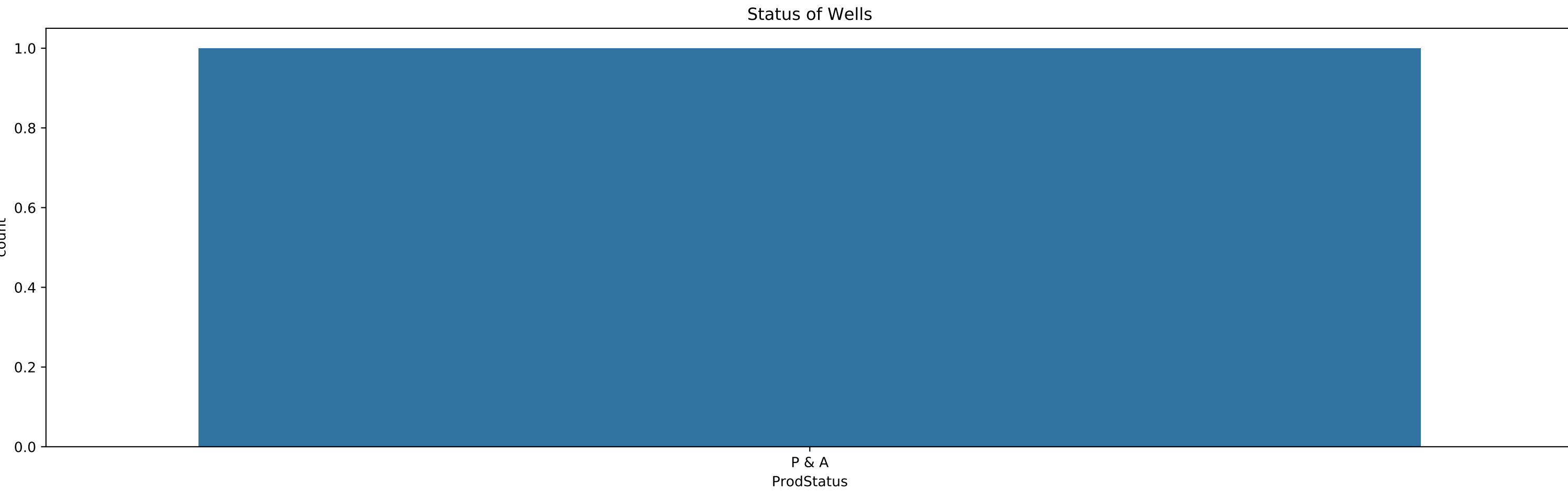
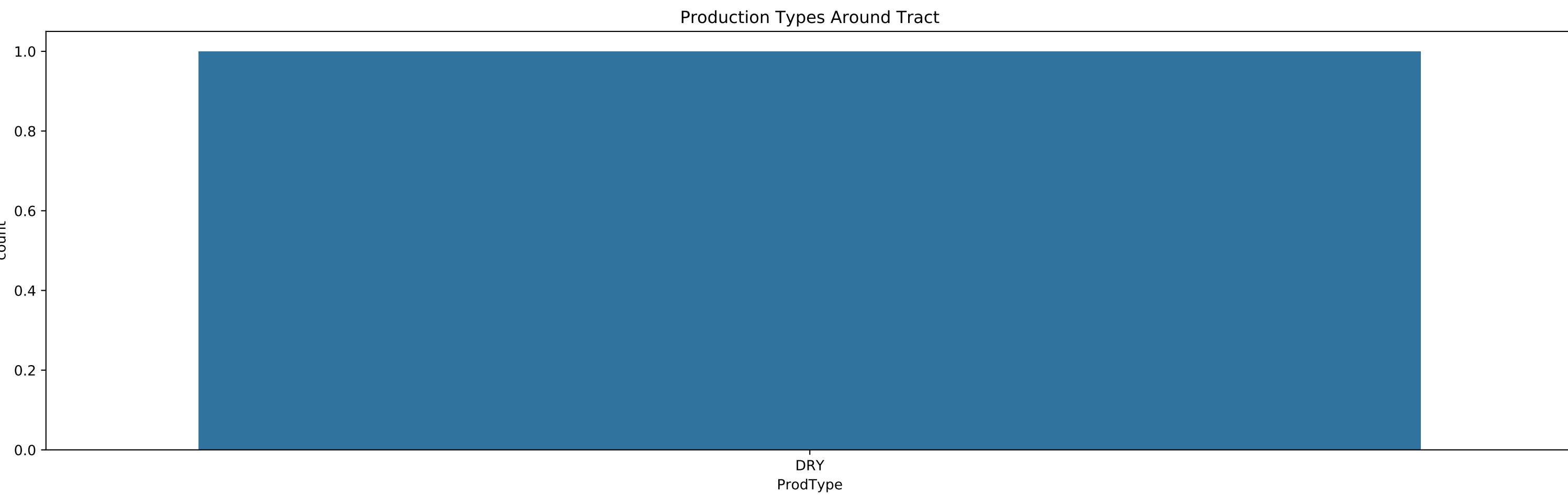
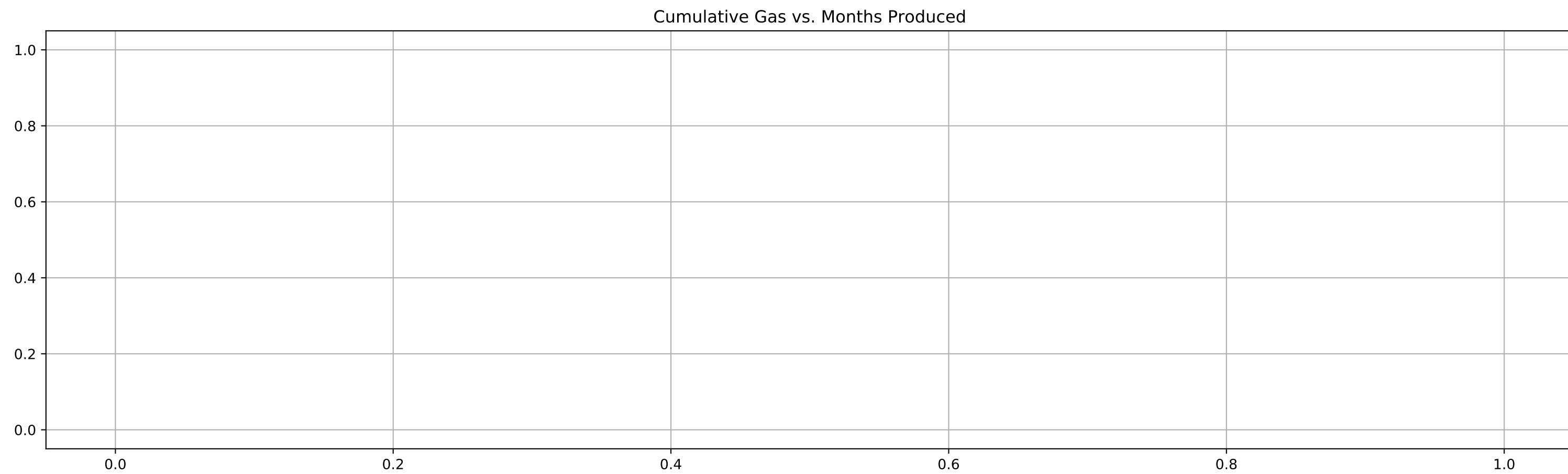
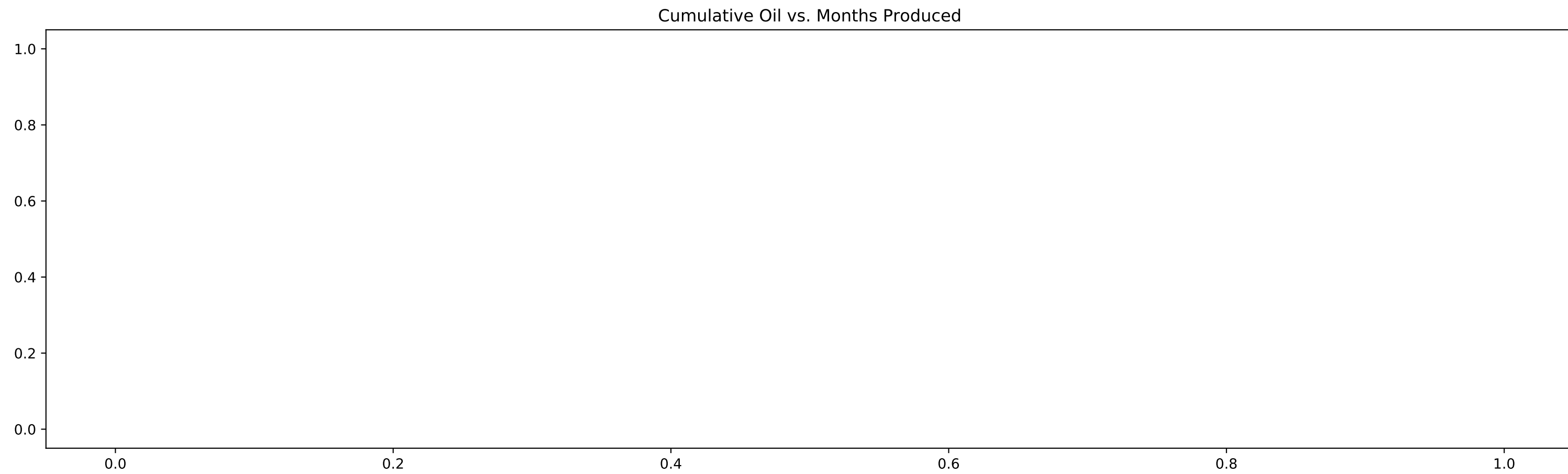
# Old Production Outside of Tract 101 - 3 Mi Radius



Lease Summary for tract 102  
Total Number of Leases: 1  
Average Price \$3/acre in 2020

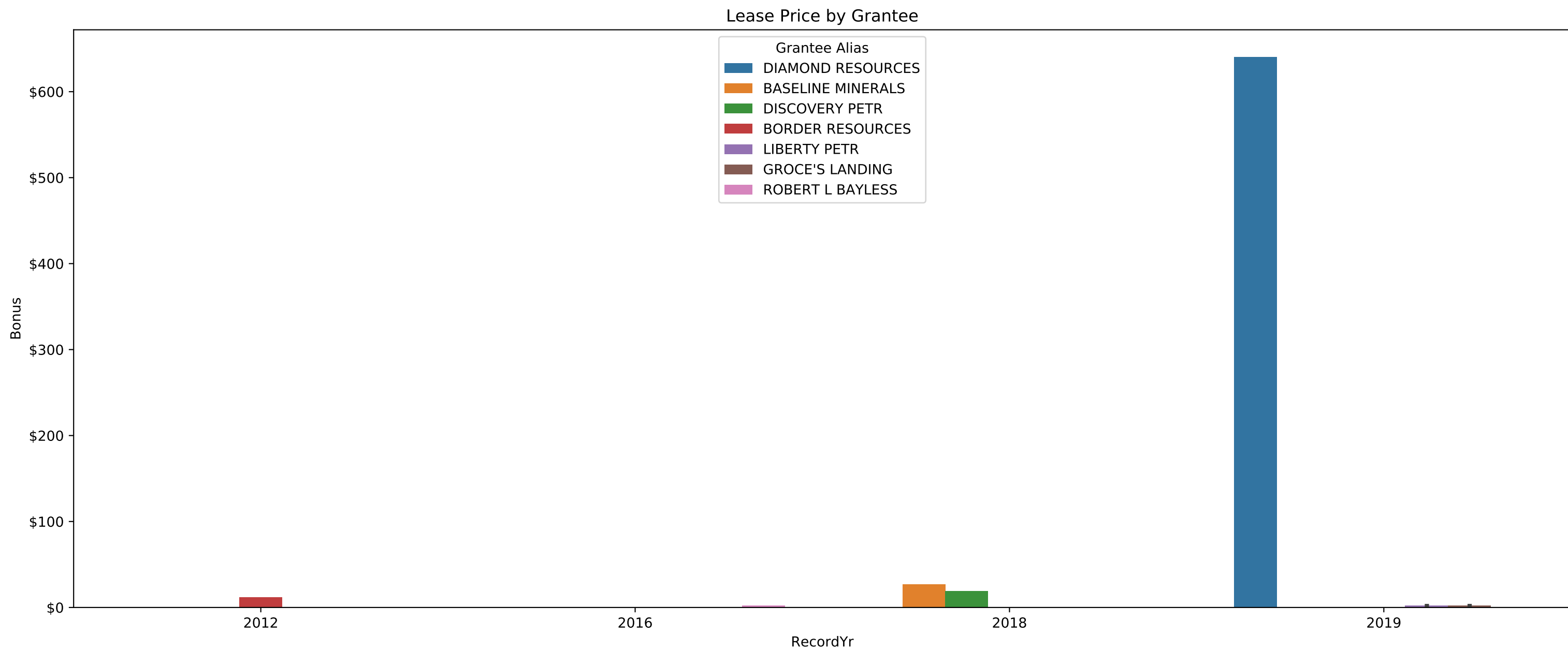
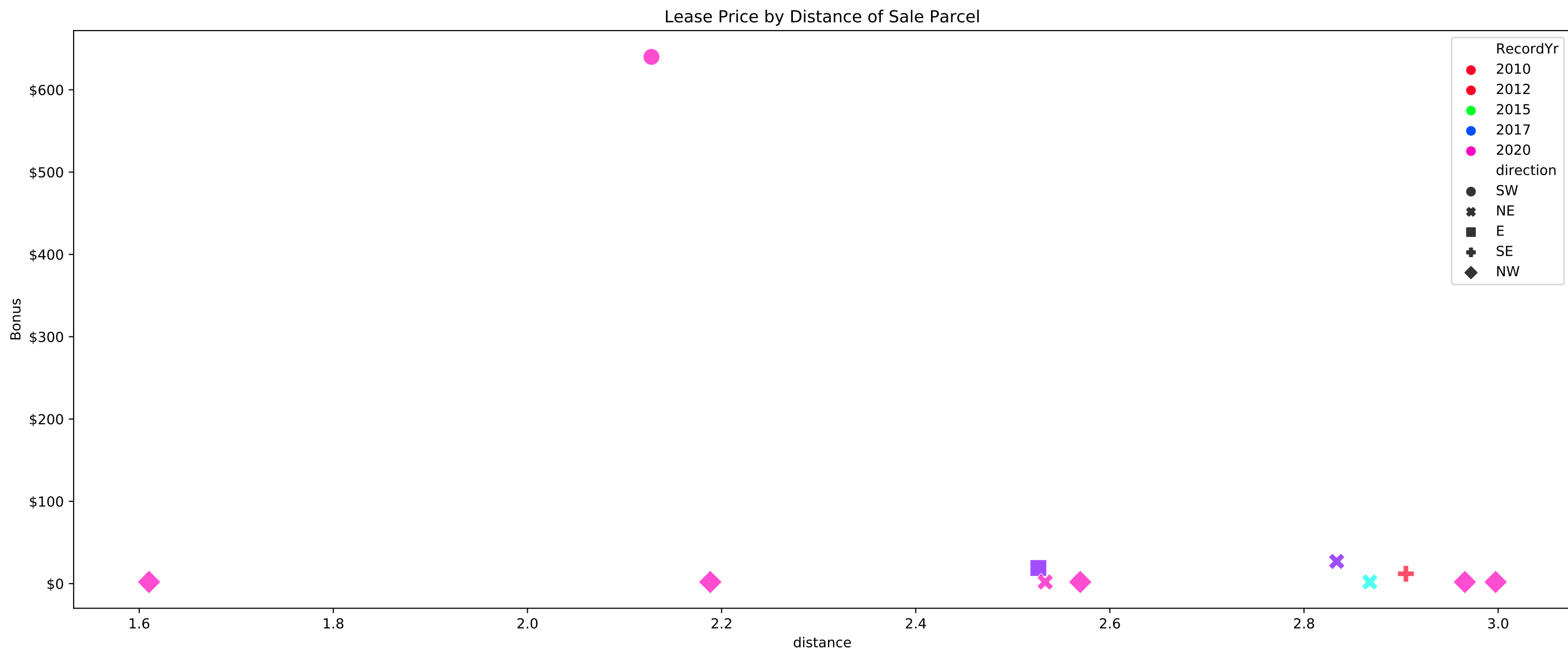
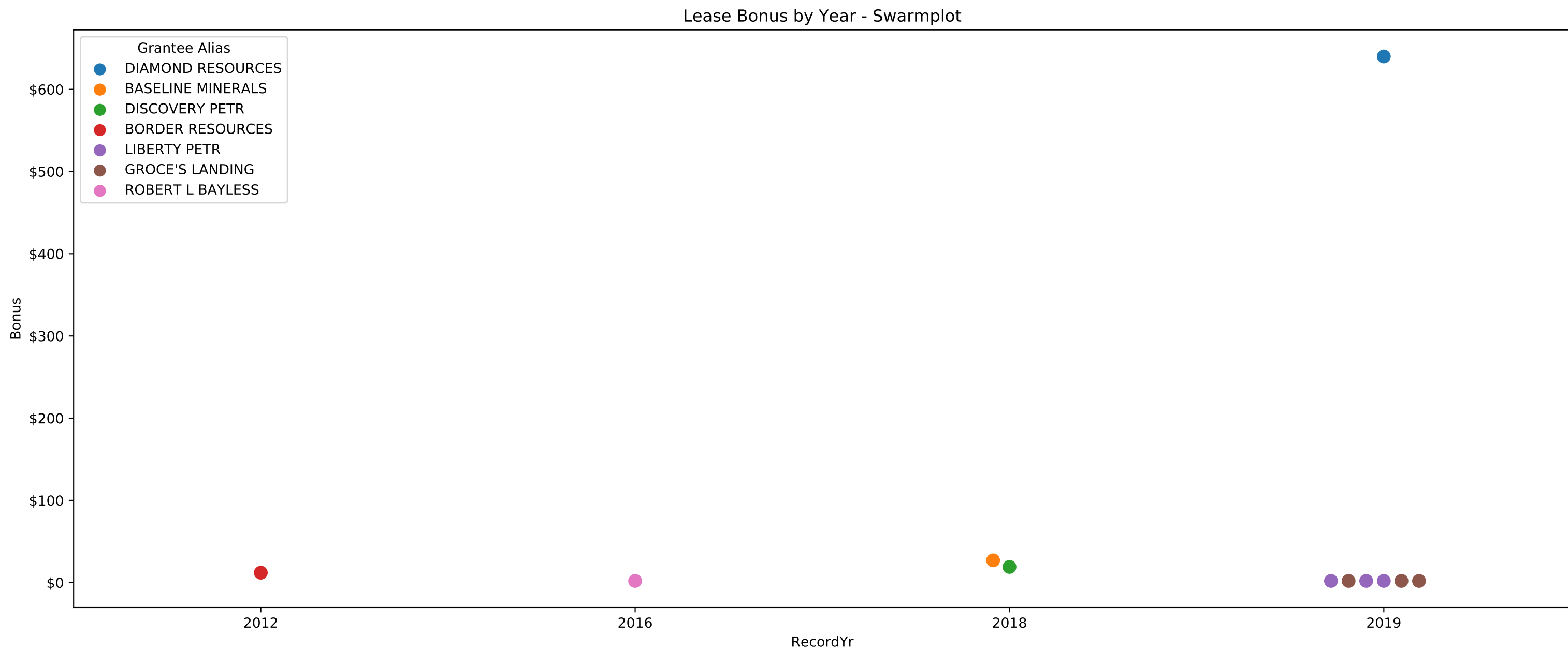


# Old Production Outside of Tract 102 - 3 Mi Radius



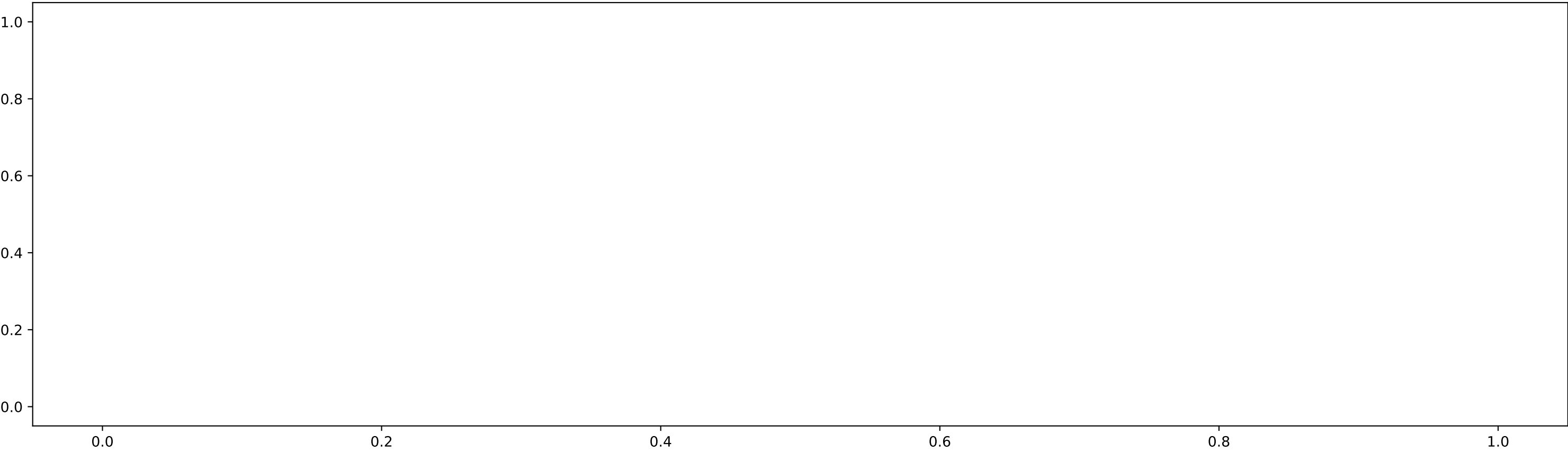


Lease Summary for tract 37  
Total Number of Leases: 11  
Average Price \$93/acre in 2019

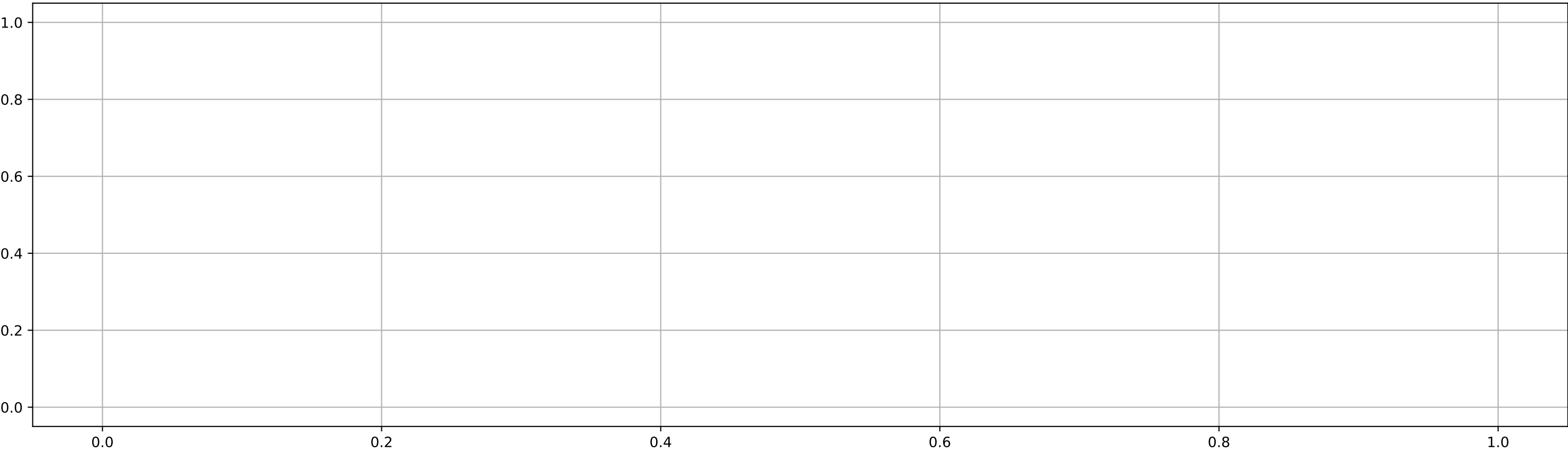


# Old Production Outside of Tract 37 - 3 Mi Radius

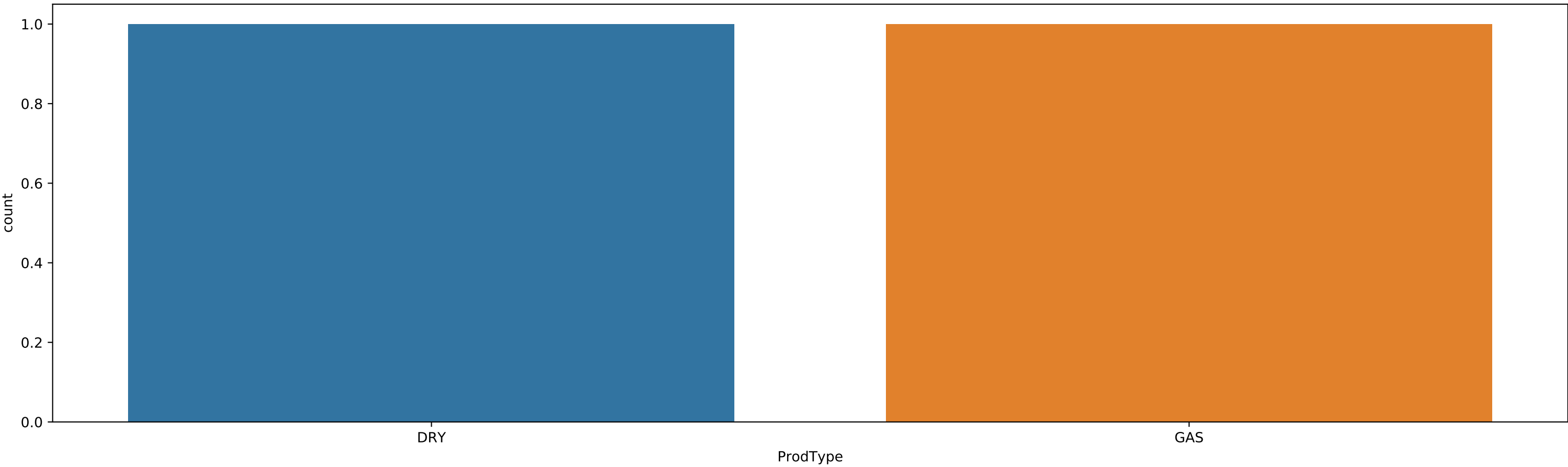
Cumulative Oil vs. Months Produced



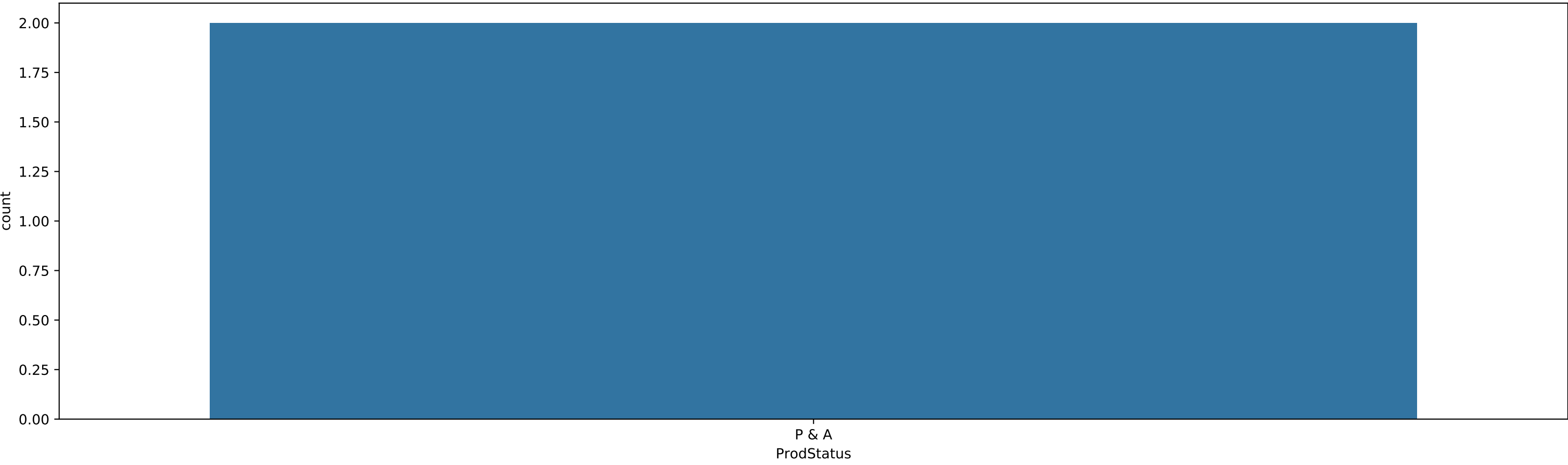
Cumulative Gas vs. Months Produced



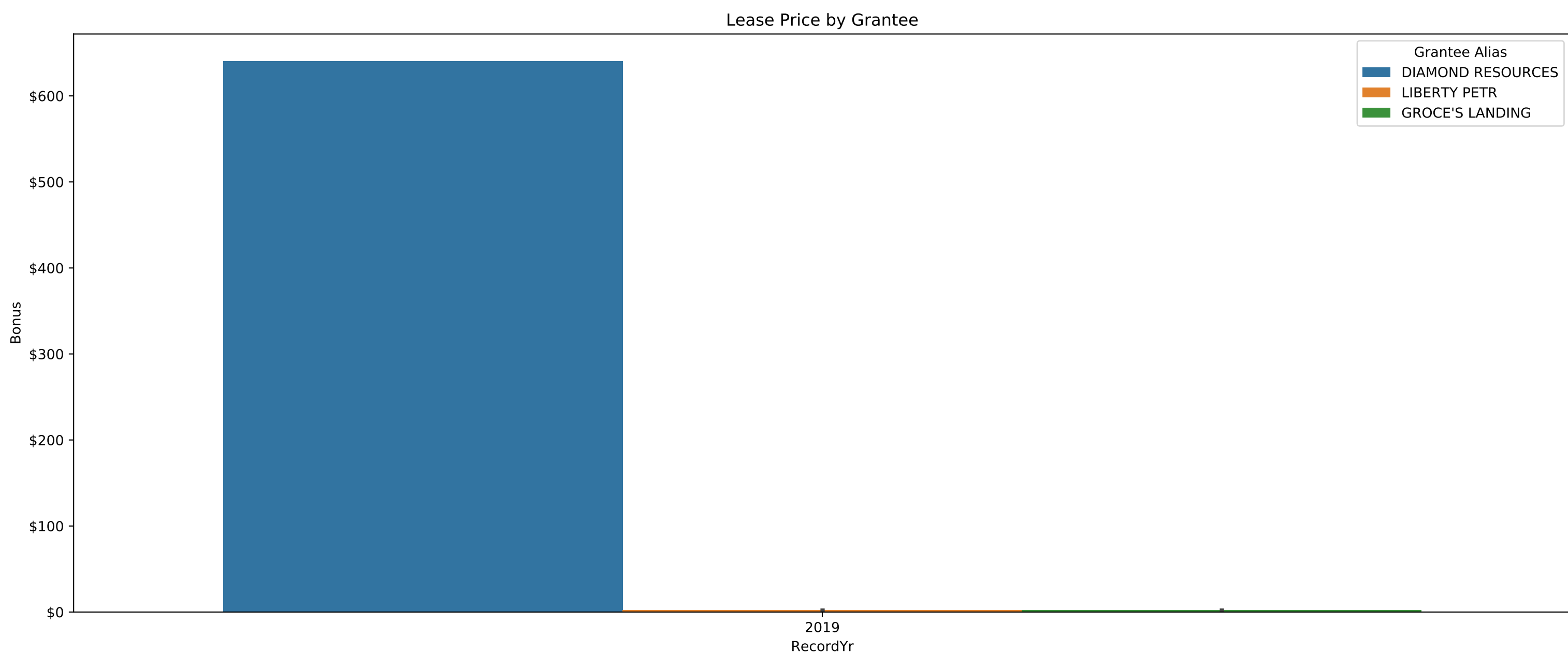
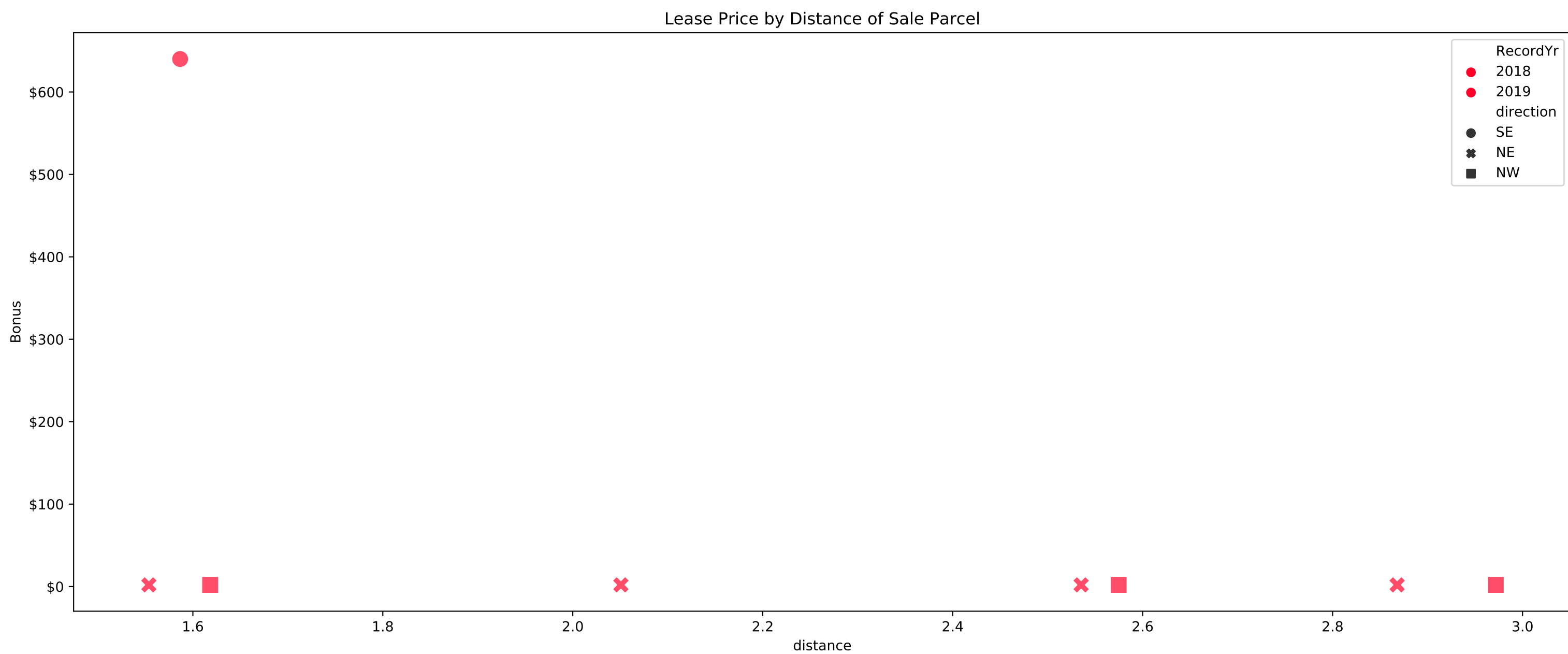
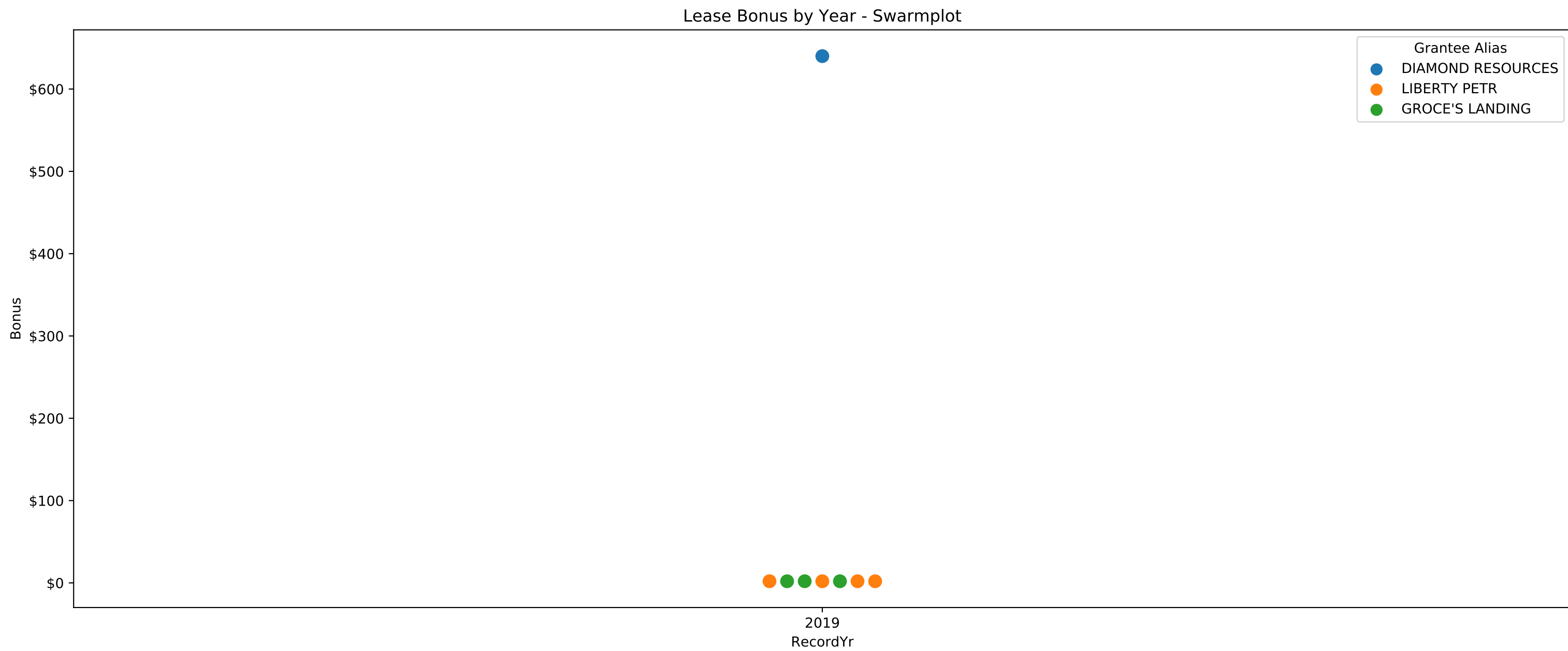
Production Types Around Tract



Status of Wells

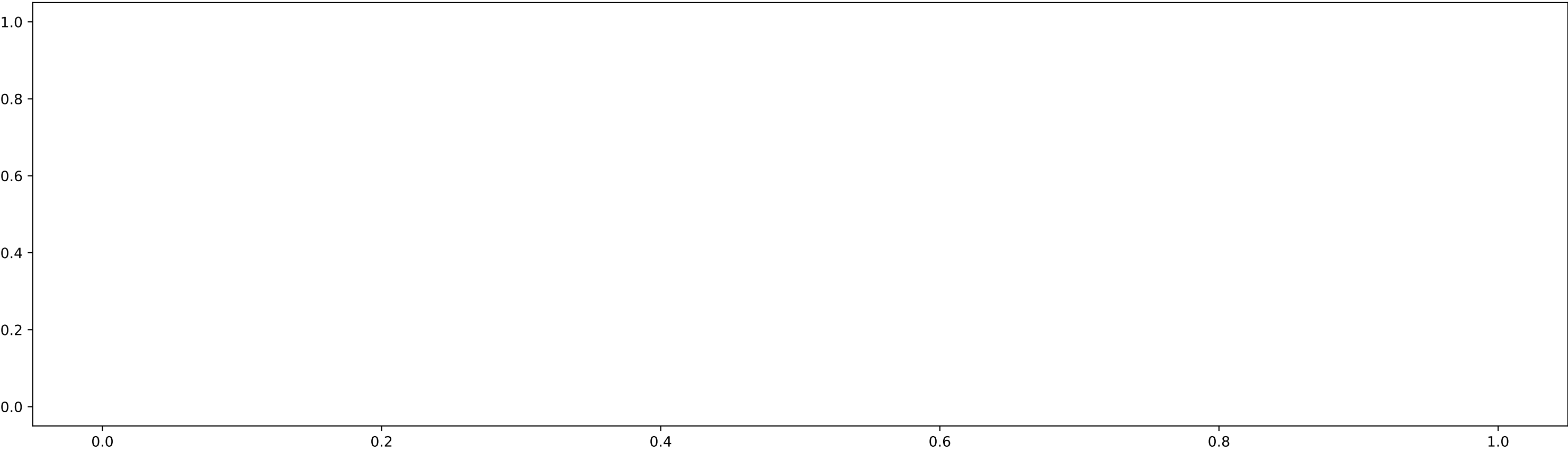


Lease Summary for tract 38  
Total Number of Leases: 8  
Average Price \$82/acre in 2019

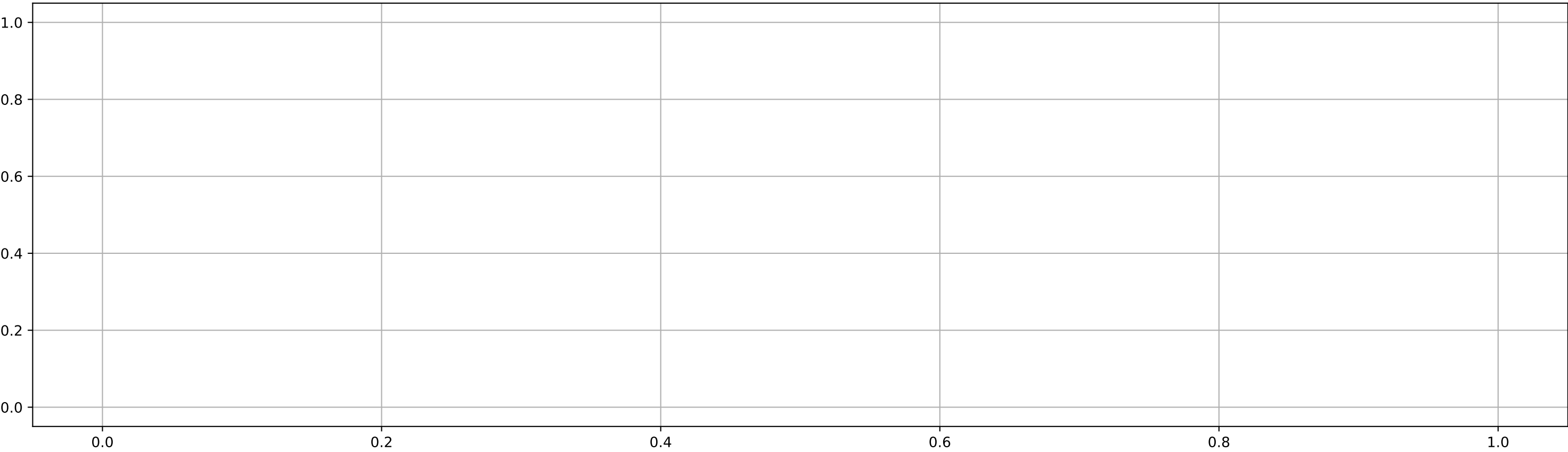


# Old Production Outside of Tract 38 - 3 Mi Radius

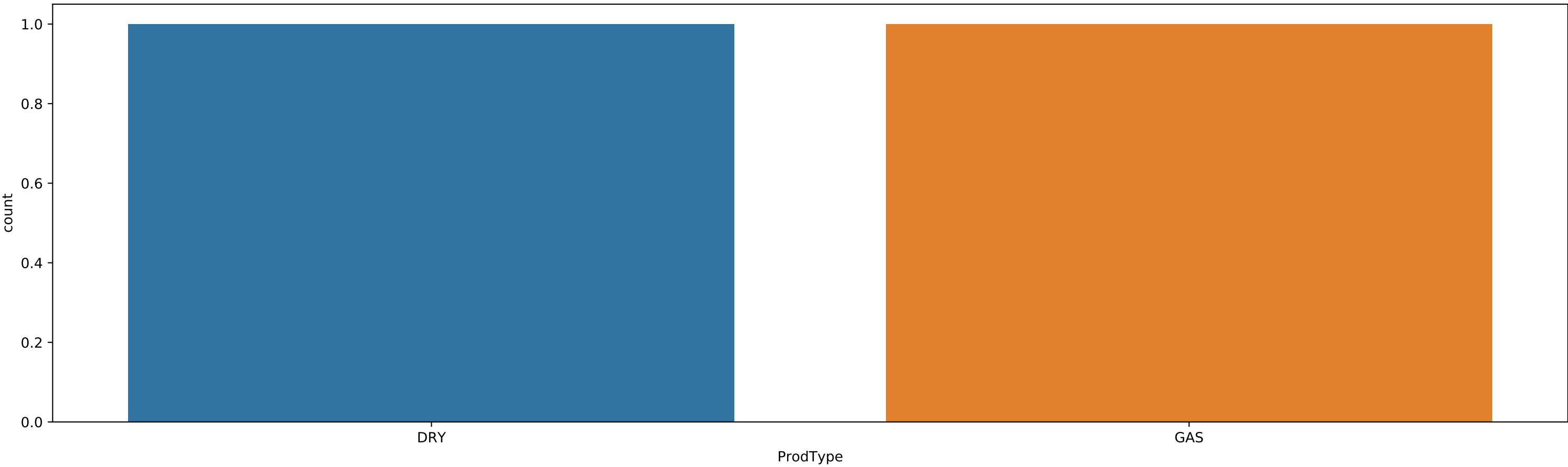
Cumulative Oil vs. Months Produced



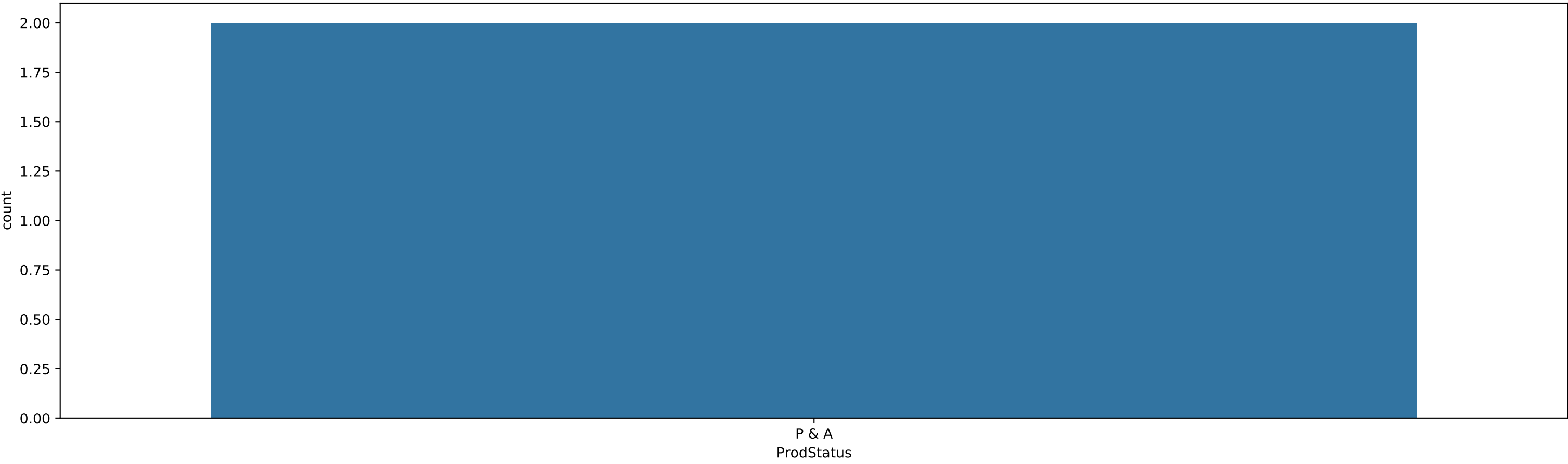
Cumulative Gas vs. Months Produced



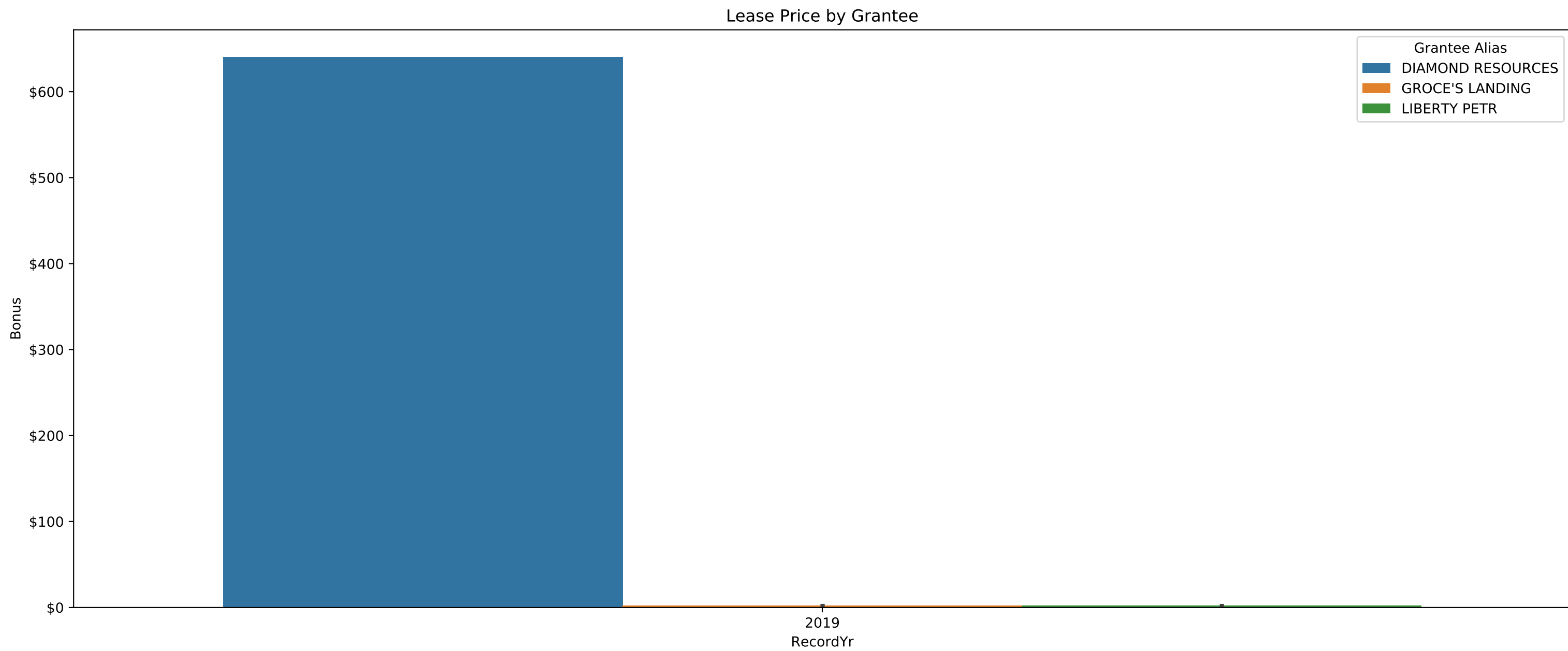
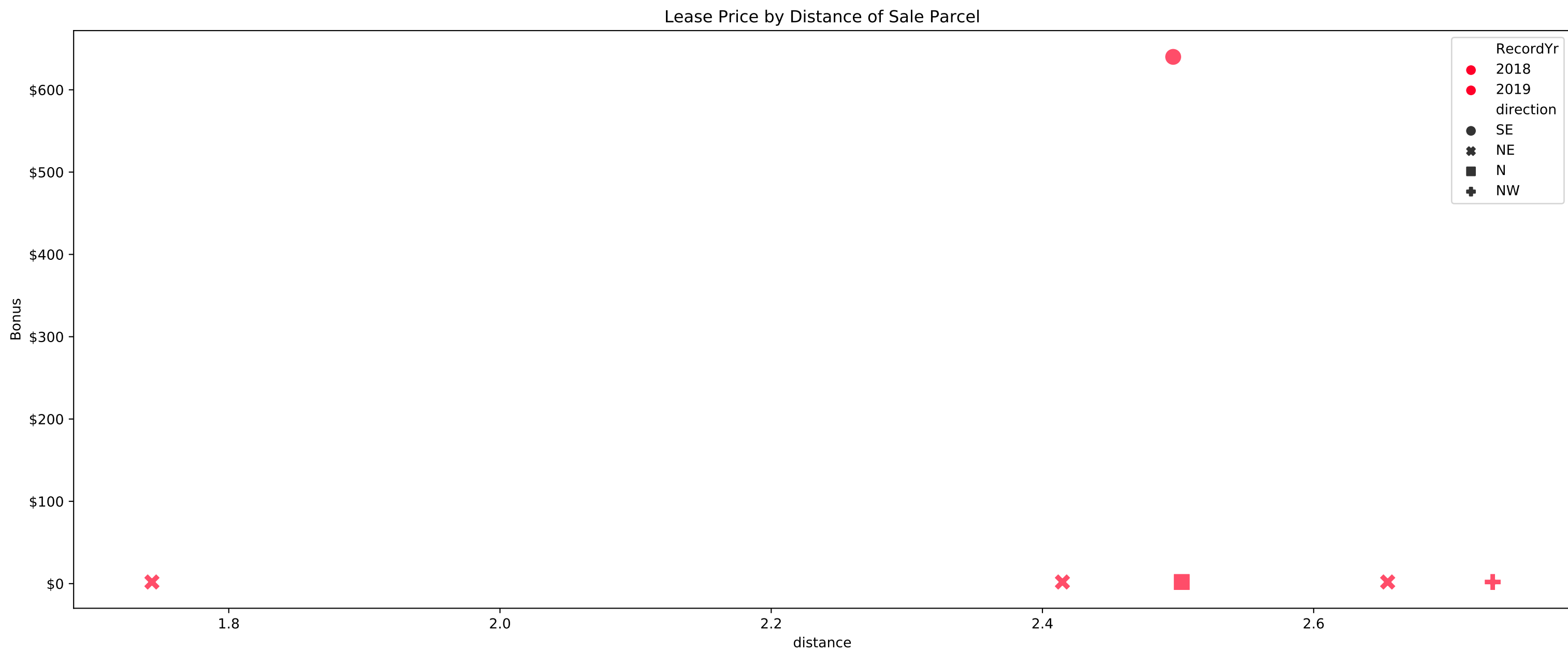
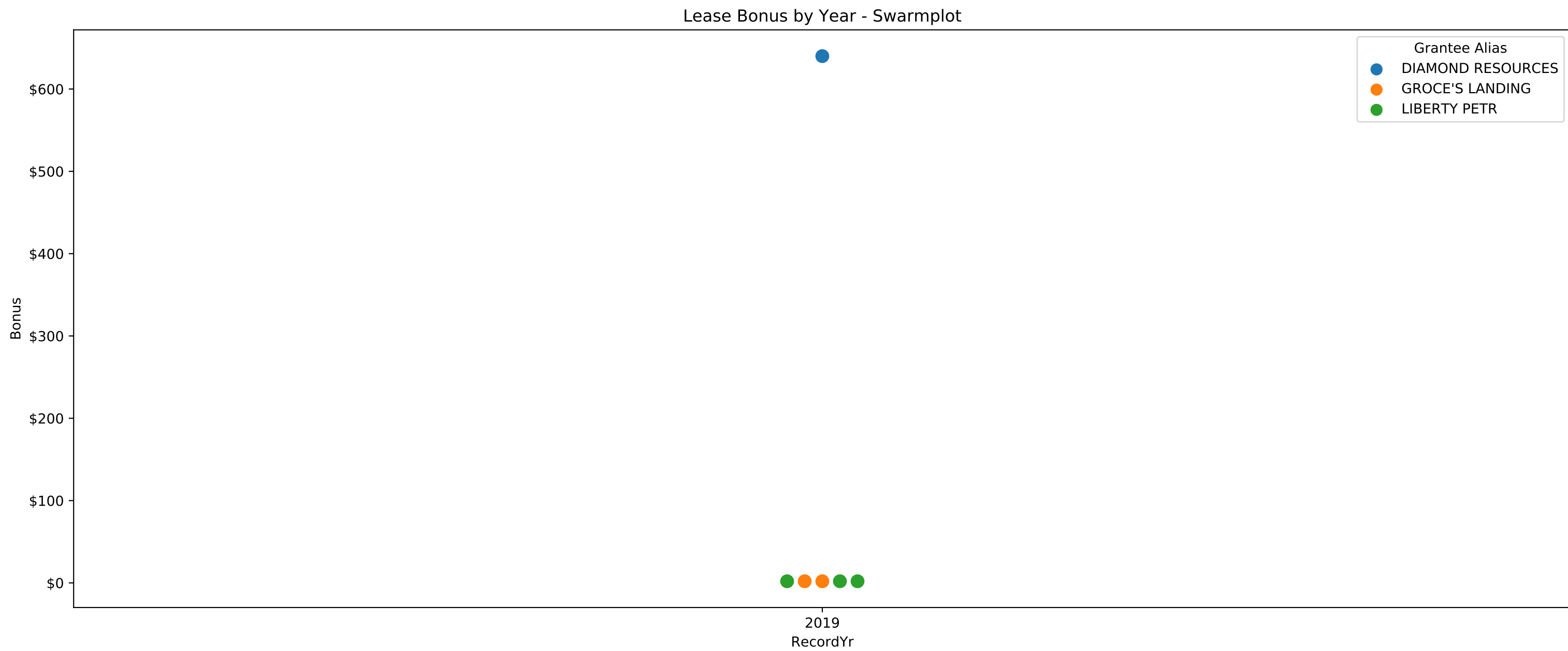
Production Types Around Tract



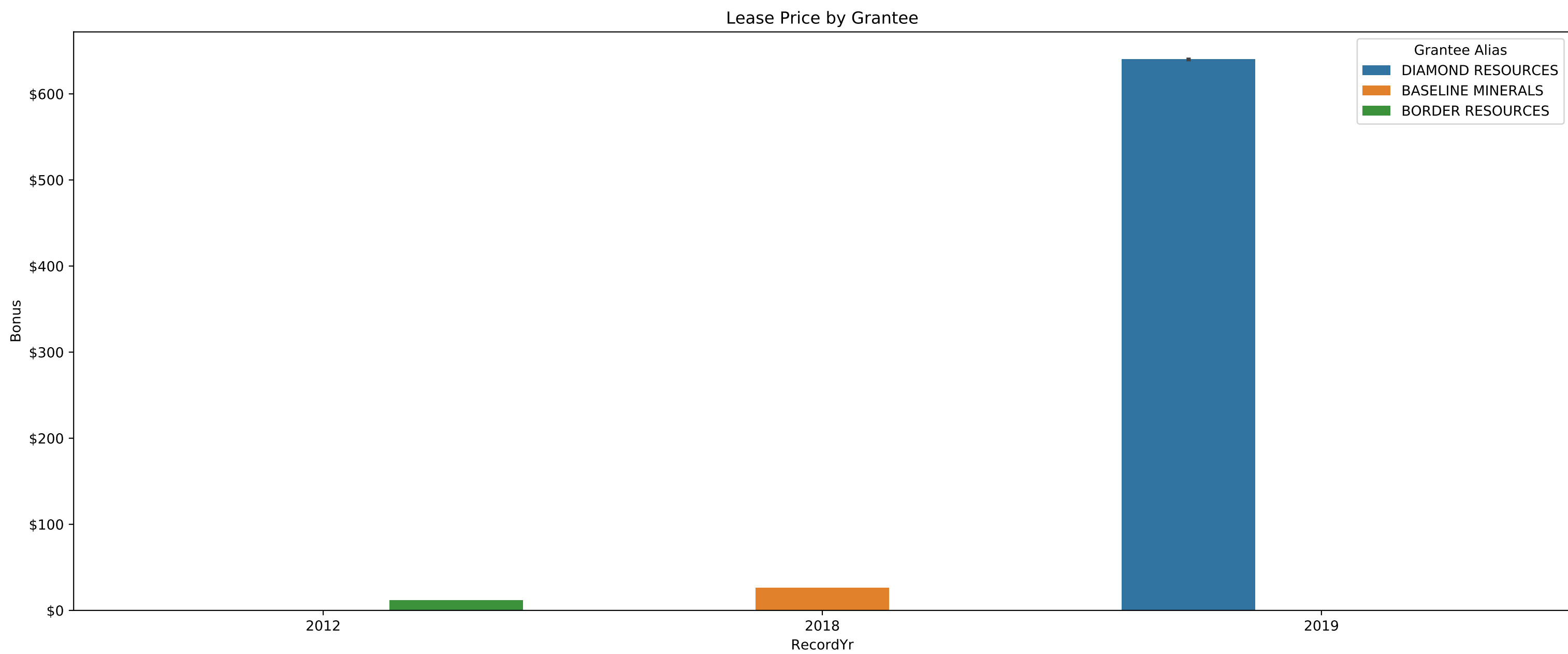
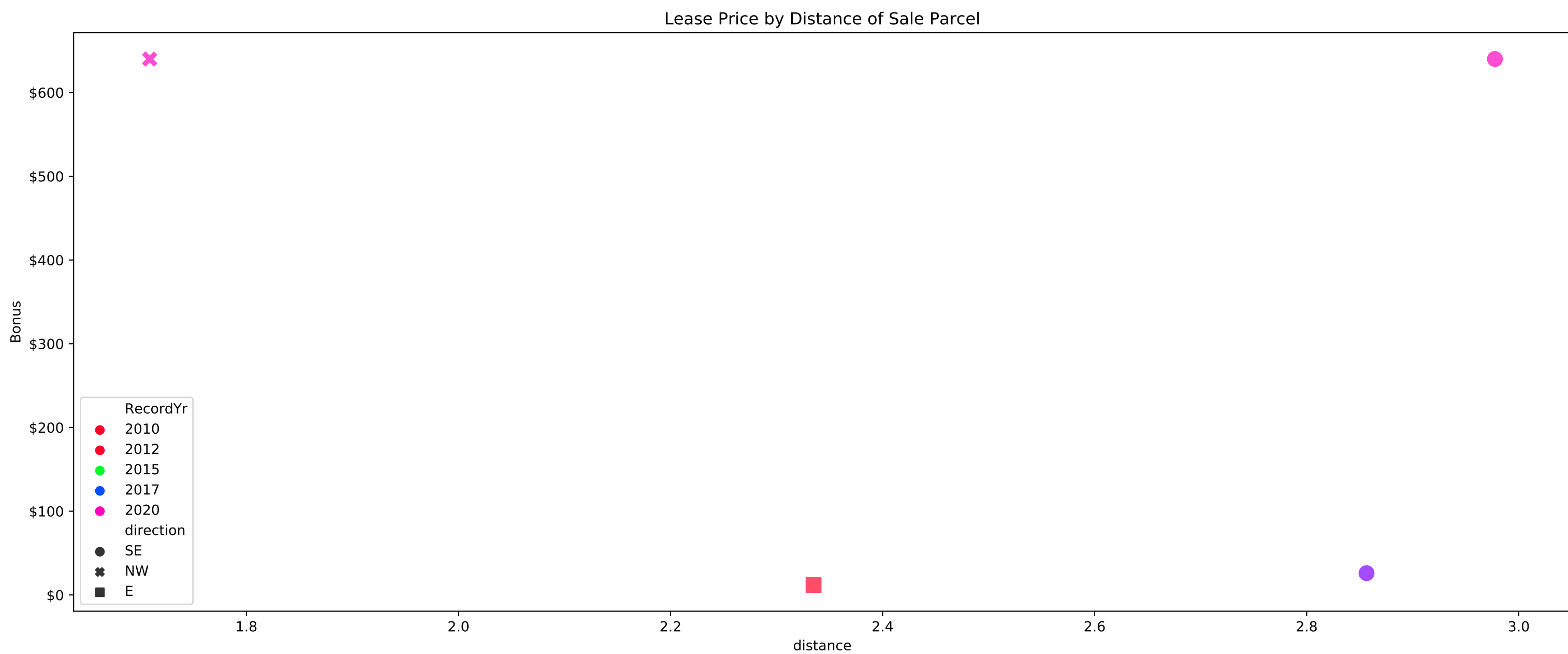
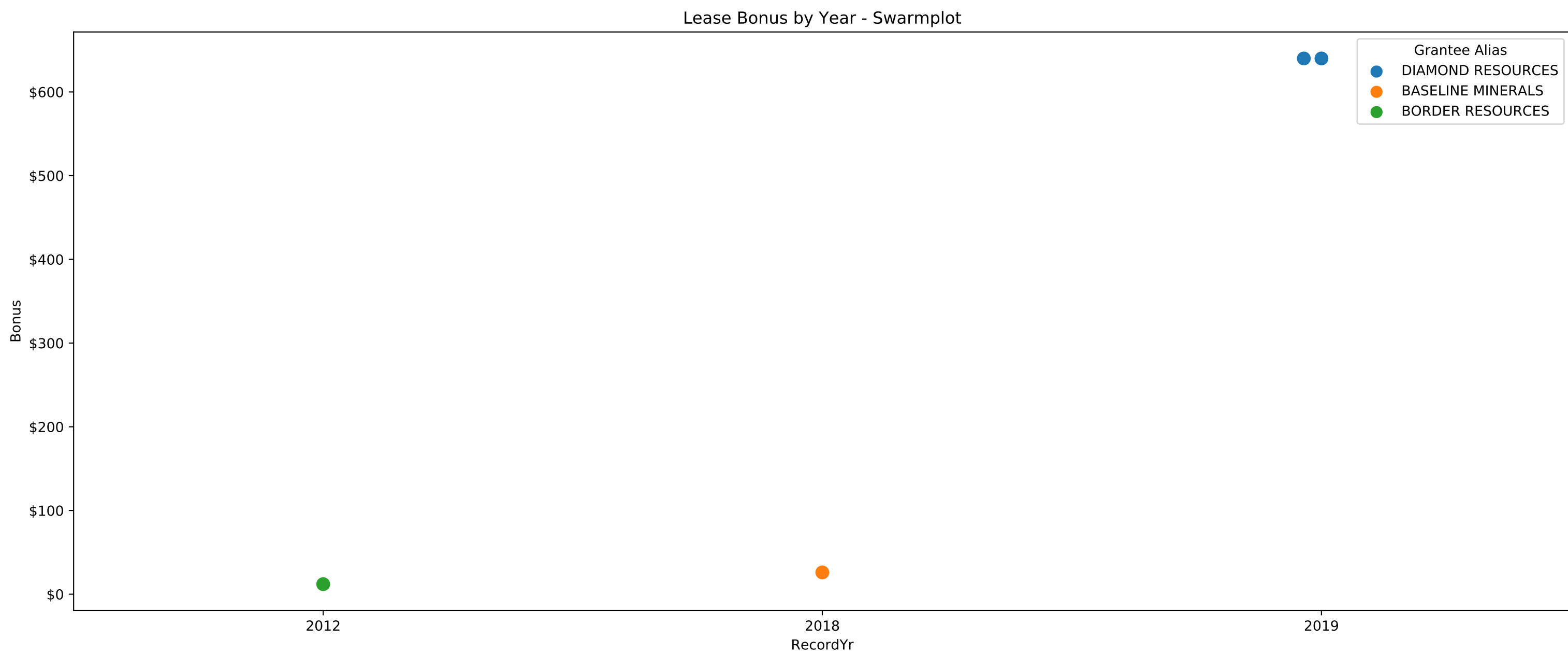
Status of Wells



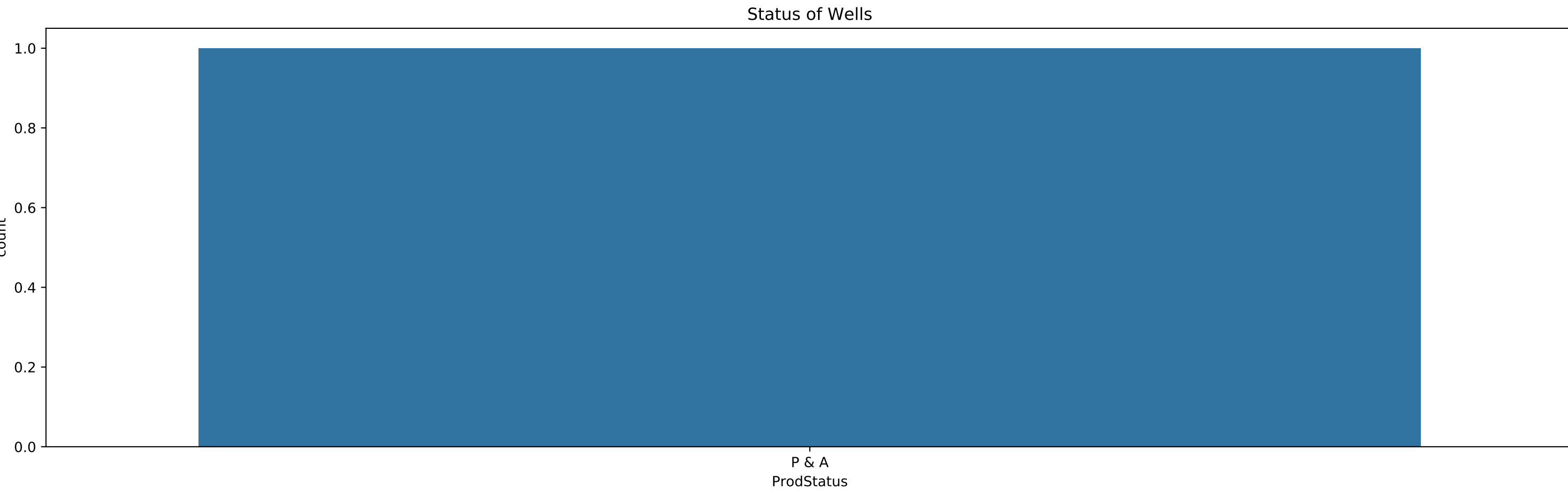
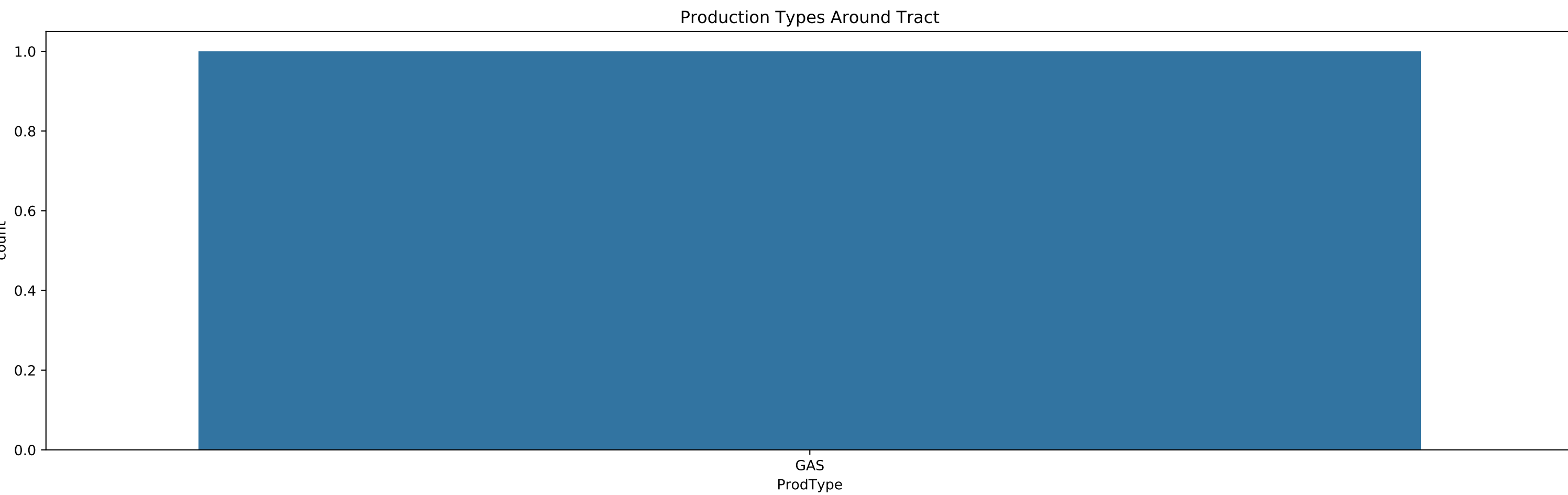
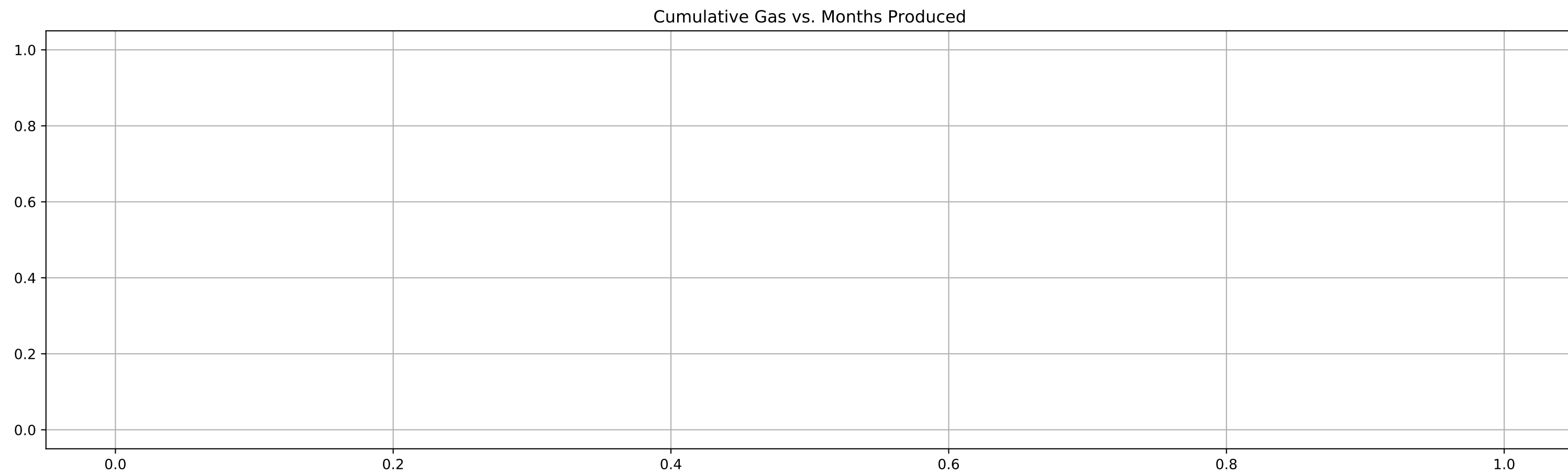
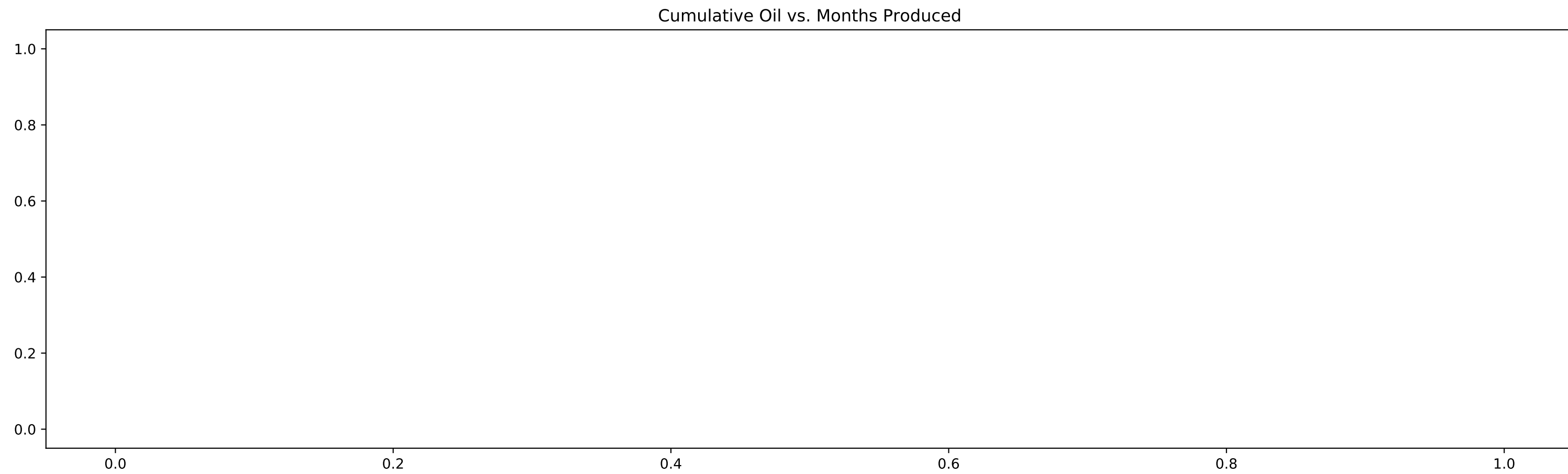
Lease Summary for tract 39  
Total Number of Leases: 6  
Average Price \$108/acre in 2019



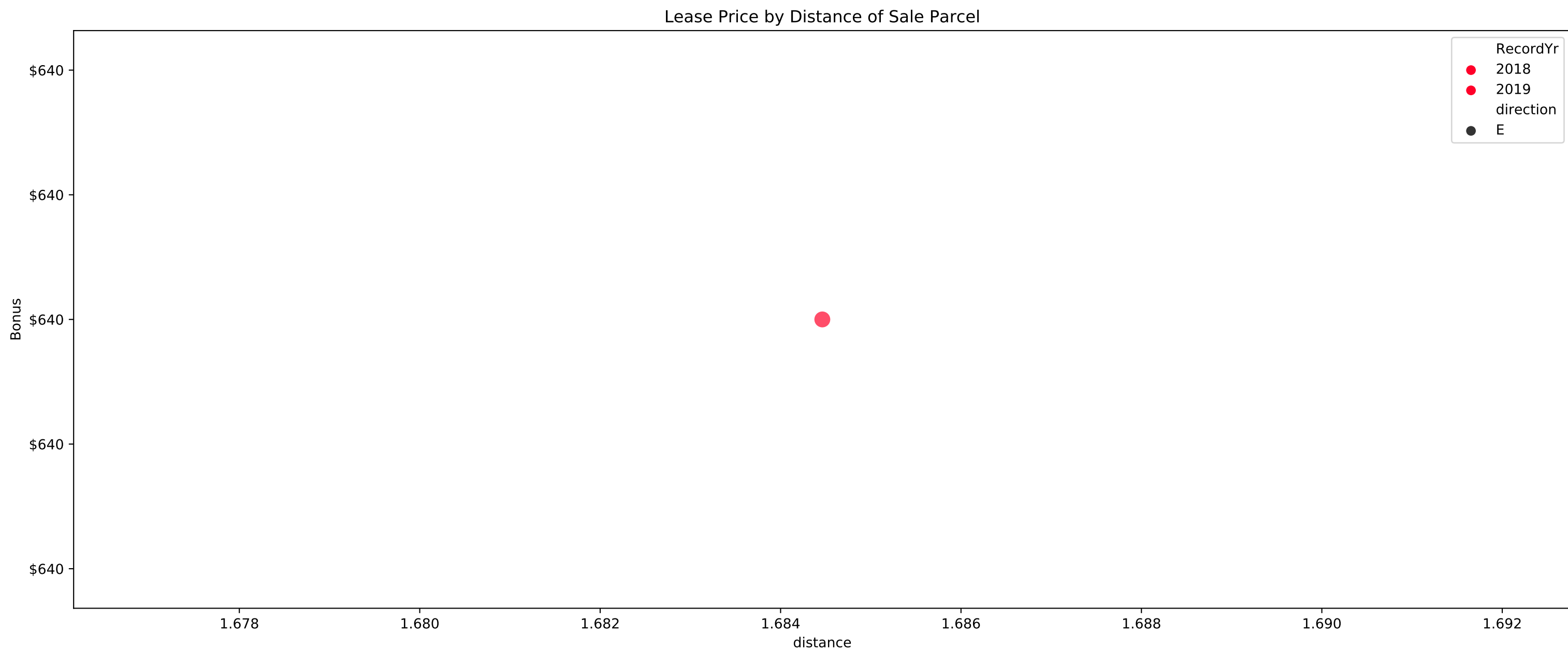
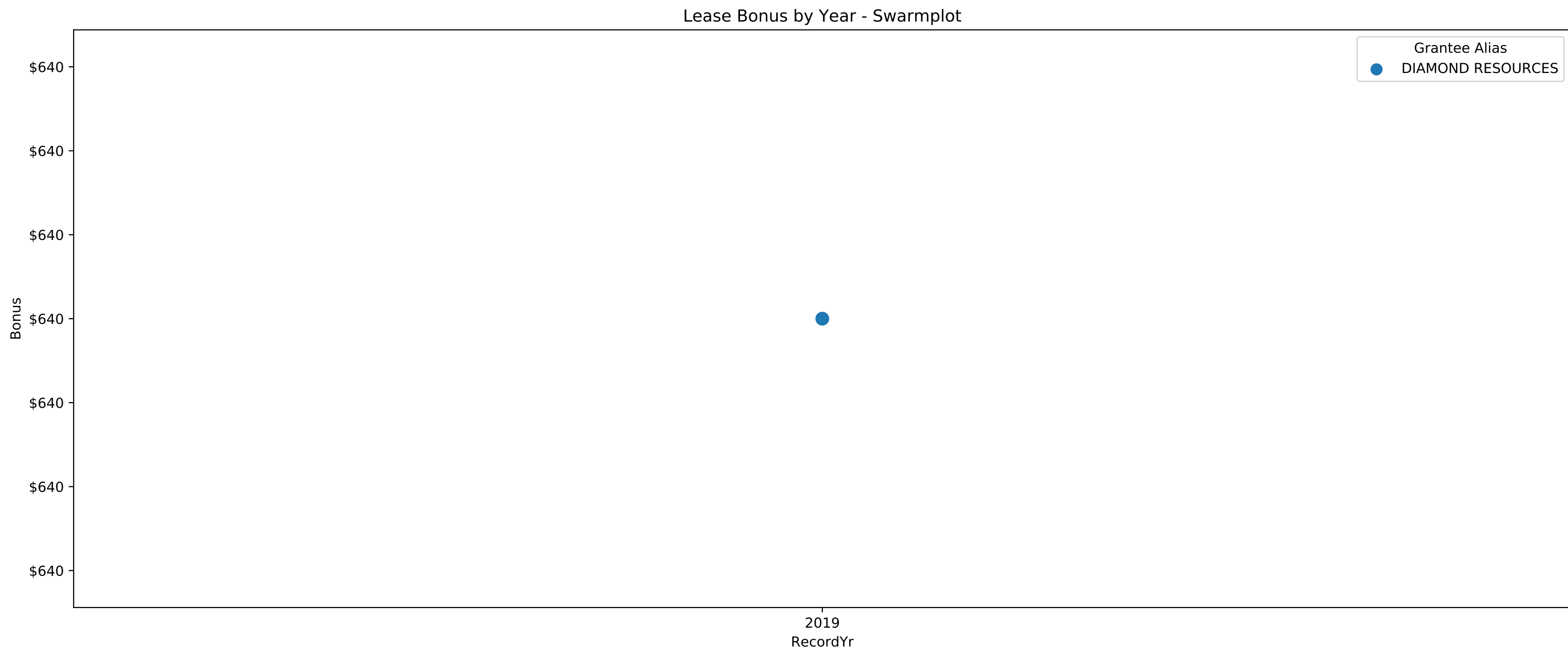
Lease Summary for tract 103  
Total Number of Leases: 4  
Average Price \$640/acre in 2019



# Old Production Outside of Tract 103 - 3 Mi Radius

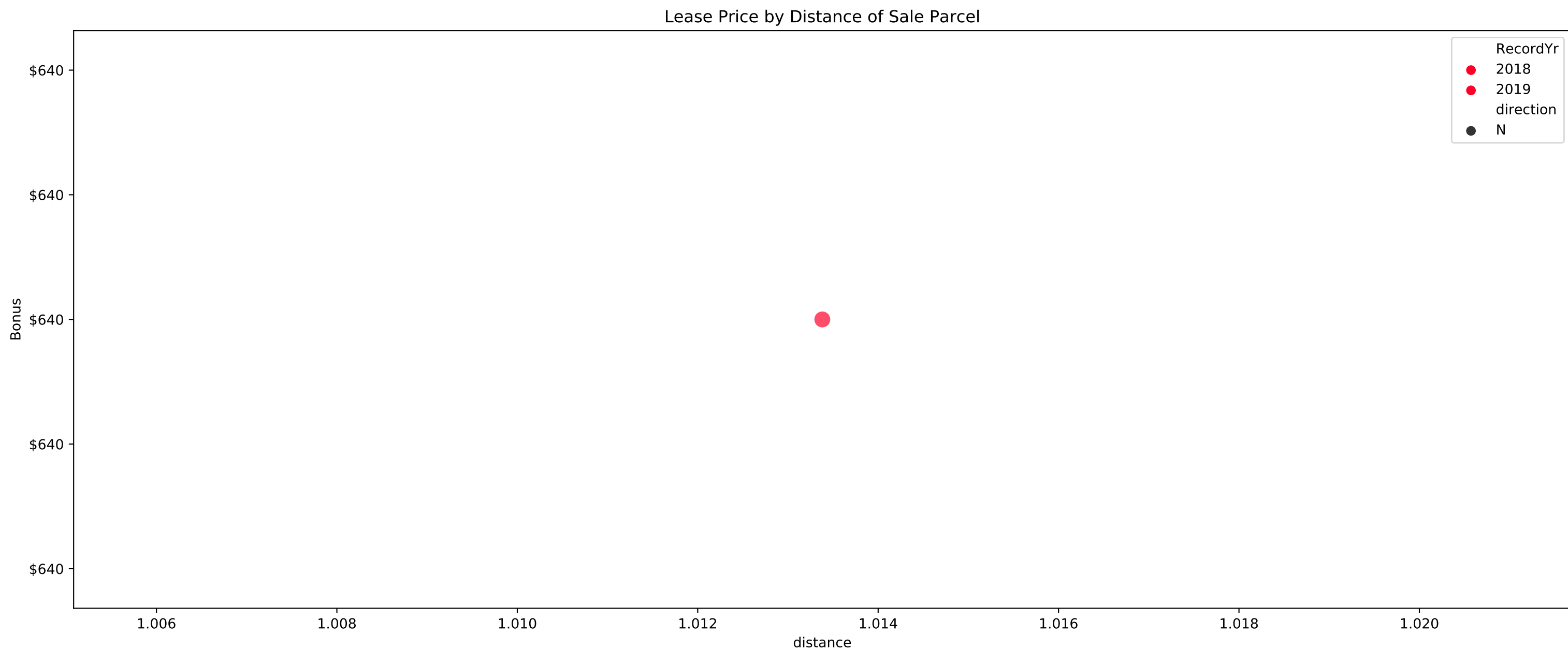
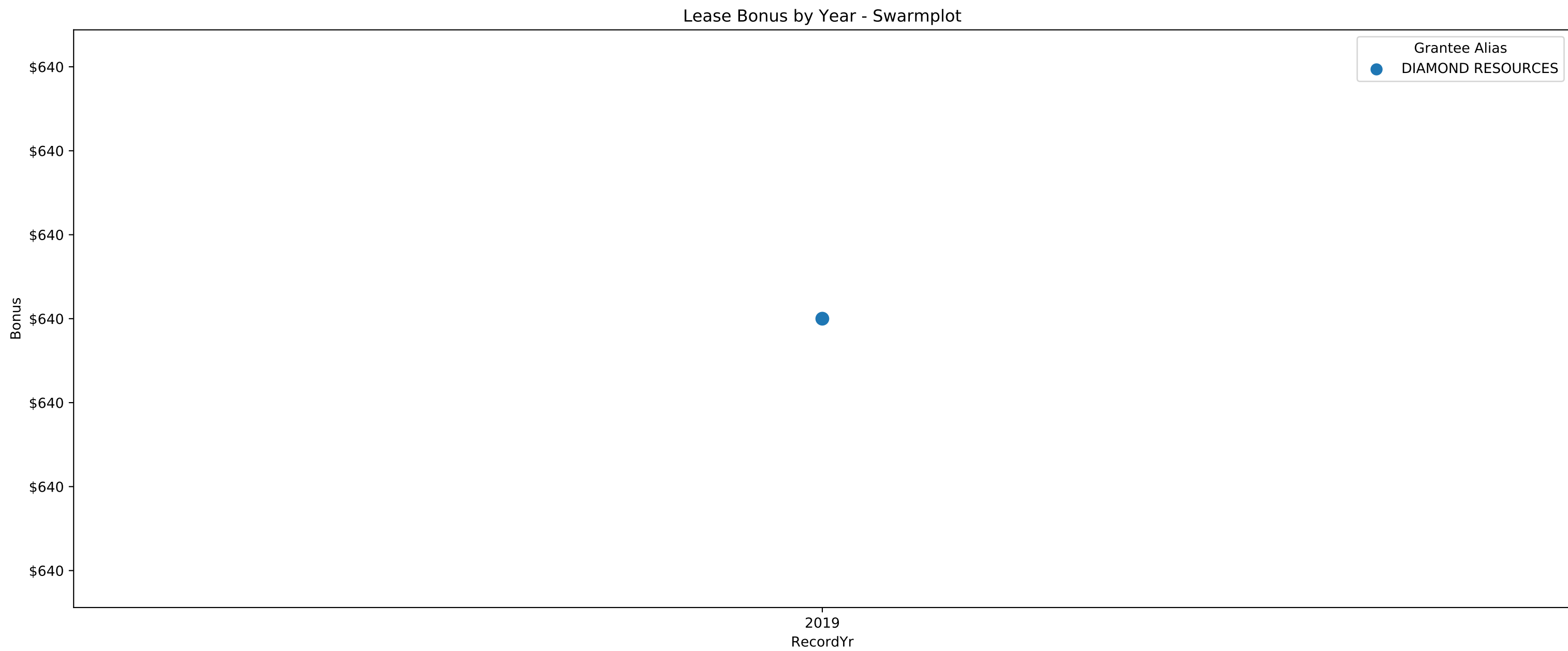


Lease Summary for tract 104  
Total Number of Leases: 1  
Average Price \$640/acre in 2019

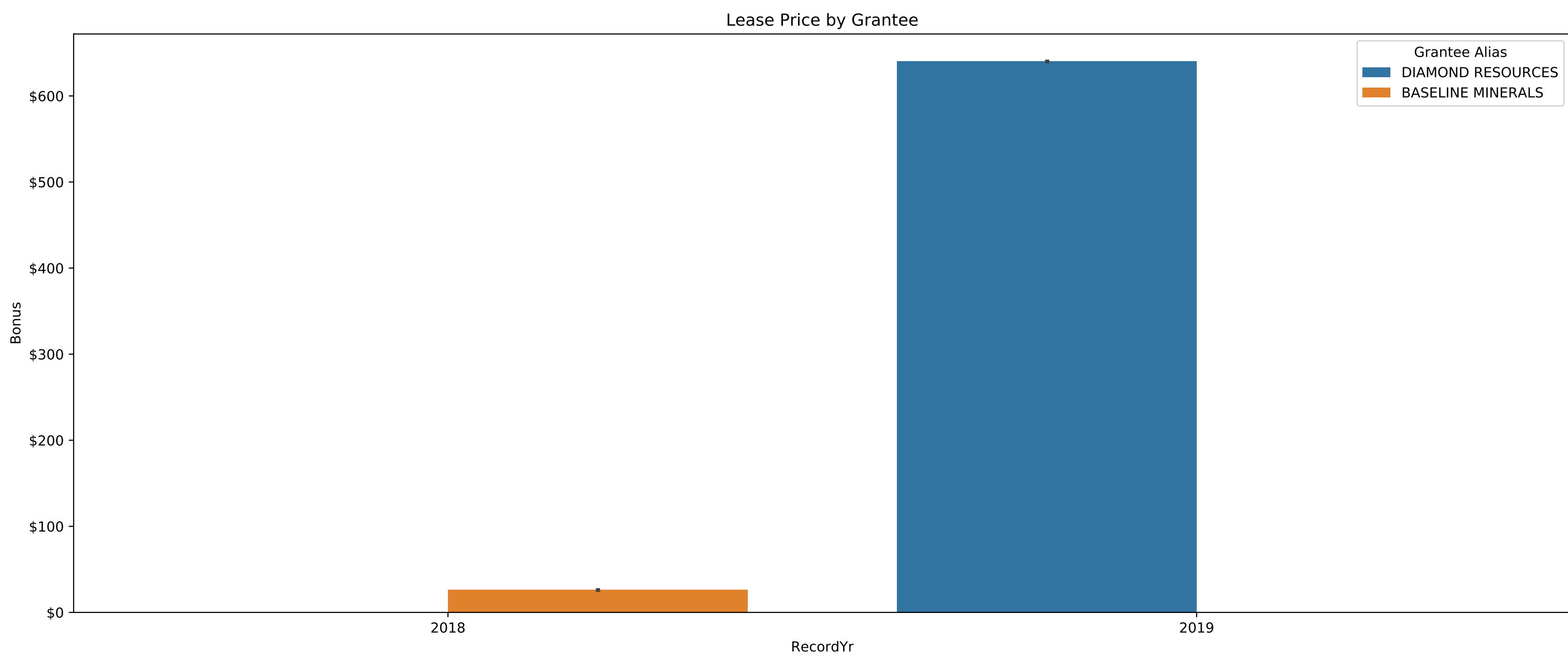
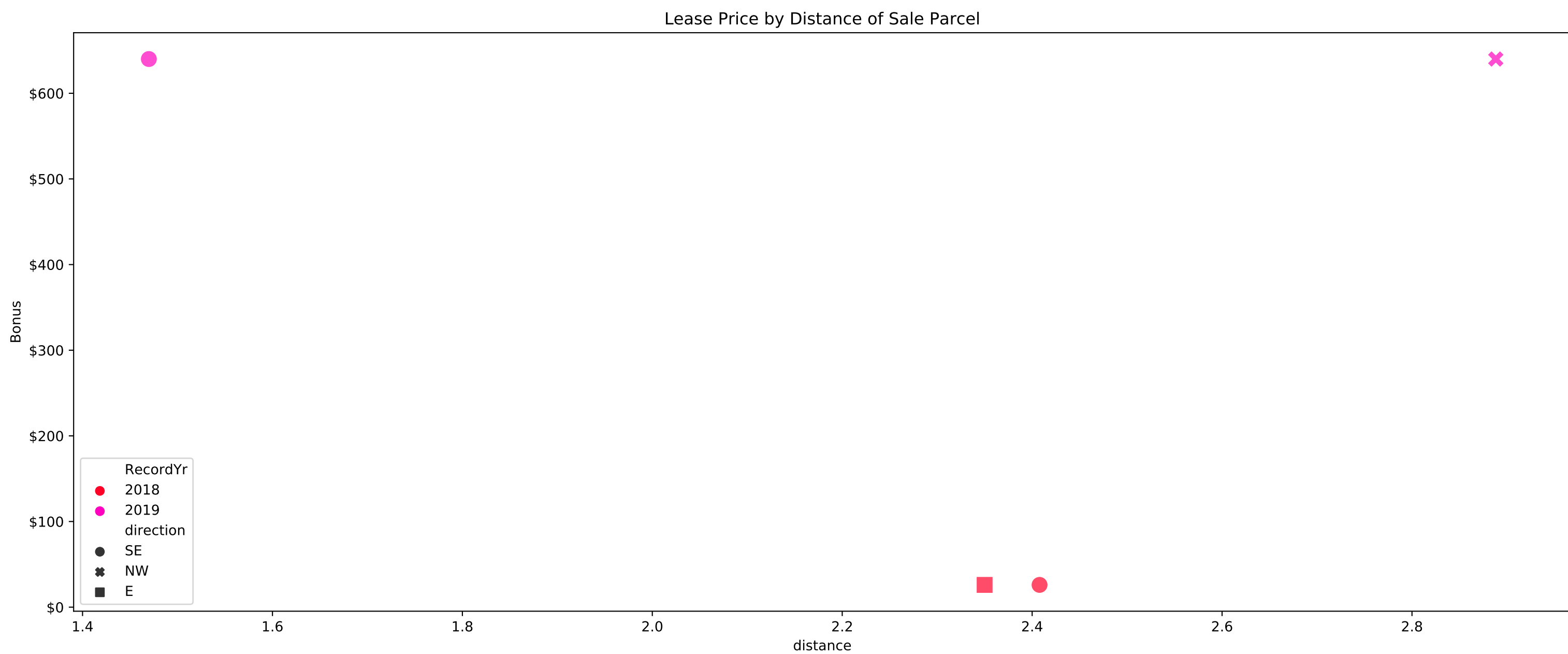
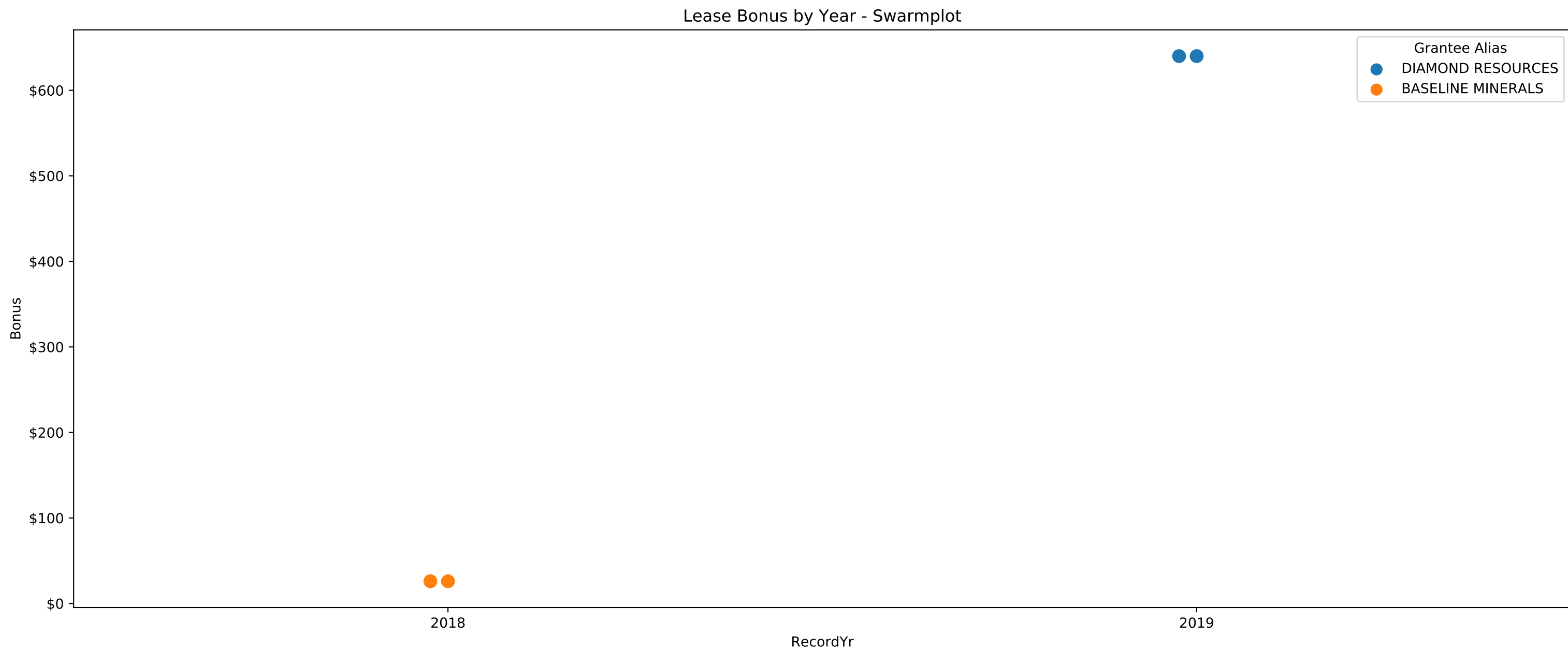




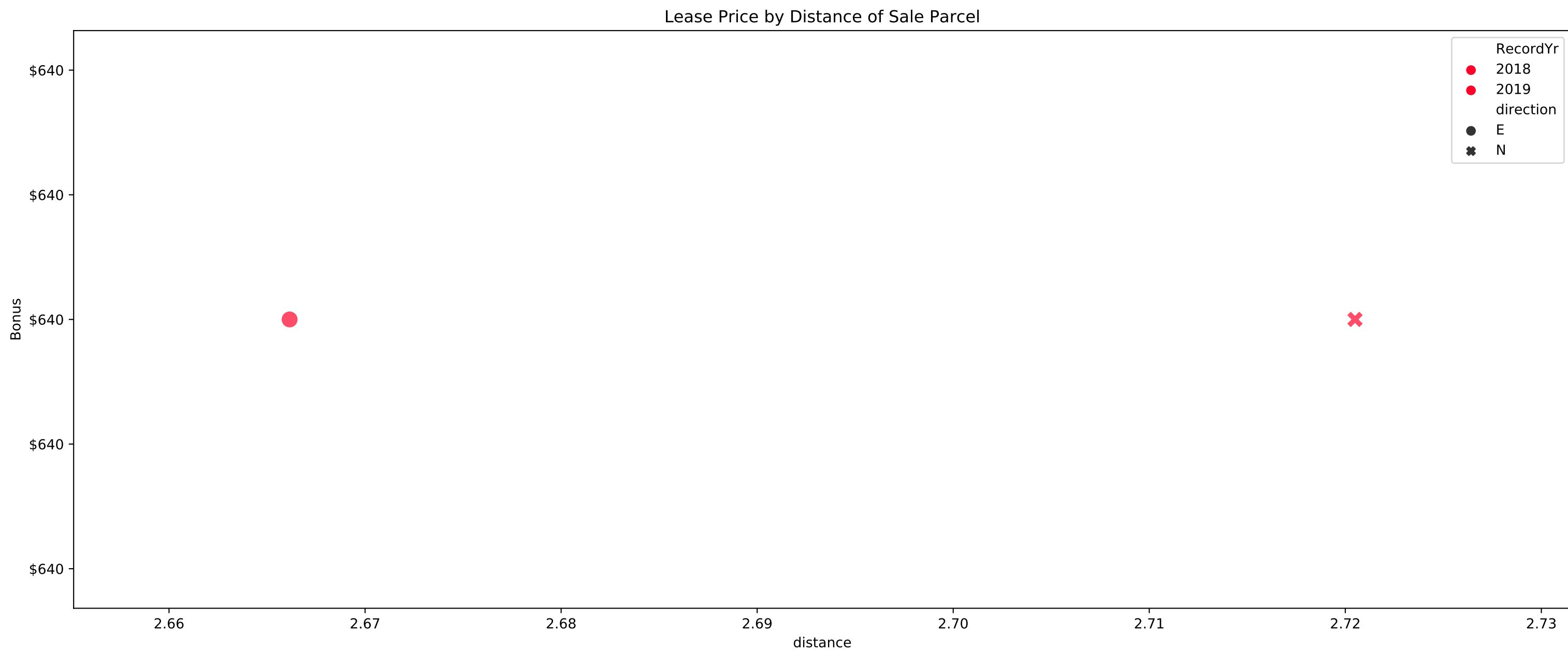
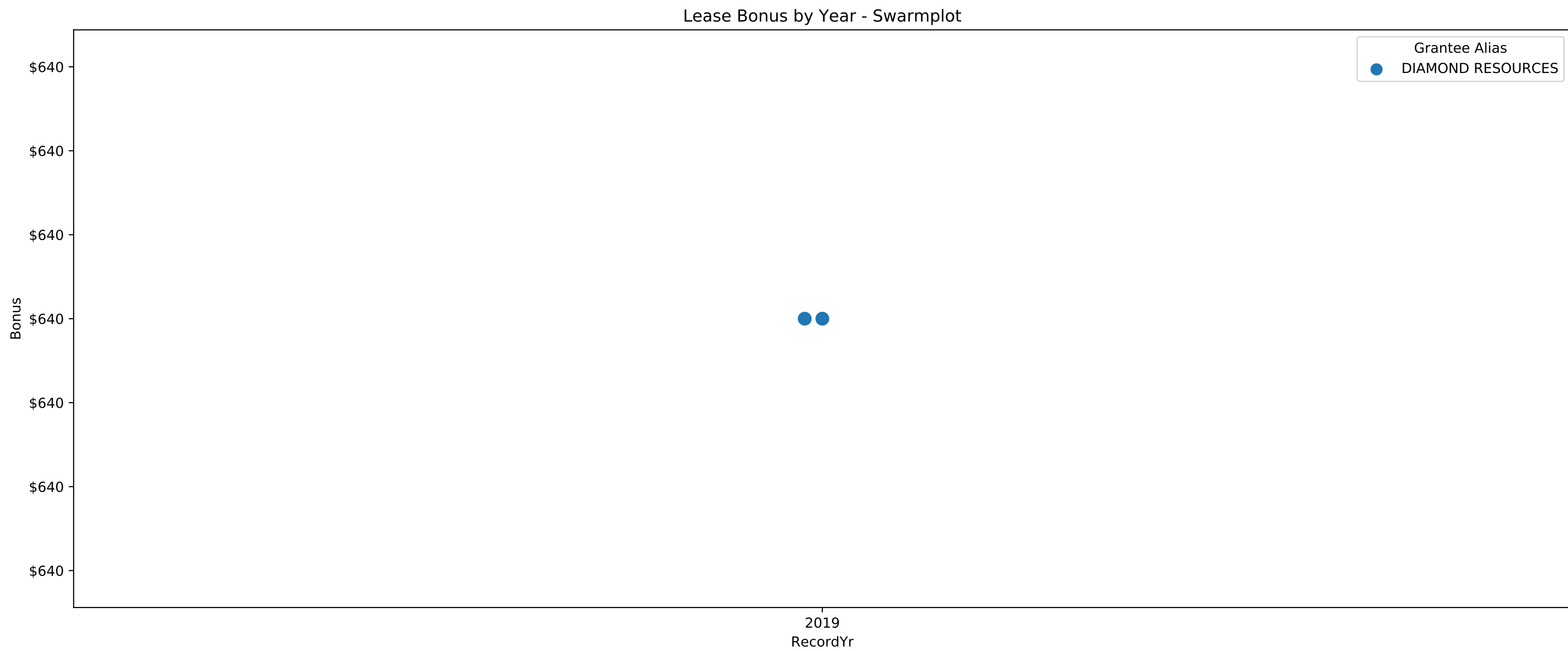
Lease Summary for tract 105  
Total Number of Leases: 1  
Average Price \$640/acre in 2019



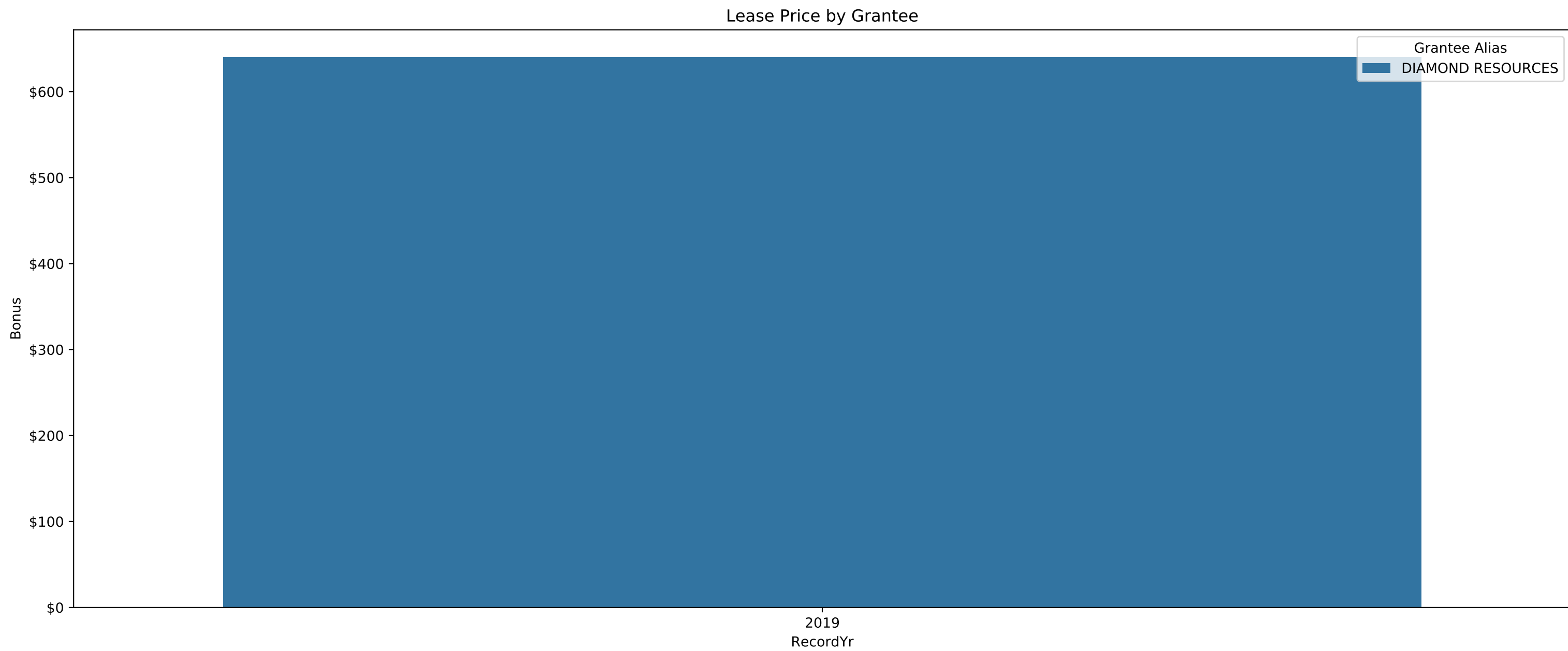
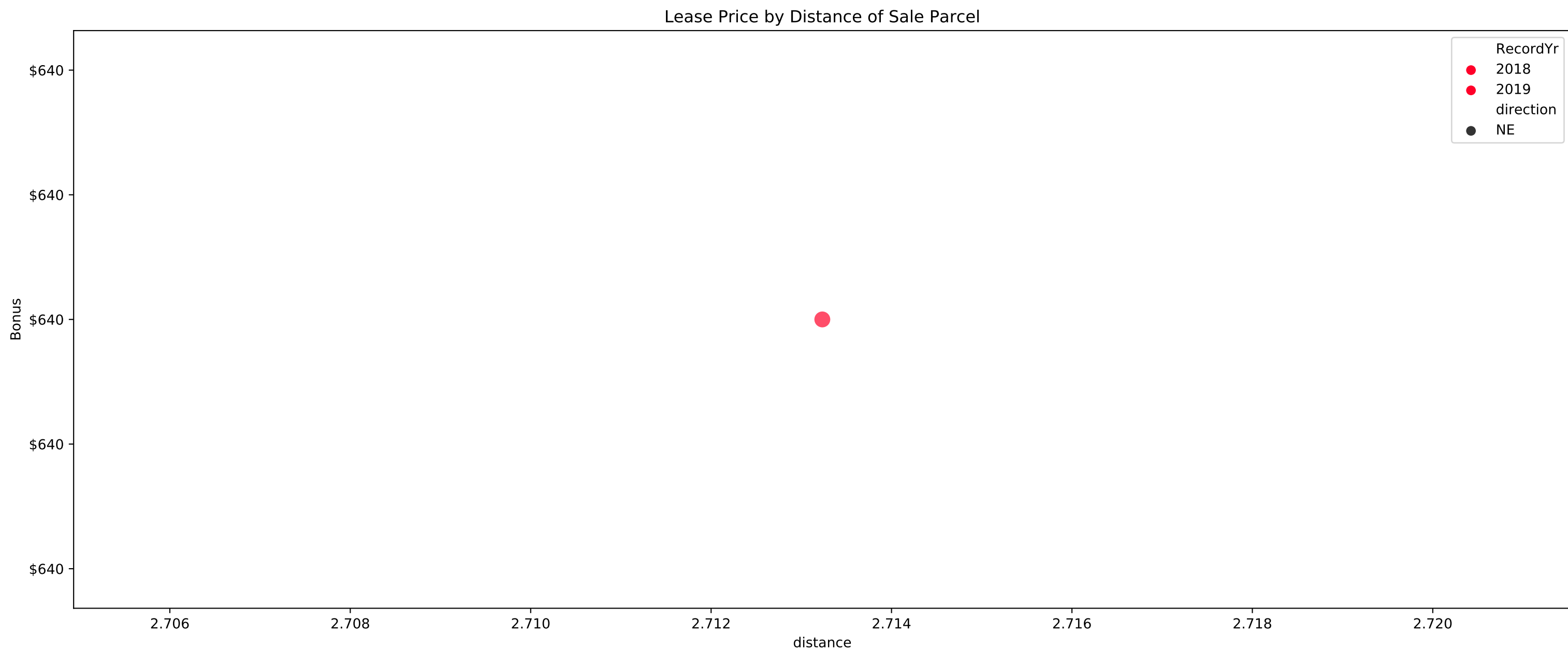
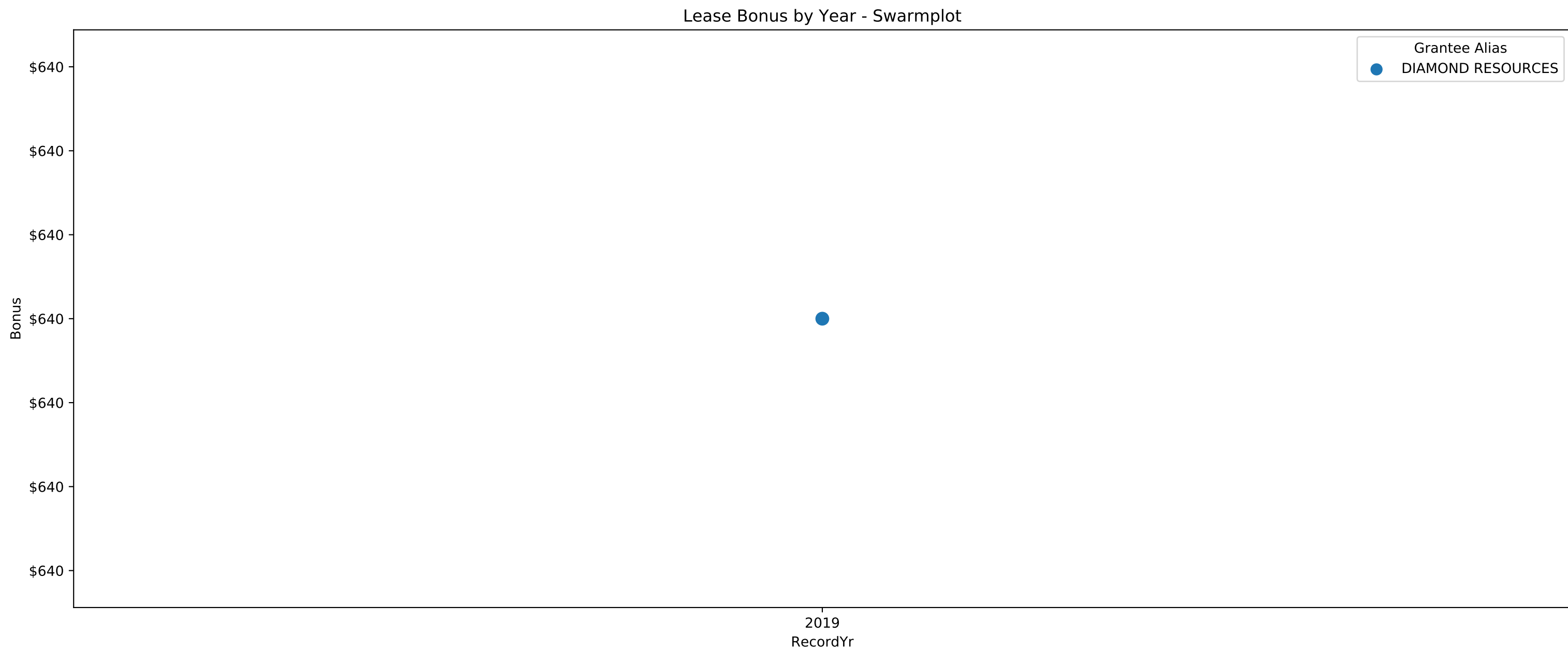
Lease Summary for tract 106  
Total Number of Leases: 4  
Average Price \$640/acre in 2019



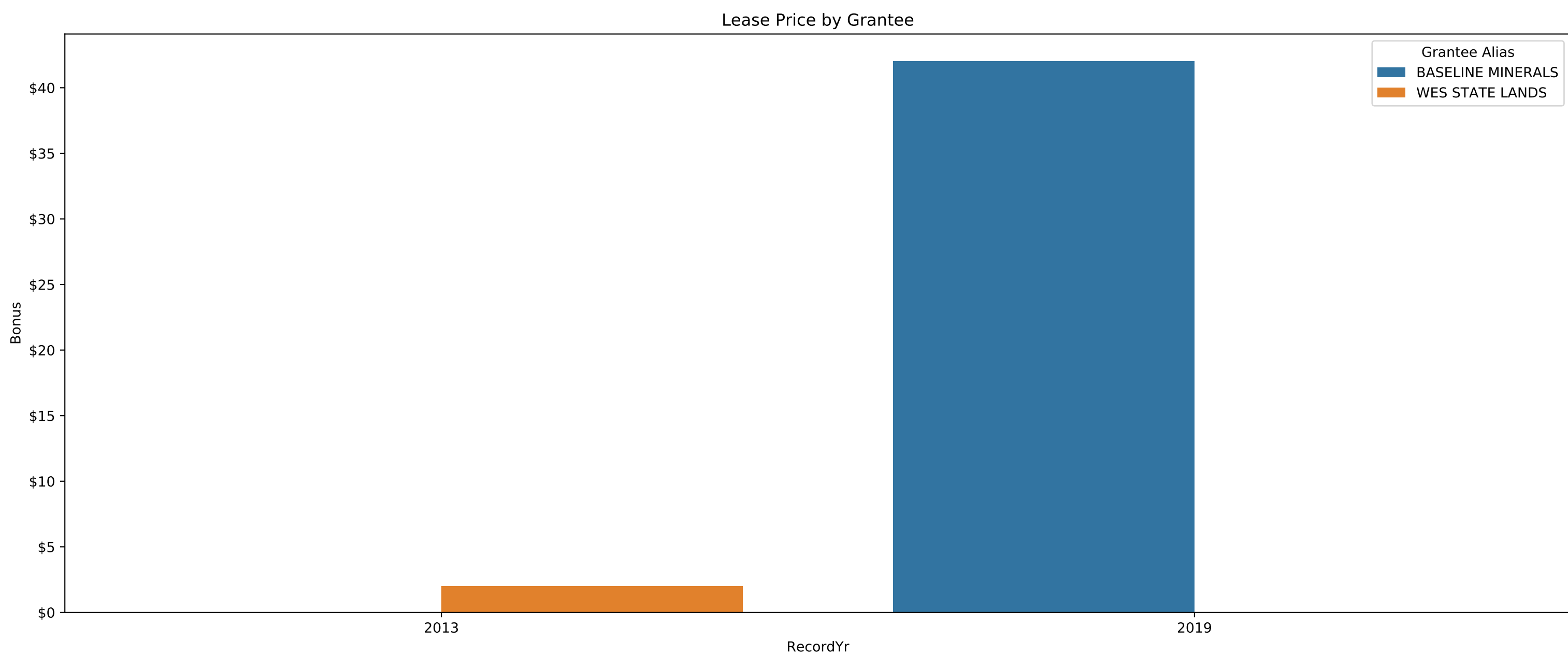
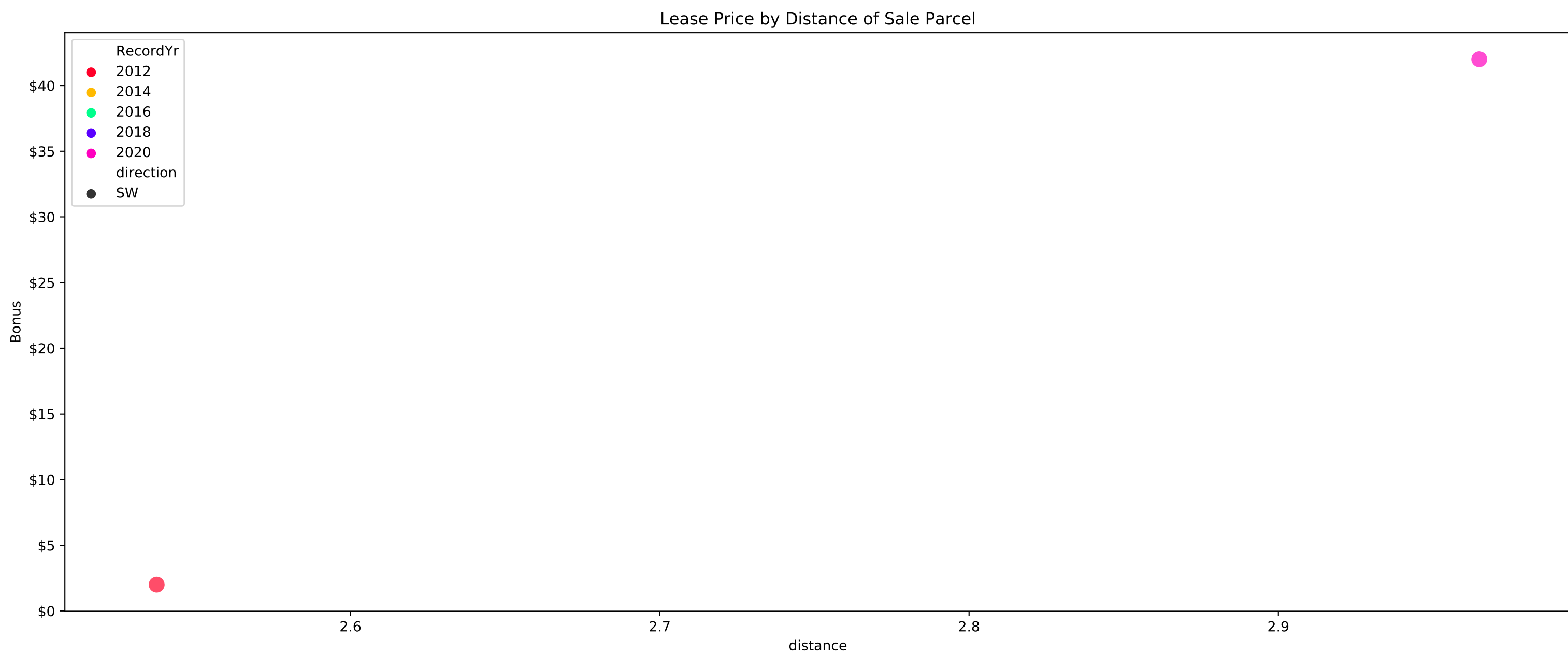
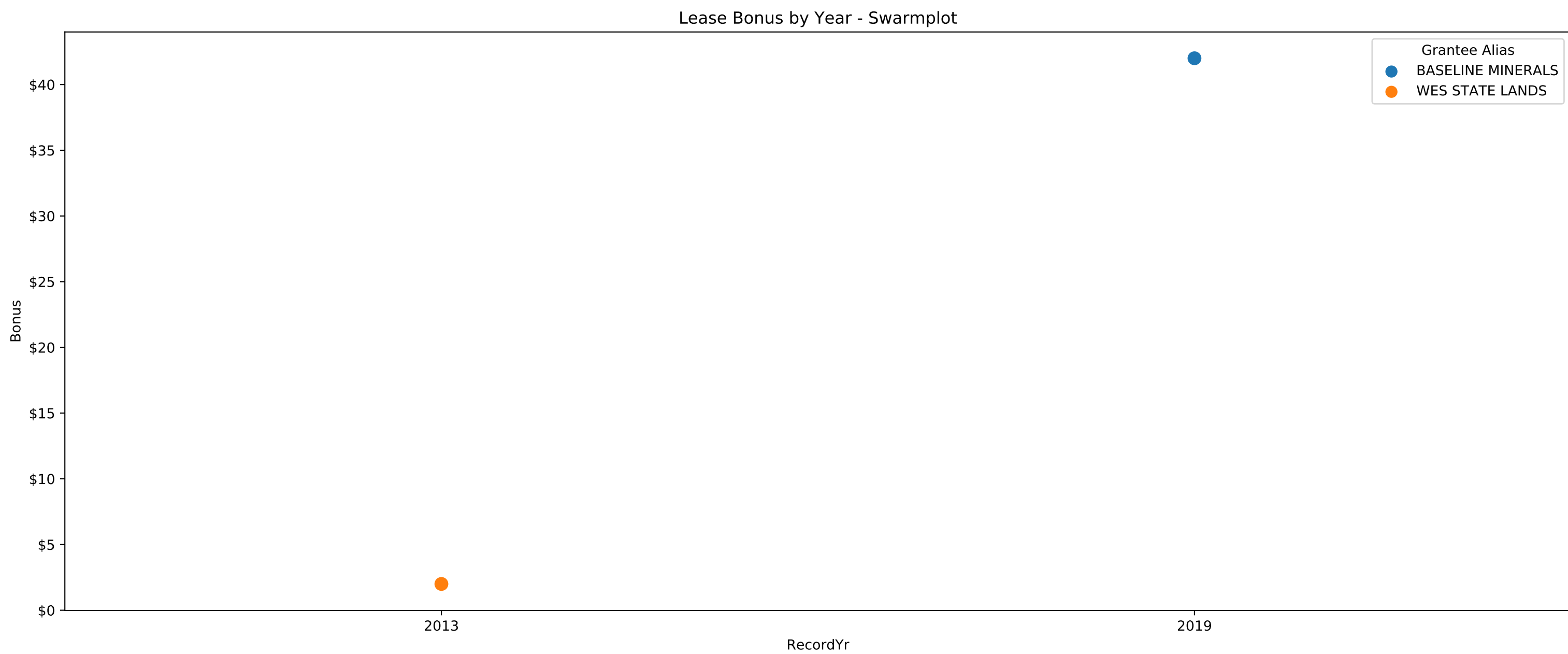
Lease Summary for tract 44  
Total Number of Leases: 2  
Average Price \$640/acre in 2019



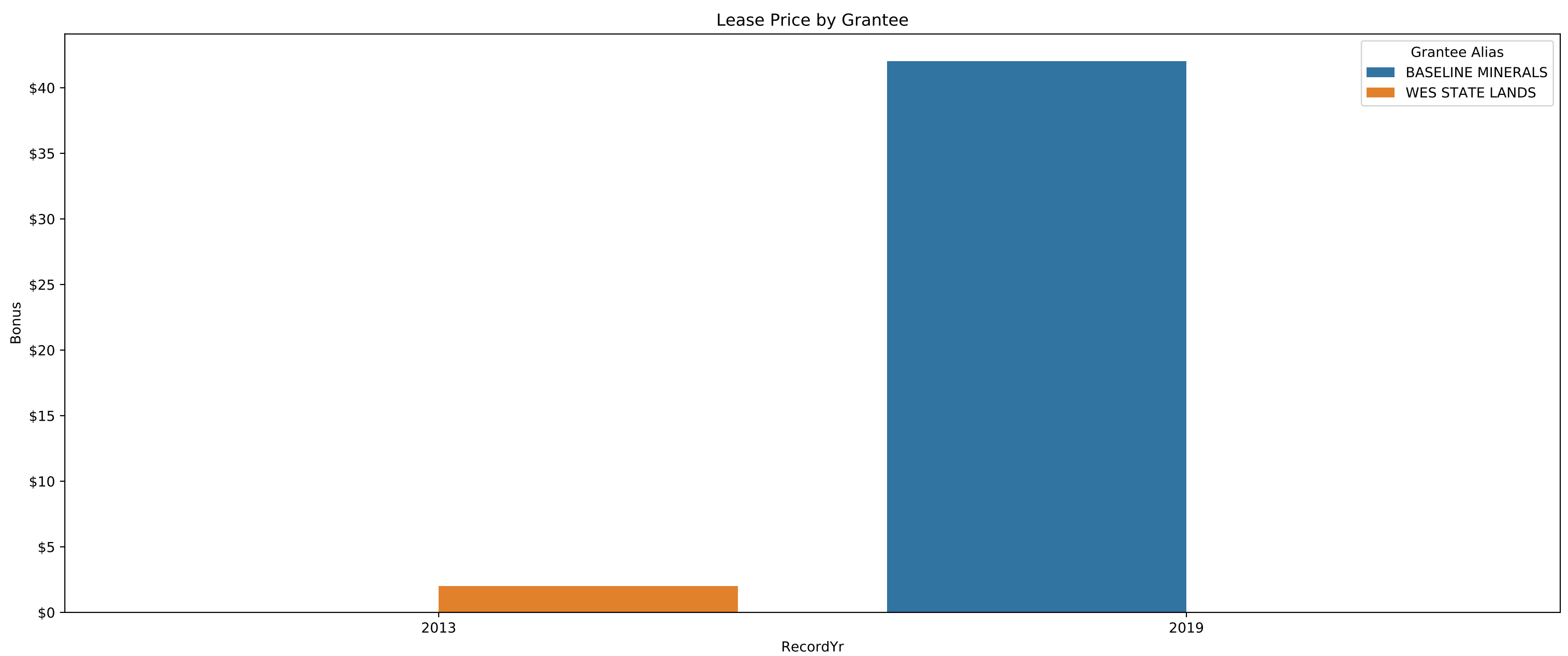
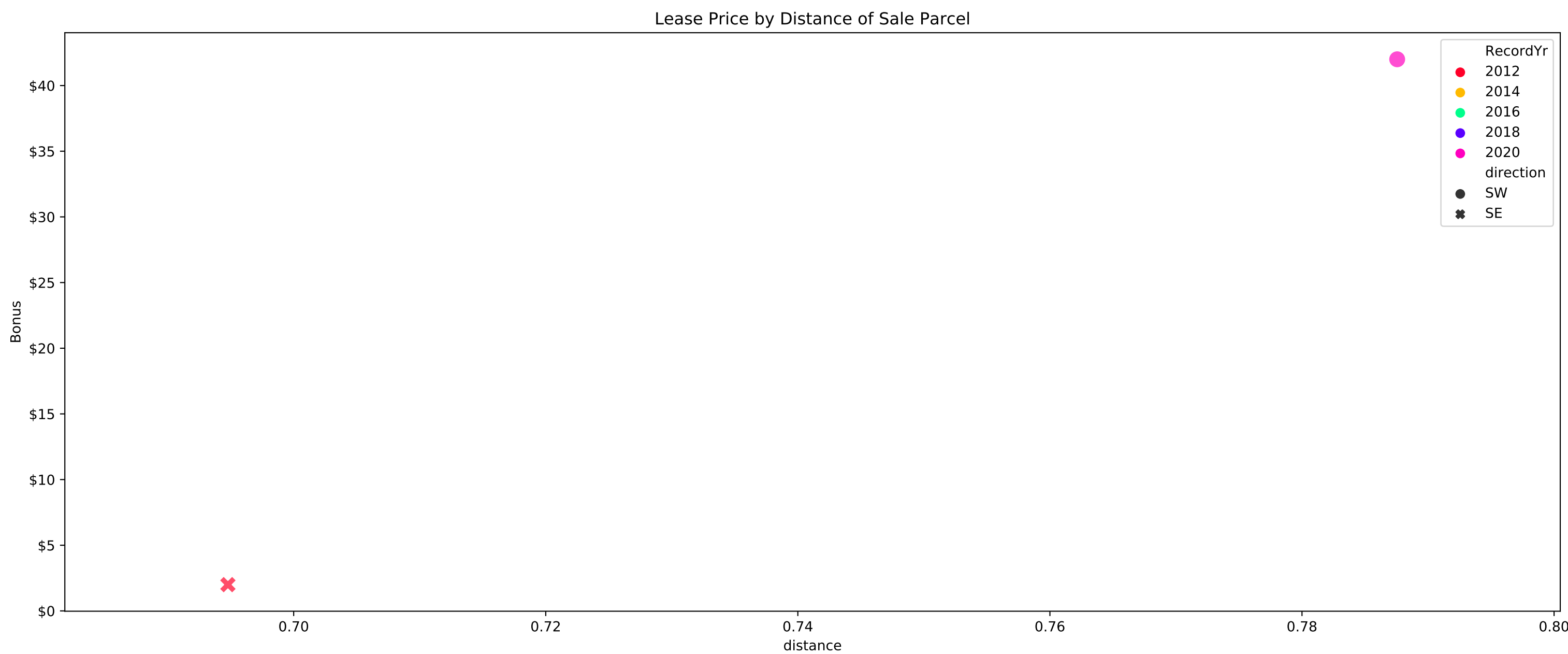
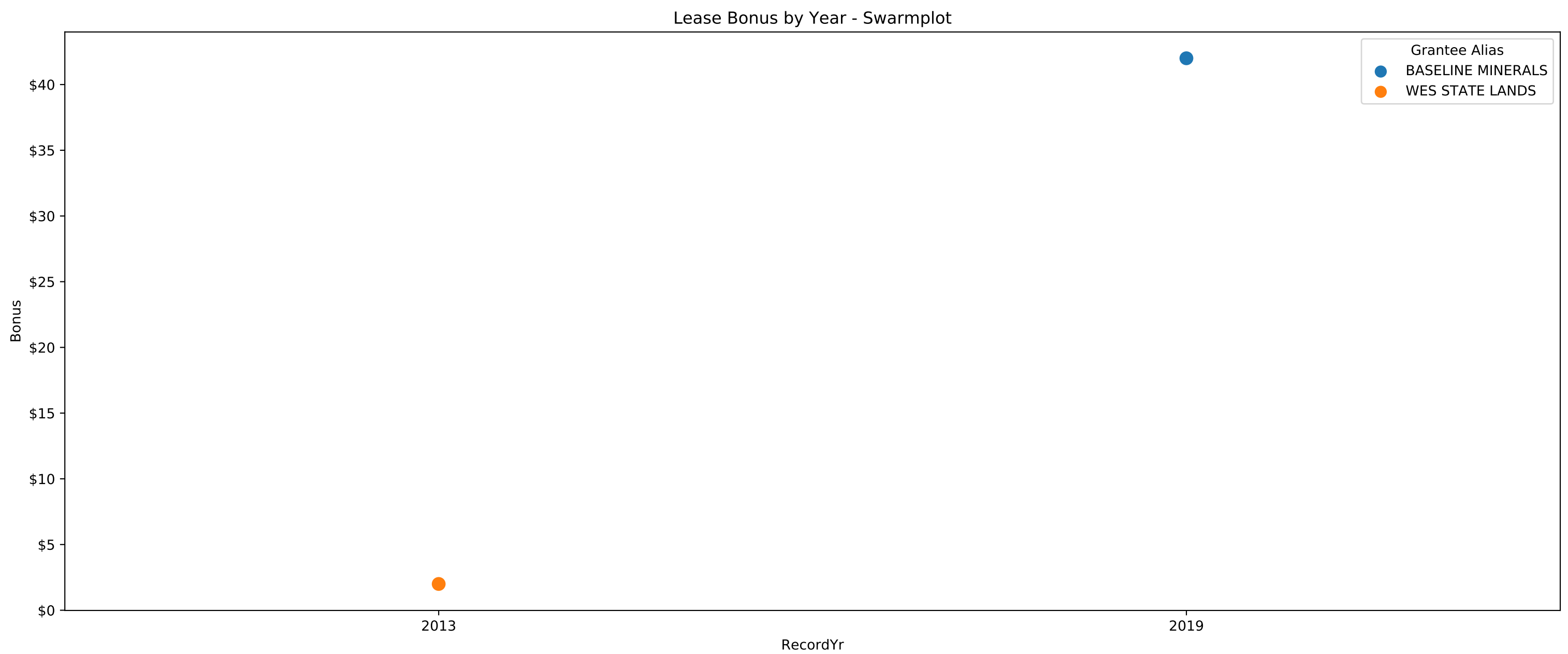
Lease Summary for tract 107  
Total Number of Leases: 1  
Average Price \$640/acre in 2019



Lease Summary for tract 130  
Total Number of Leases: 2  
Average Price \$42/acre in 2019

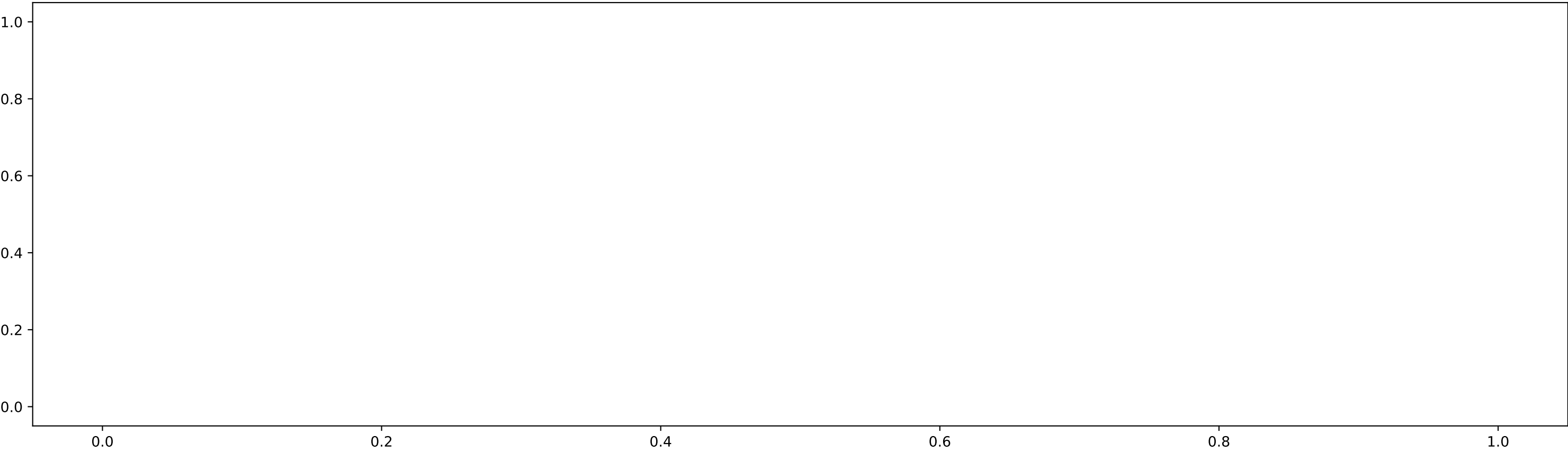


Lease Summary for tract 133  
Total Number of Leases: 2  
Average Price \$42/acre in 2019

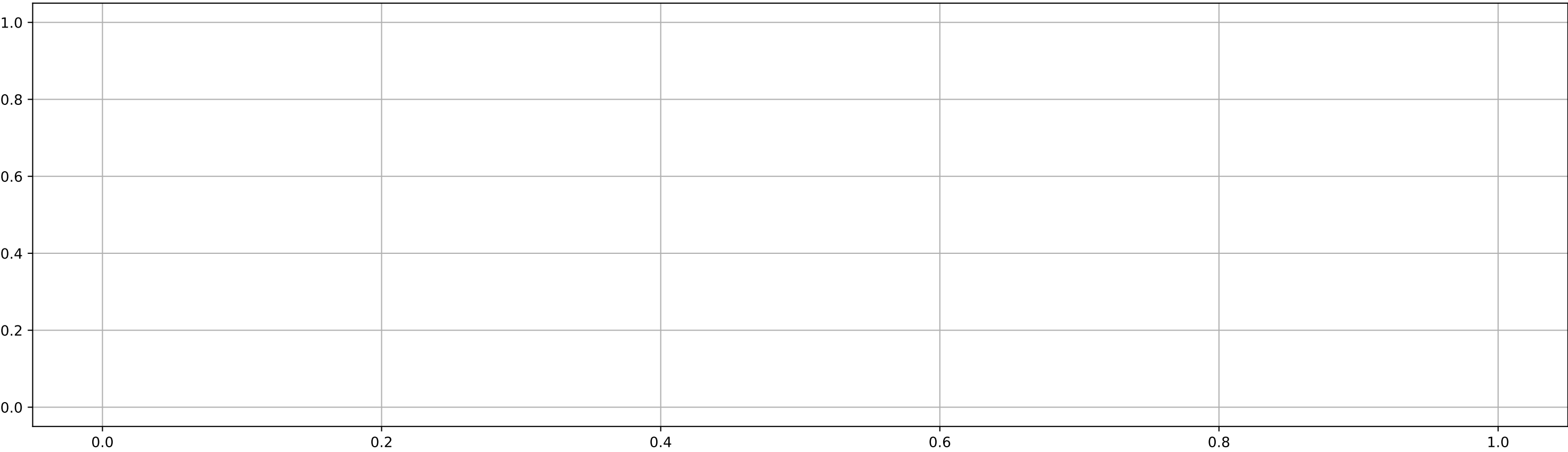


Old Production Outside of Tract 133 - 3 Mi Radius

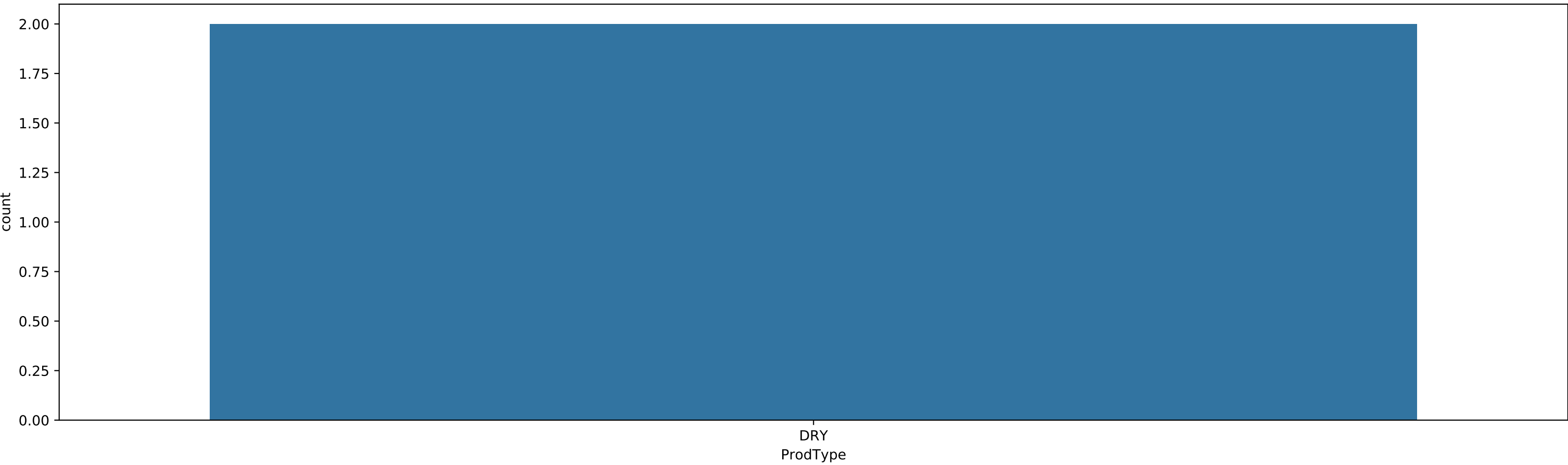
Cumulative Oil vs. Months Produced



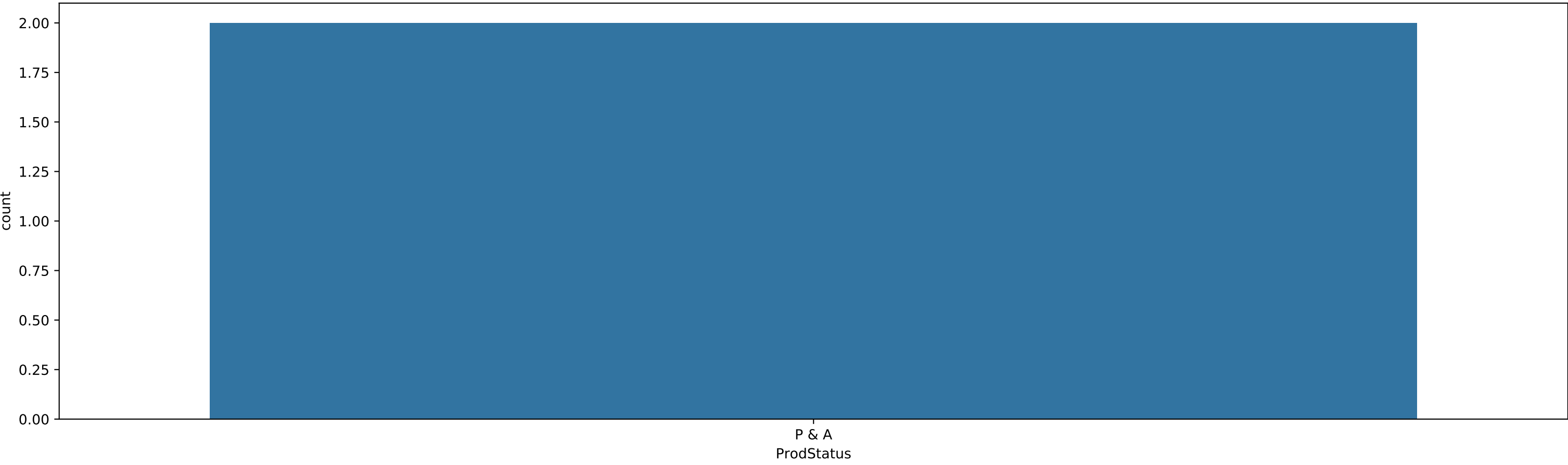
Cumulative Gas vs. Months Produced



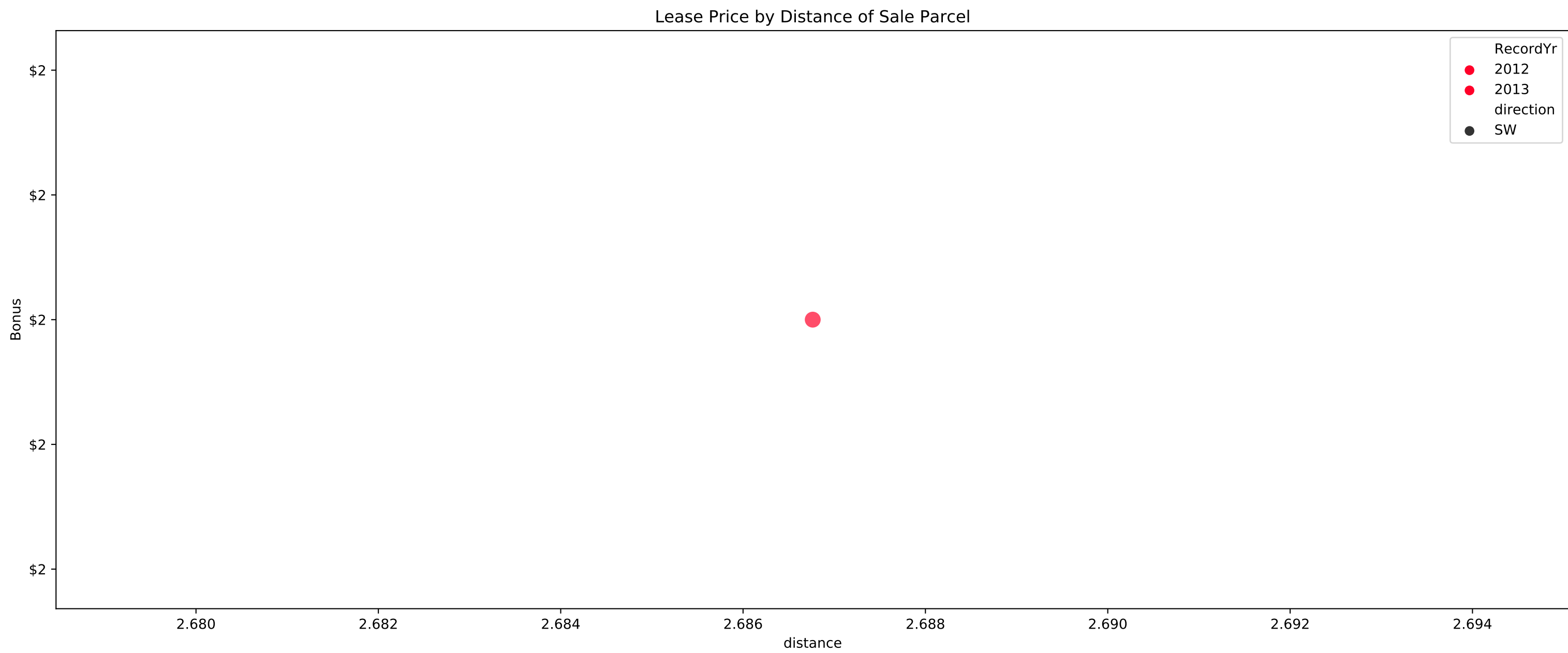
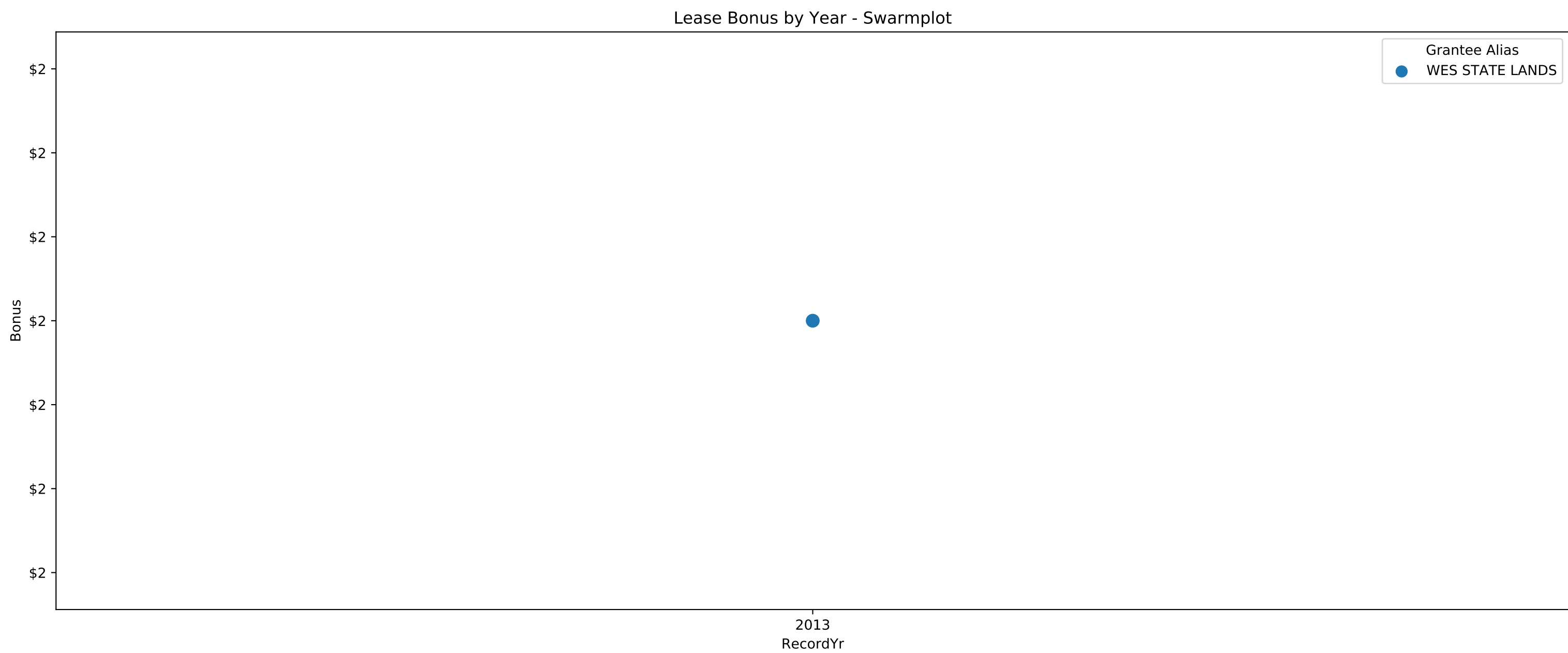
Production Types Around Tract



Status of Wells

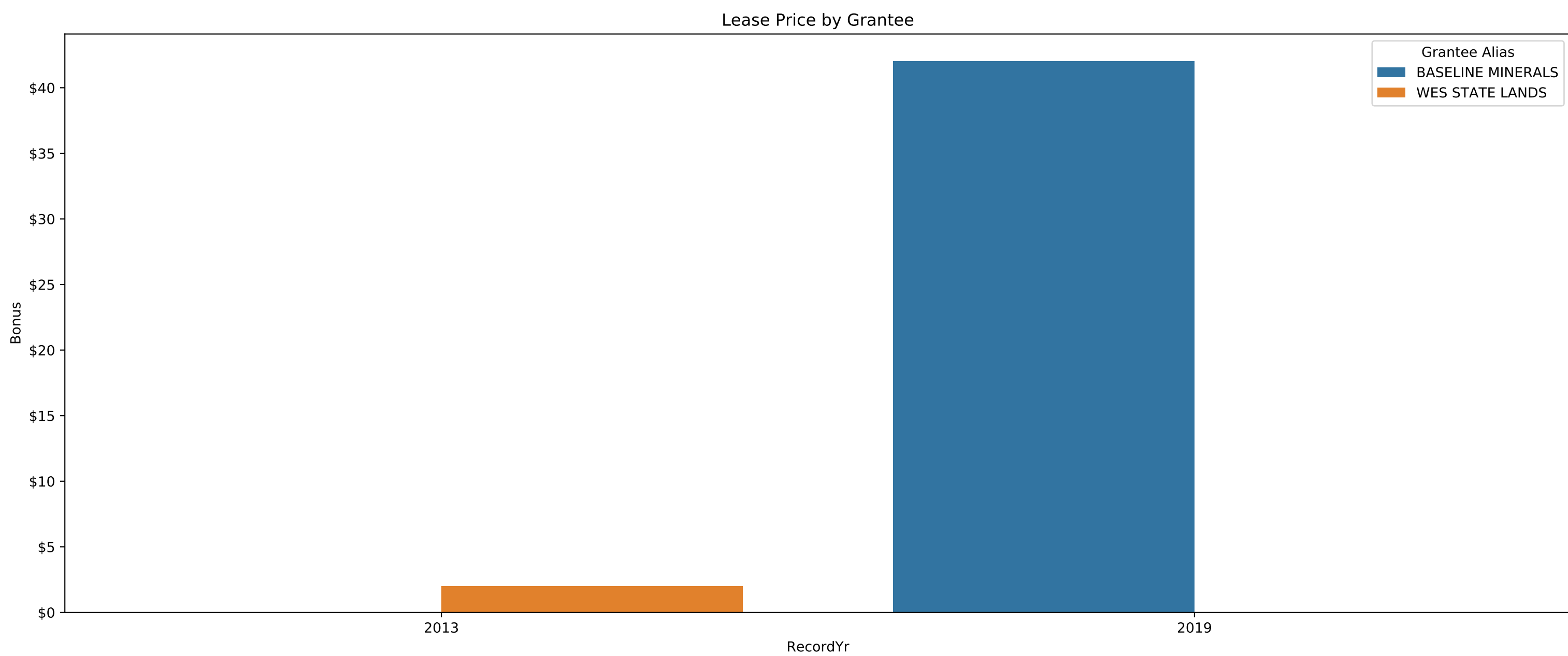
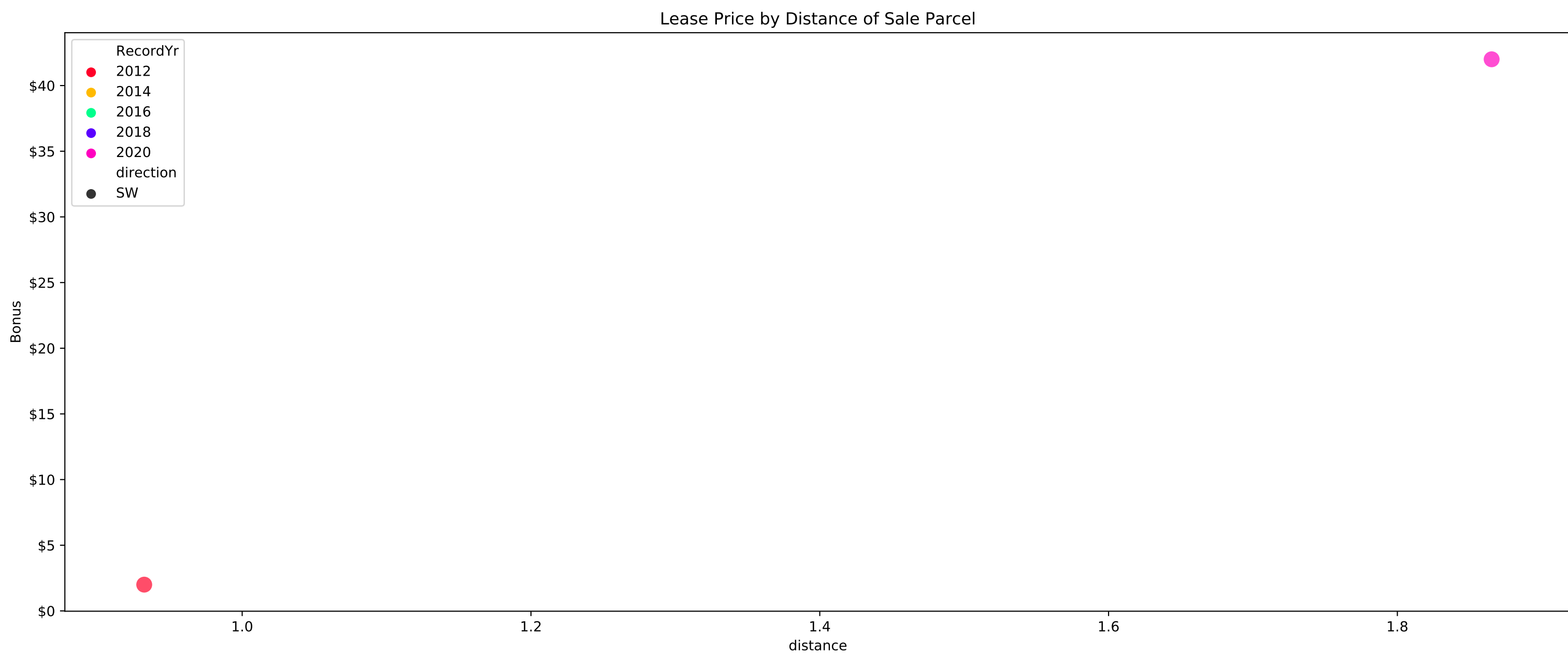
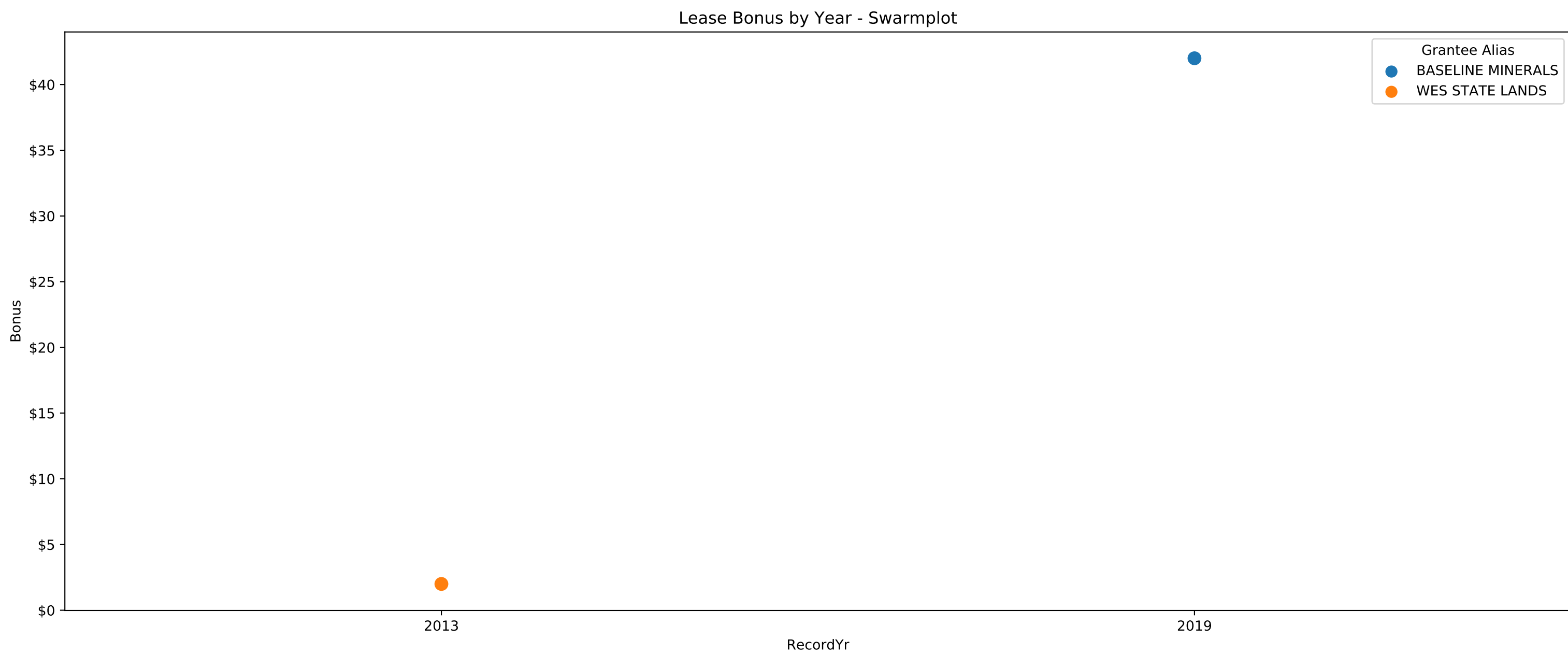


Lease Summary for tract 109  
Total Number of Leases: 1  
Average Price \$2/acre in 2013

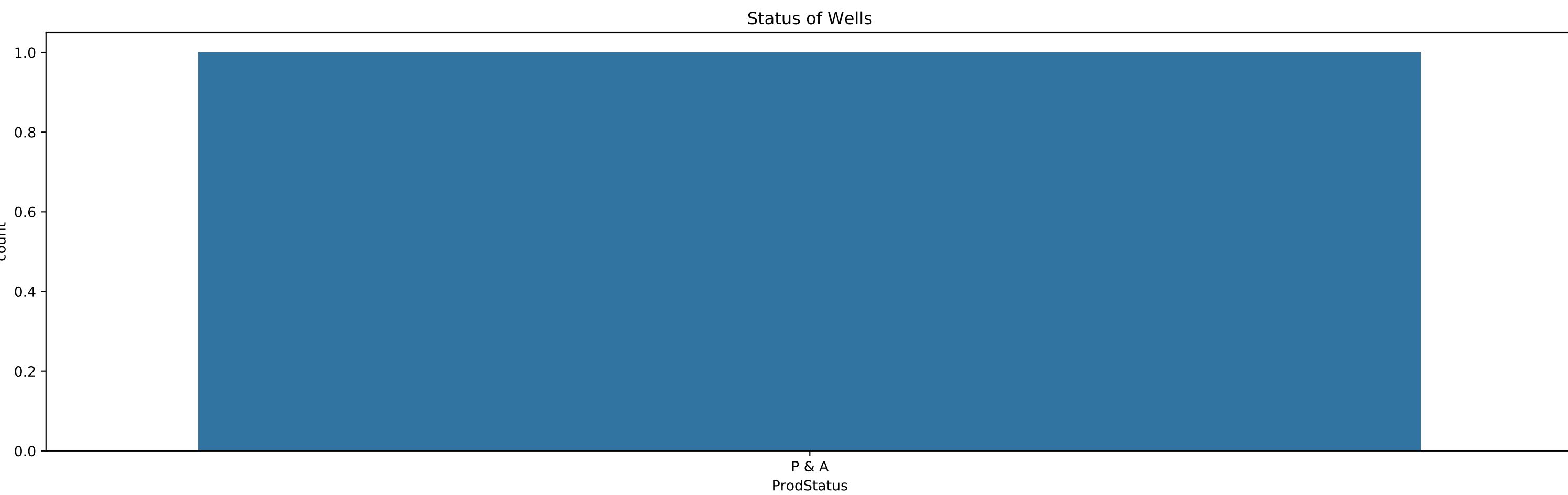
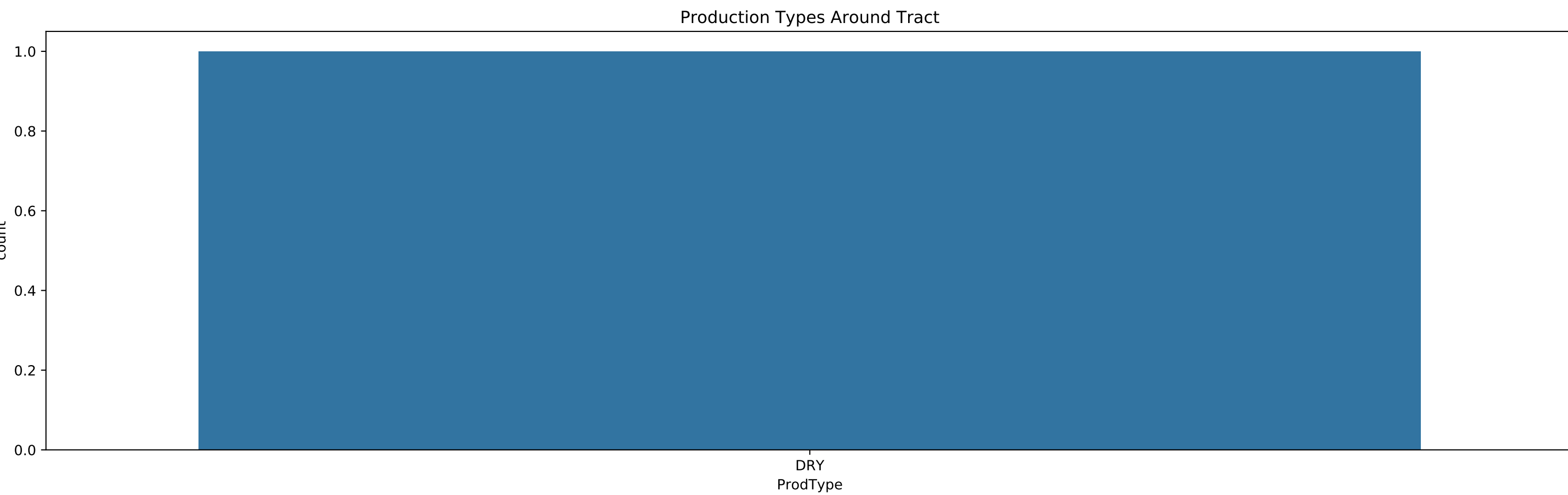
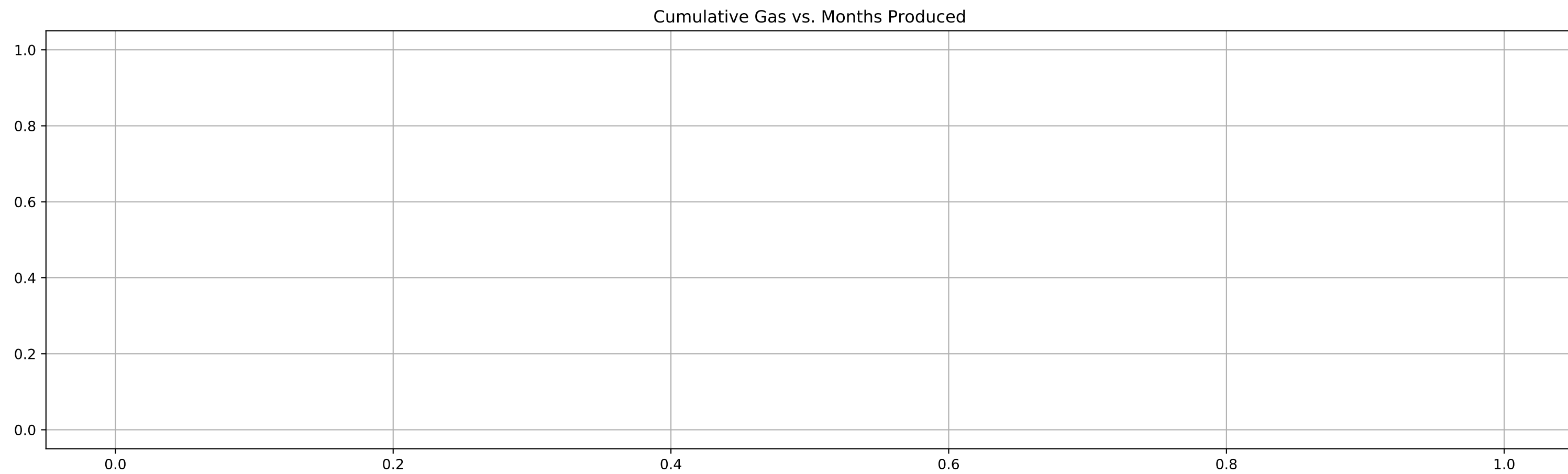
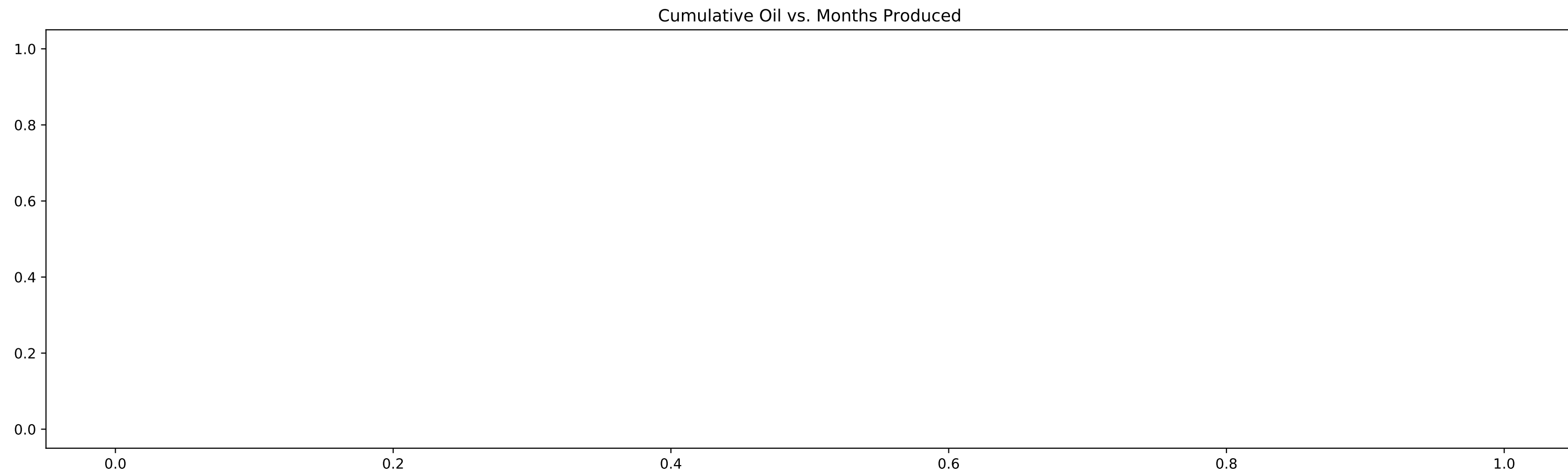




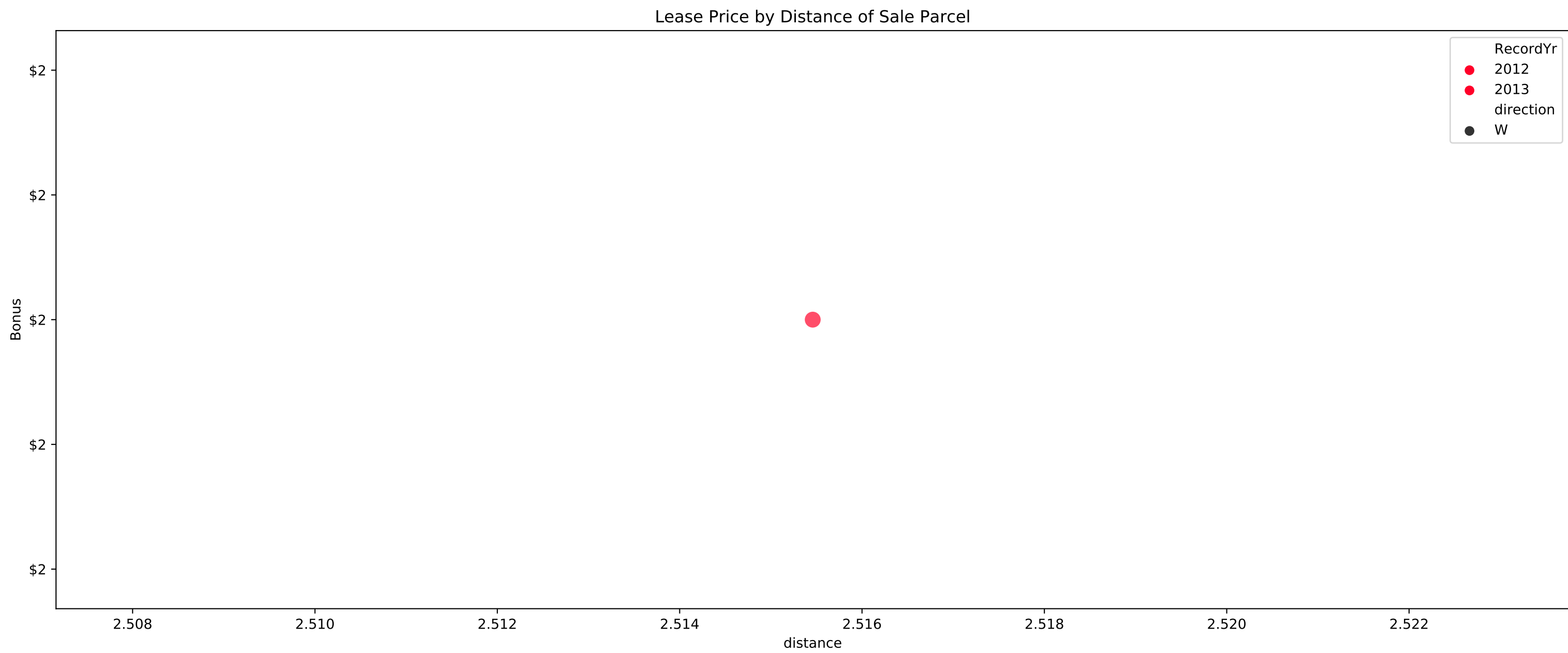
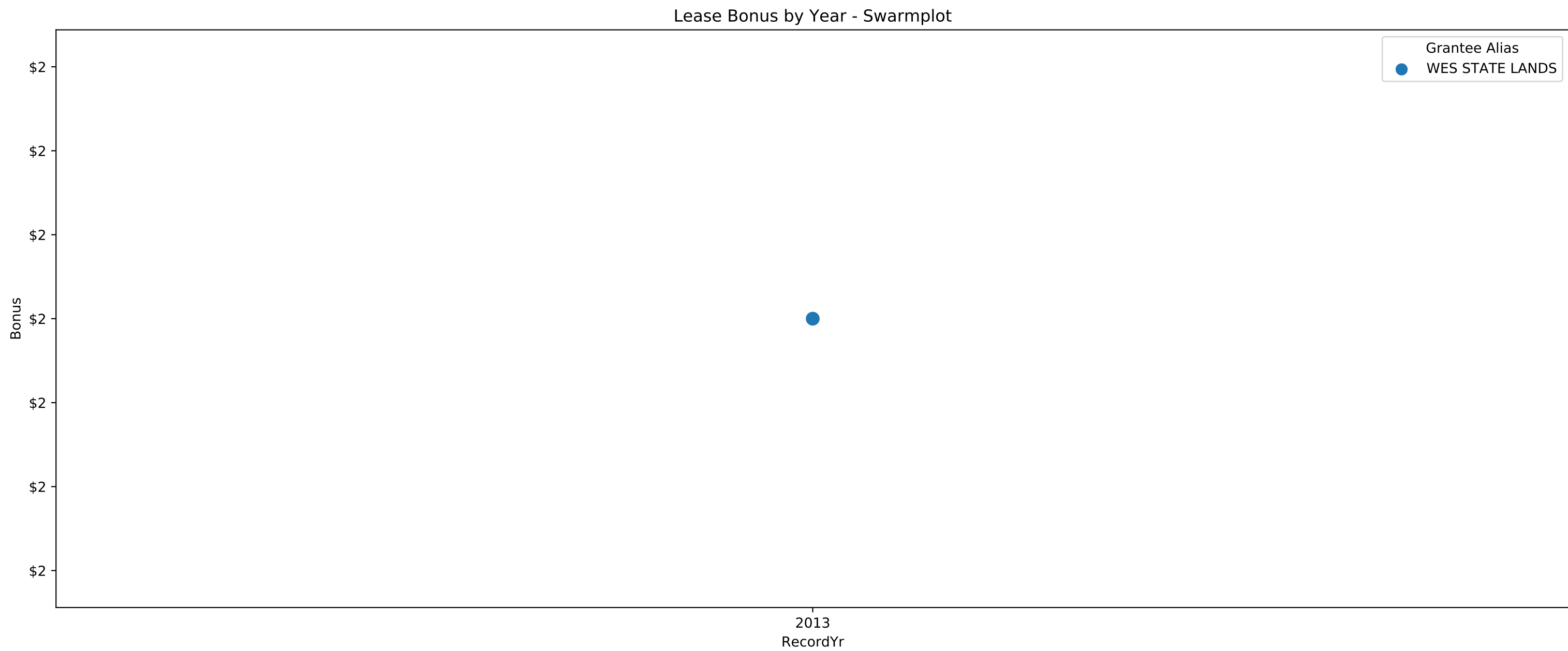
Lease Summary for tract 110  
Total Number of Leases: 2  
Average Price \$42/acre in 2019



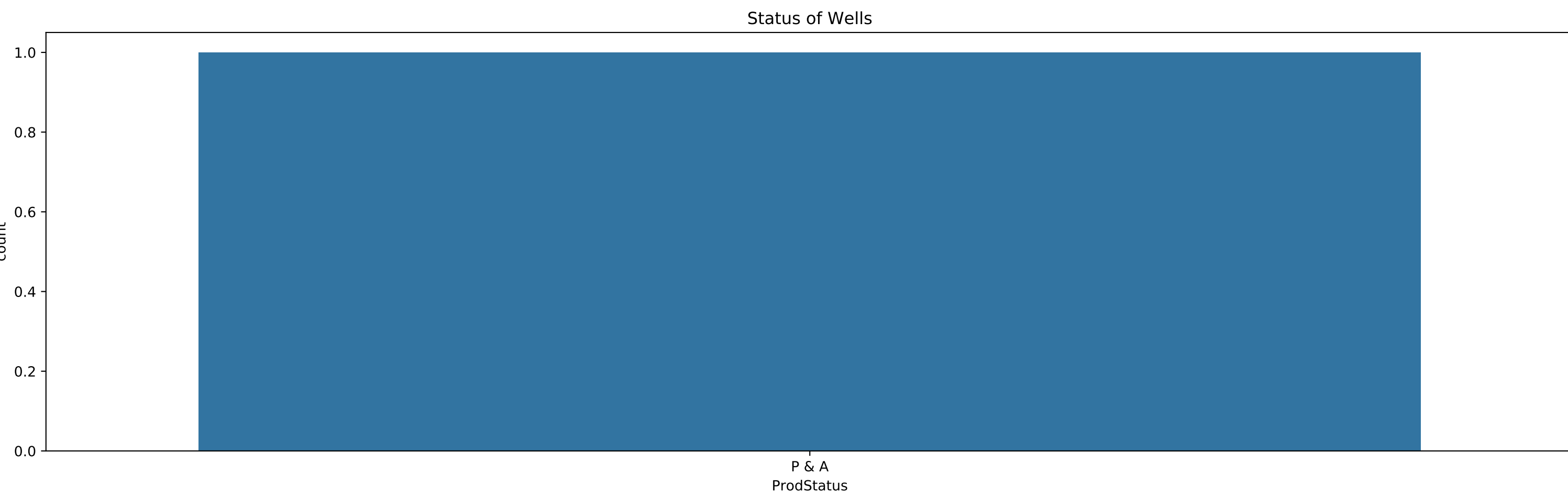
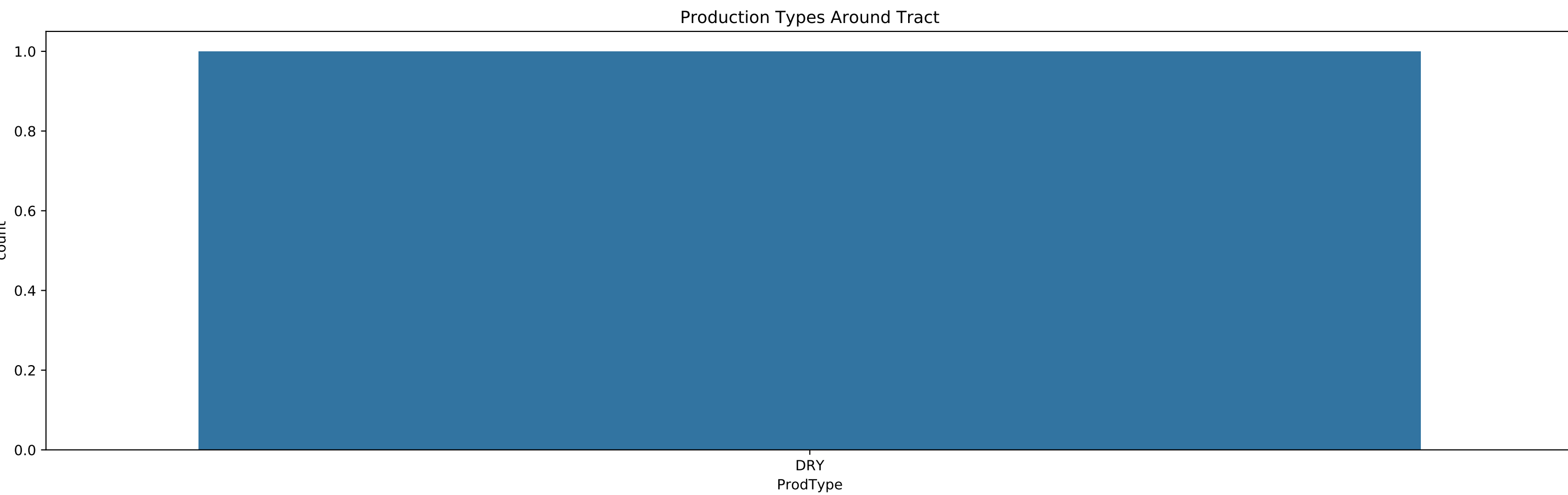
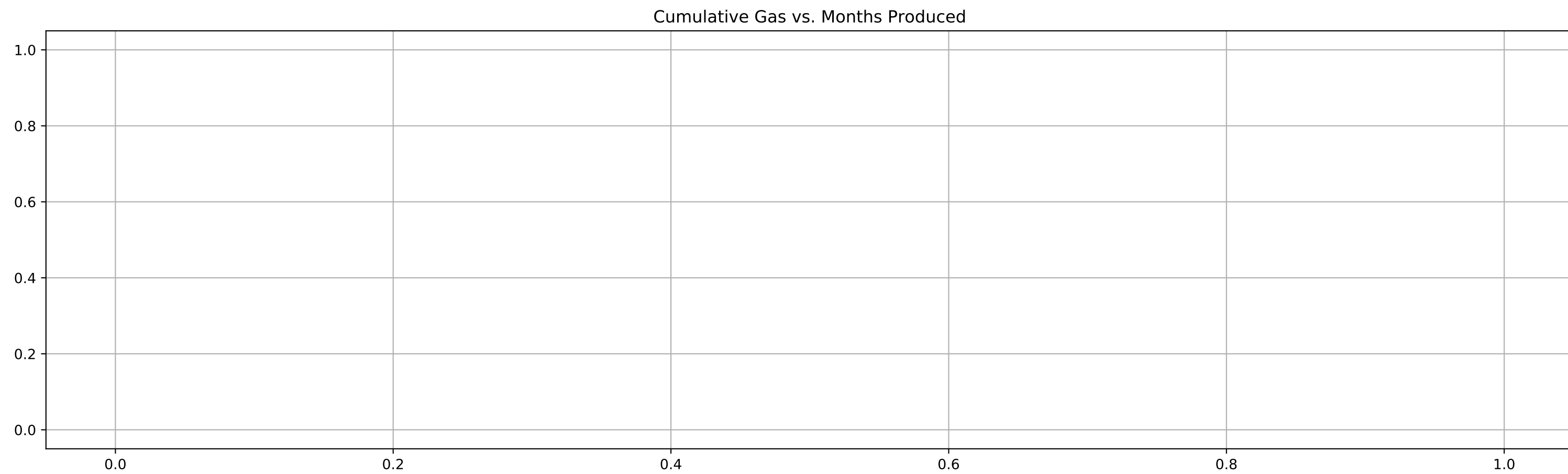
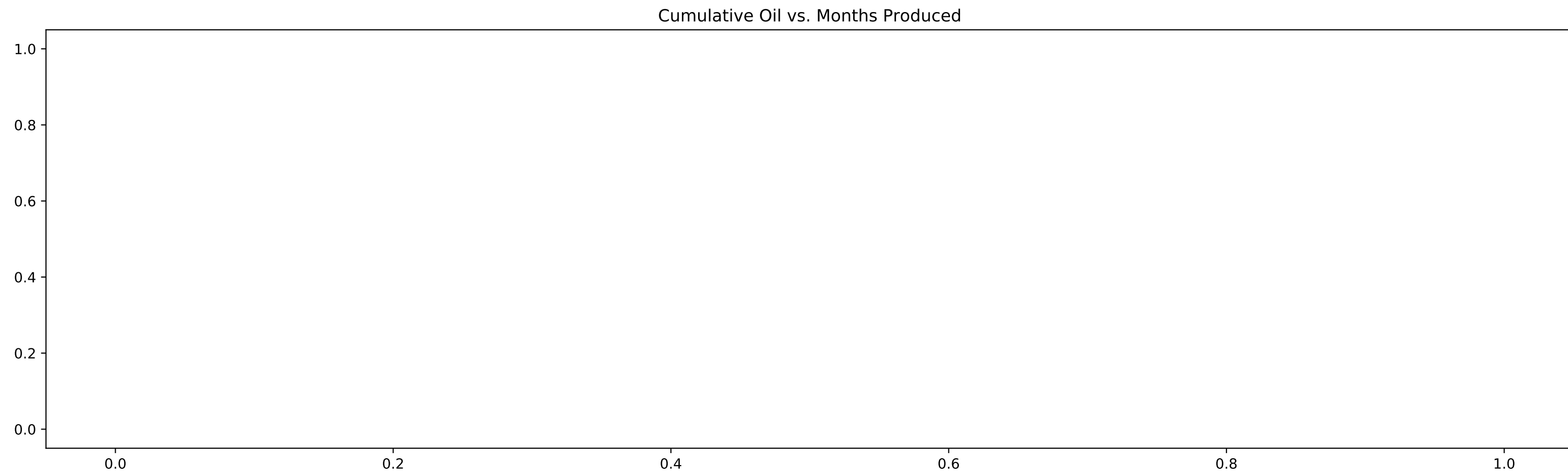
# Old Production Outside of Tract 110 - 3 Mi Radius



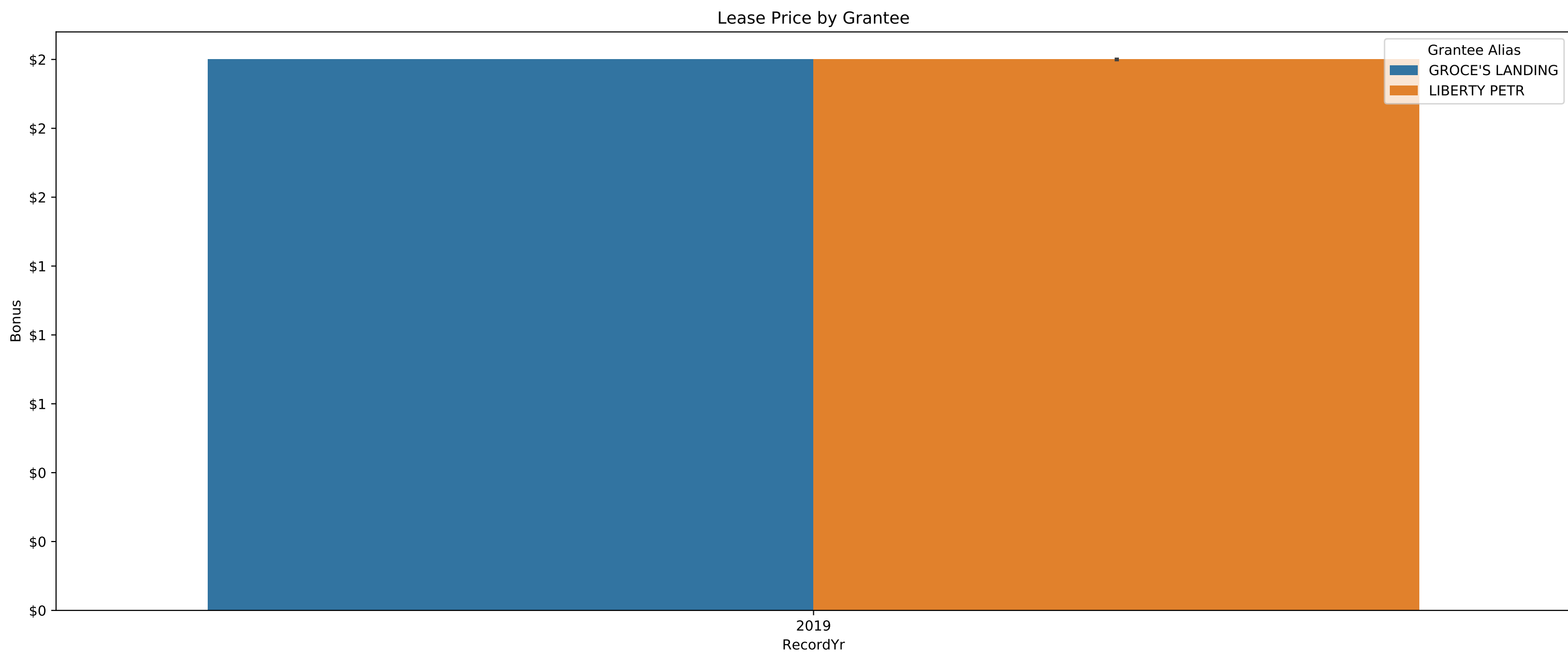
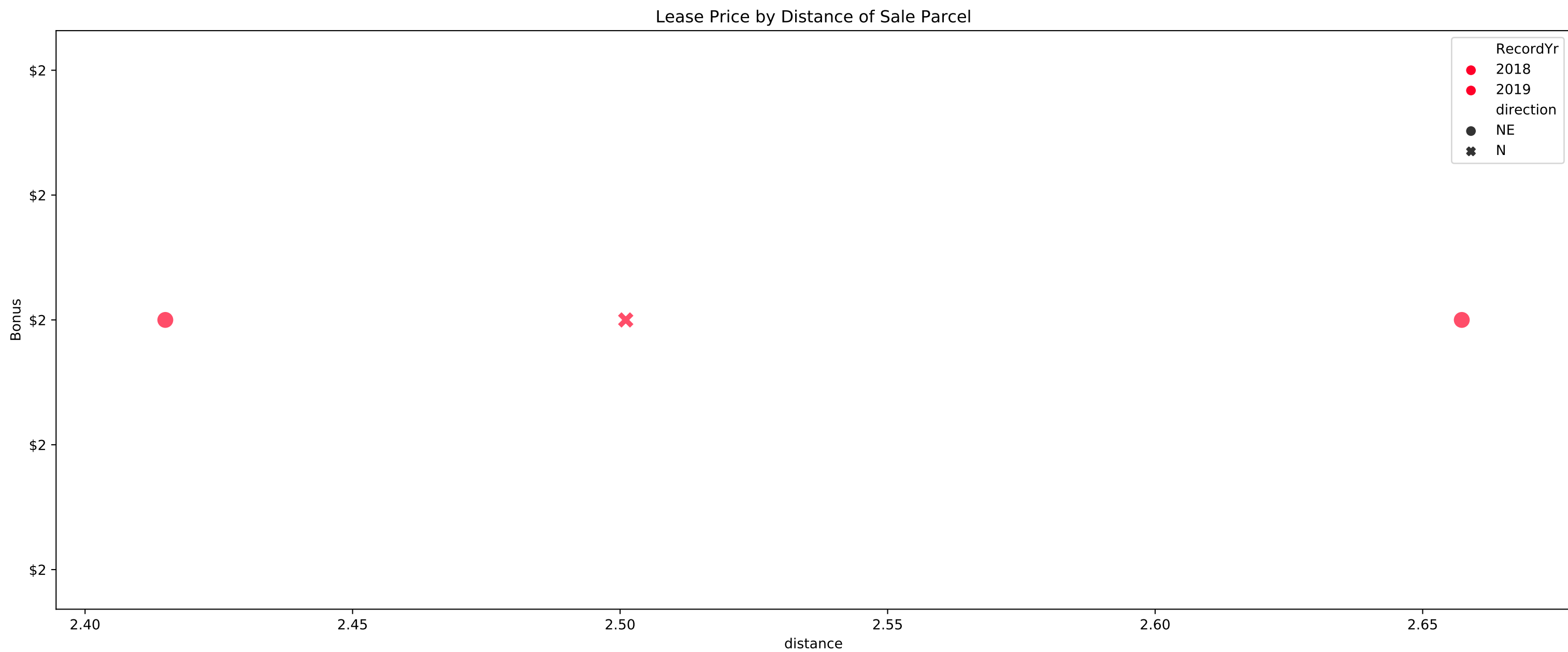
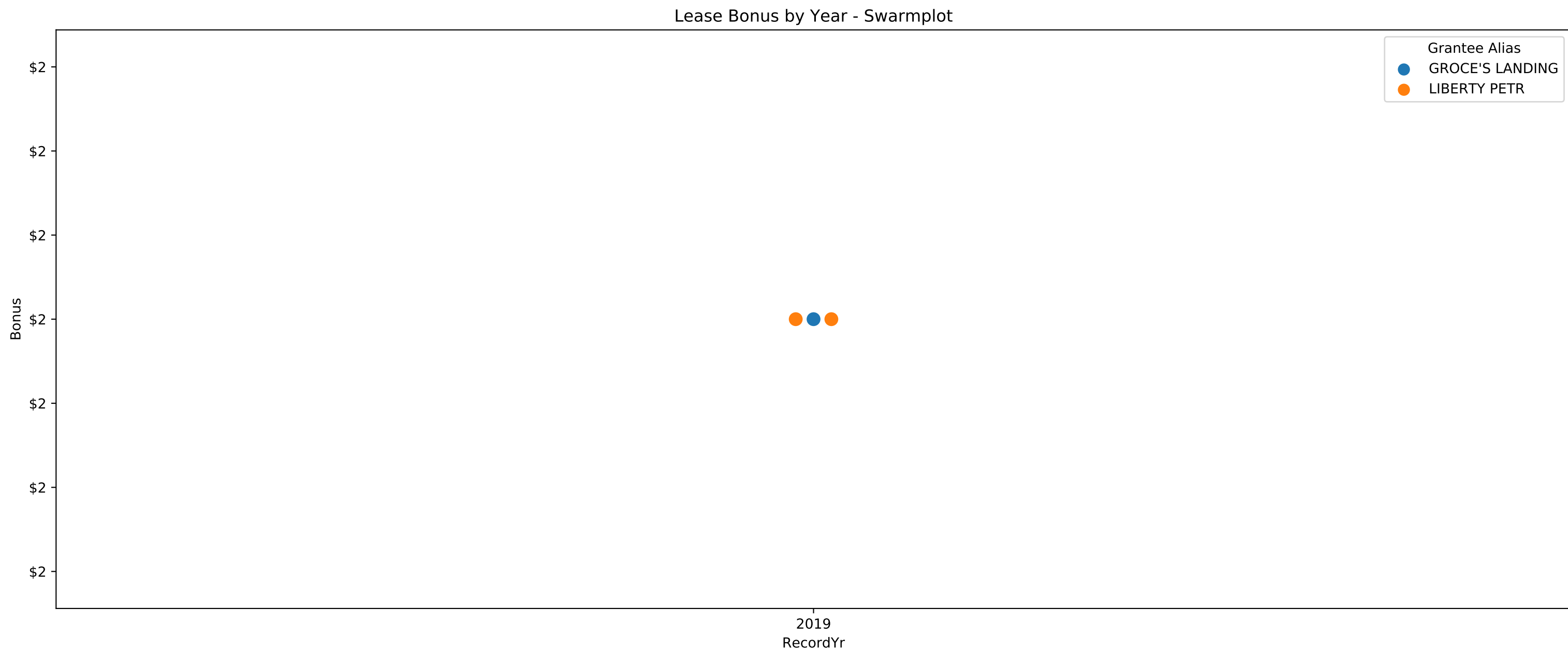
Lease Summary for tract 51  
Total Number of Leases: 1  
Average Price \$2/acre in 2013



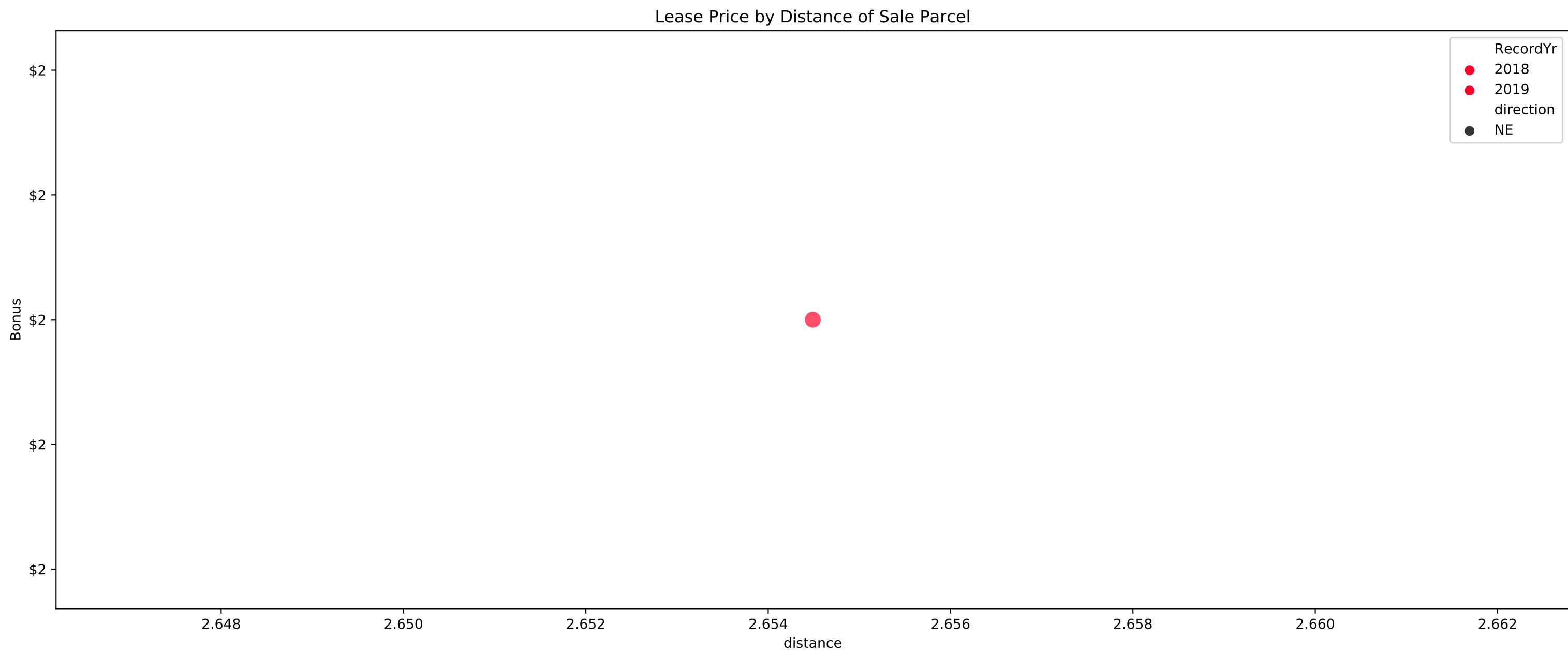
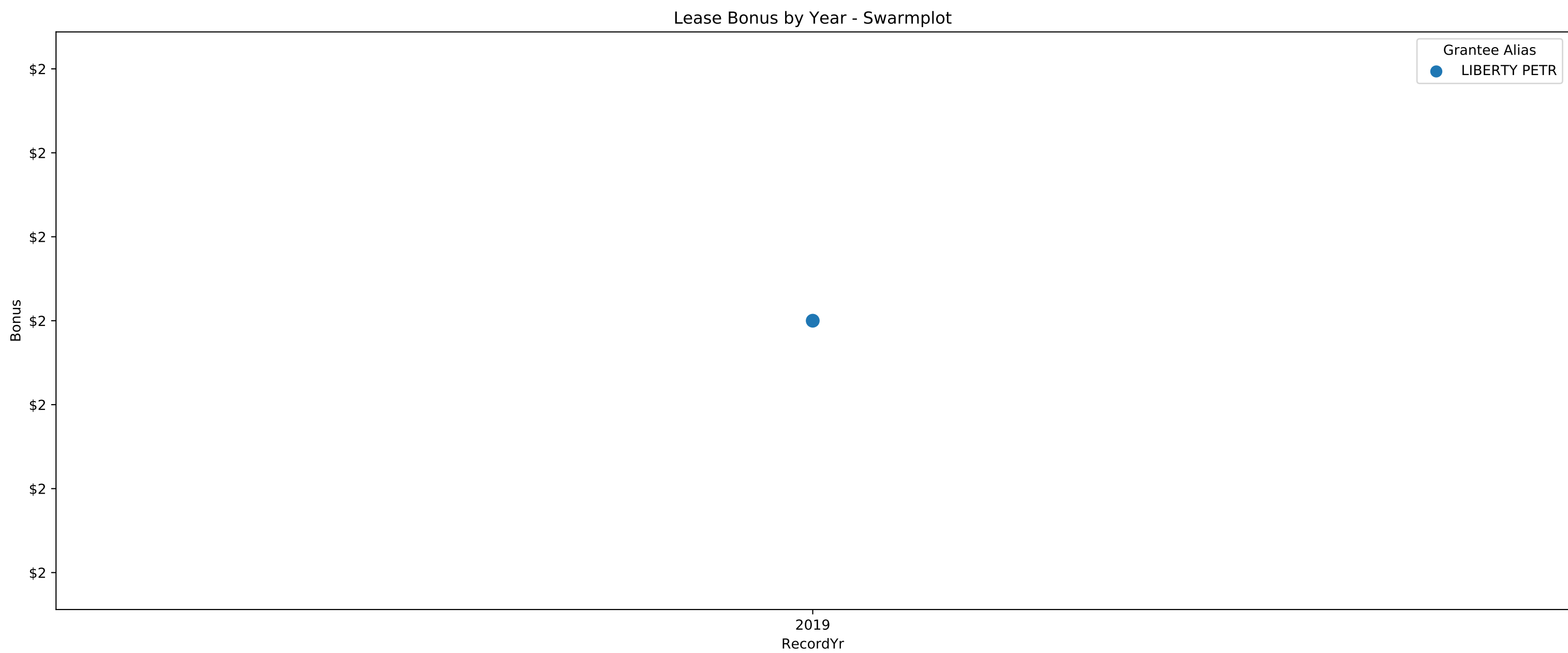
# Old Production Outside of Tract 51 - 3 Mi Radius



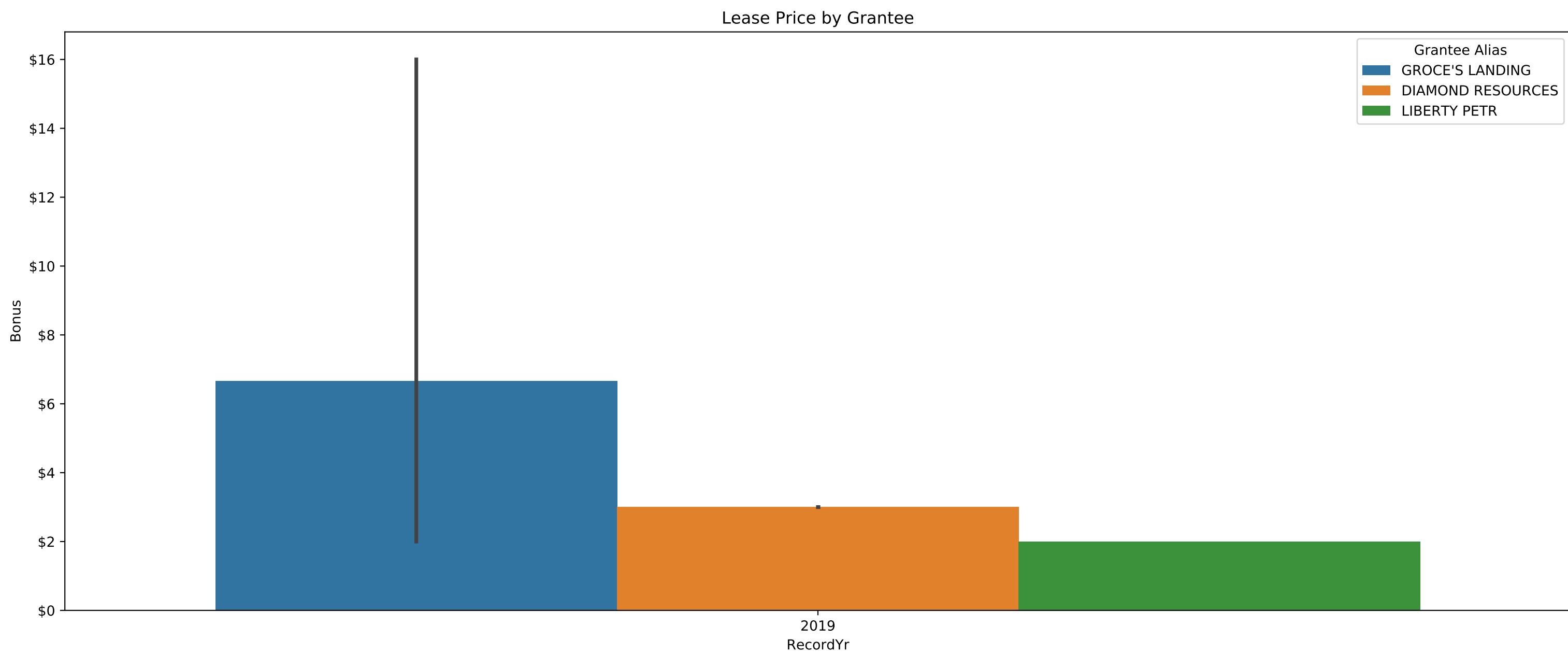
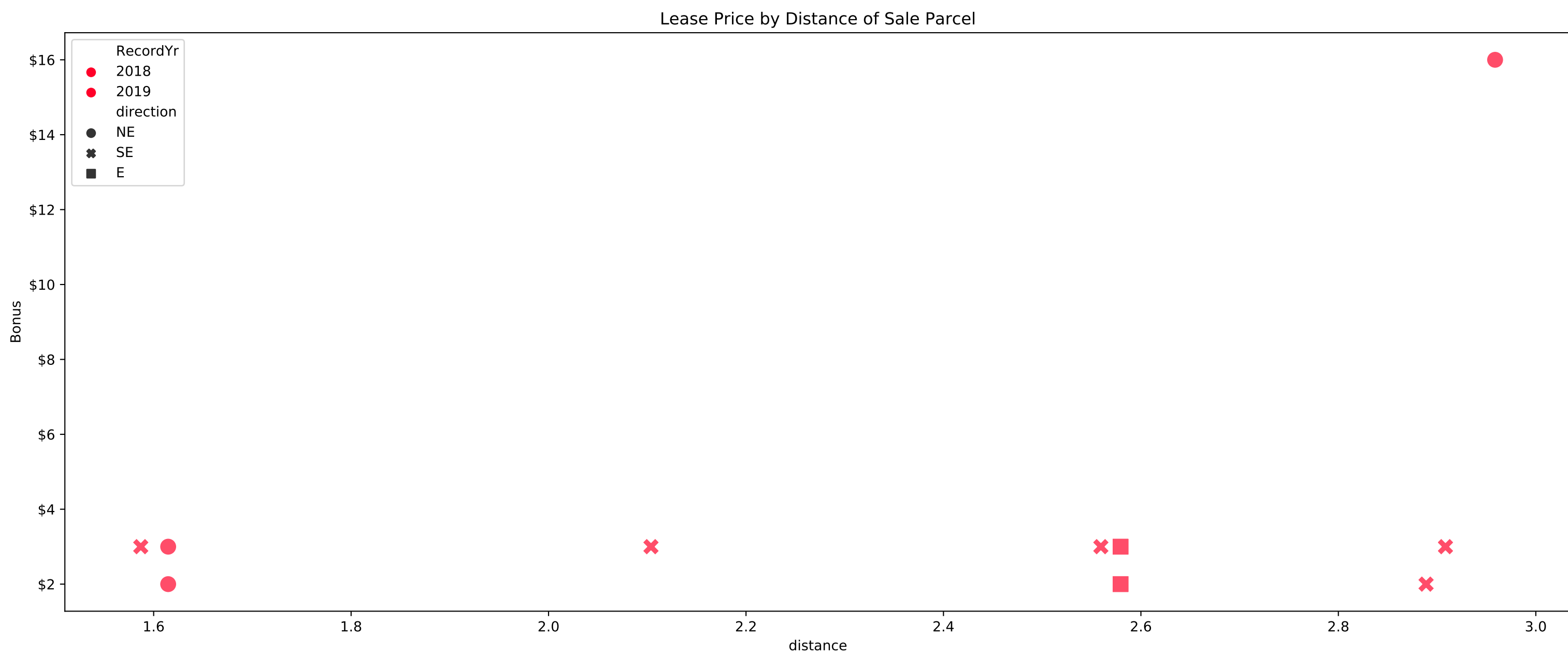
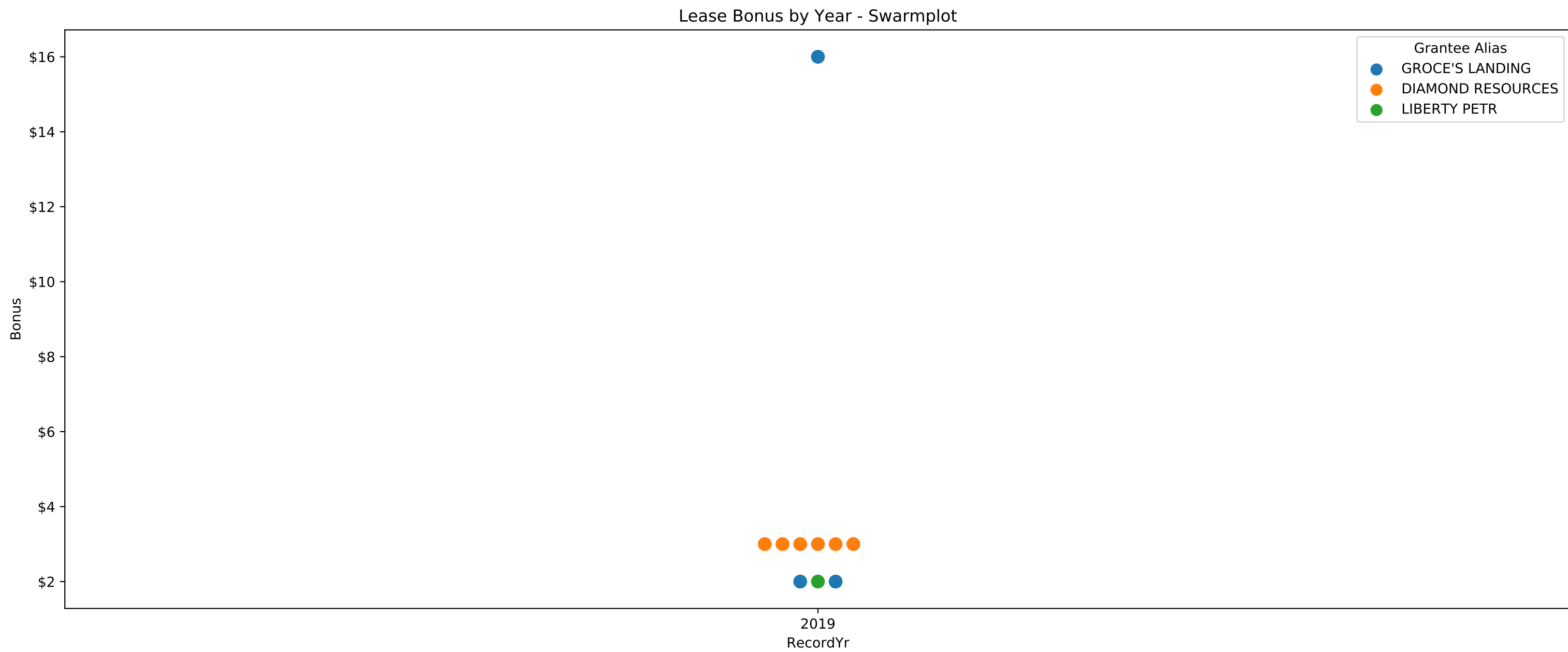
Lease Summary for tract 40  
Total Number of Leases: 3  
Average Price \$2/acre in 2019



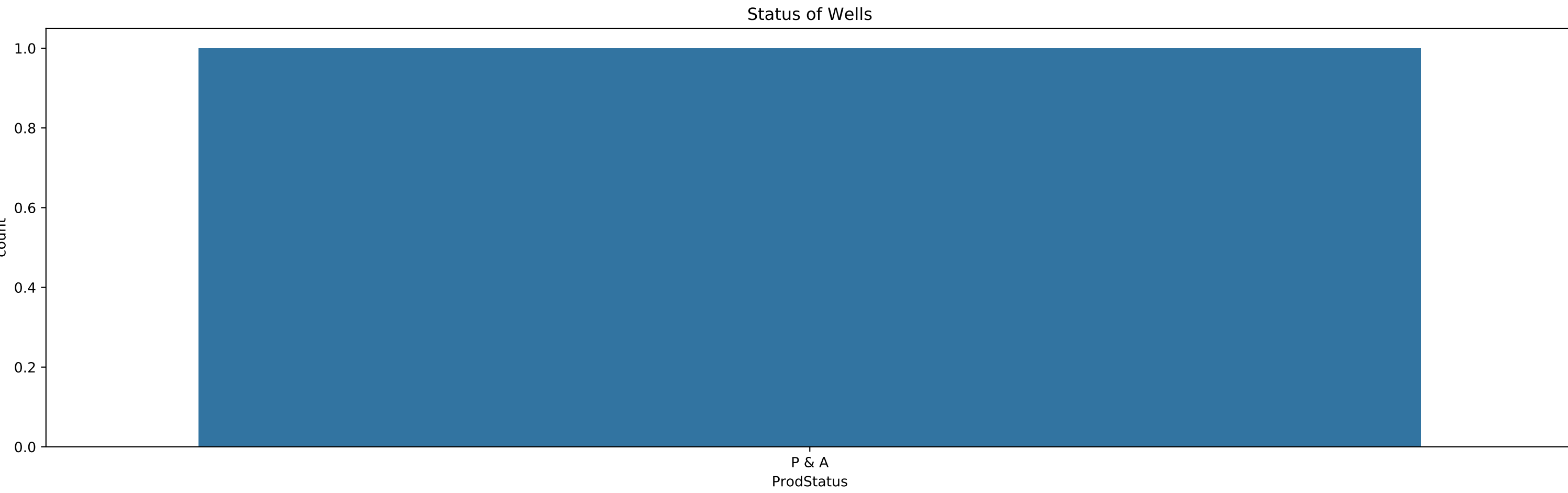
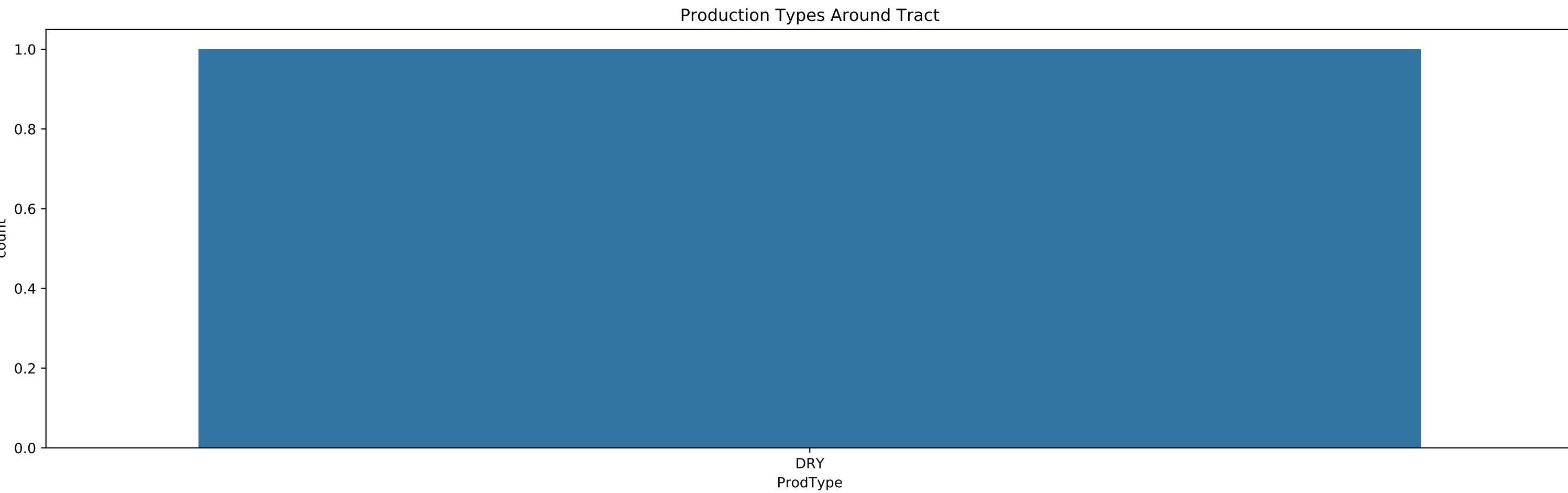
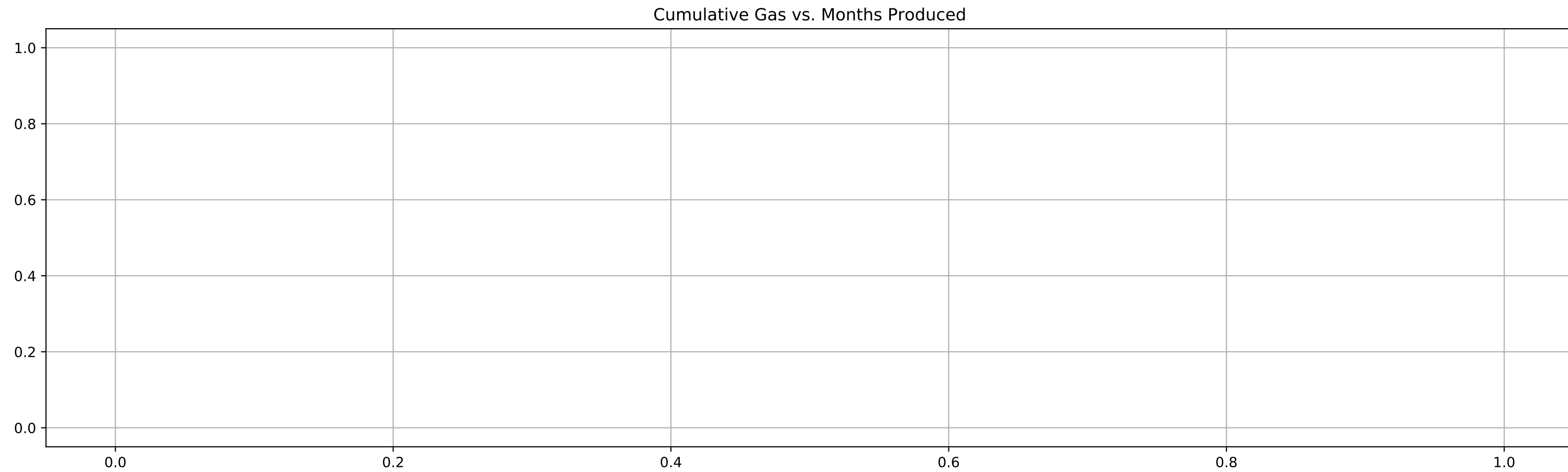
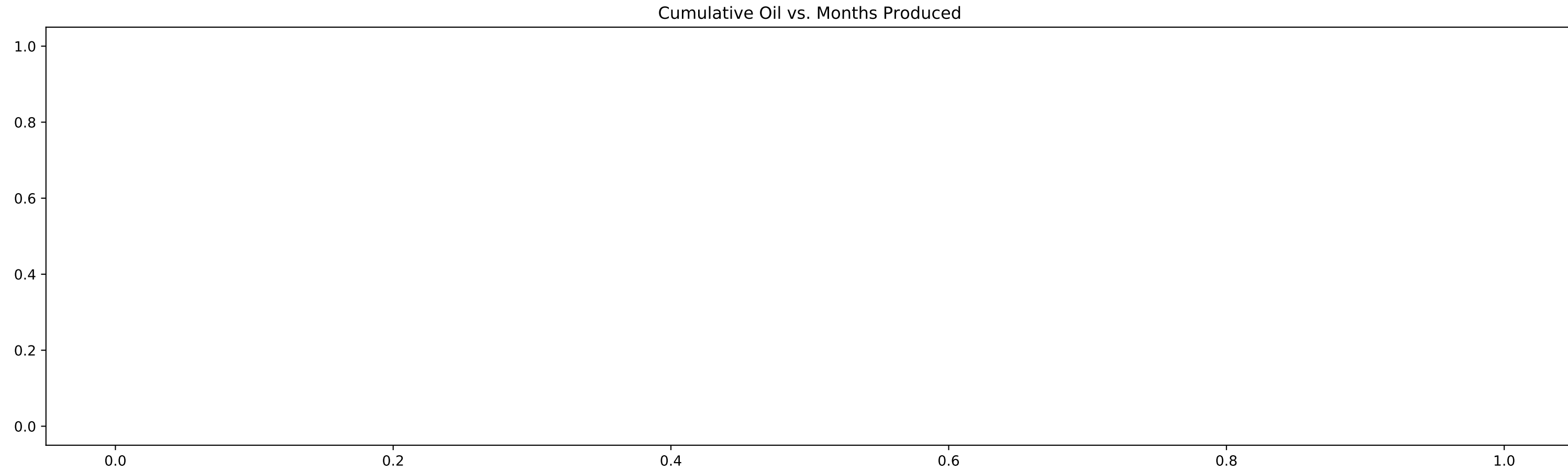
Lease Summary for tract 111  
Total Number of Leases: 1  
Average Price \$2/acre in 2019



Lease Summary for tract 59  
Total Number of Leases: 10  
Average Price \$4/acre in 2019

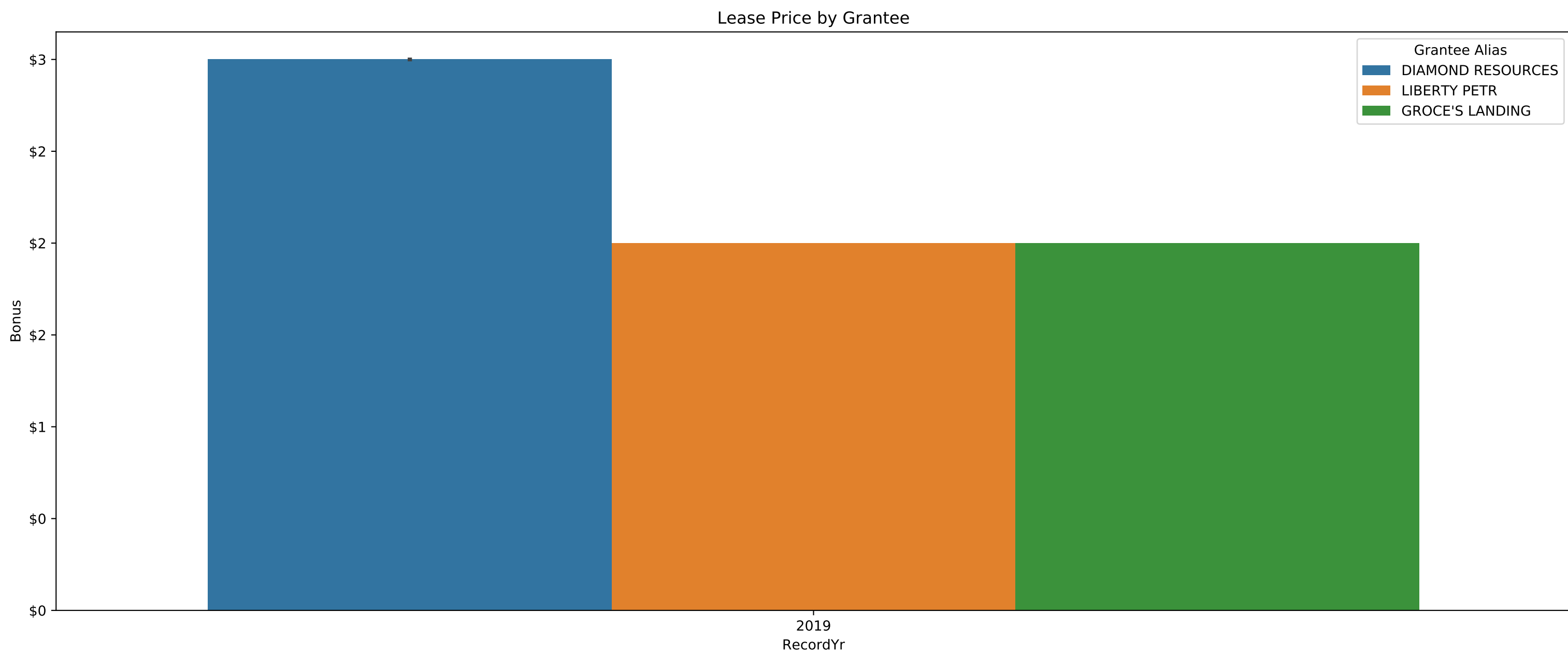
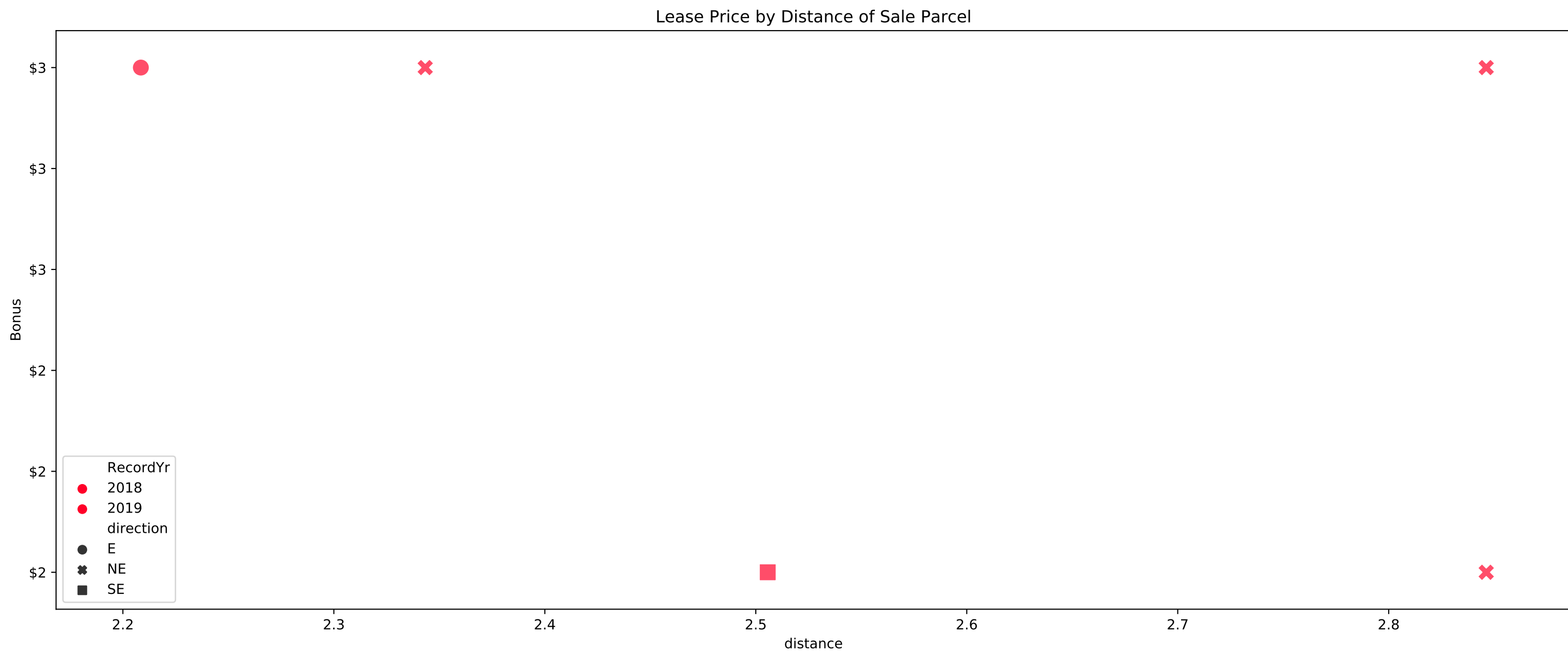
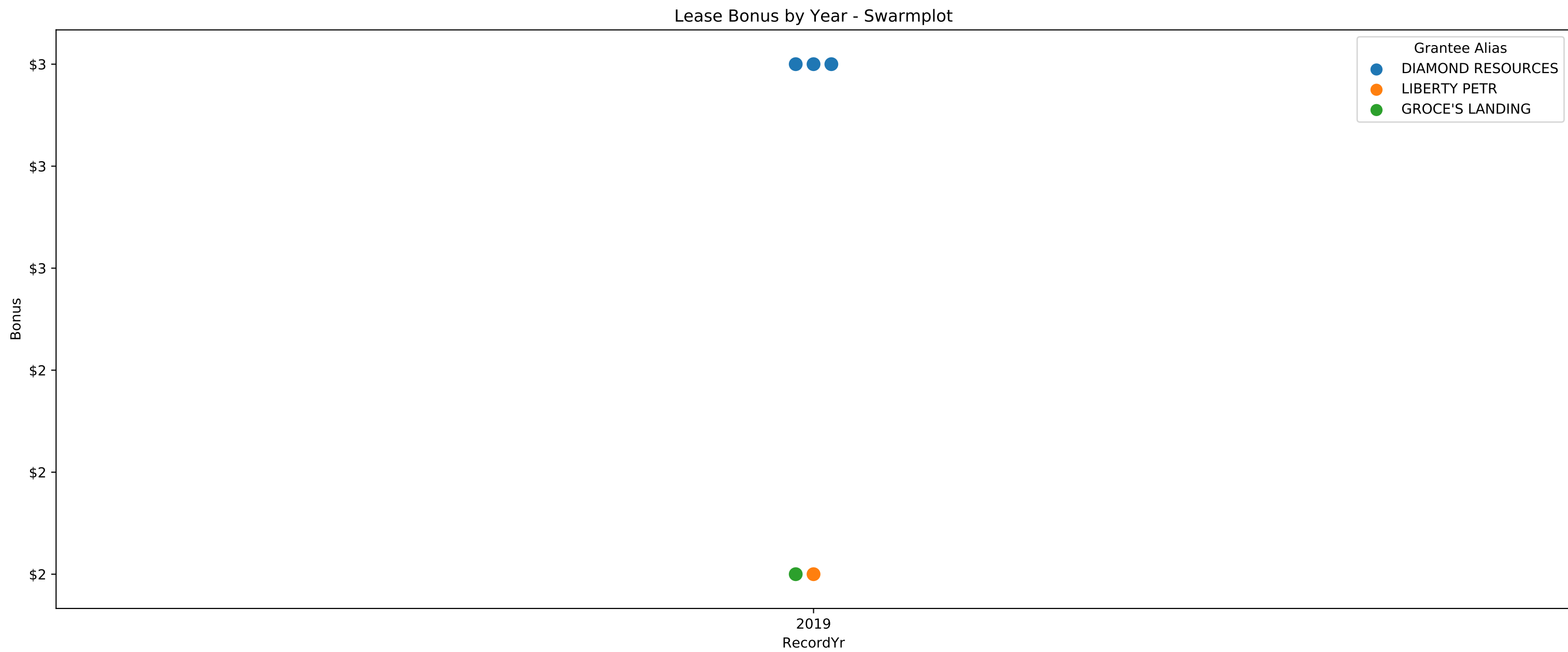


Old Production Outside of Tract 134 - 3 Mi Radius

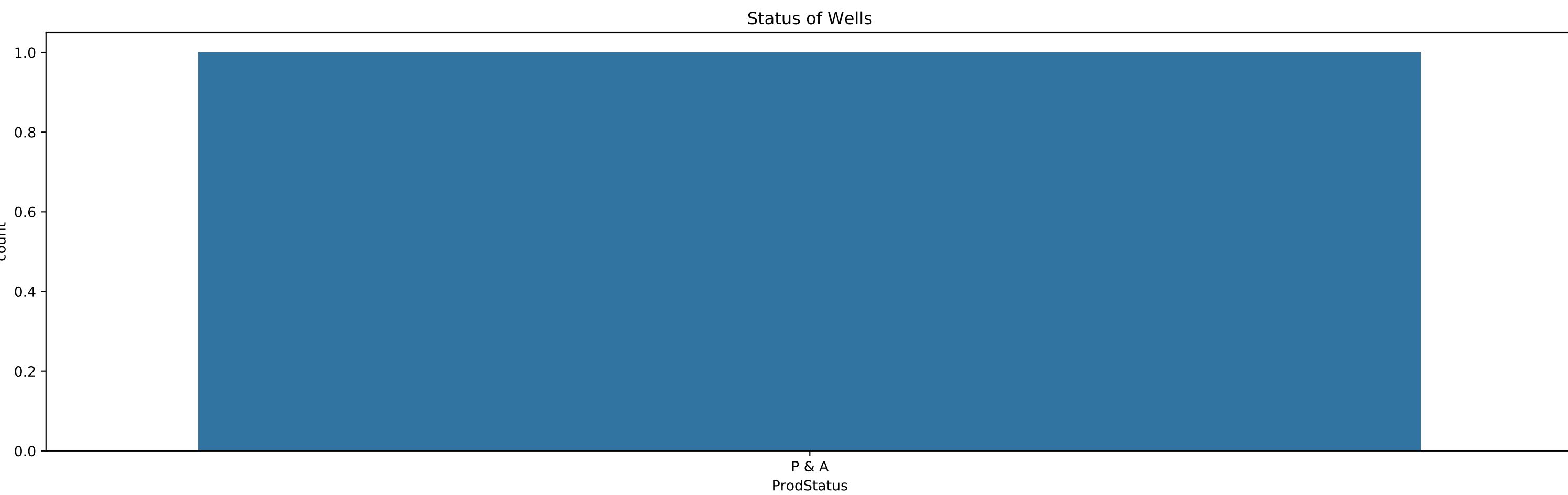
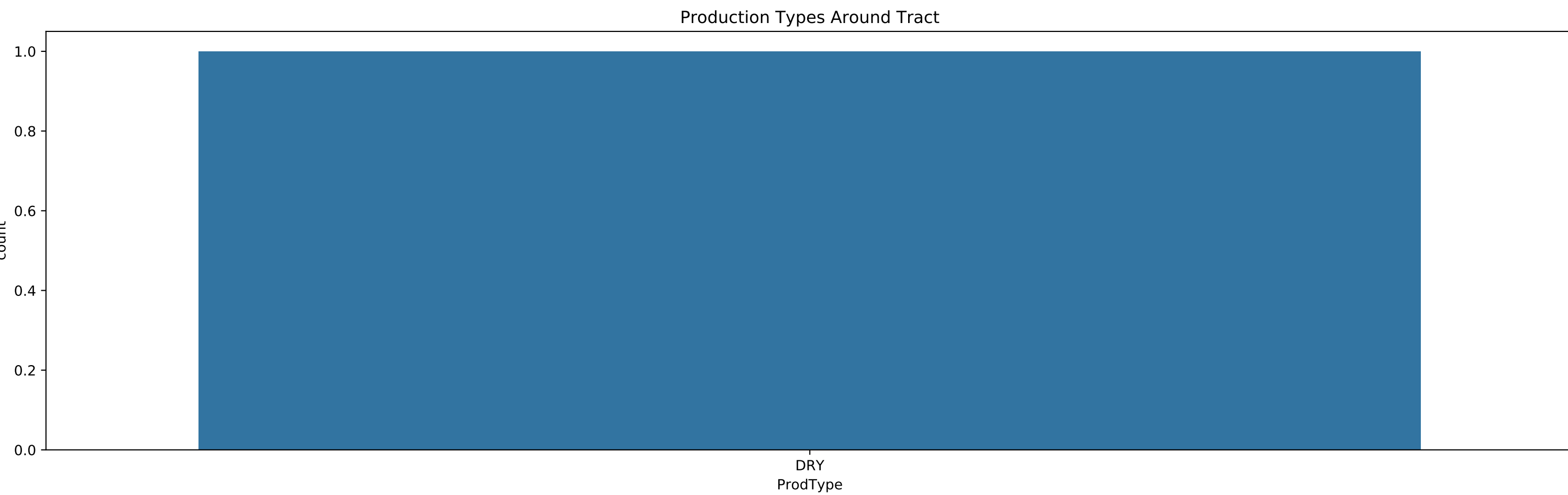
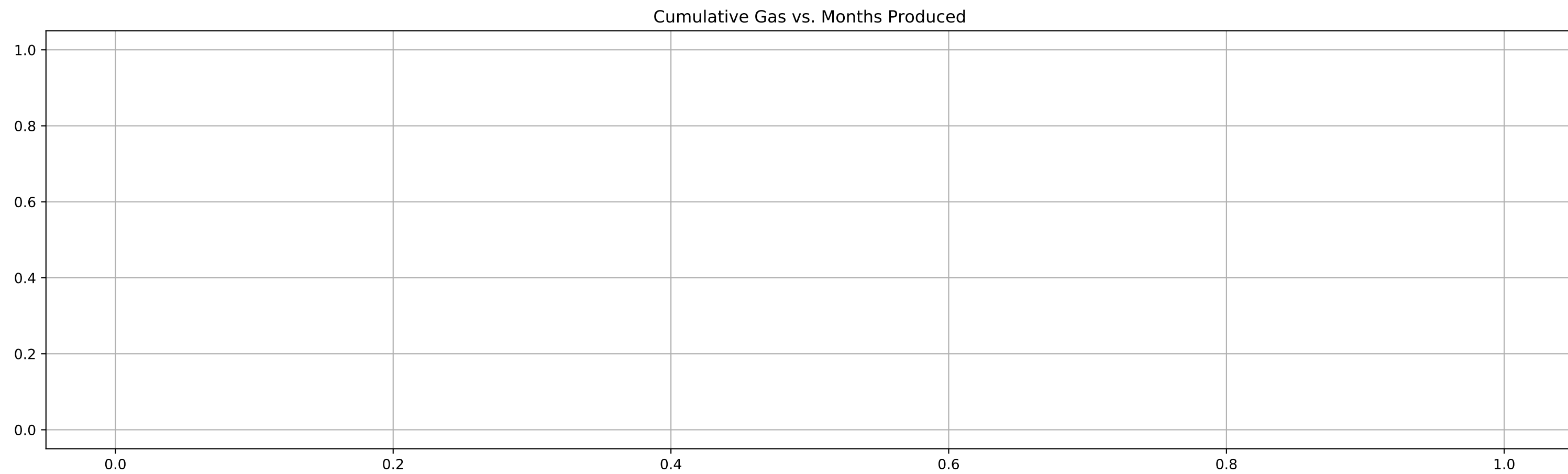
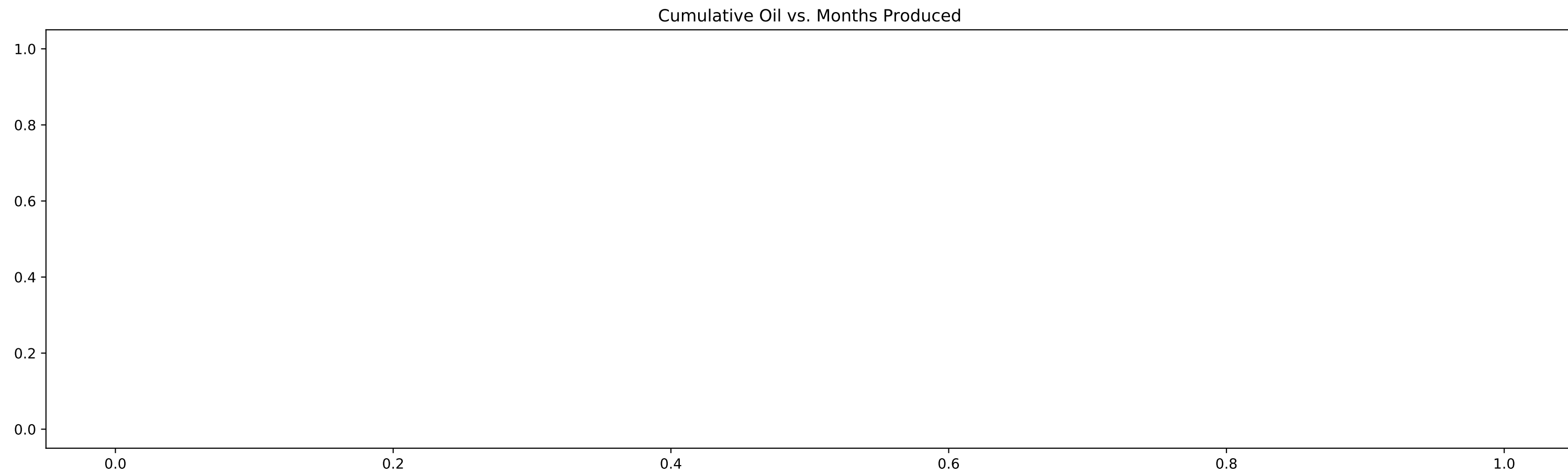




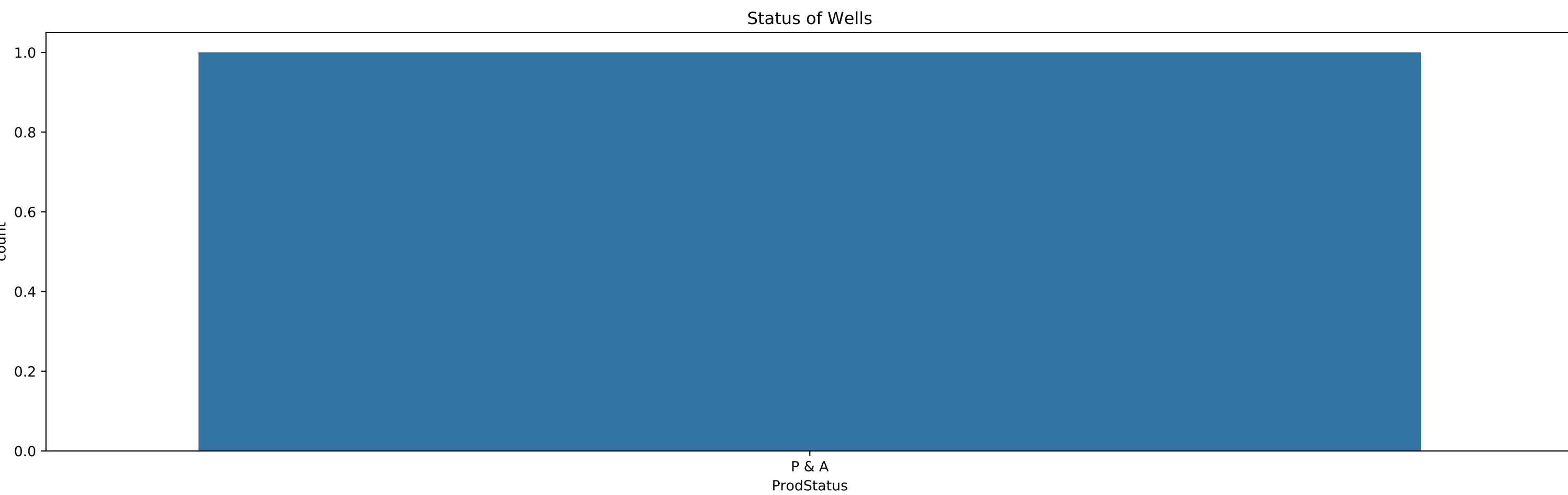
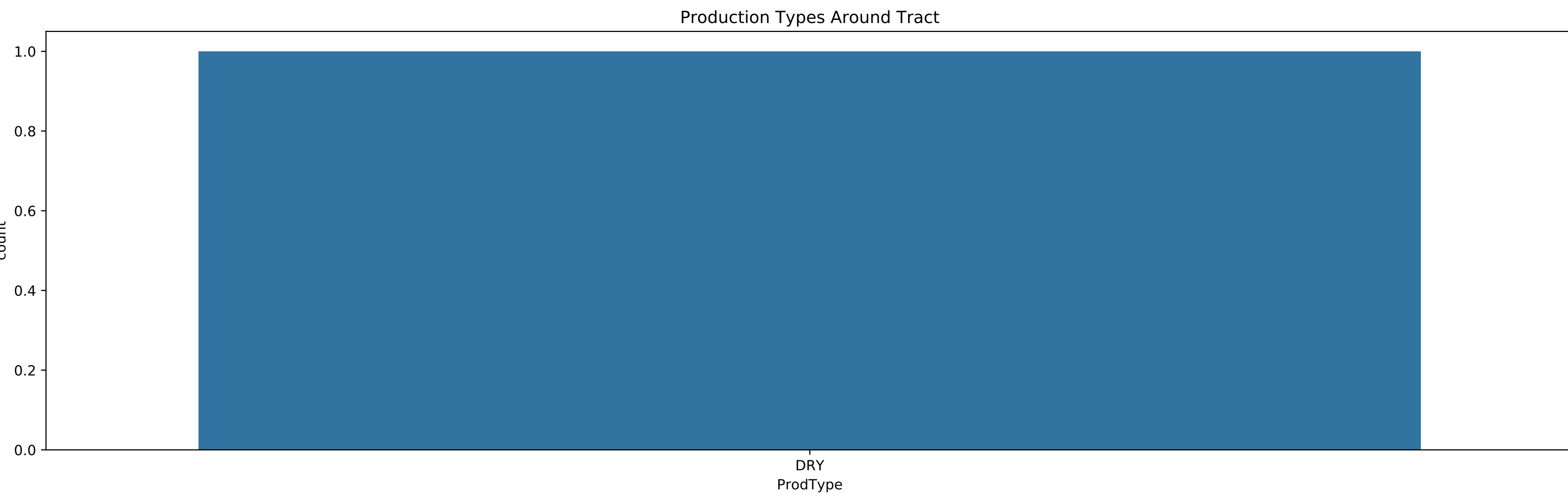
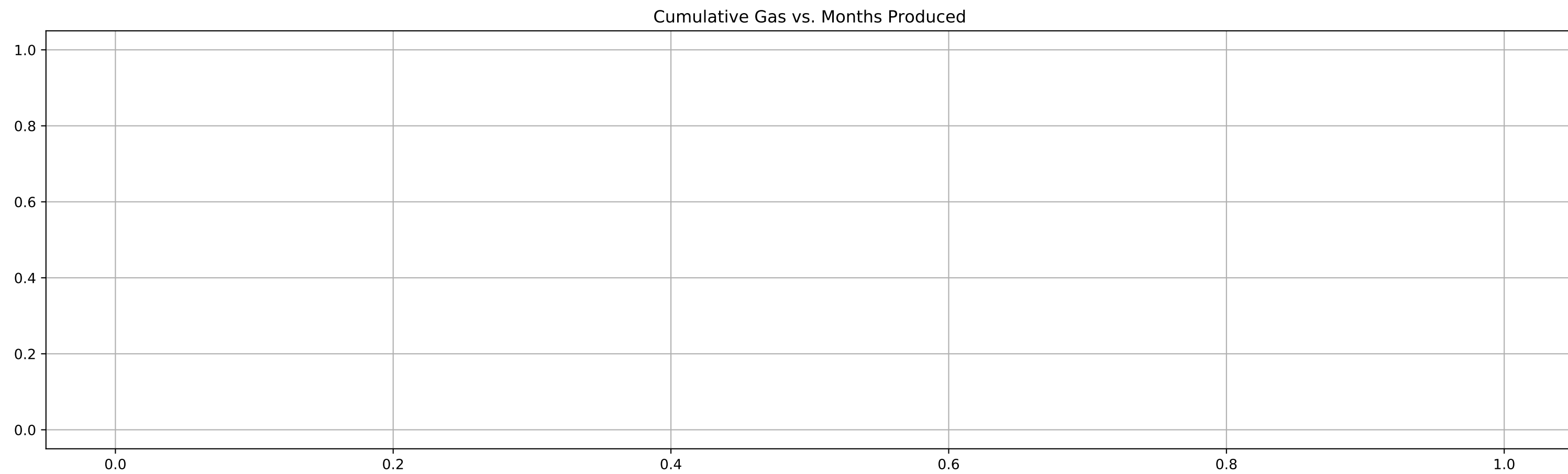
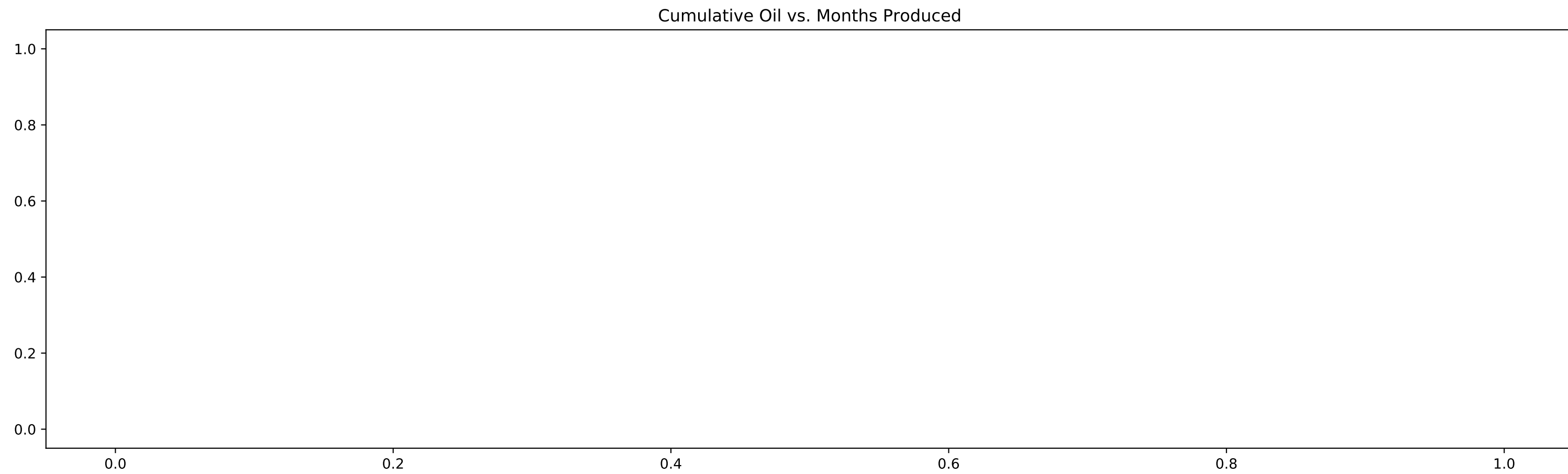
Lease Summary for tract 60  
Total Number of Leases: 5  
Average Price \$3/acre in 2019



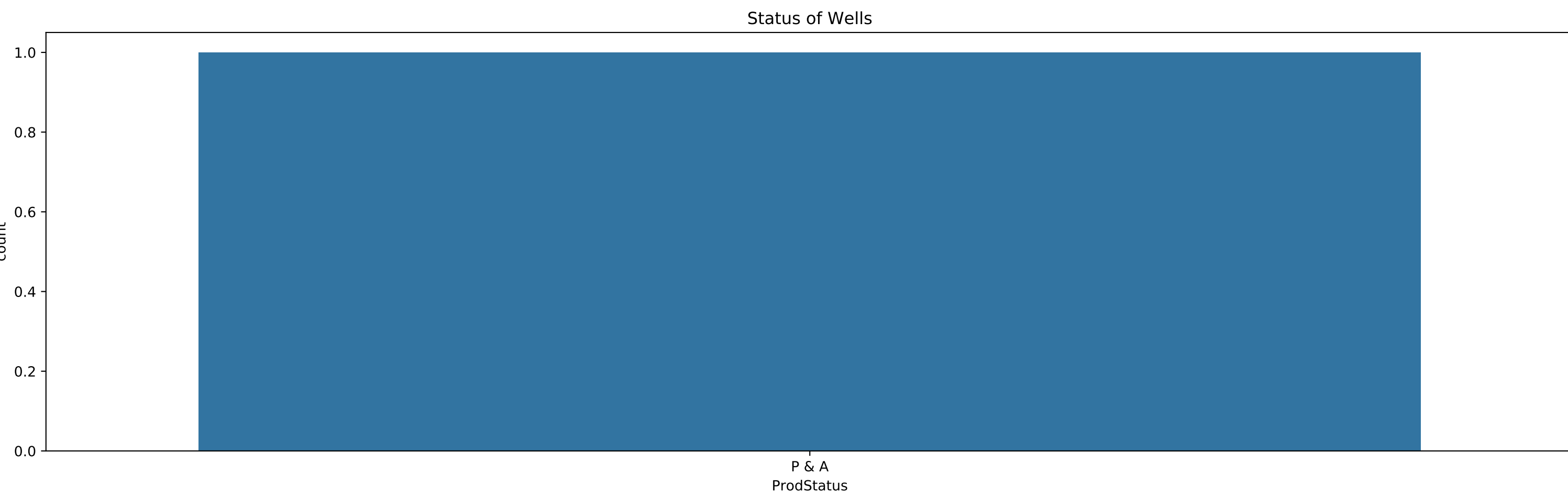
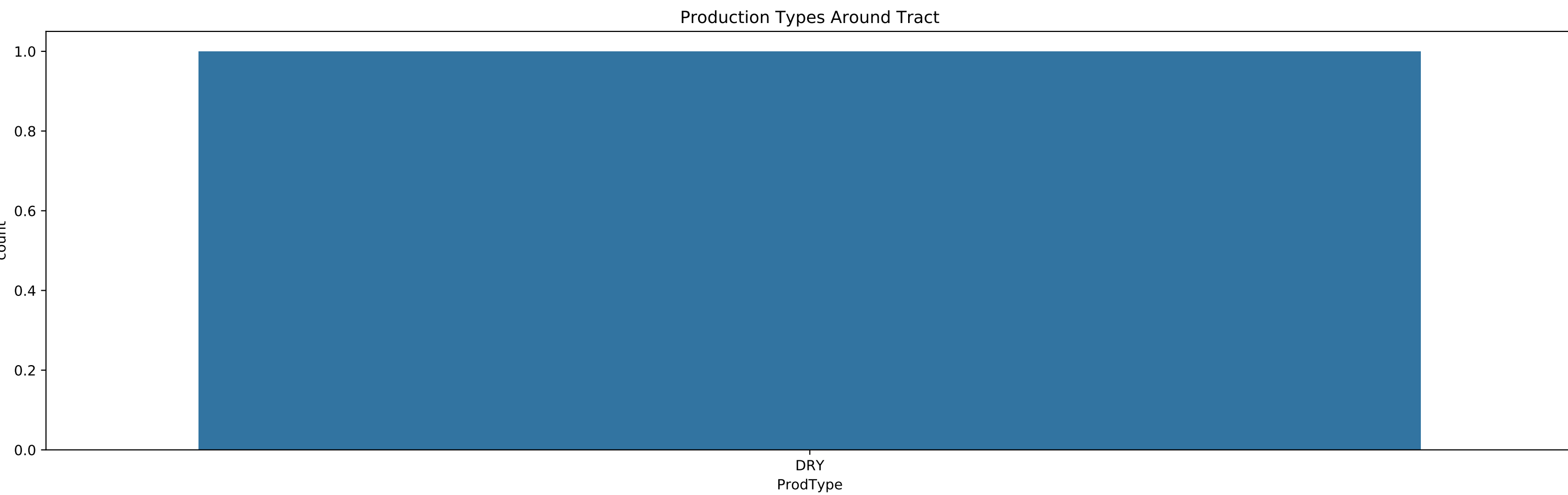
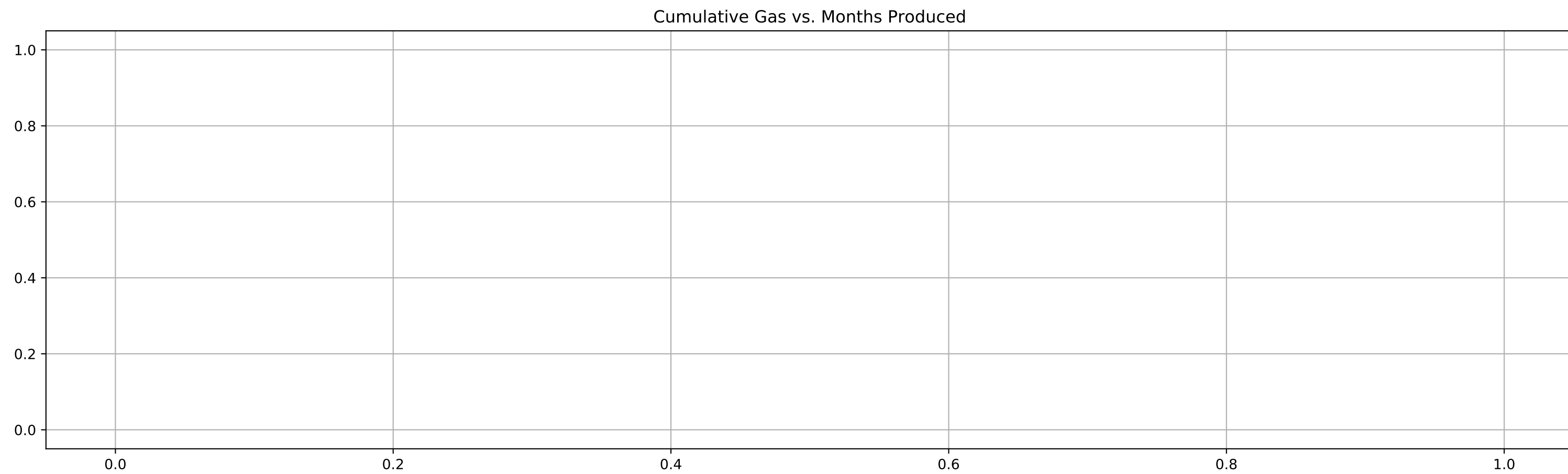
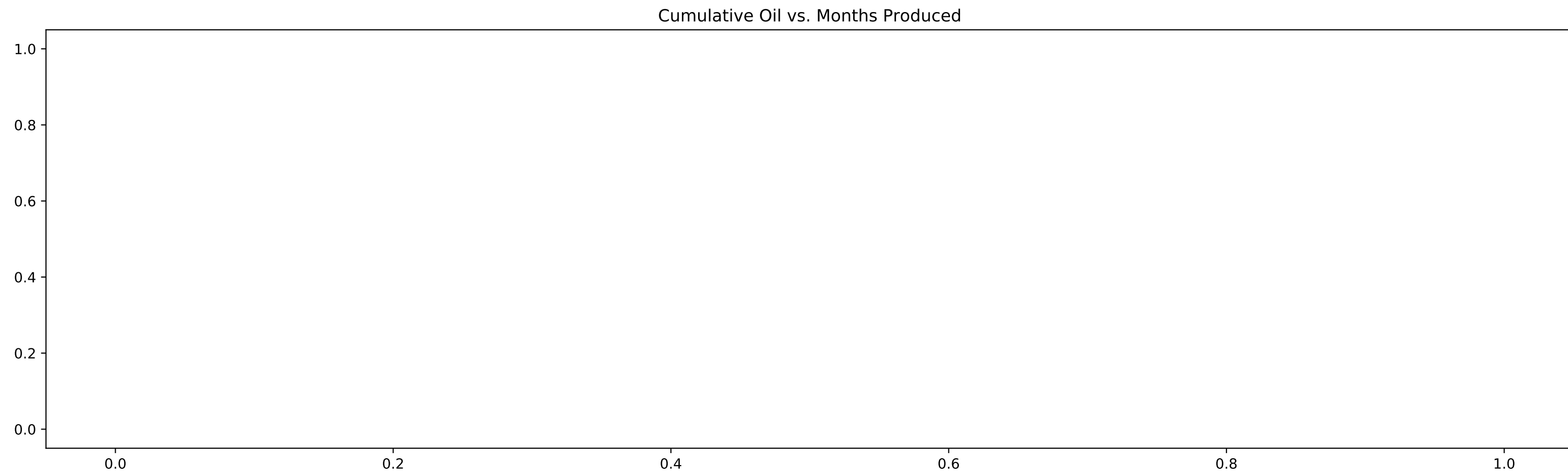
# Old Production Outside of Tract 60 - 3 Mi Radius



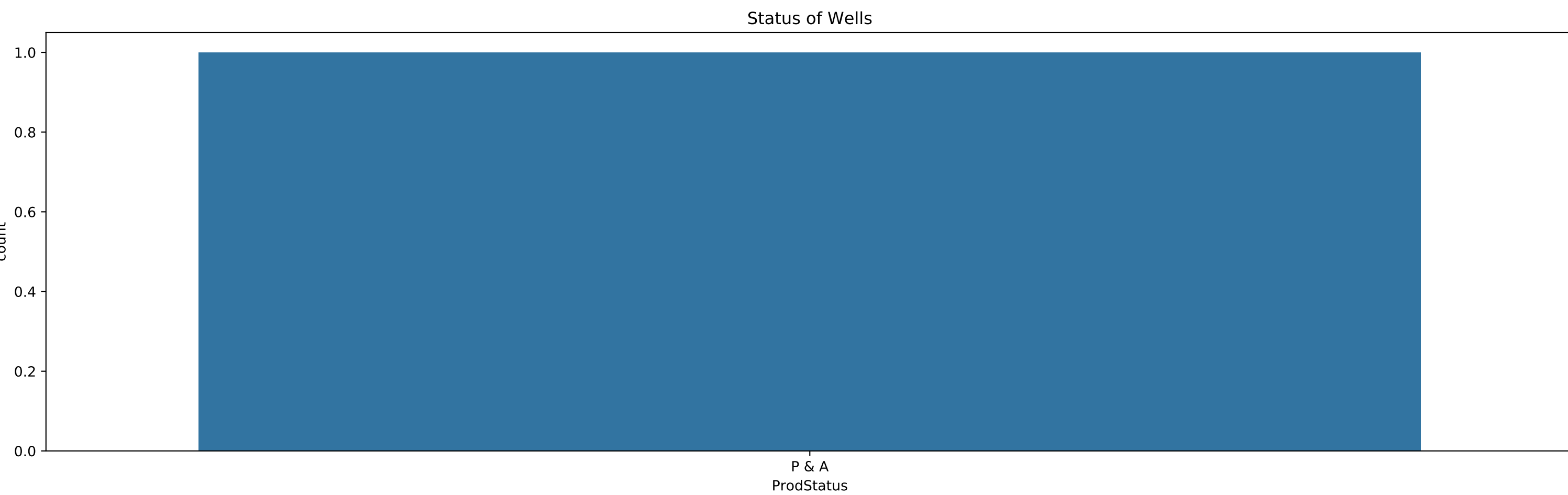
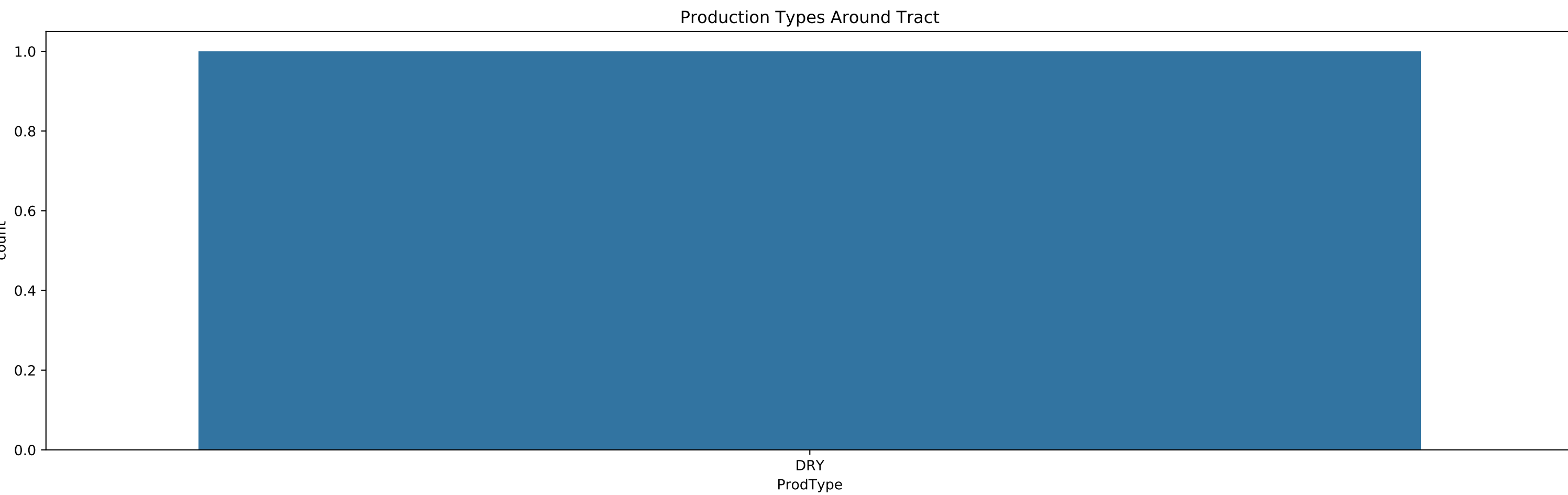
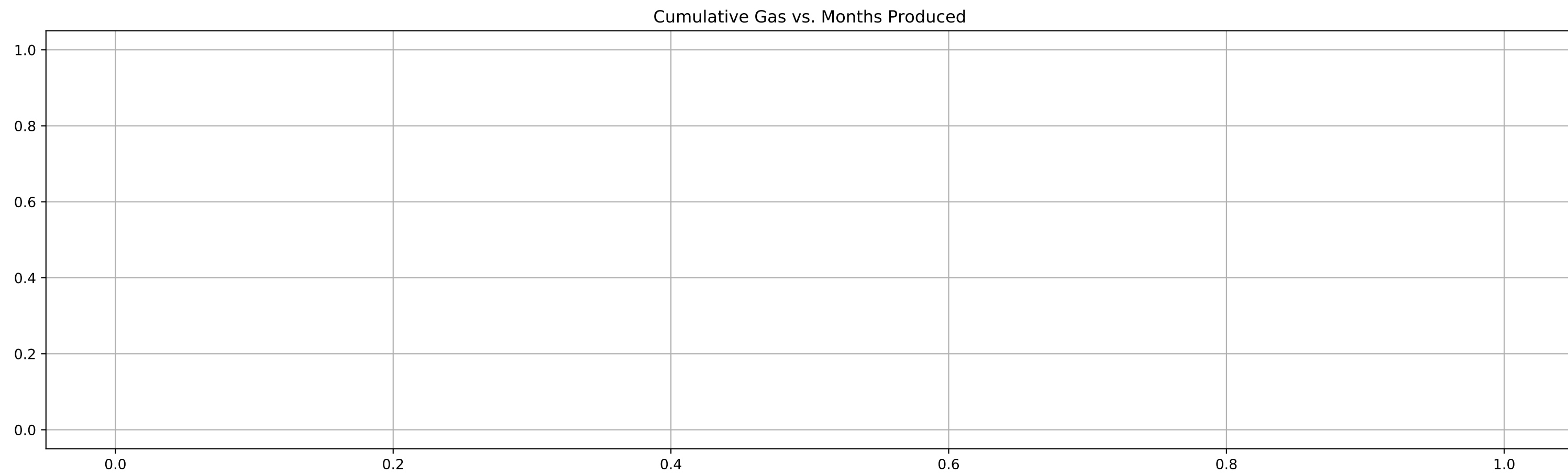
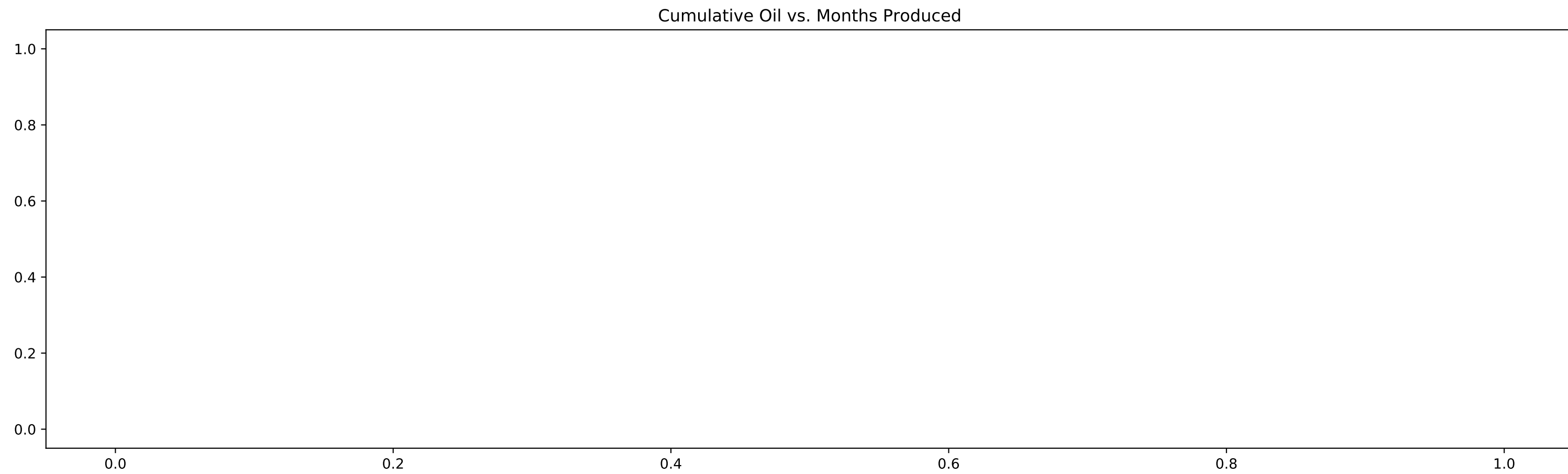
# Old Production Outside of Tract 62 - 3 Mi Radius



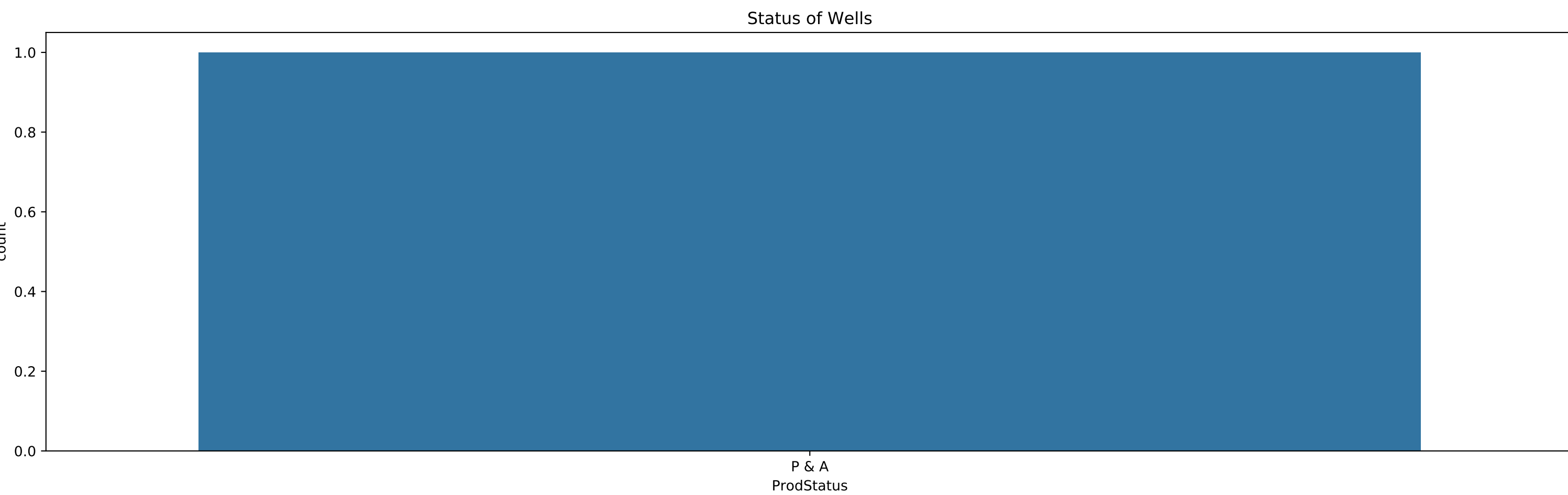
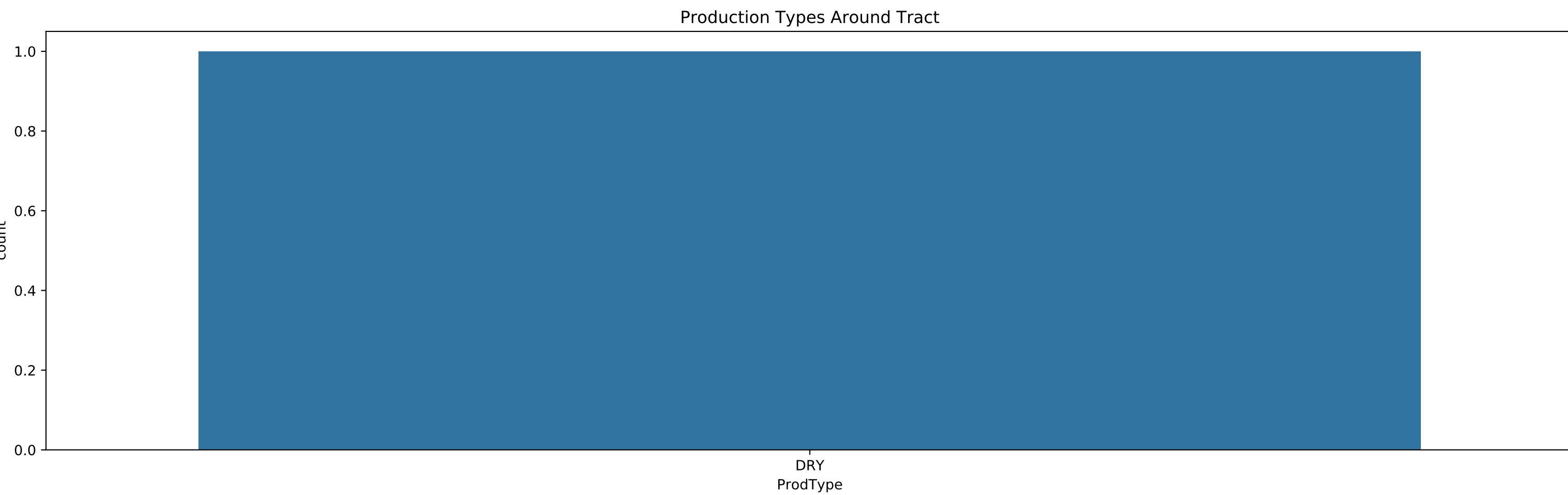
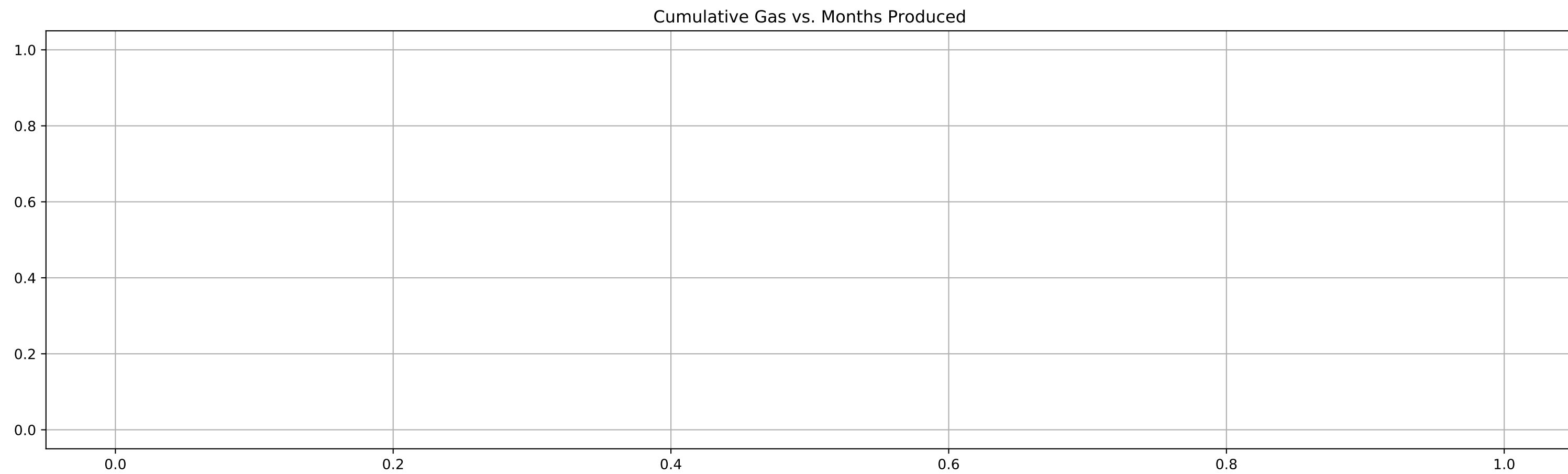
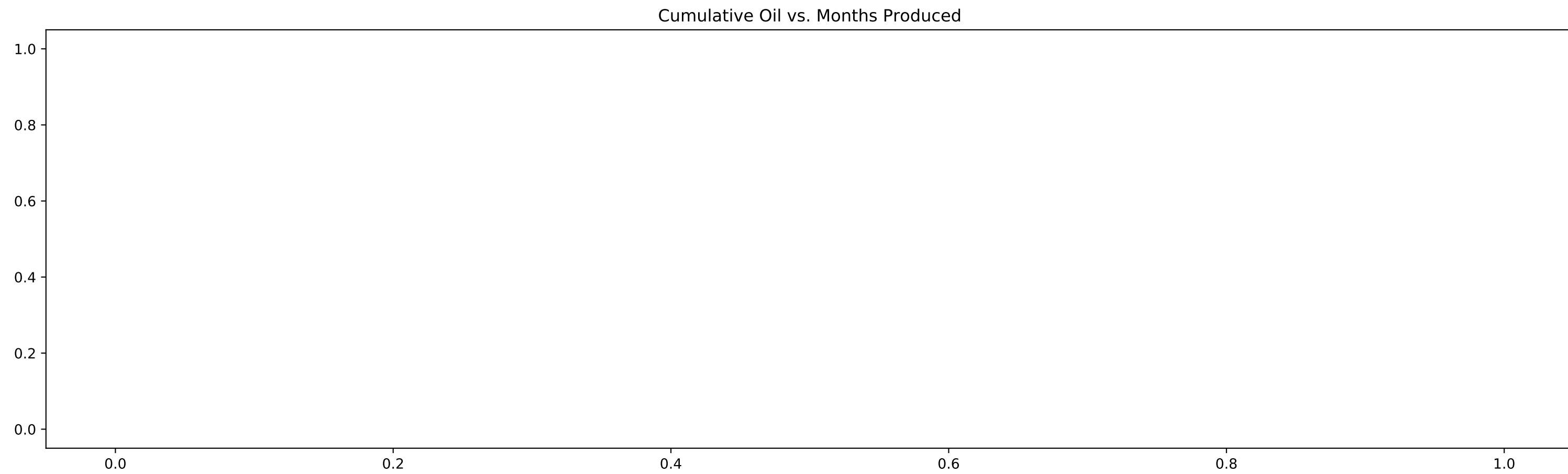
# Old Production Outside of Tract 135 - 3 Mi Radius



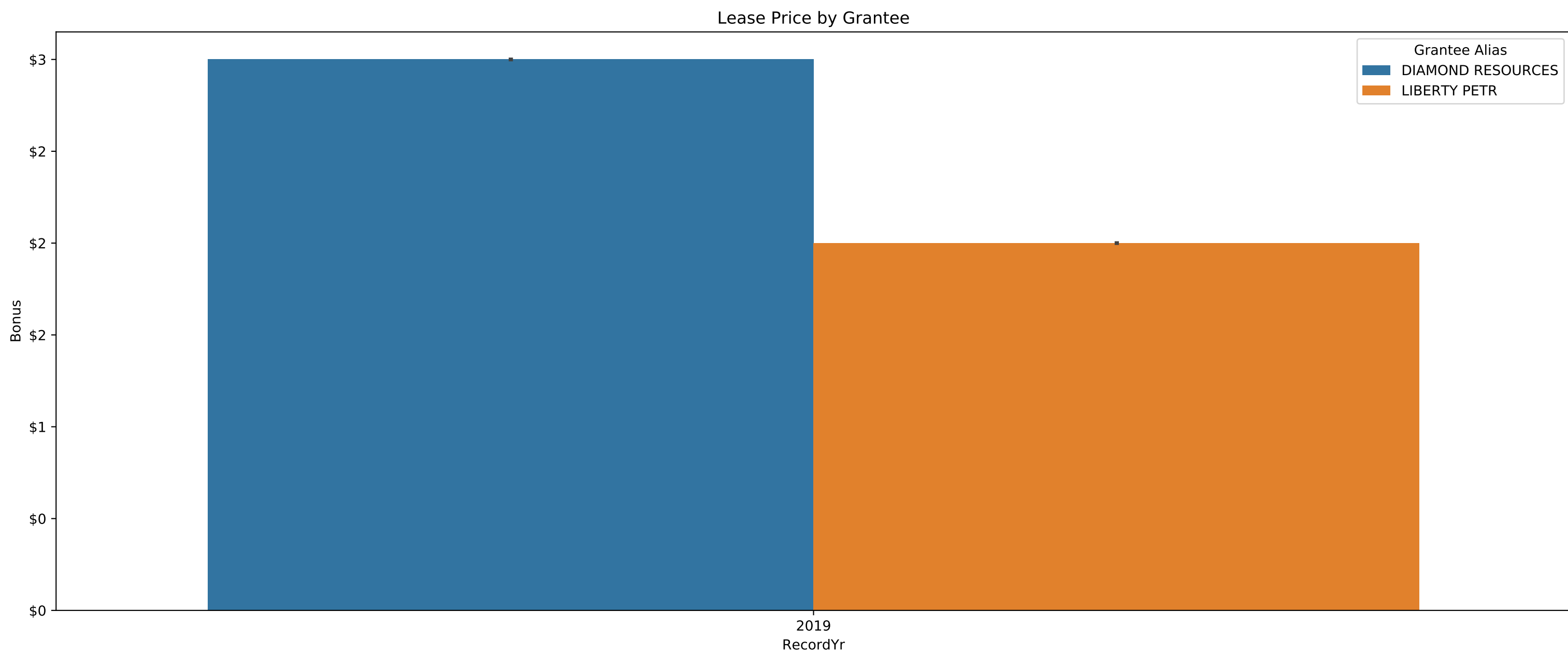
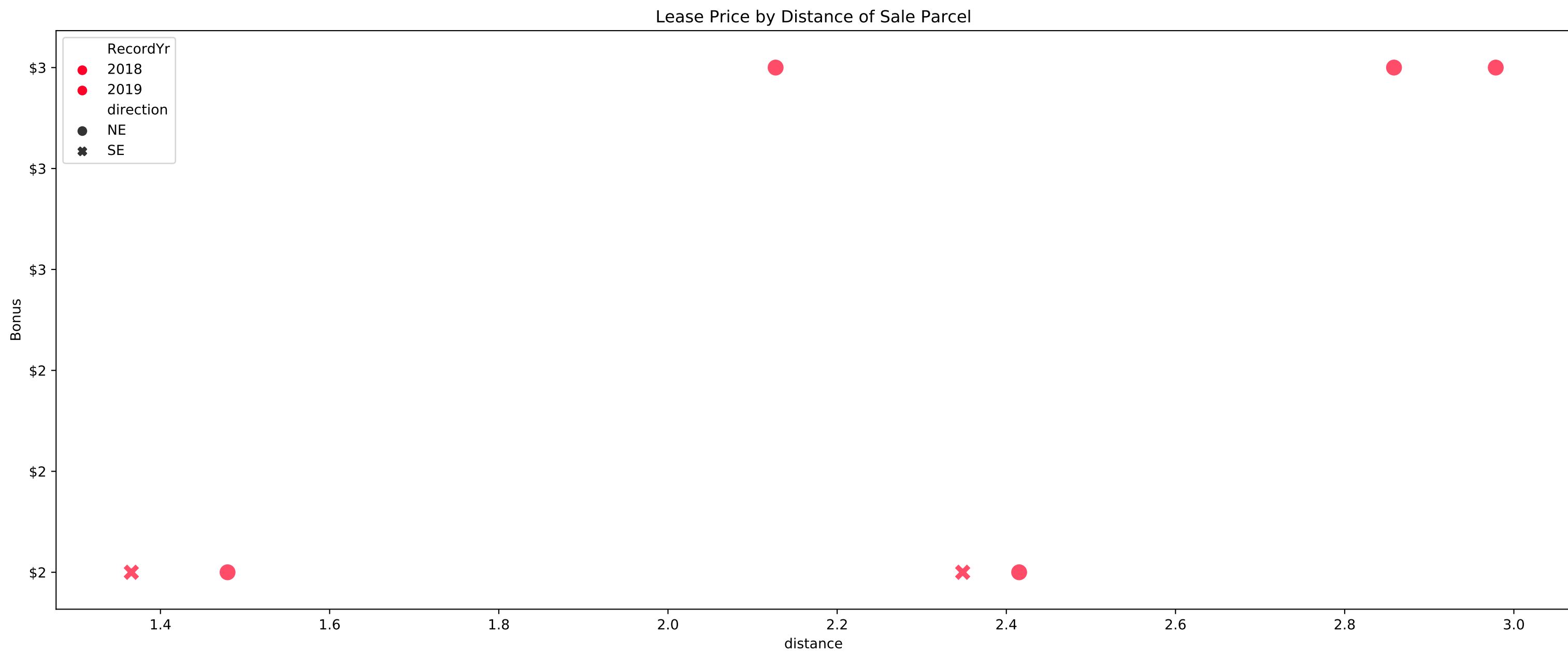
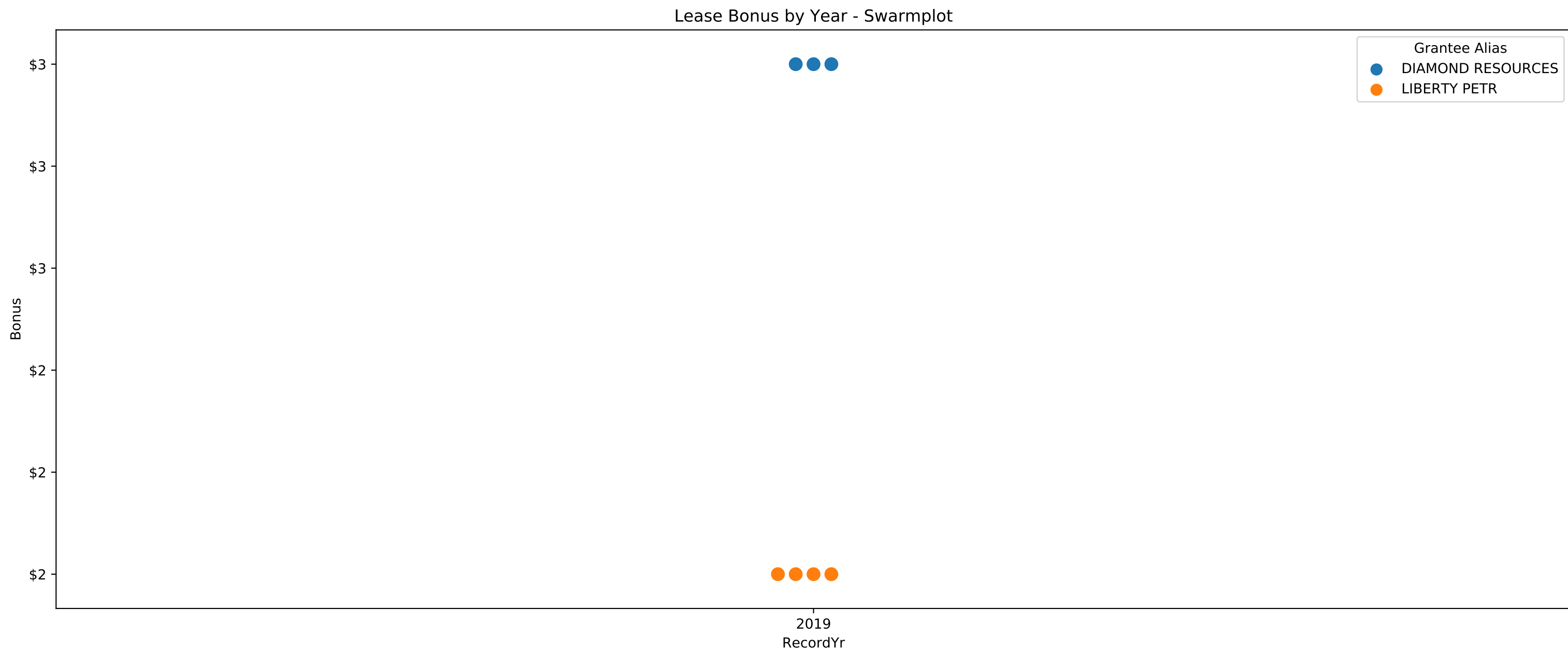
# Old Production Outside of Tract 90 - 3 Mi Radius



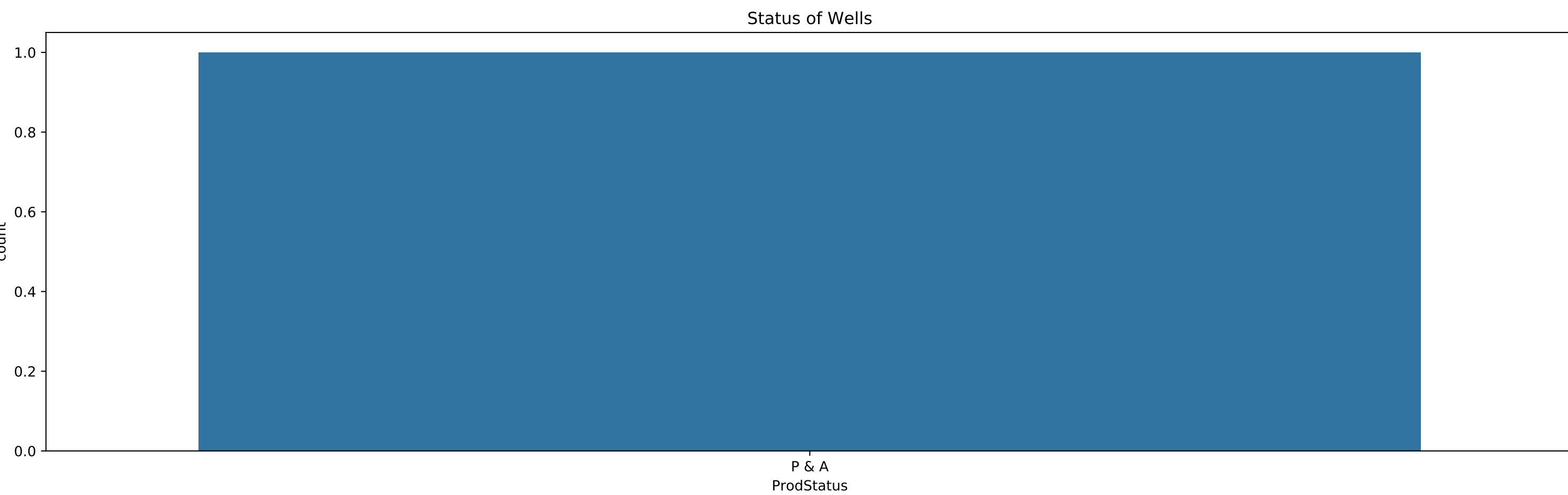
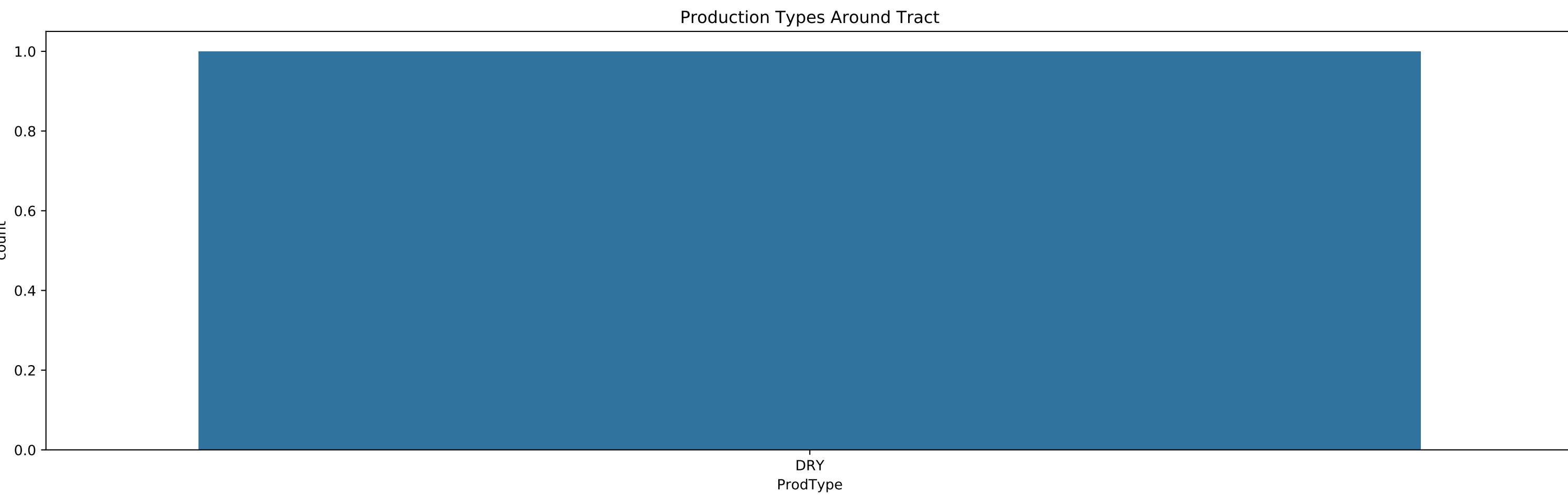
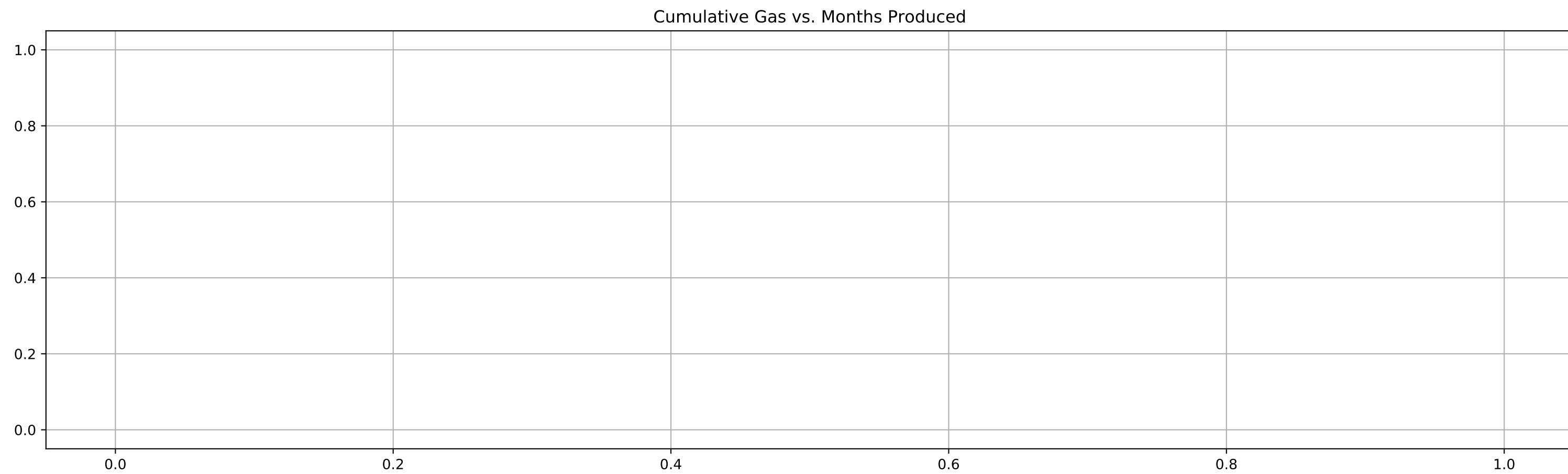
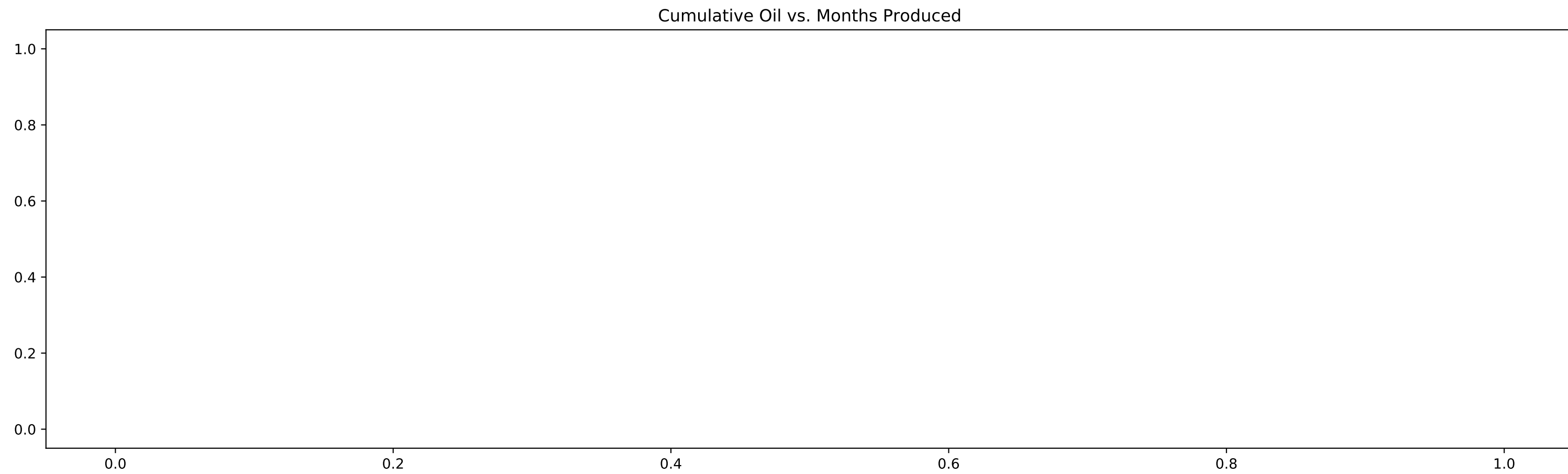
# Old Production Outside of Tract 63 - 3 Mi Radius



Lease Summary for tract 64  
Total Number of Leases: 7  
Average Price \$2/acre in 2019

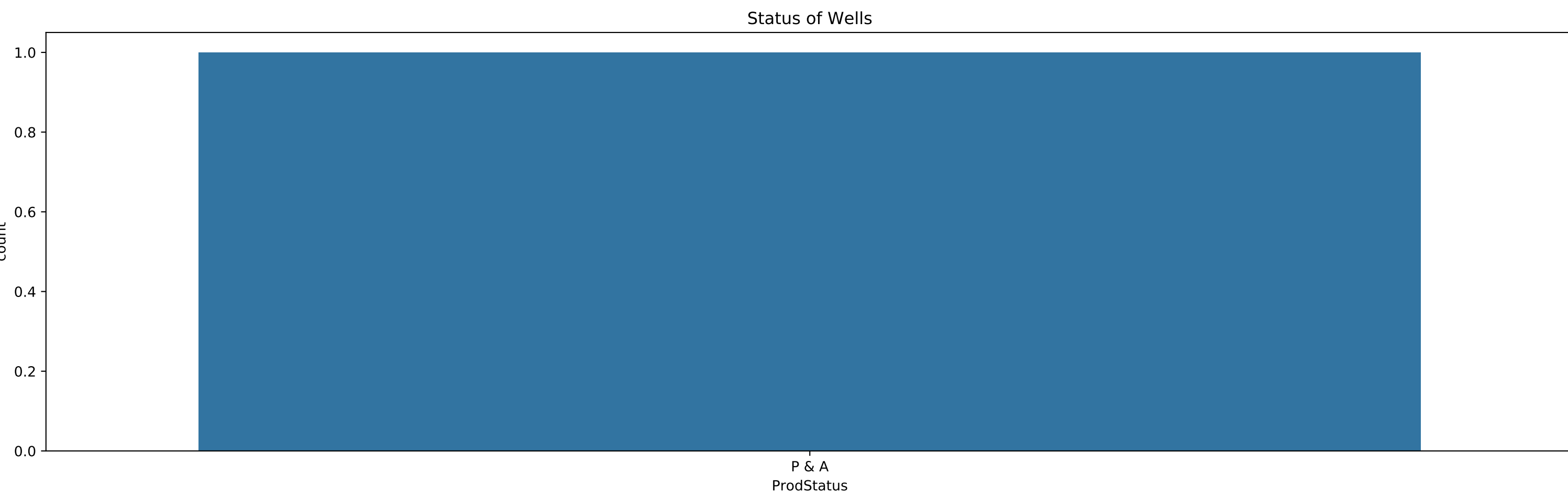
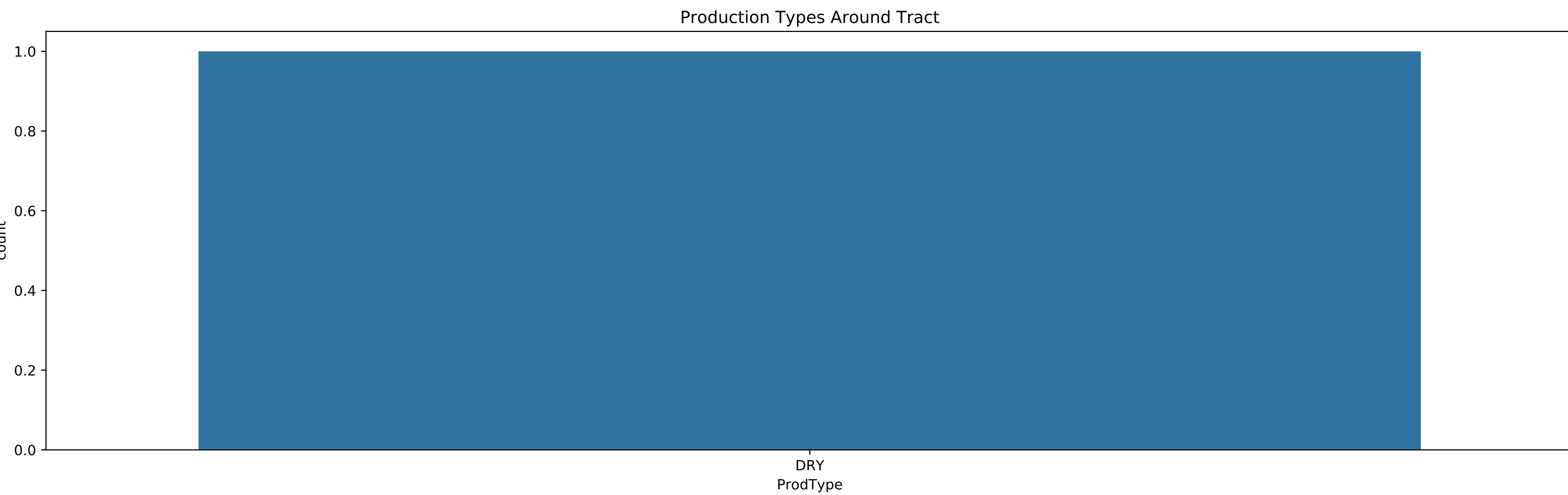
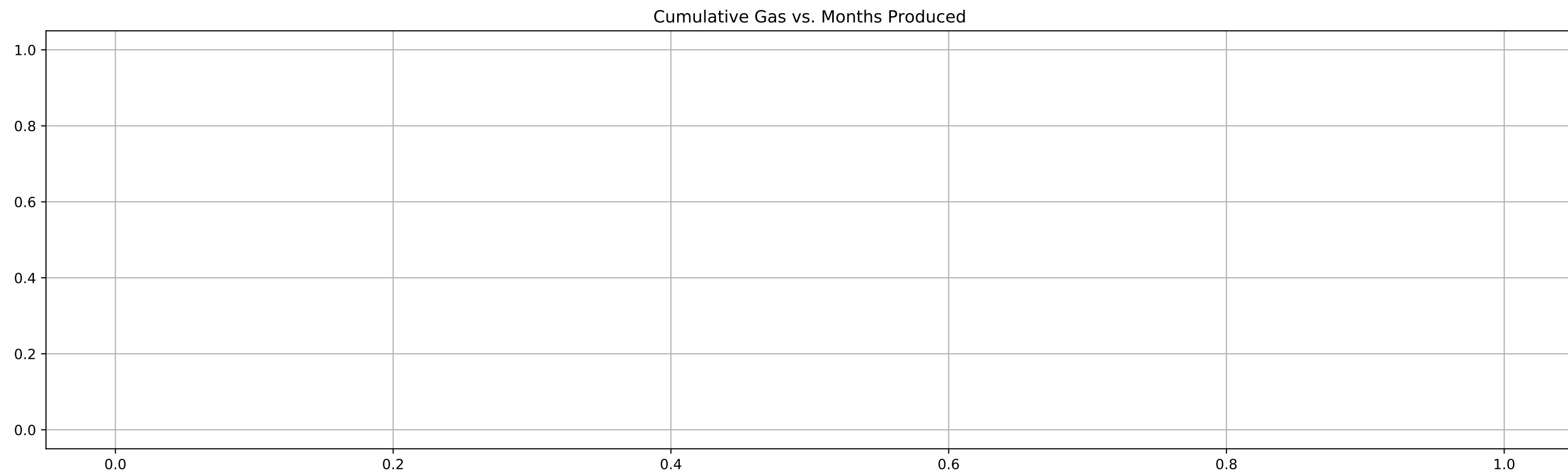
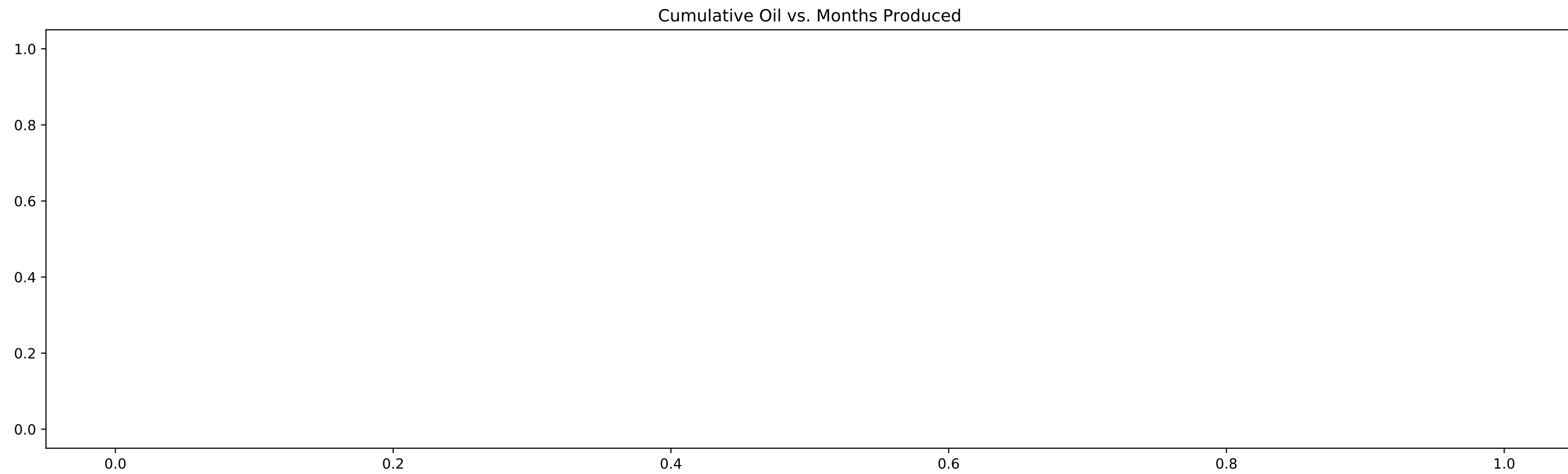


# Old Production Outside of Tract 65 - 3 Mi Radius

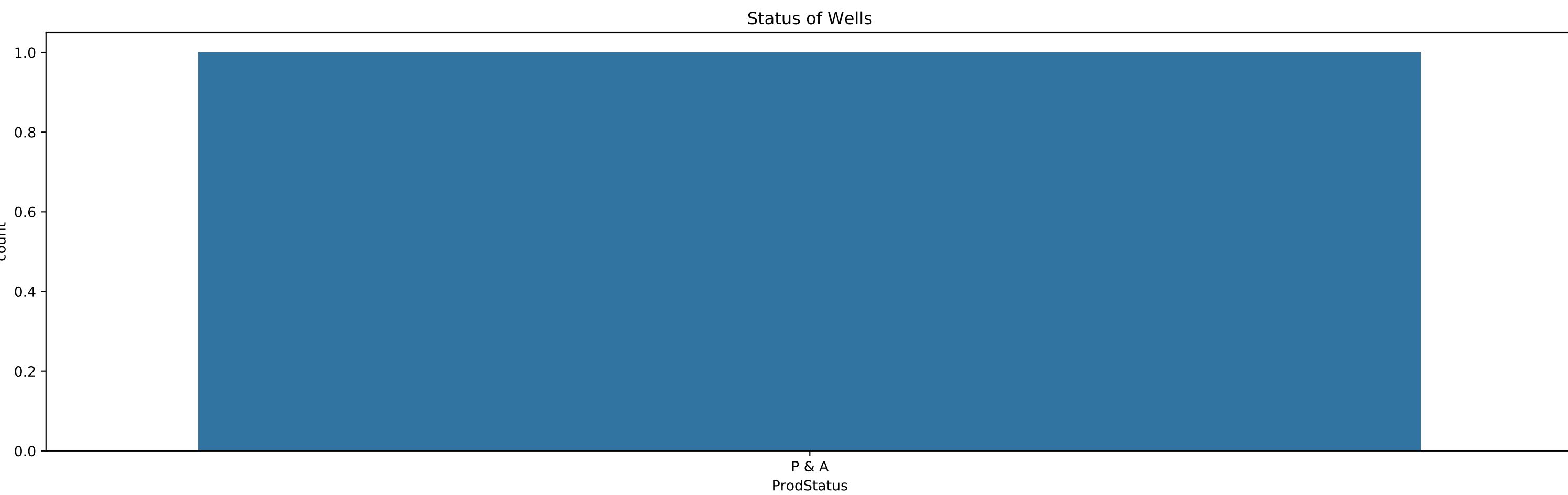
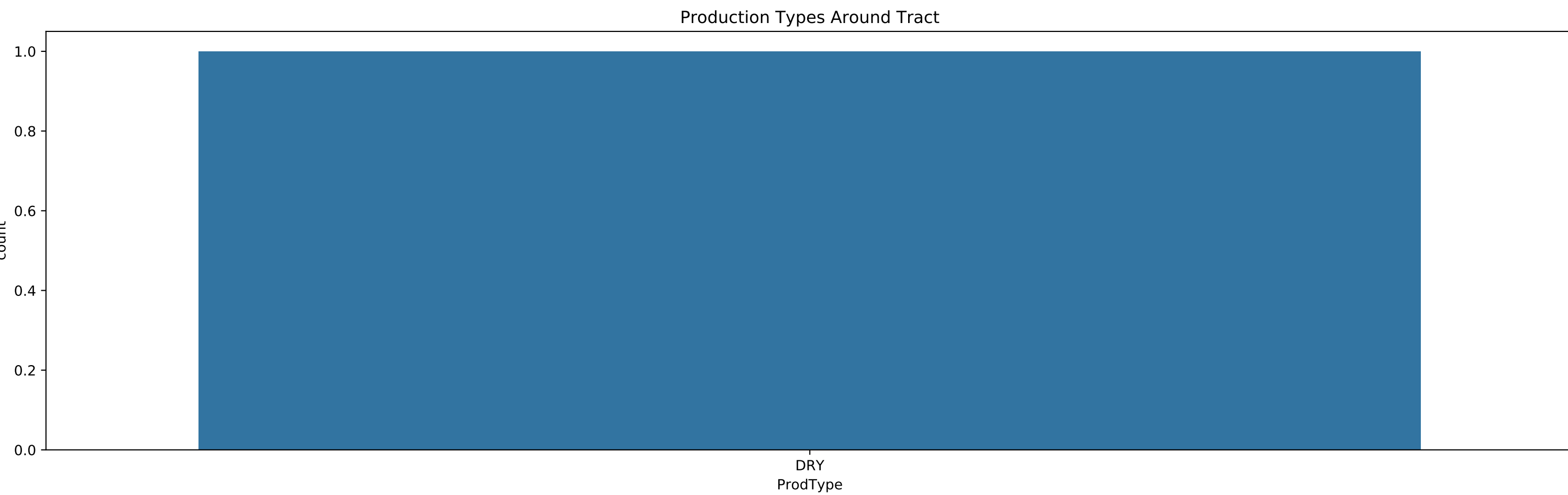
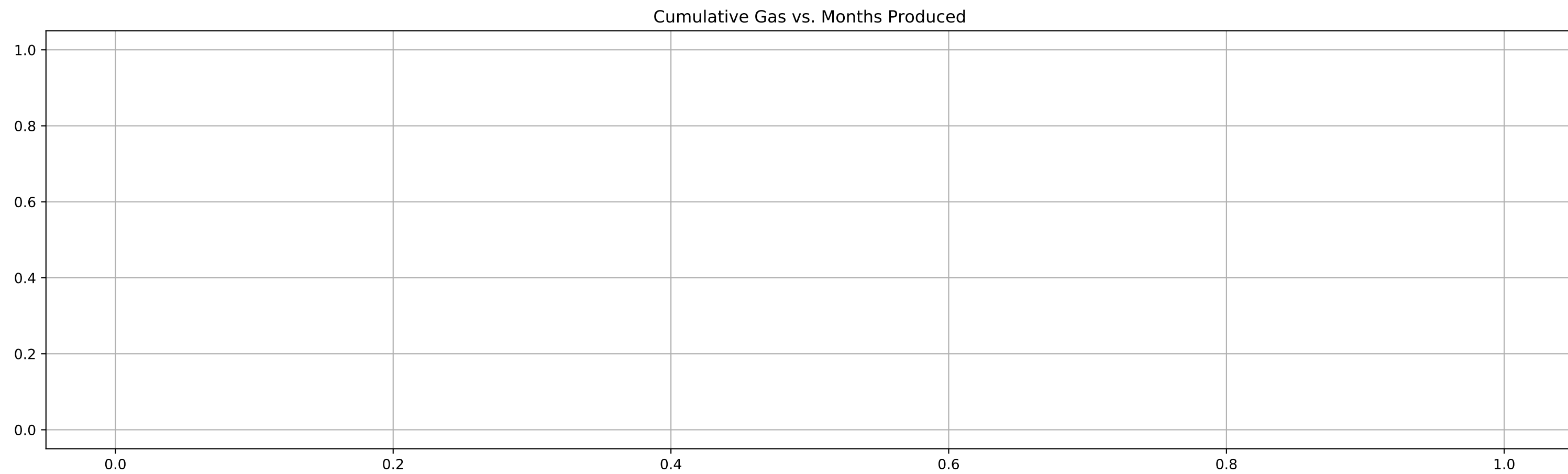
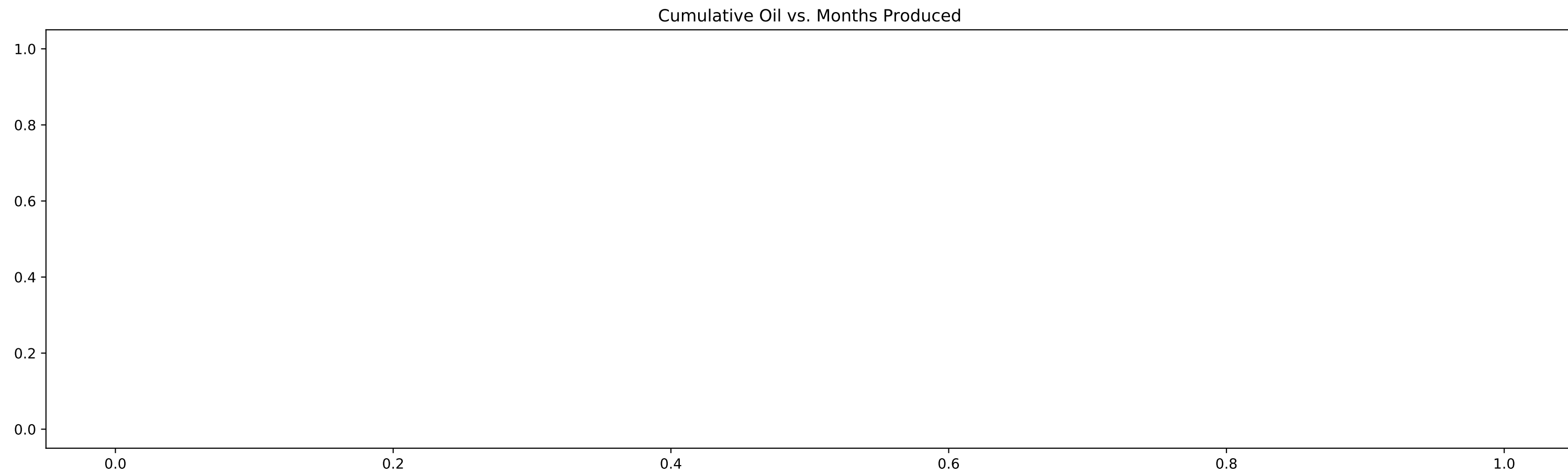




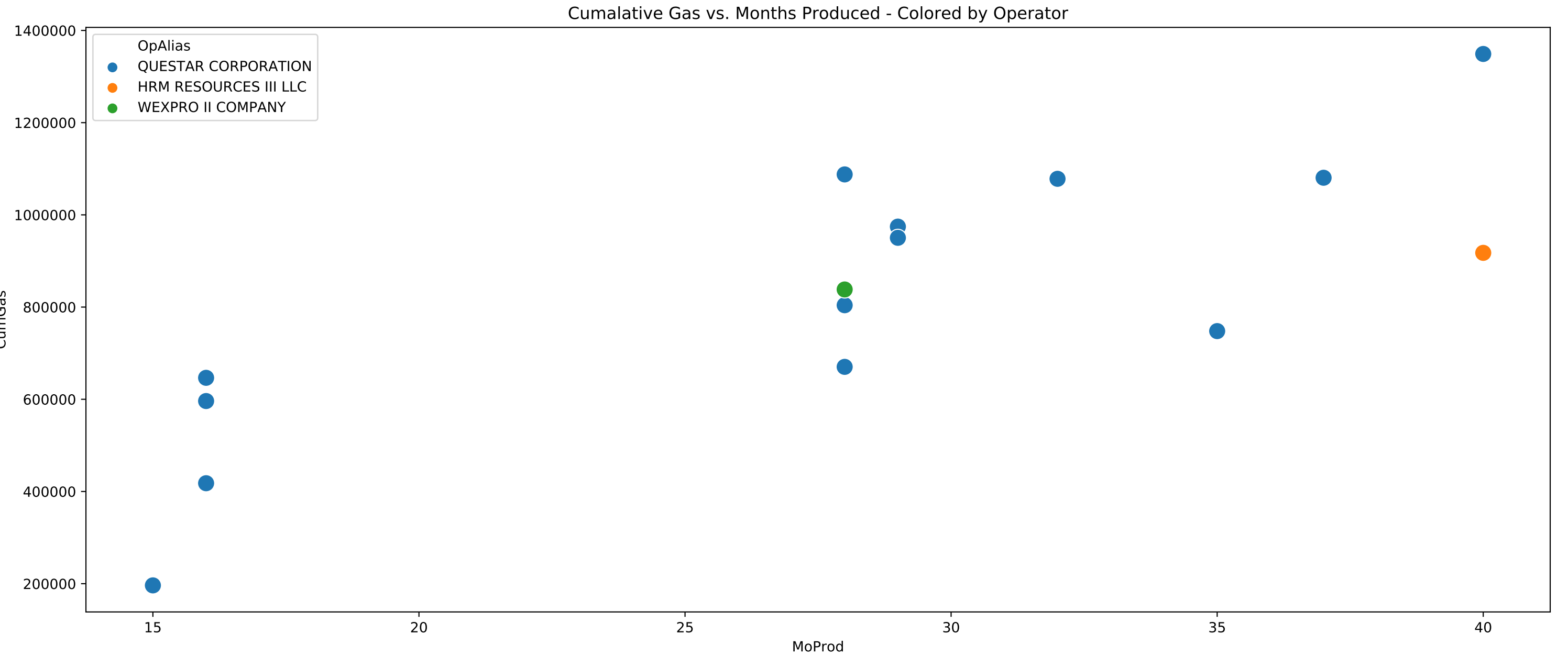
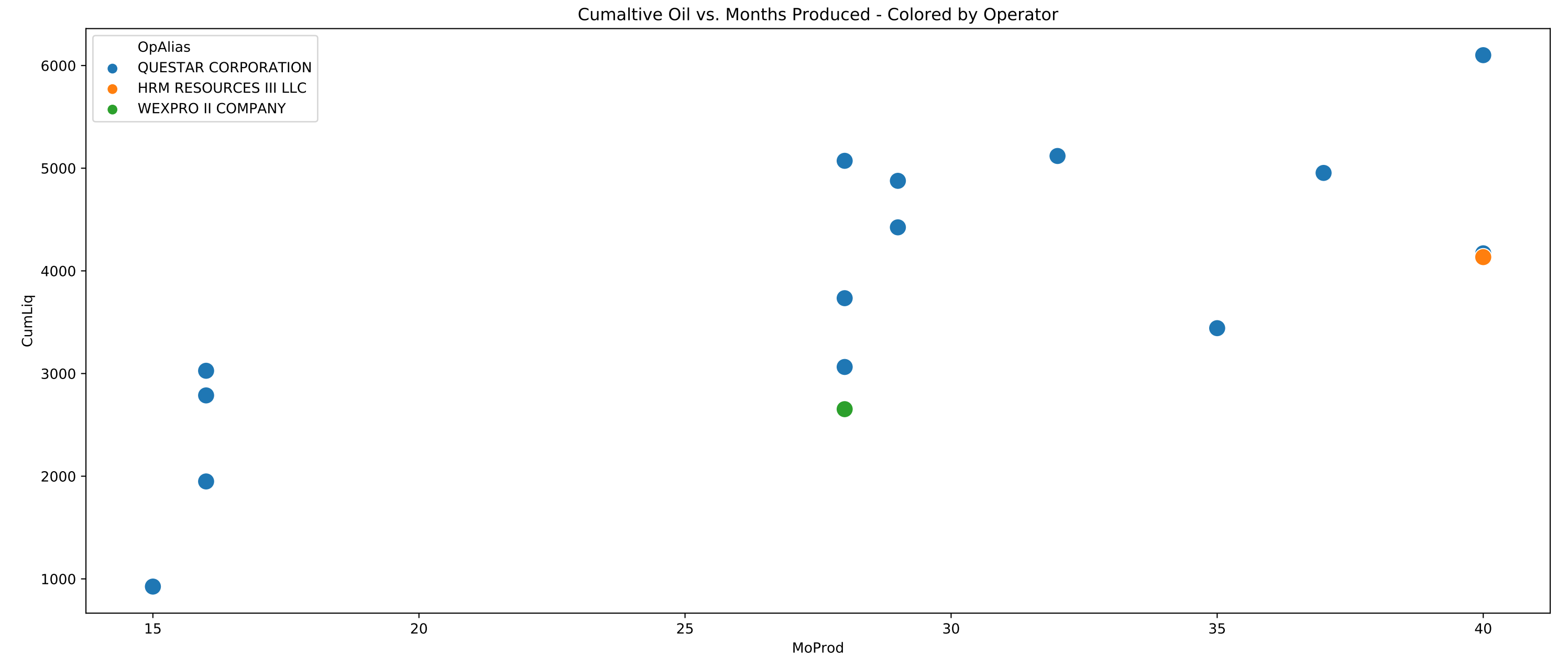
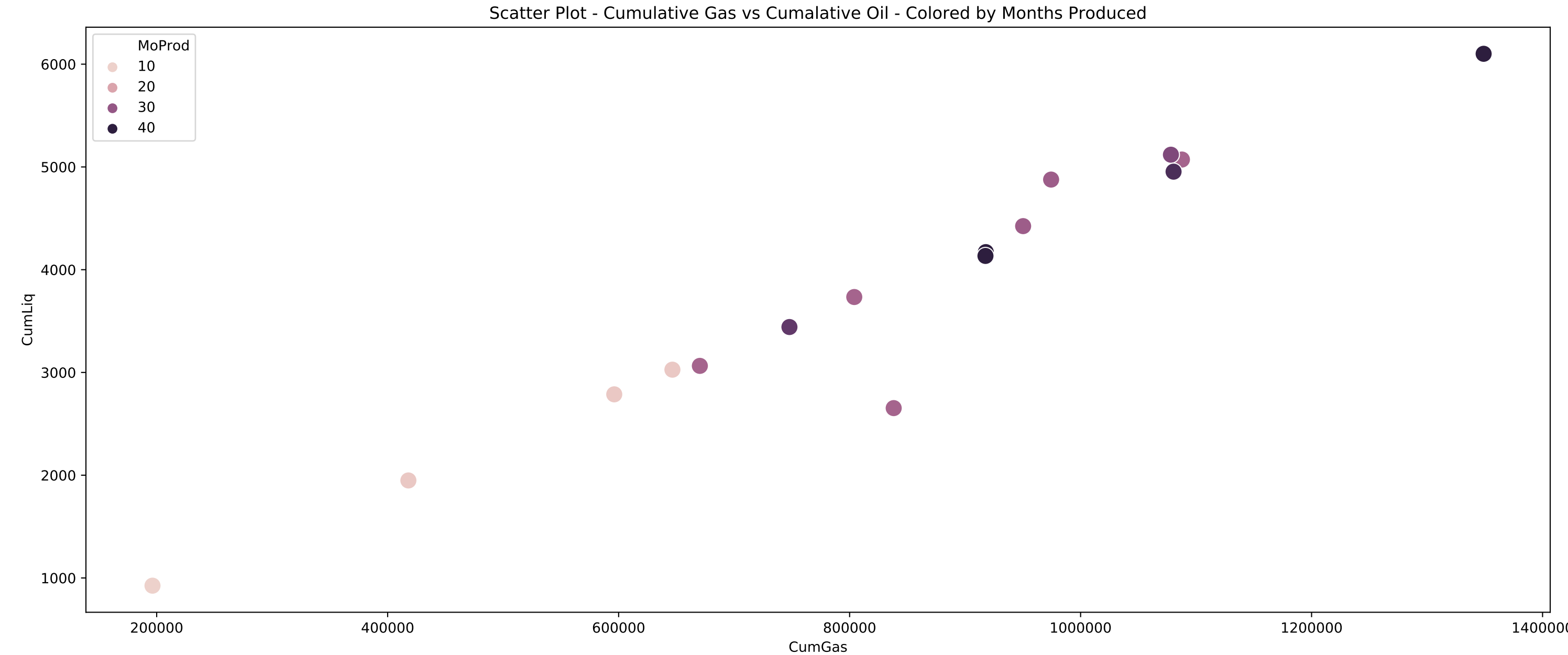
# Old Production Outside of Tract 68 - 3 Mi Radius



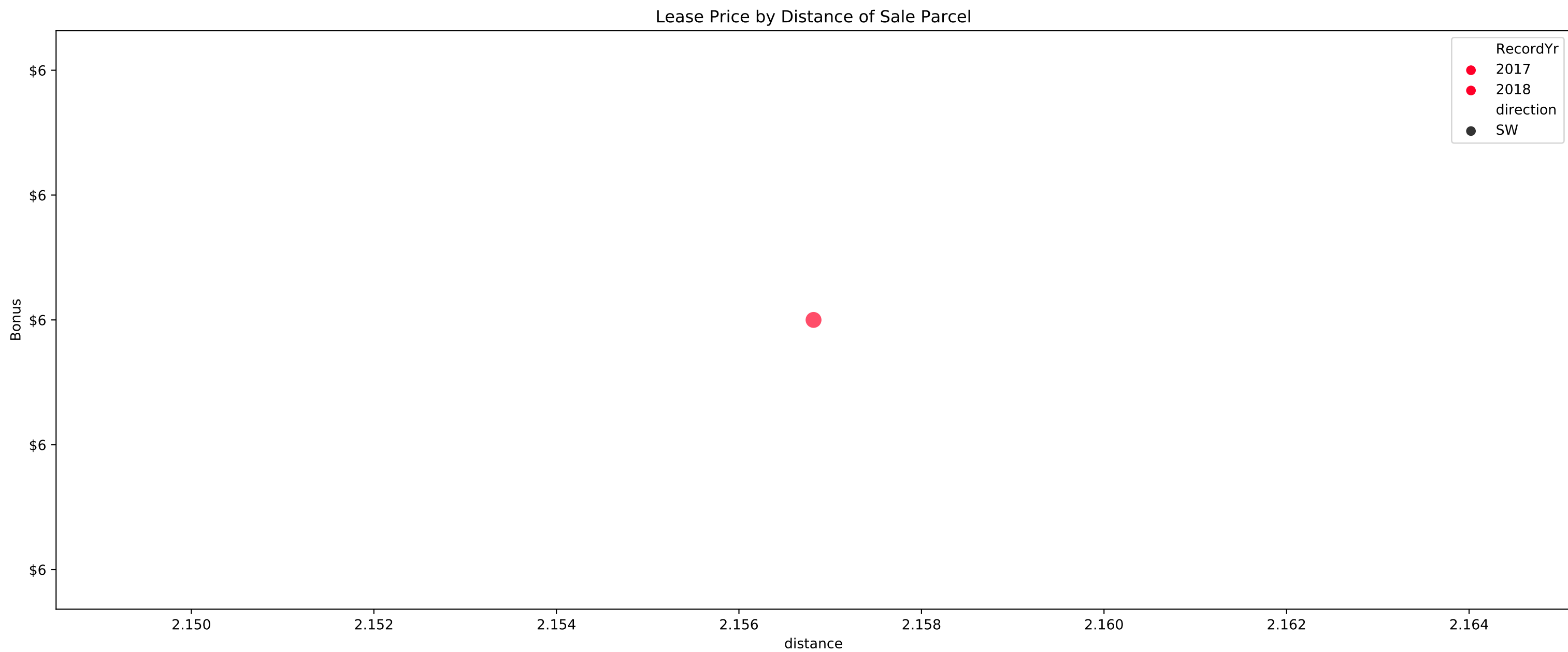
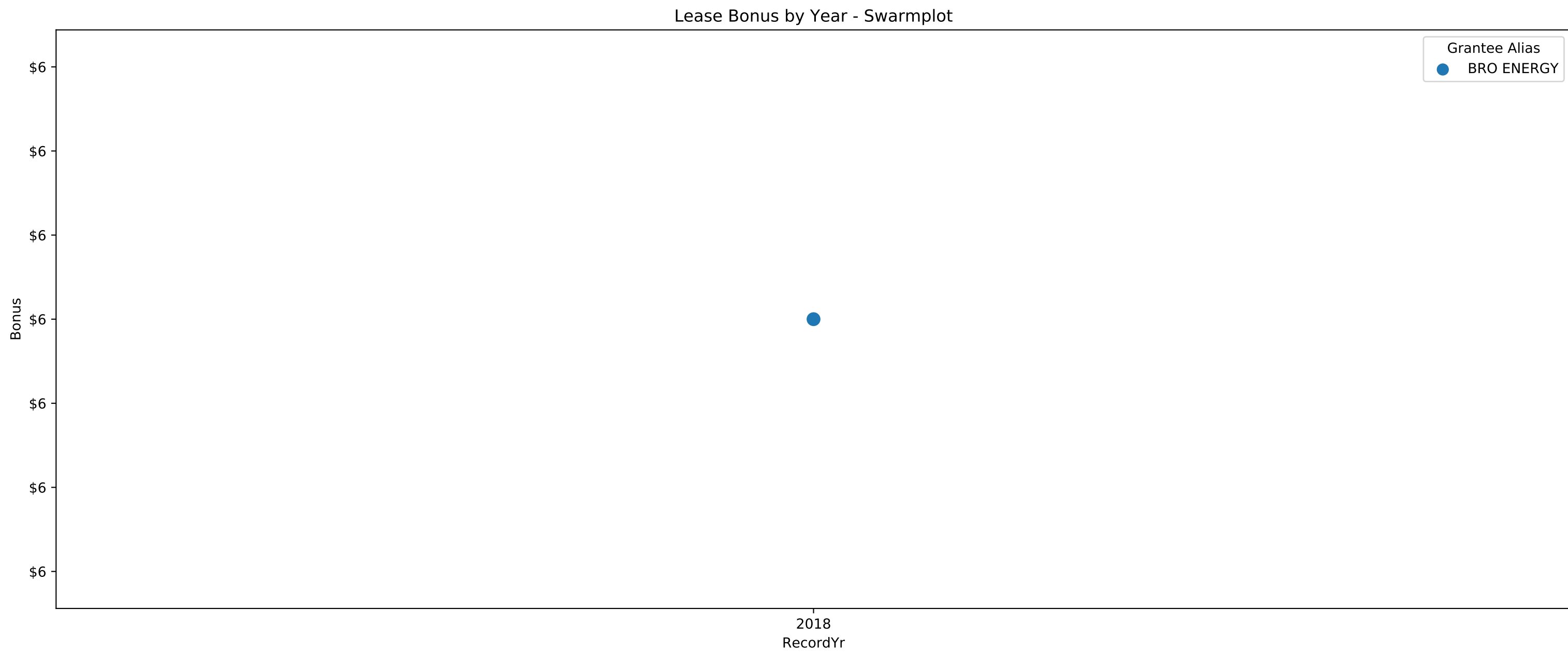
# Old Production Outside of Tract 113 - 3 Mi Radius



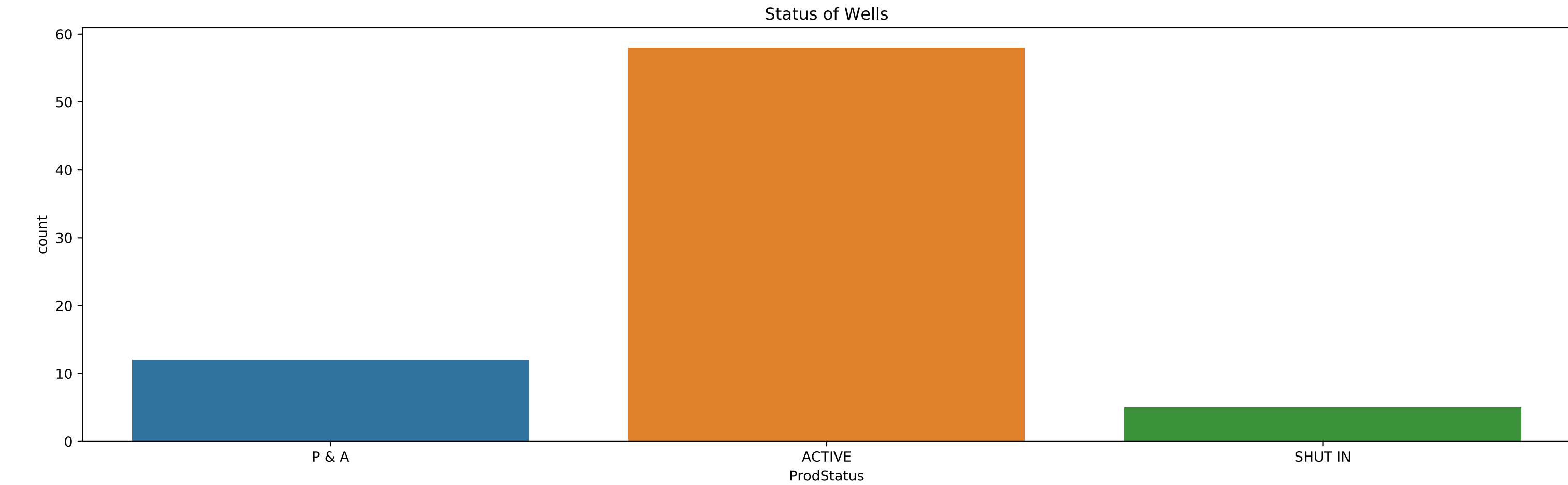
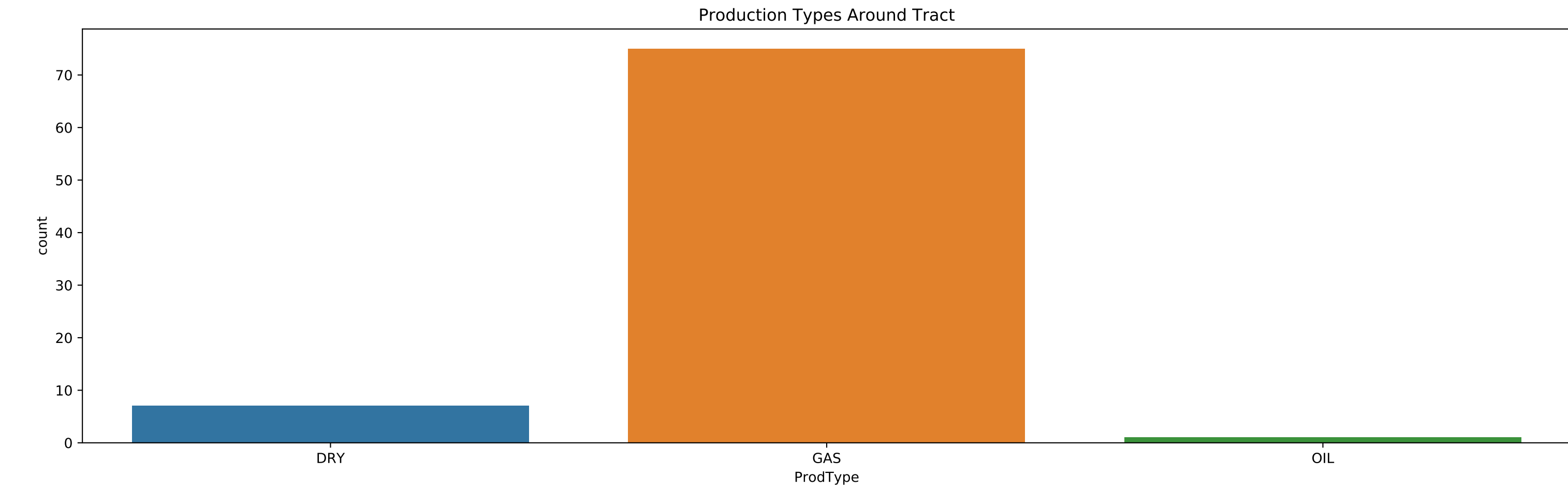
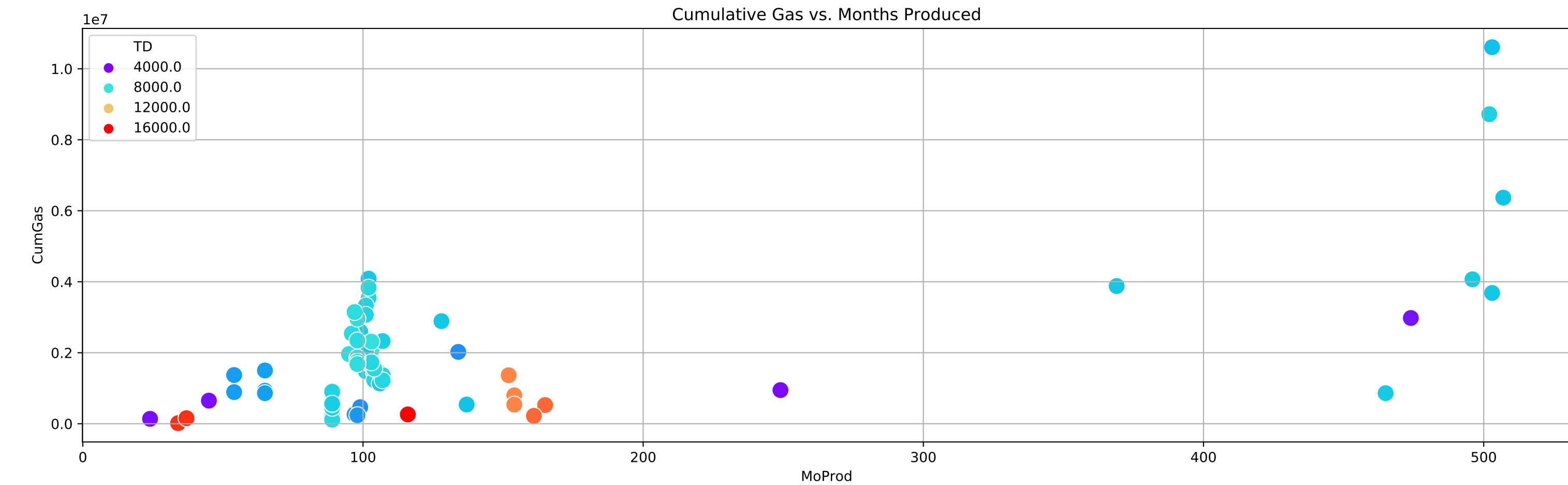
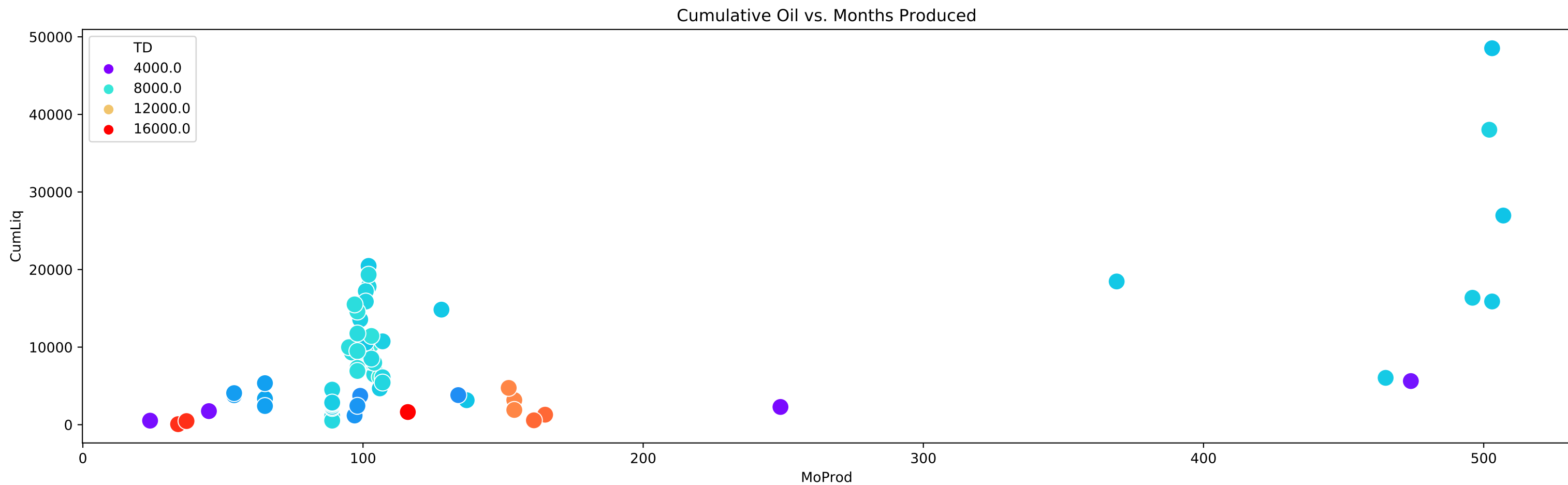
Production Dashboard for tract 72



Lease Summary for tract 72  
Total Number of Leases: 1  
Average Price \$6/acre in 2018



# Old Production Outside of Tract 72 - 3 Mi Radius



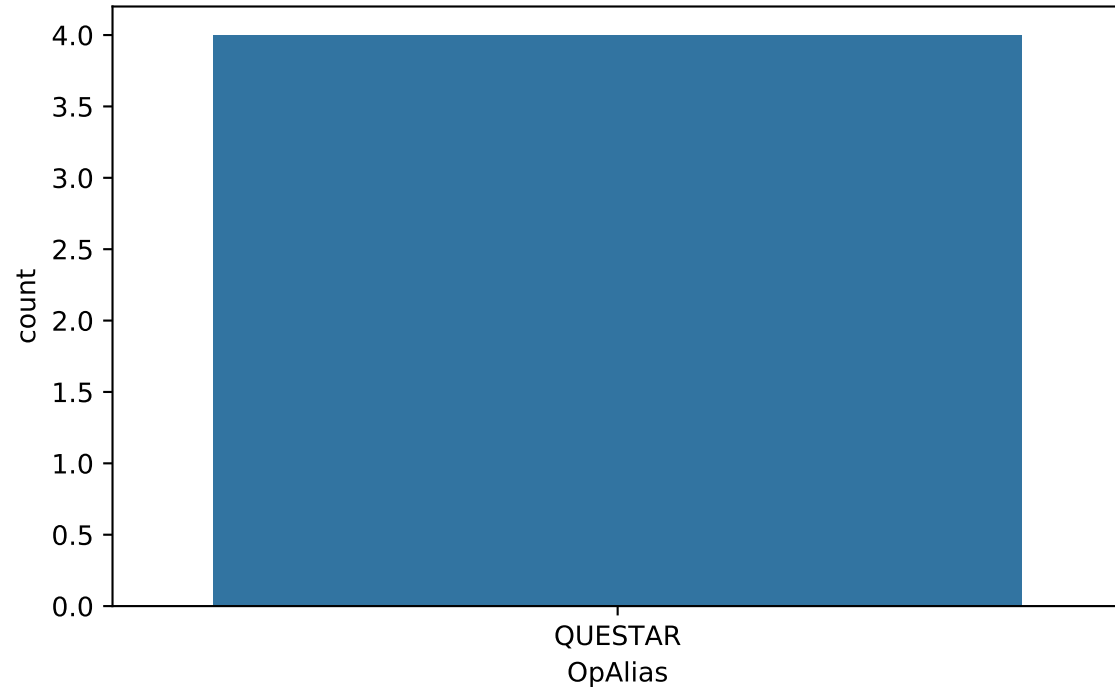
# Permit Summary for Tract 73

Total permits: 4

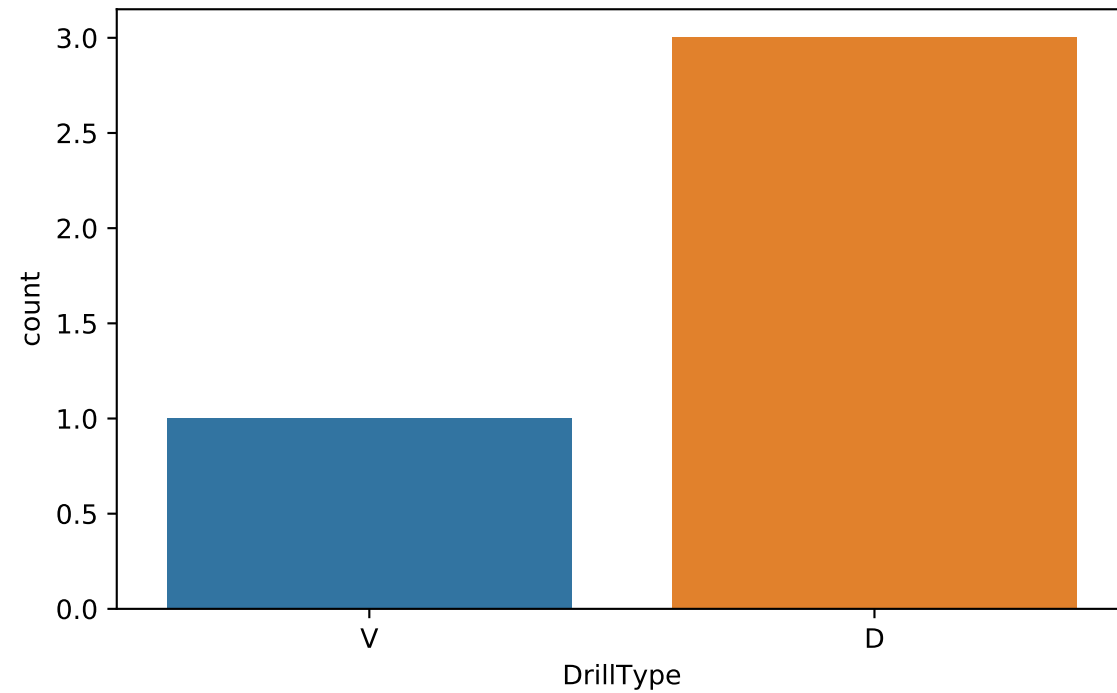
## Permits by Well Status



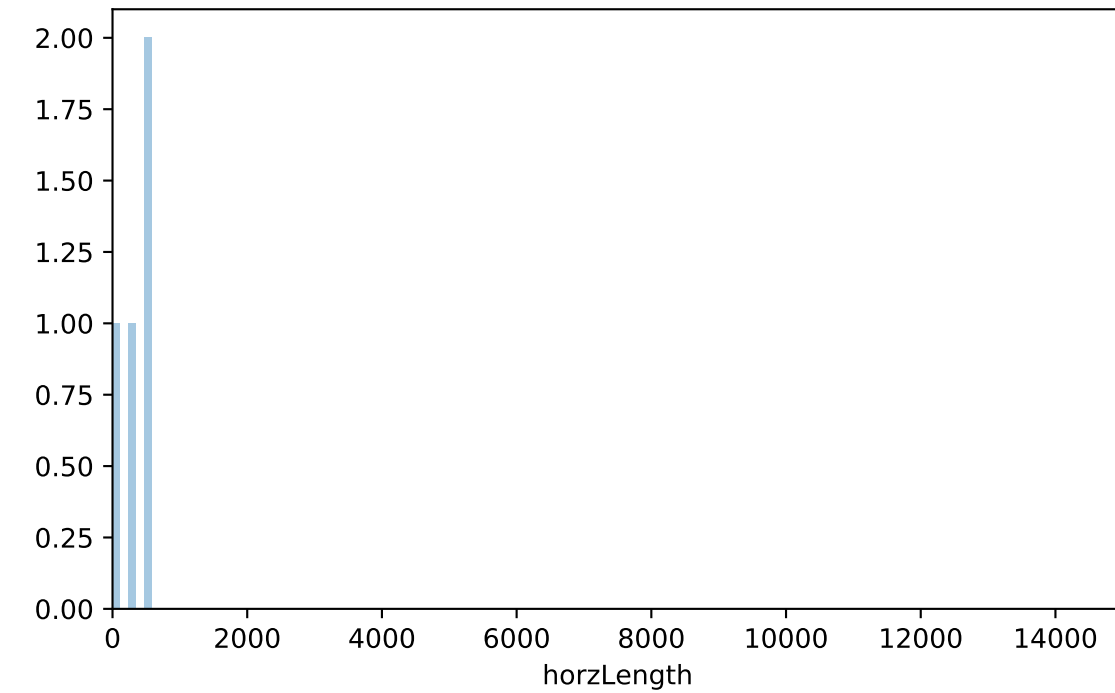
## Permits by Operator



## Permits by Well Type (H,D,V)

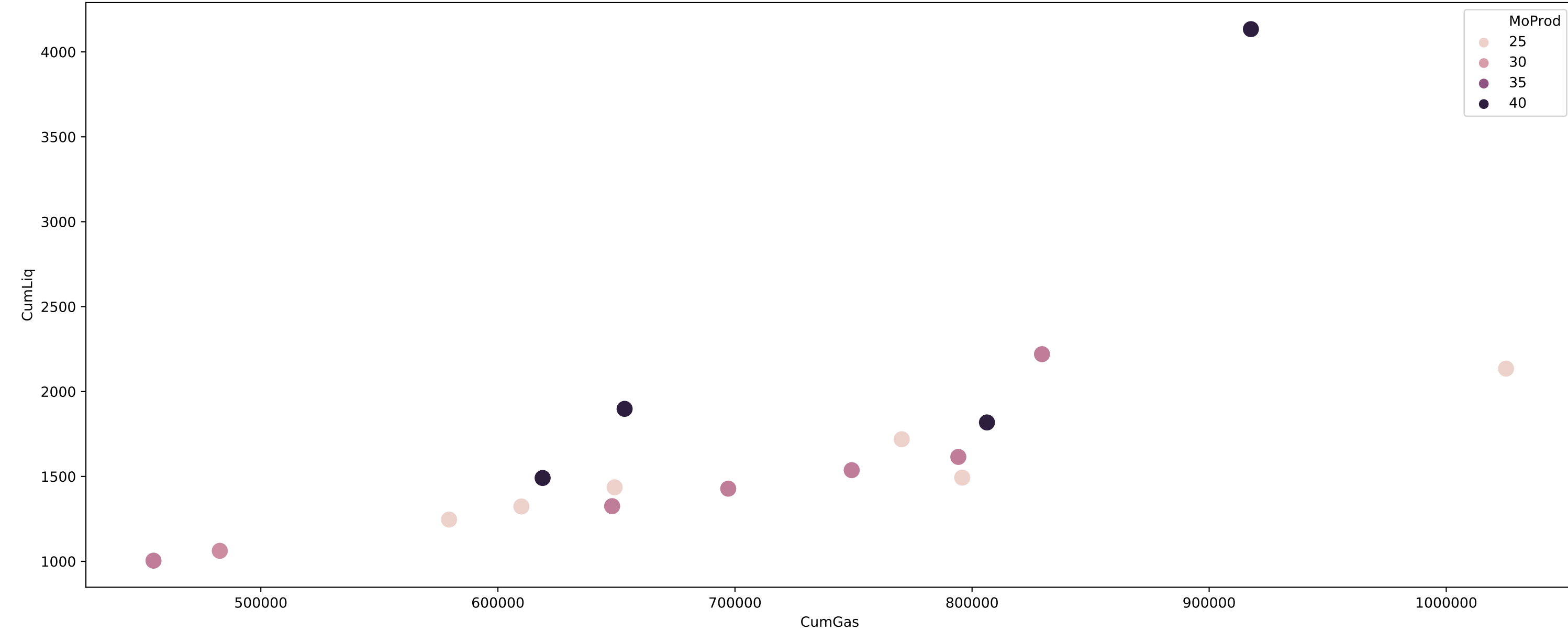


## Permit Horizontal Lengths - Binned

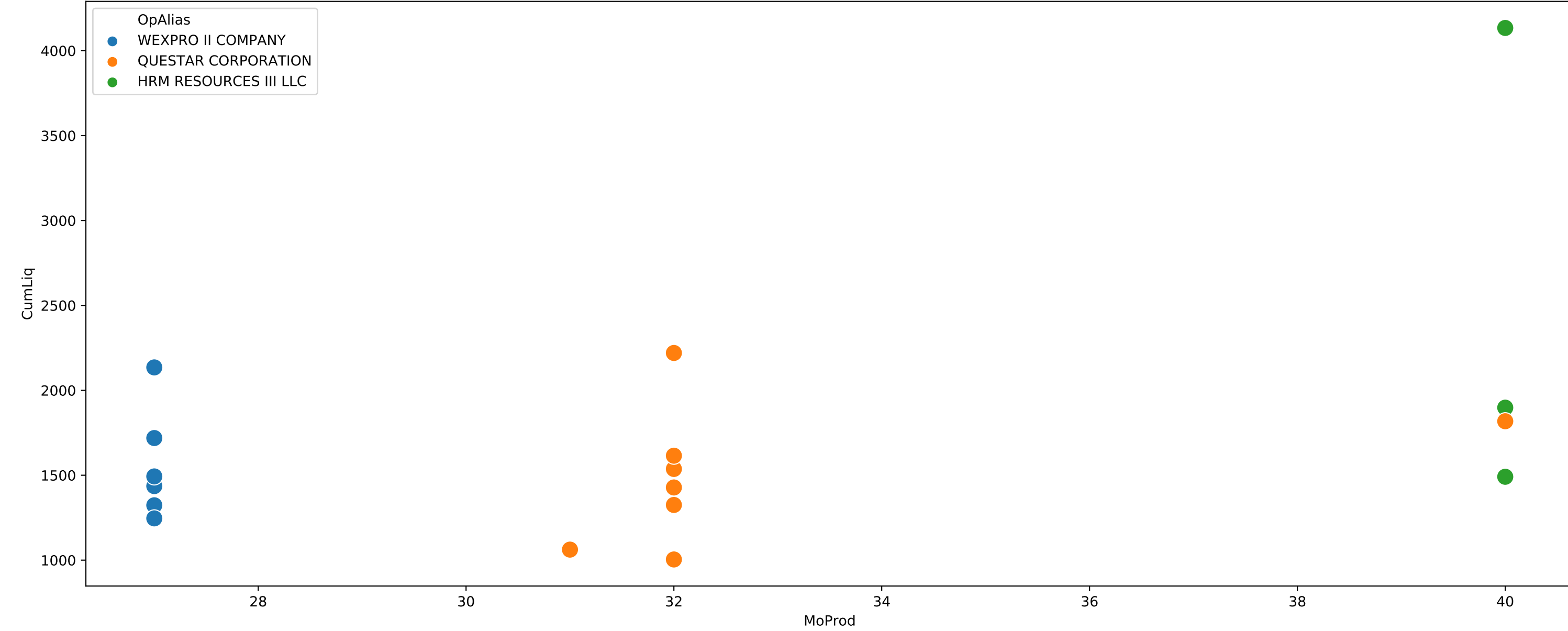


Production Dashboard for tract 73

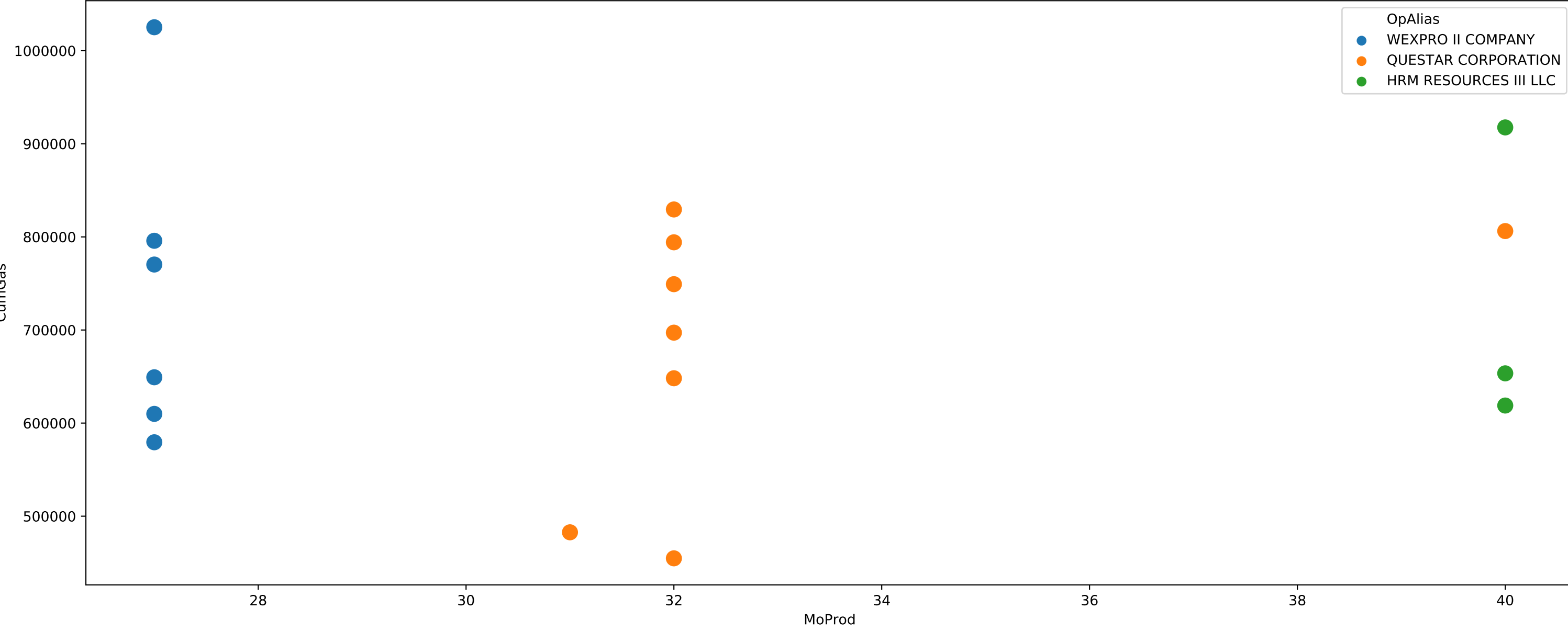
Scatter Plot - Cumulative Gas vs Cumalative Oil - Colored by Months Produced



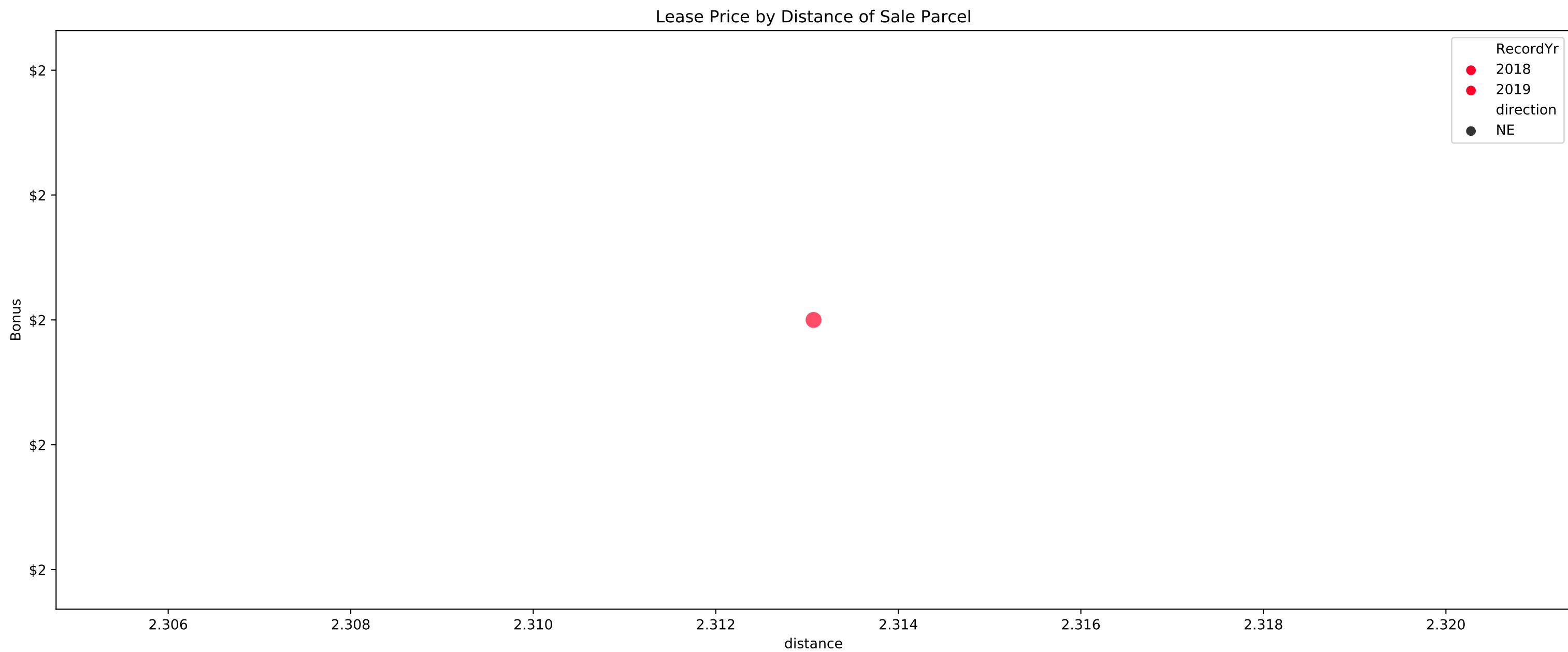
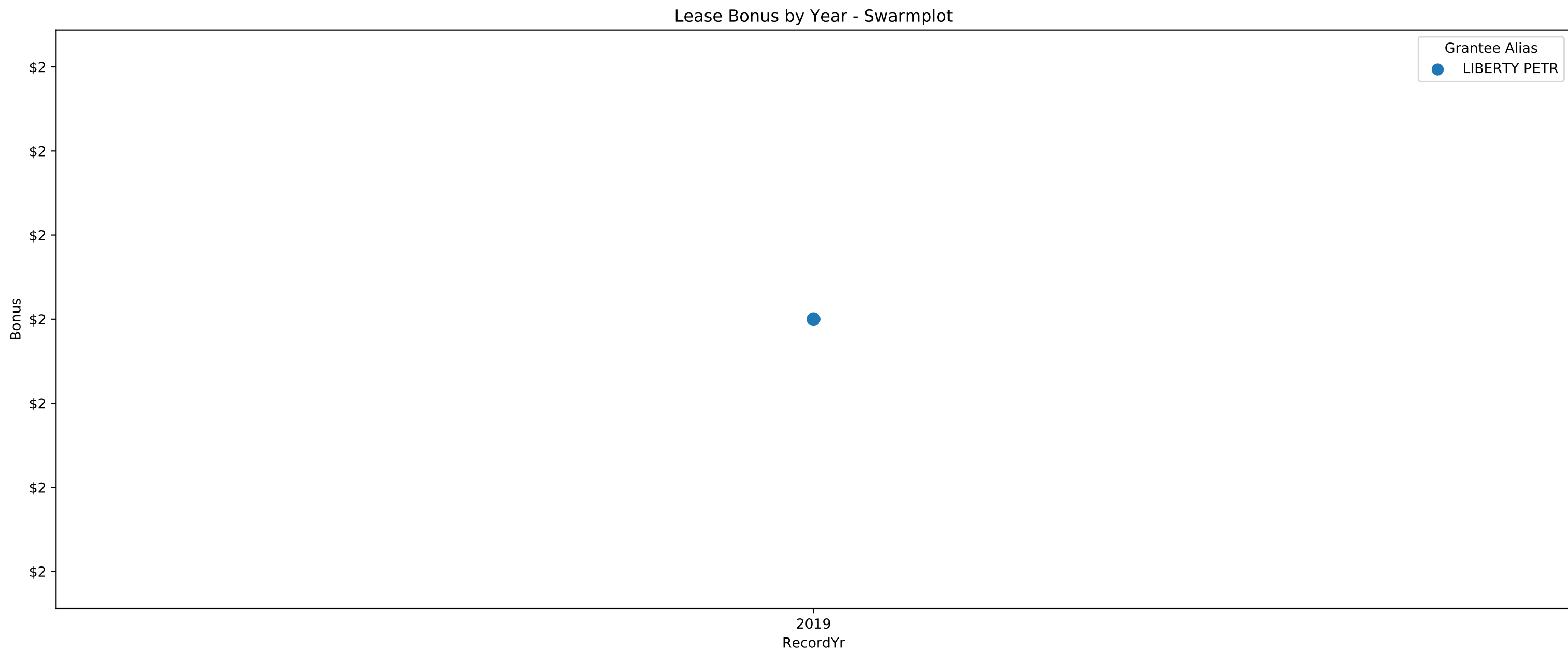
Cumaltive Oil vs. Months Produced - Colored by Operator



Cumalative Gas vs. Months Produced - Colored by Operator

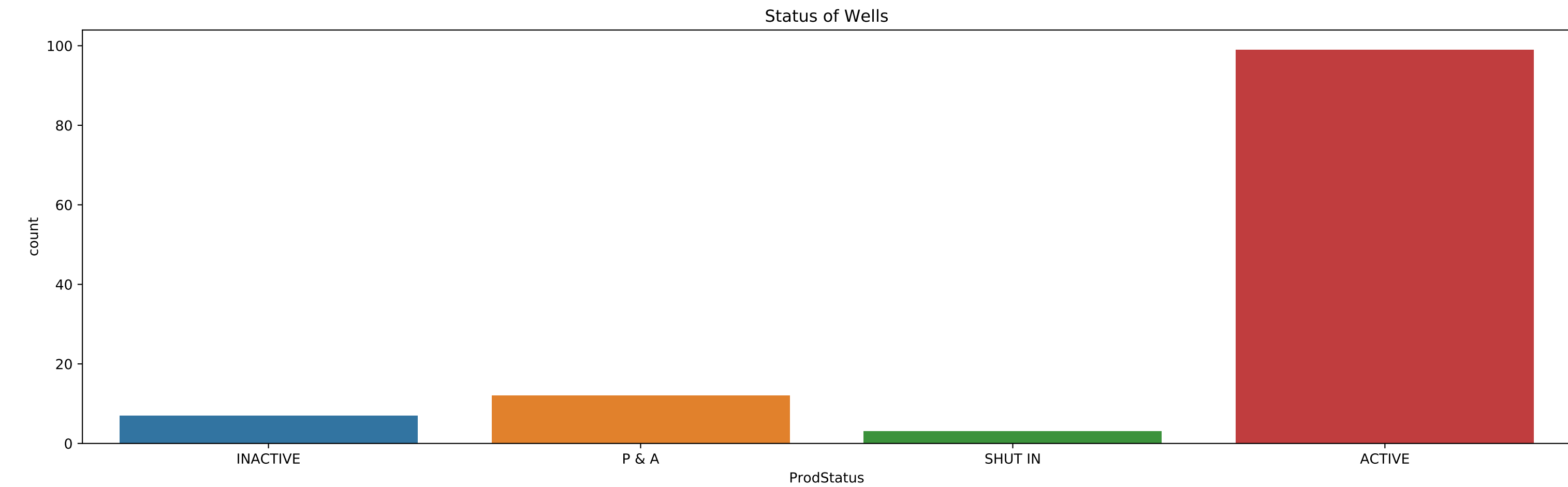
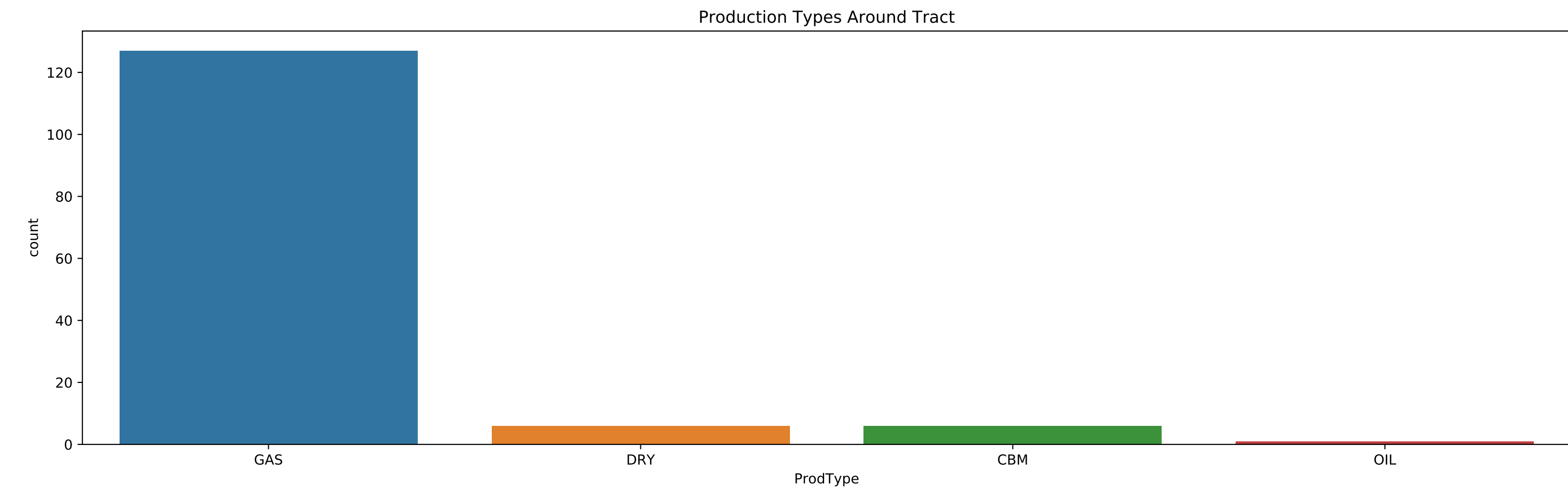
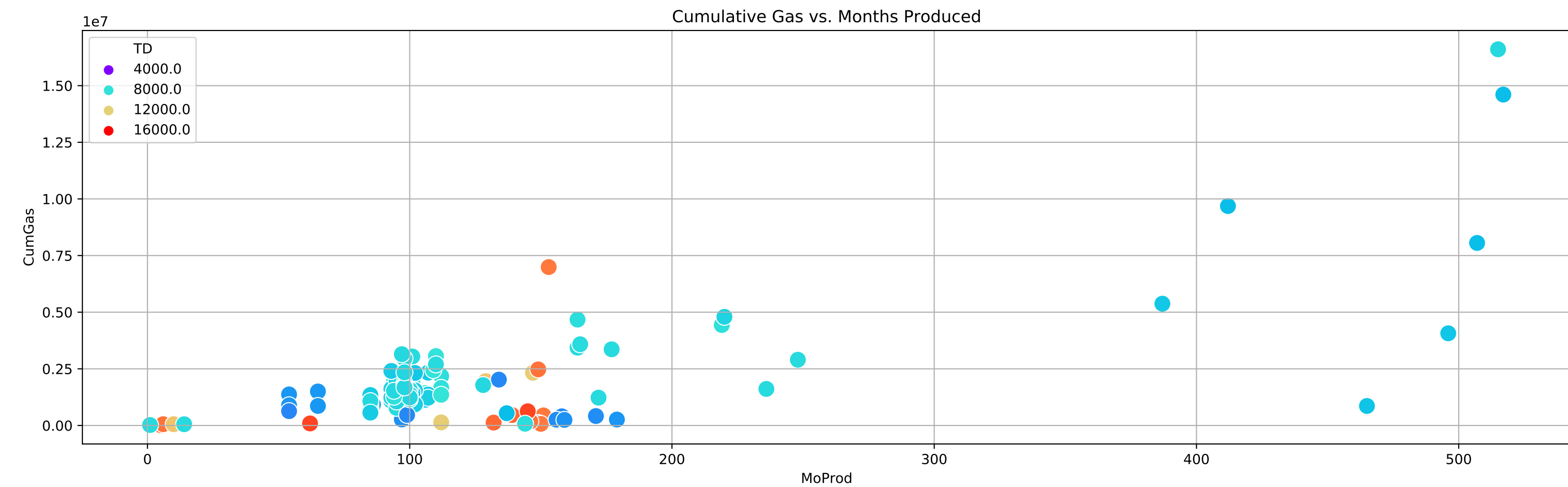
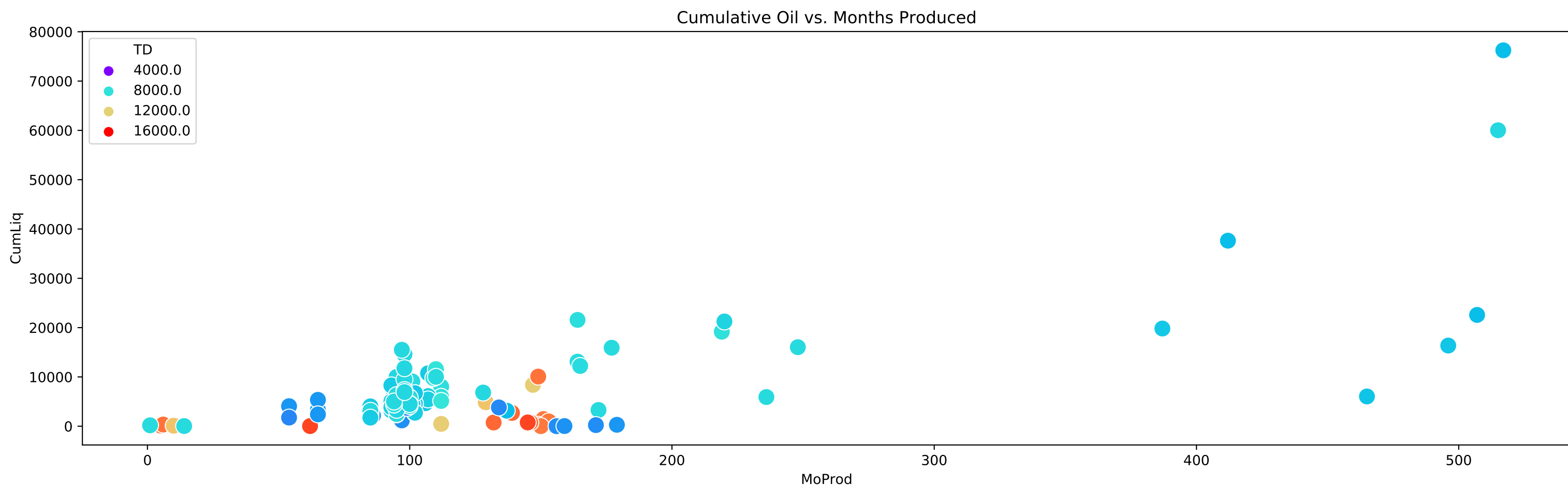


Lease Summary for tract 73  
Total Number of Leases: 1  
Average Price \$2/acre in 2019





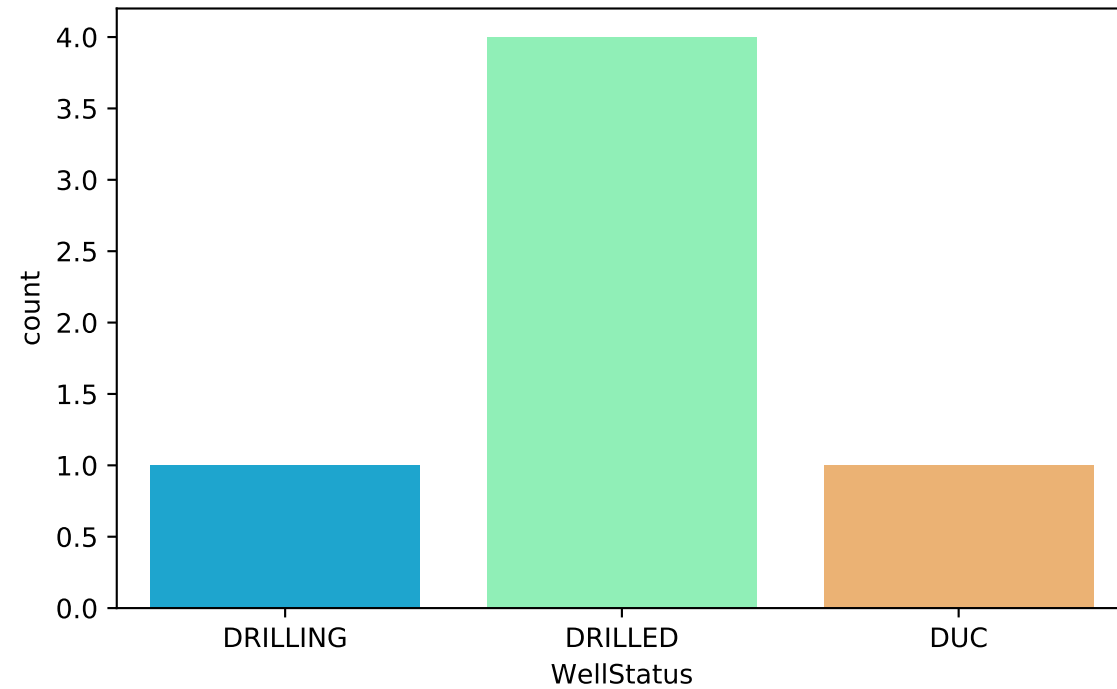
# Old Production Outside of Tract 73 - 3 Mi Radius



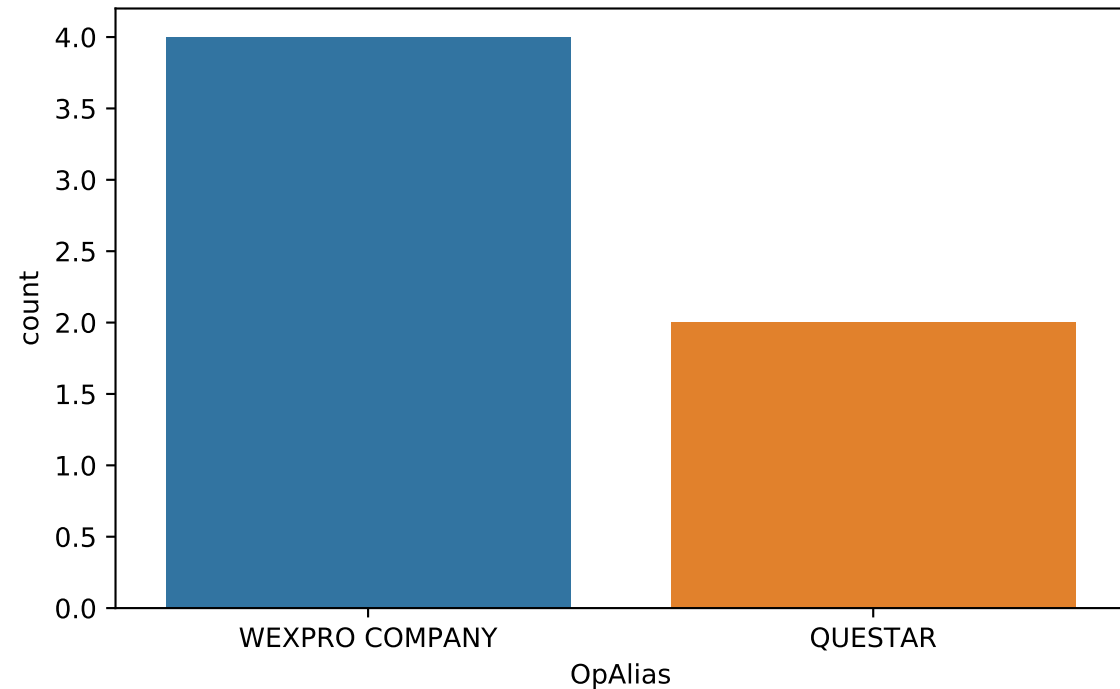
# Permit Summary for Tract 74

## Total permits: 6

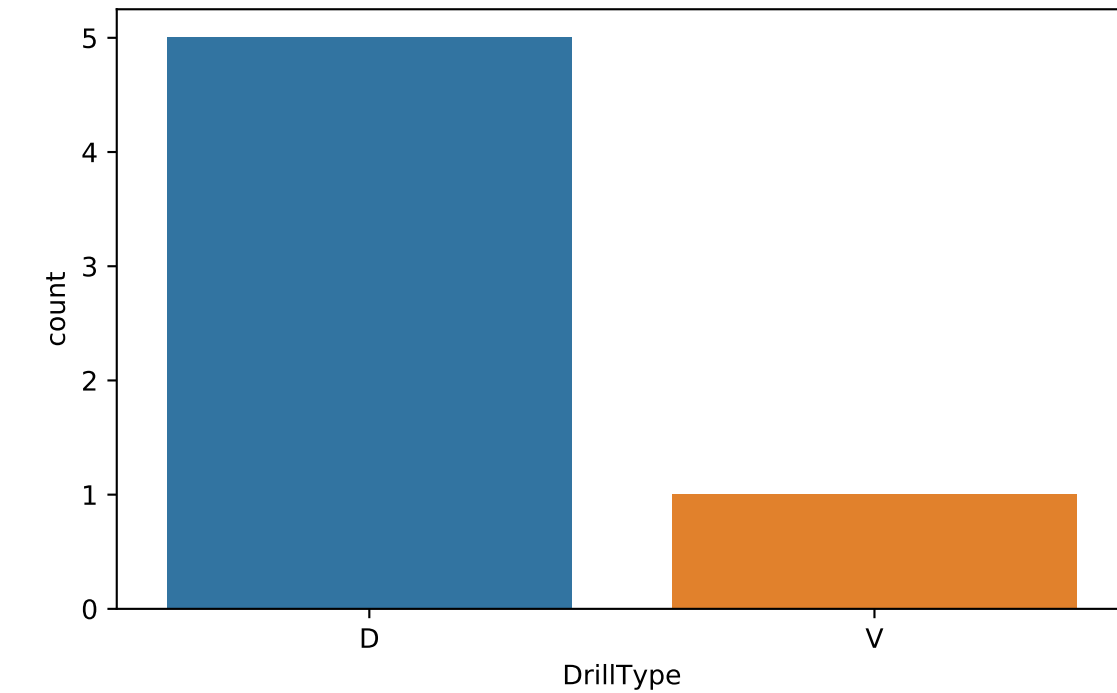
### Permits by Well Status



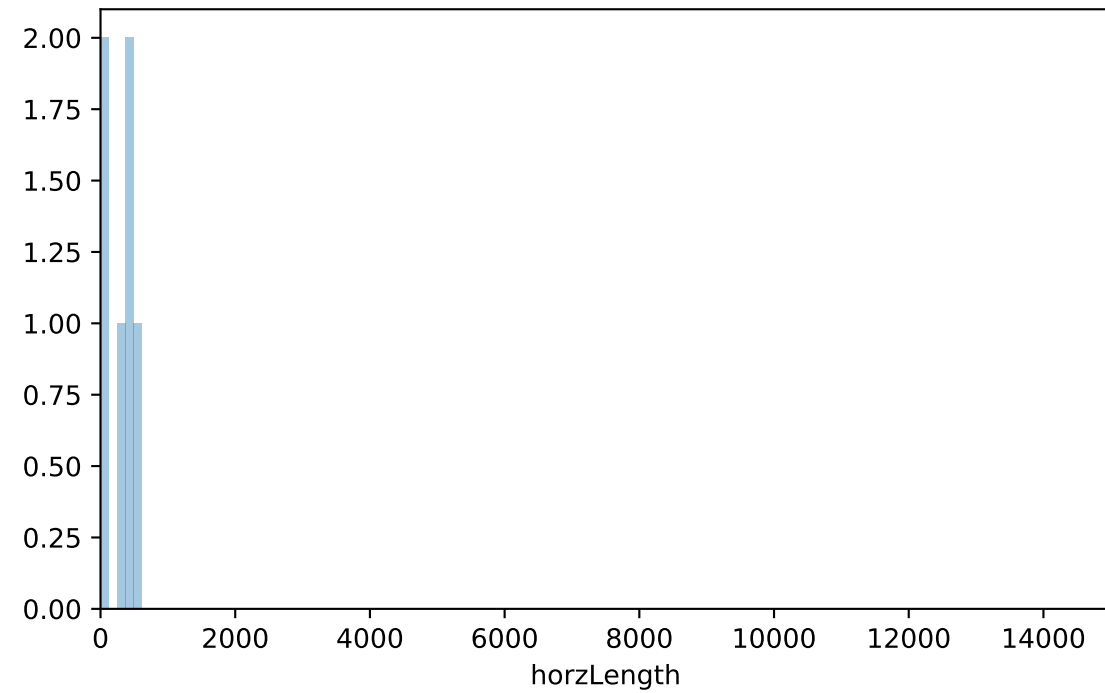
### Permits by Operator



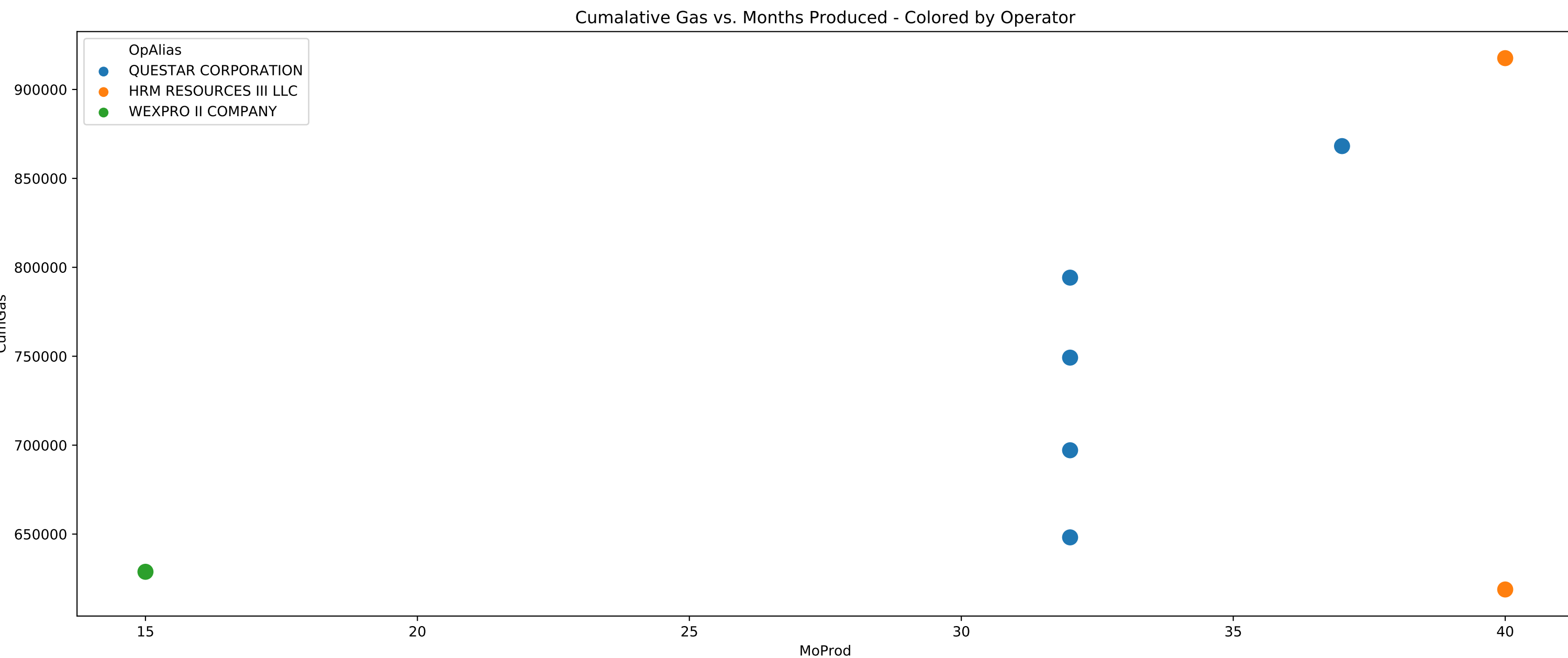
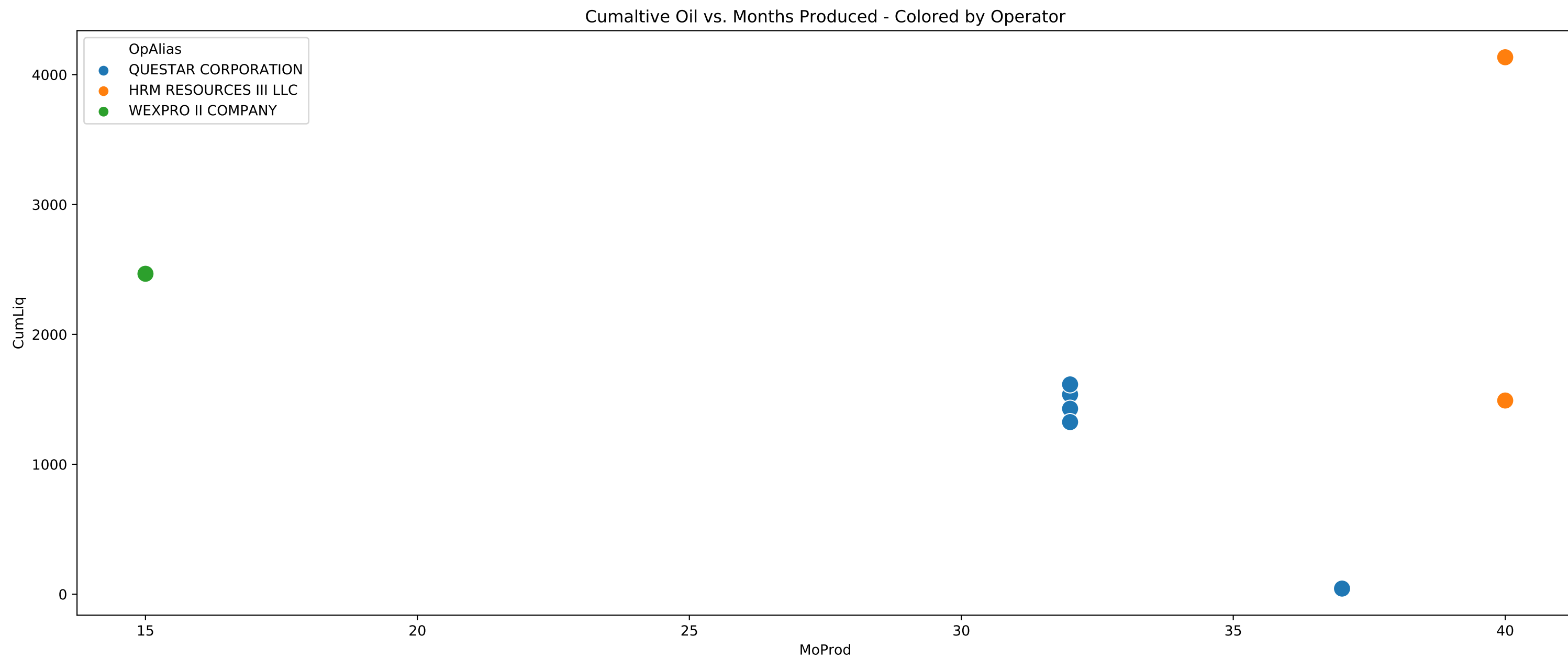
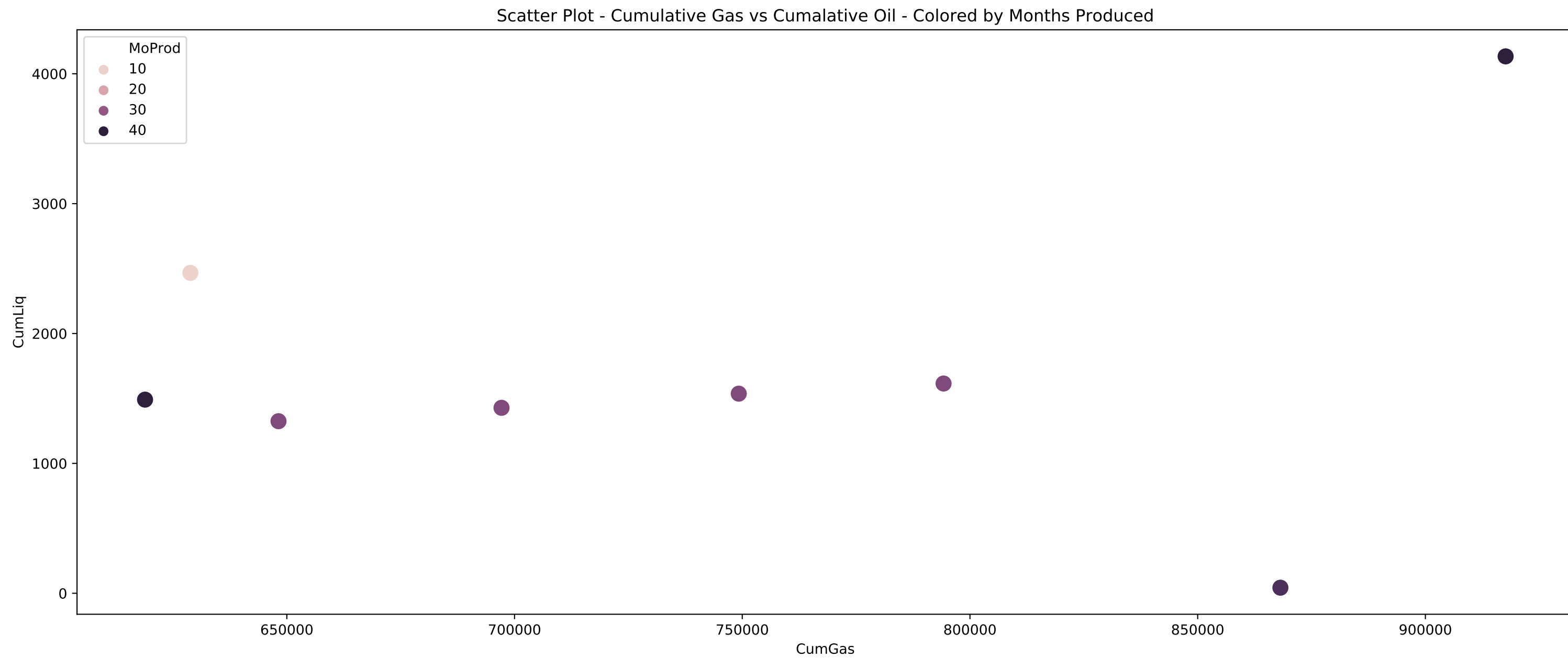
### Permits by Well Type (H,D,V)



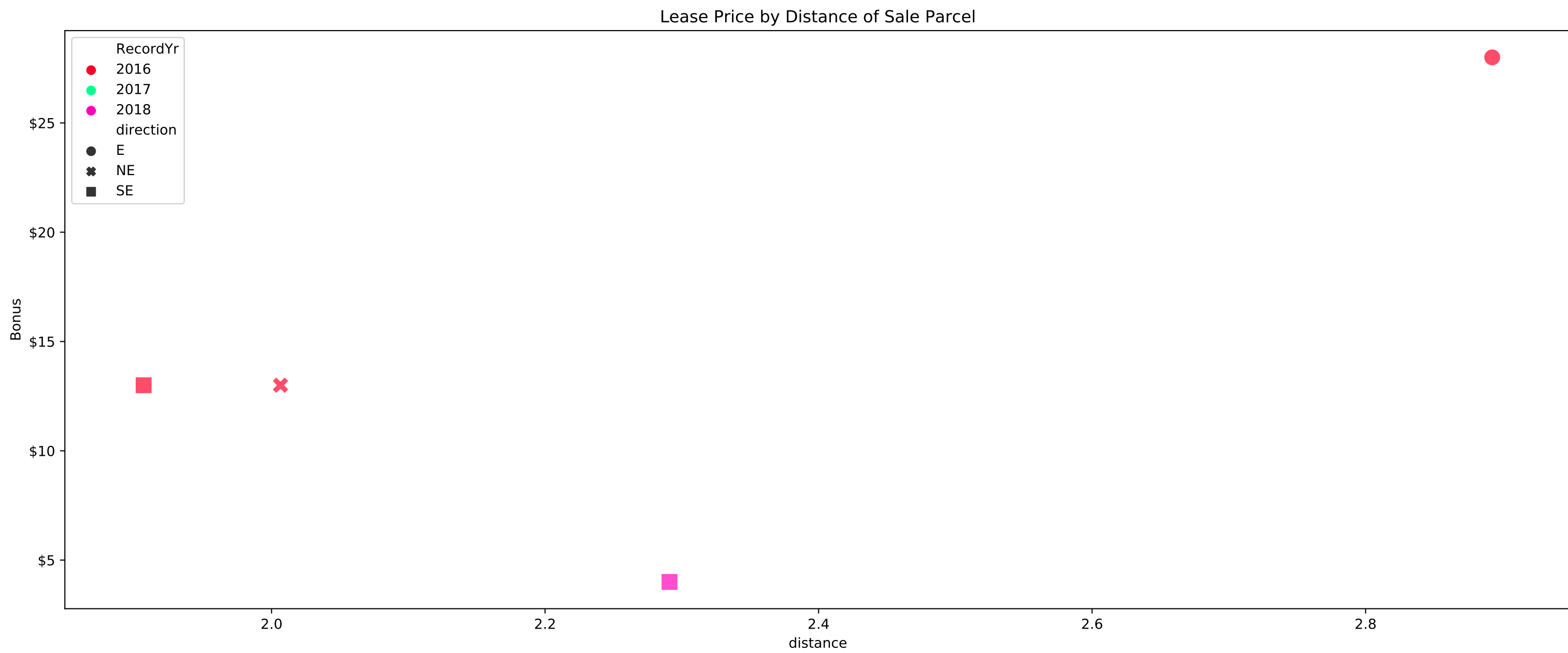
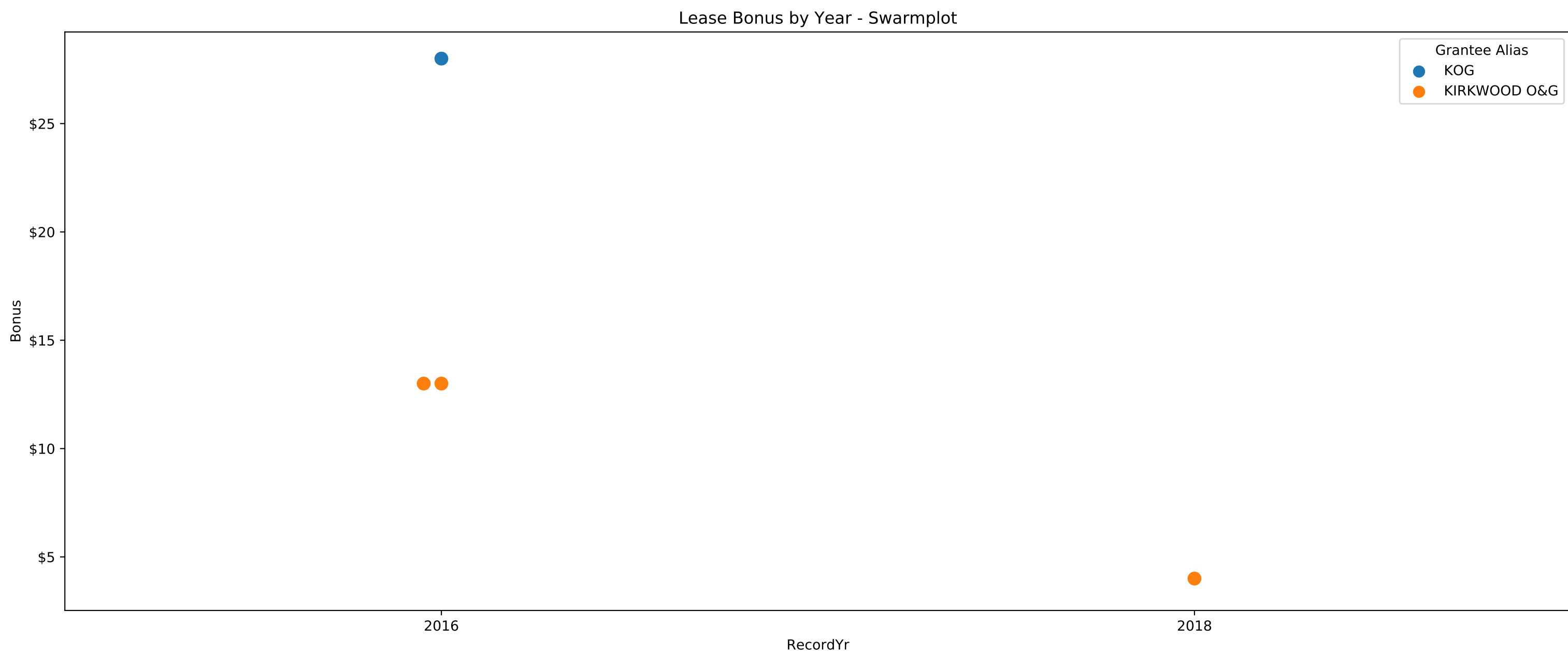
### Permit Horizontal Lengths - Binned



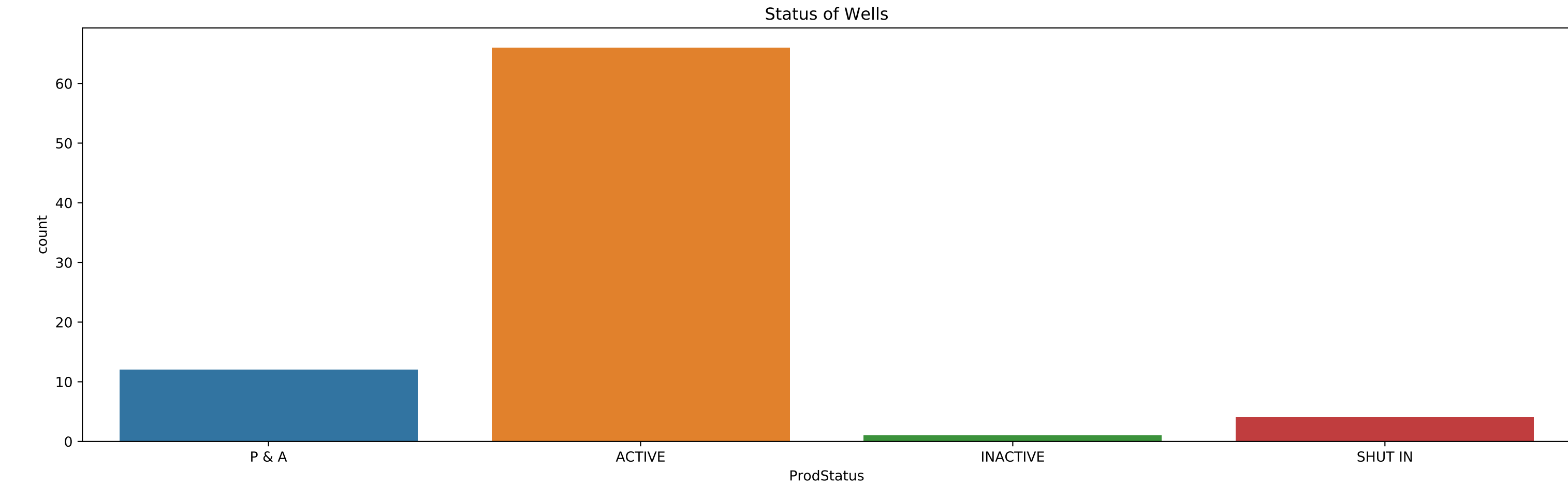
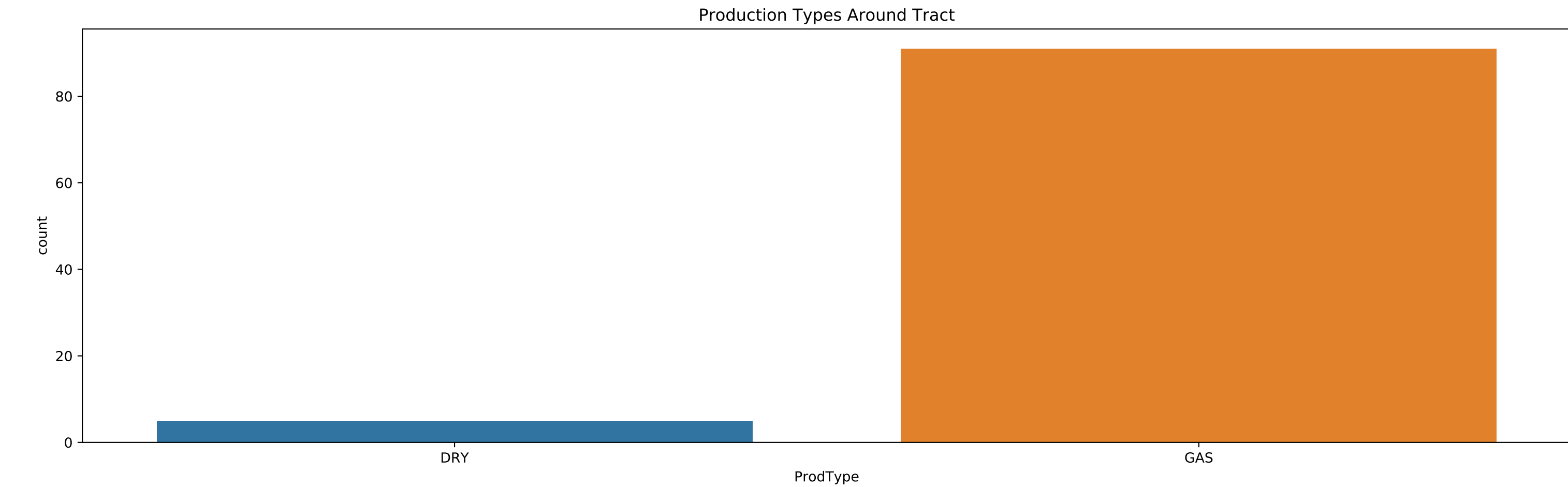
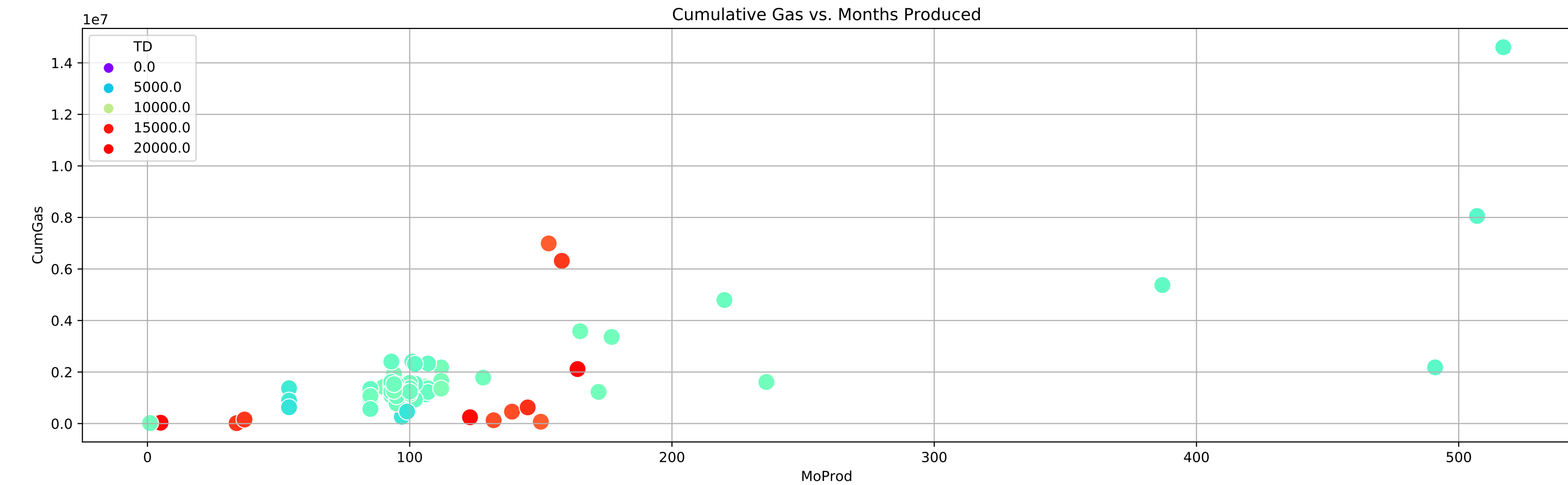
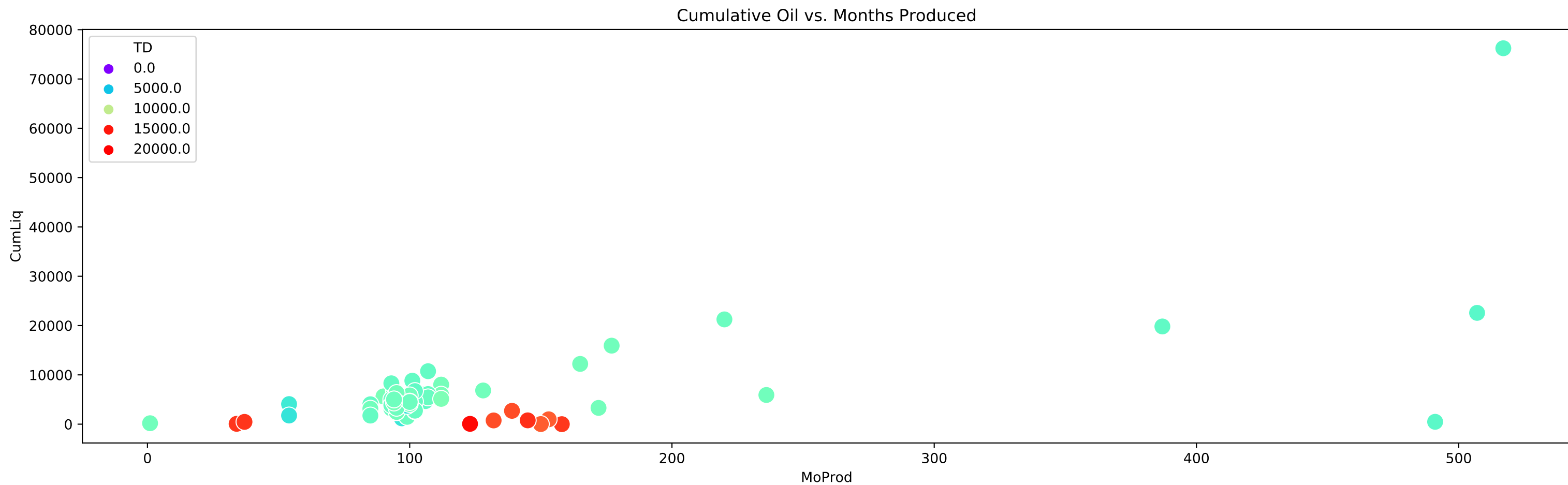
# Production Dashboard for tract 74



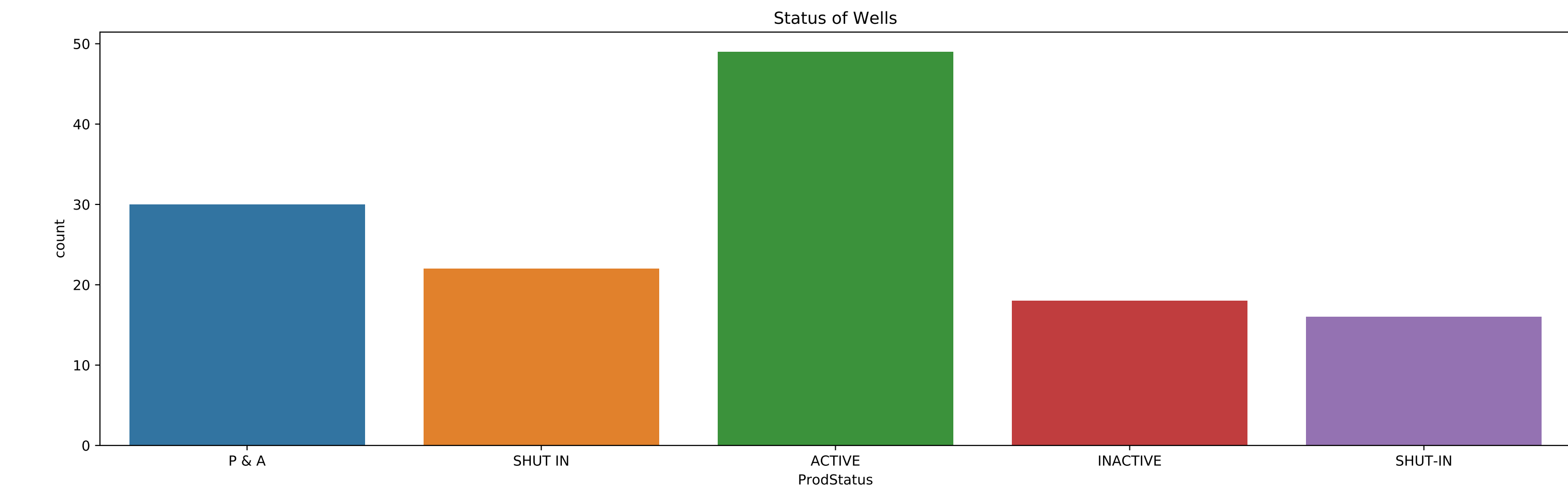
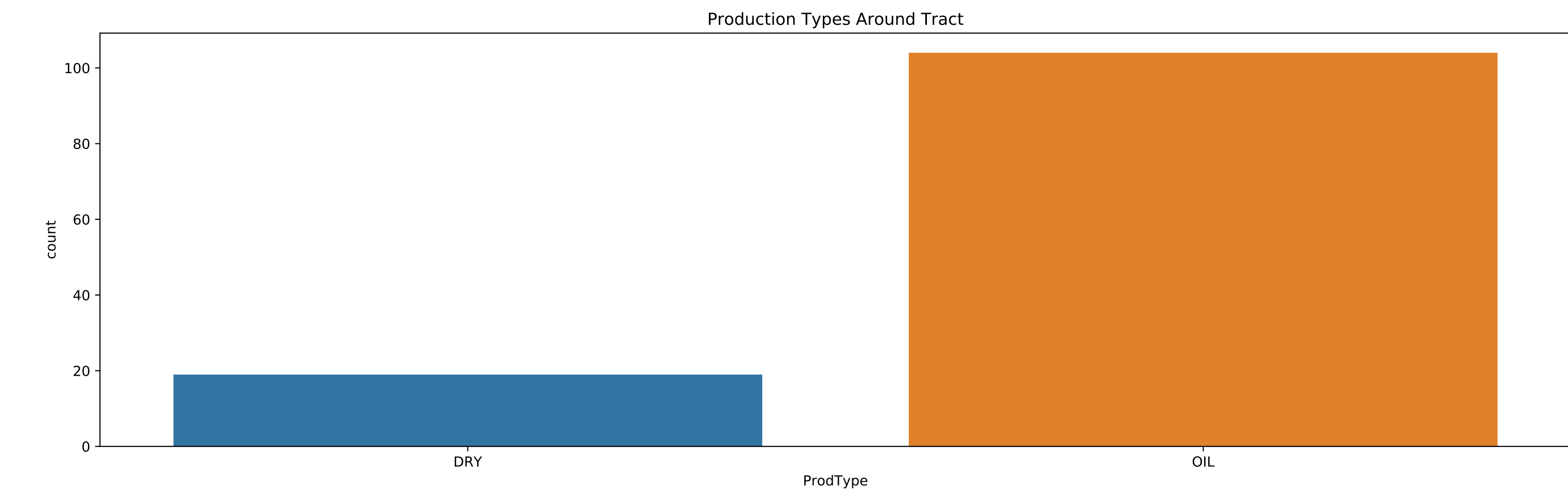
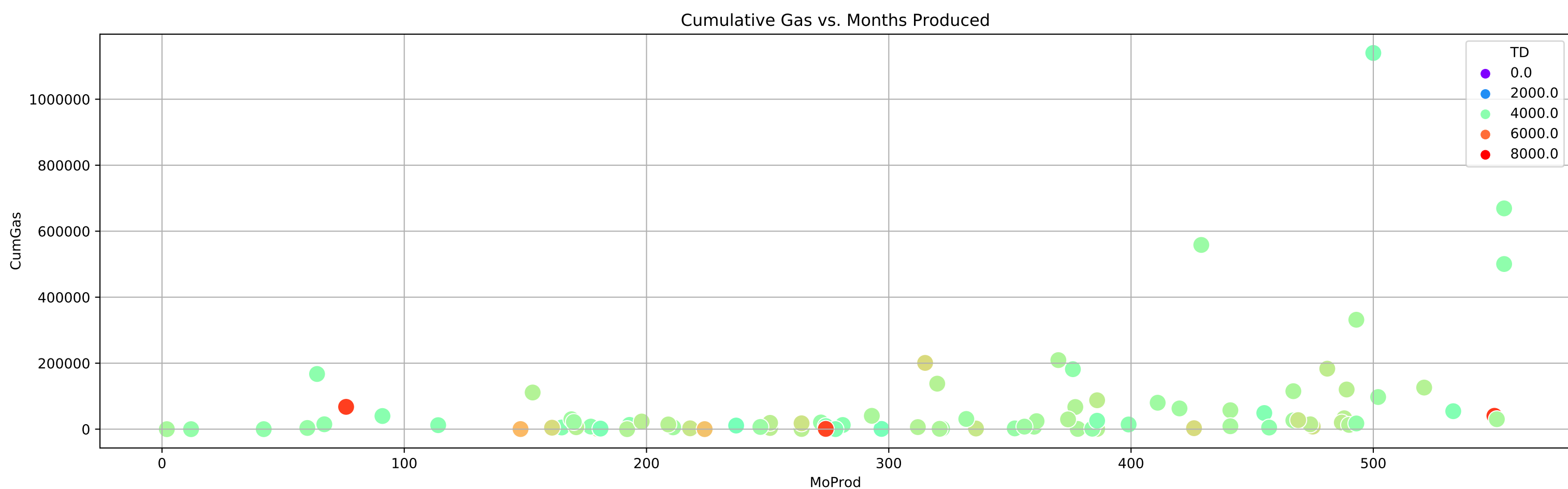
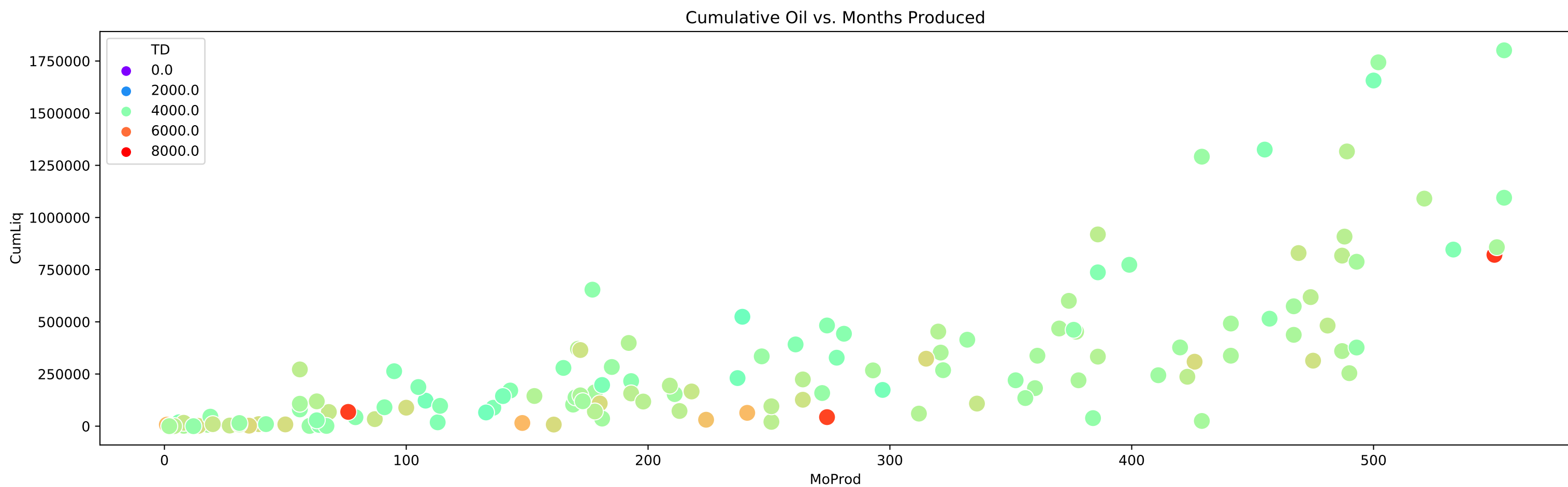
Lease Summary for tract 74  
Total Number of Leases: 4  
Average Price \$4/acre in 2018



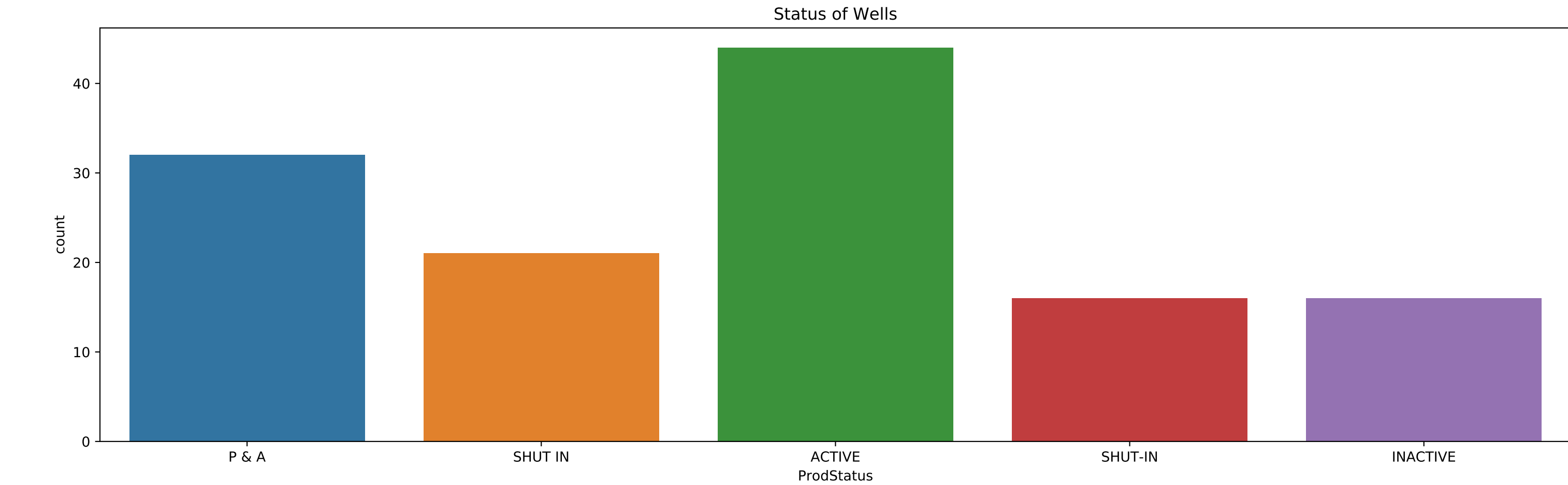
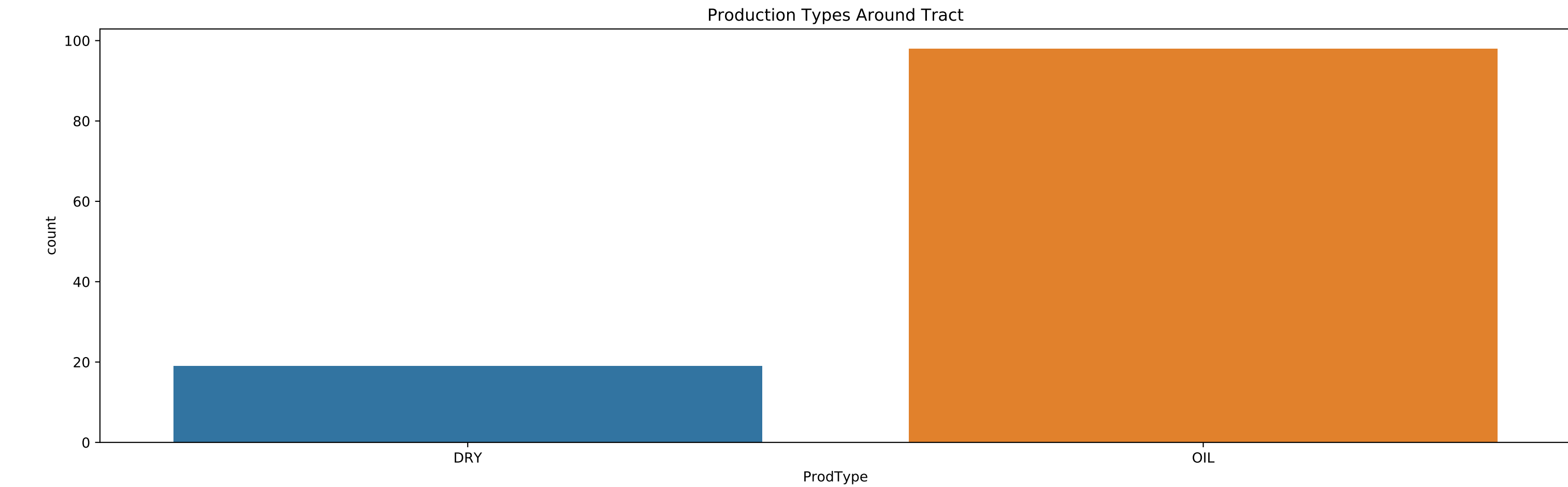
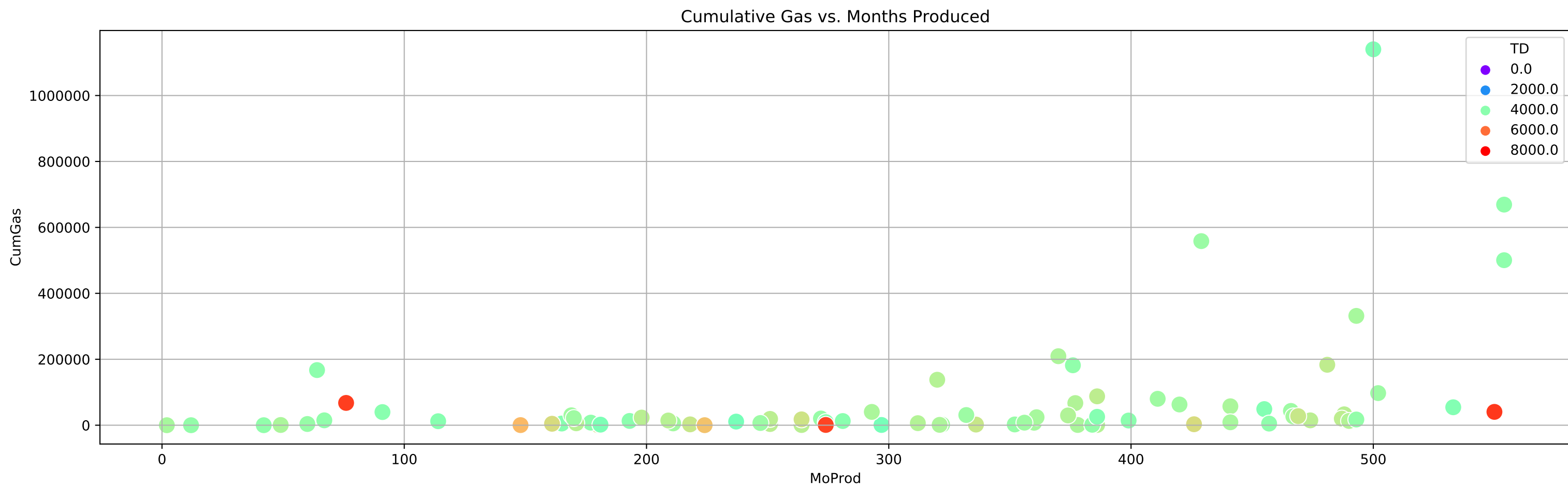
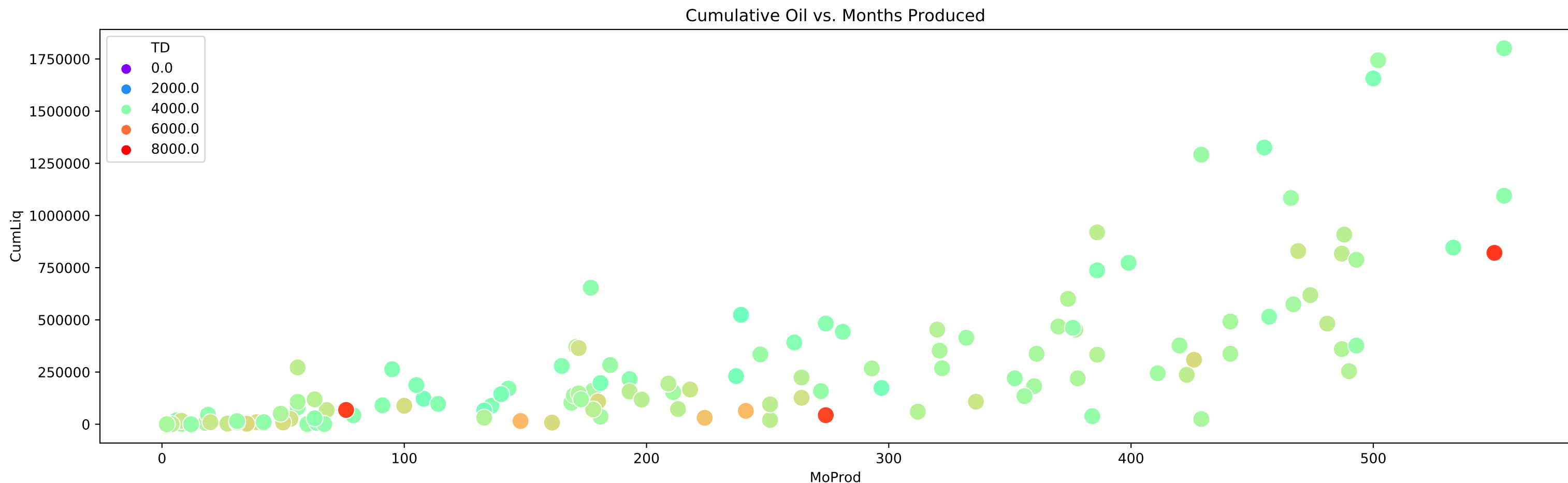
# Old Production Outside of Tract 74 - 3 Mi Radius



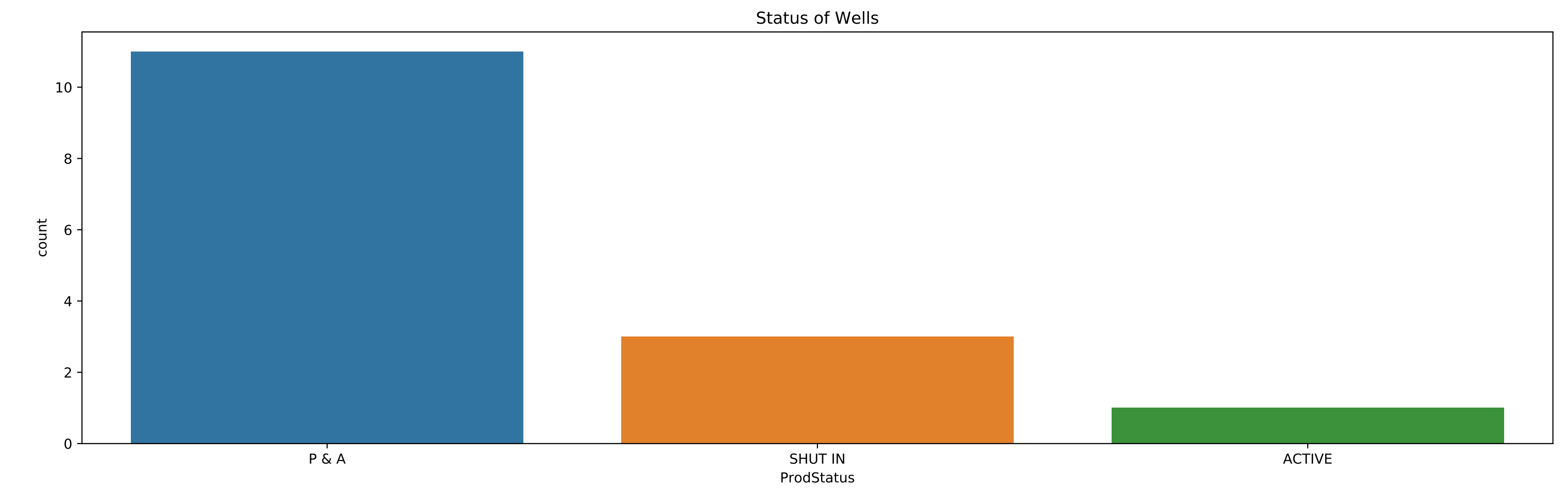
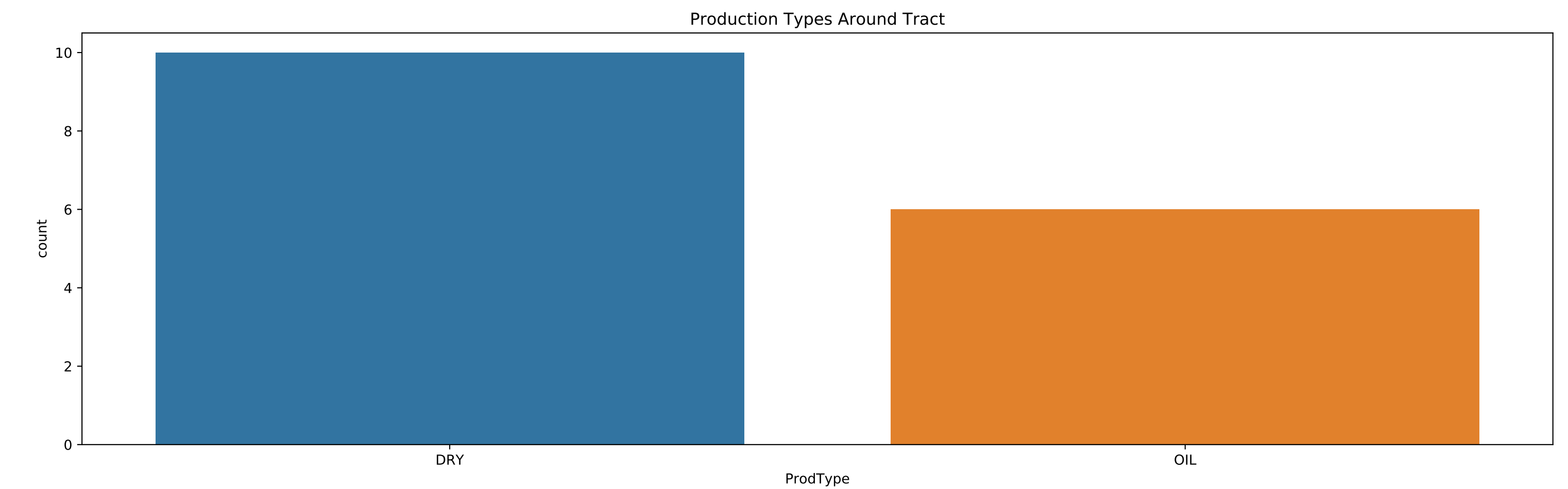
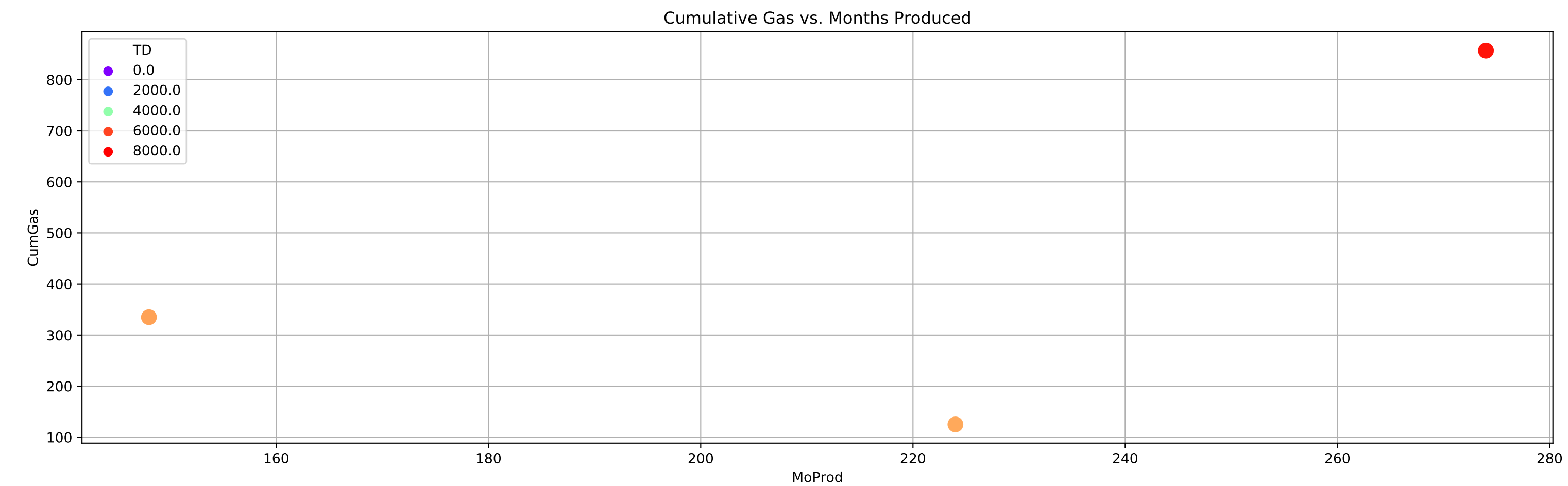
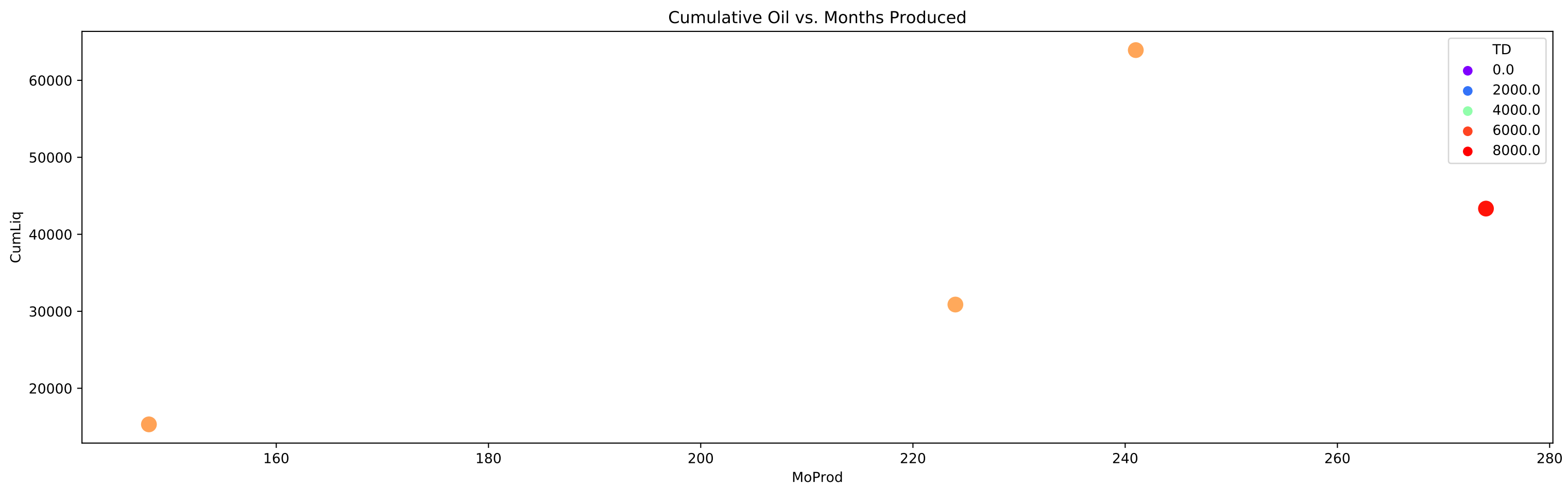
# Old Production Outside of Tract 75 - 3 Mi Radius



# Old Production Outside of Tract 76 - 3 Mi Radius

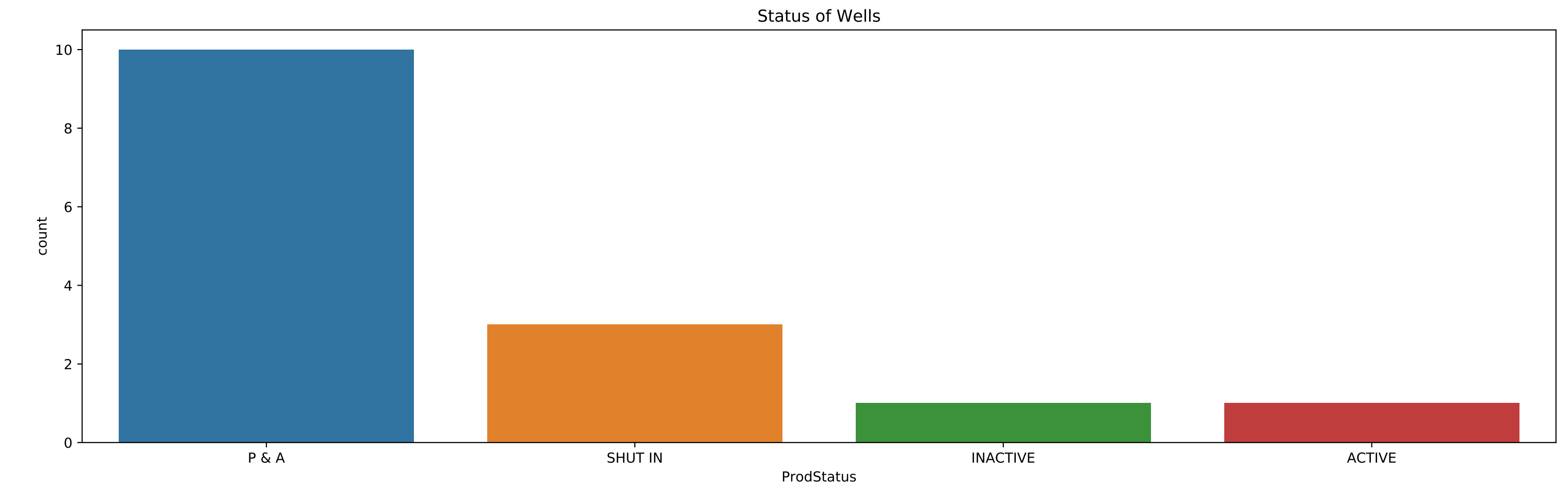
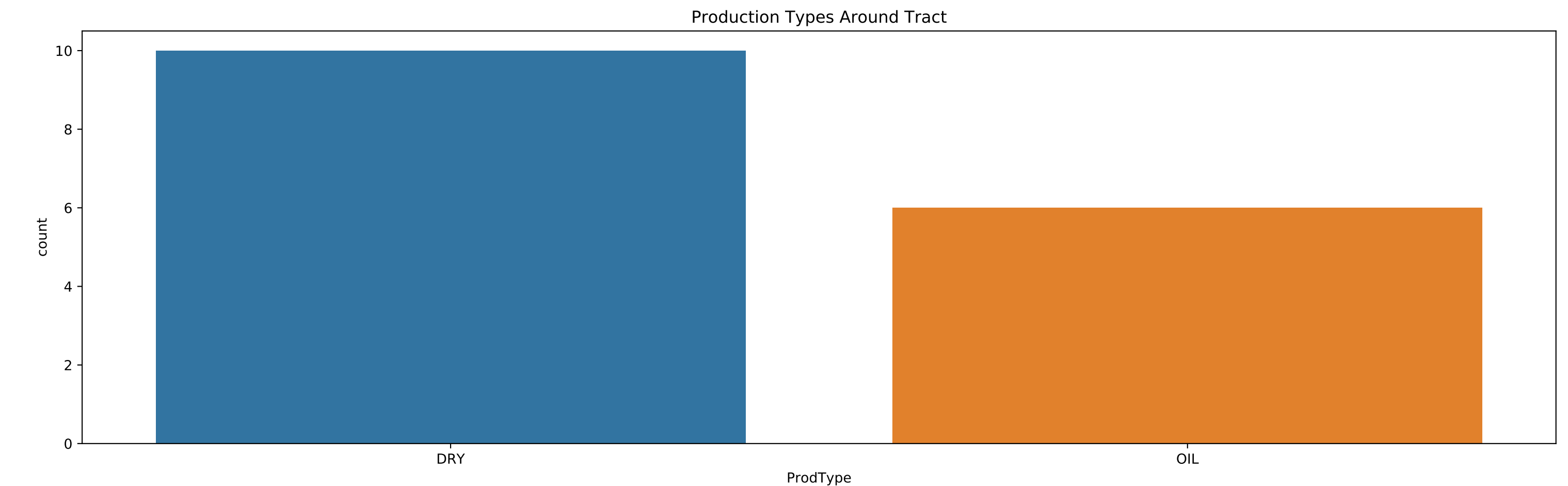
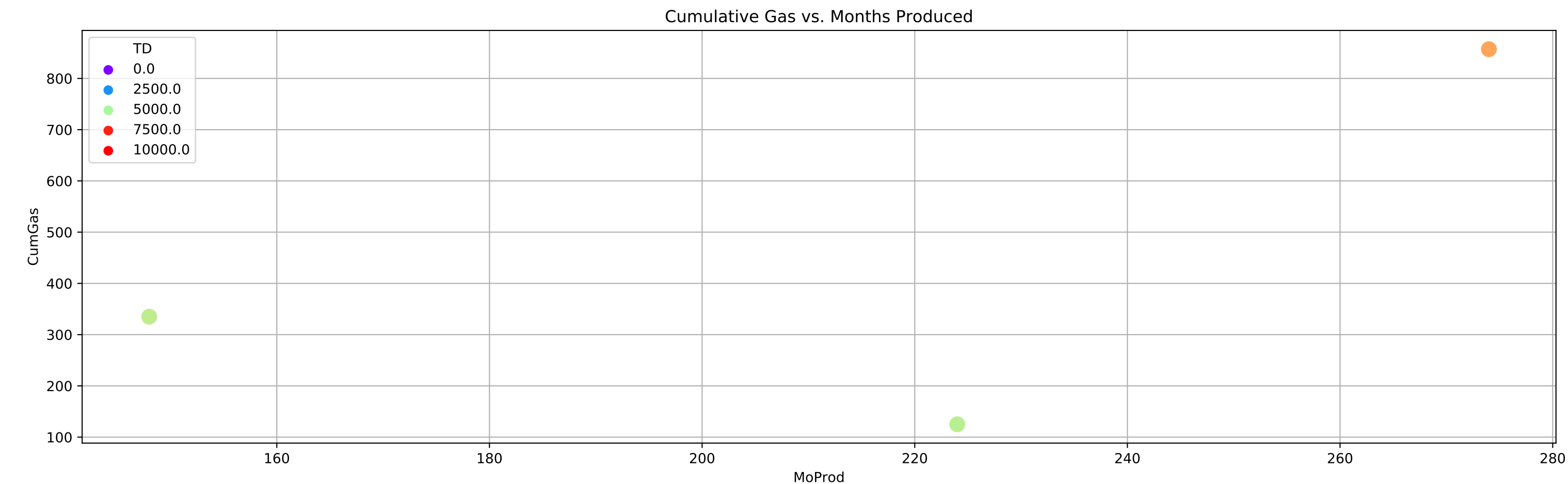
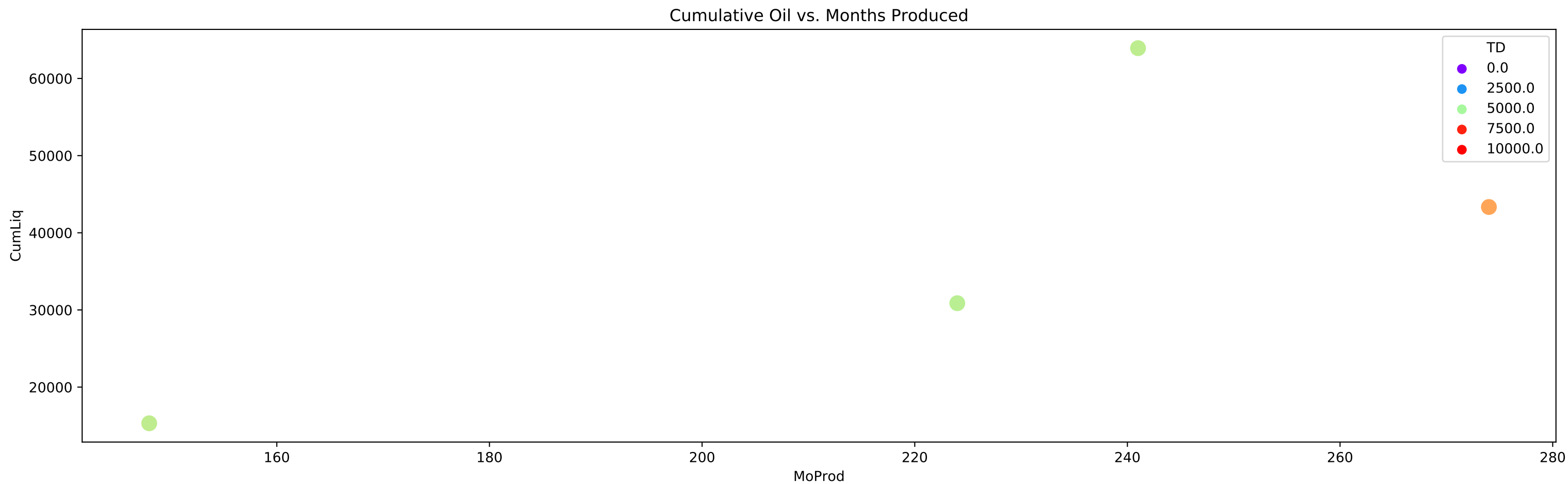


# Old Production Outside of Tract 77 - 3 Mi Radius

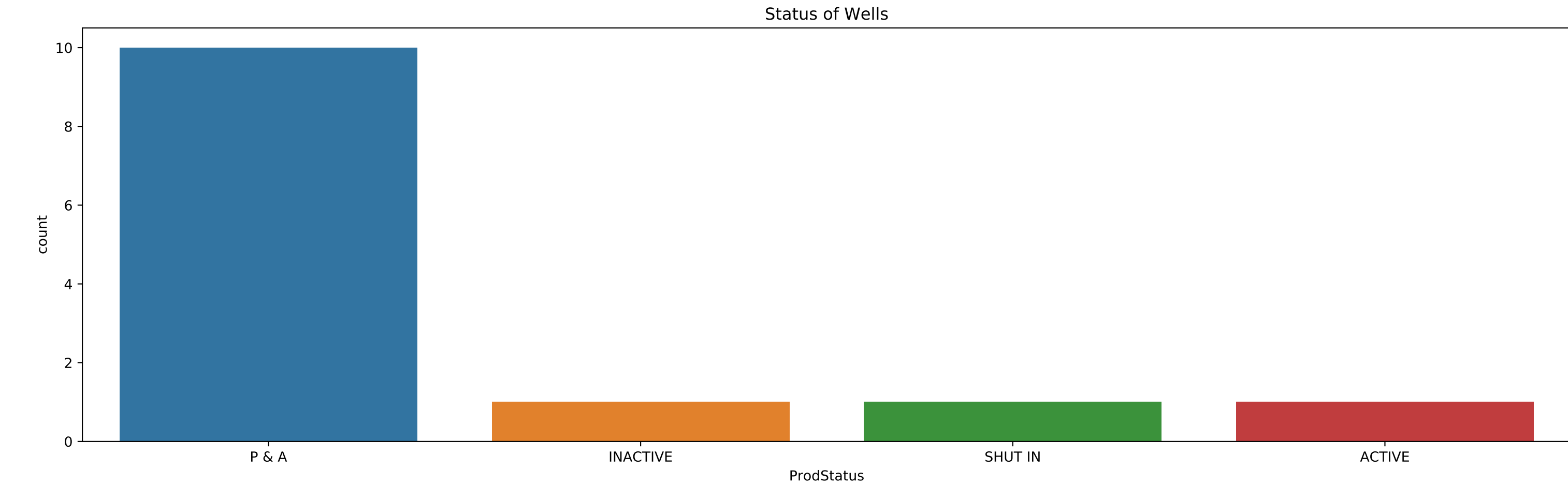
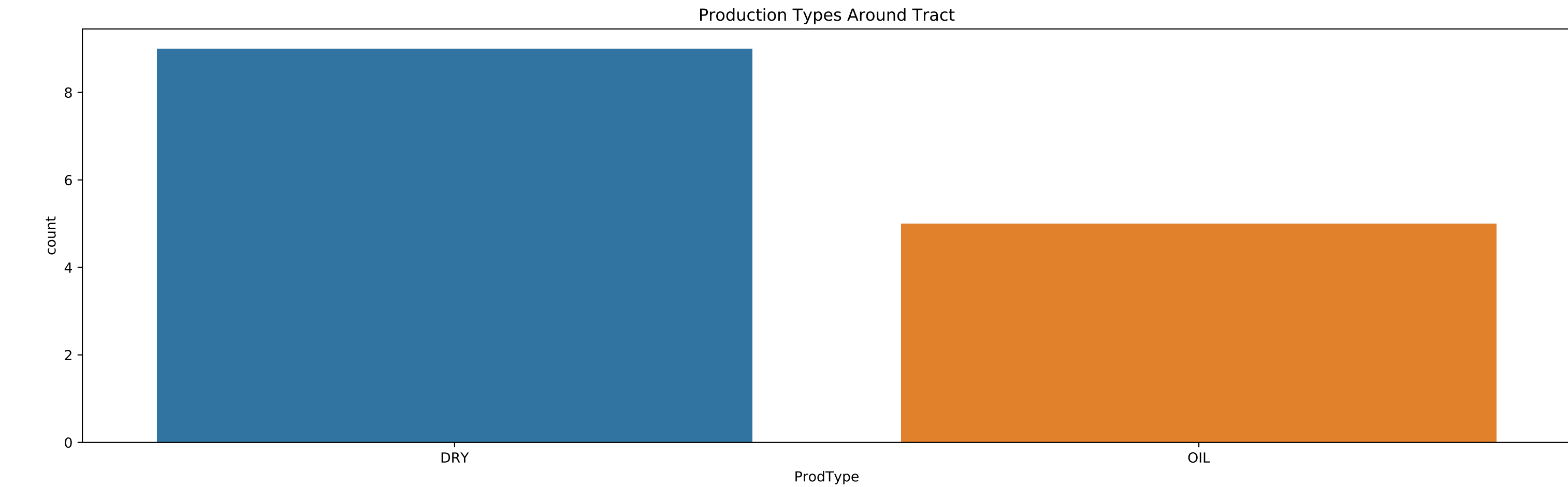
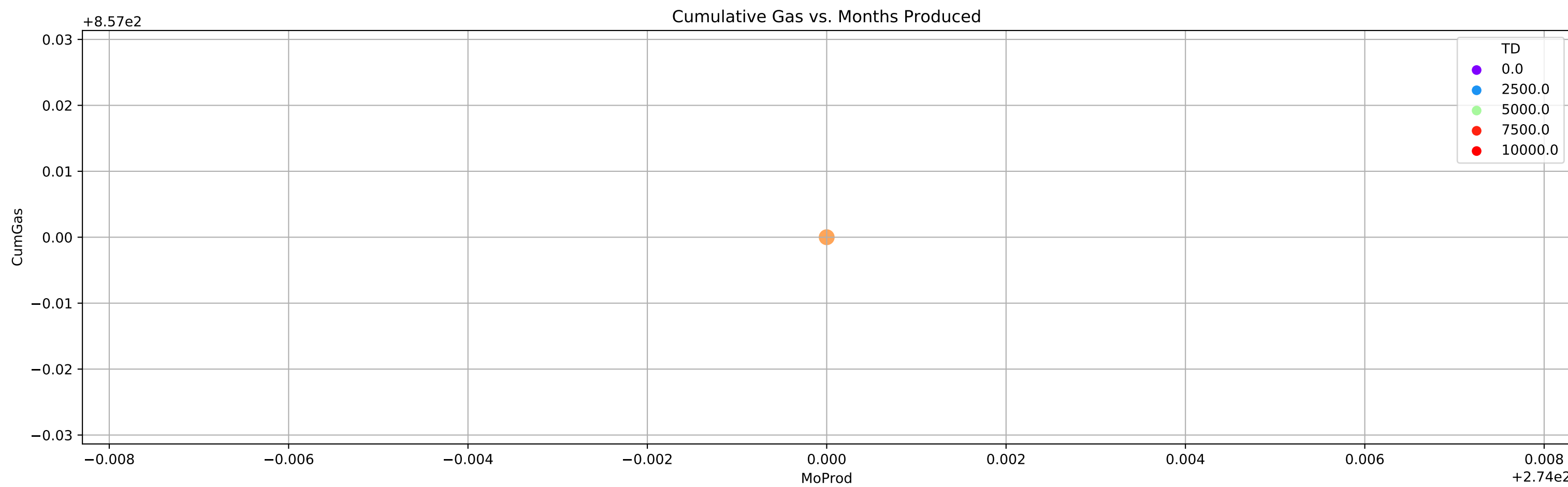
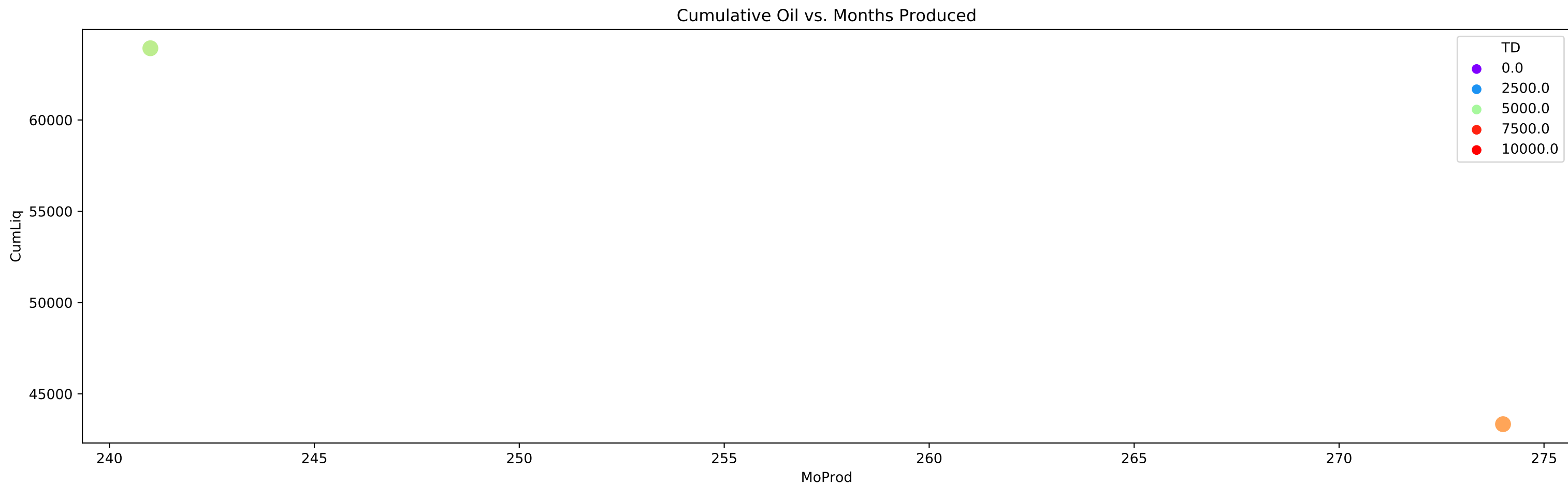




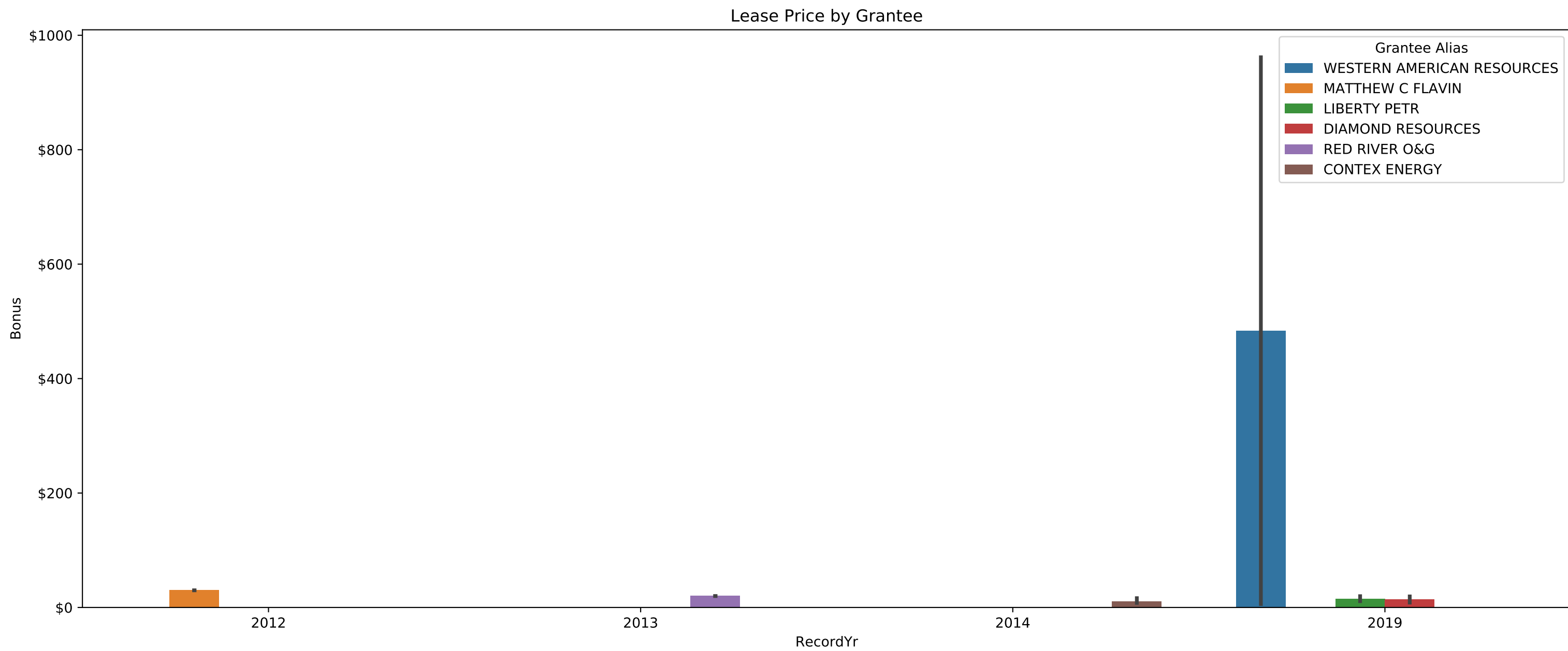
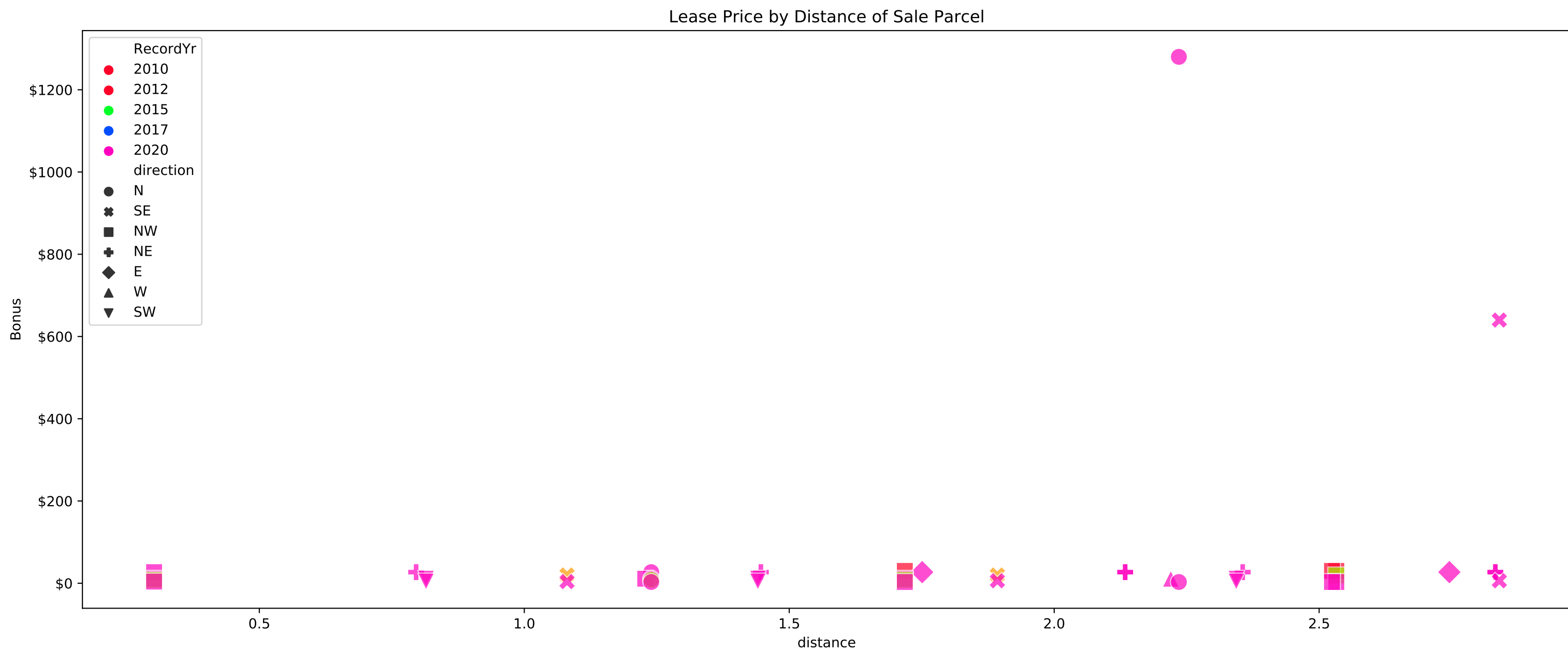
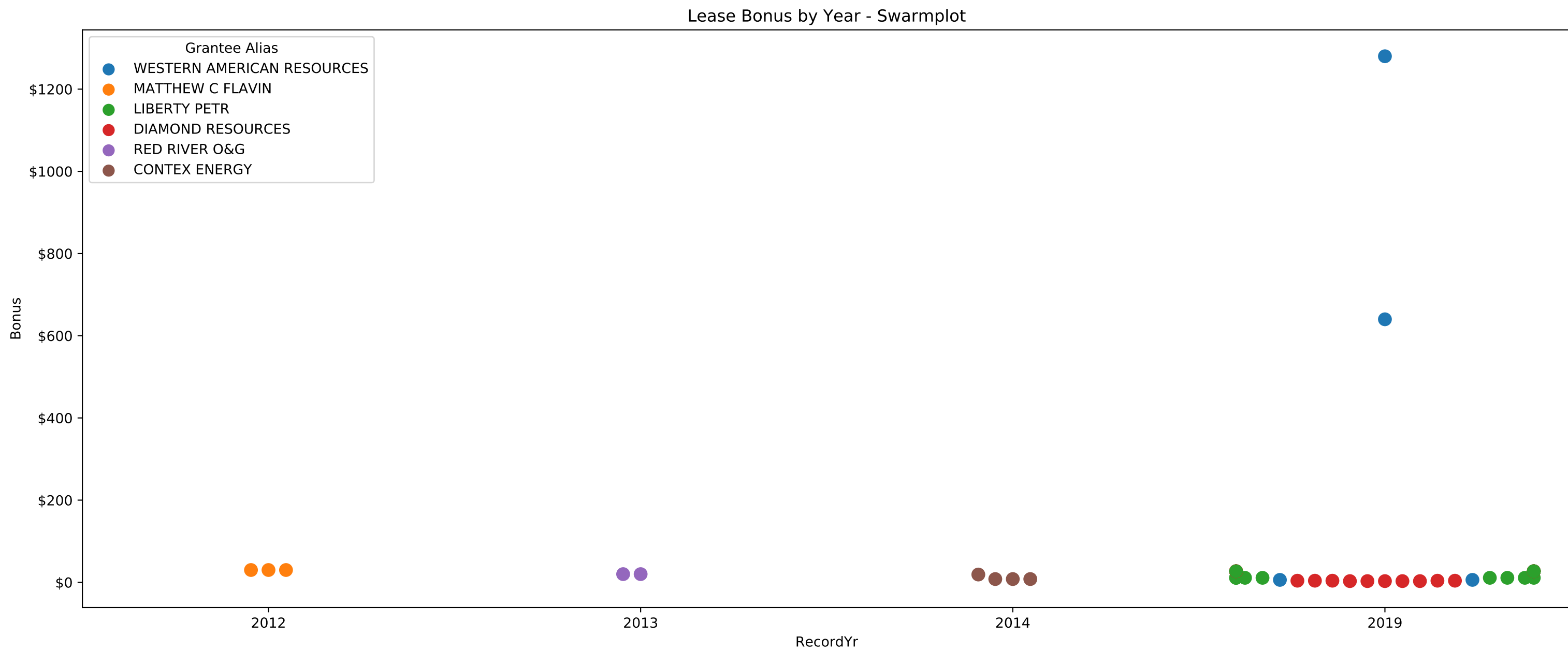
Old Production Outside of Tract 114 - 3 Mi Radius



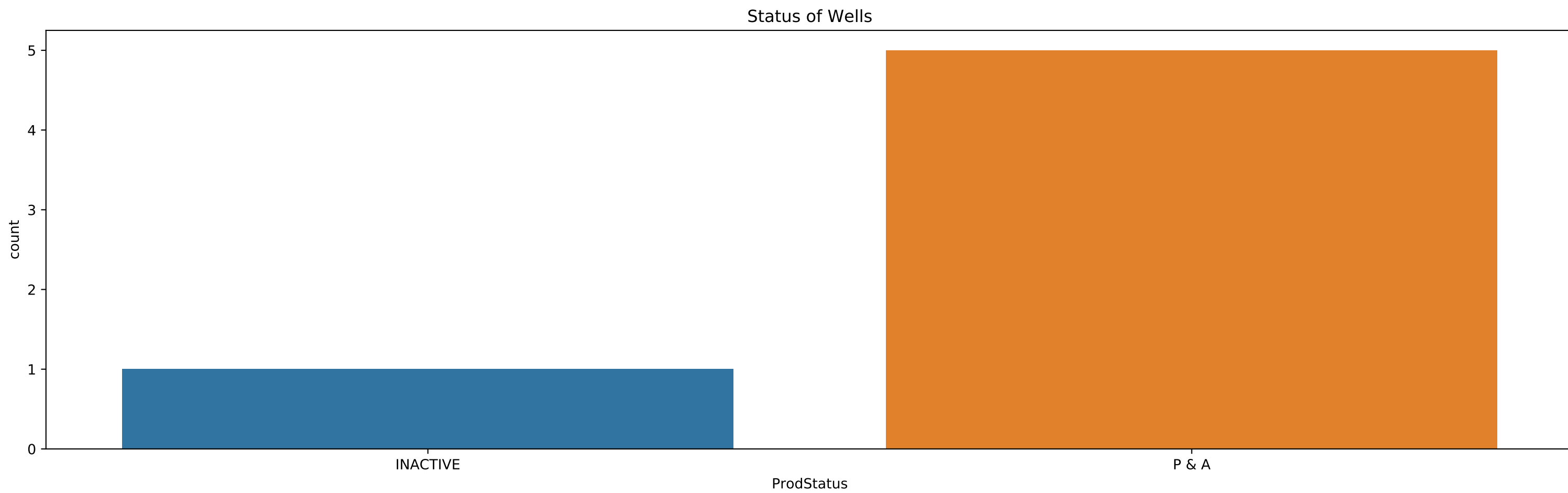
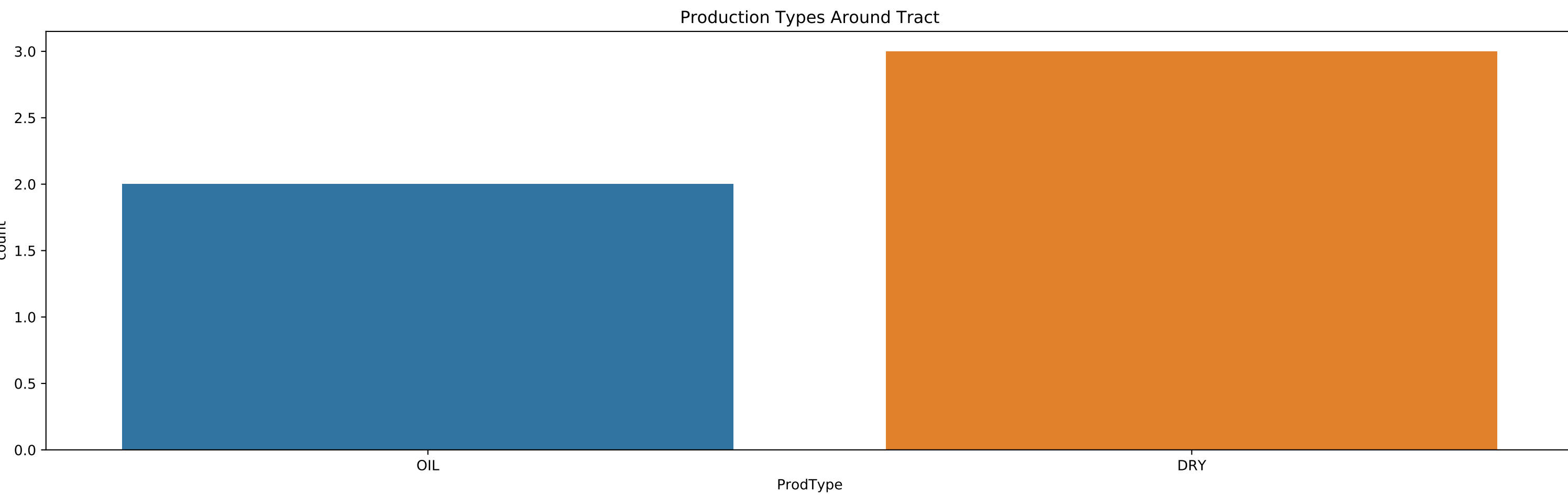
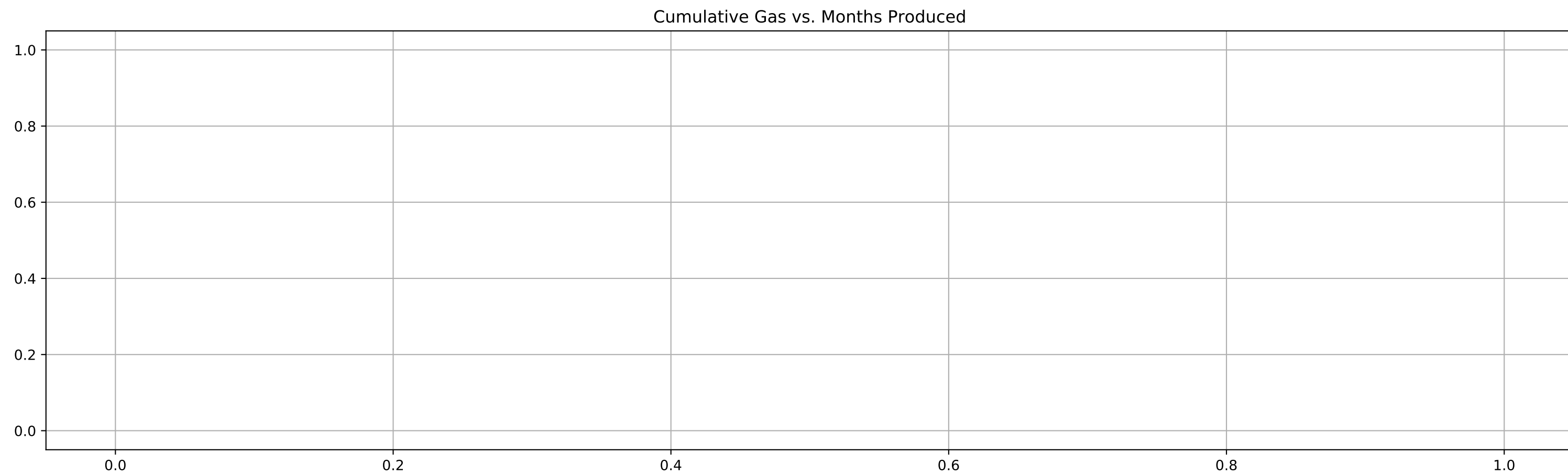
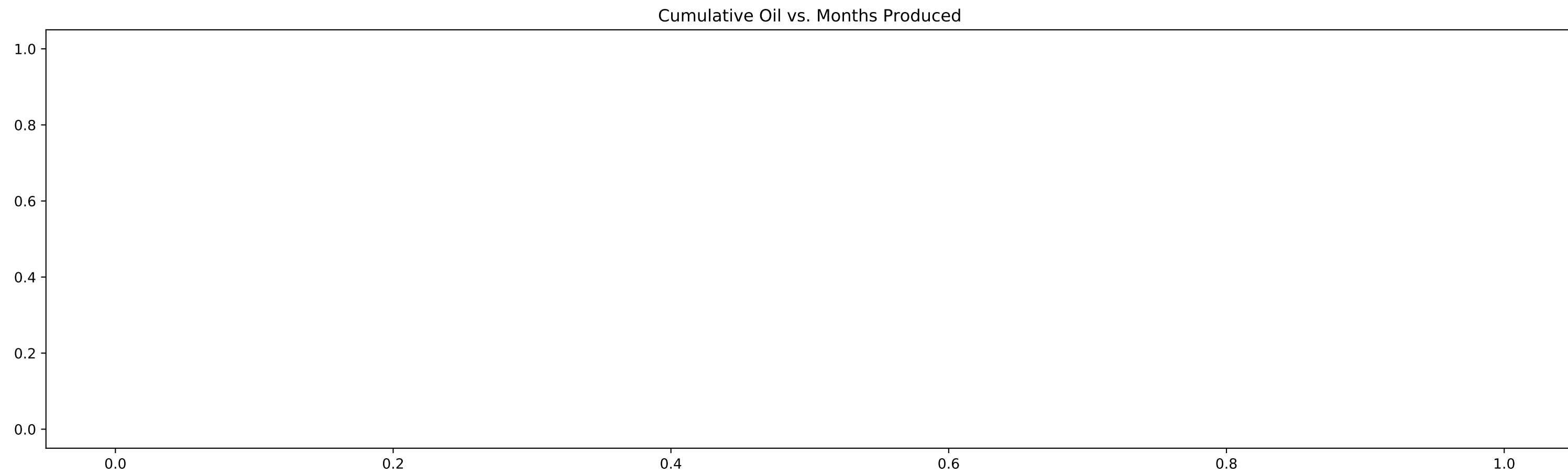
# Old Production Outside of Tract 78 - 3 Mi Radius



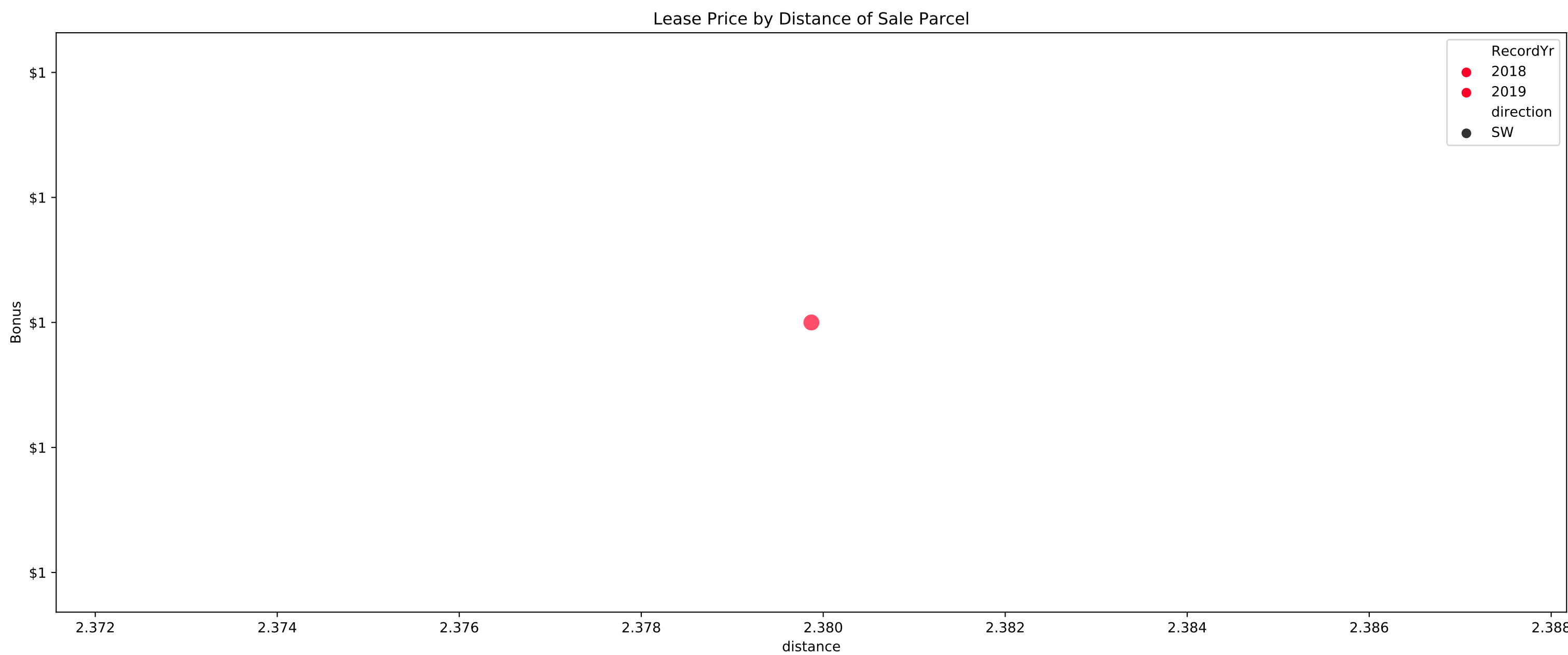
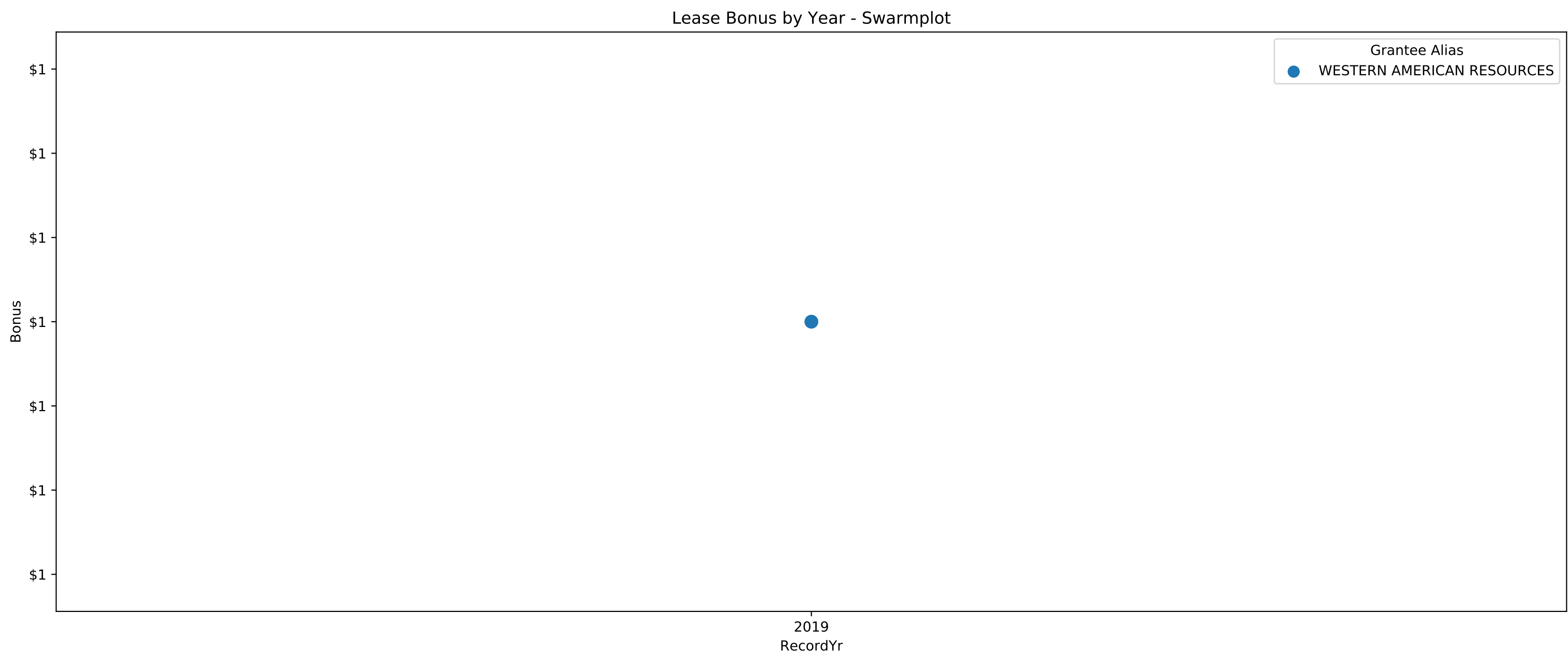
Lease Summary for tract 79  
Total Number of Leases: 42  
Average Price \$71/acre in 2019



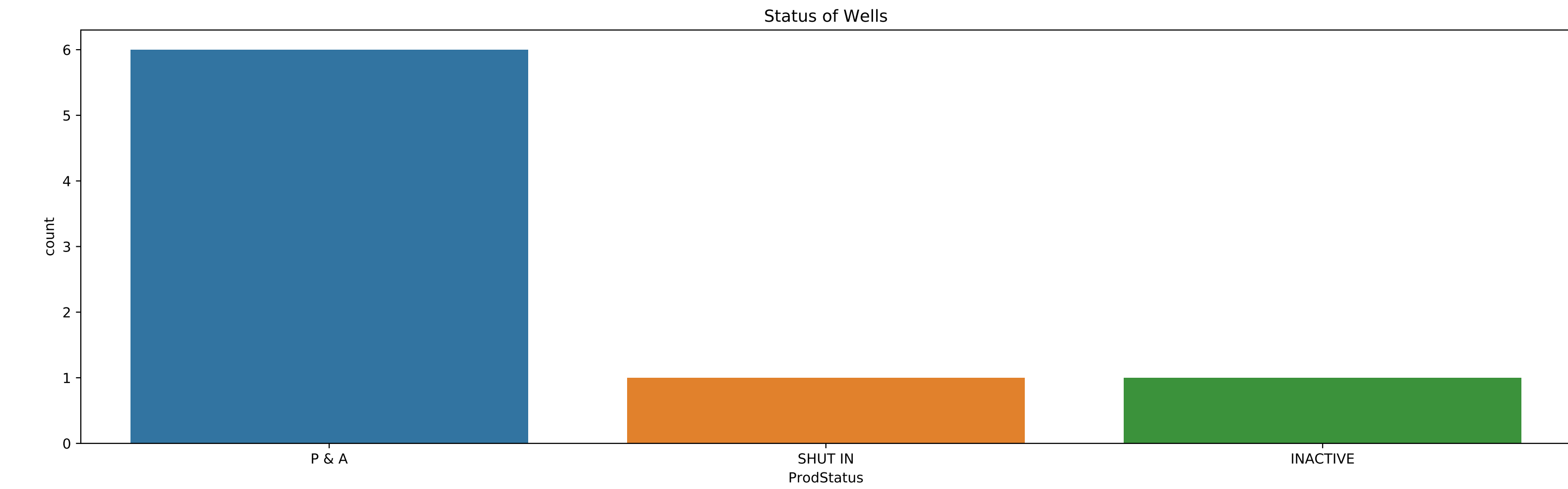
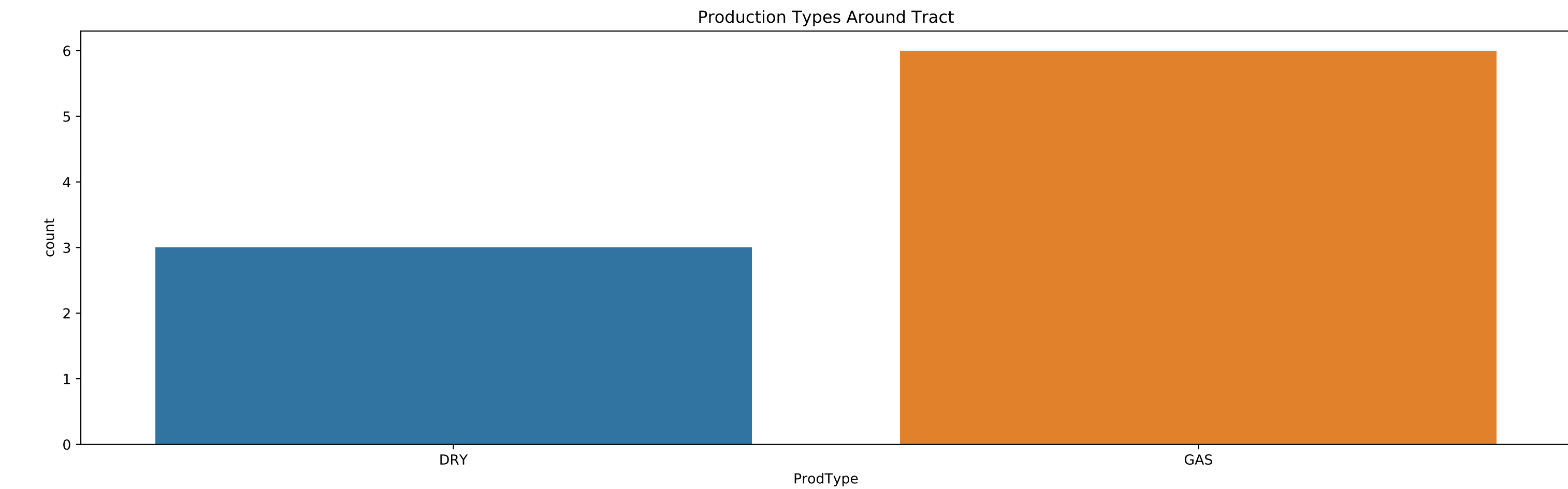
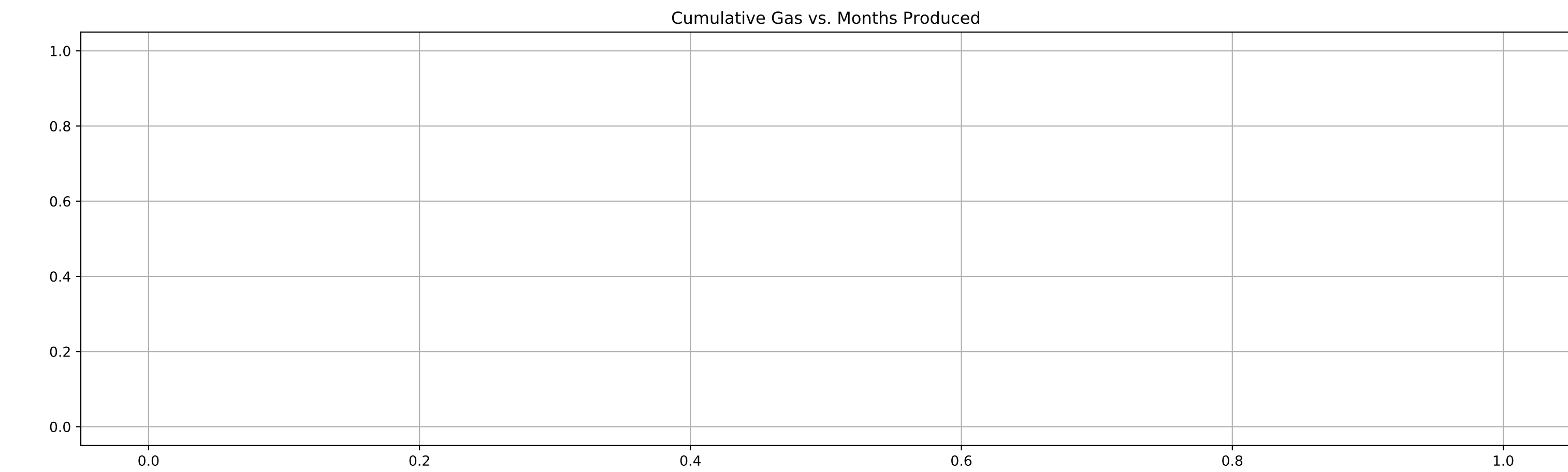
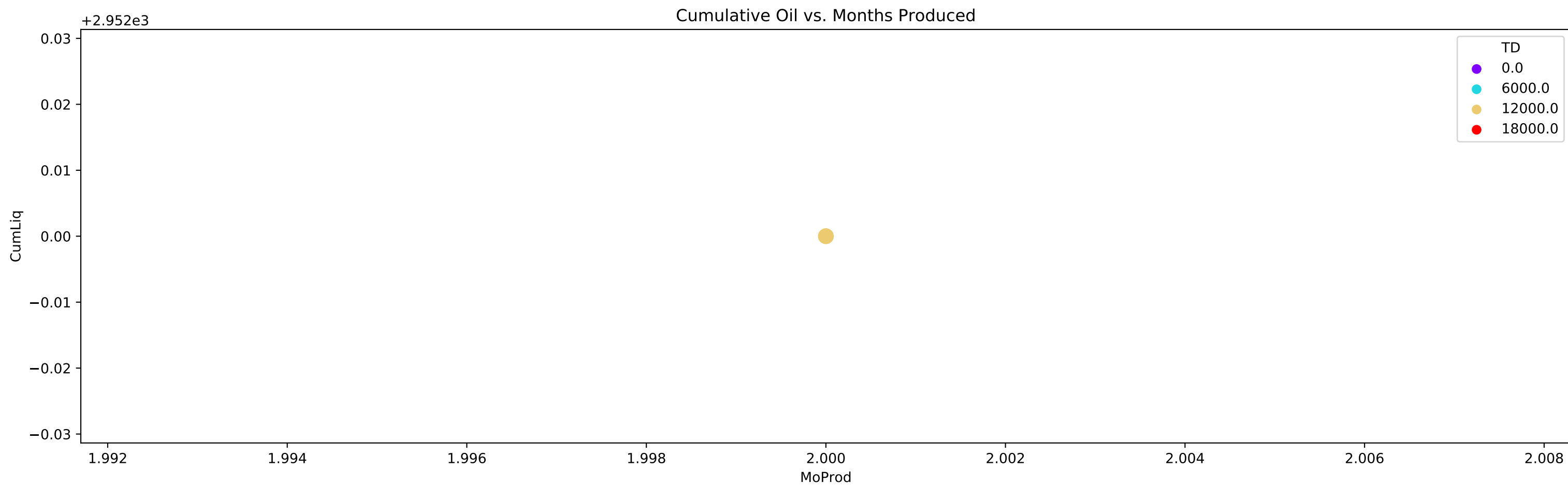
# Old Production Outside of Tract 79 - 3 Mi Radius



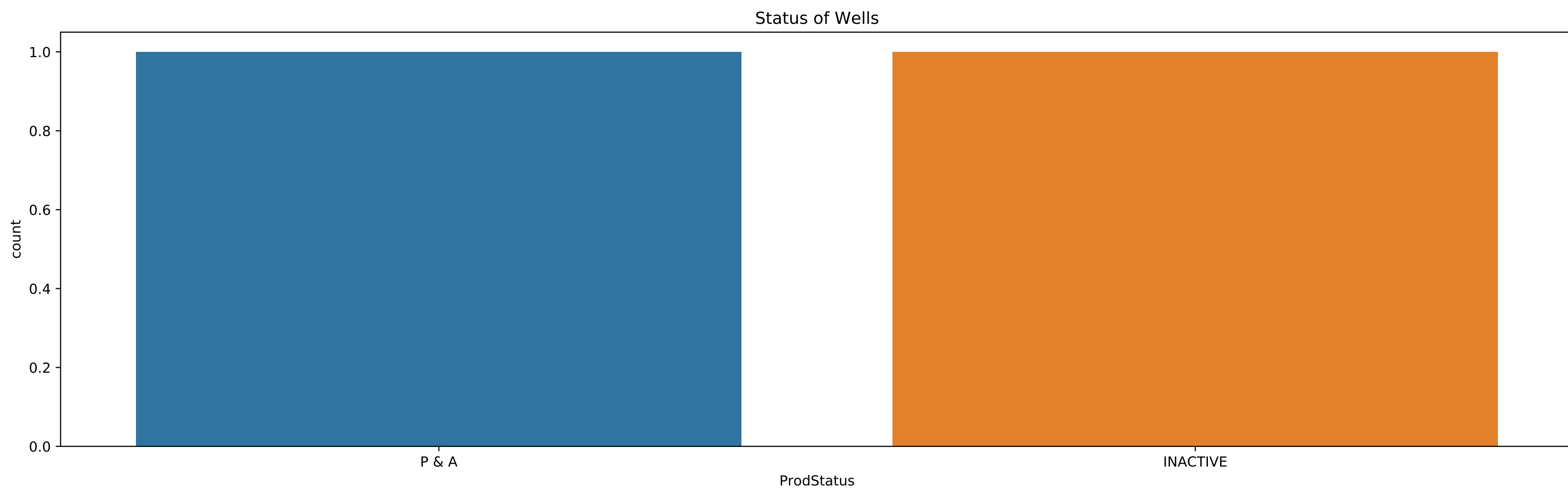
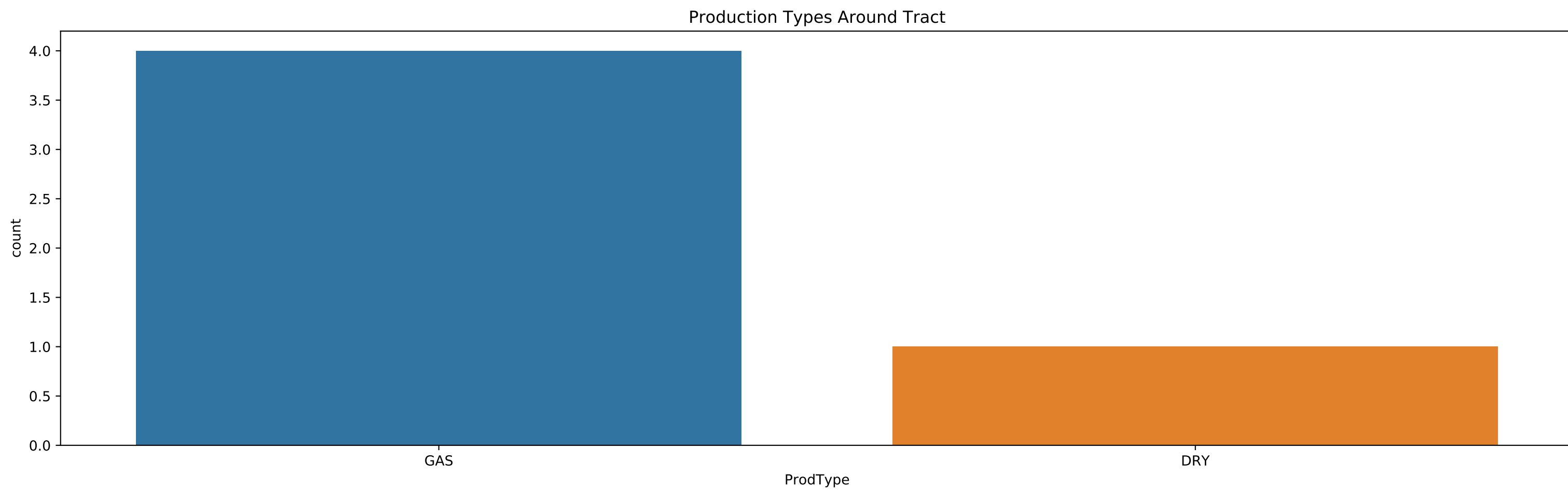
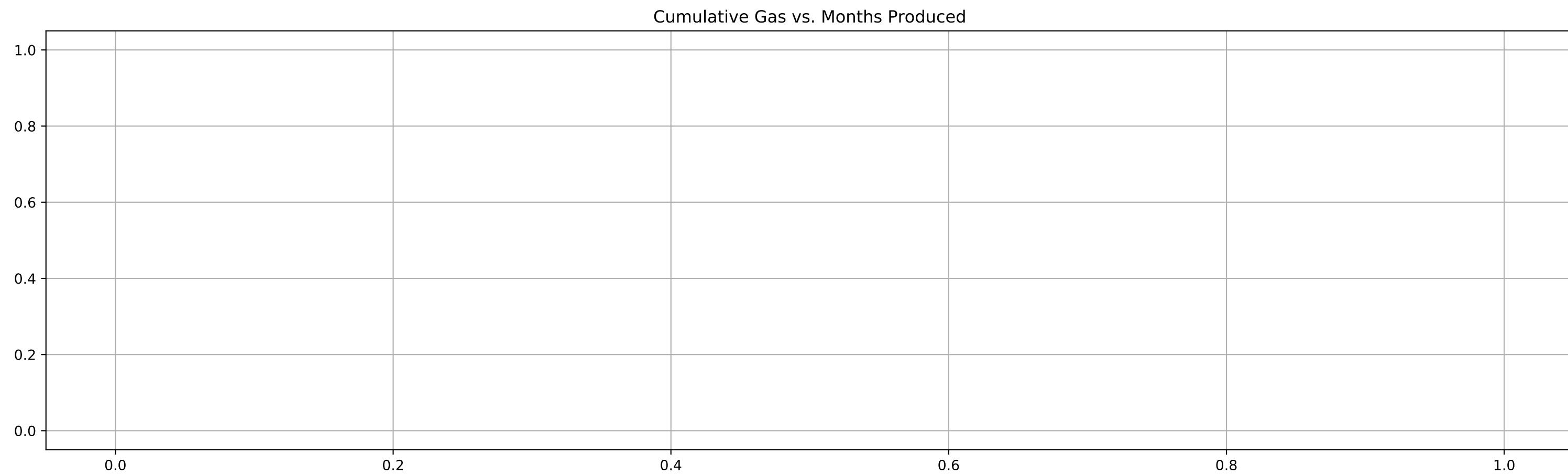
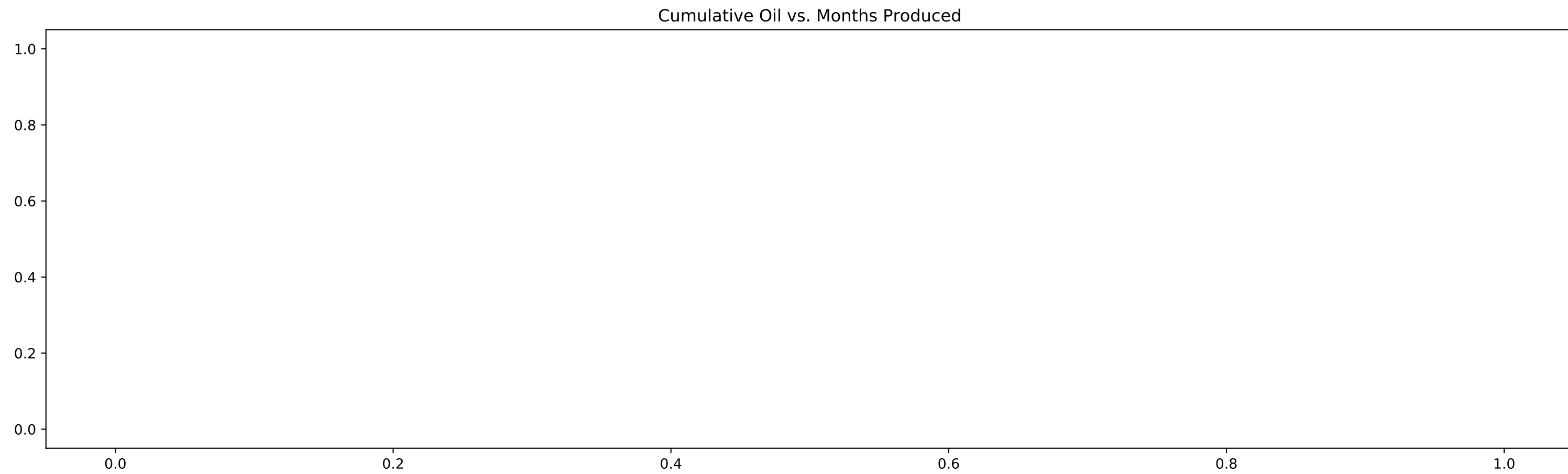
Lease Summary for tract 81  
Total Number of Leases: 1  
Average Price \$1/acre in 2019



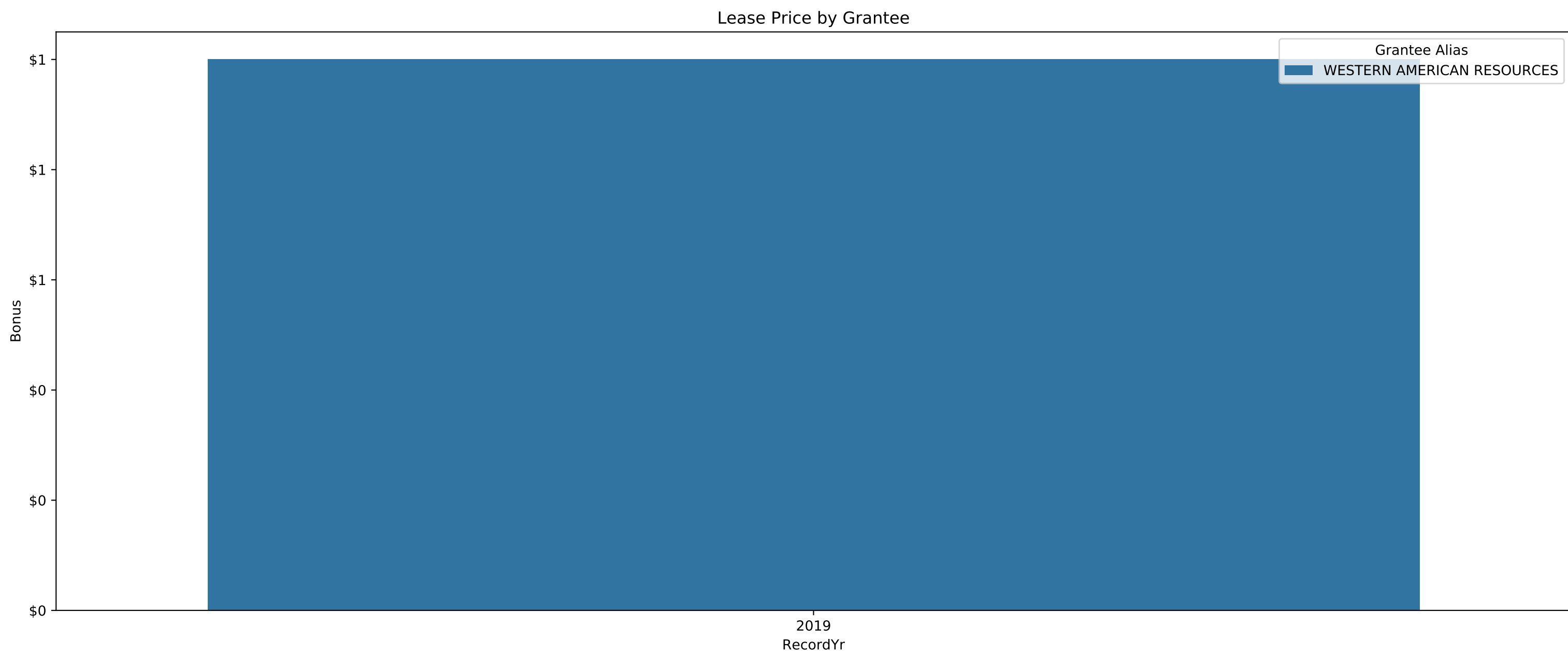
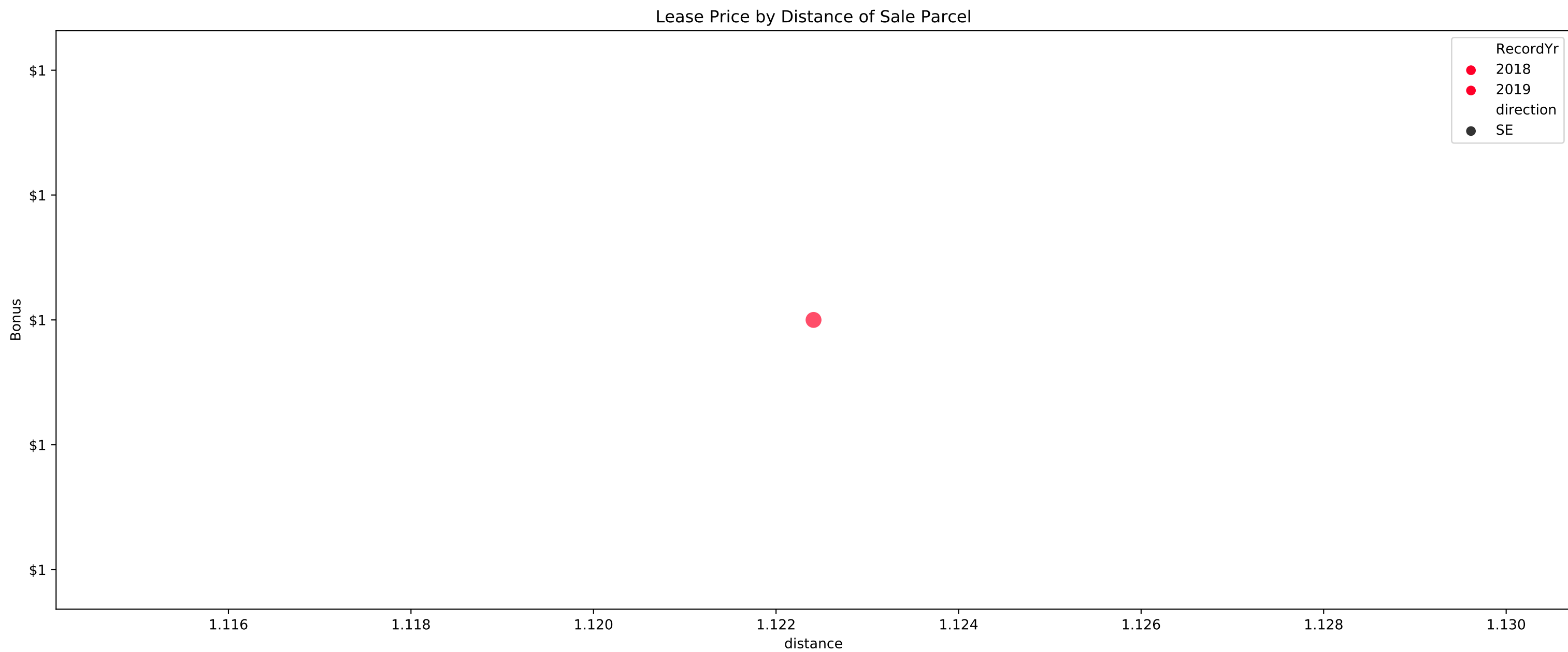
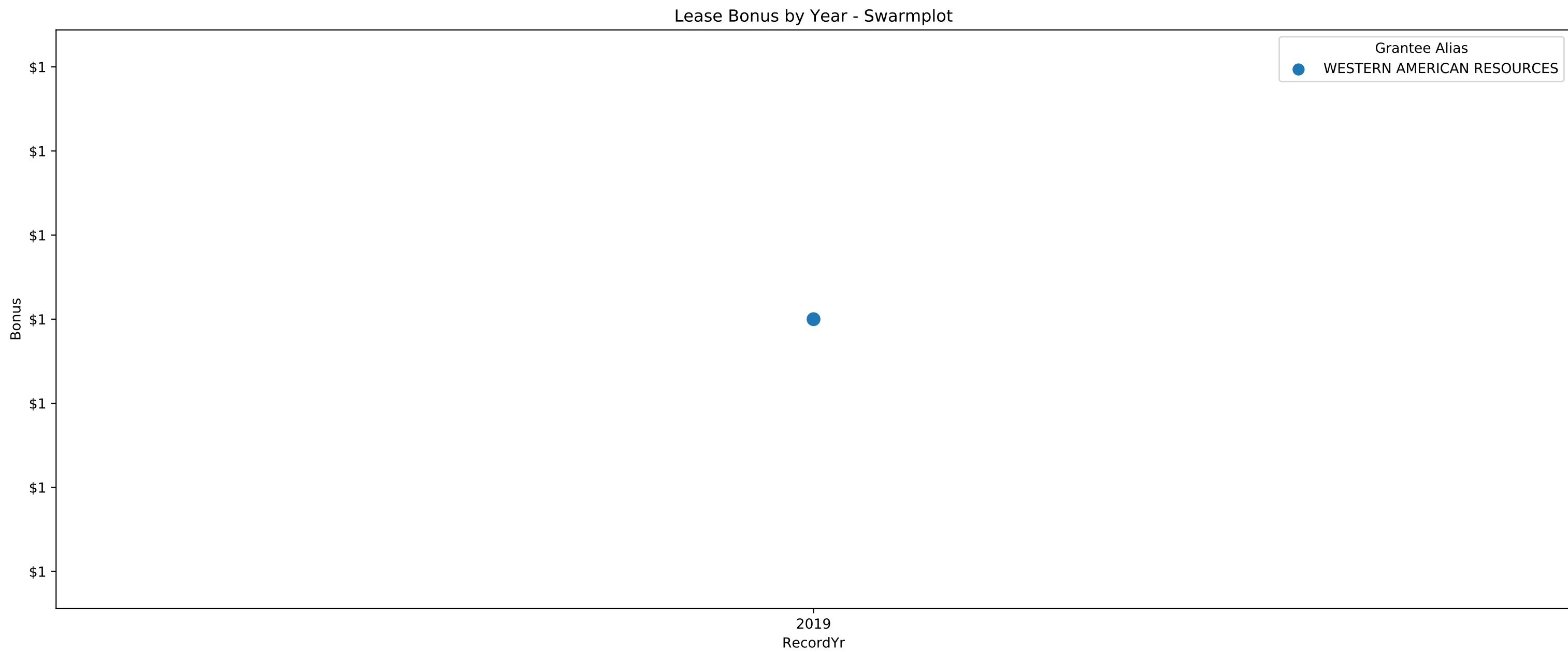
# Old Production Outside of Tract 81 - 3 Mi Radius



# Old Production Outside of Tract 80 - 3 Mi Radius

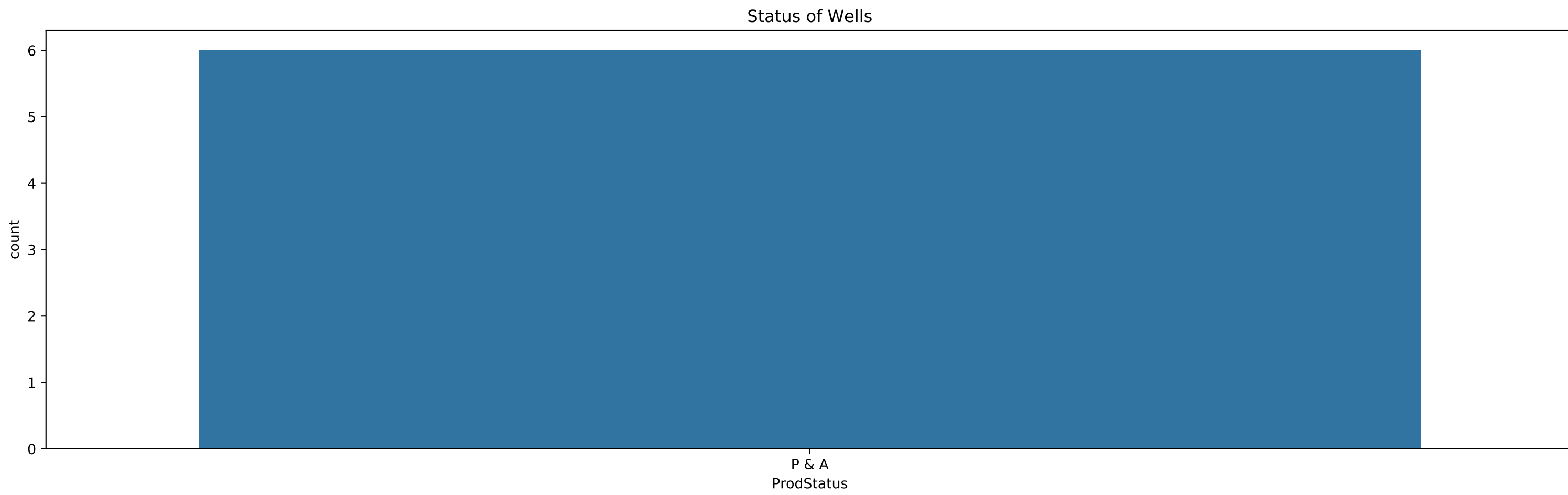
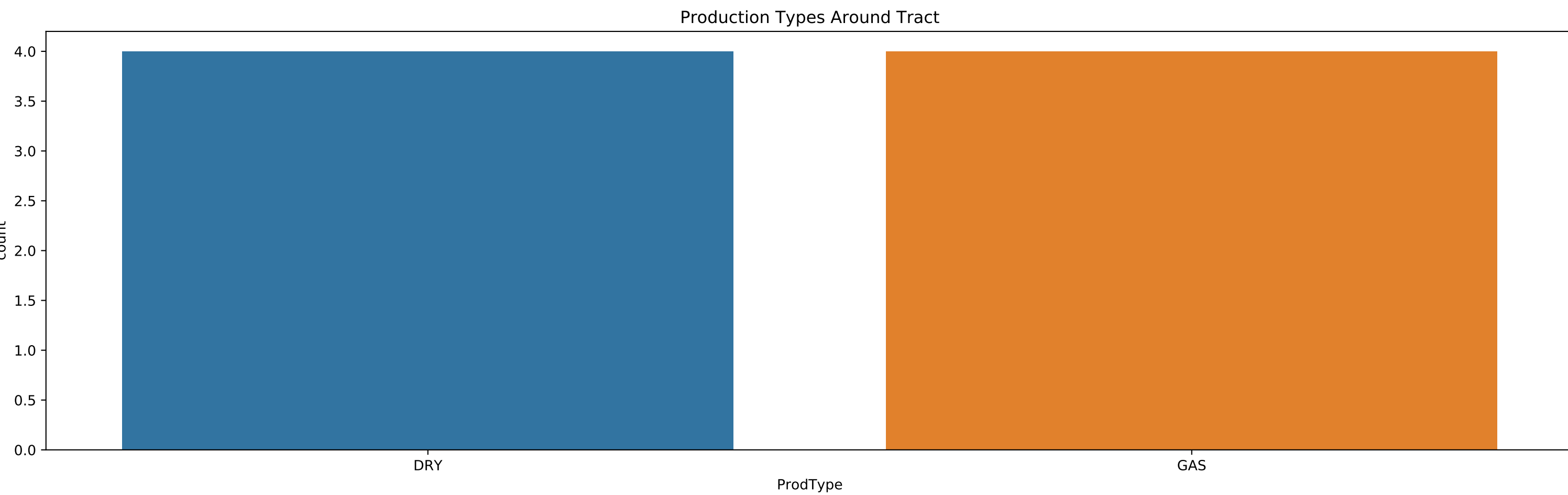
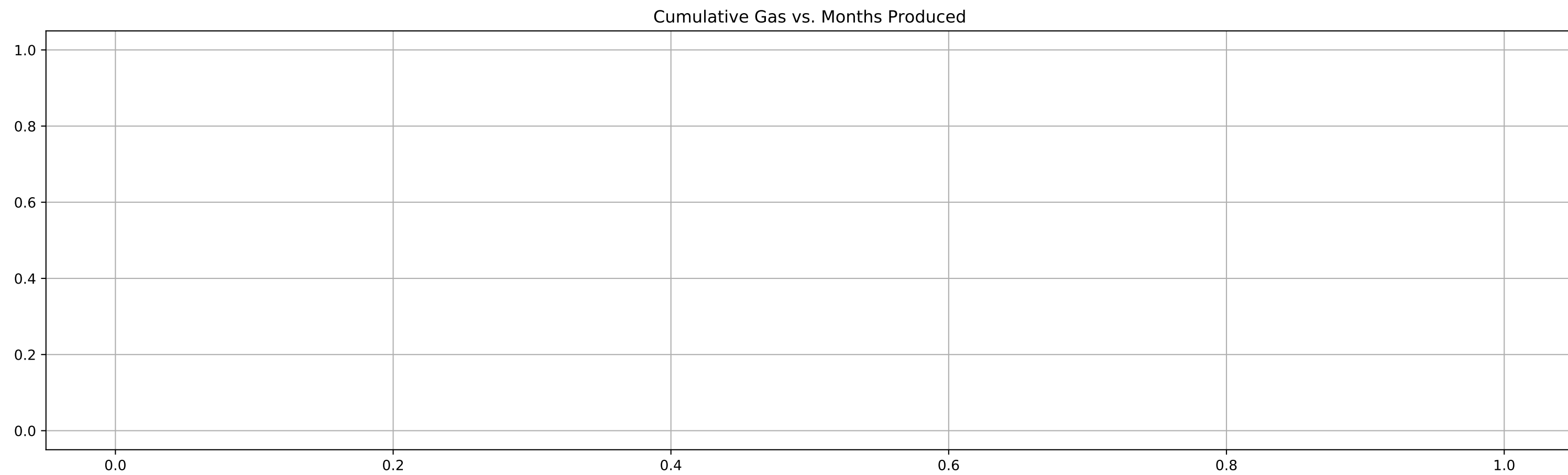
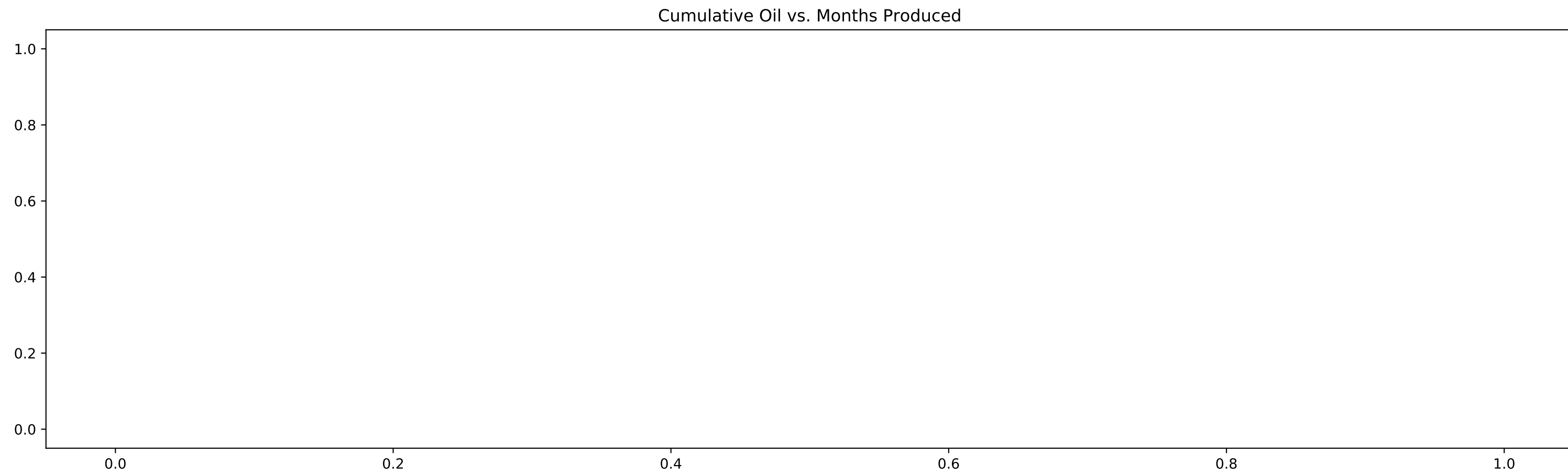


Lease Summary for tract 85  
Total Number of Leases: 1  
Average Price \$1/acre in 2019

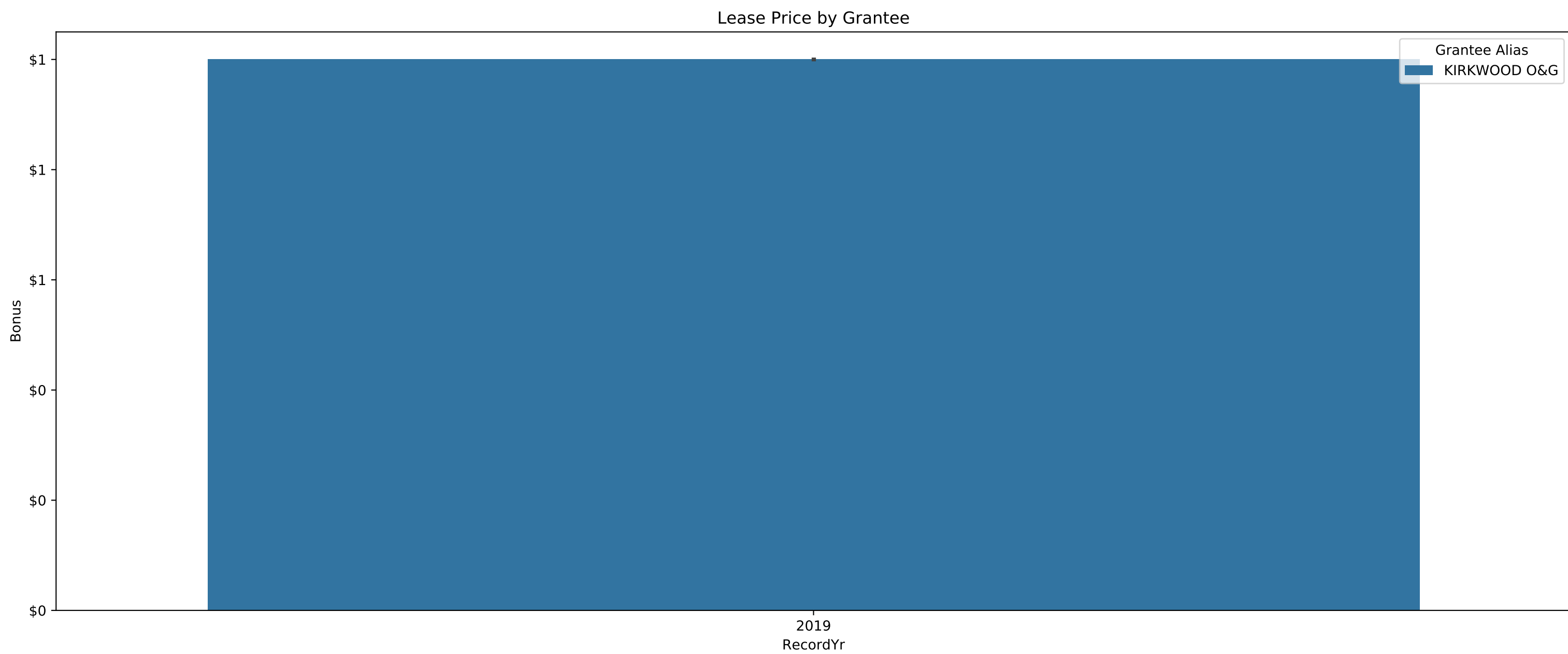
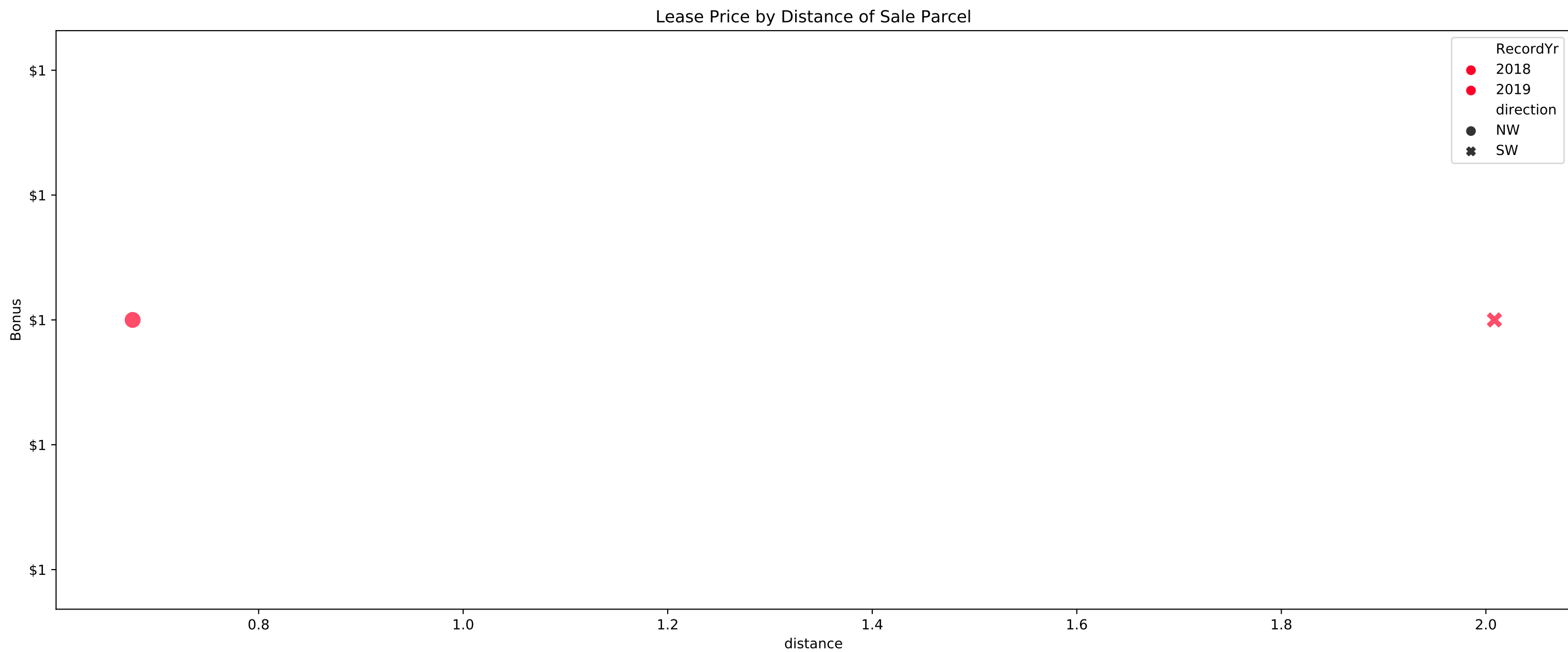
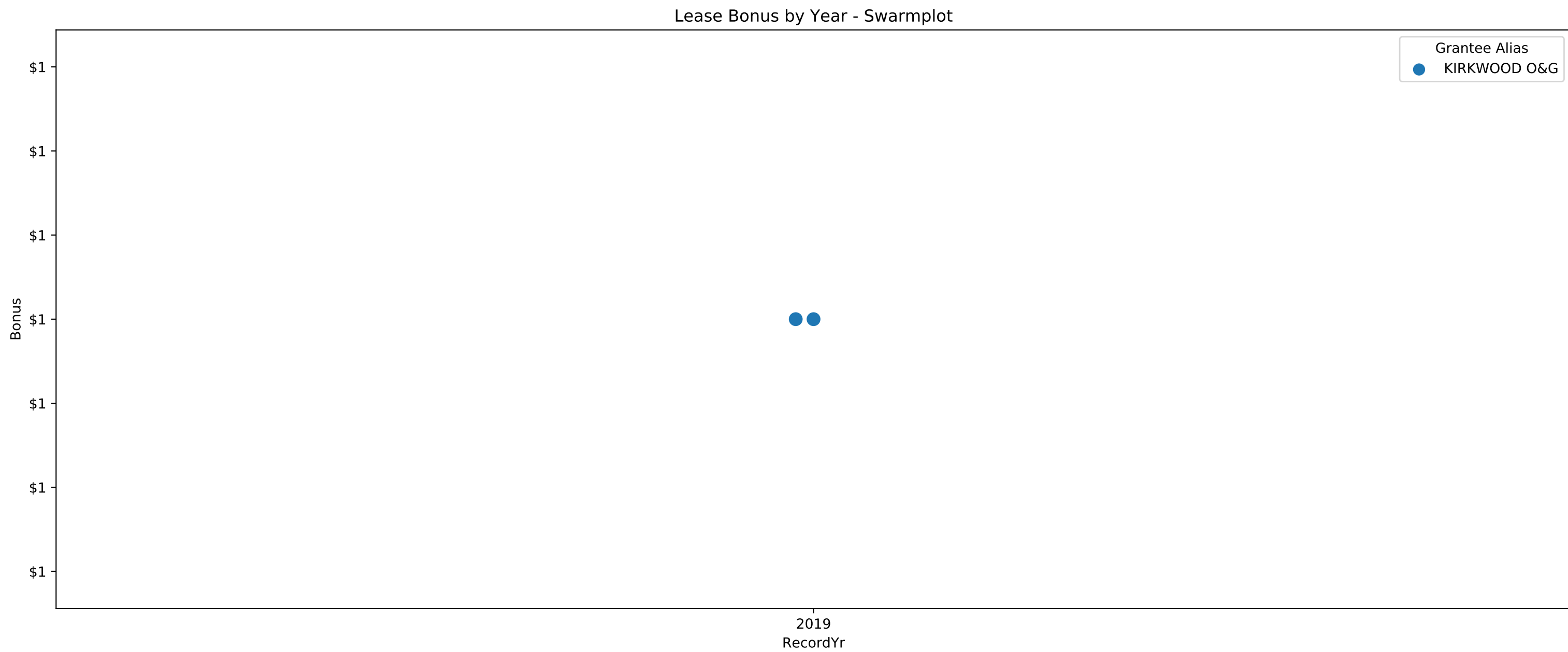




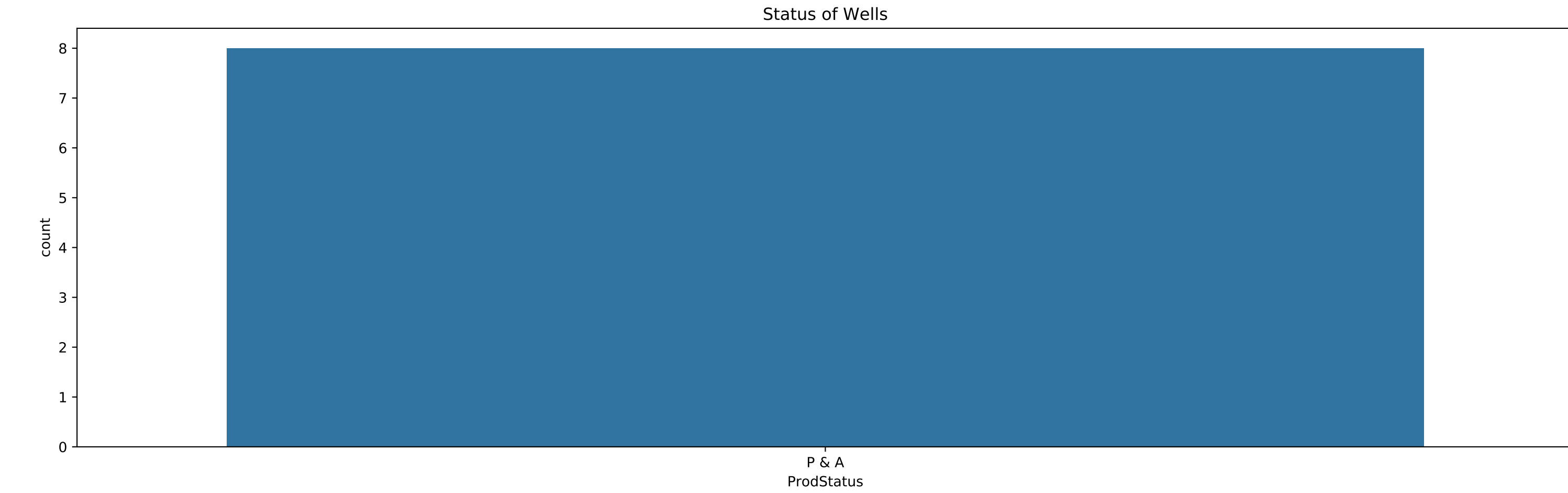
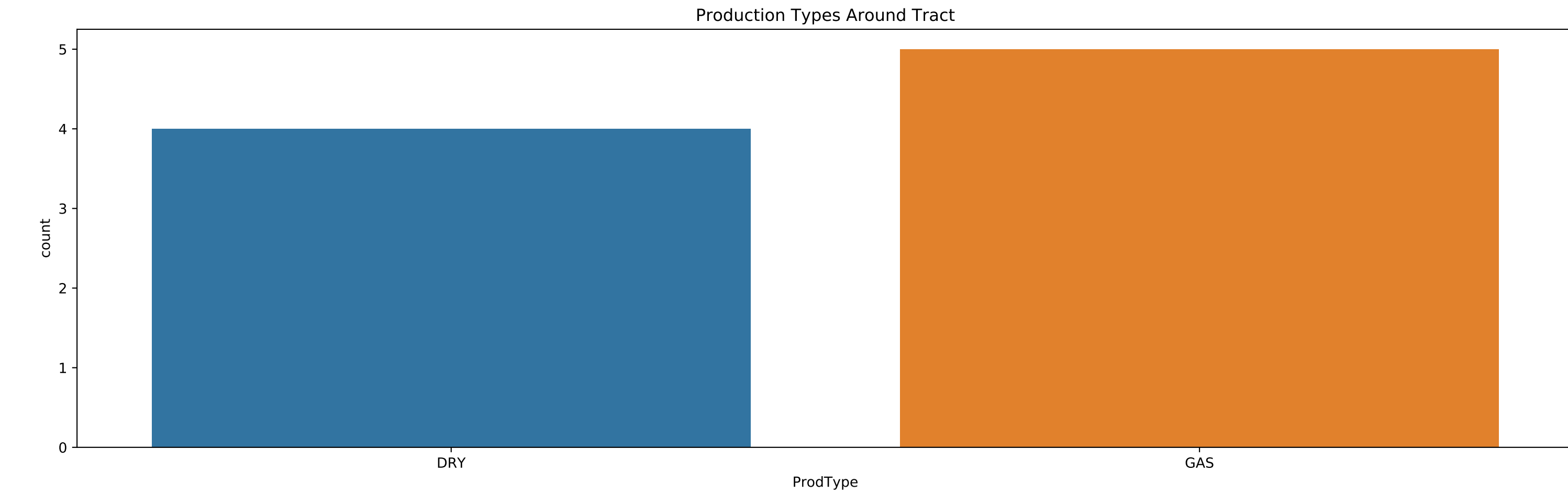
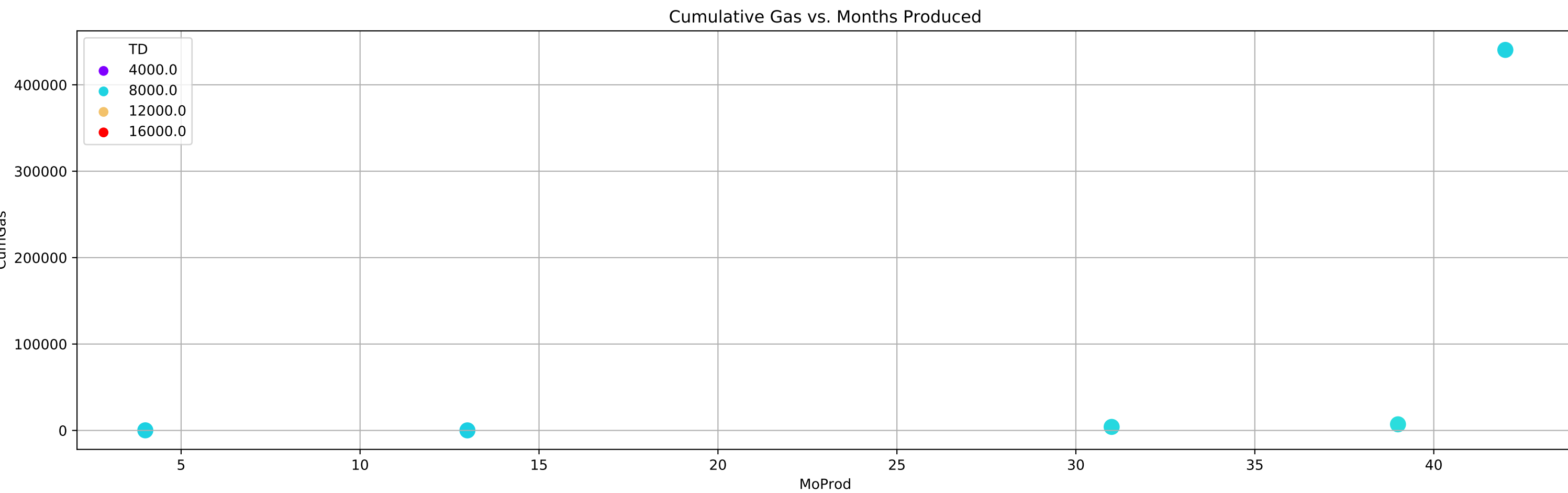
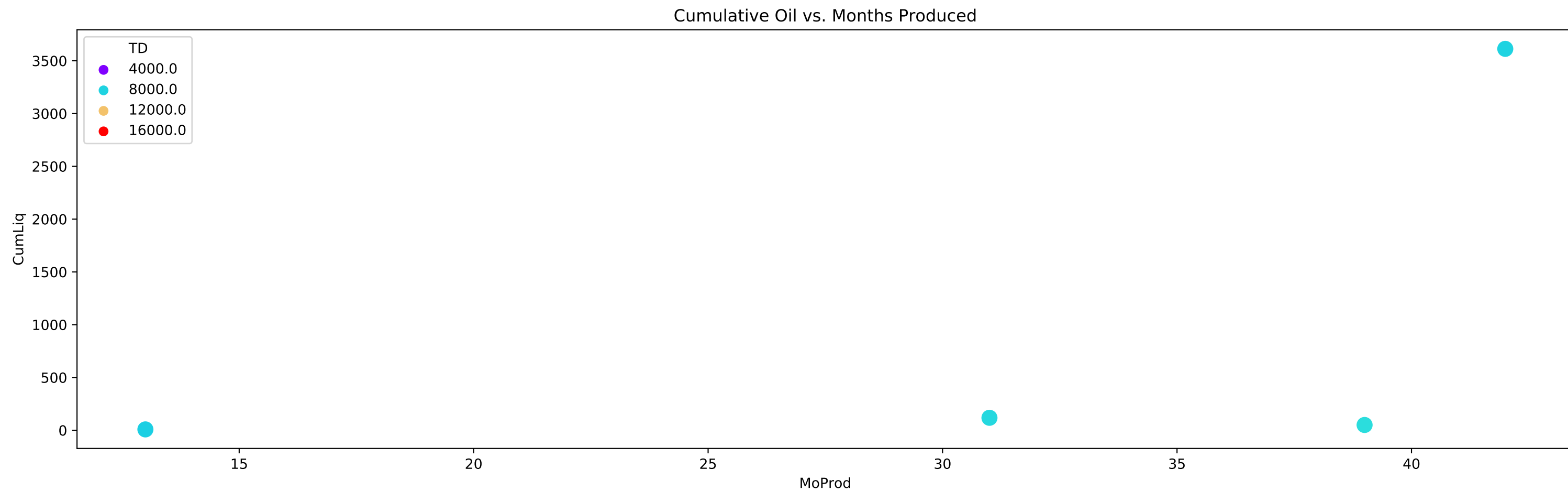
# Old Production Outside of Tract 85 - 3 Mi Radius



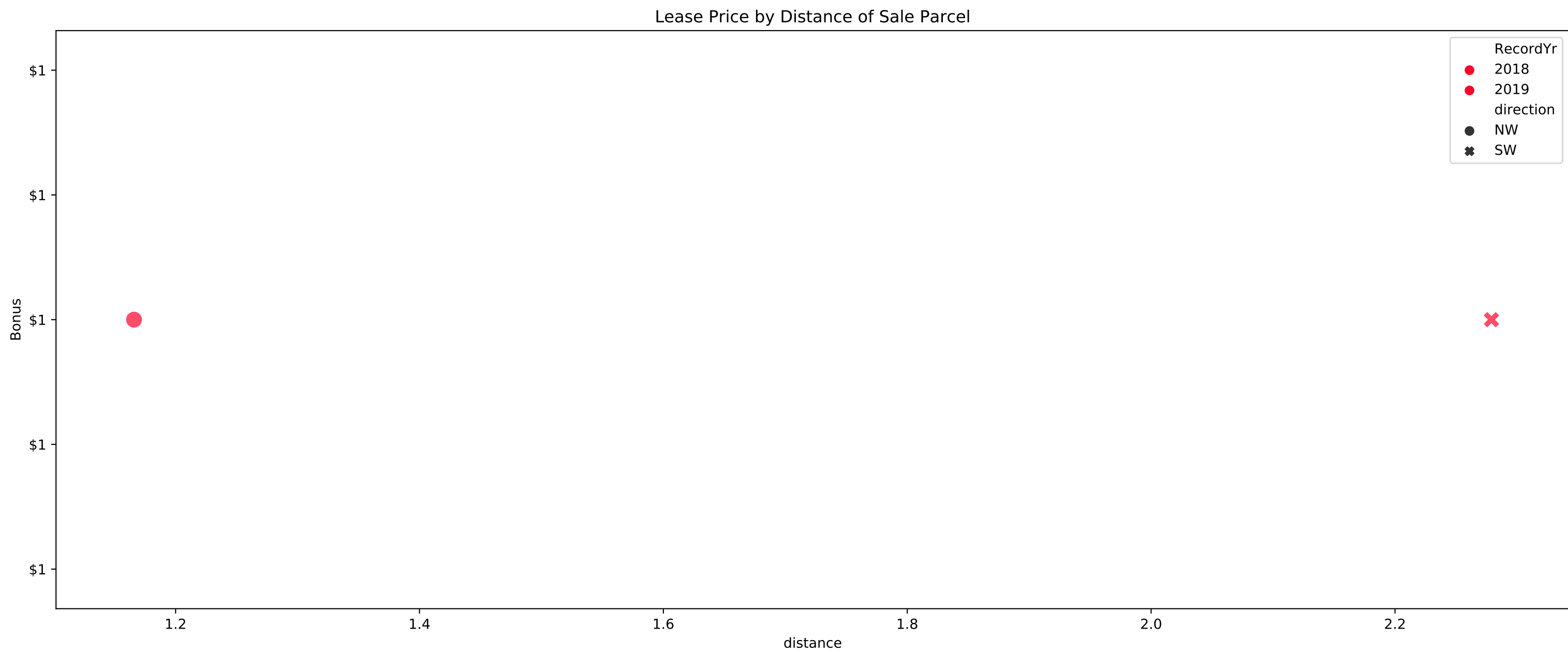
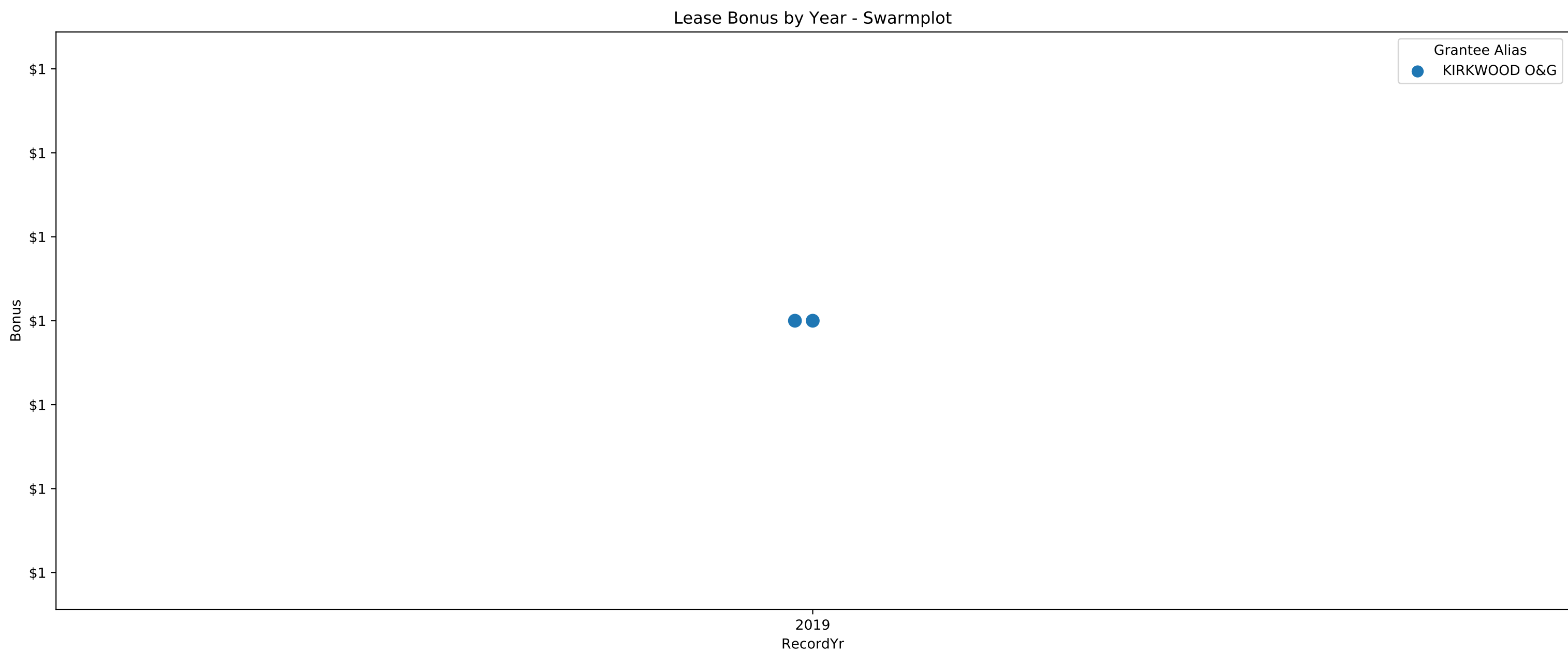
Lease Summary for tract 115  
Total Number of Leases: 2  
Average Price \$1/acre in 2019



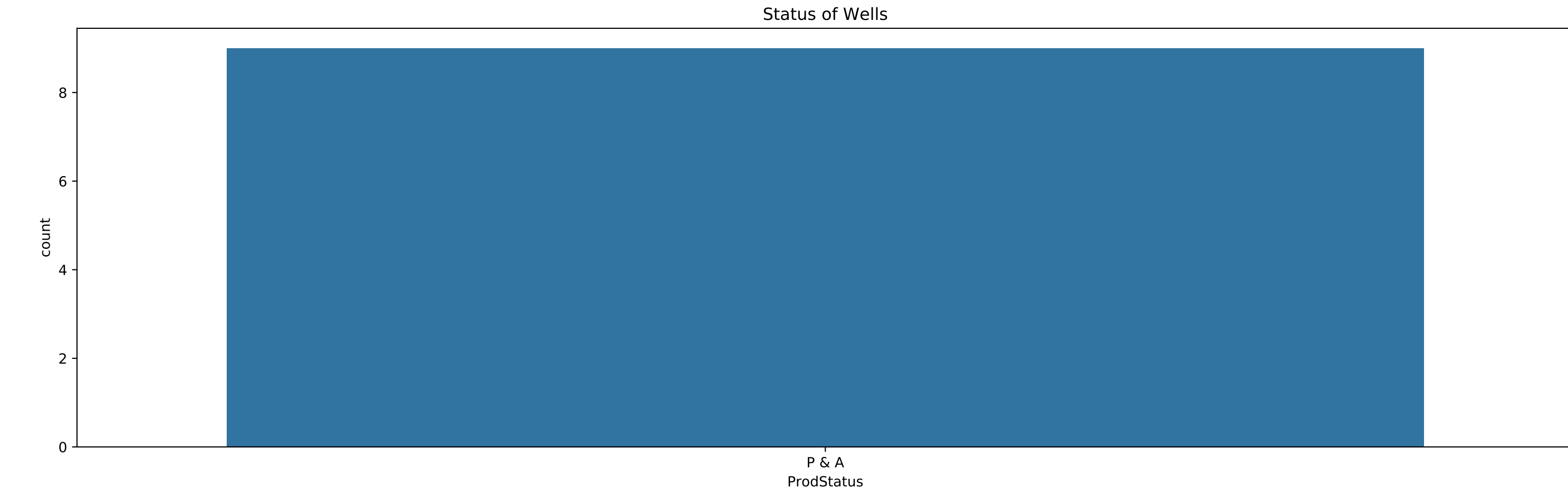
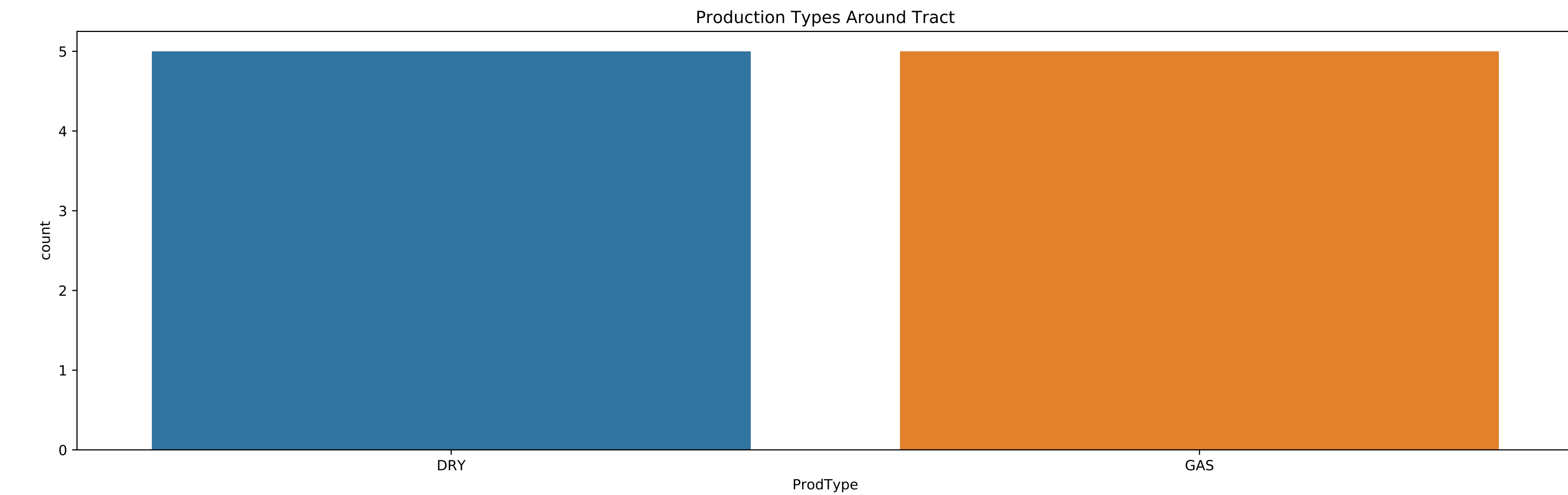
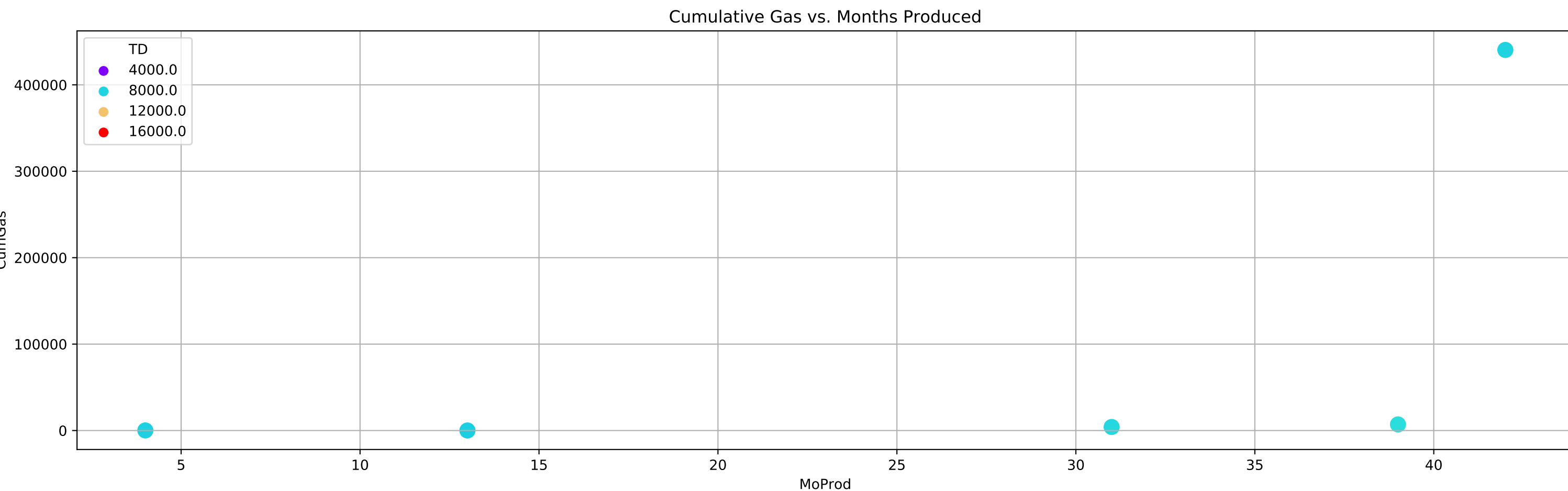
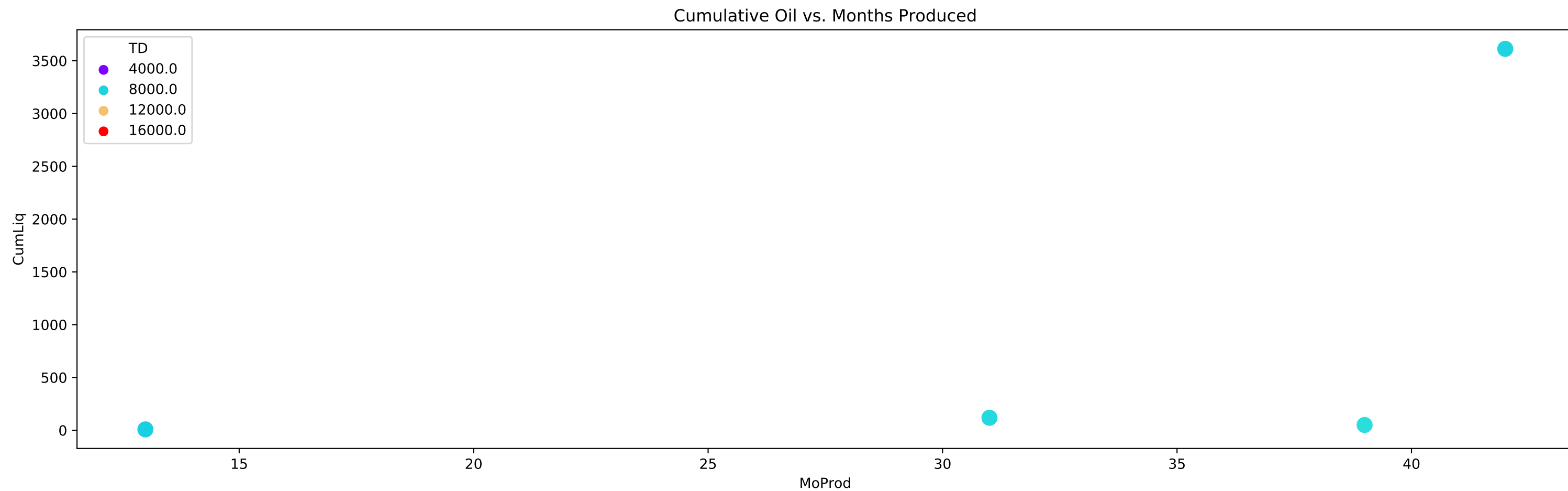
# Old Production Outside of Tract 115 - 3 Mi Radius



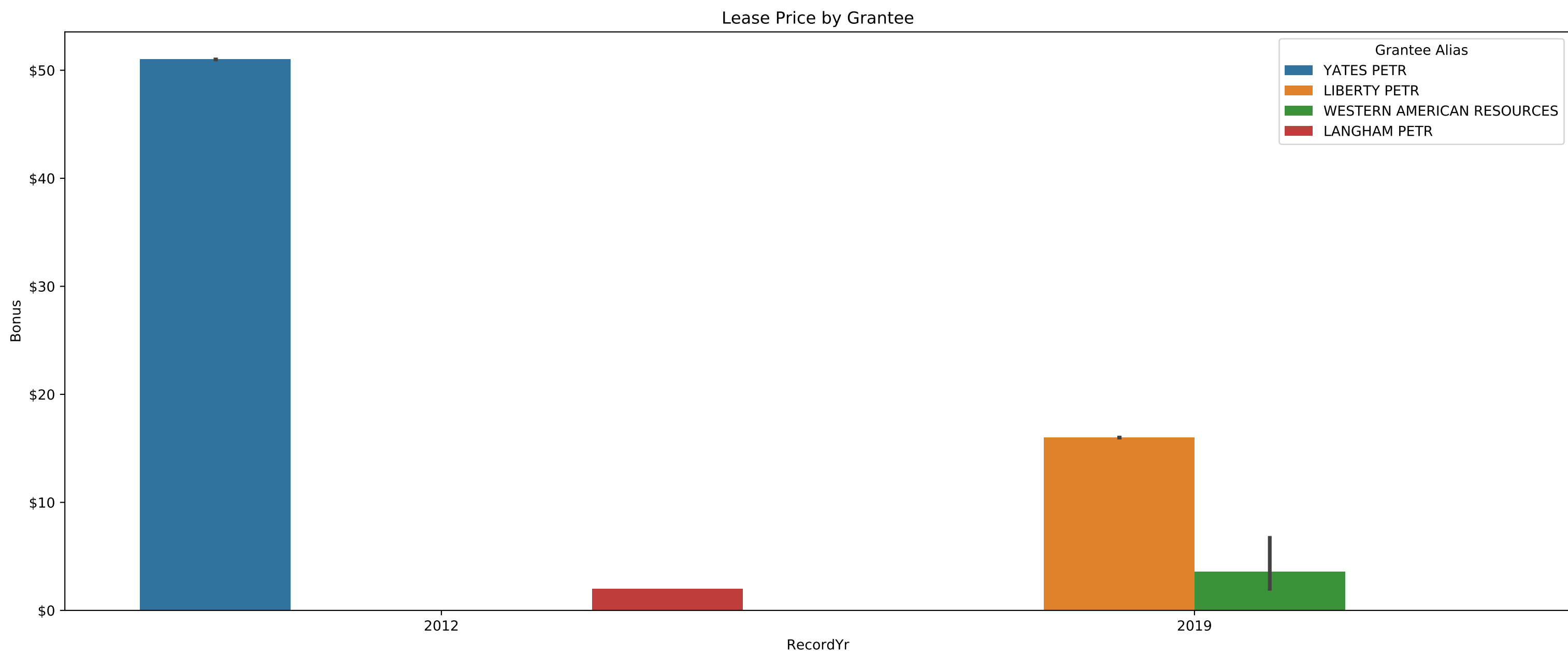
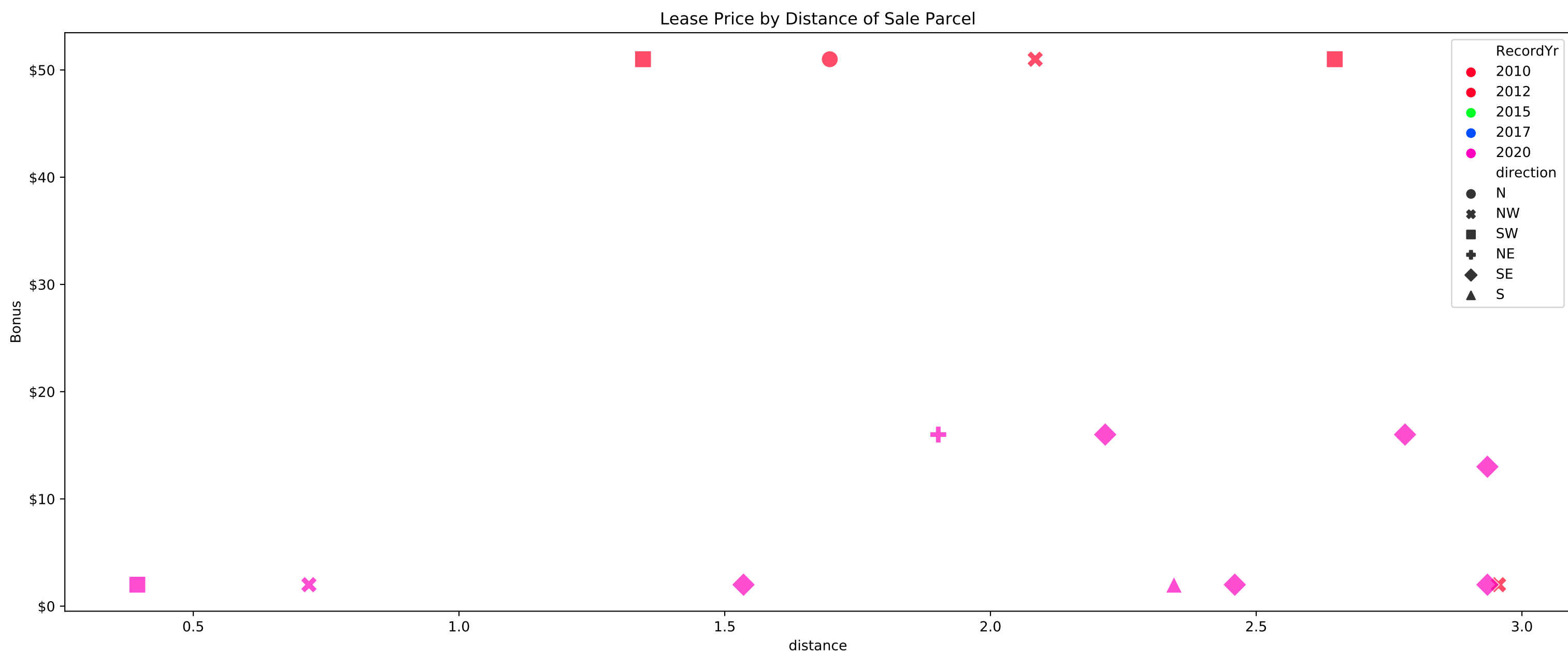
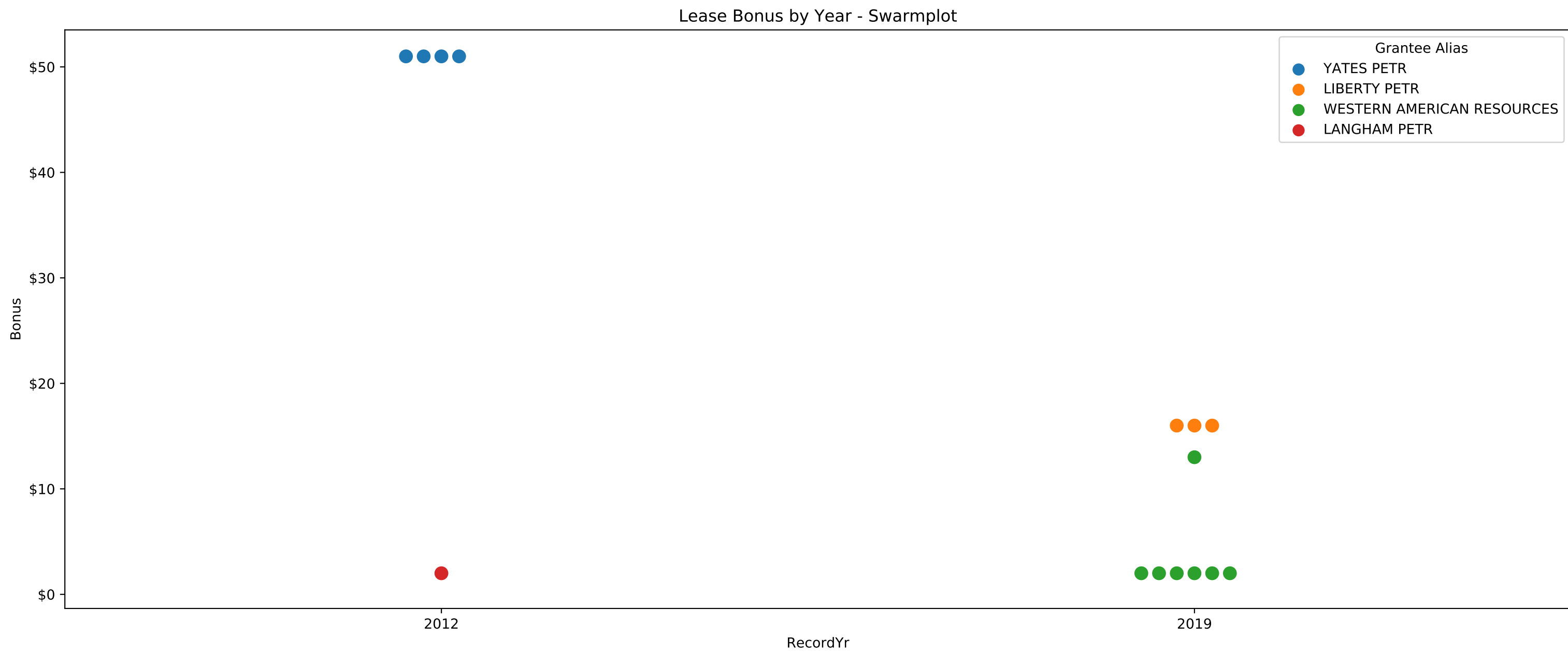
Lease Summary for tract 116  
Total Number of Leases: 2  
Average Price \$1/acre in 2019



Old Production Outside of Tract 116 - 3 Mi Radius

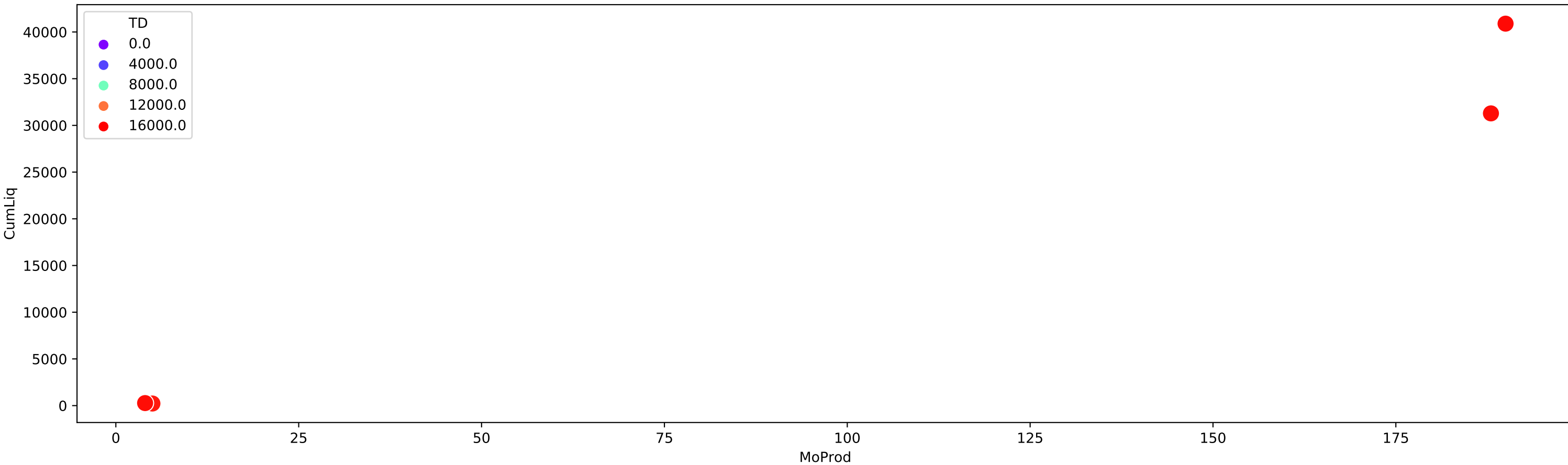


Lease Summary for tract 82  
Total Number of Leases: 15  
Average Price \$7/acre in 2019

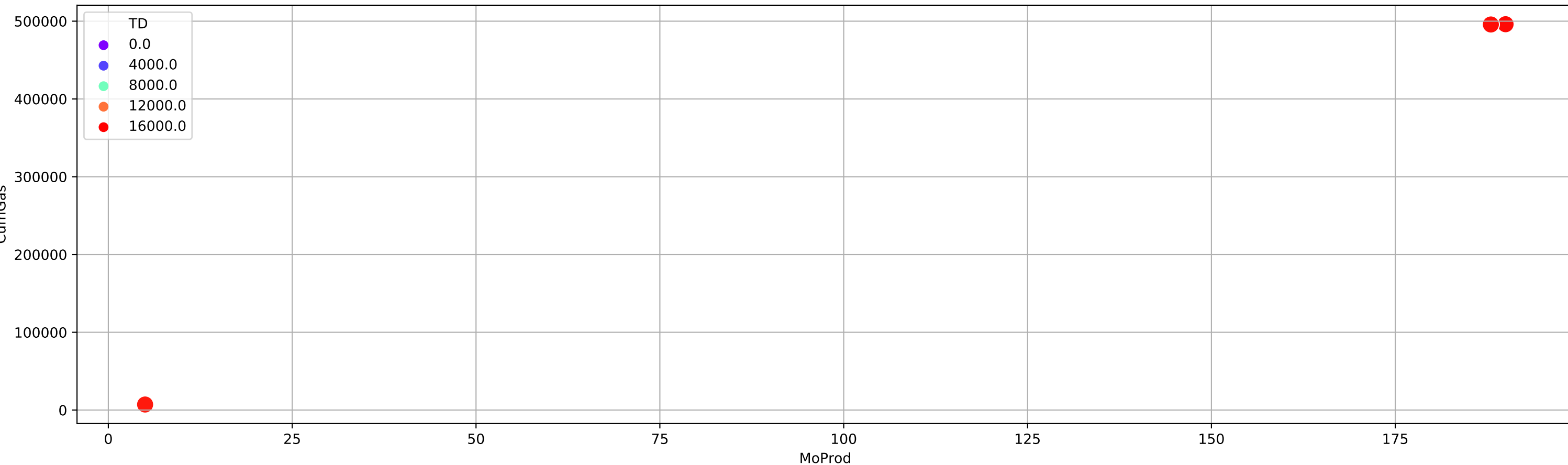


# Old Production Outside of Tract 82 - 3 Mi Radius

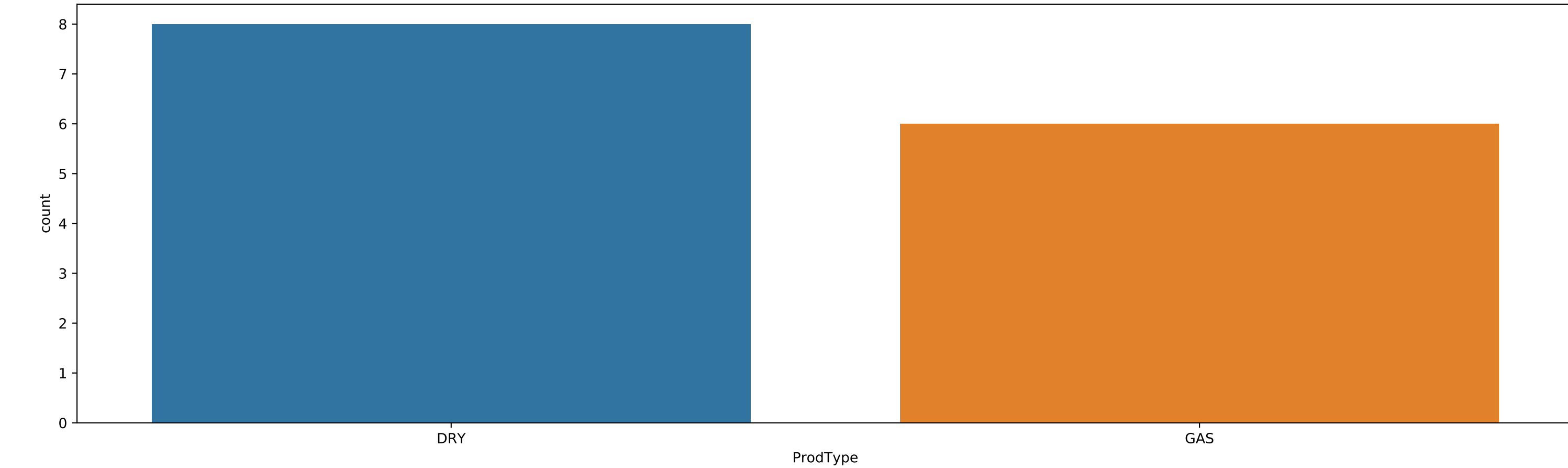
Cumulative Oil vs. Months Produced



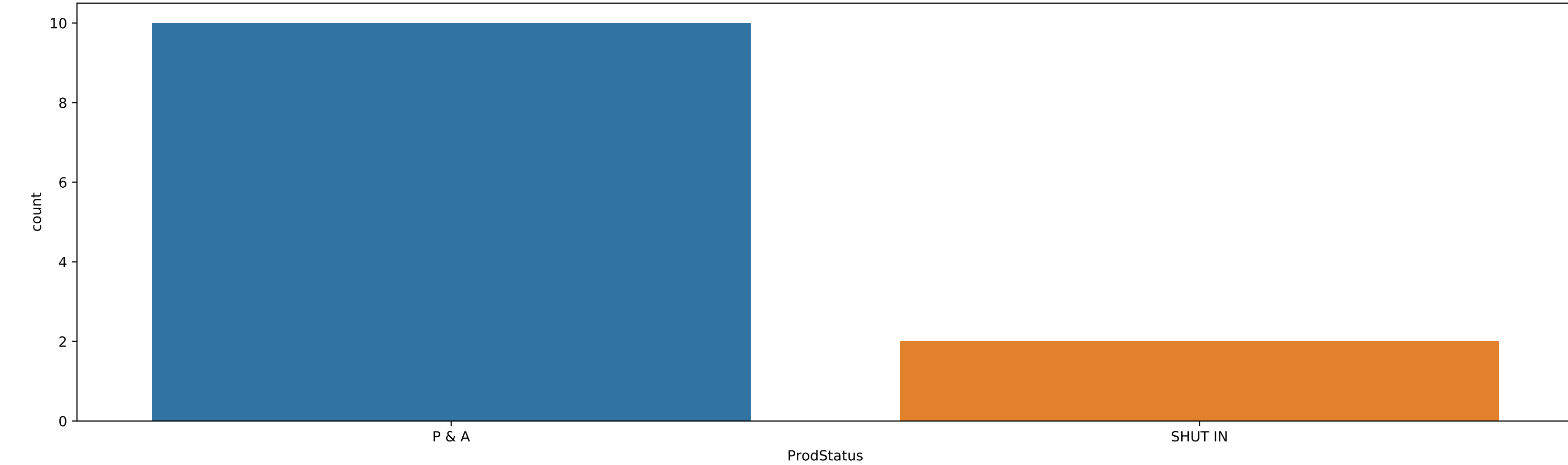
Cumulative Gas vs. Months Produced



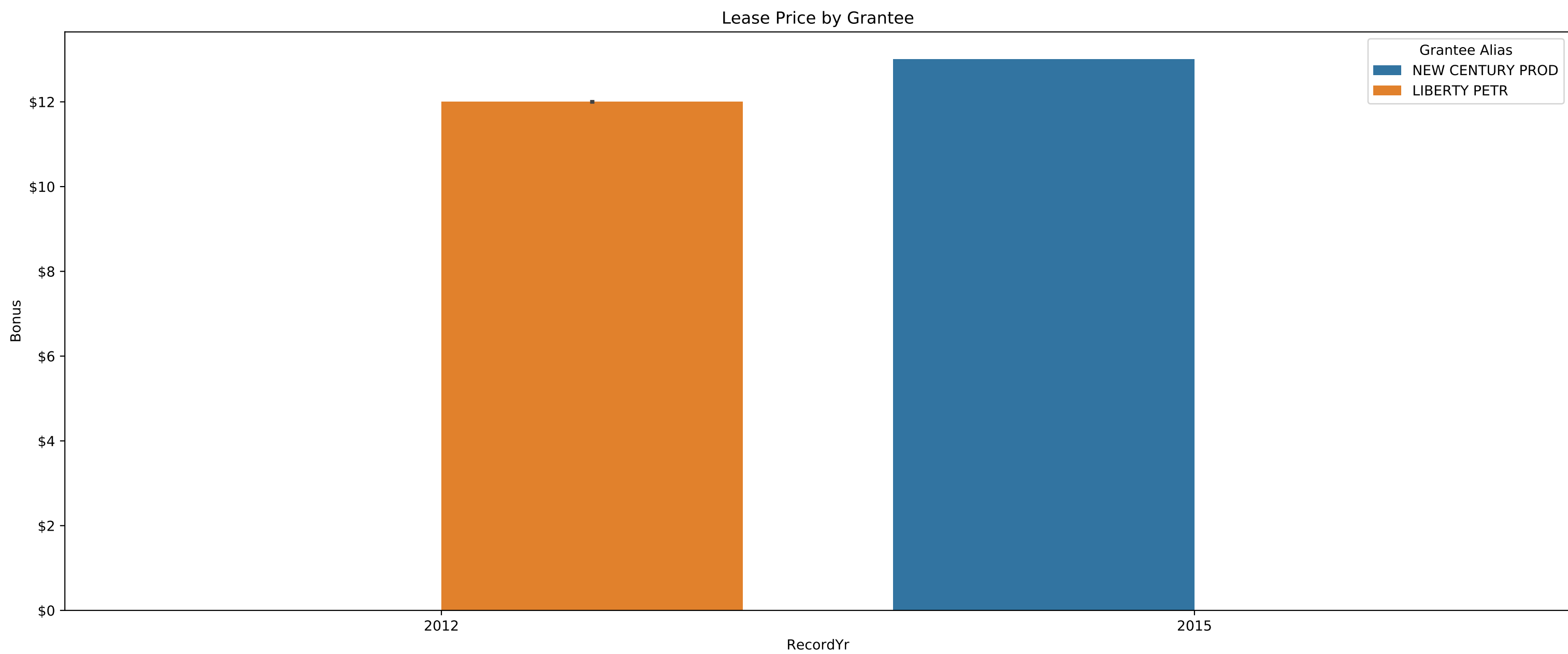
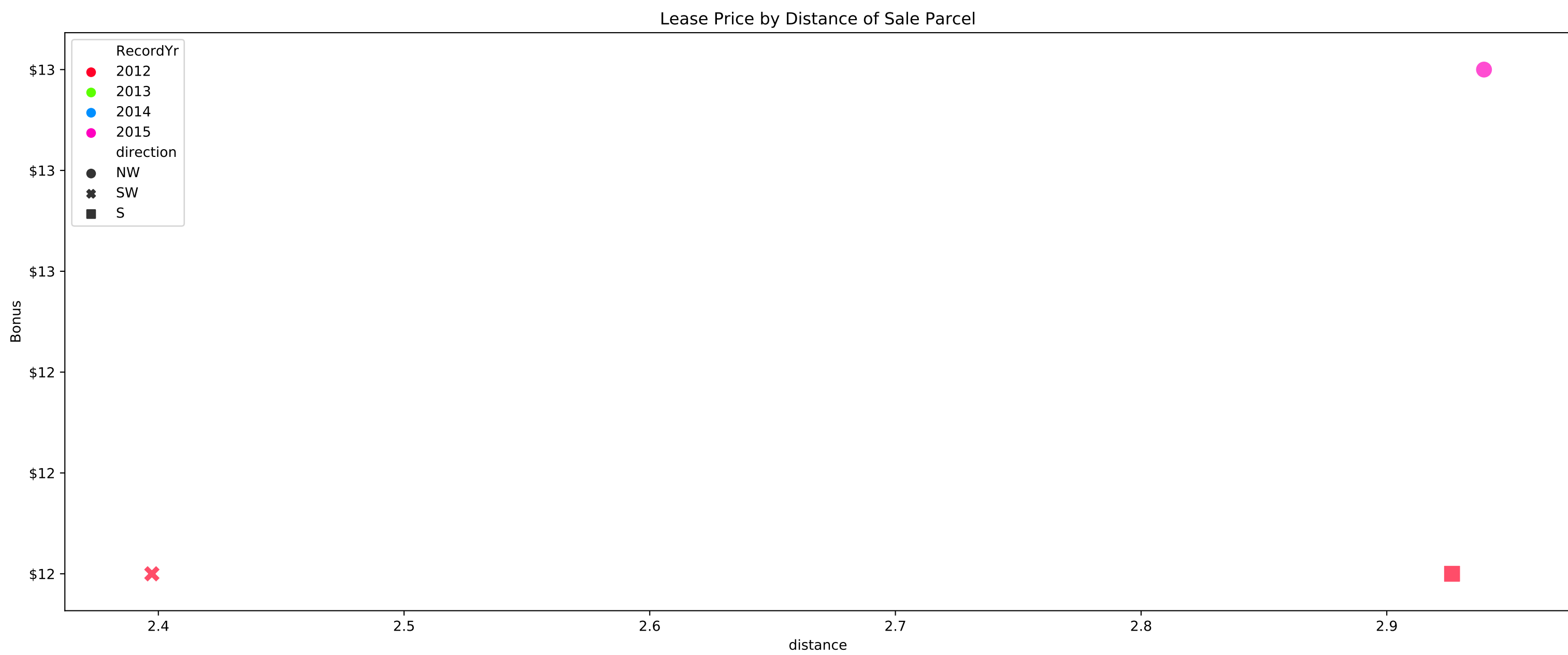
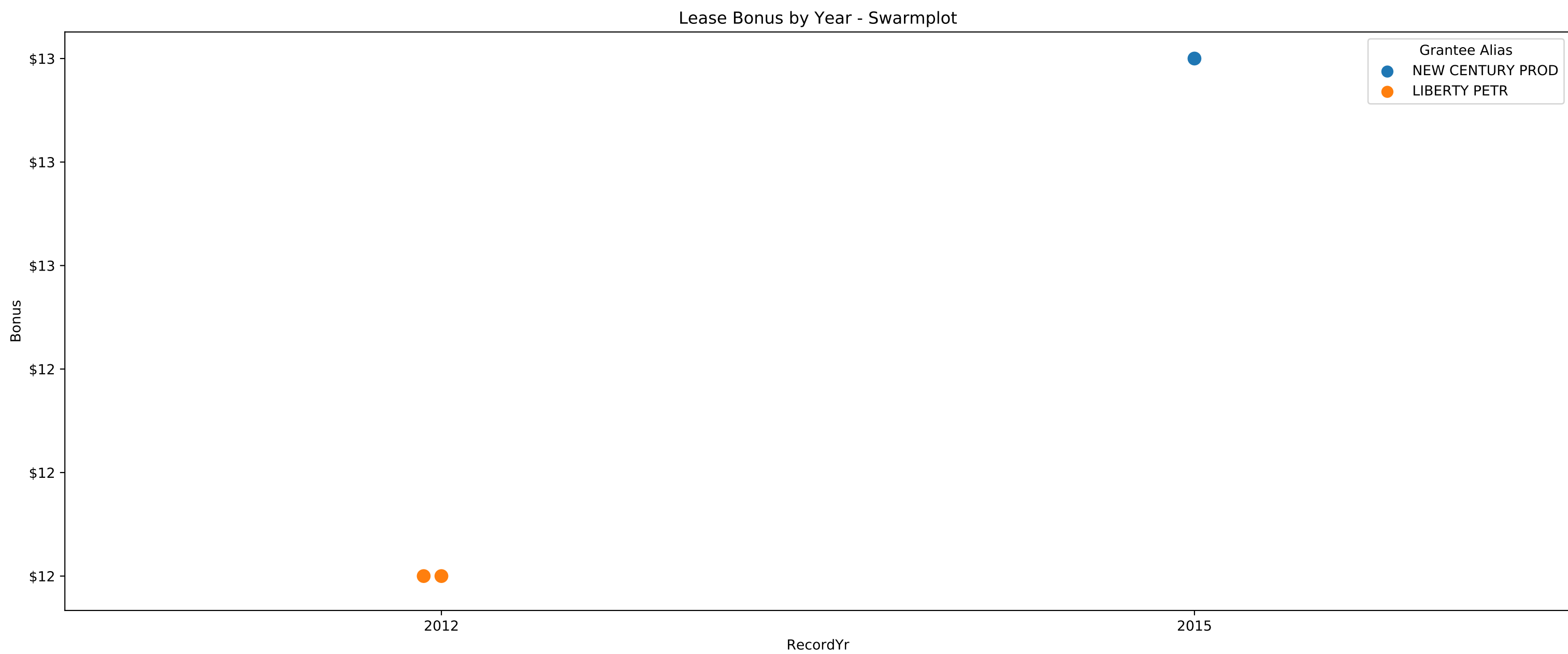
Production Types Around Tract



Status of Wells

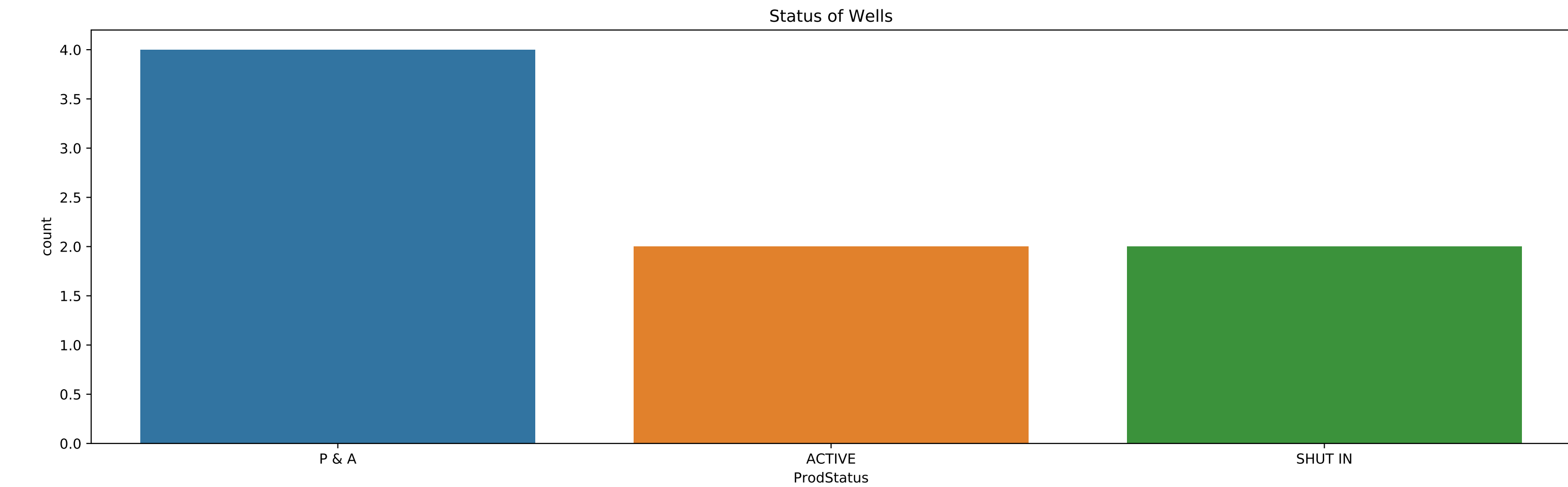
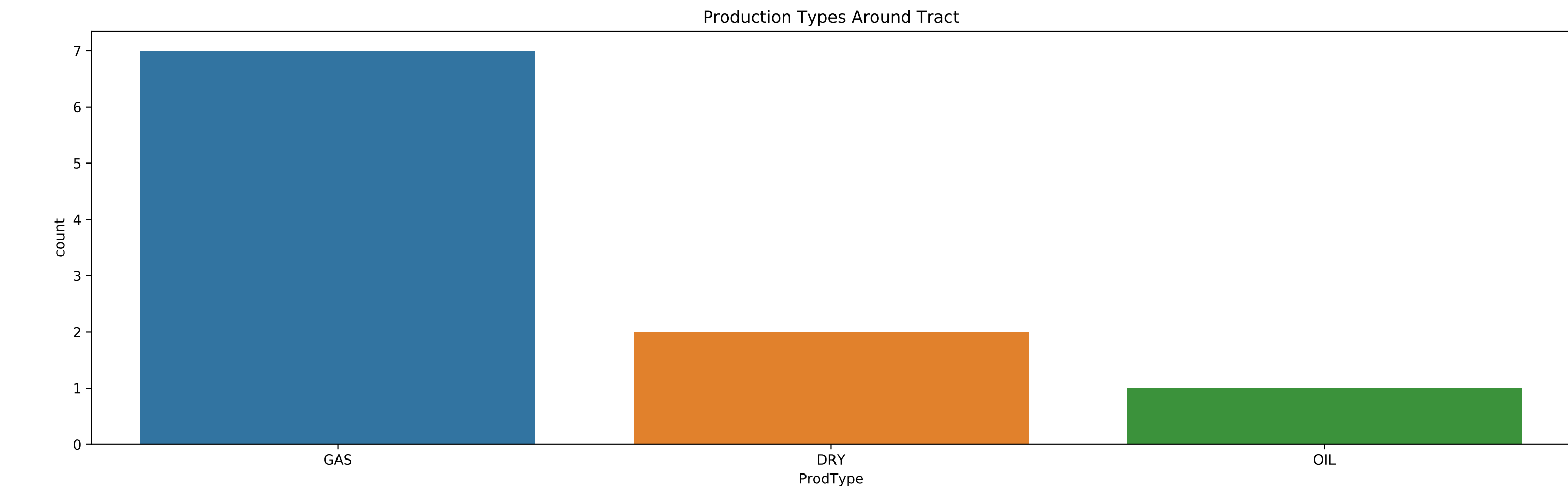
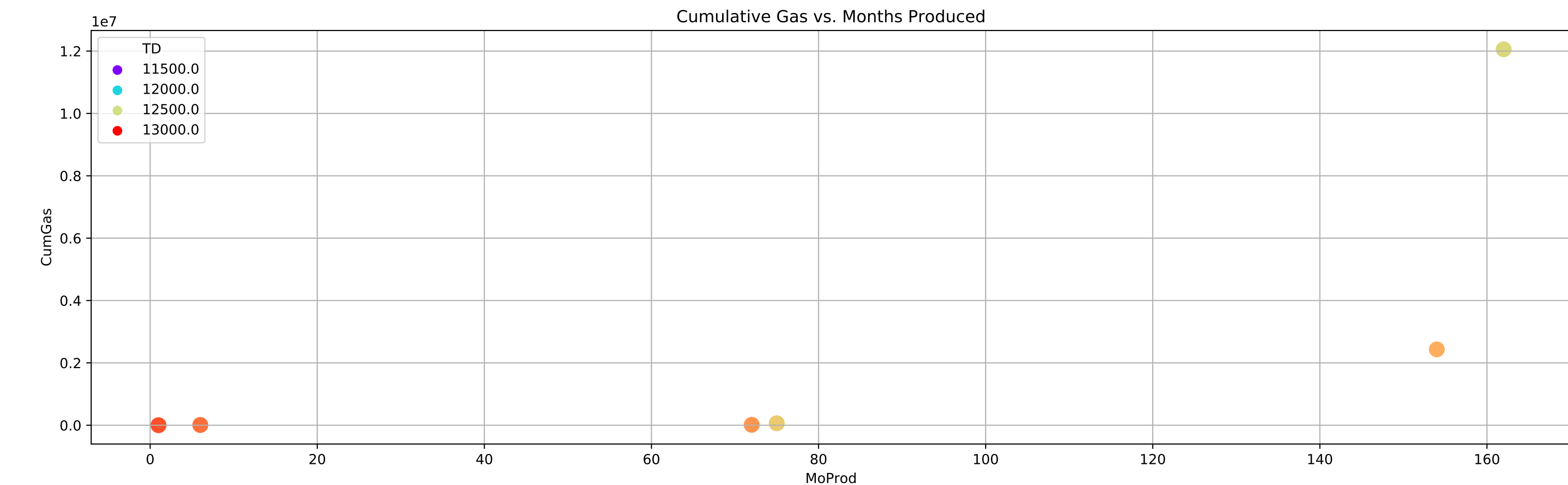
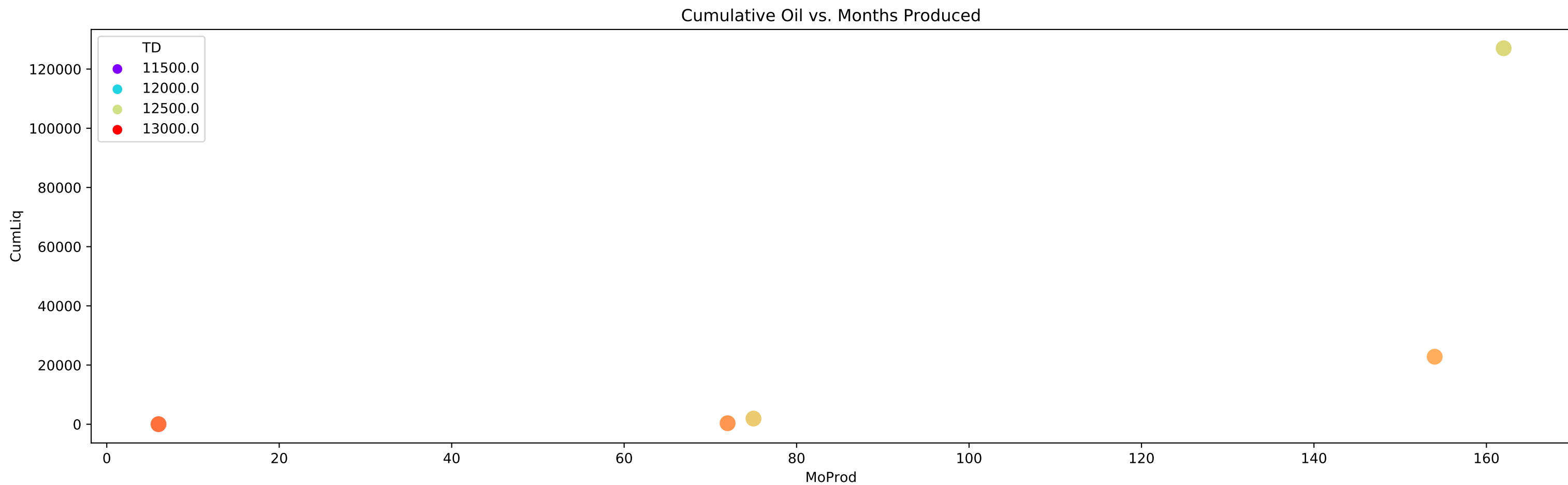


Lease Summary for tract 117  
Total Number of Leases: 3  
Average Price \$13/acre in 2015

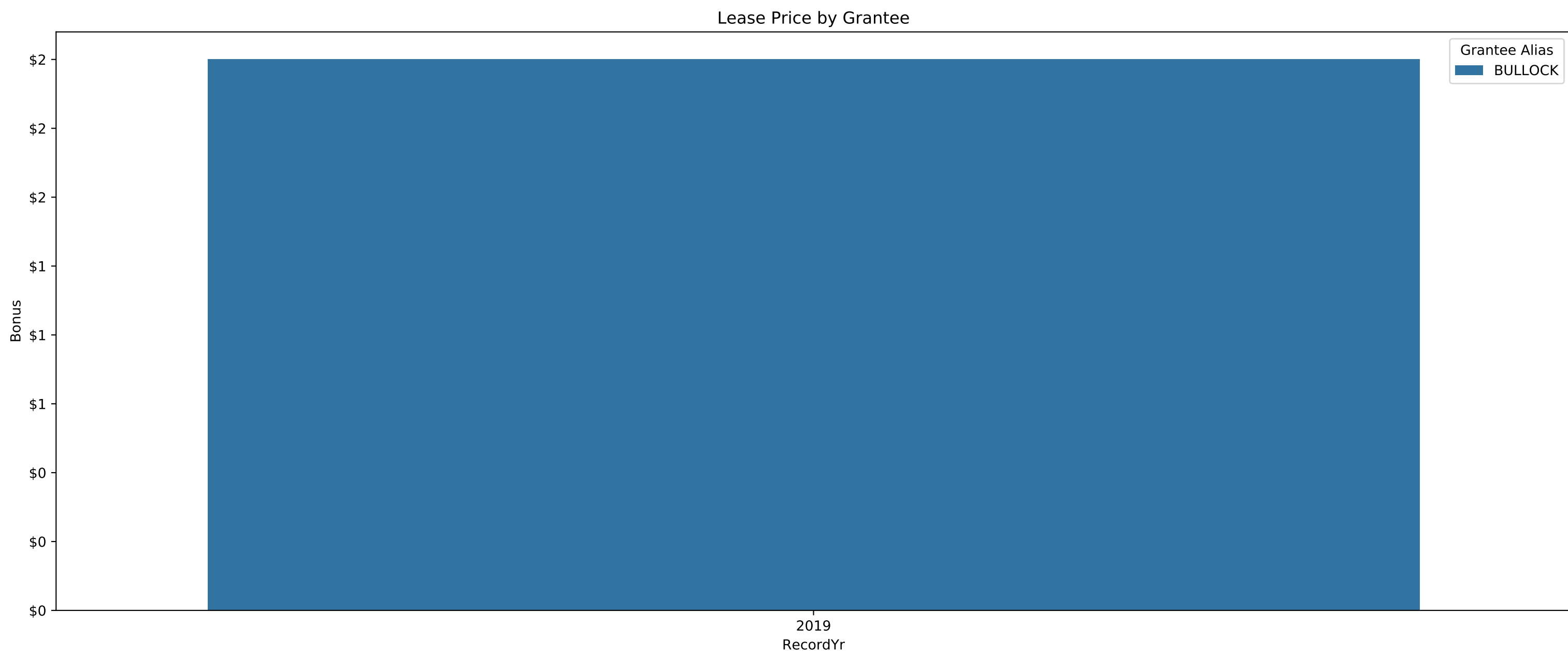
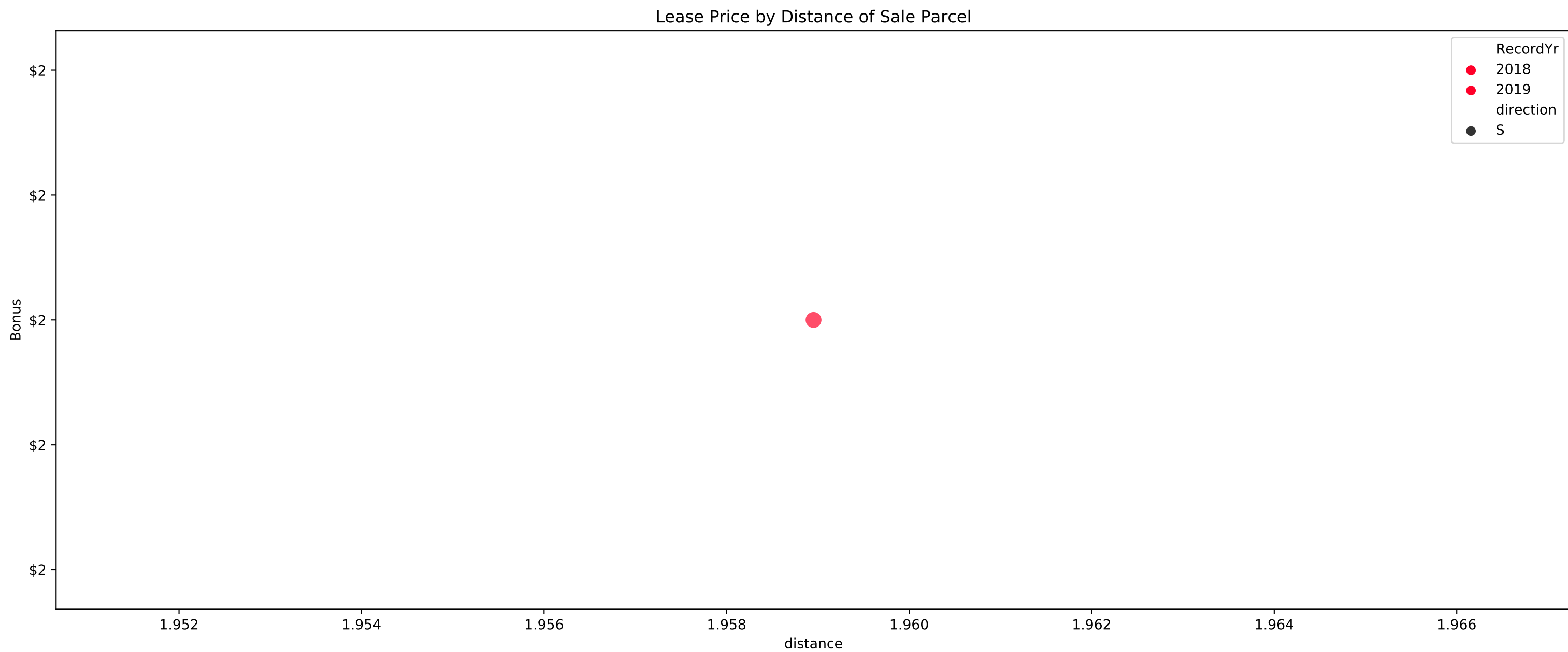
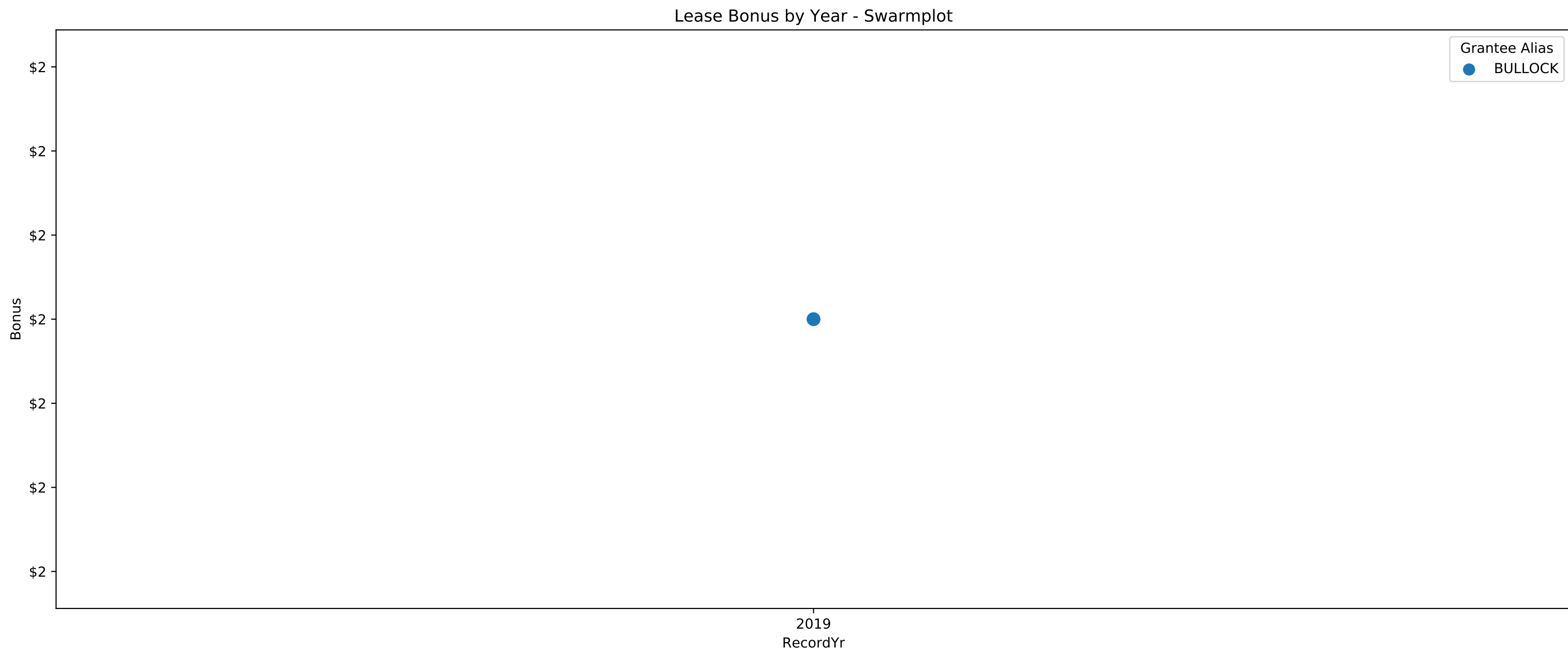




# Old Production Outside of Tract 117 - 3 Mi Radius

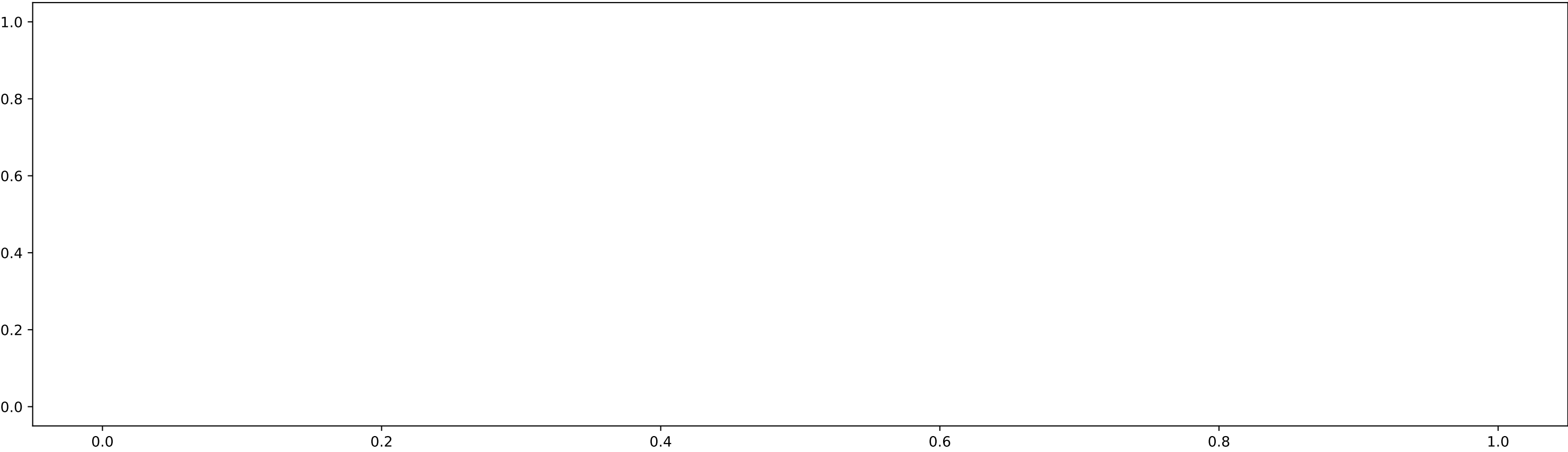


Lease Summary for tract 83  
Total Number of Leases: 1  
Average Price \$2/acre in 2019

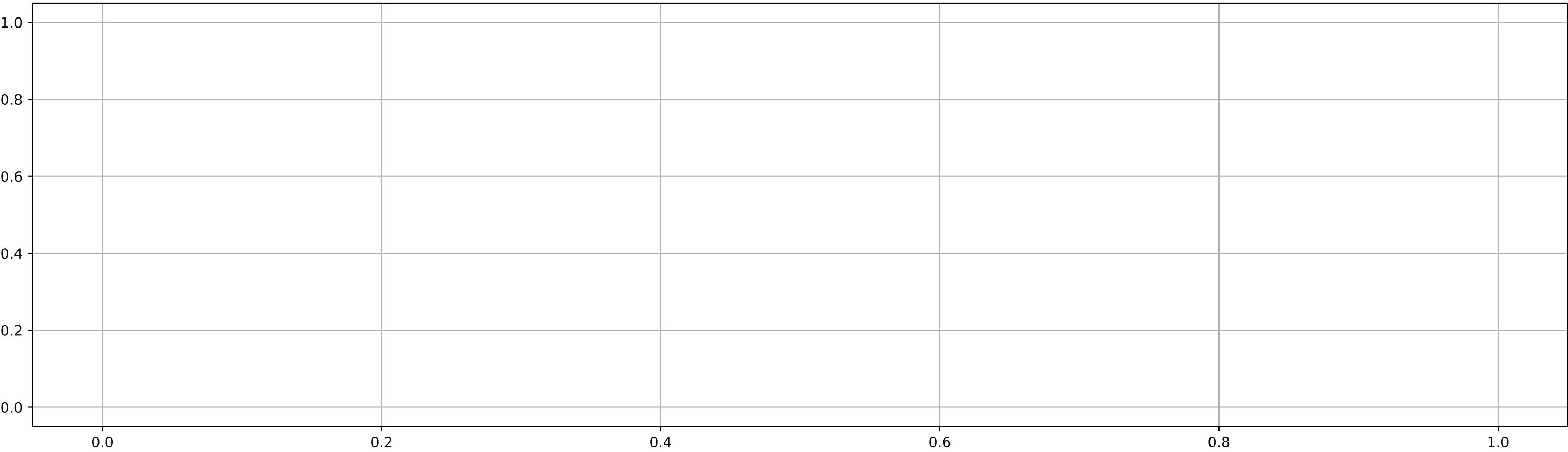


# Old Production Outside of Tract 83 - 3 Mi Radius

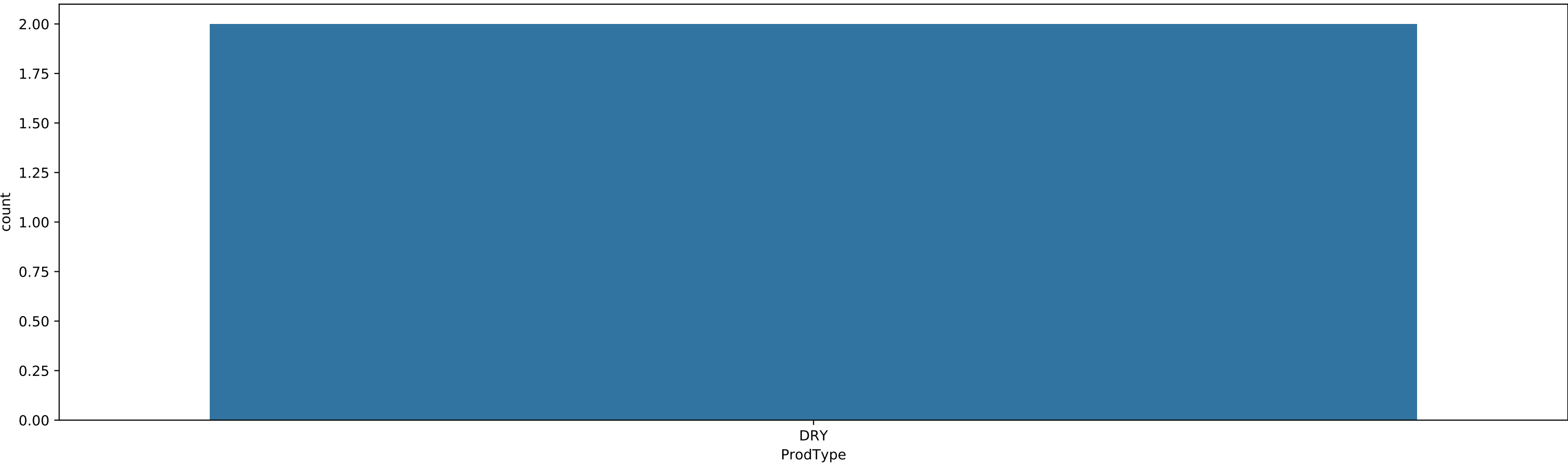
Cumulative Oil vs. Months Produced



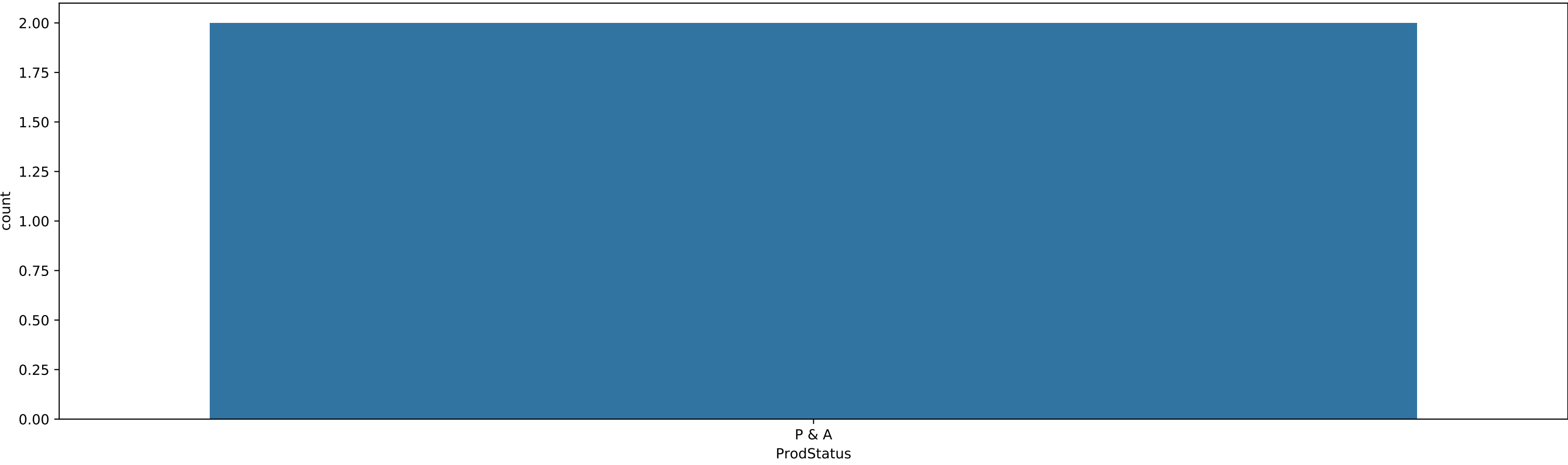
Cumulative Gas vs. Months Produced



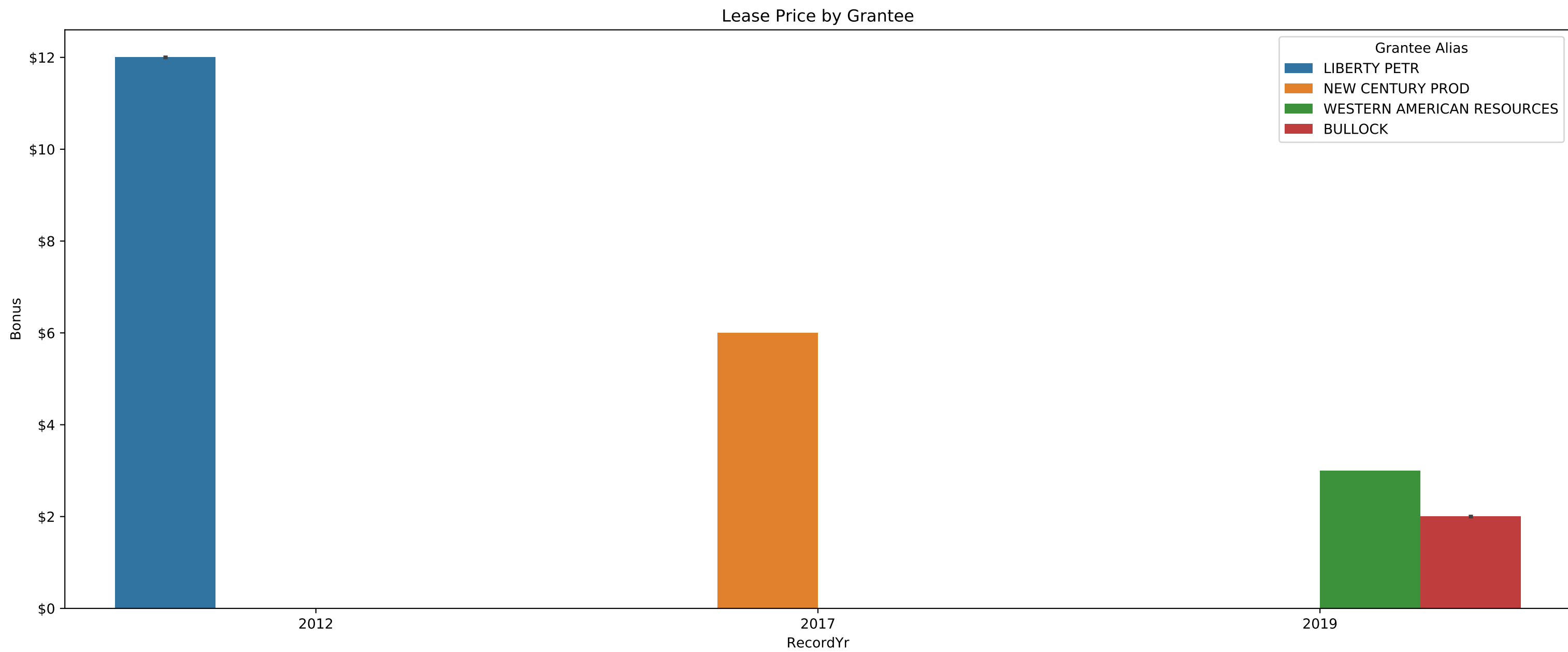
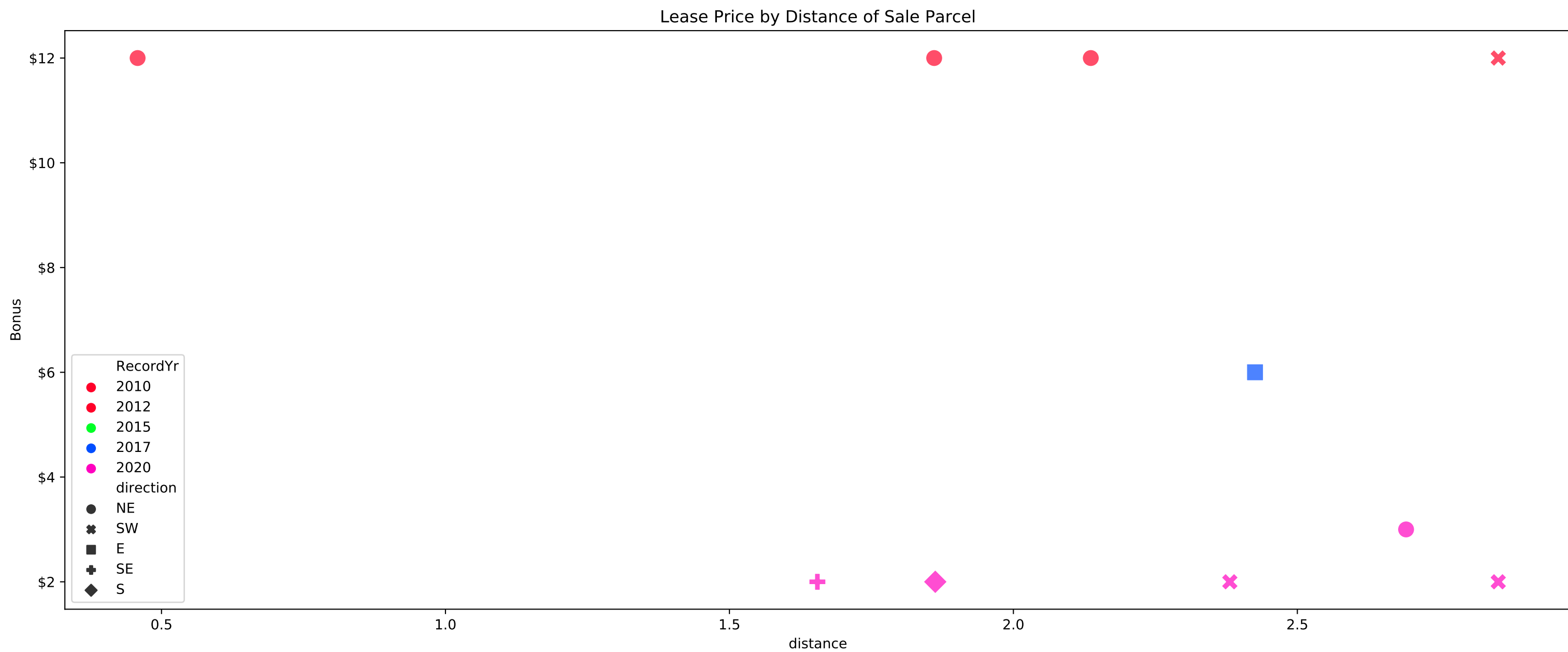
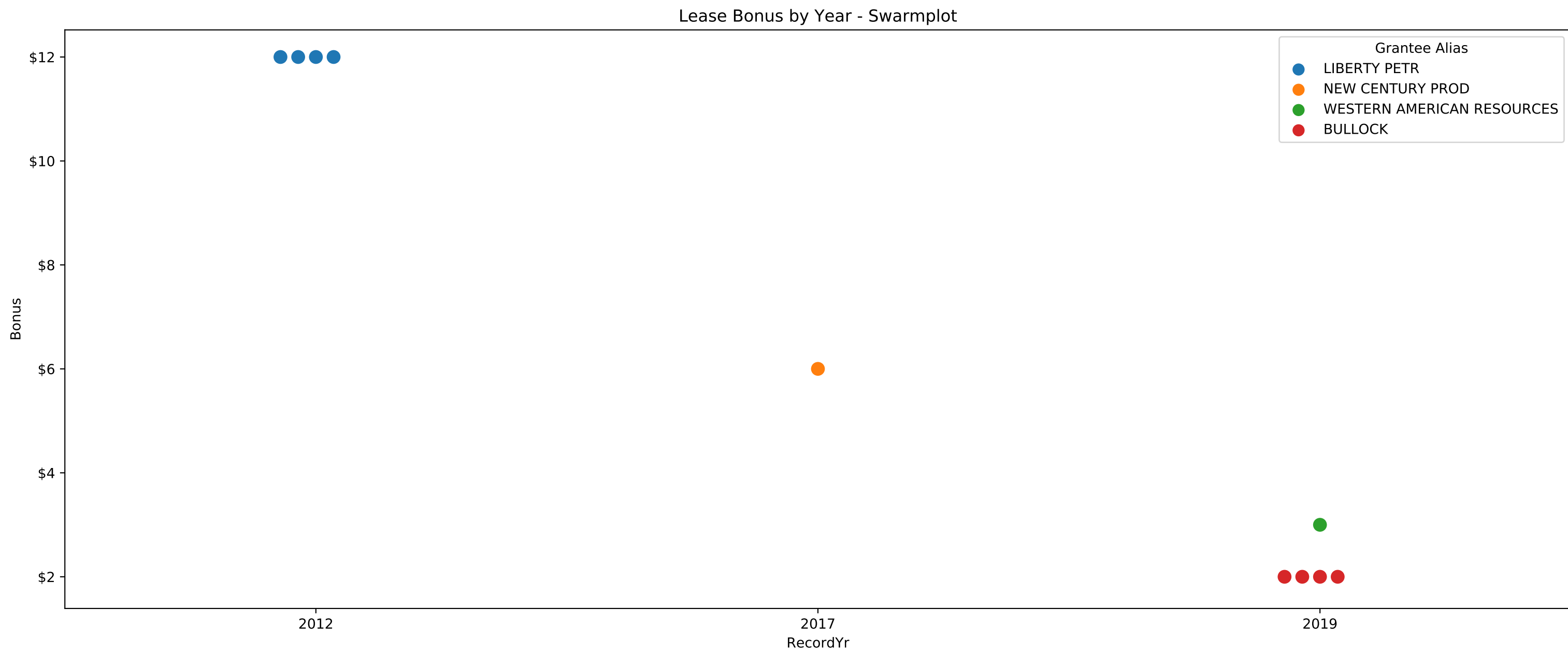
Production Types Around Tract



Status of Wells

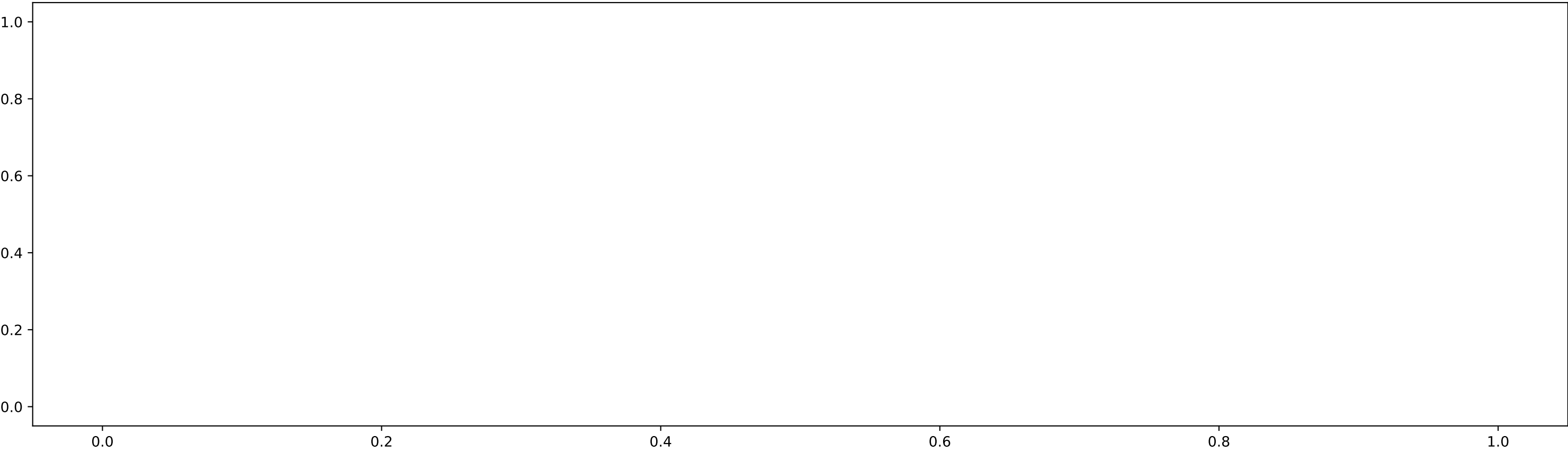


Lease Summary for tract 86  
Total Number of Leases: 10  
Average Price \$2/acre in 2019

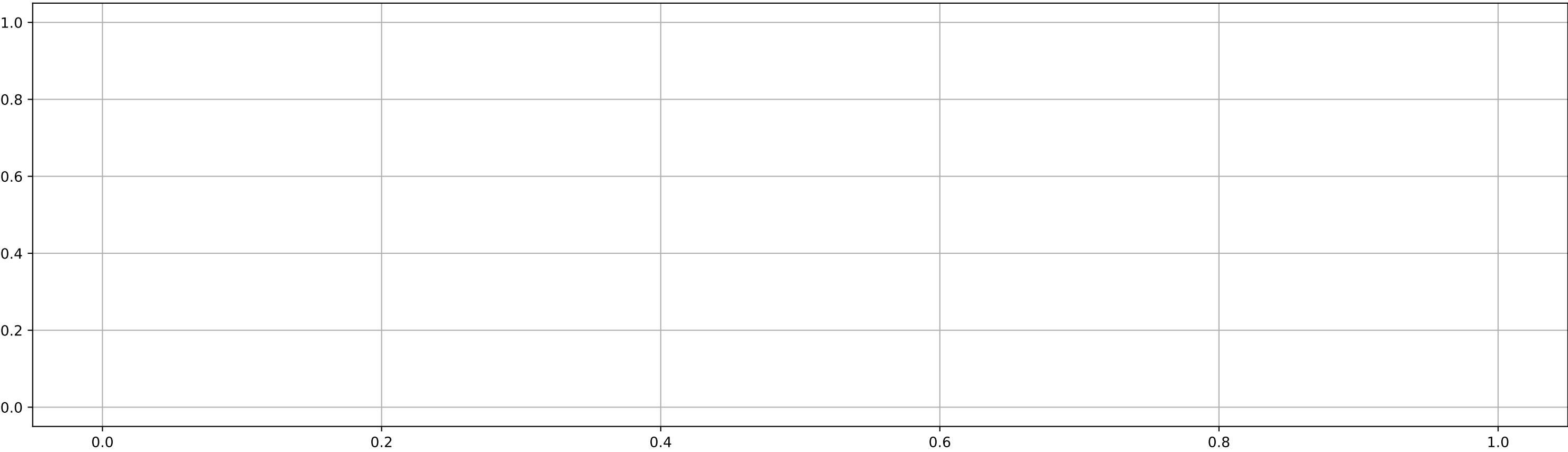


# Old Production Outside of Tract 86 - 3 Mi Radius

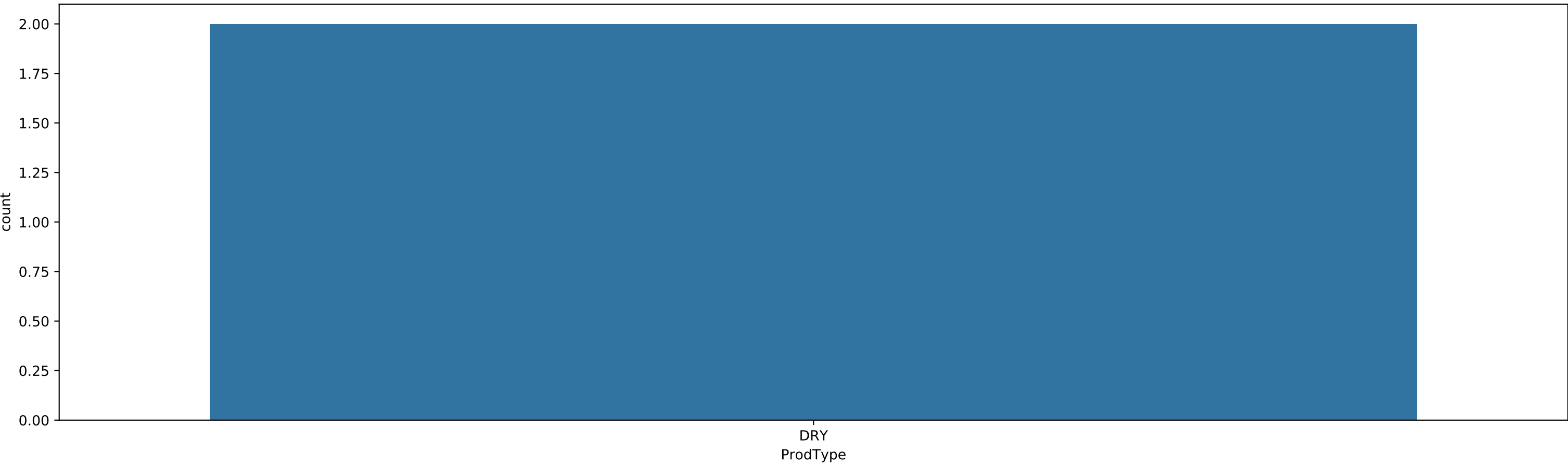
Cumulative Oil vs. Months Produced



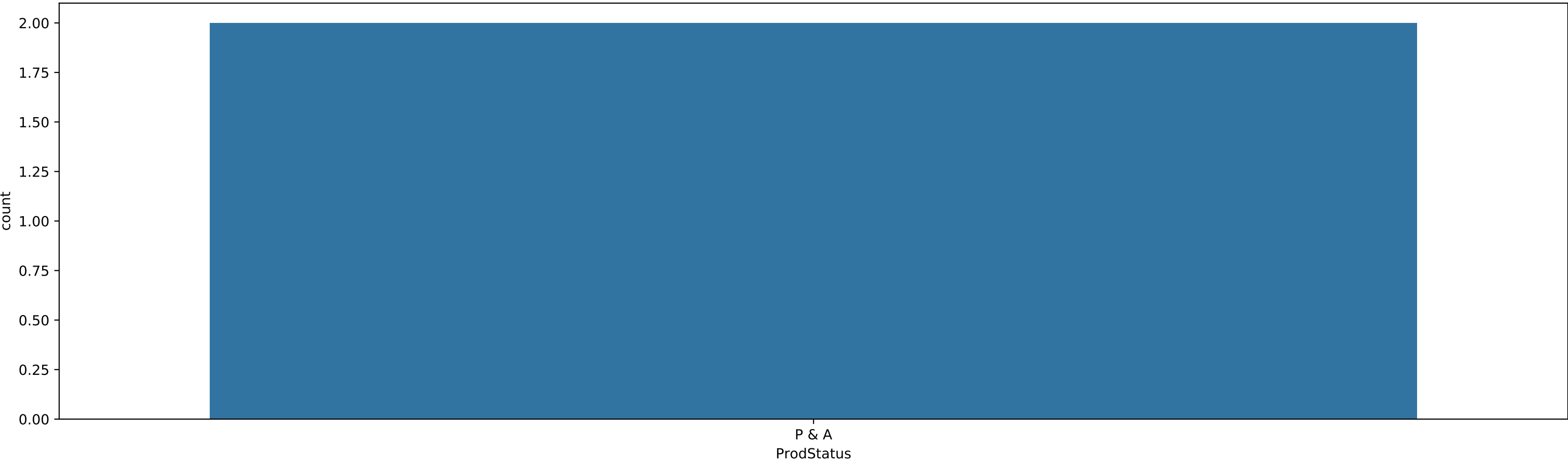
Cumulative Gas vs. Months Produced



Production Types Around Tract



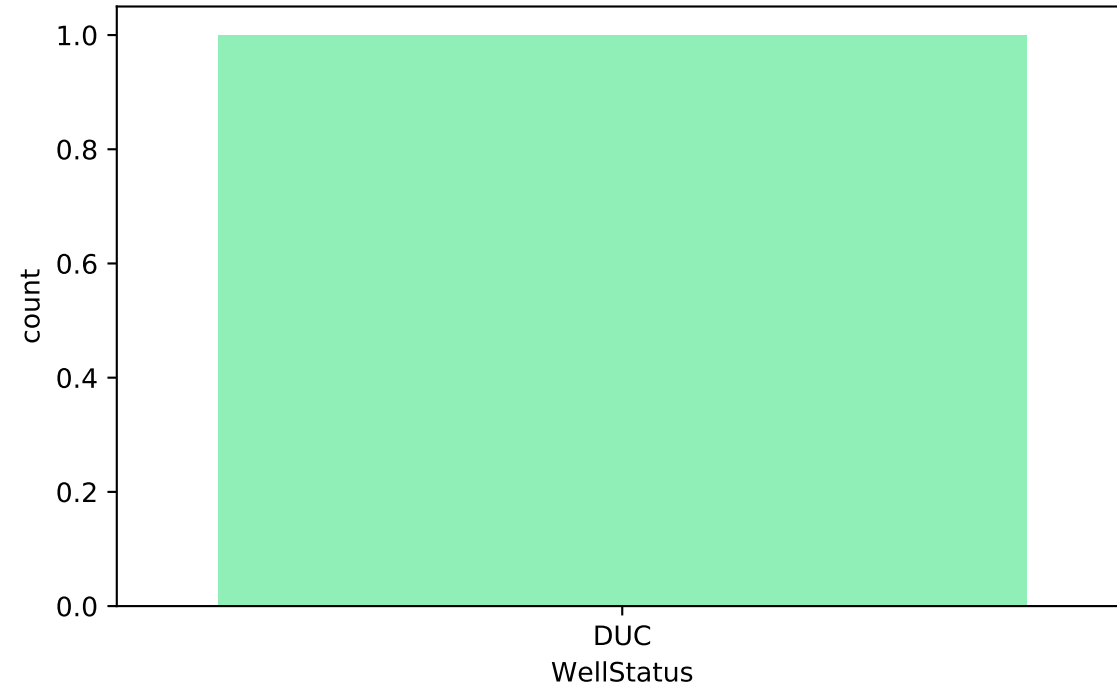
Status of Wells



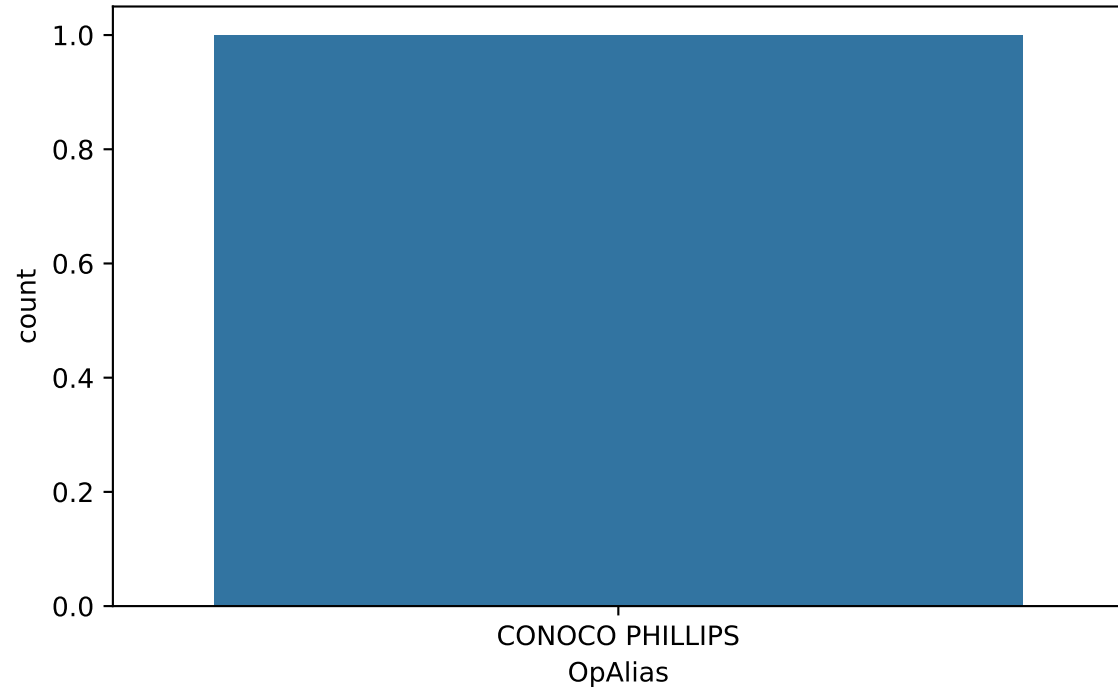
# Permit Summary for Tract 84

Total permits: 1

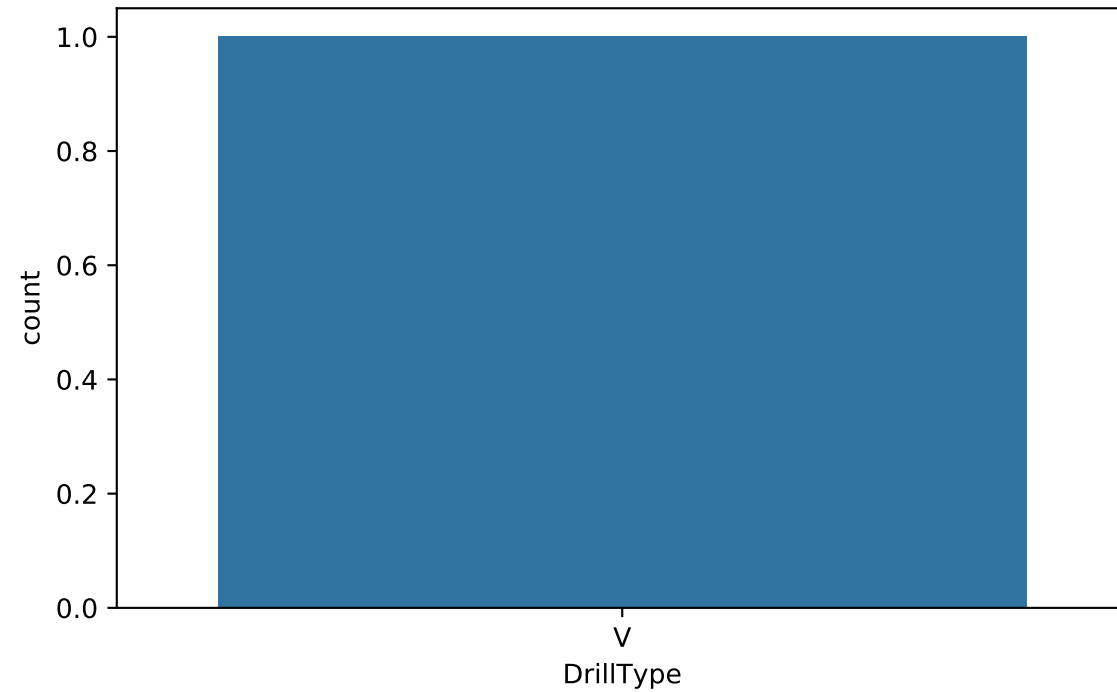
## Permits by Well Status



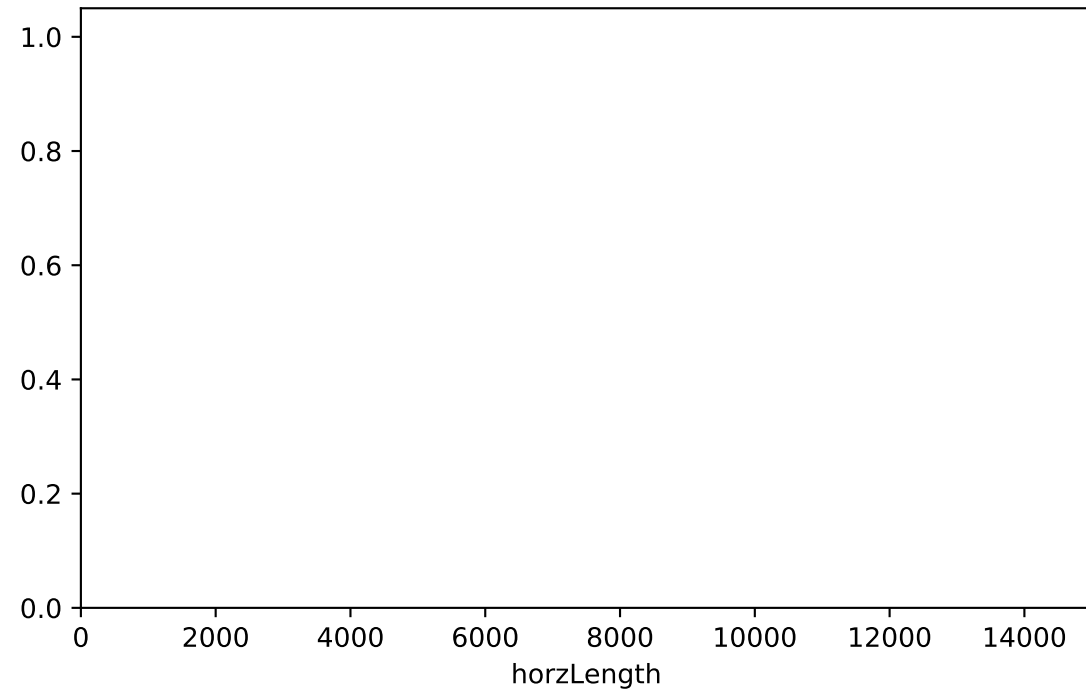
## Permits by Operator



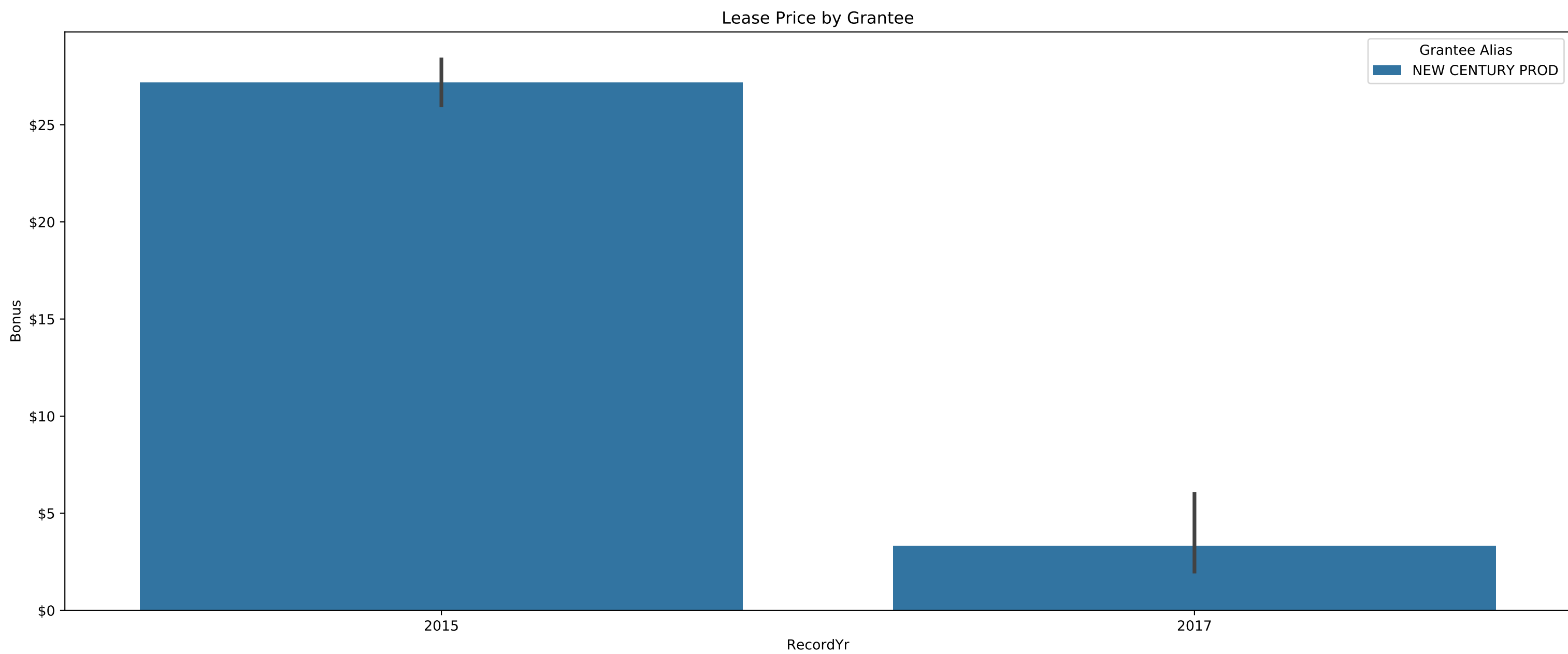
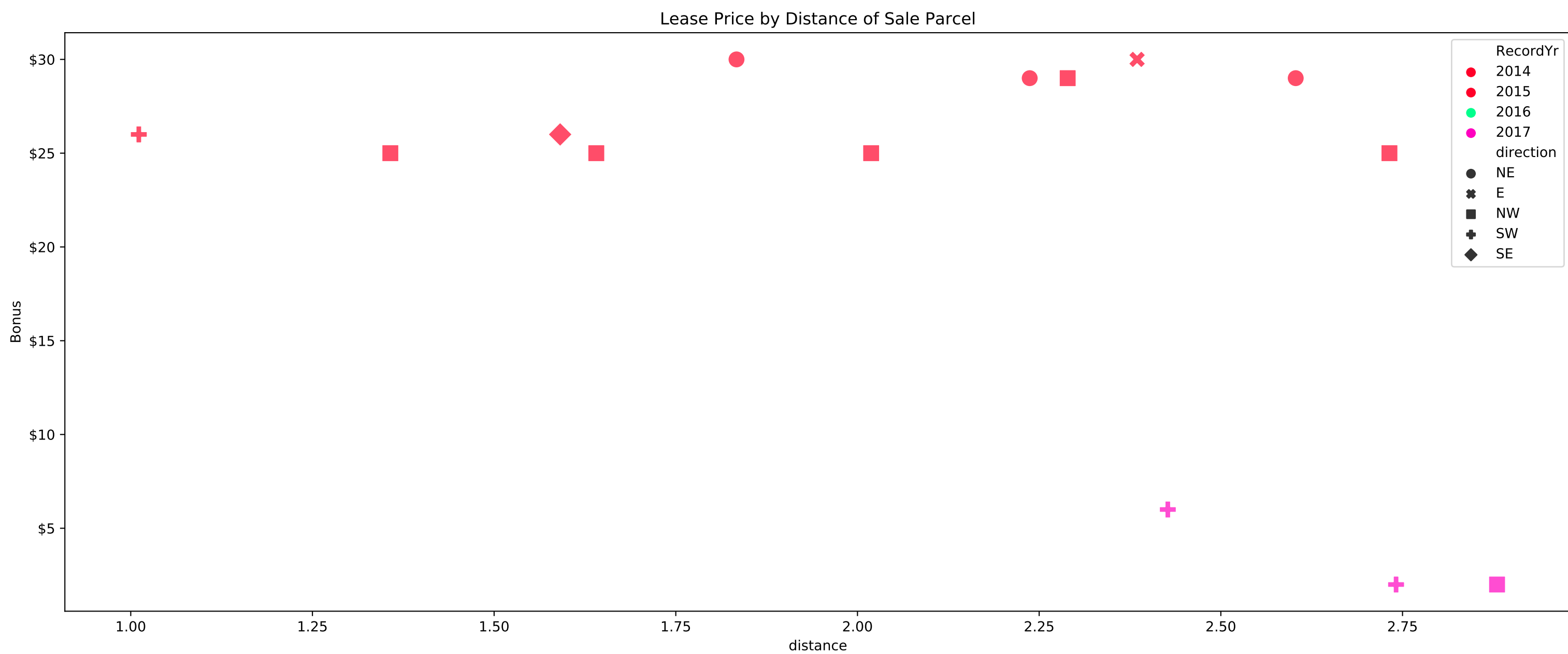
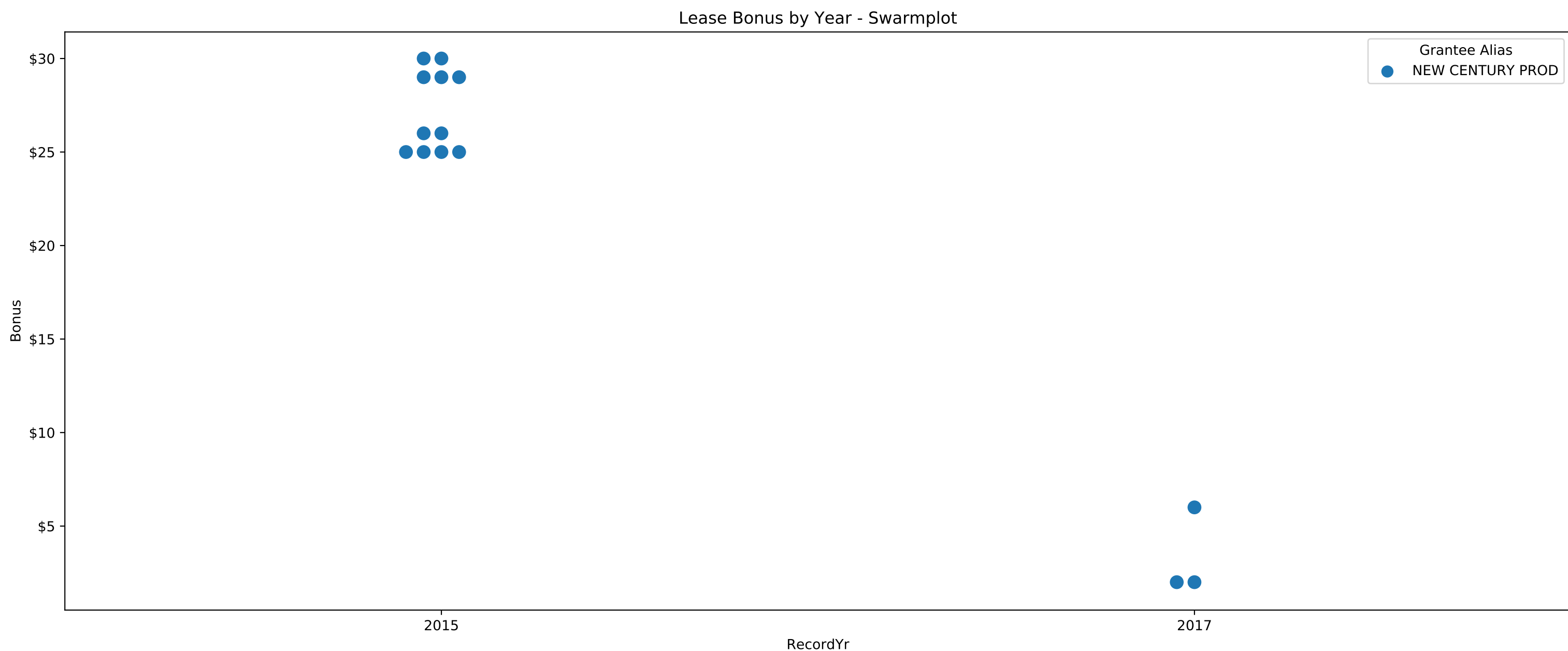
## Permits by Well Type (H,D,V)



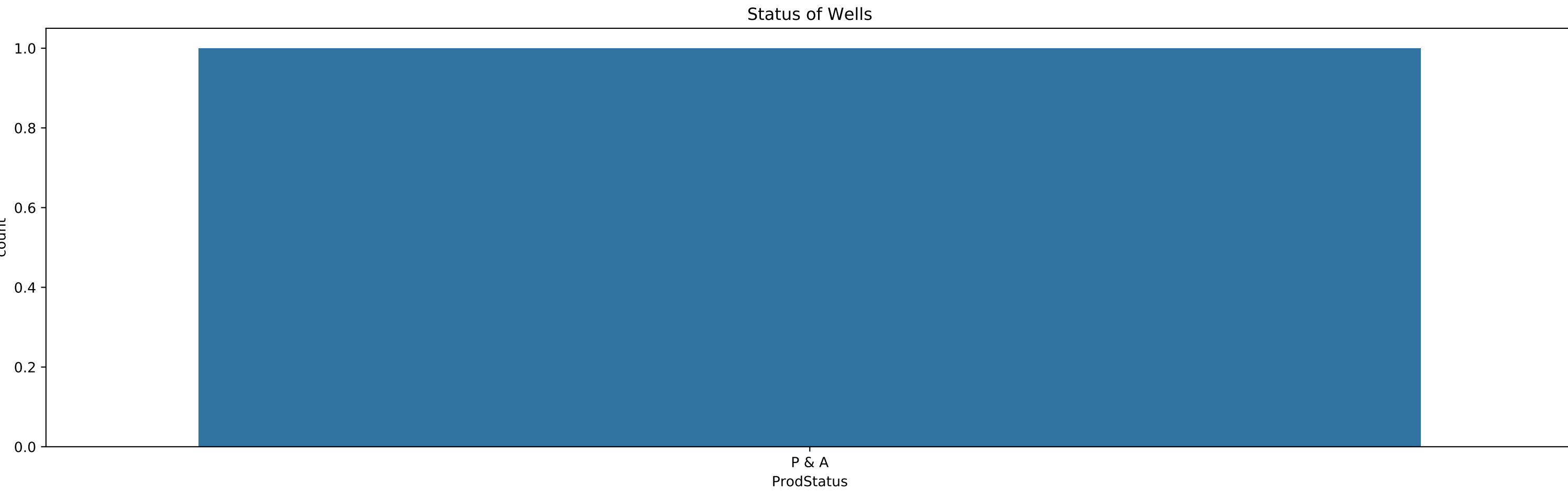
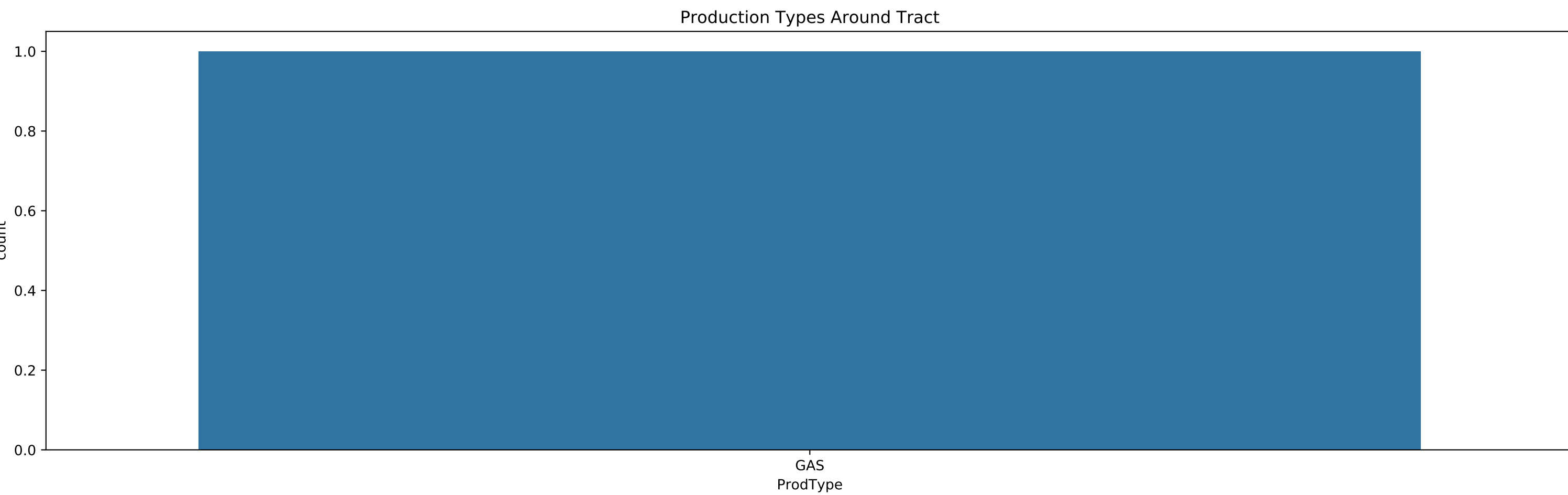
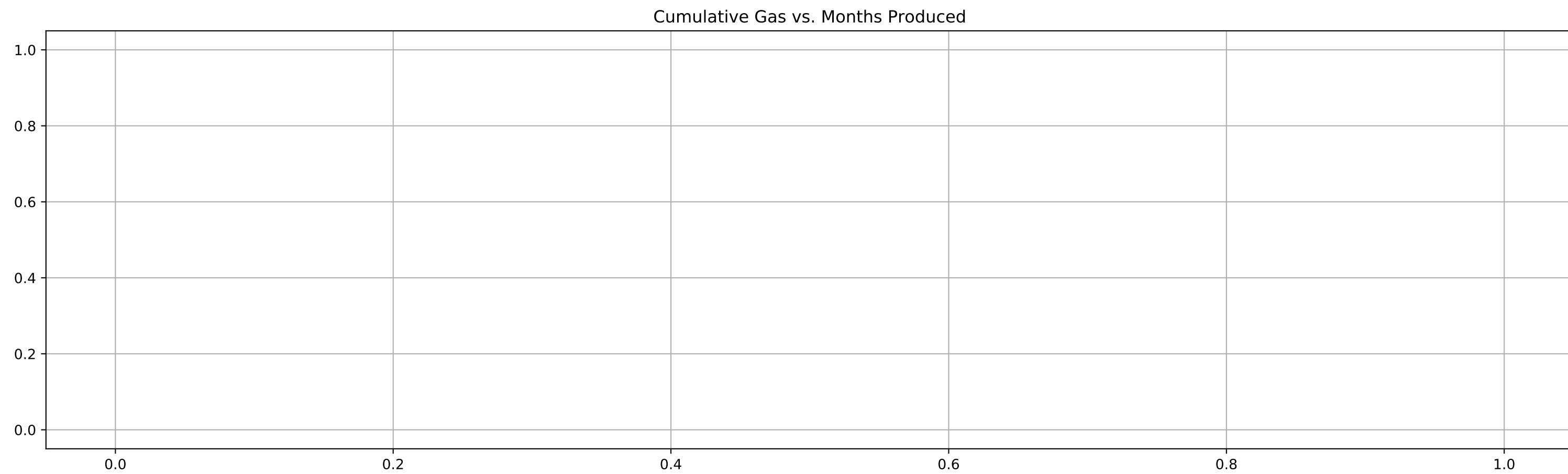
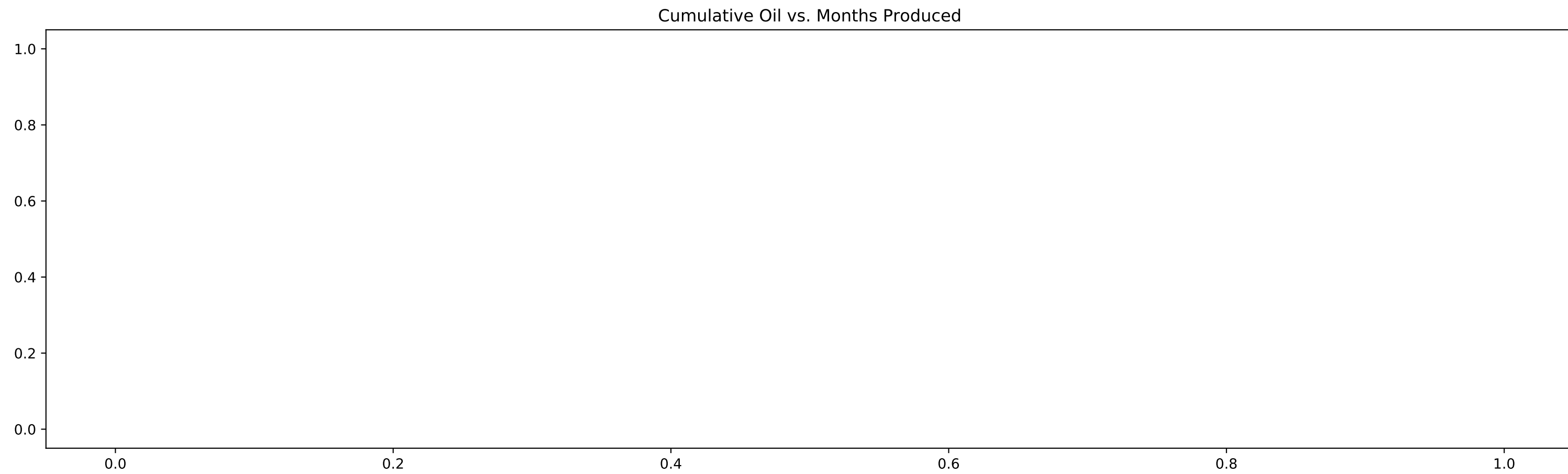
## Permit Horizontal Lengths - Binned



Lease Summary for tract 84  
Total Number of Leases: 14  
Average Price \$3/acre in 2017

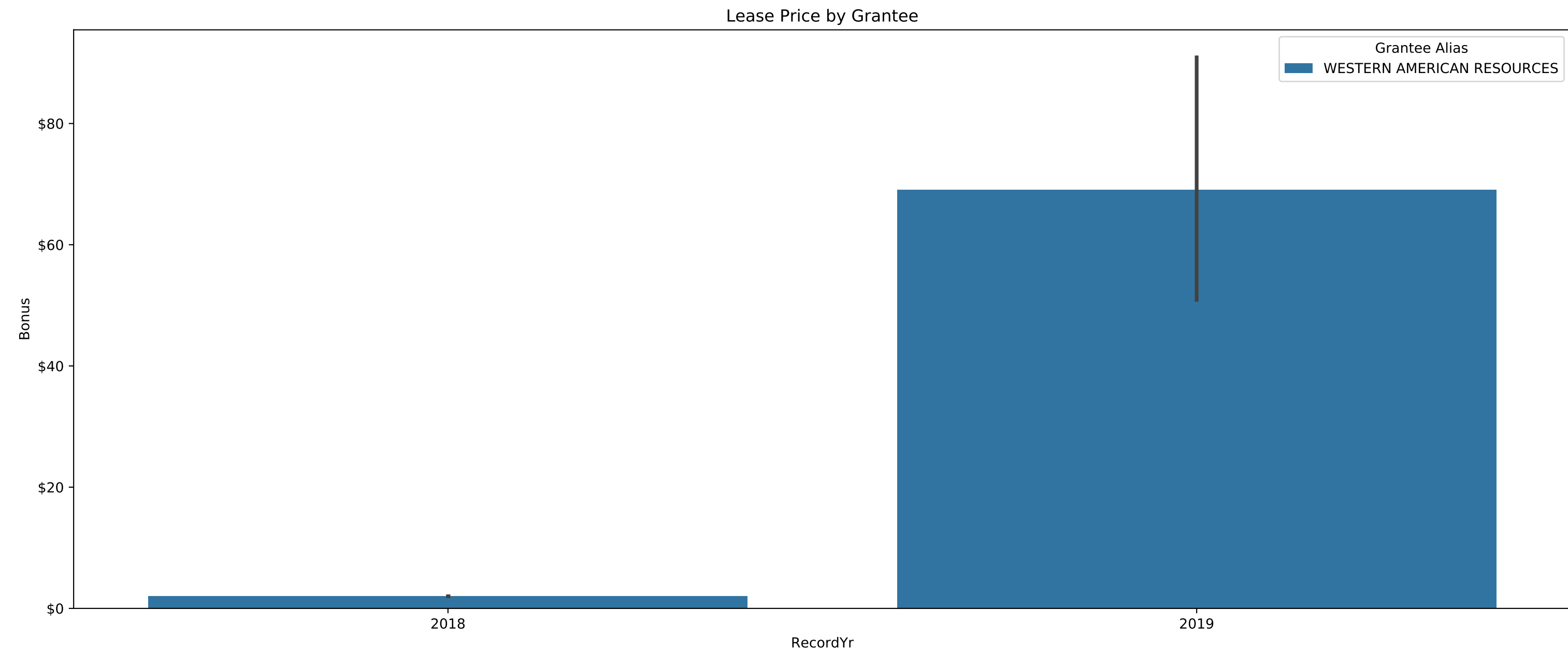
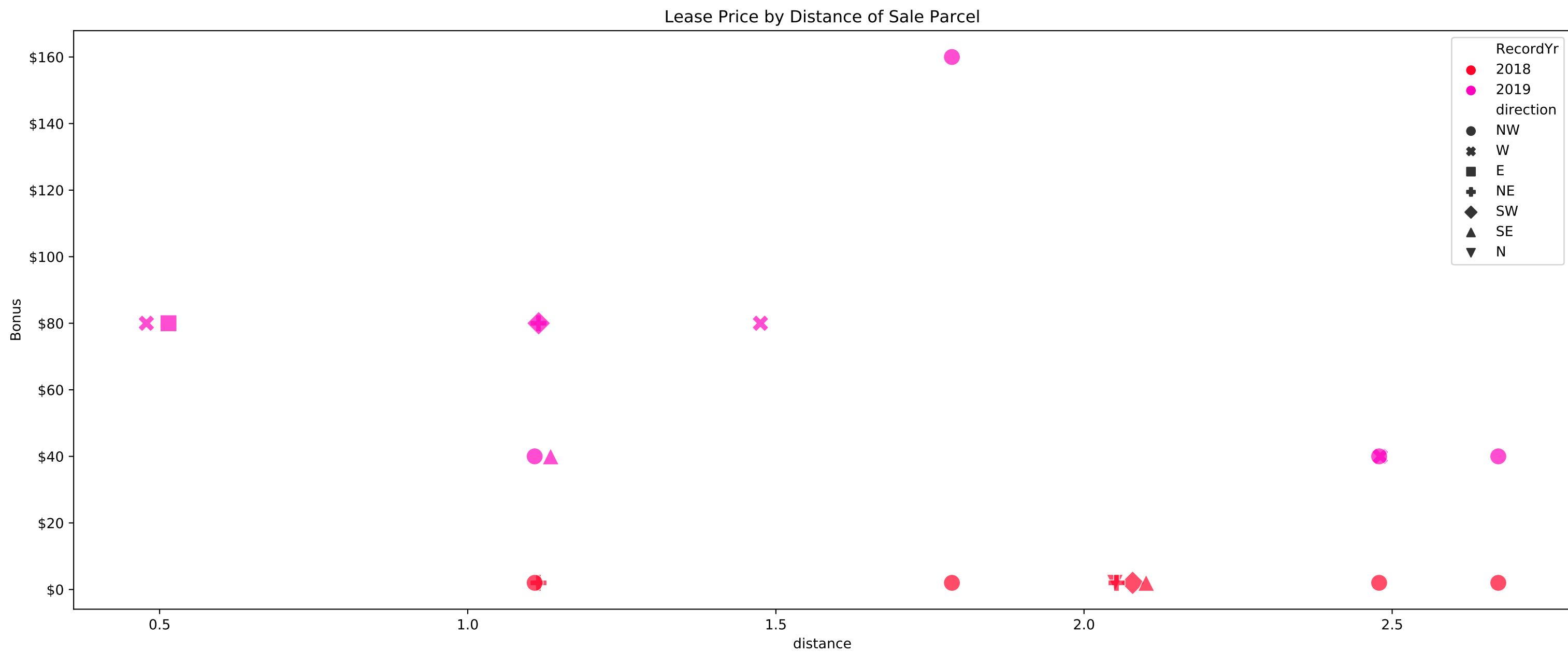
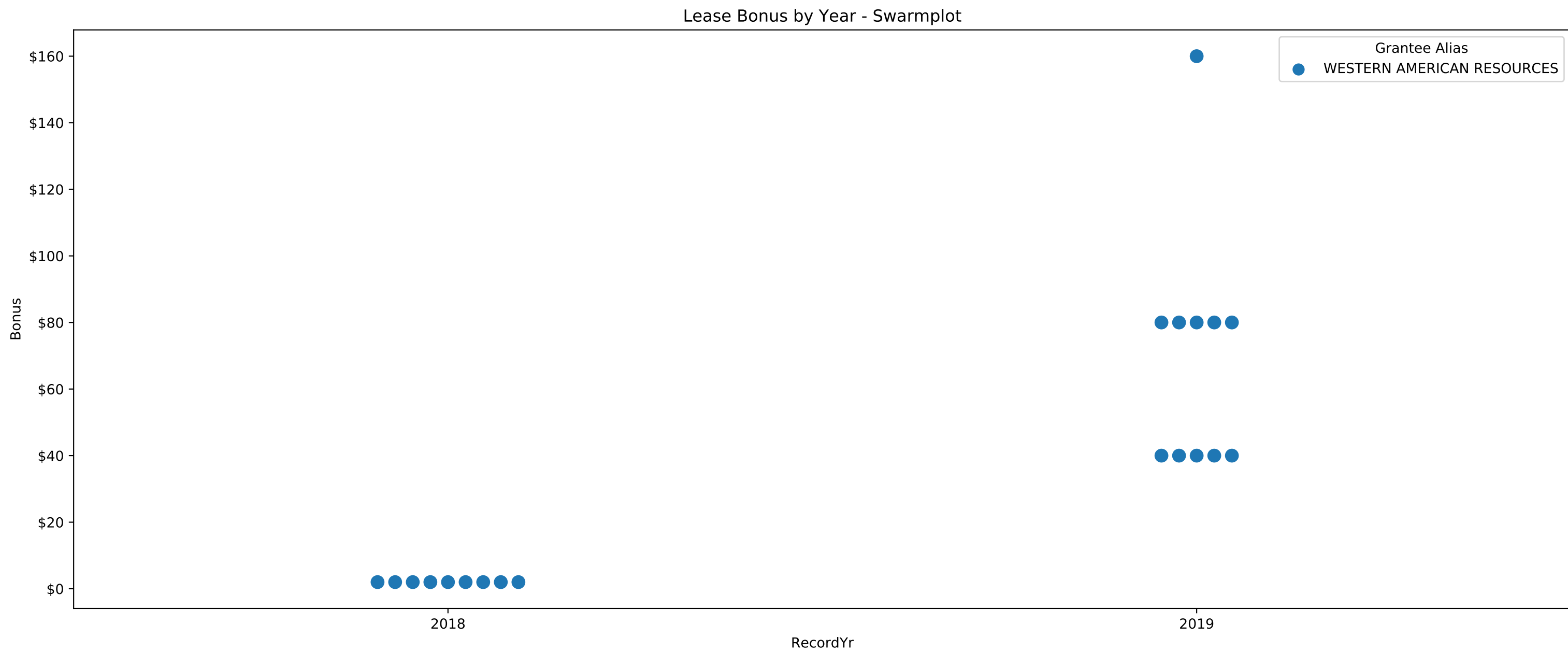


# Old Production Outside of Tract 84 - 3 Mi Radius

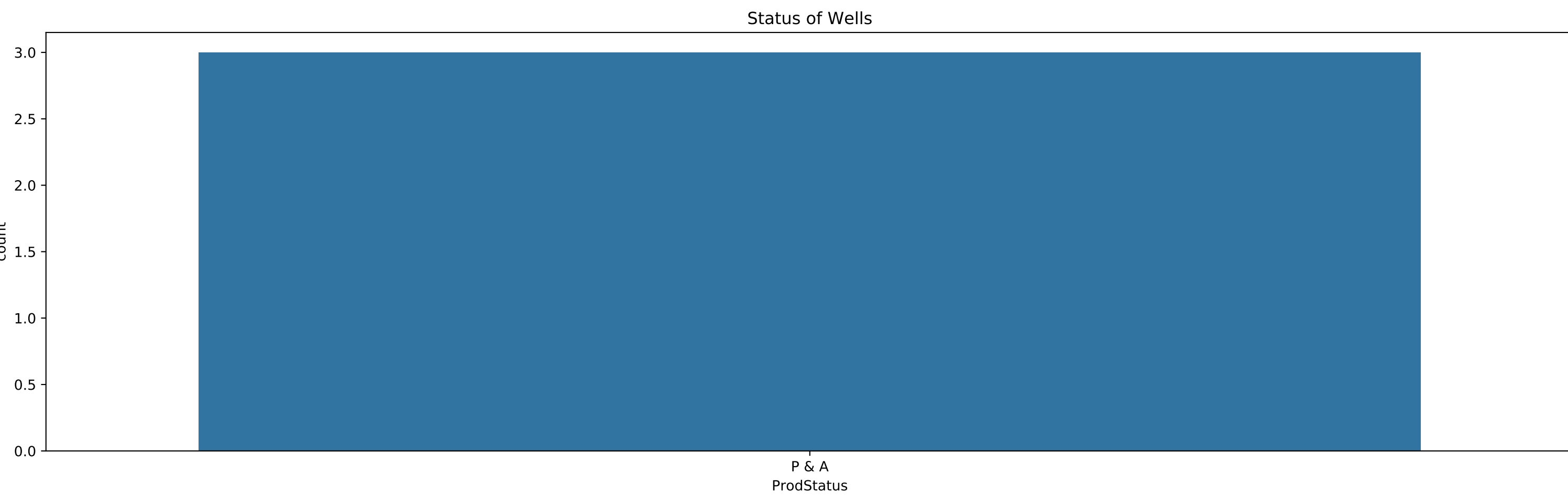
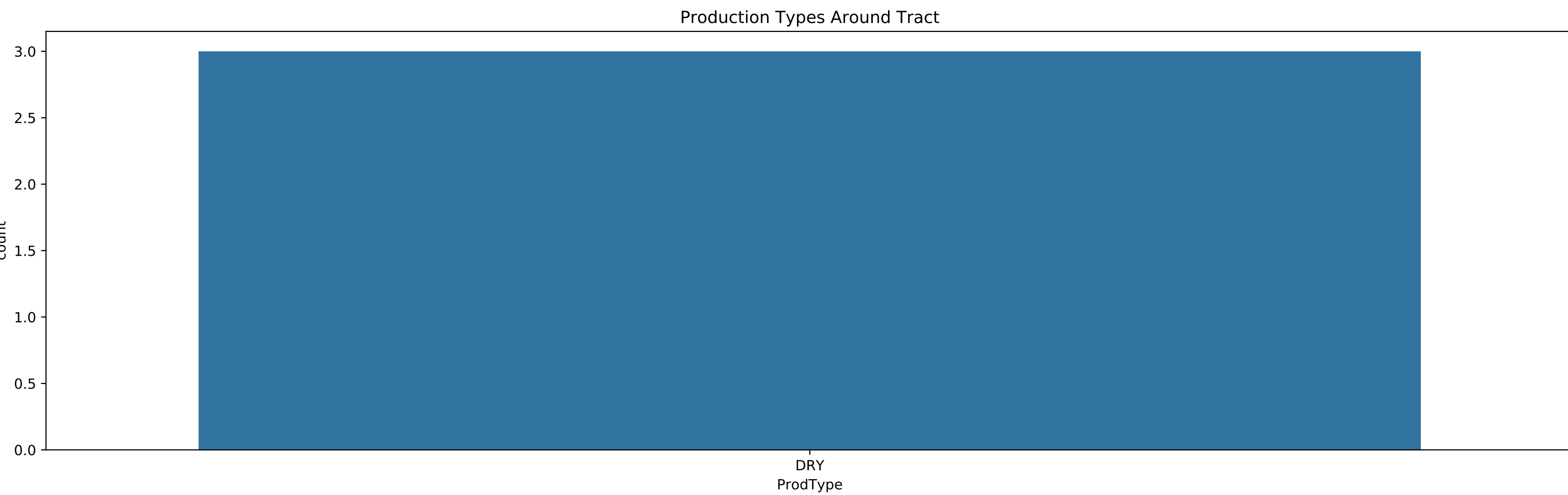
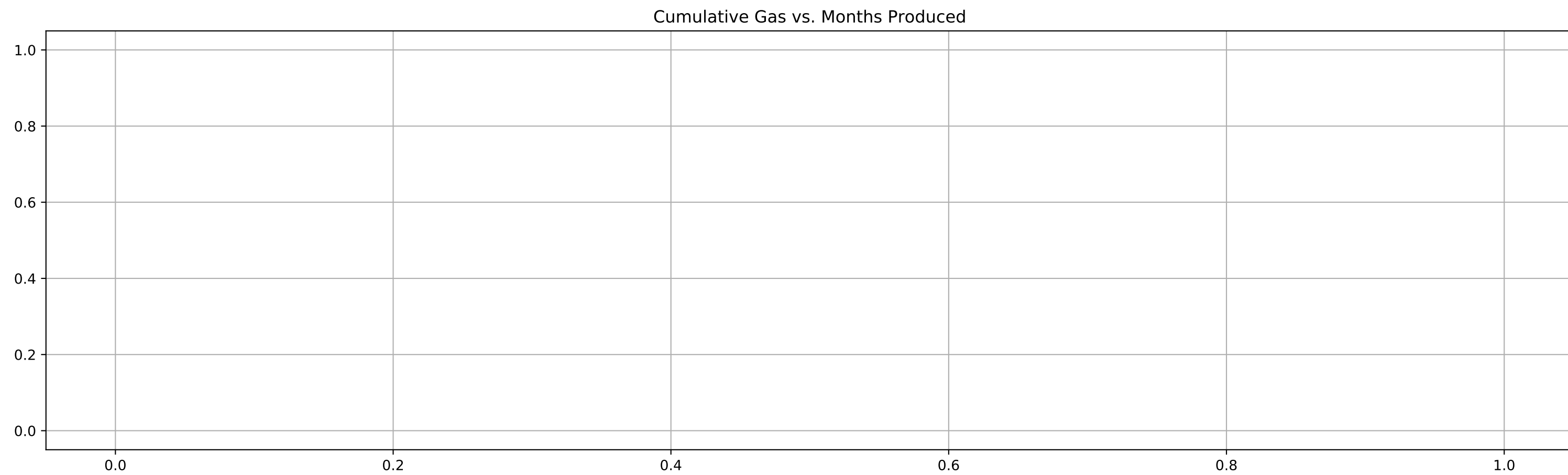
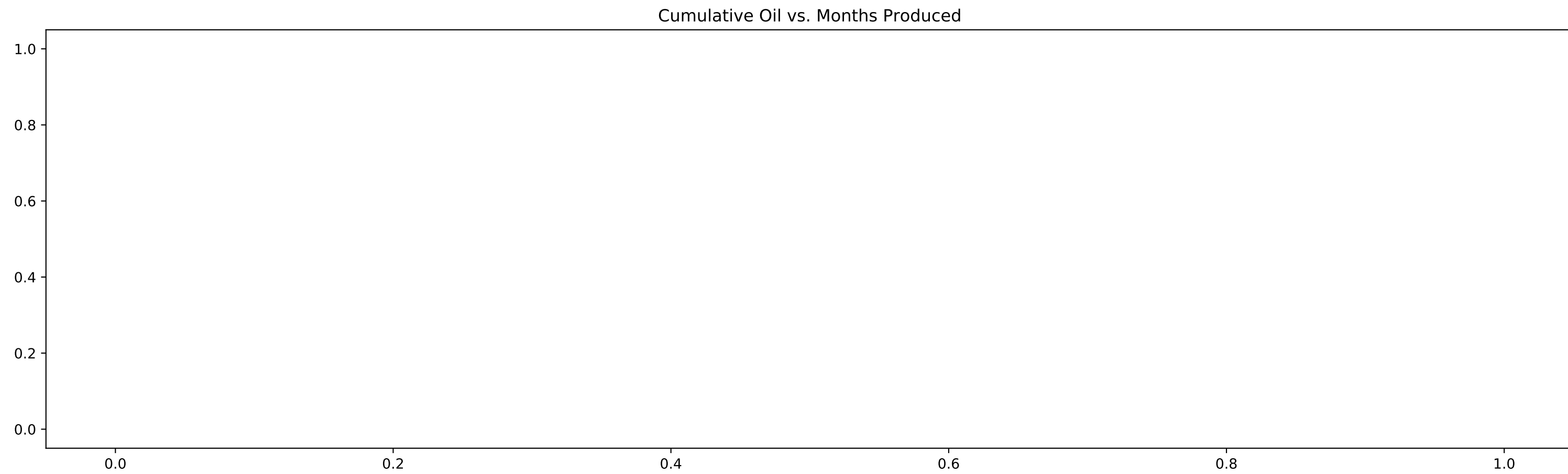




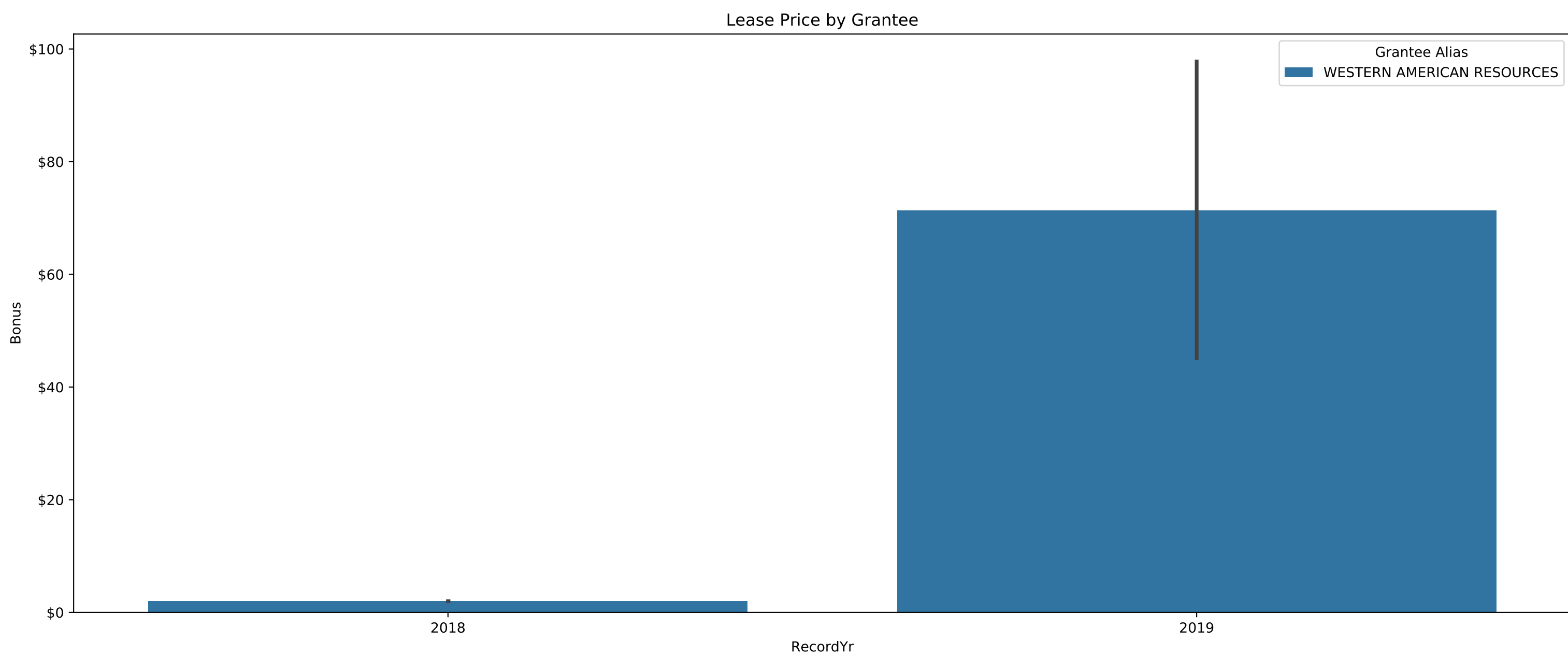
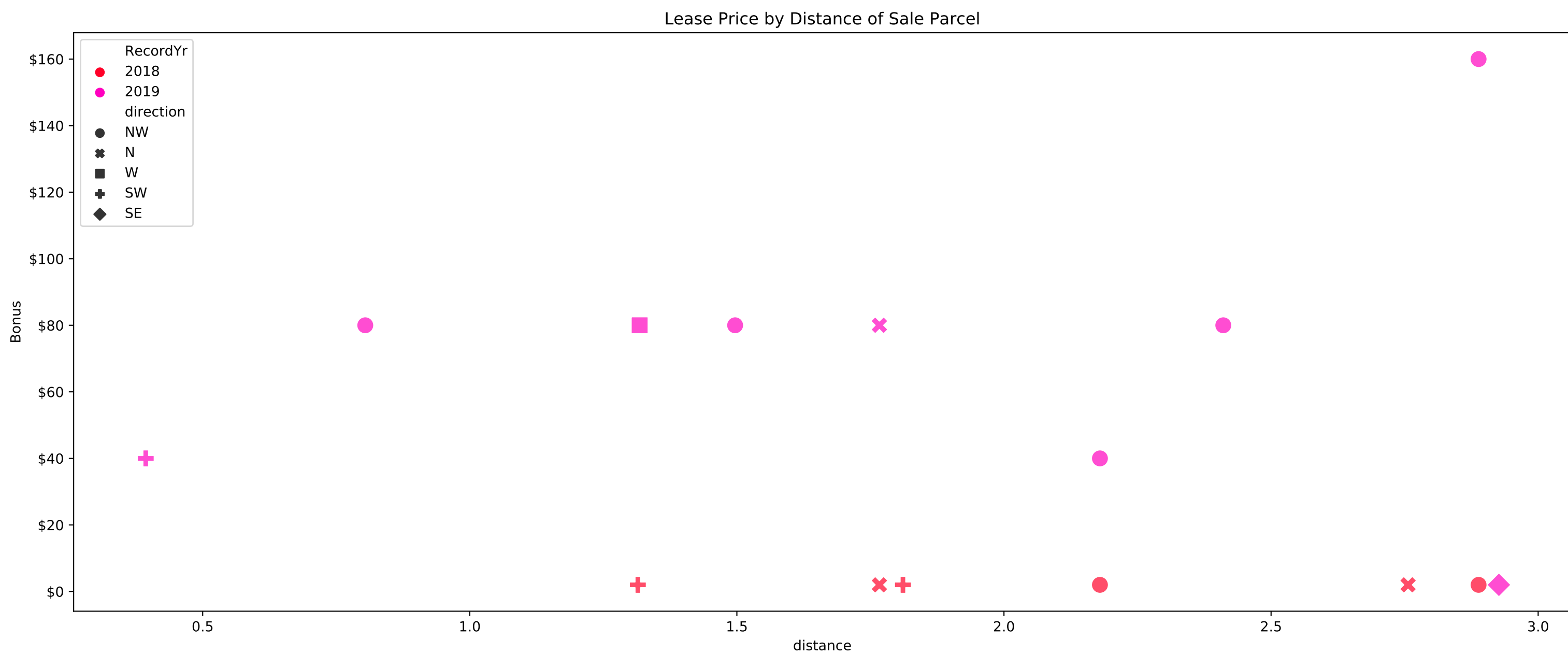
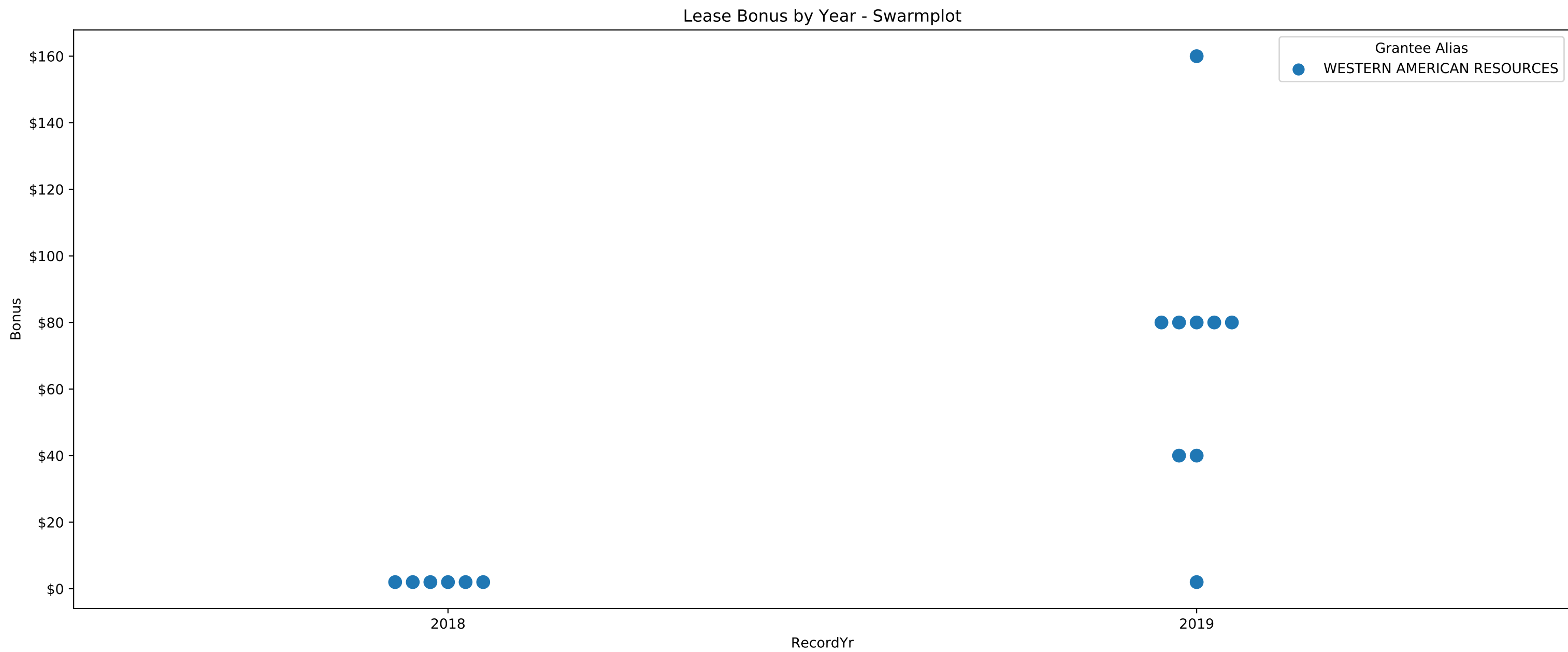
Lease Summary for tract 118  
Total Number of Leases: 20  
Average Price \$69/acre in 2019



# Old Production Outside of Tract 118 - 3 Mi Radius

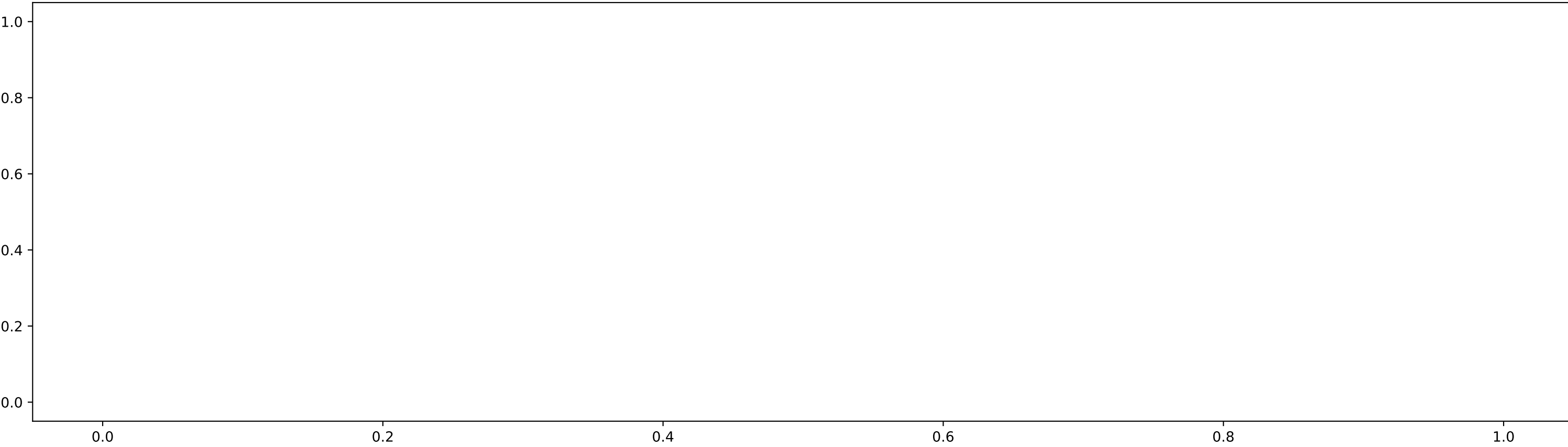


Lease Summary for tract 88  
Total Number of Leases: 15  
Average Price \$71/acre in 2019

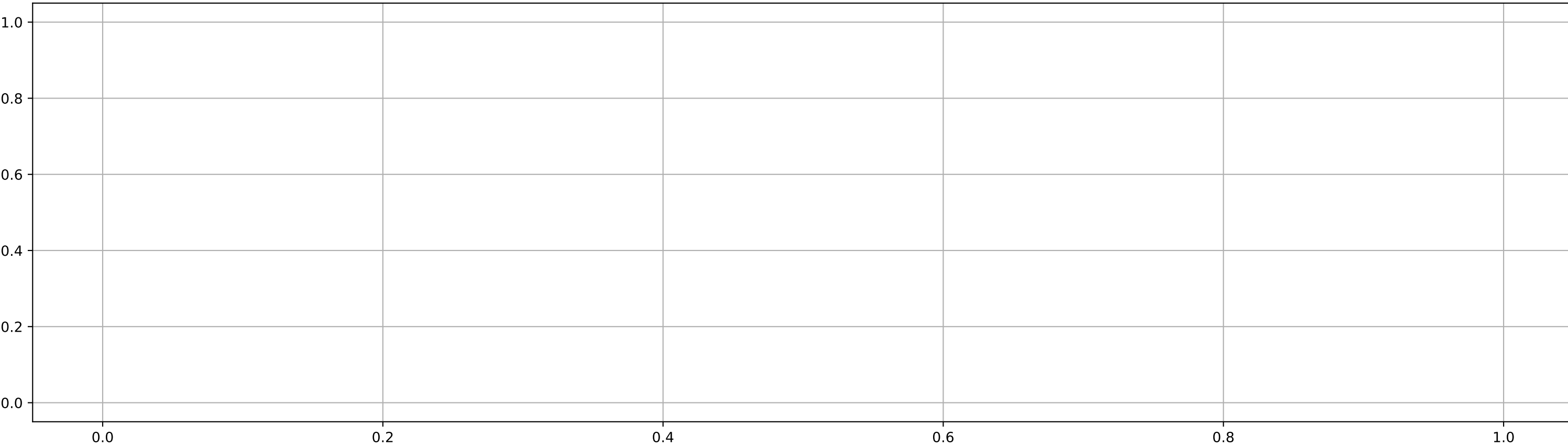


# Old Production Outside of Tract 88 - 3 Mi Radius

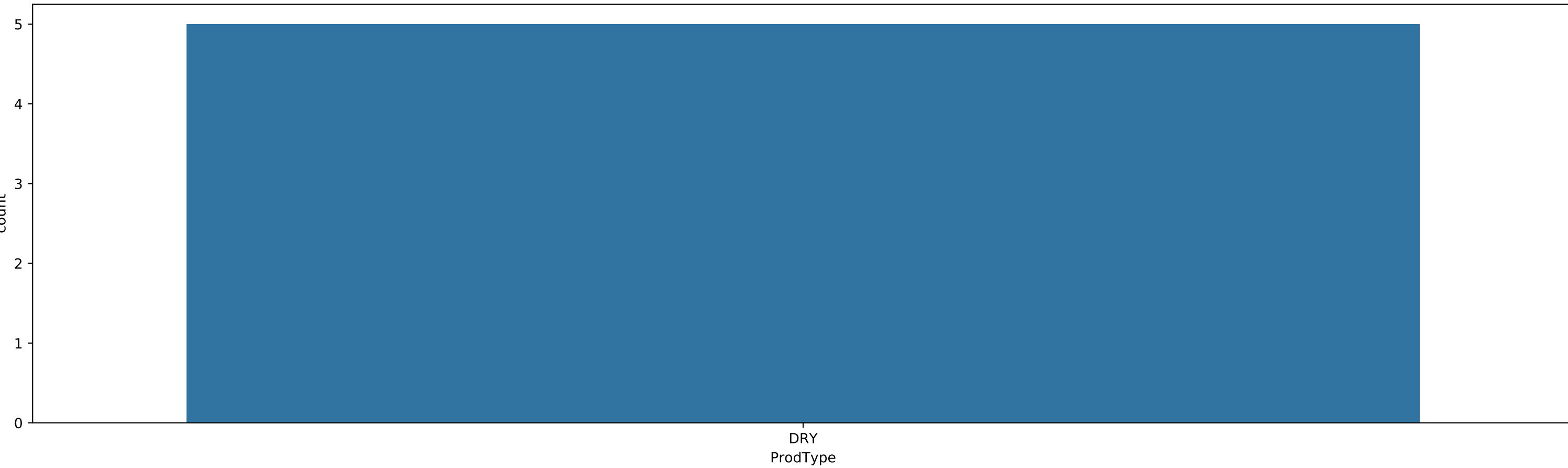
Cumulative Oil vs. Months Produced



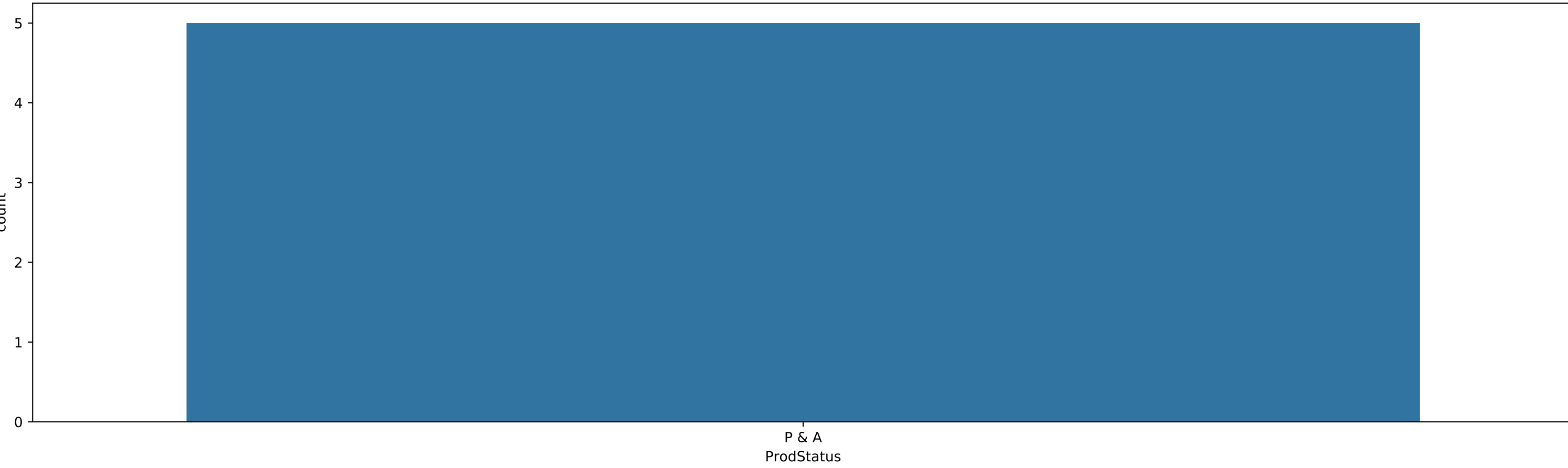
Cumulative Gas vs. Months Produced



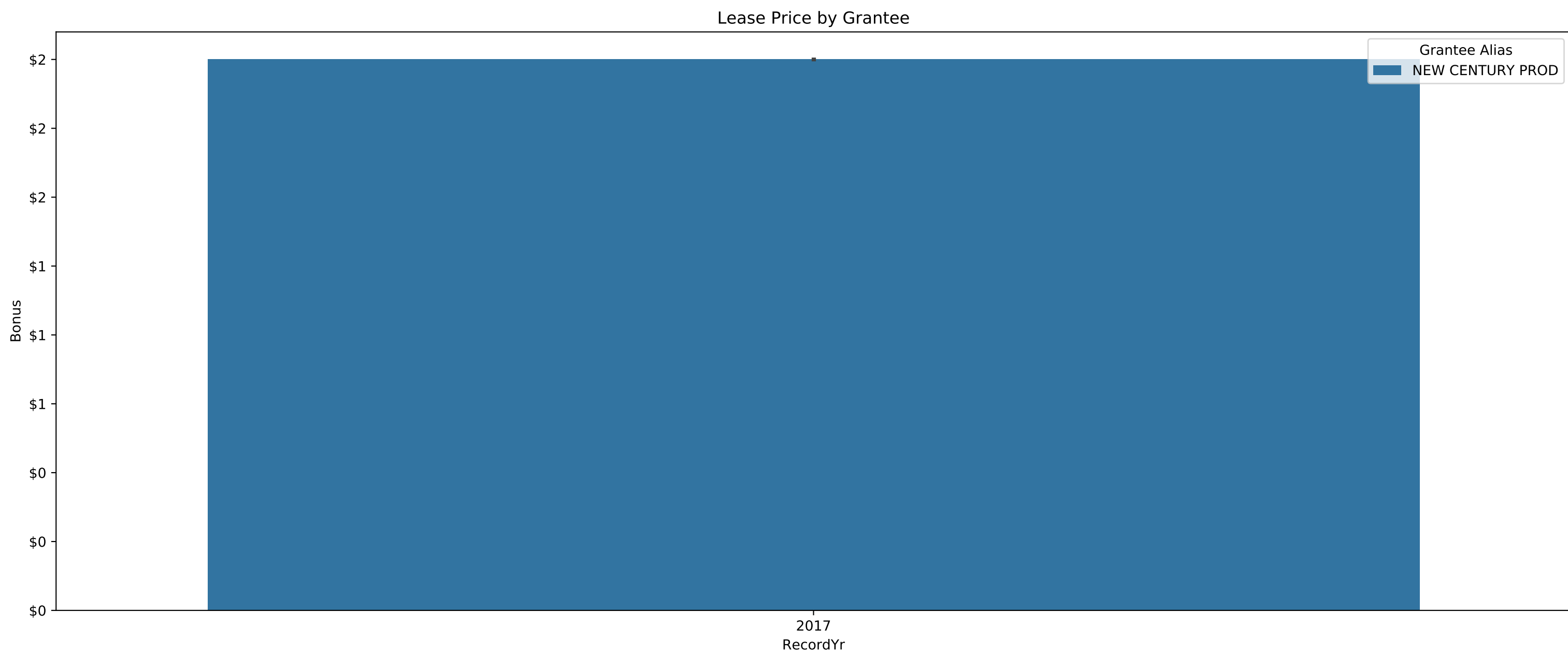
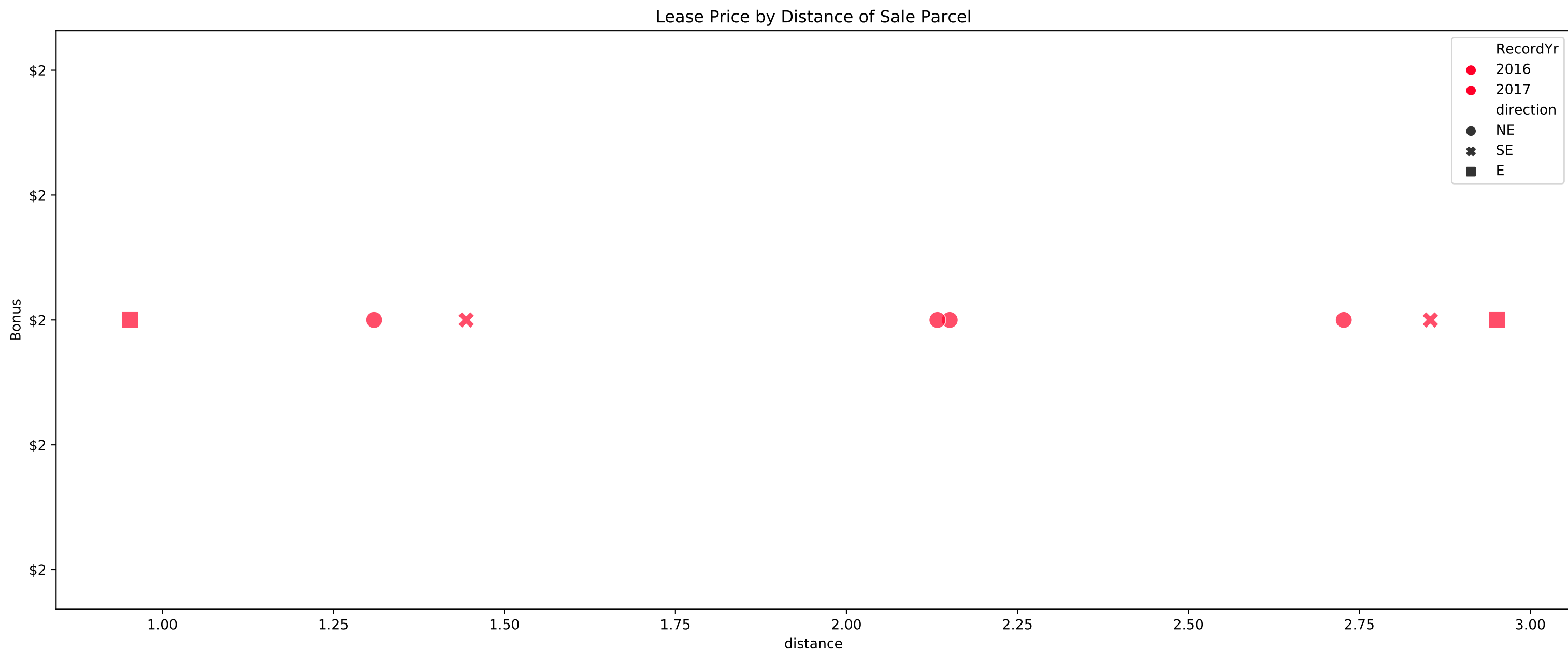
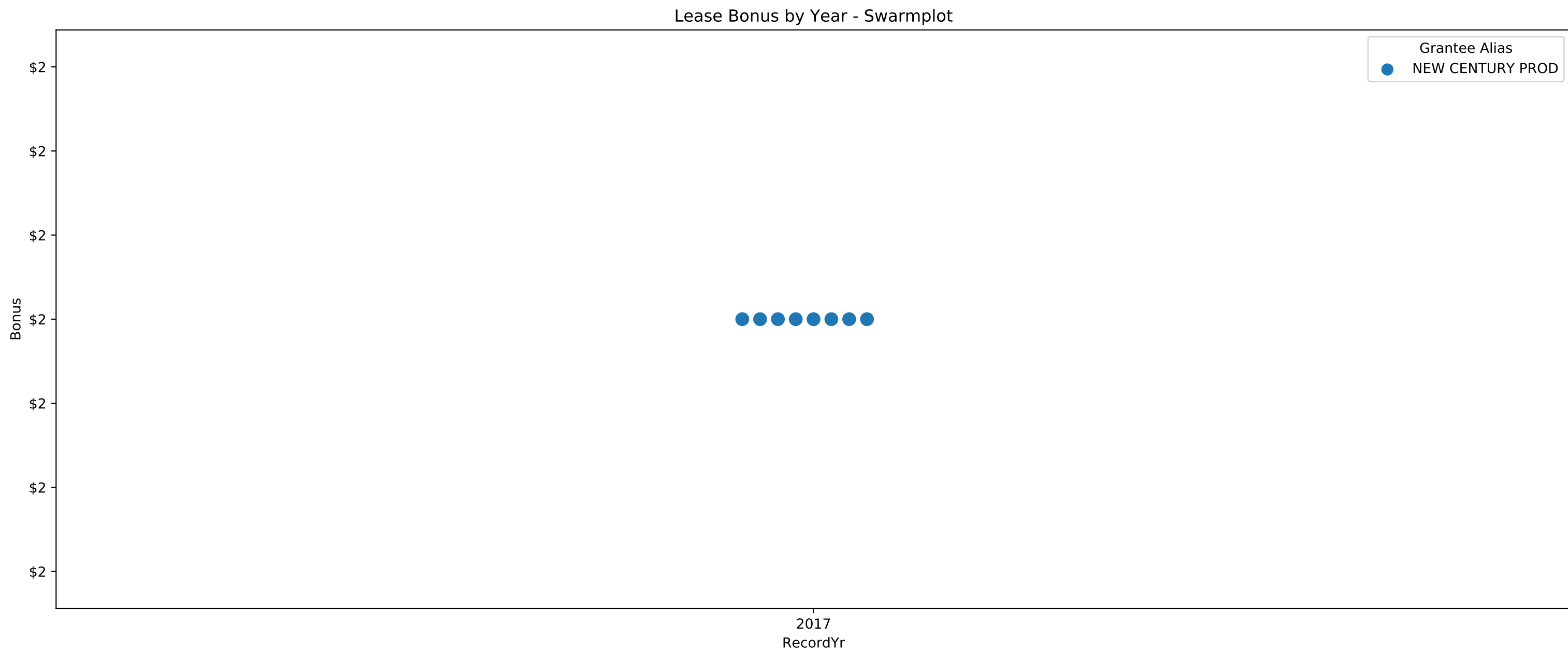
Production Types Around Tract



Status of Wells

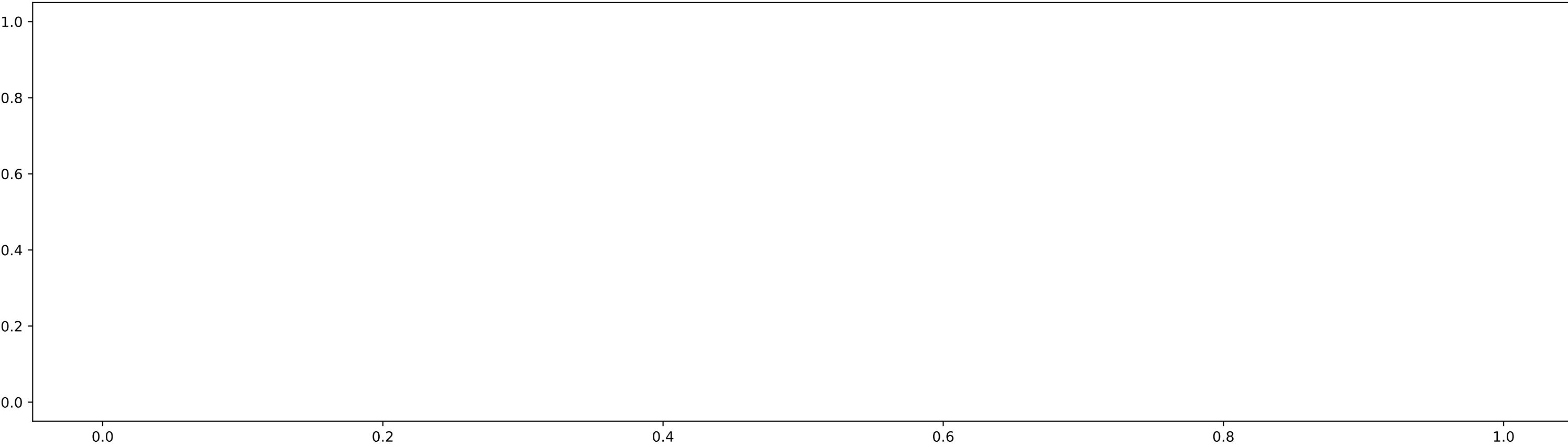


Lease Summary for tract 87  
Total Number of Leases: 8  
Average Price \$2/acre in 2017

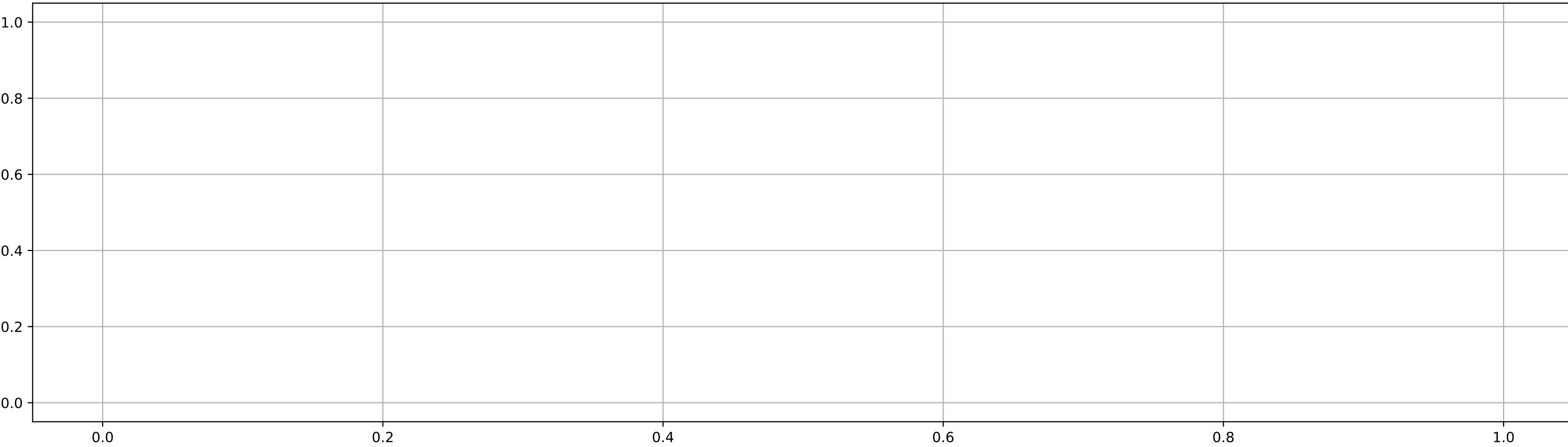


# Old Production Outside of Tract 87 - 3 Mi Radius

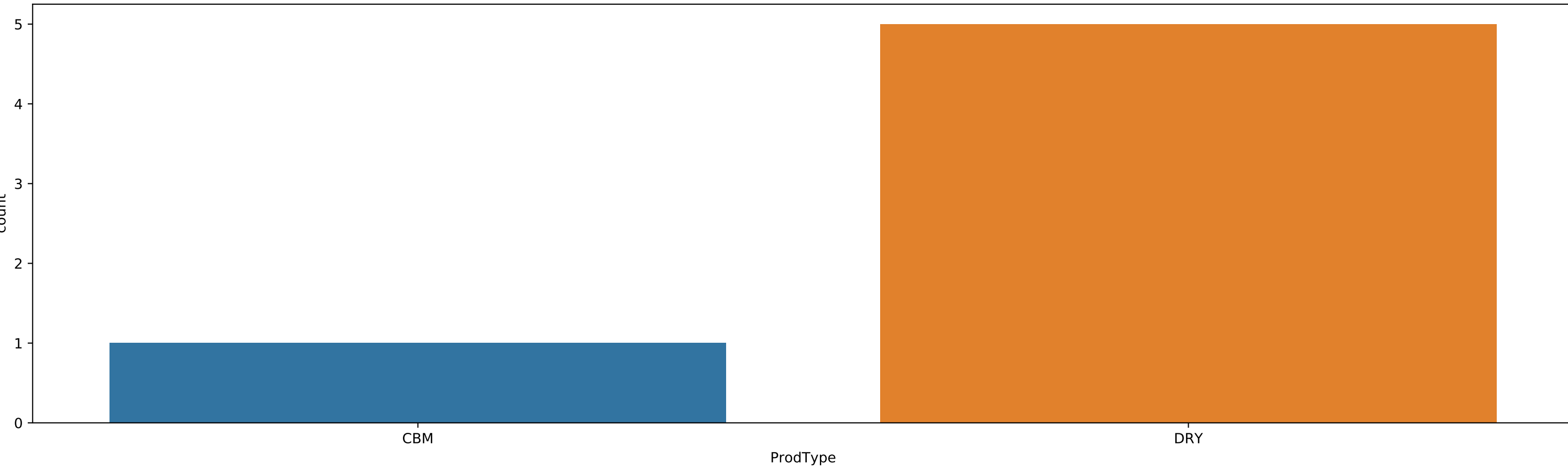
Cumulative Oil vs. Months Produced



Cumulative Gas vs. Months Produced



Production Types Around Tract



Status of Wells

