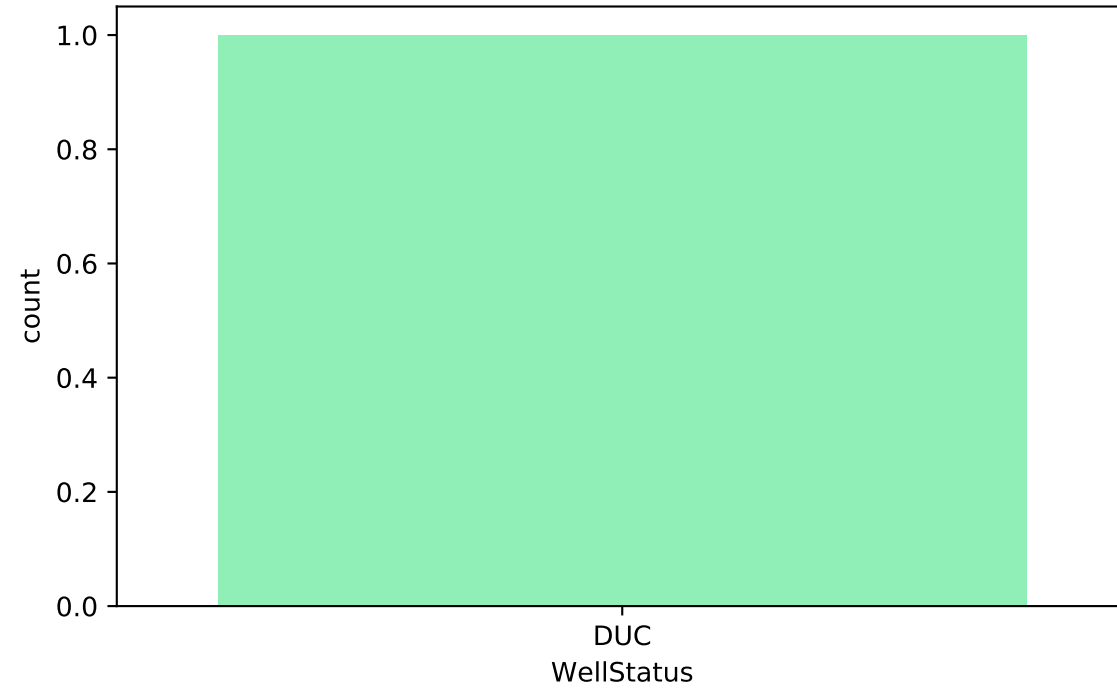


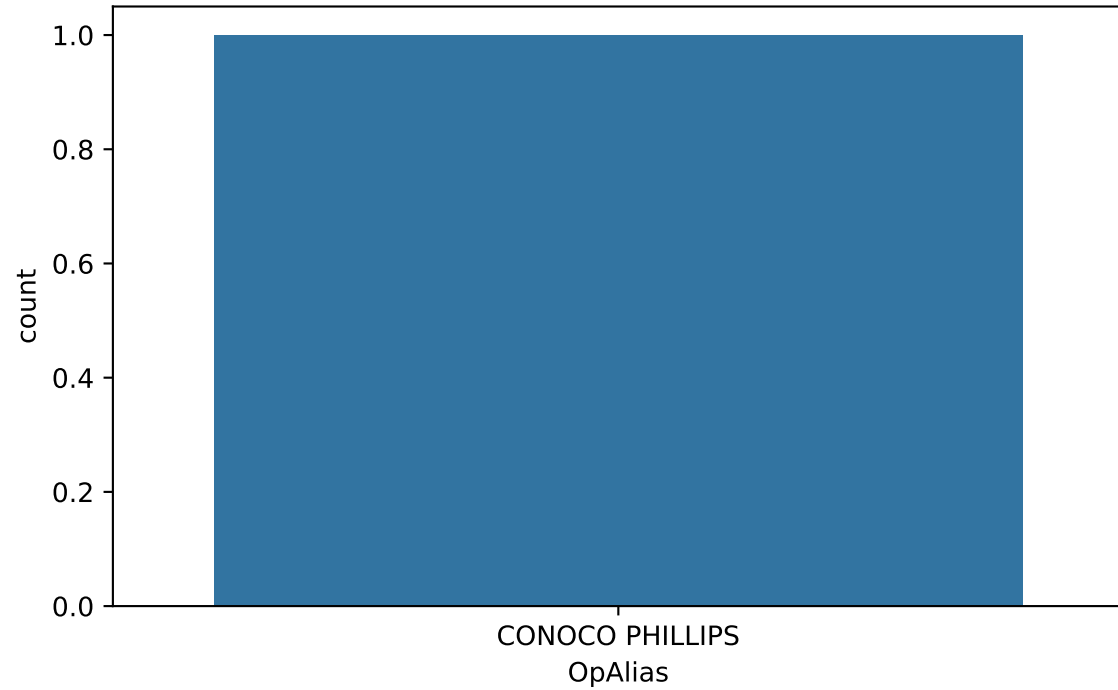
Permit Summary for Tract 84

Total permits: 1

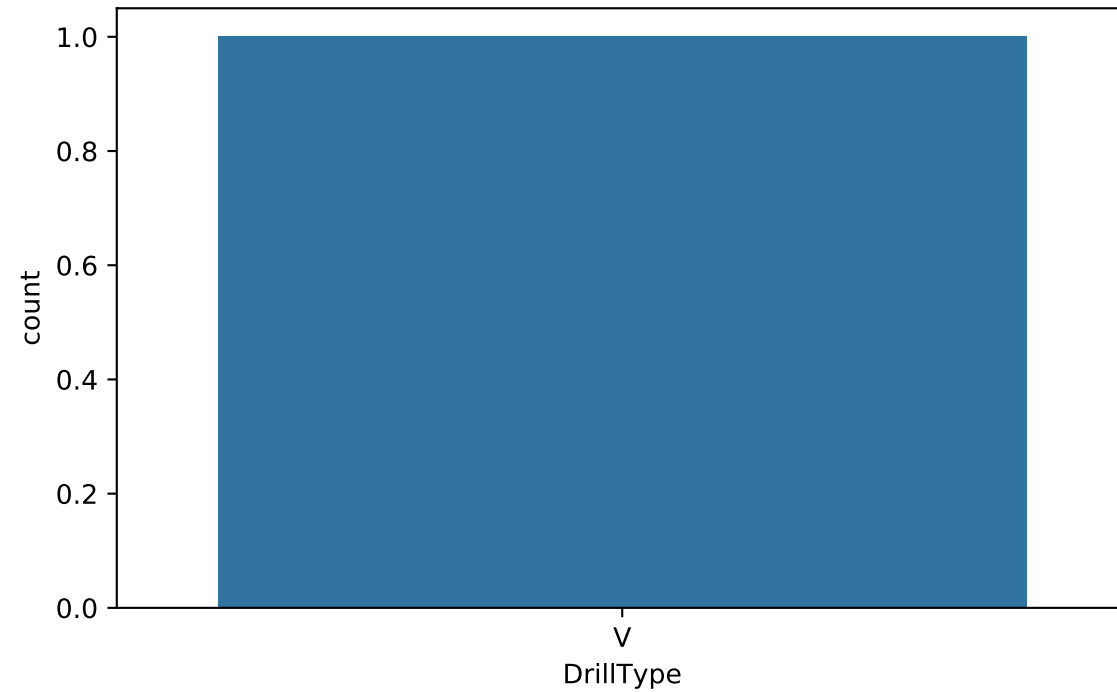
Permits by Well Status



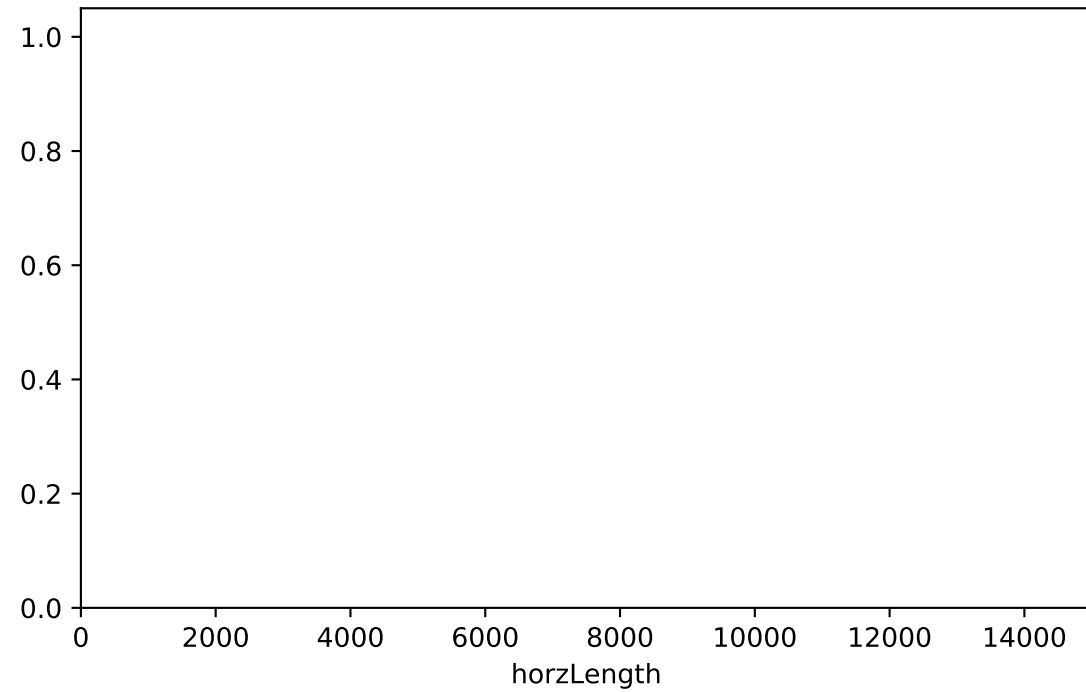
Permits by Operator



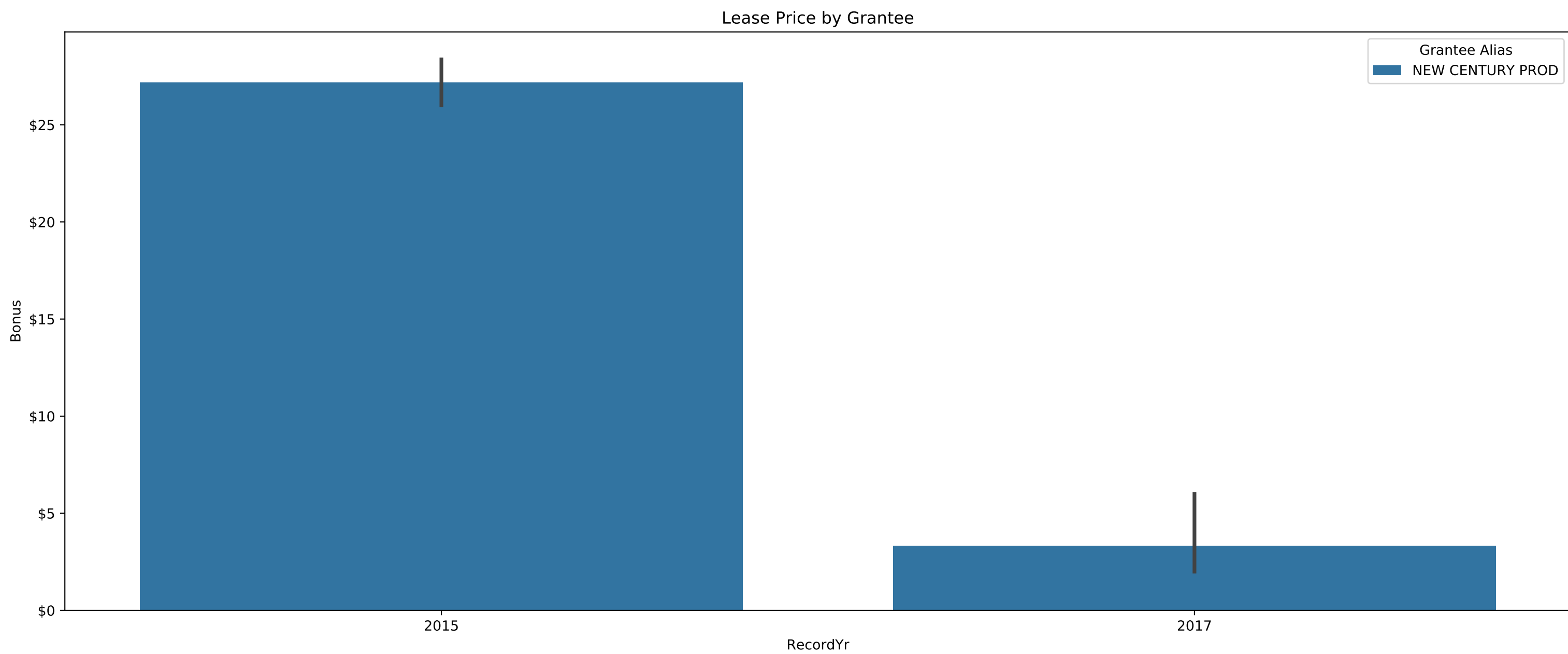
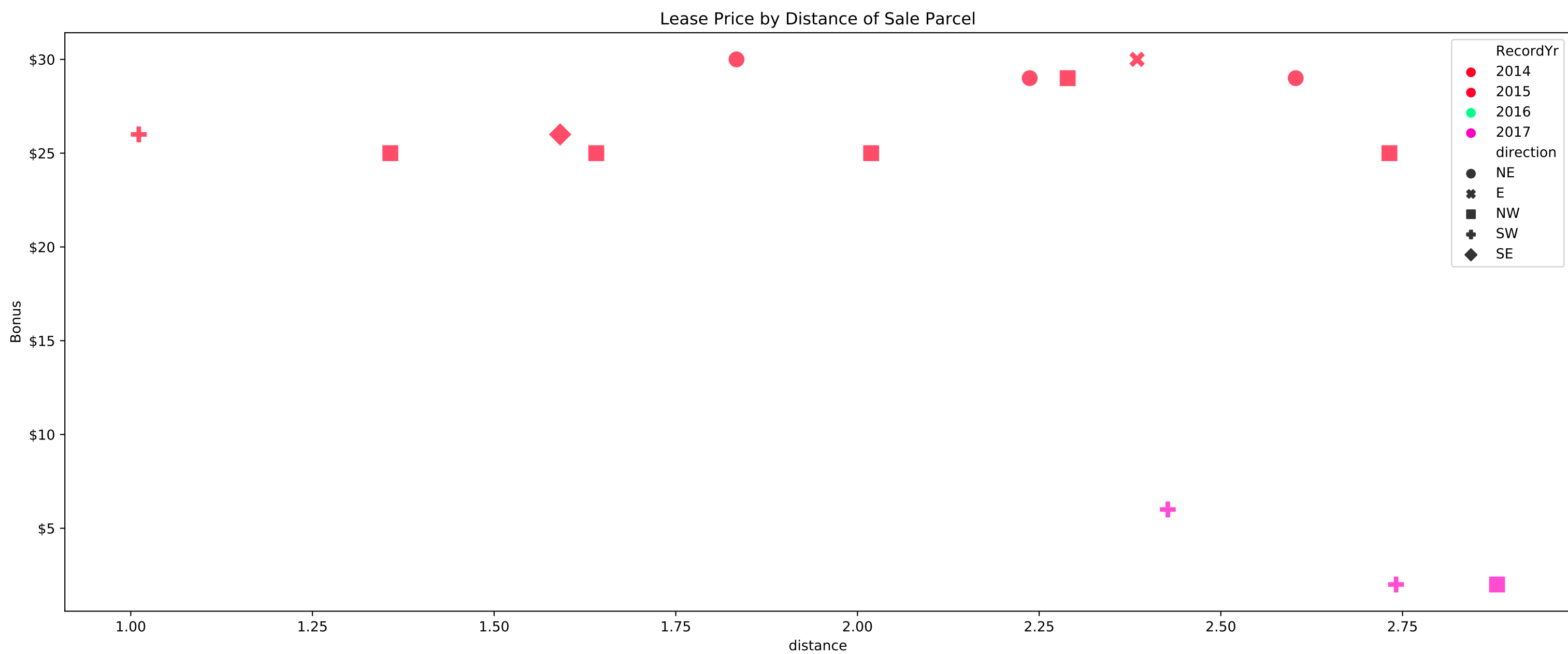
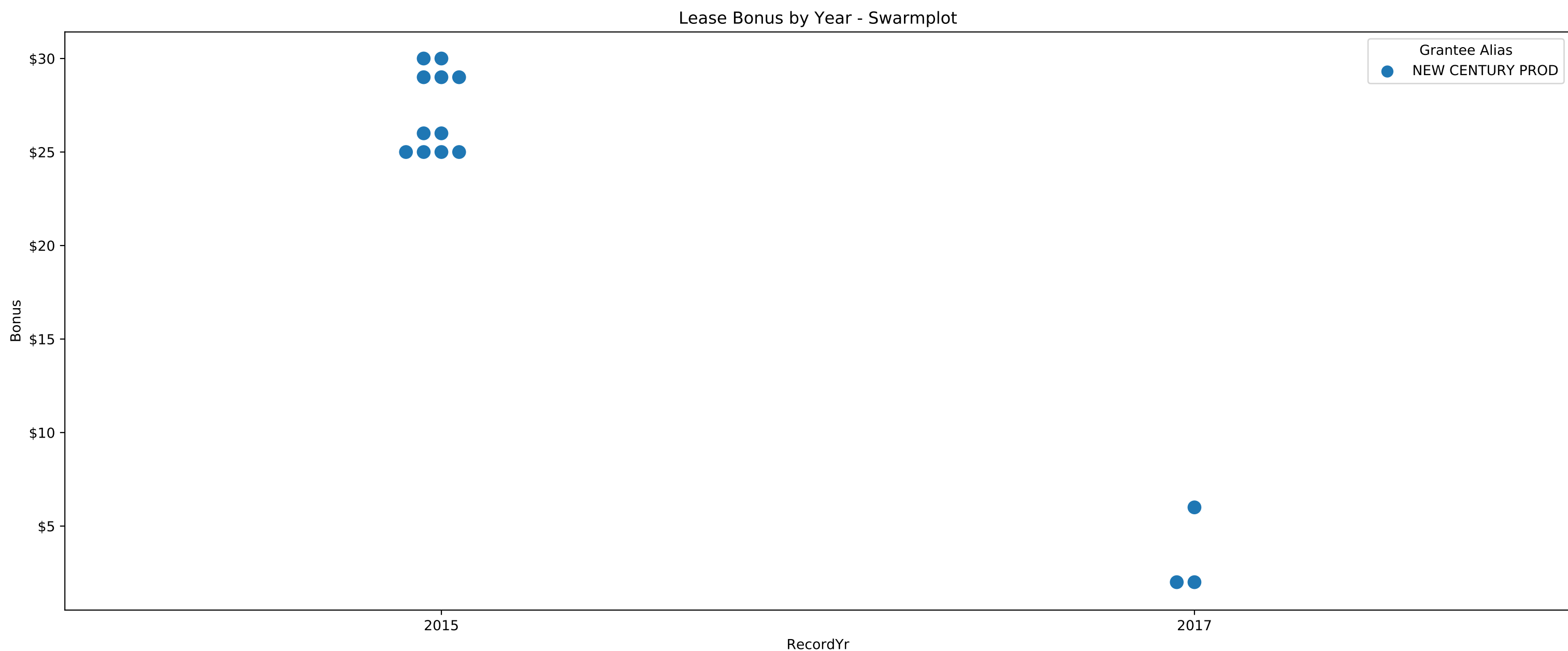
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned

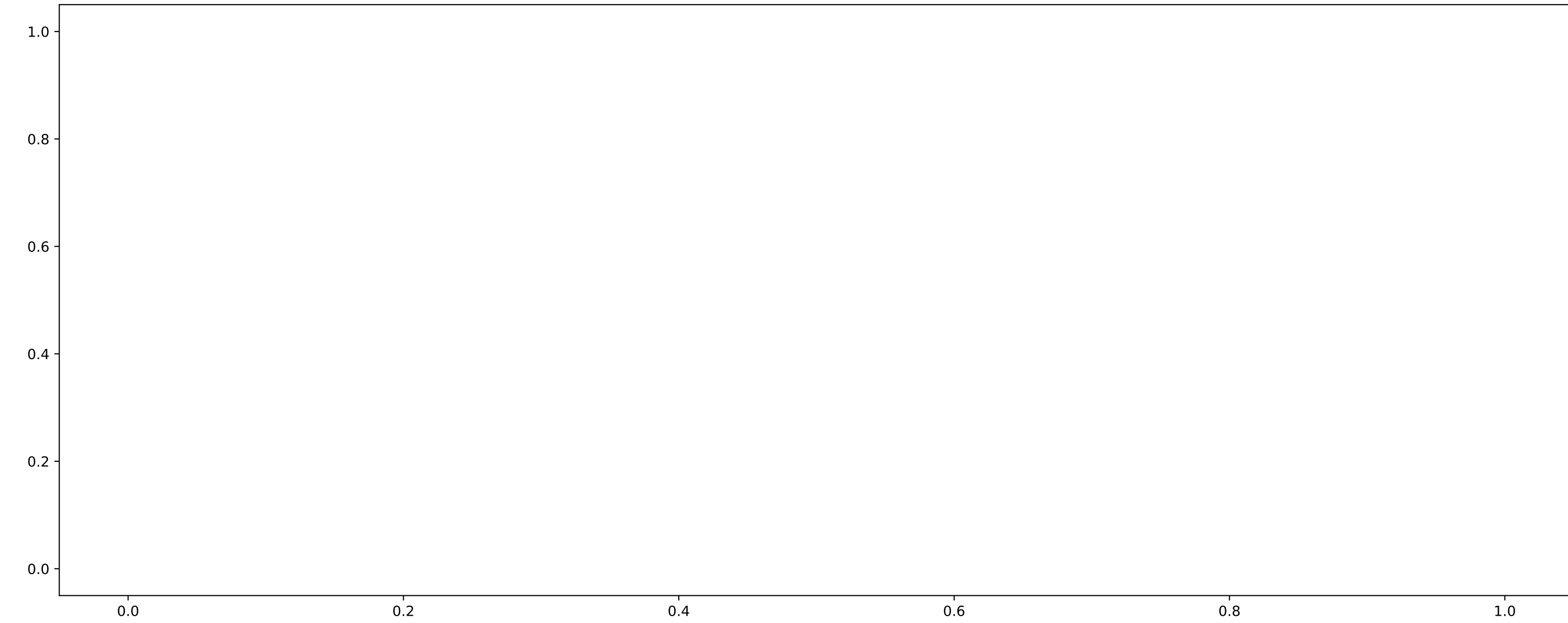


Lease Summary for tract 84
Total Number of Leases: 14
Average Price \$3/acre in 2017

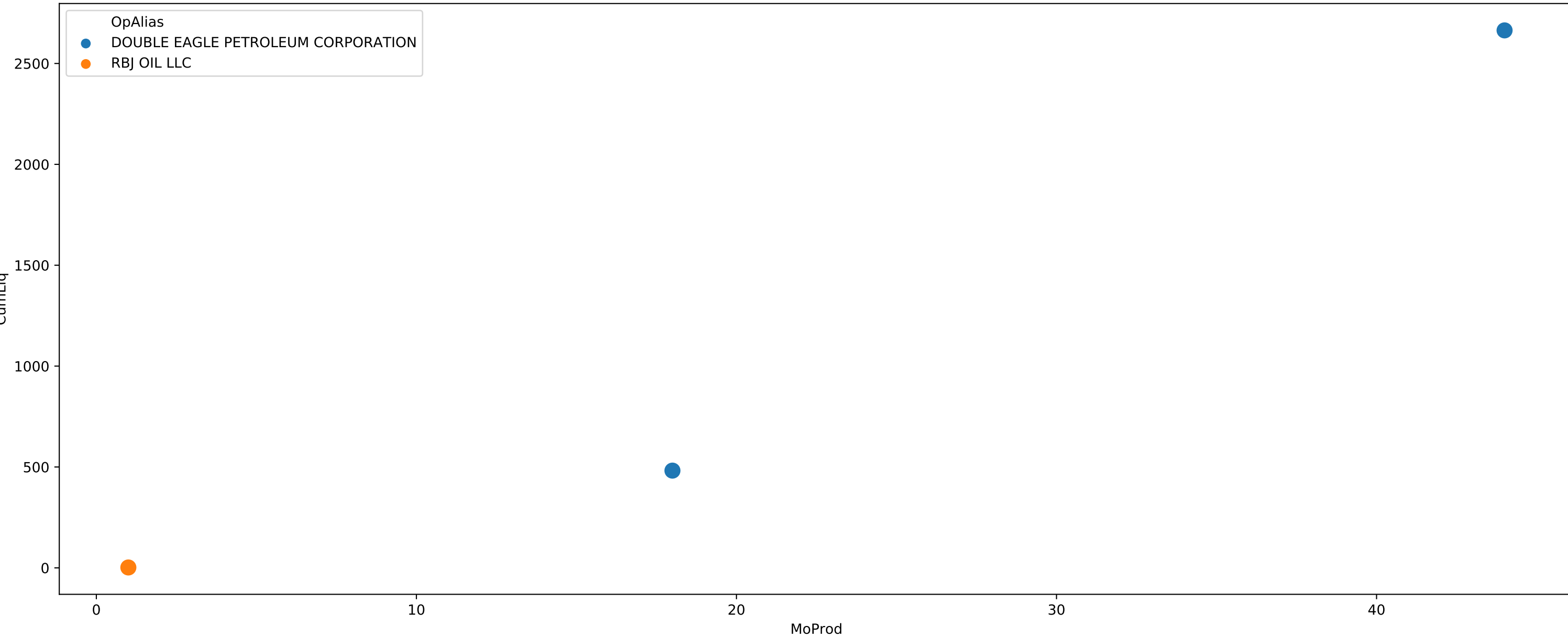


Production Dashboard for tract 2

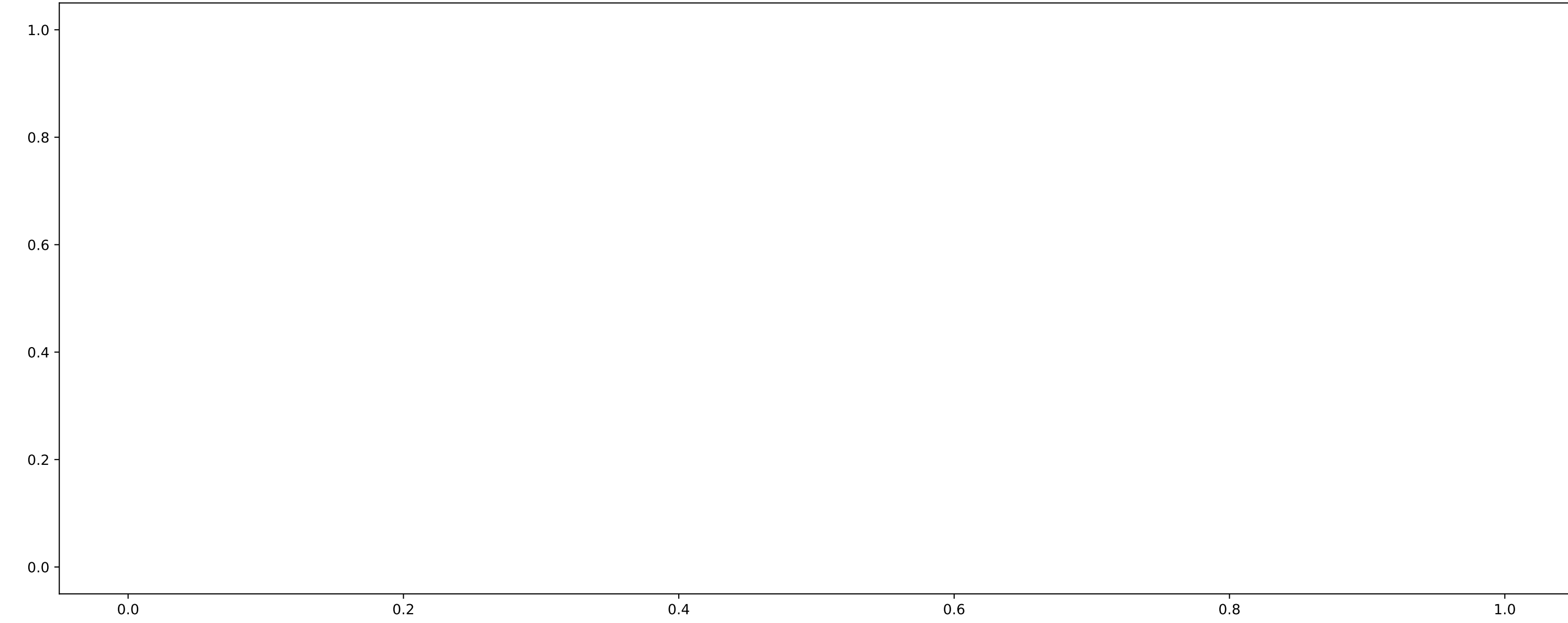
Scatter Plot - Cumulative Gas vs Cumalative Oil - Colored by Months Produced



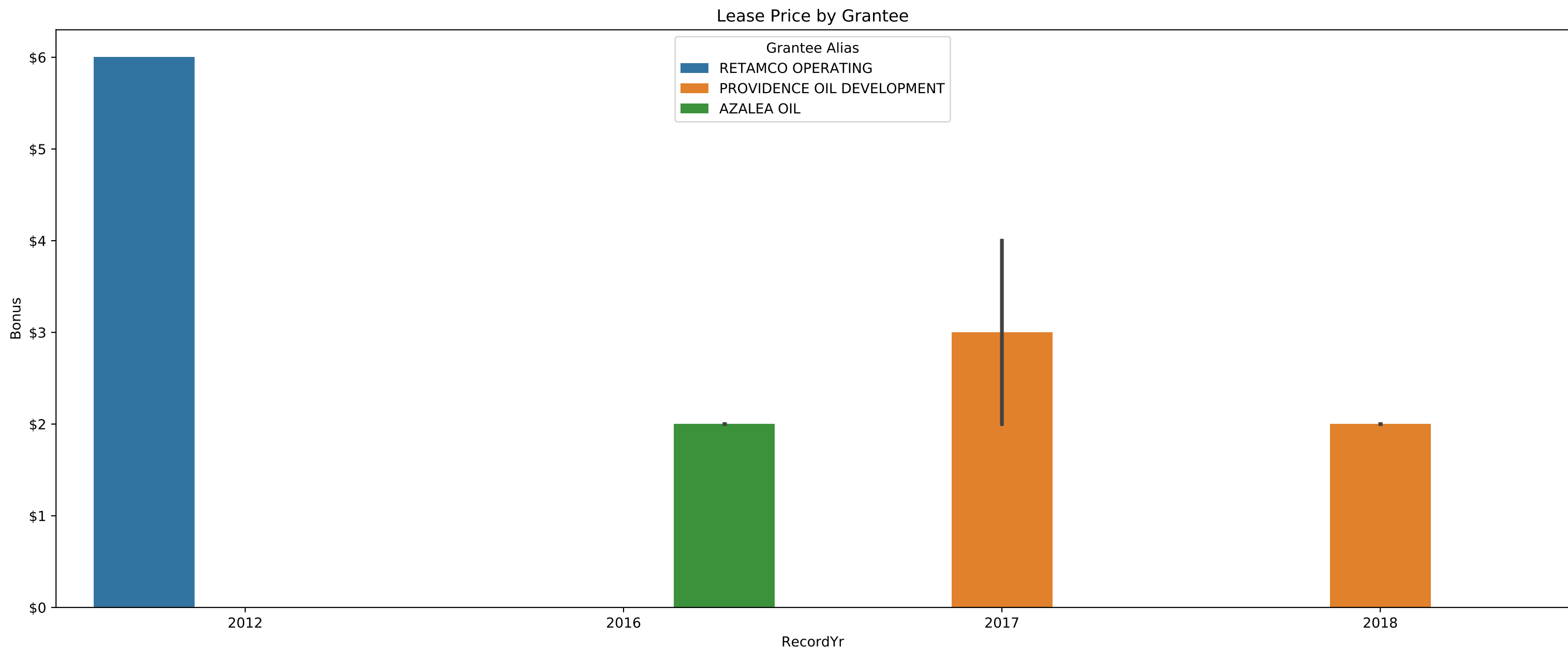
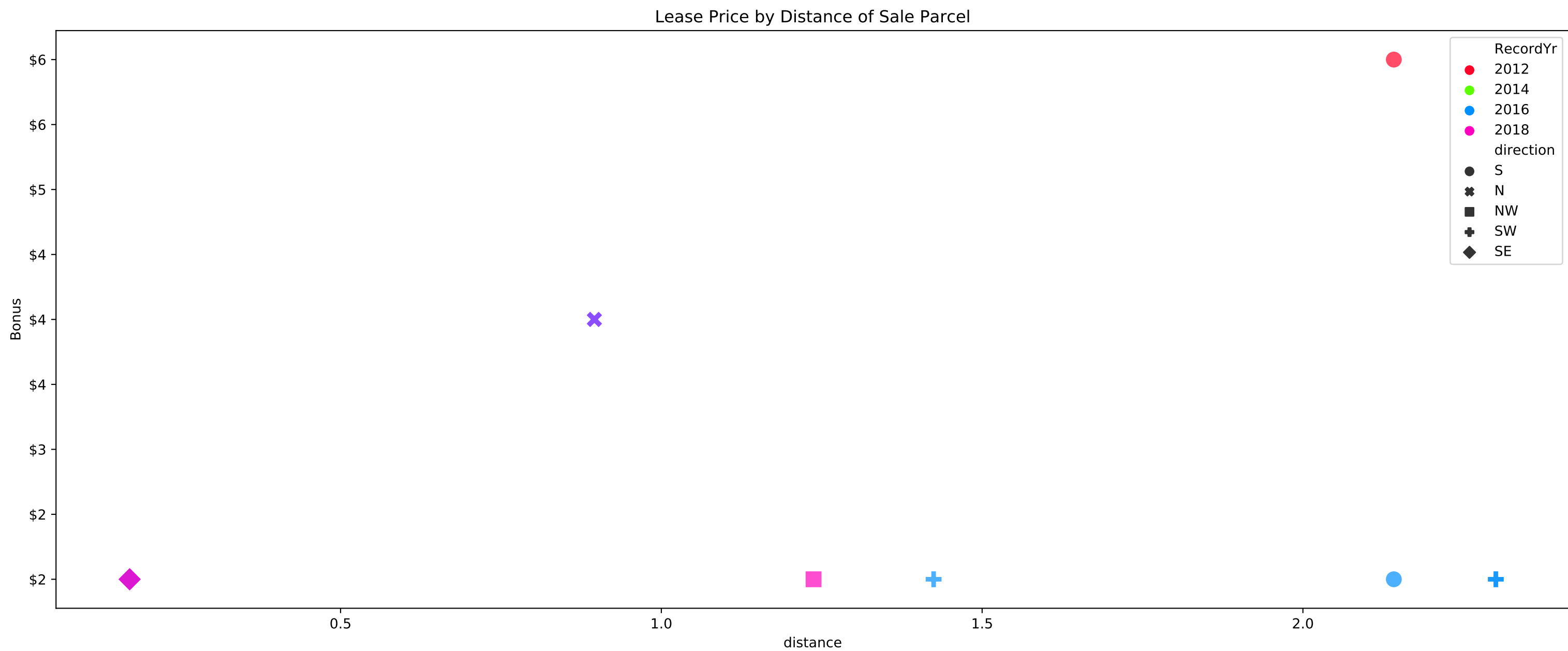
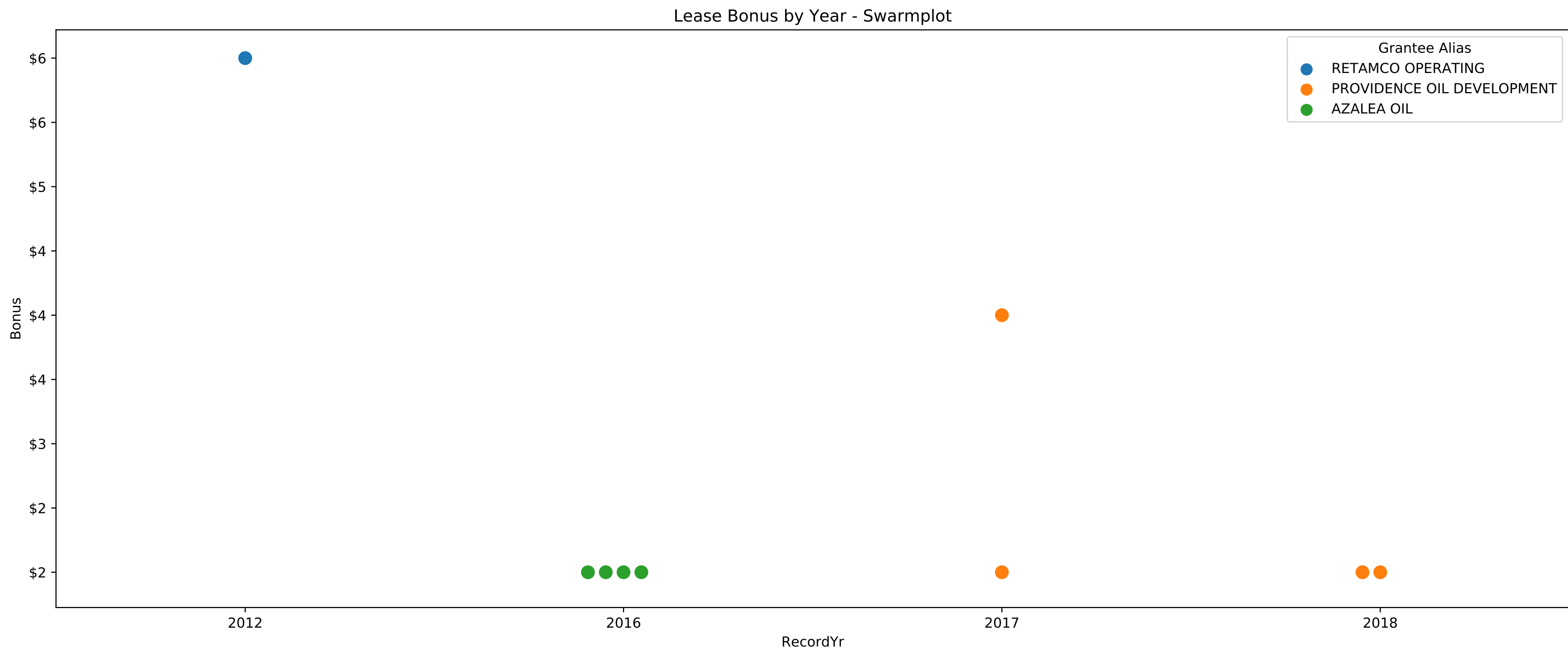
Cumaltive Oil vs. Months Produced - Colored by Operator



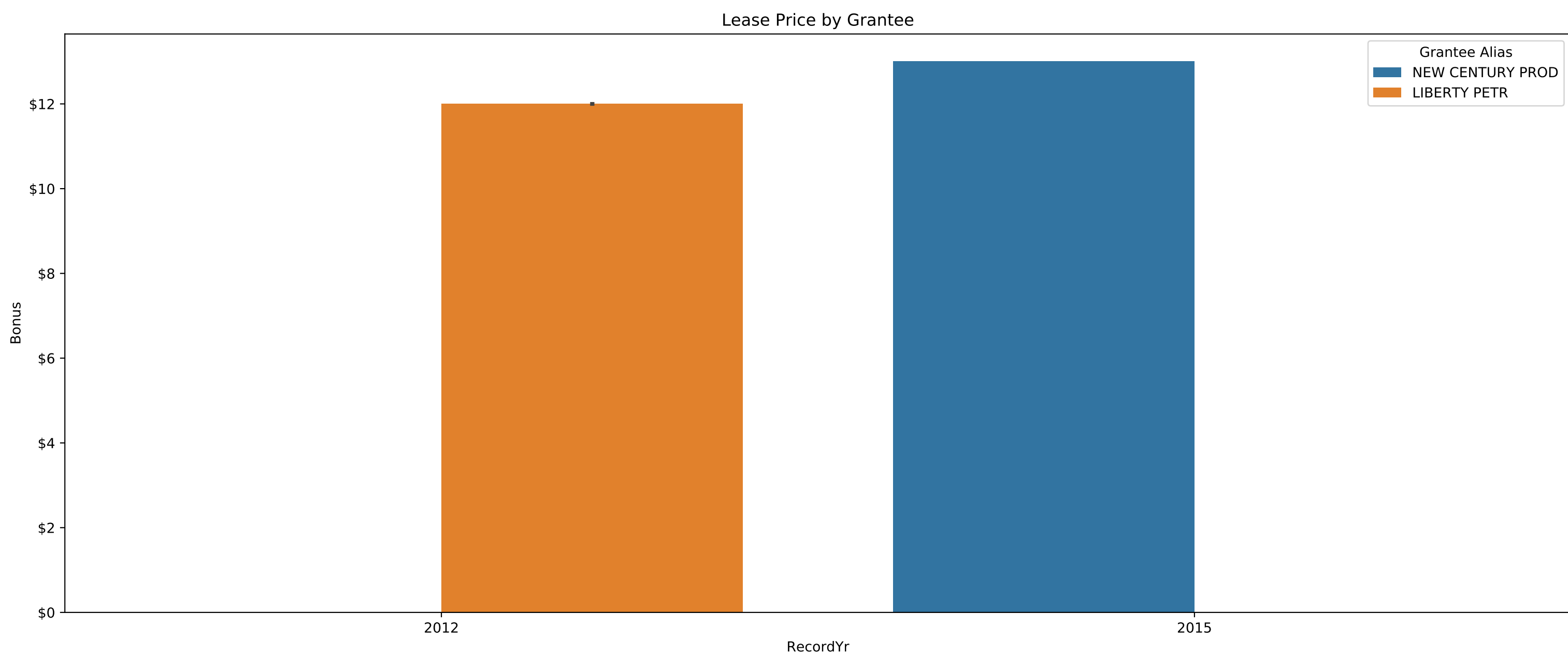
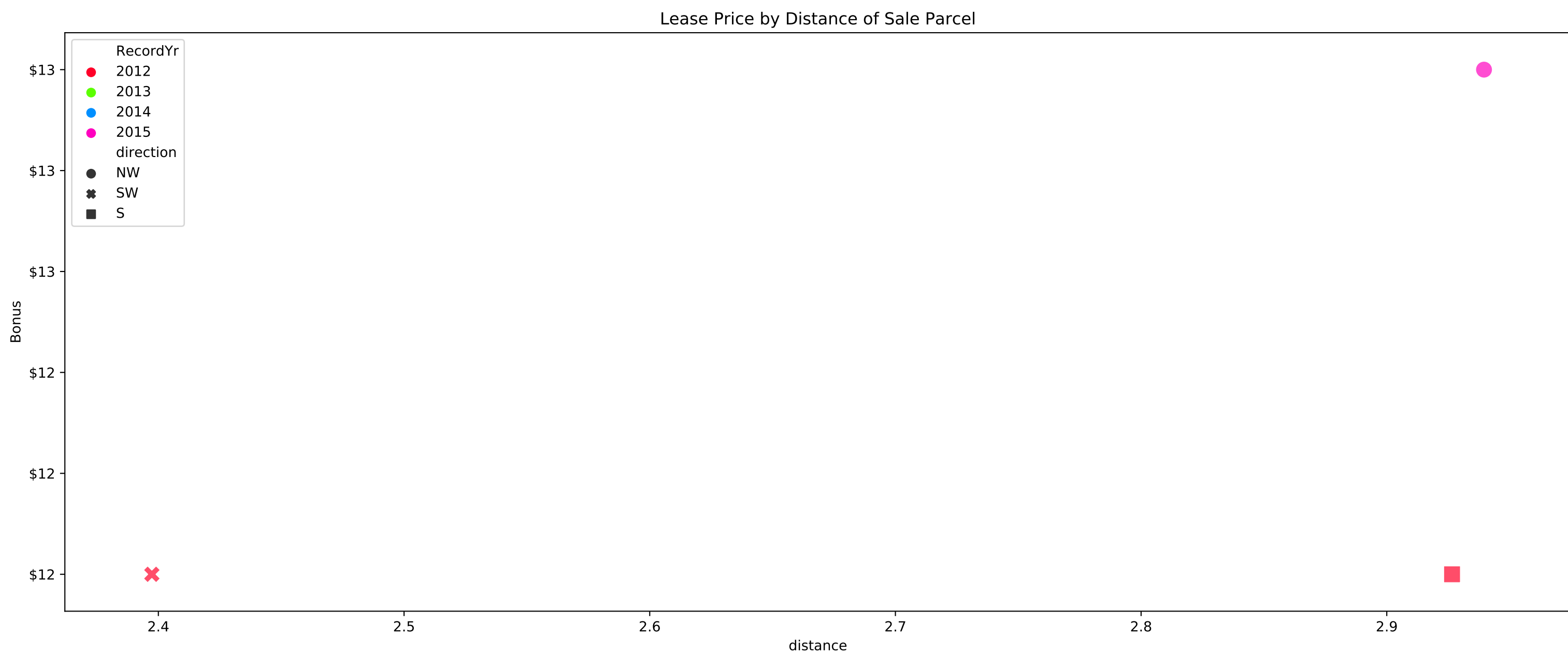
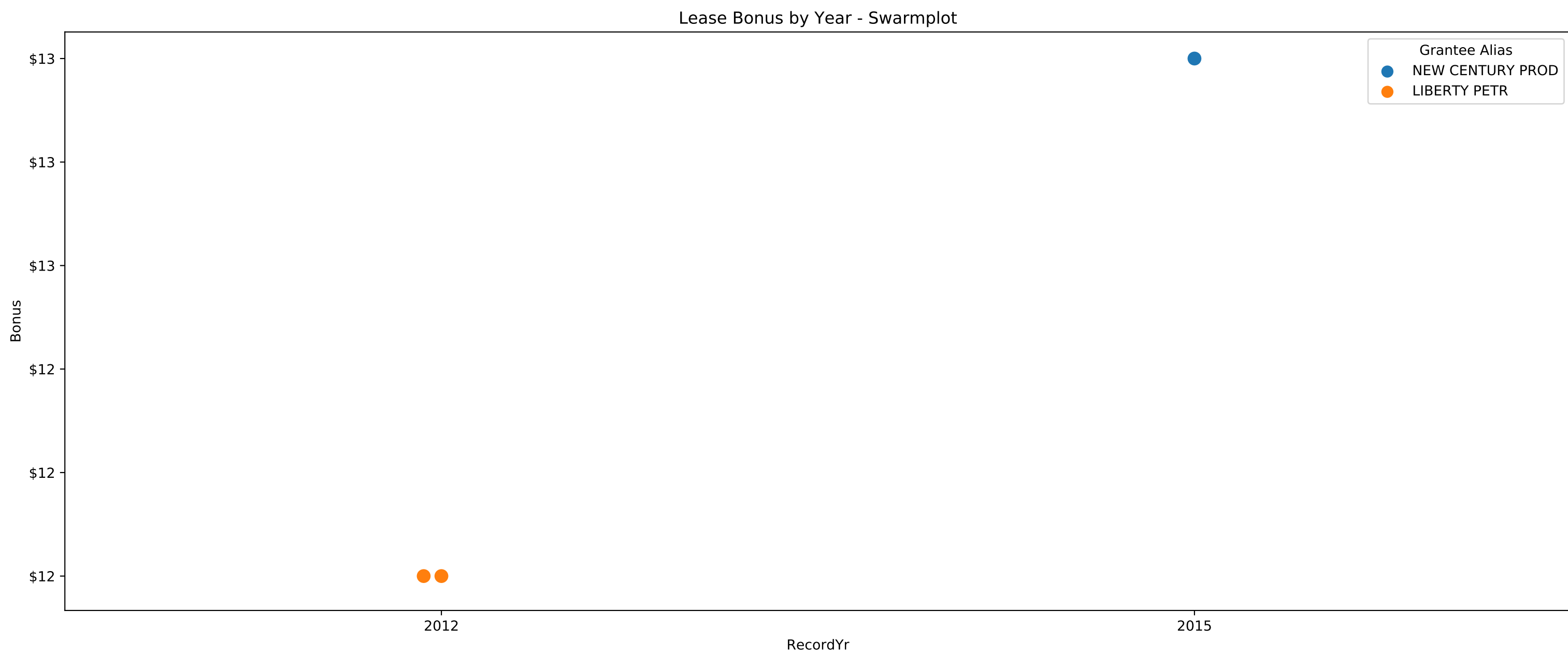
Cumalative Gas vs. Months Produced - Colored by Operator



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



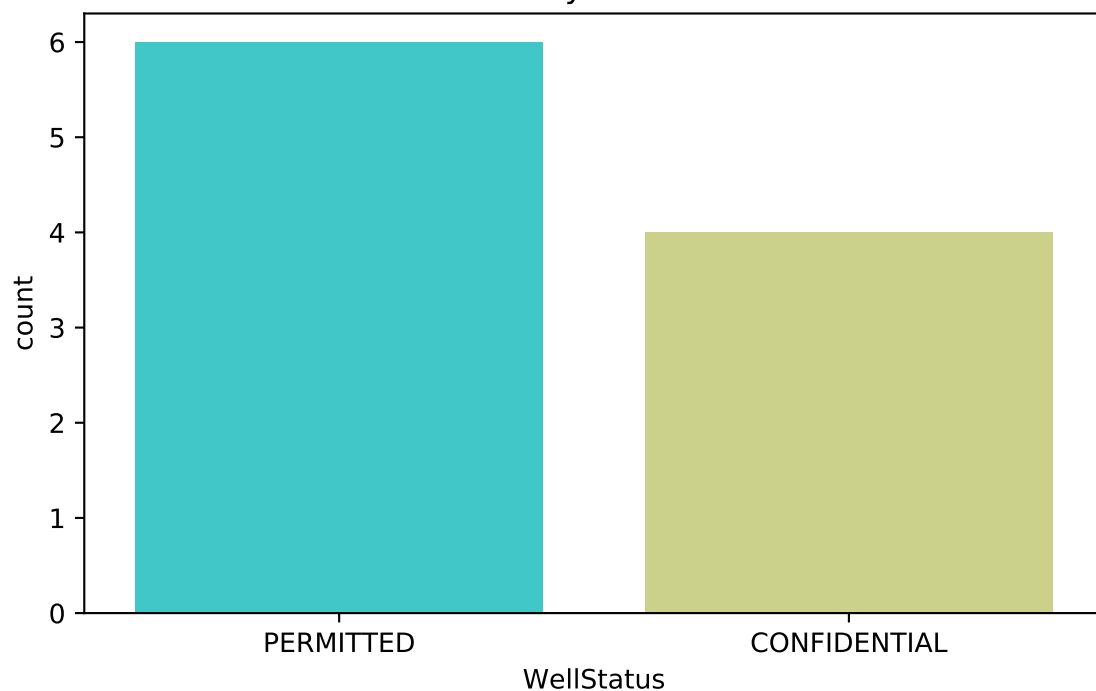
Lease Summary for tract 117
Total Number of Leases: 3
Average Price \$13/acre in 2015



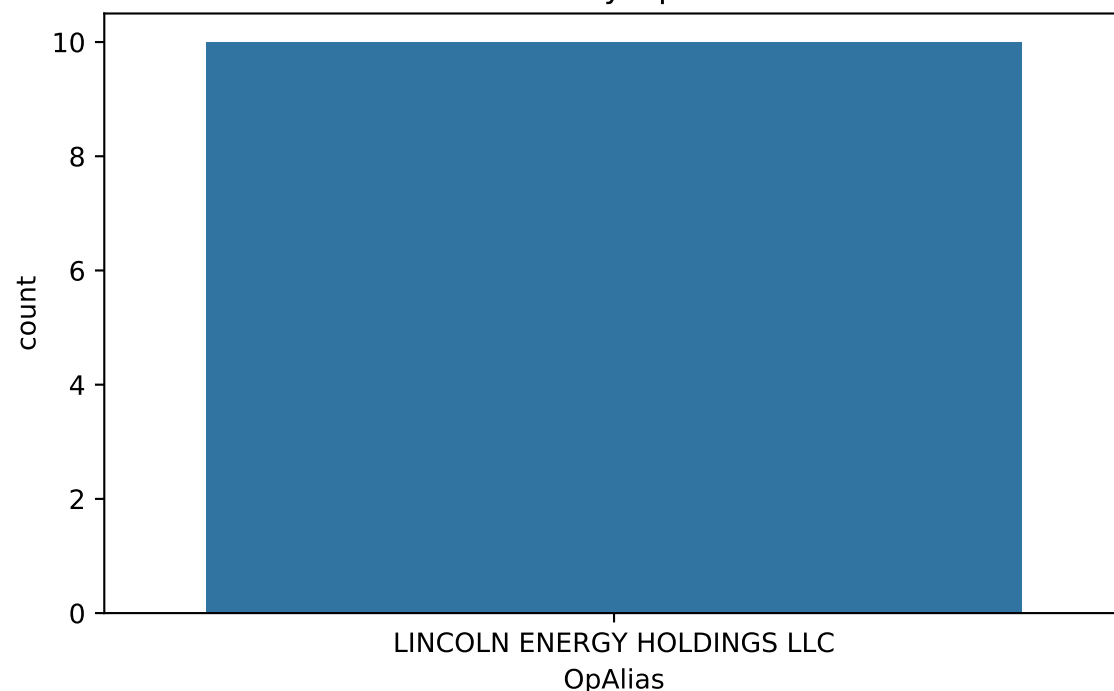
Permit Summary for Tract 16

Total permits: 10

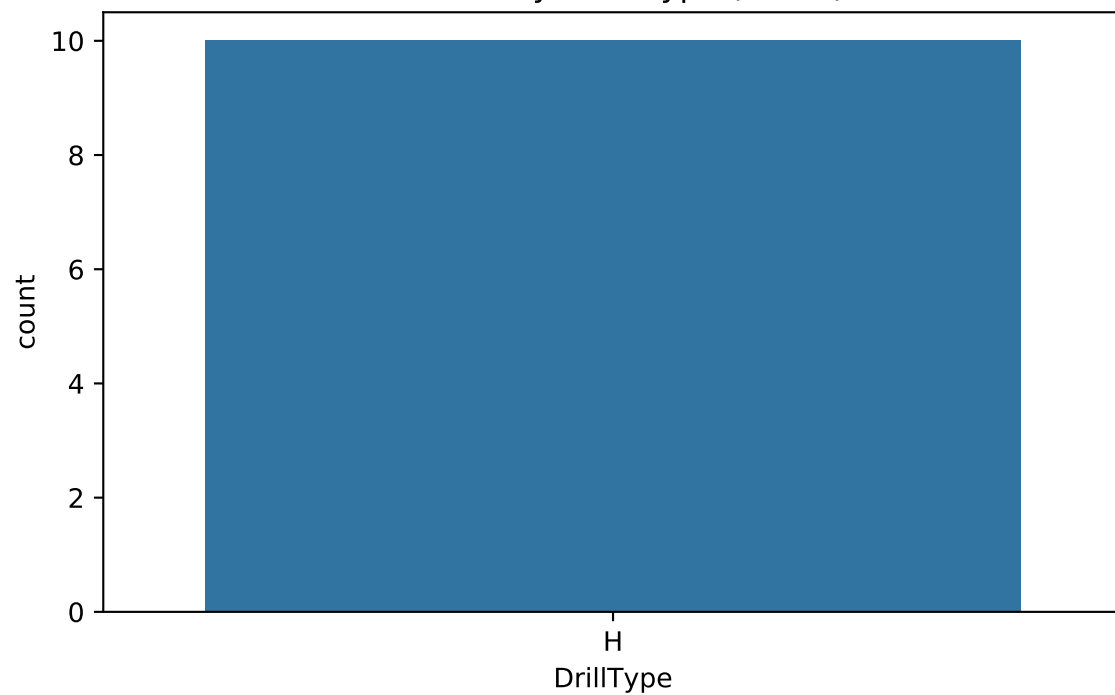
Permits by Well Status



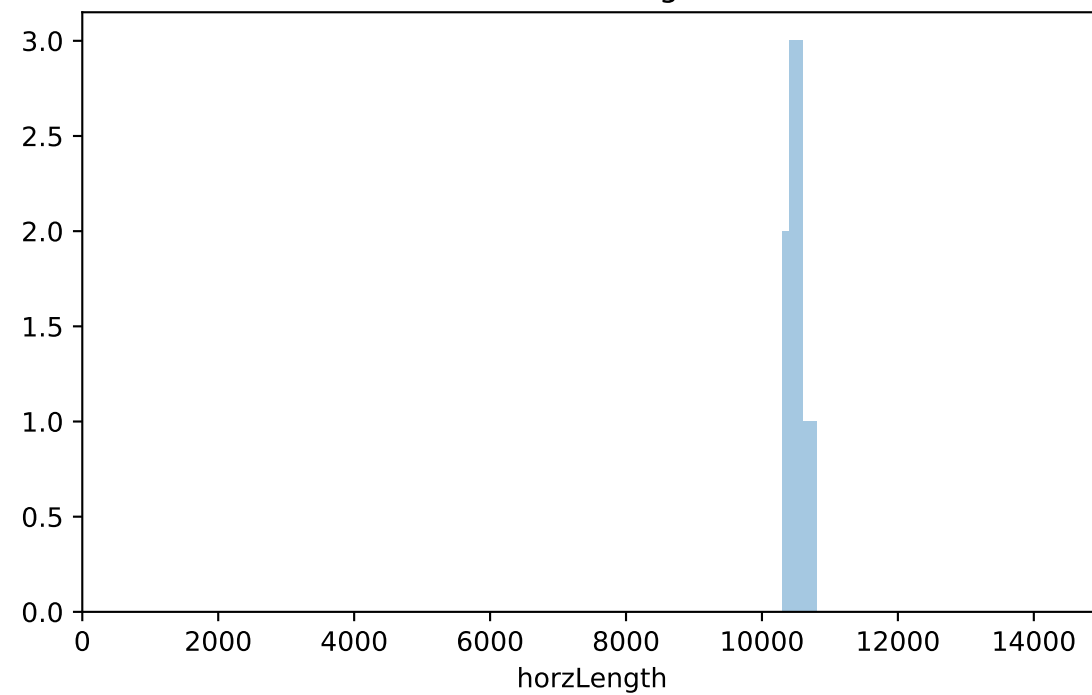
Permits by Operator



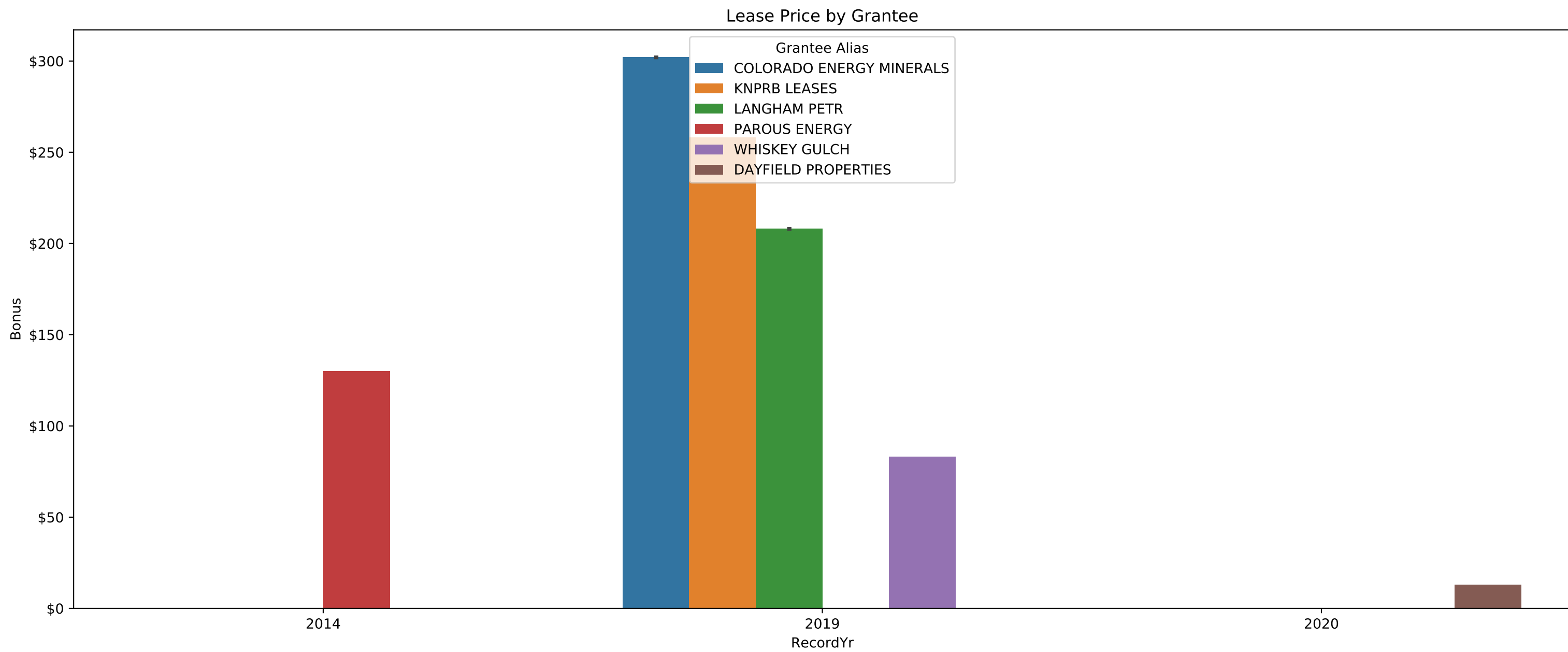
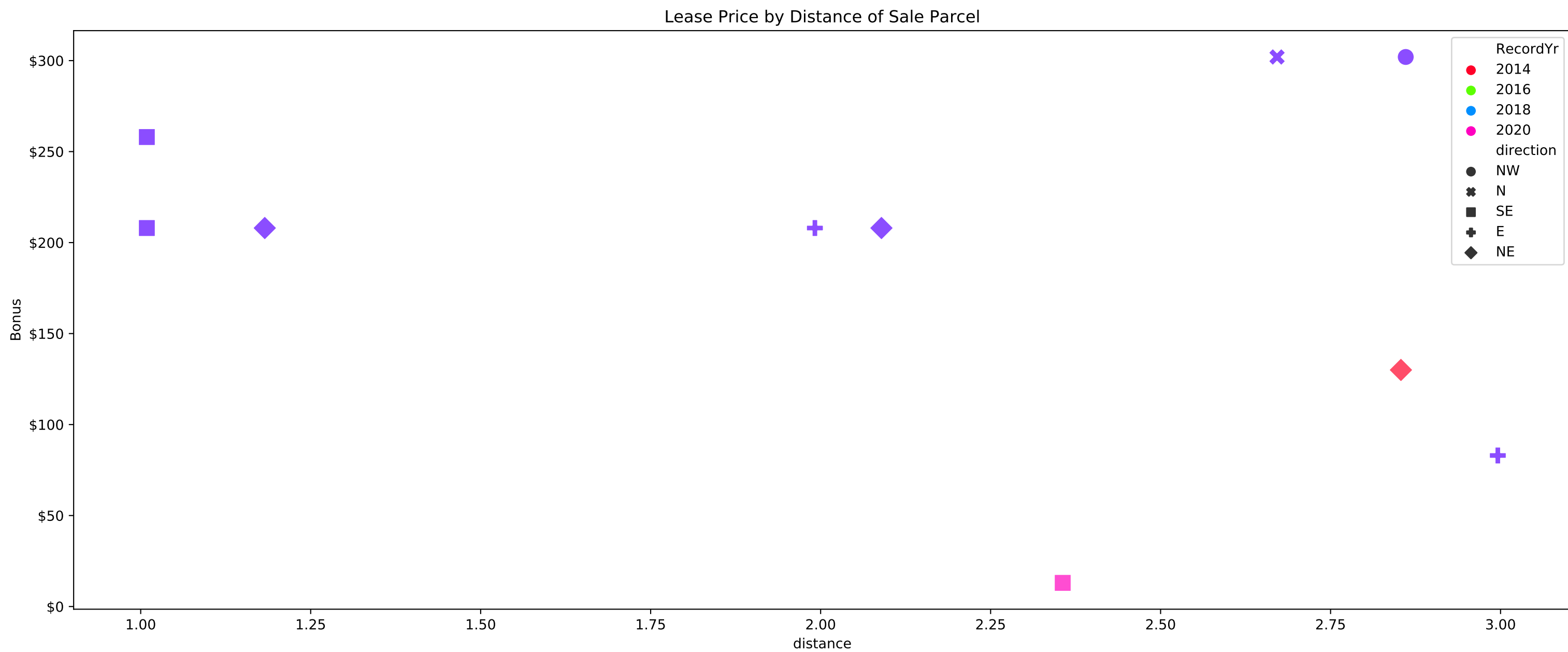
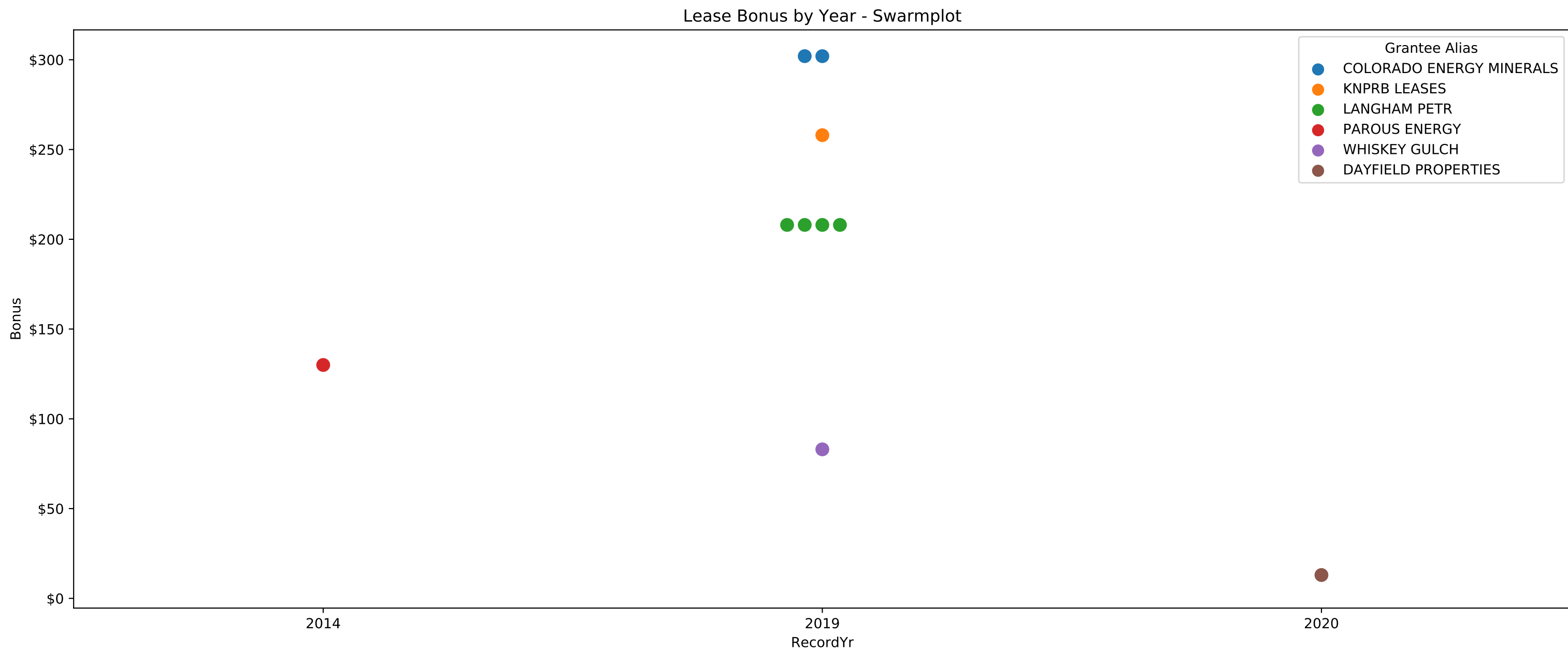
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



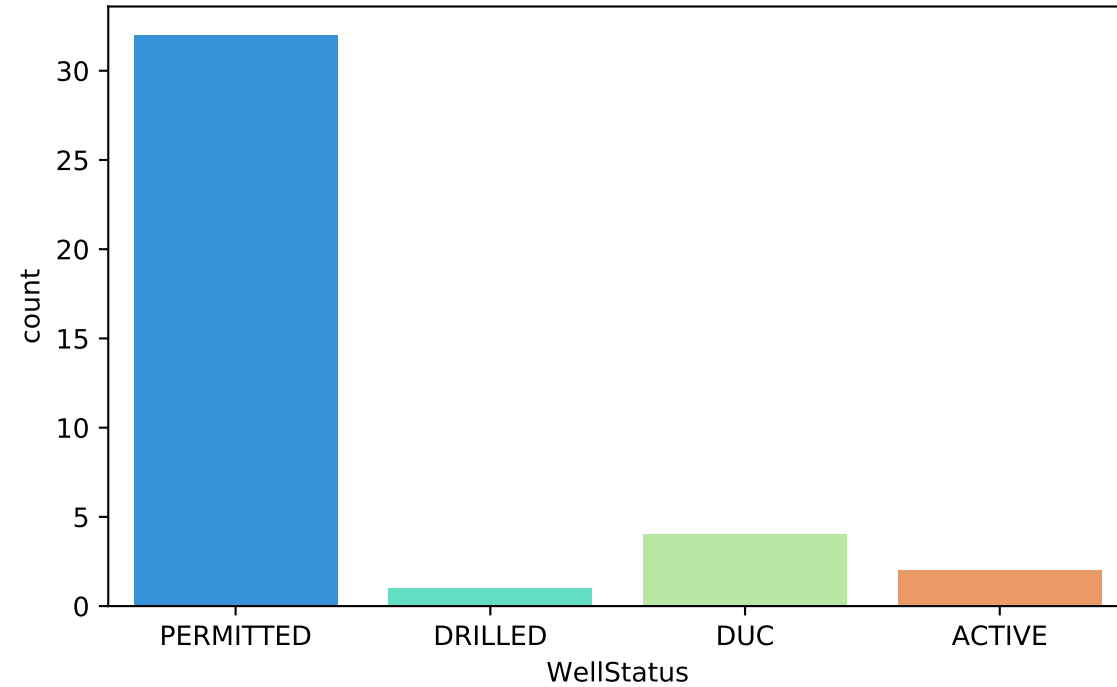
Lease Summary for tract 16
Total Number of Leases: 10
Average Price \$13/acre in 2020



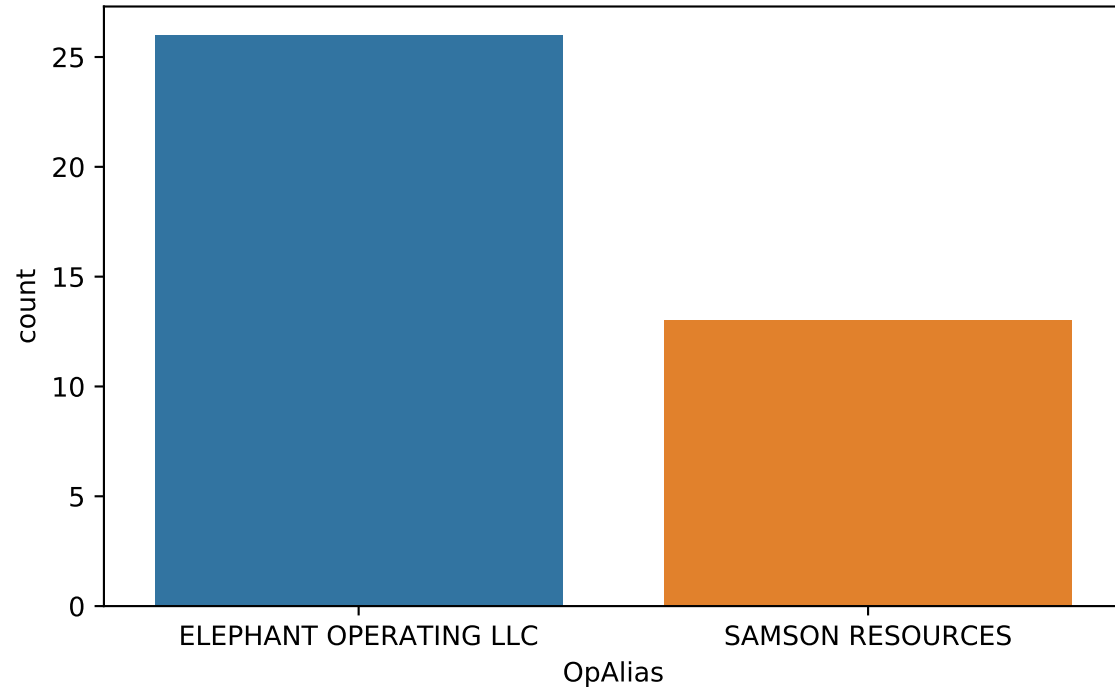
Permit Summary for Tract 15

Total permits: 39

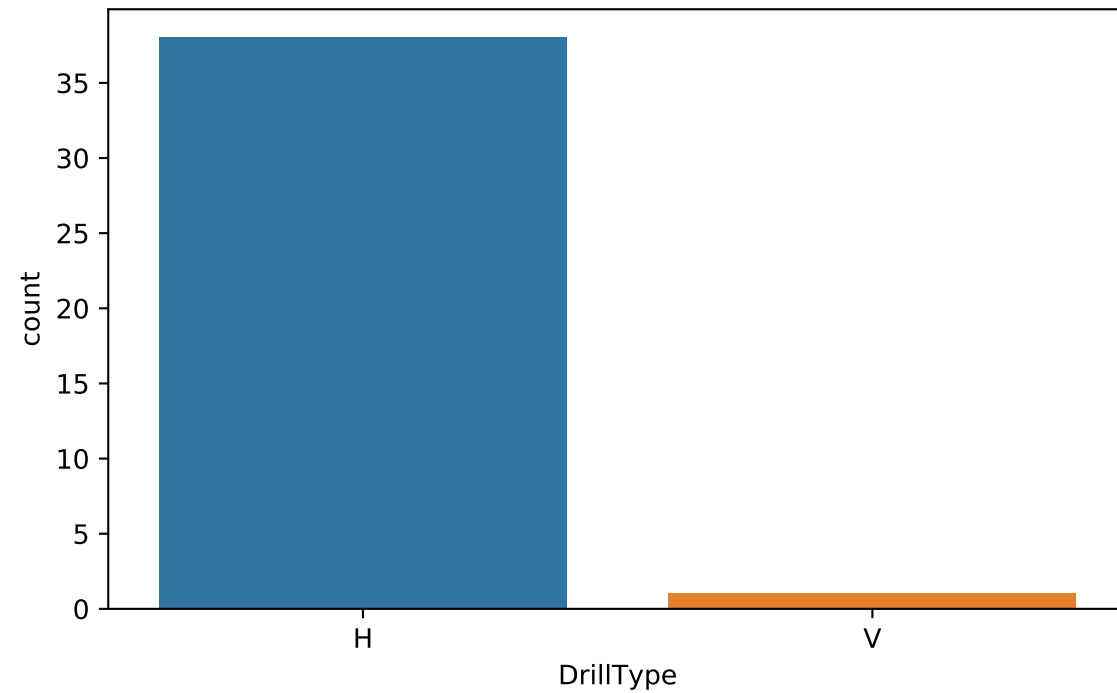
Permits by Well Status



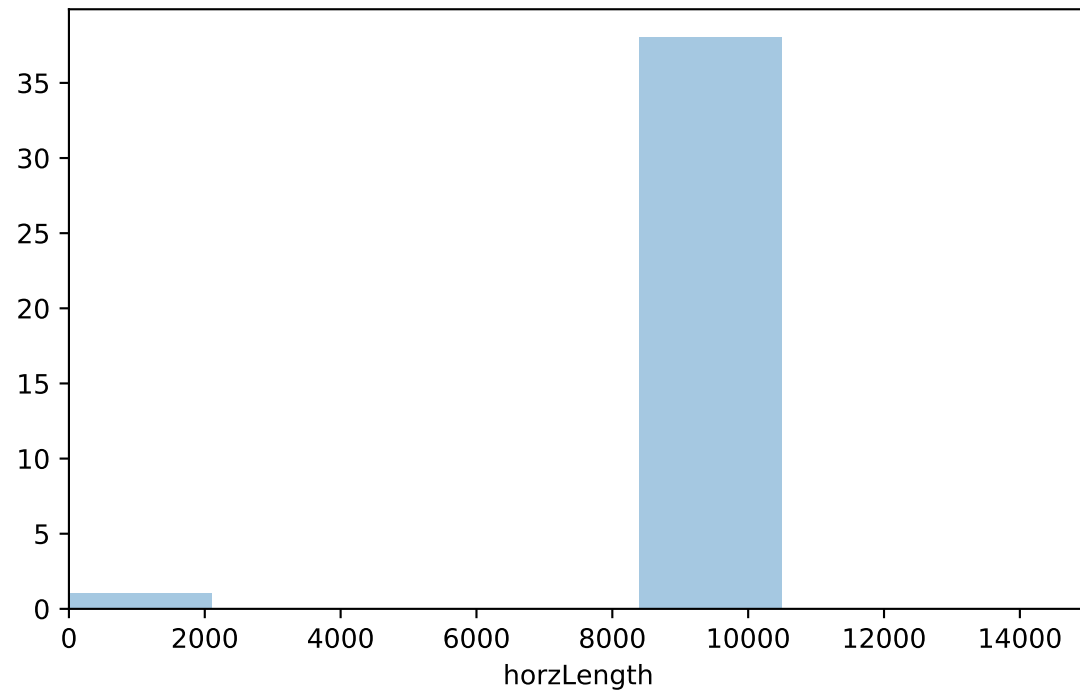
Permits by Operator



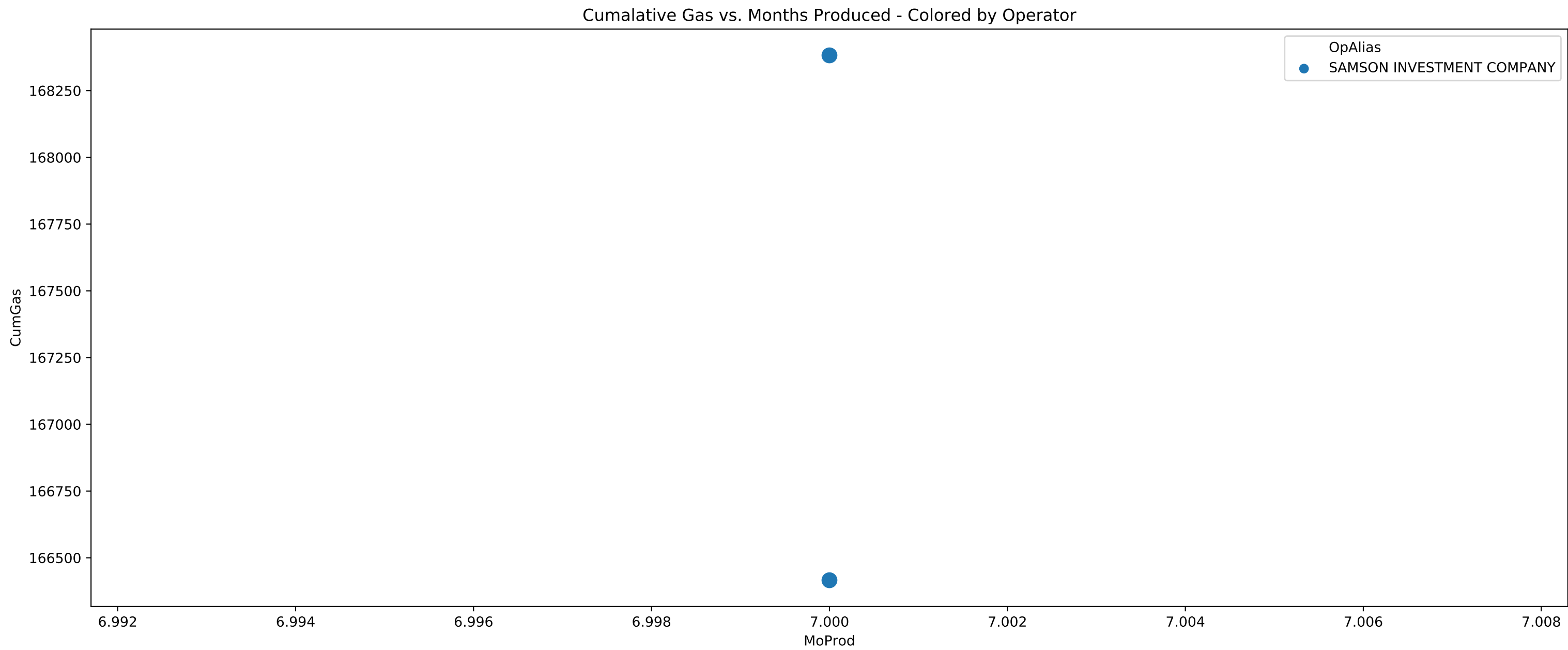
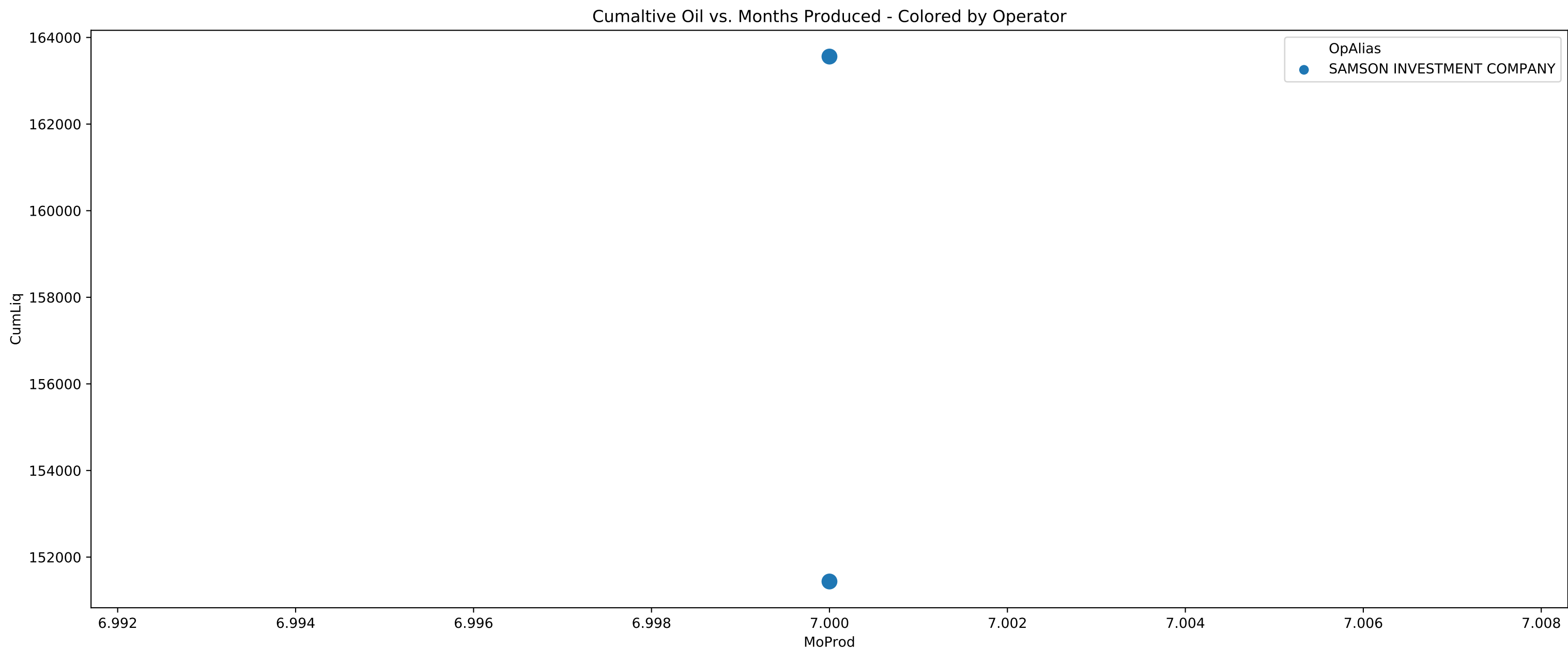
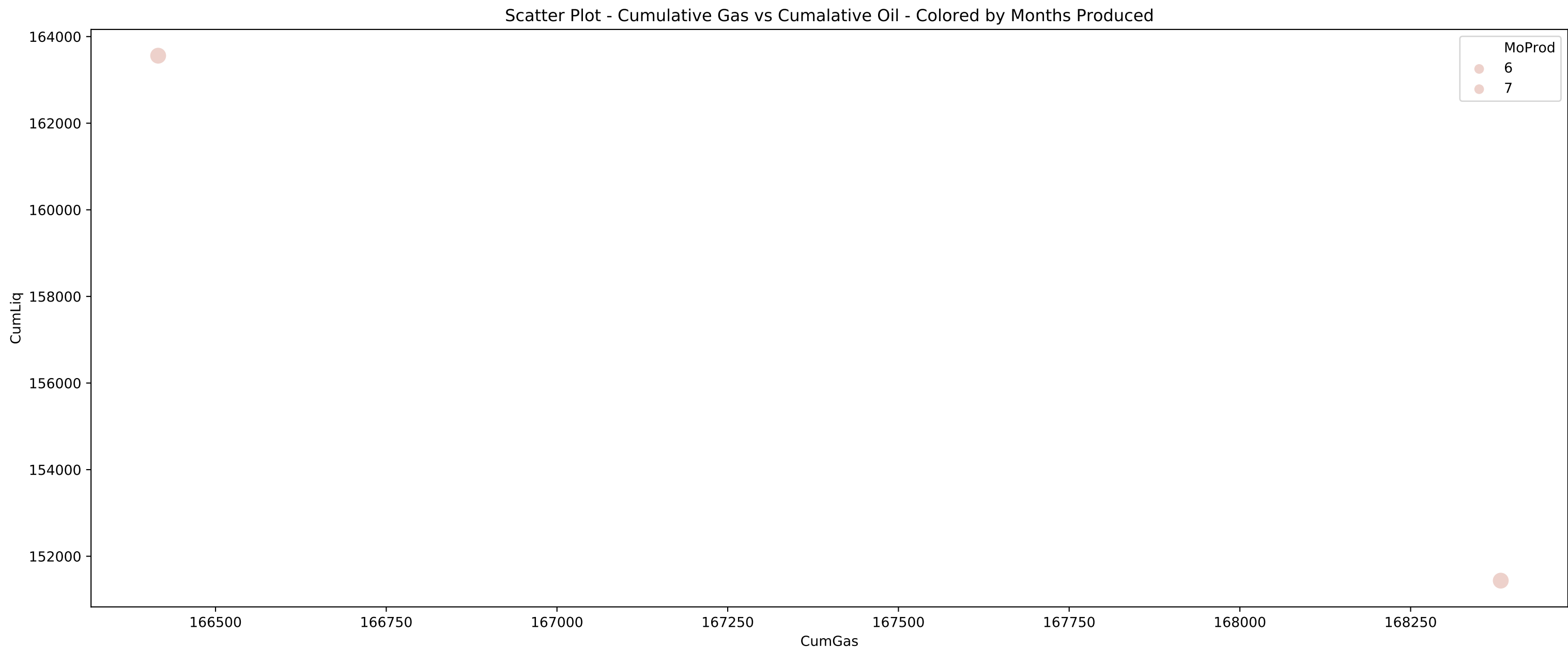
Permits by Well Type (H,D,V)



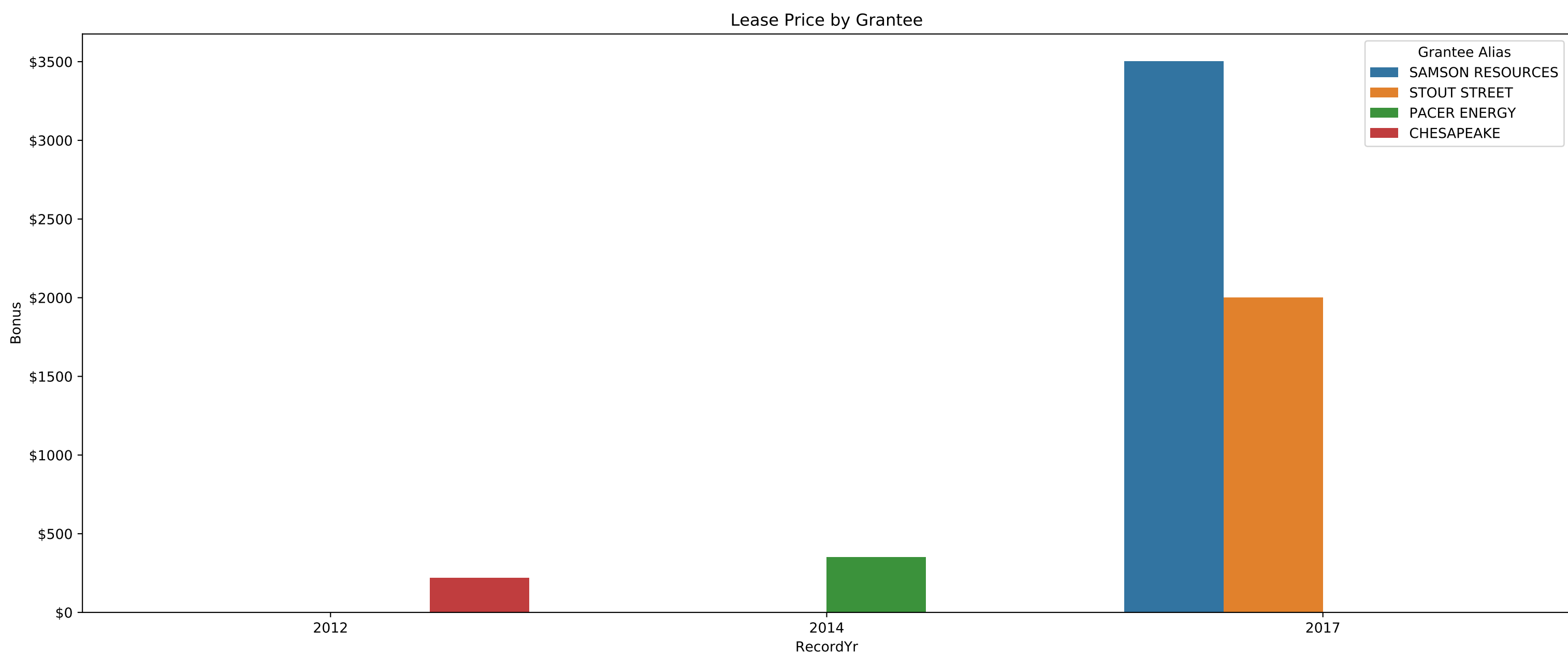
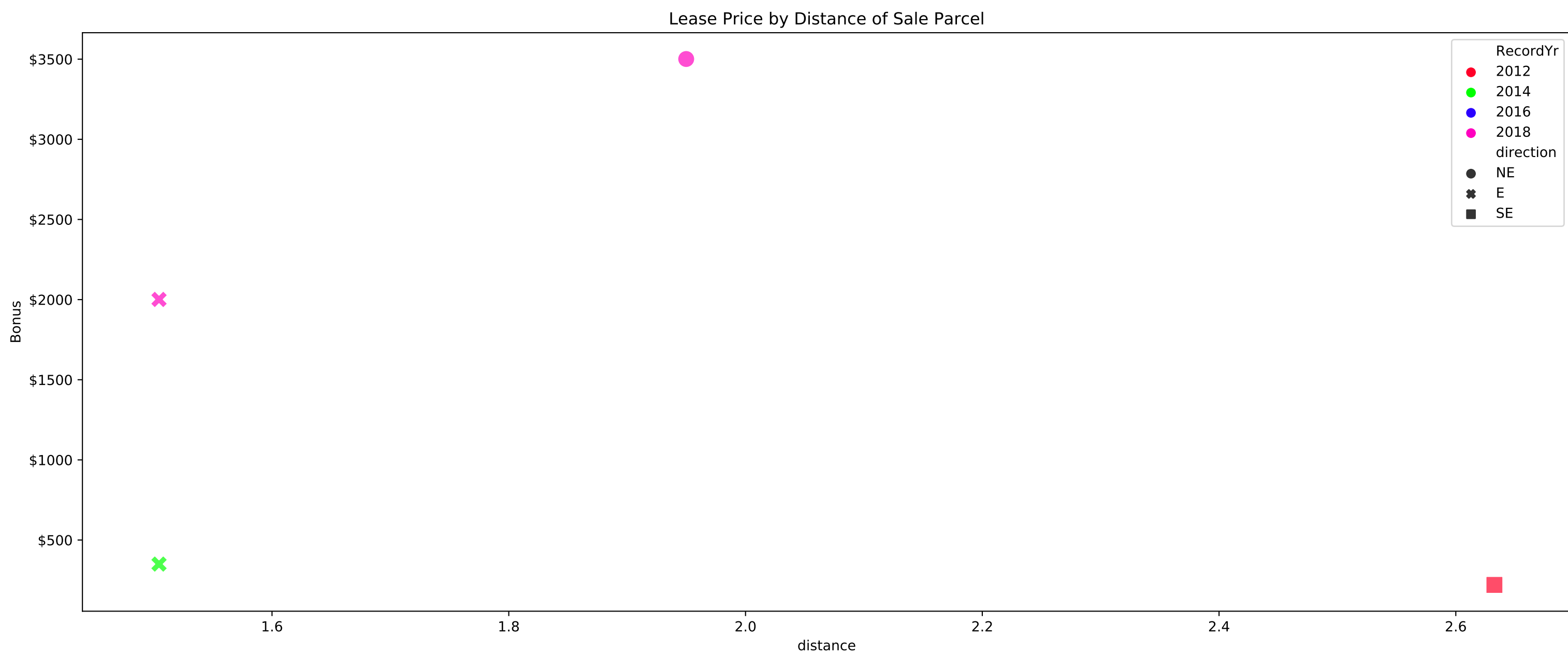
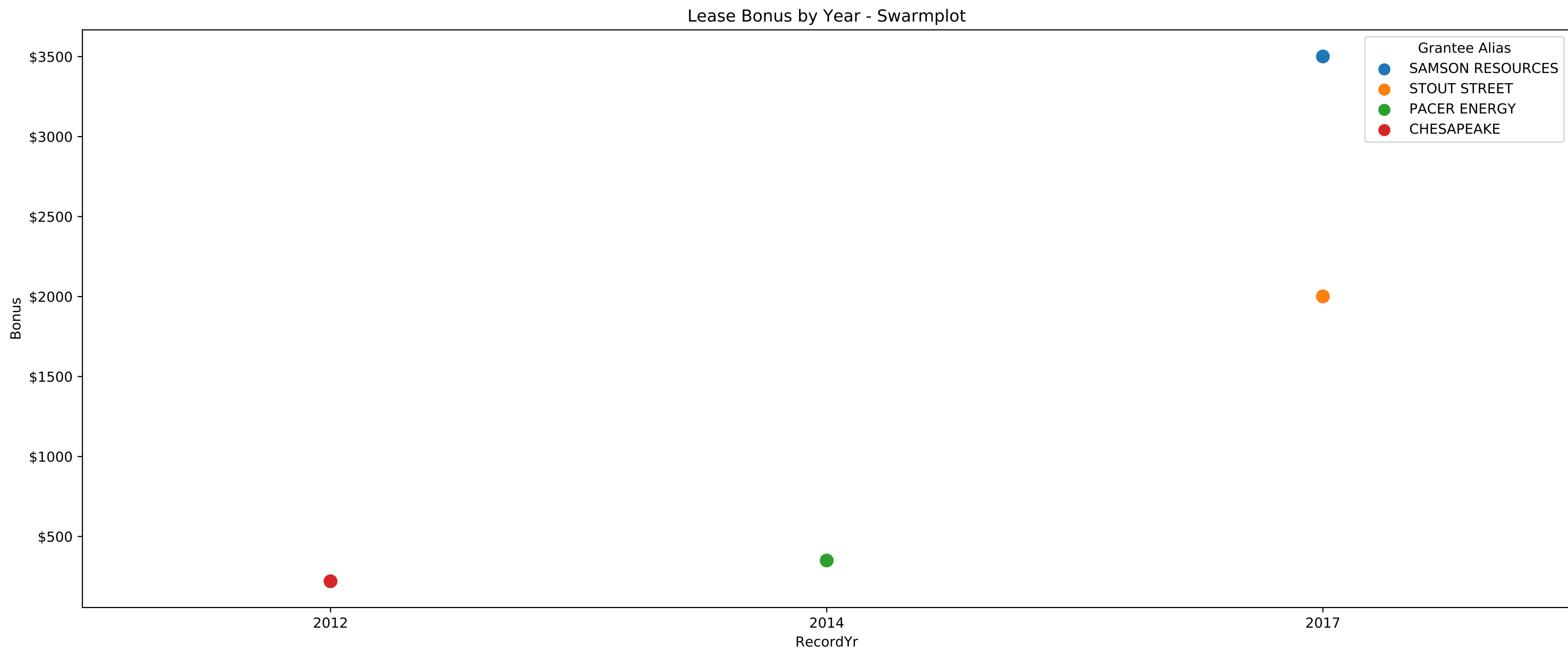
Permit Horizontal Lengths - Binned



Production Dashboard for tract 15



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



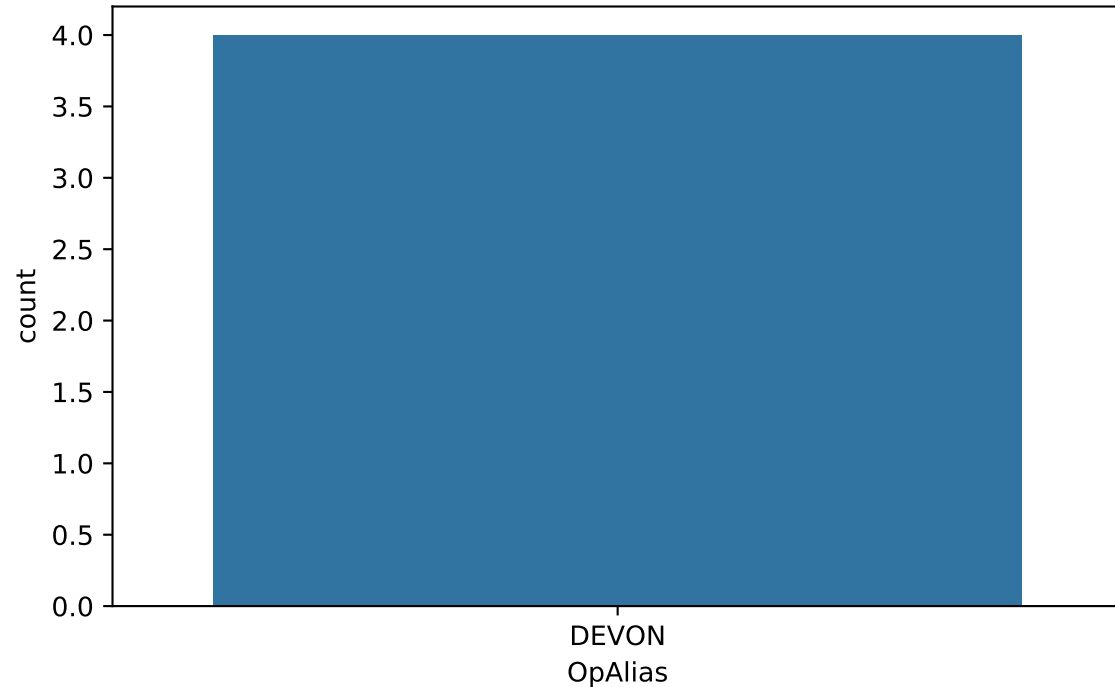
Permit Summary for Tract 128

Total permits: 4

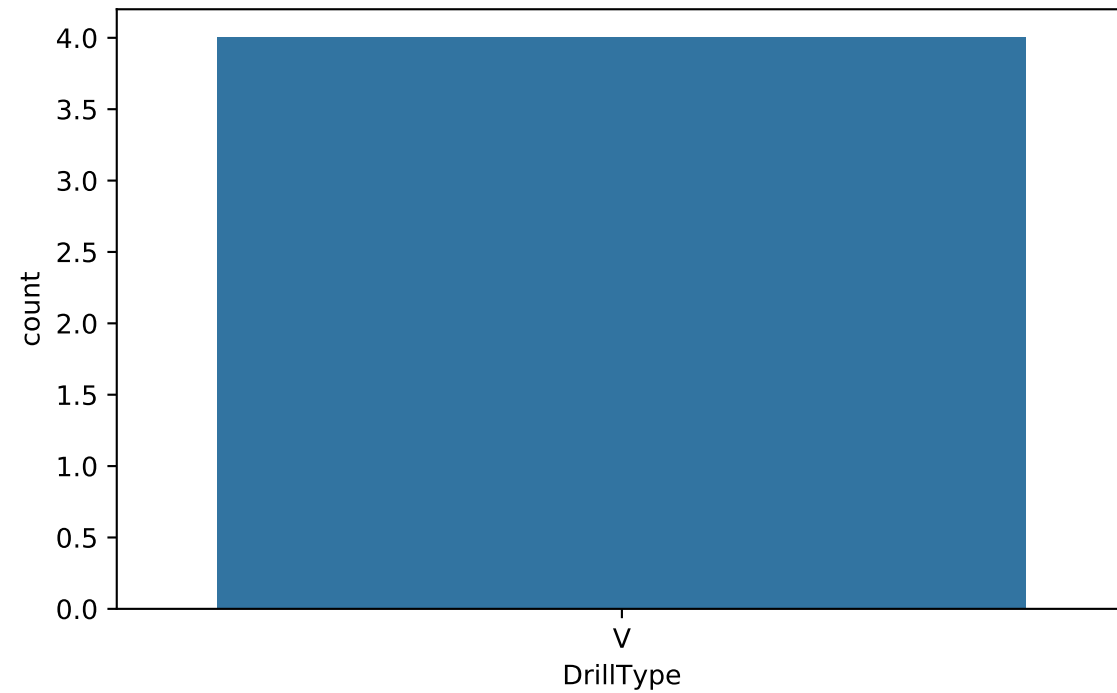
Permits by Well Status



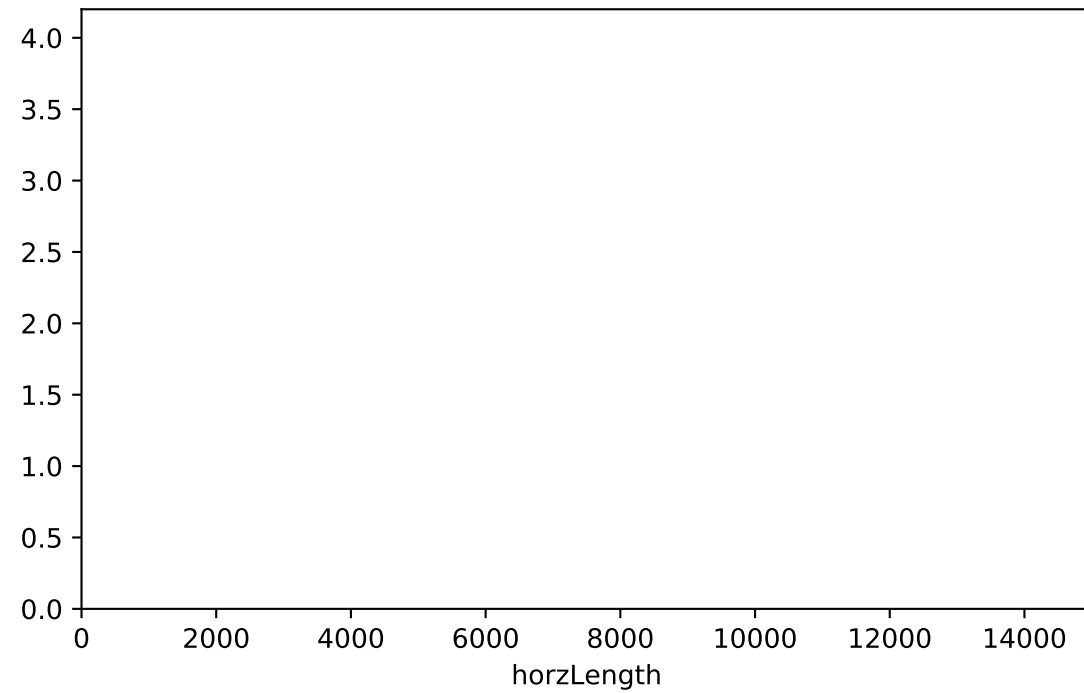
Permits by Operator



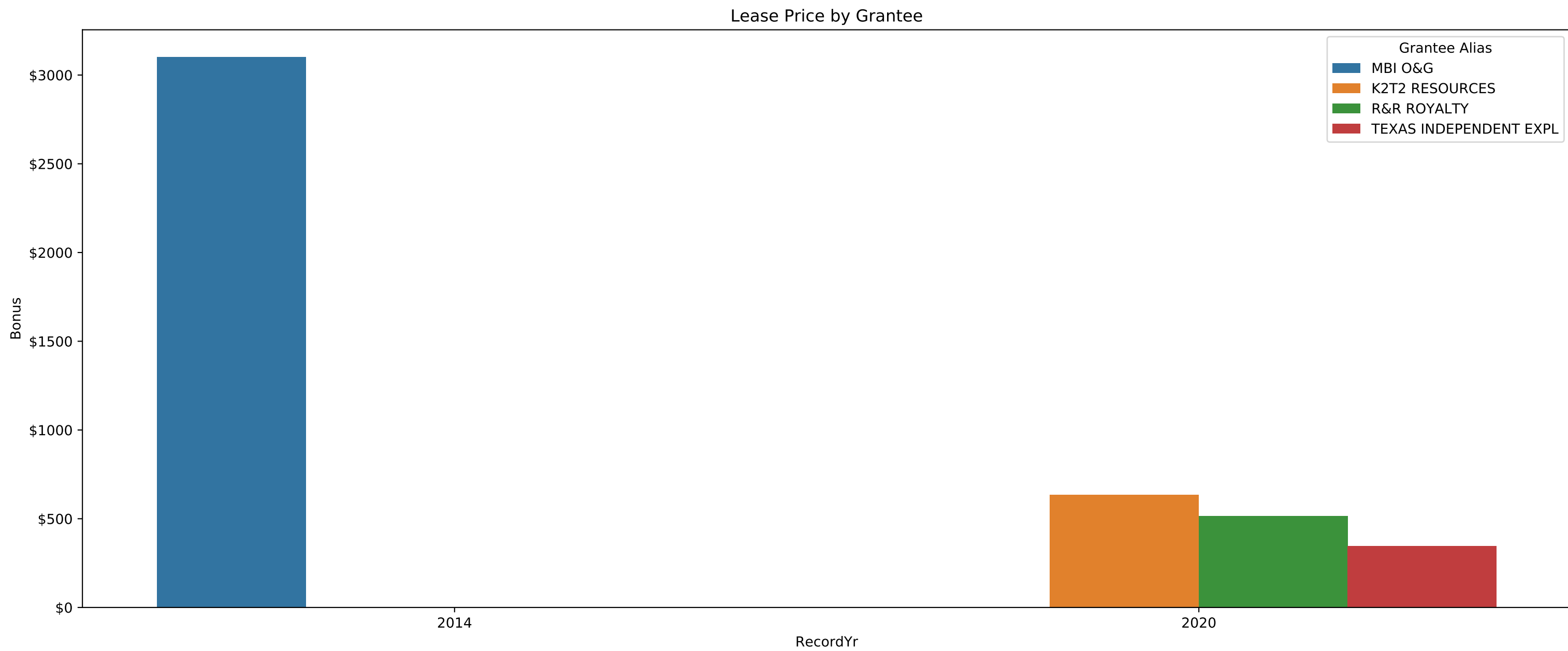
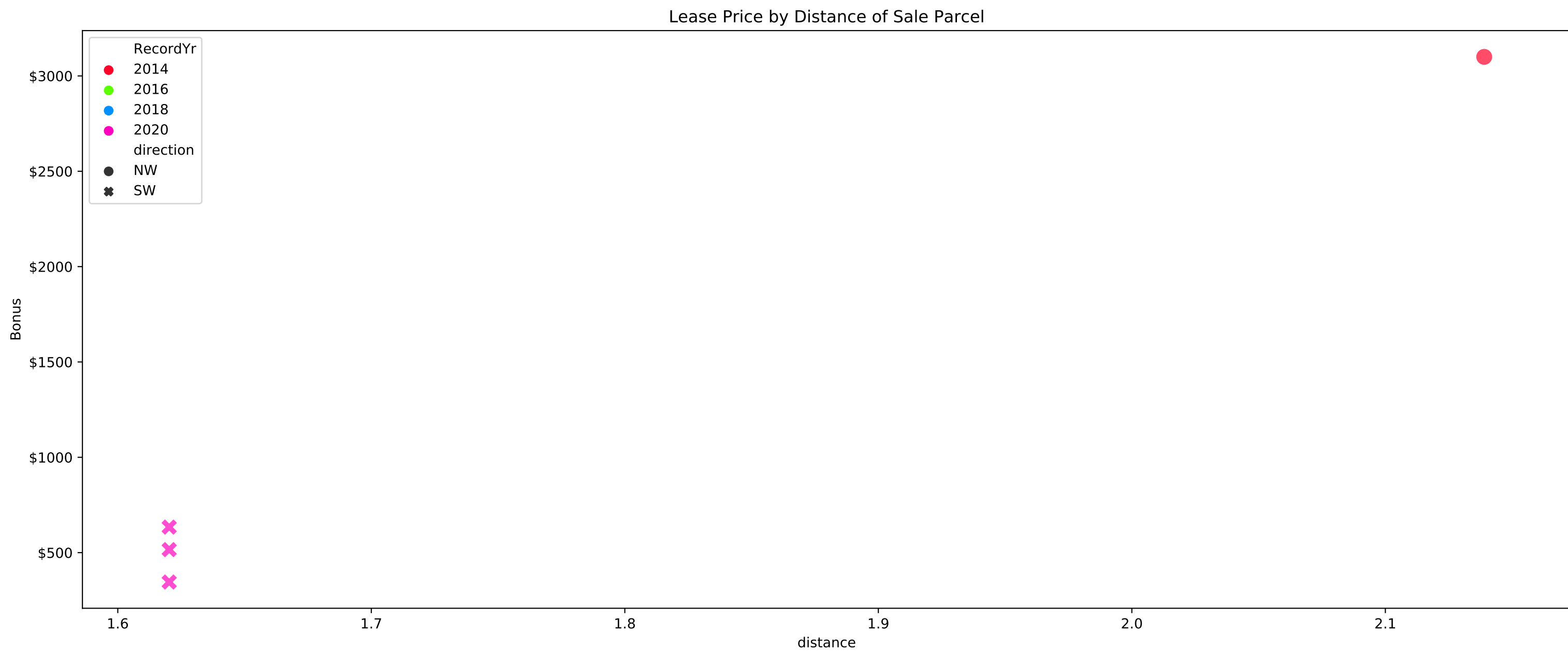
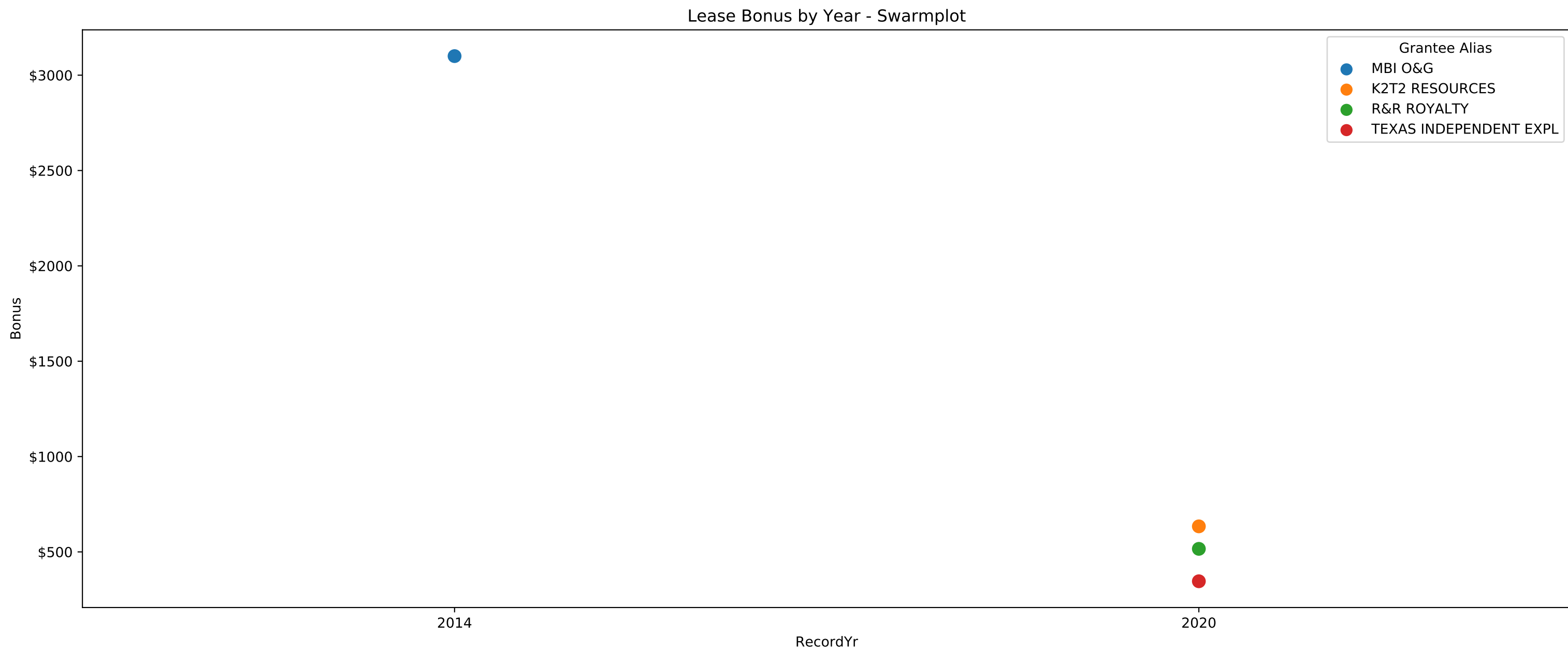
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



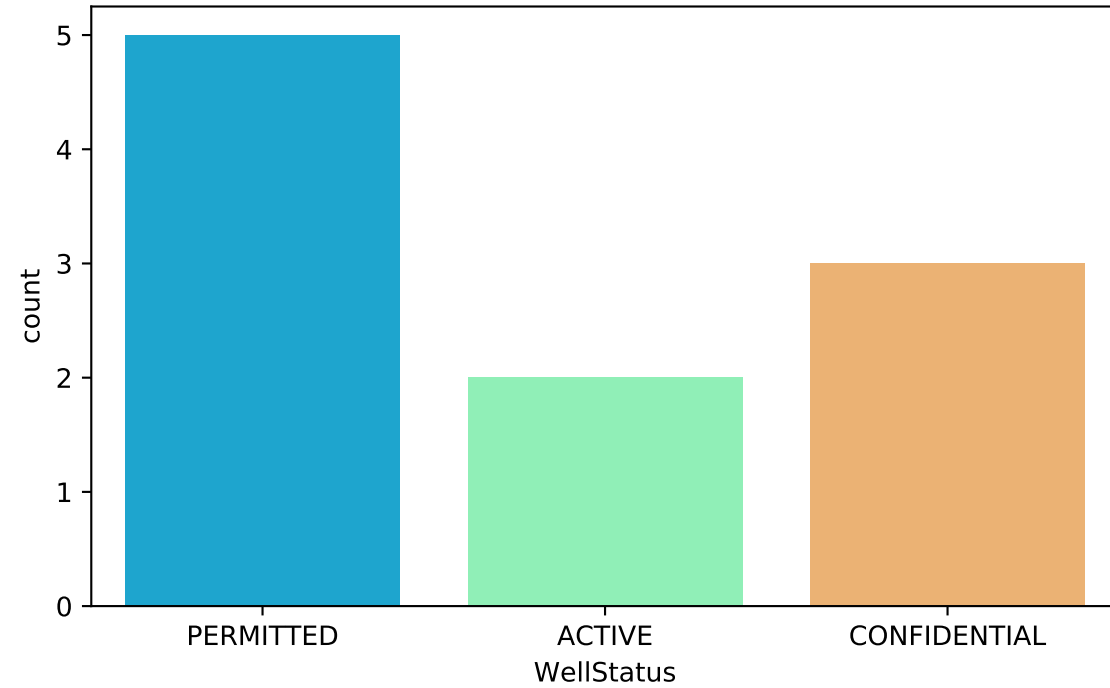
Lease Summary for tract 128
Total Number of Leases: 4
Average Price \$499/acre in 2020



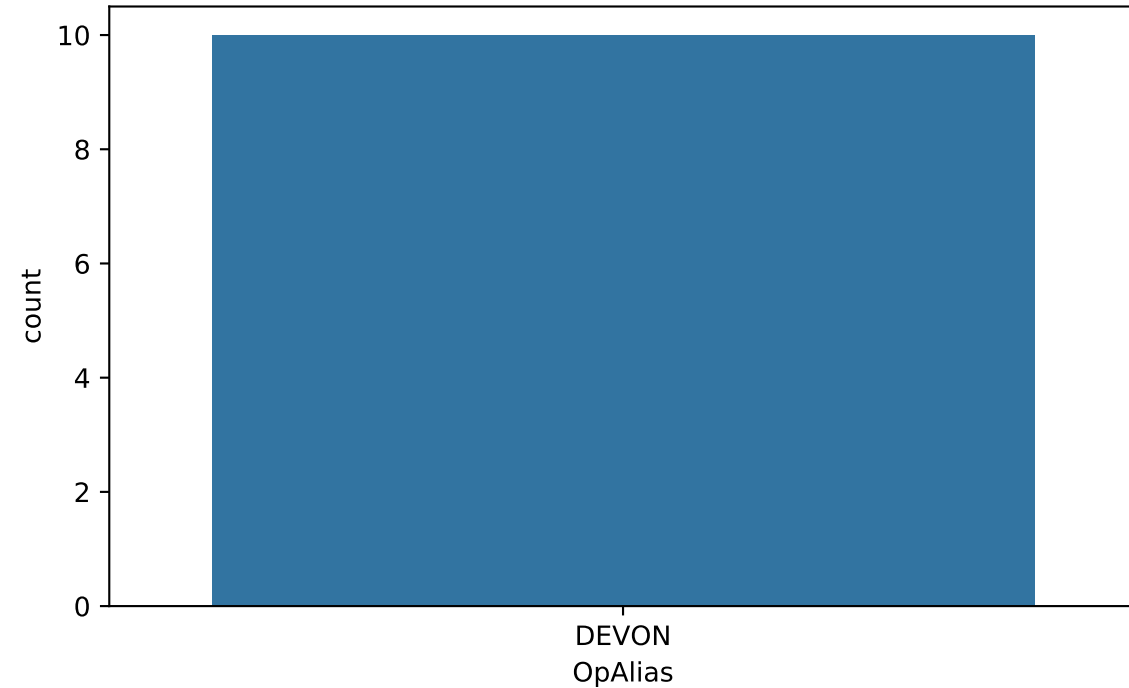
Permit Summary for Tract 127

Total permits: 10

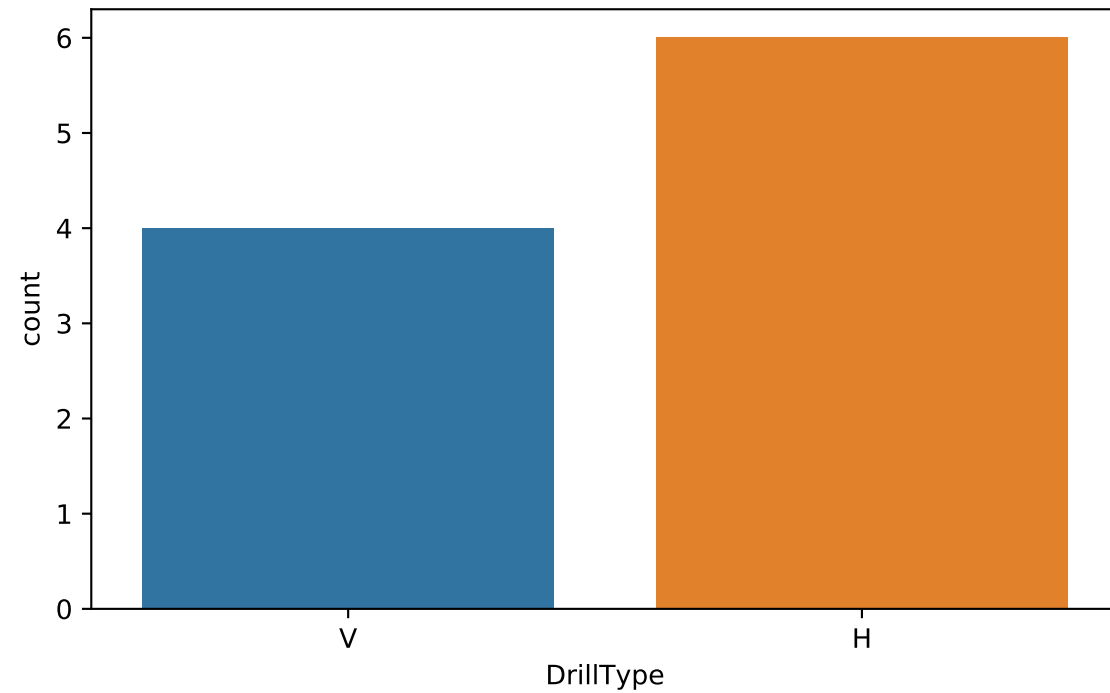
Permits by Well Status



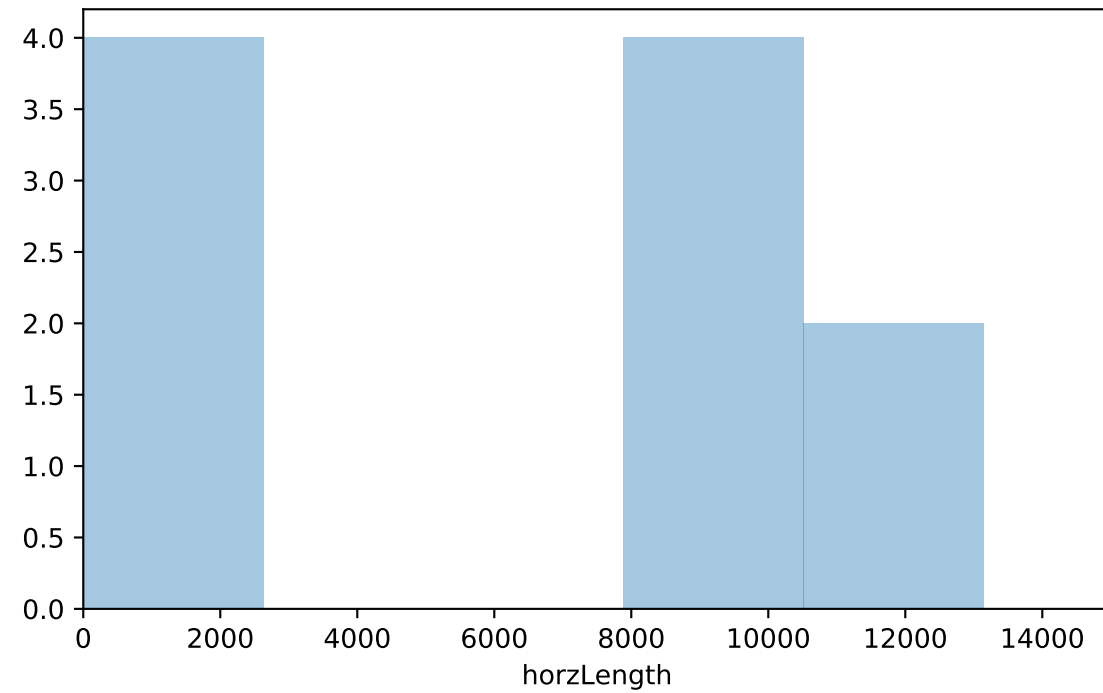
Permits by Operator



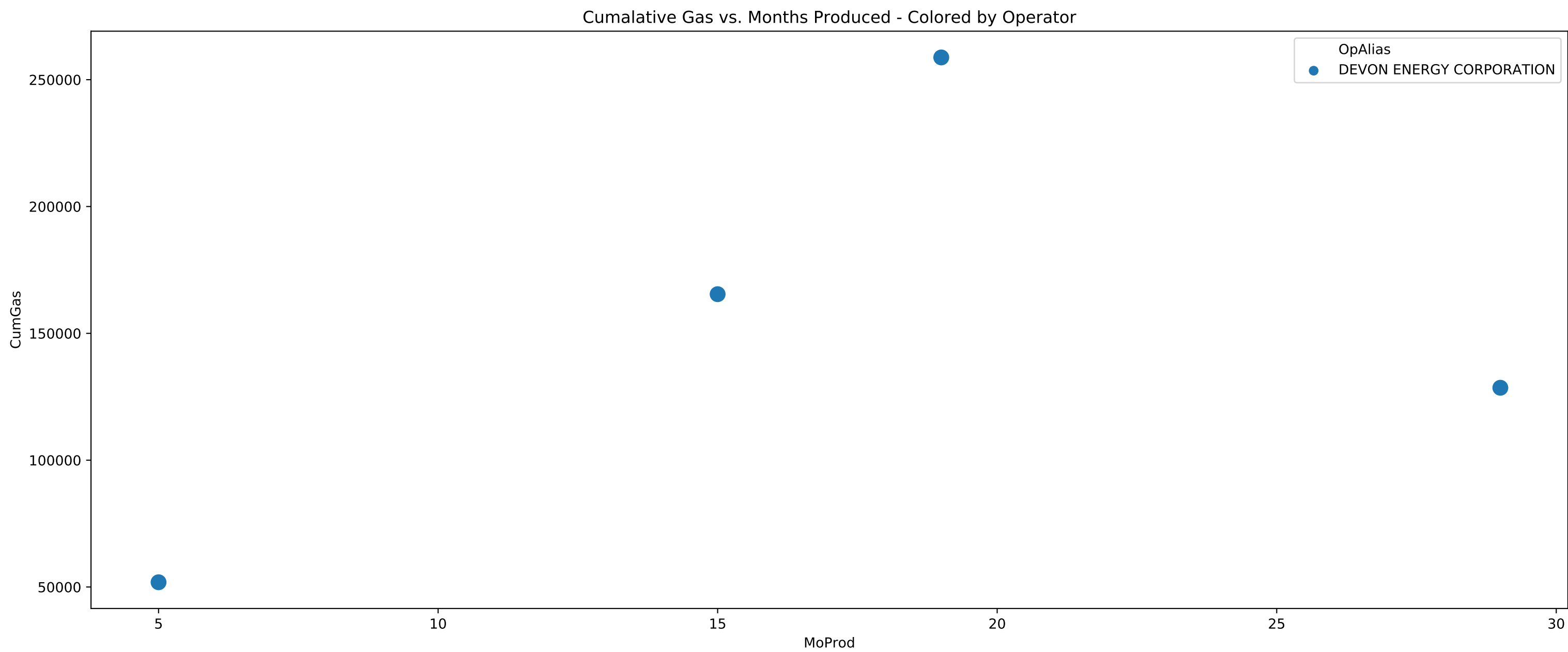
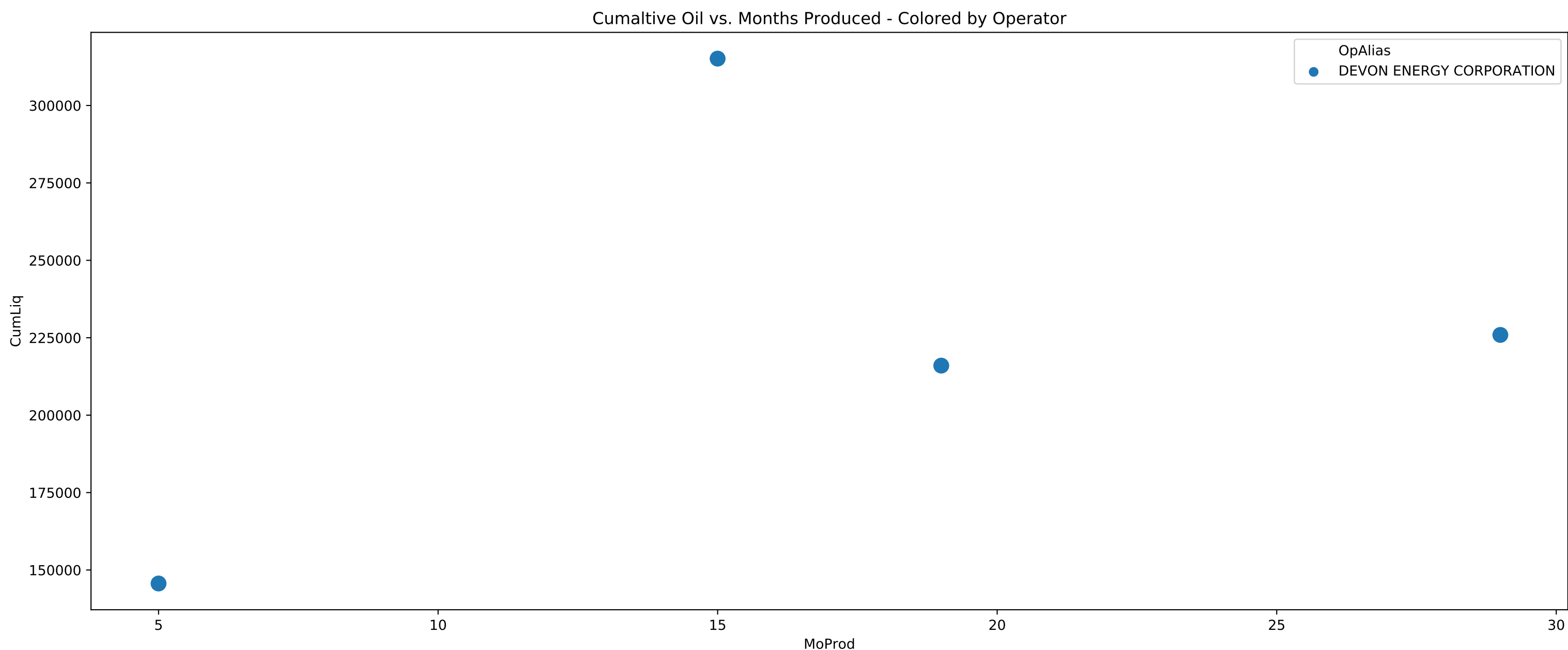
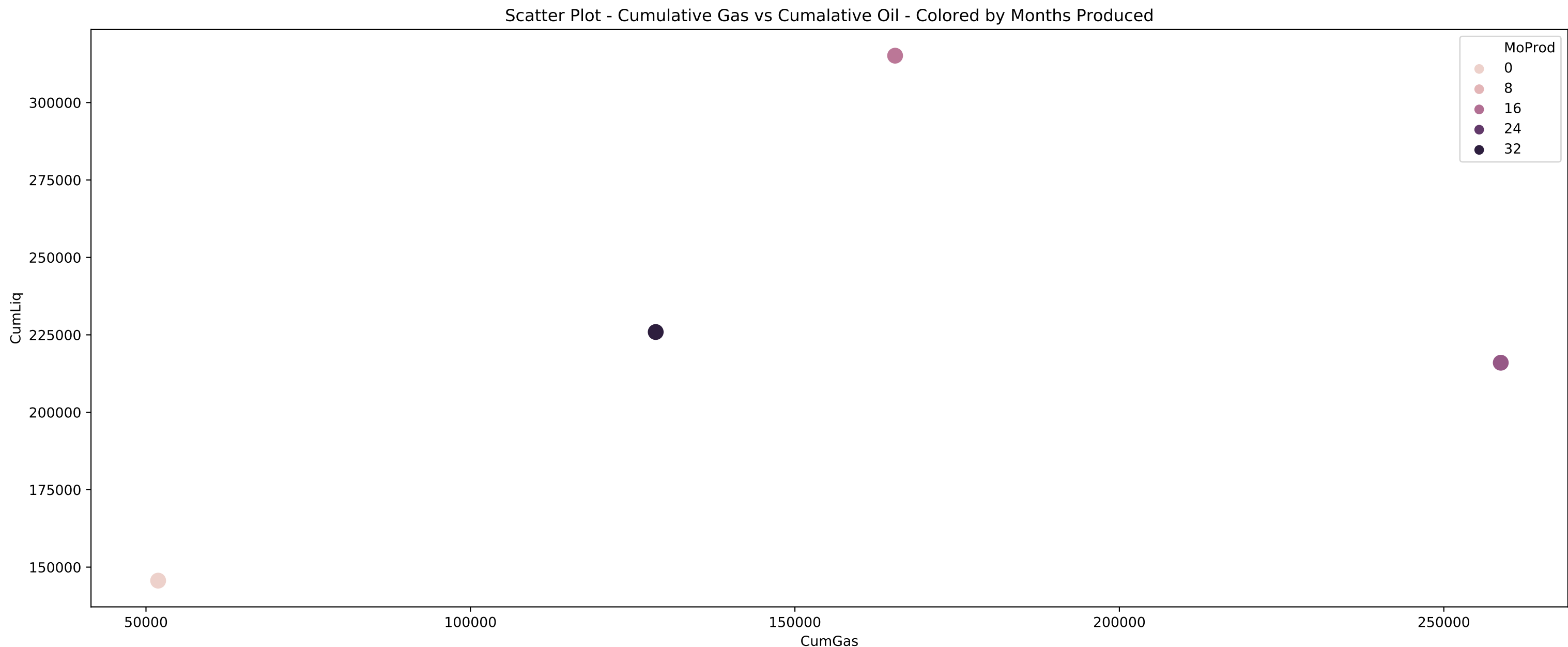
Permits by Well Type (H,D,V)



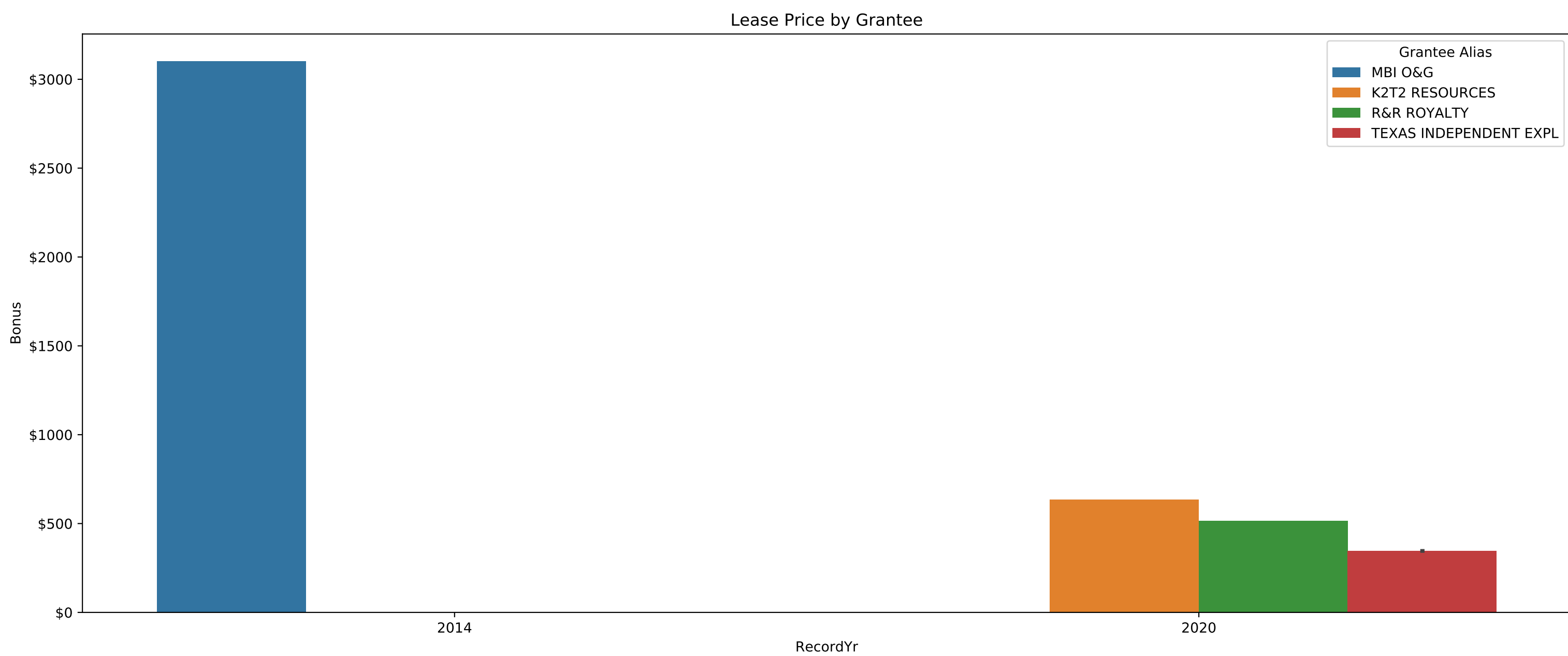
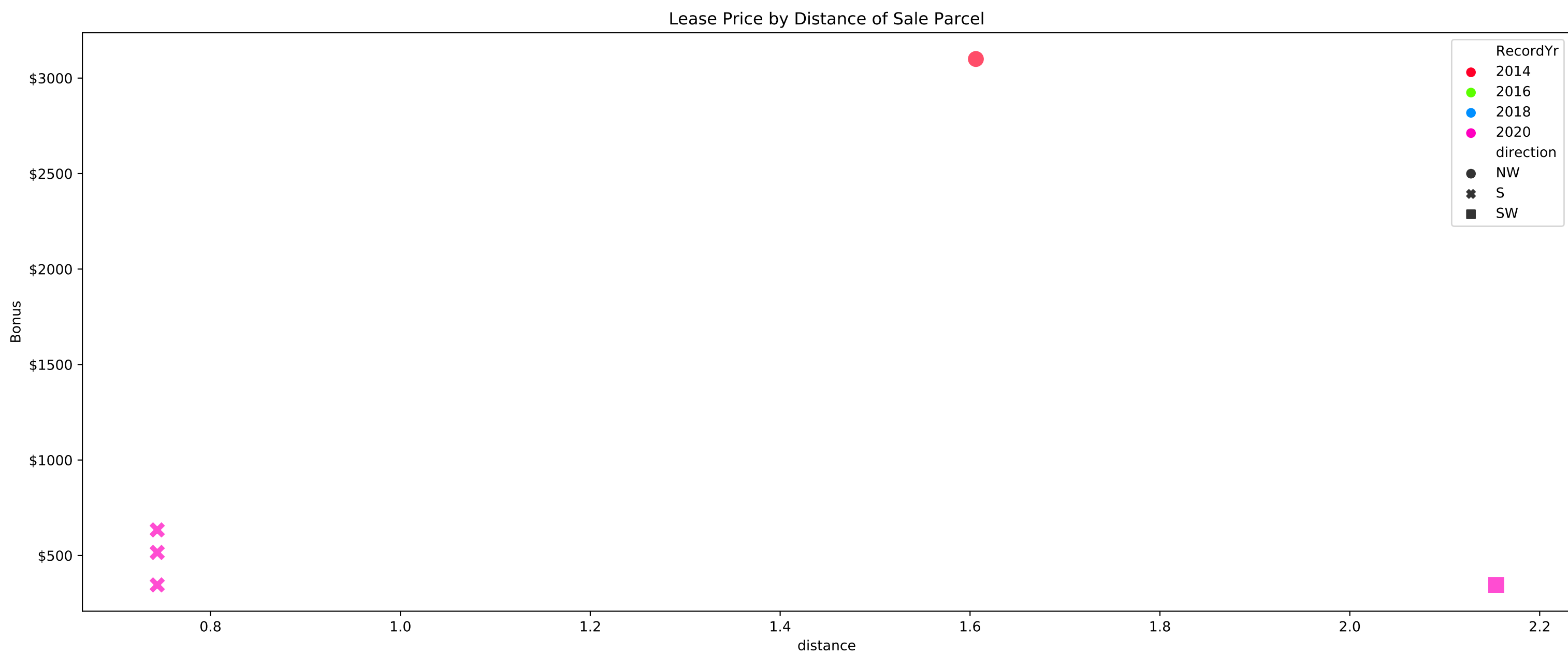
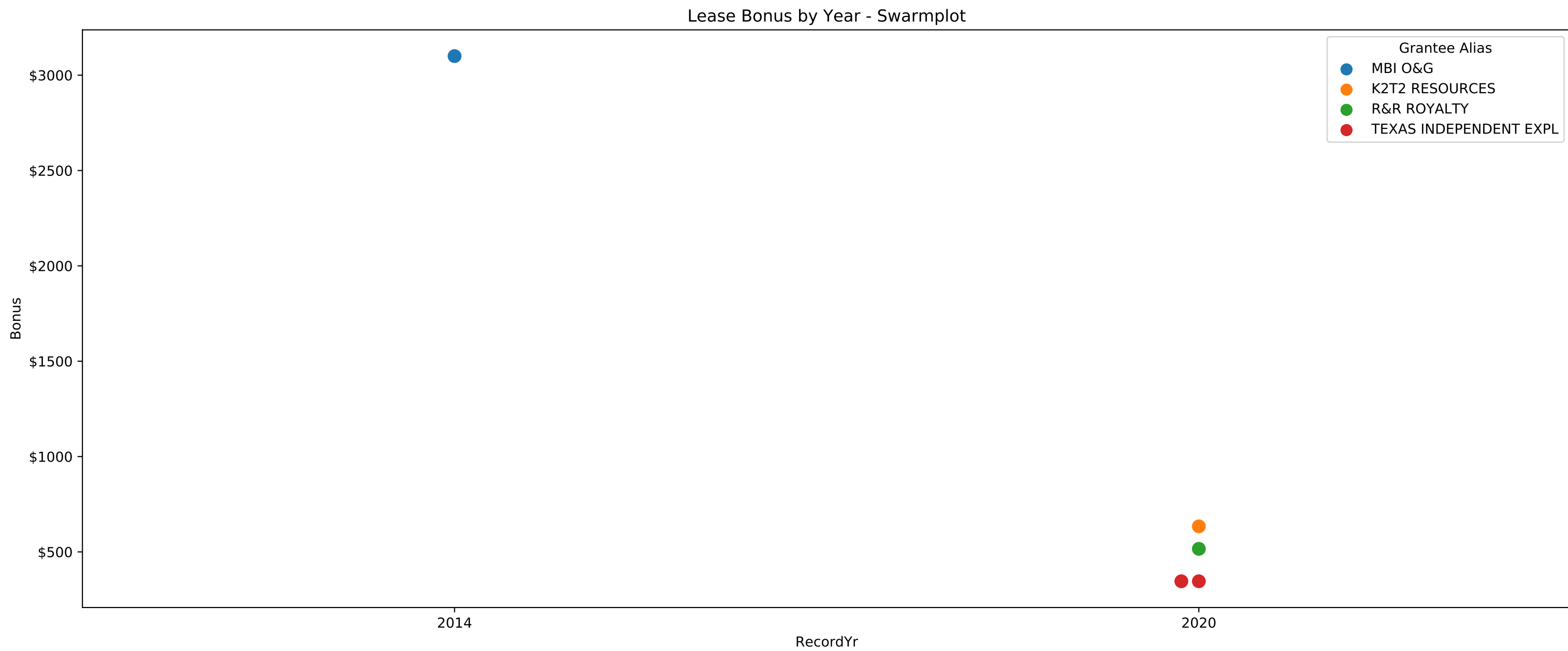
Permit Horizontal Lengths - Binned



Production Dashboard for tract 127



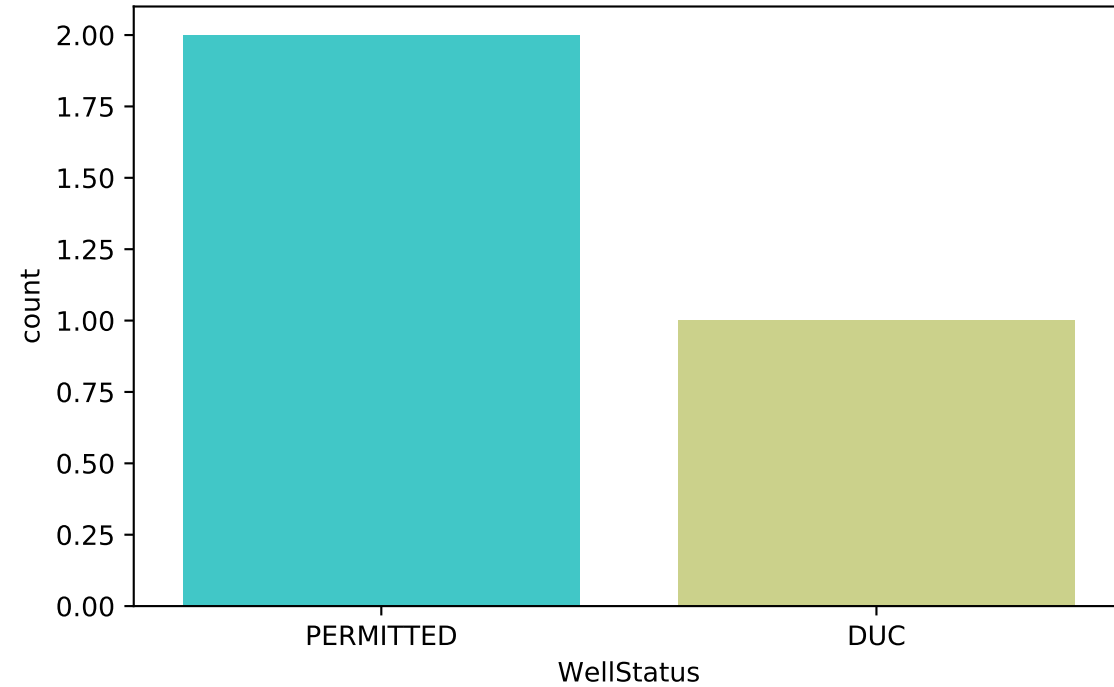
Lease Summary for tract 127
Total Number of Leases: 5
Average Price \$460/acre in 2020



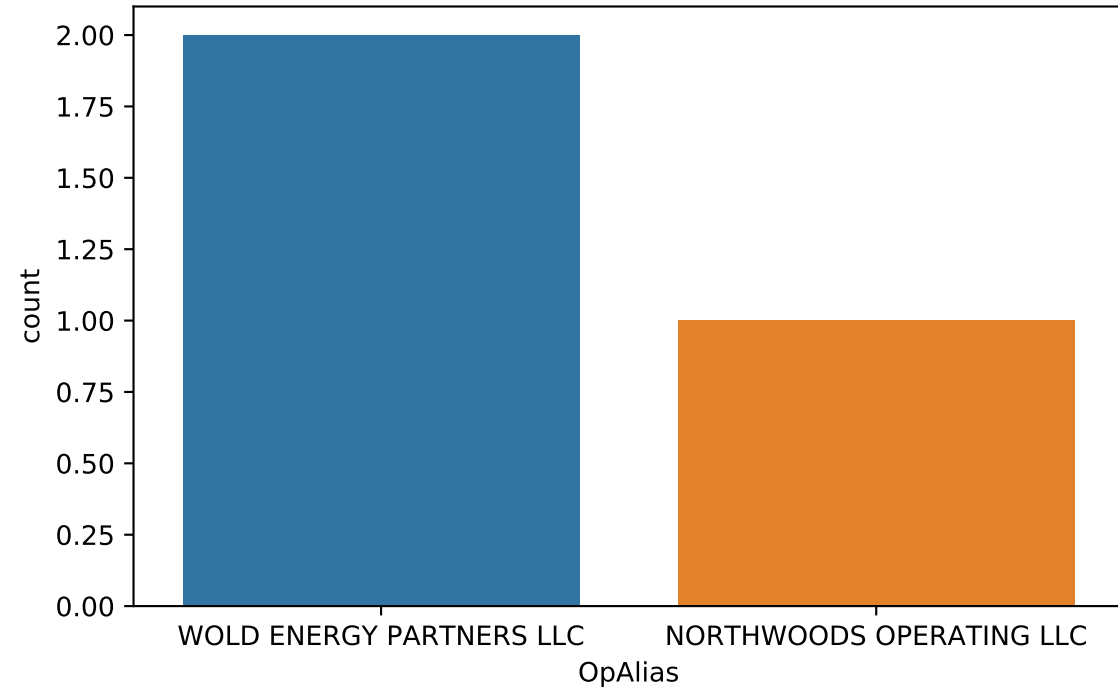
Permit Summary for Tract 21

Total permits: 3

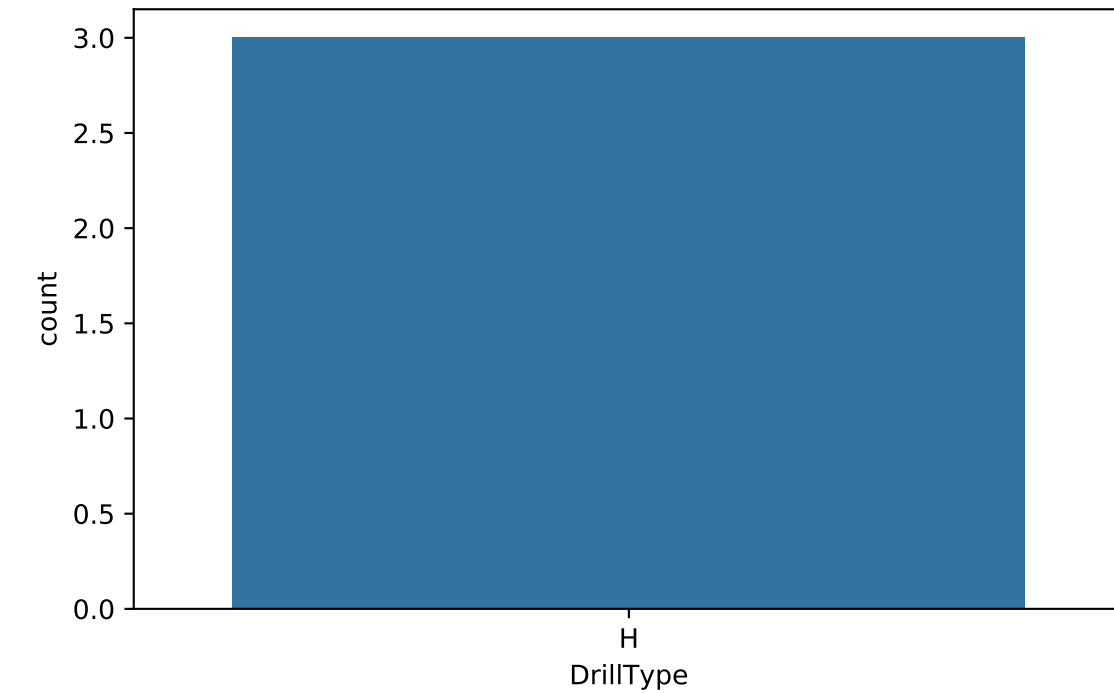
Permits by Well Status



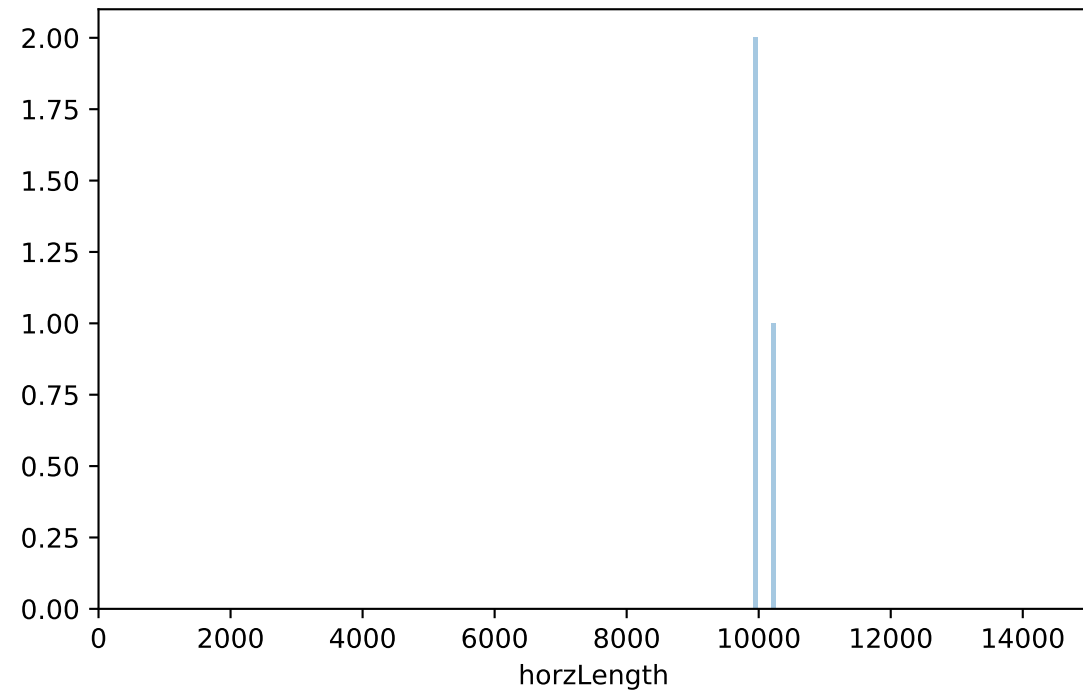
Permits by Operator



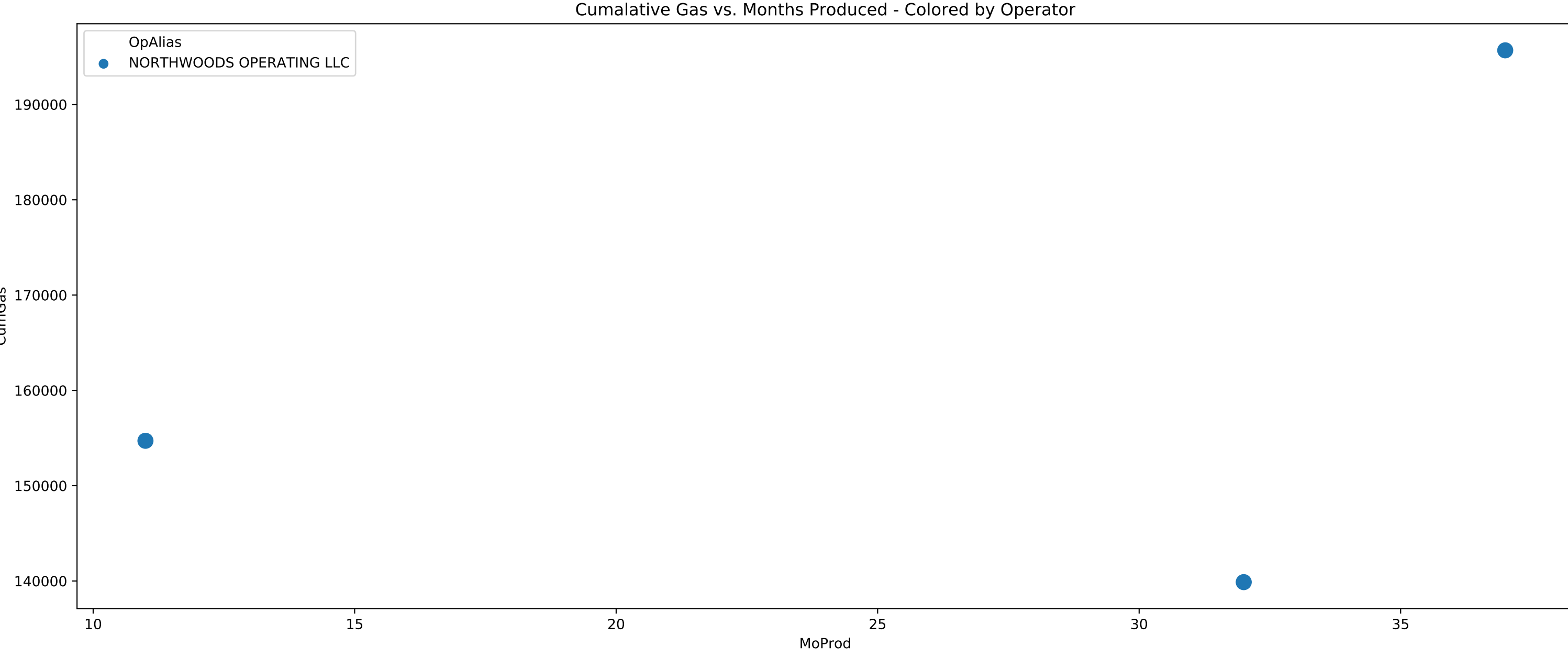
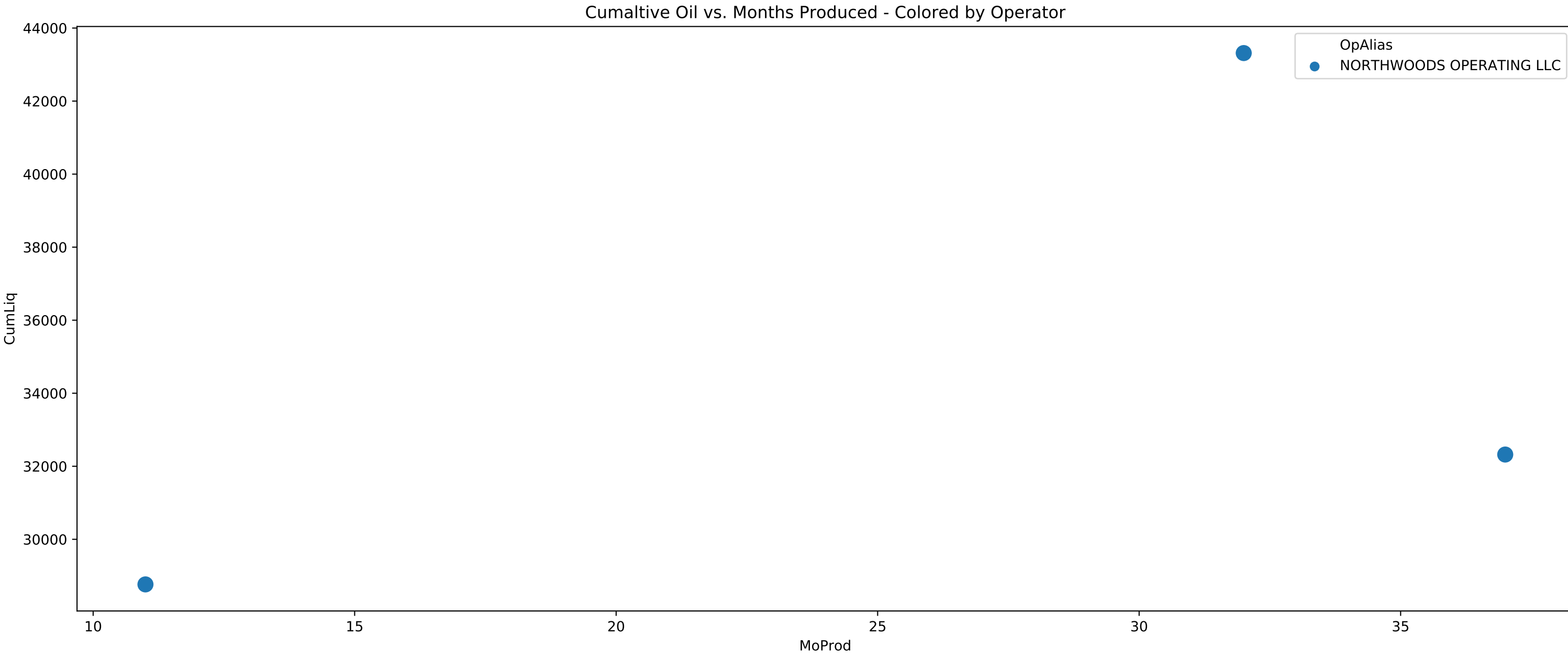
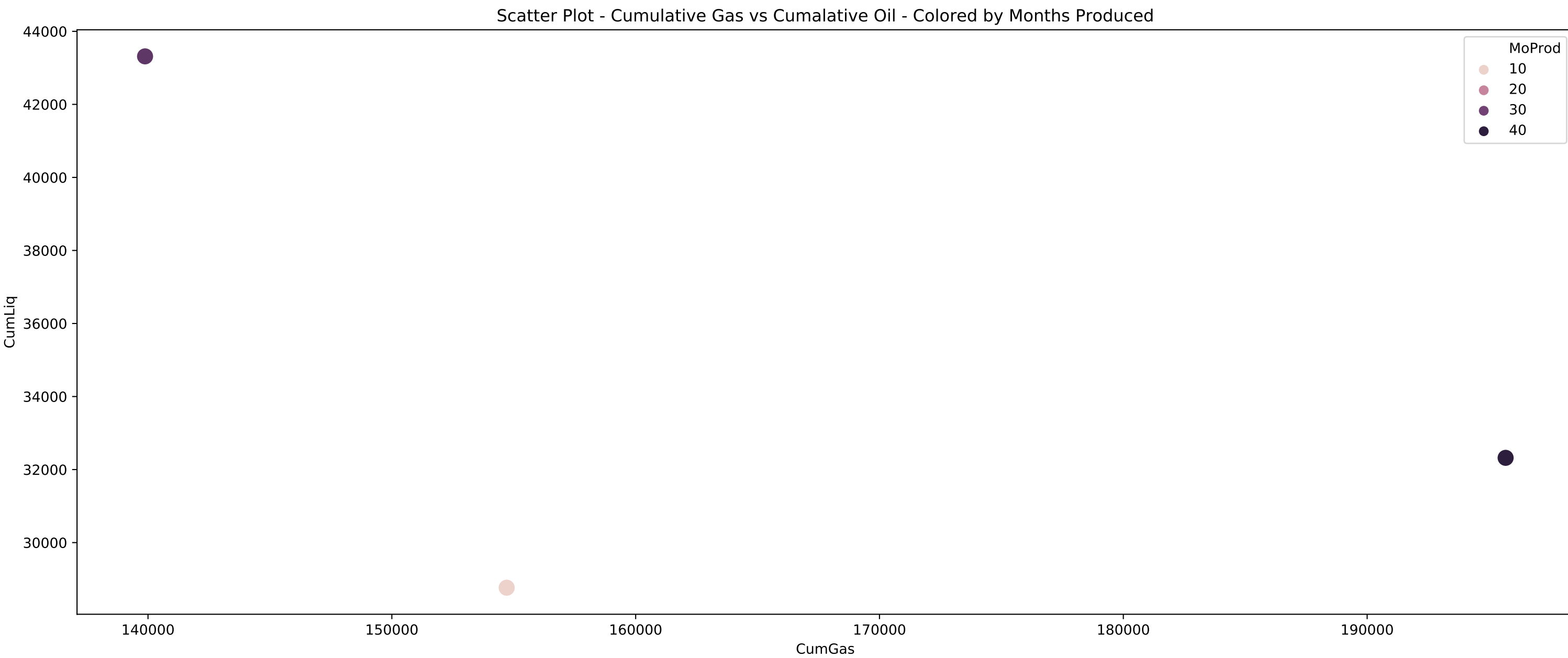
Permits by Well Type (H,D,V)



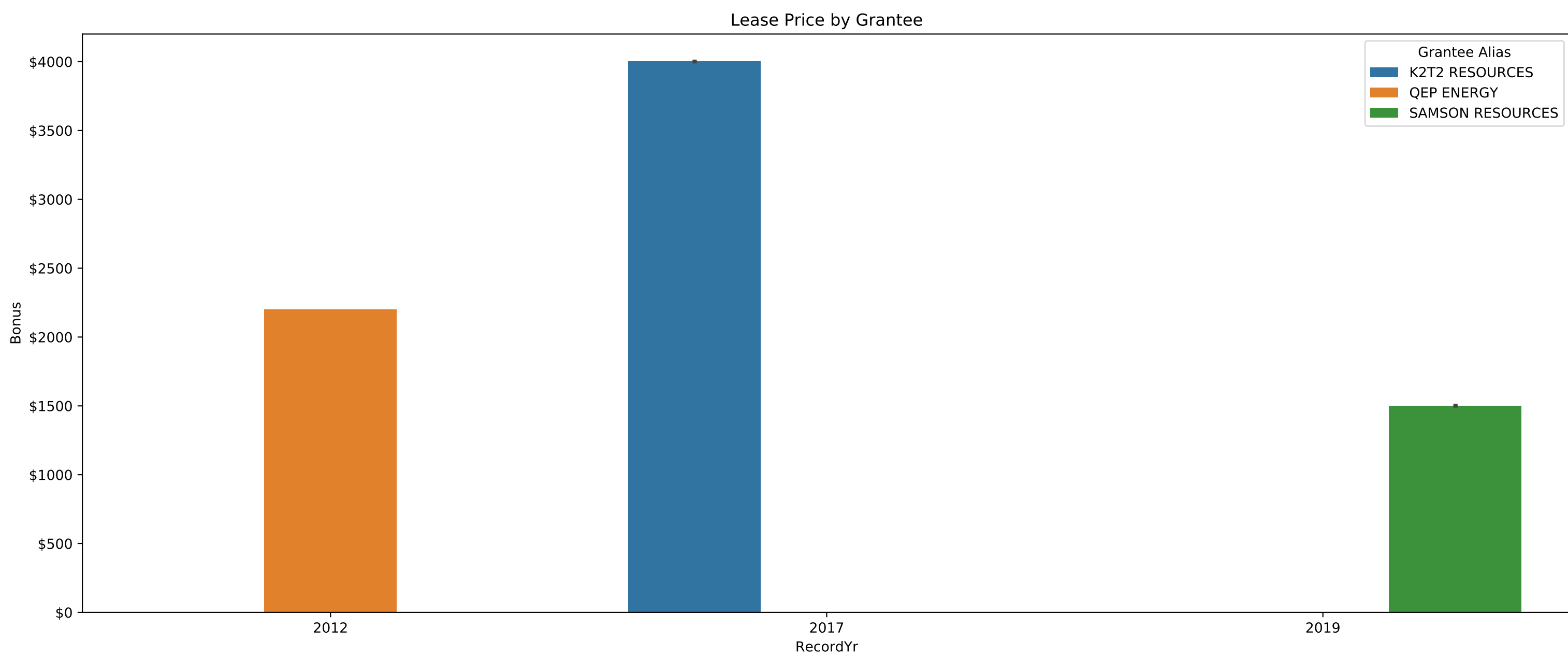
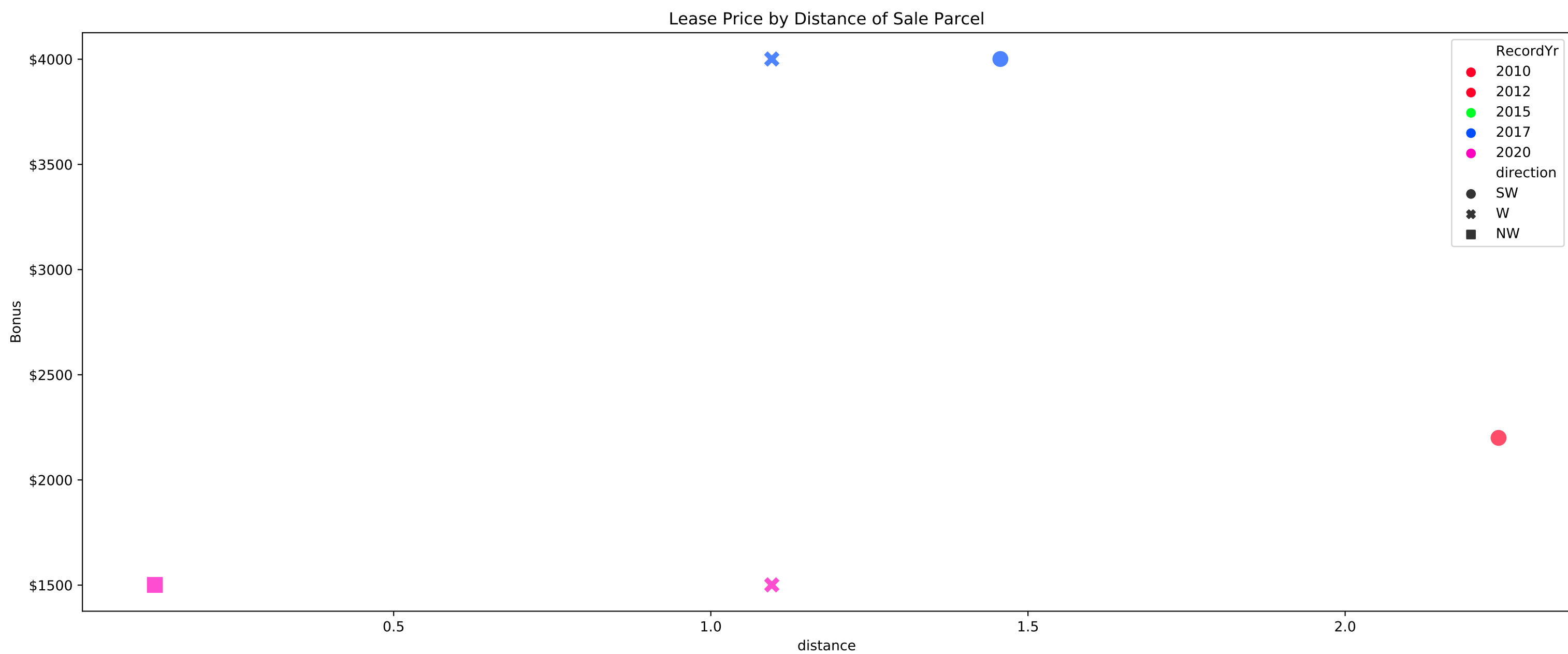
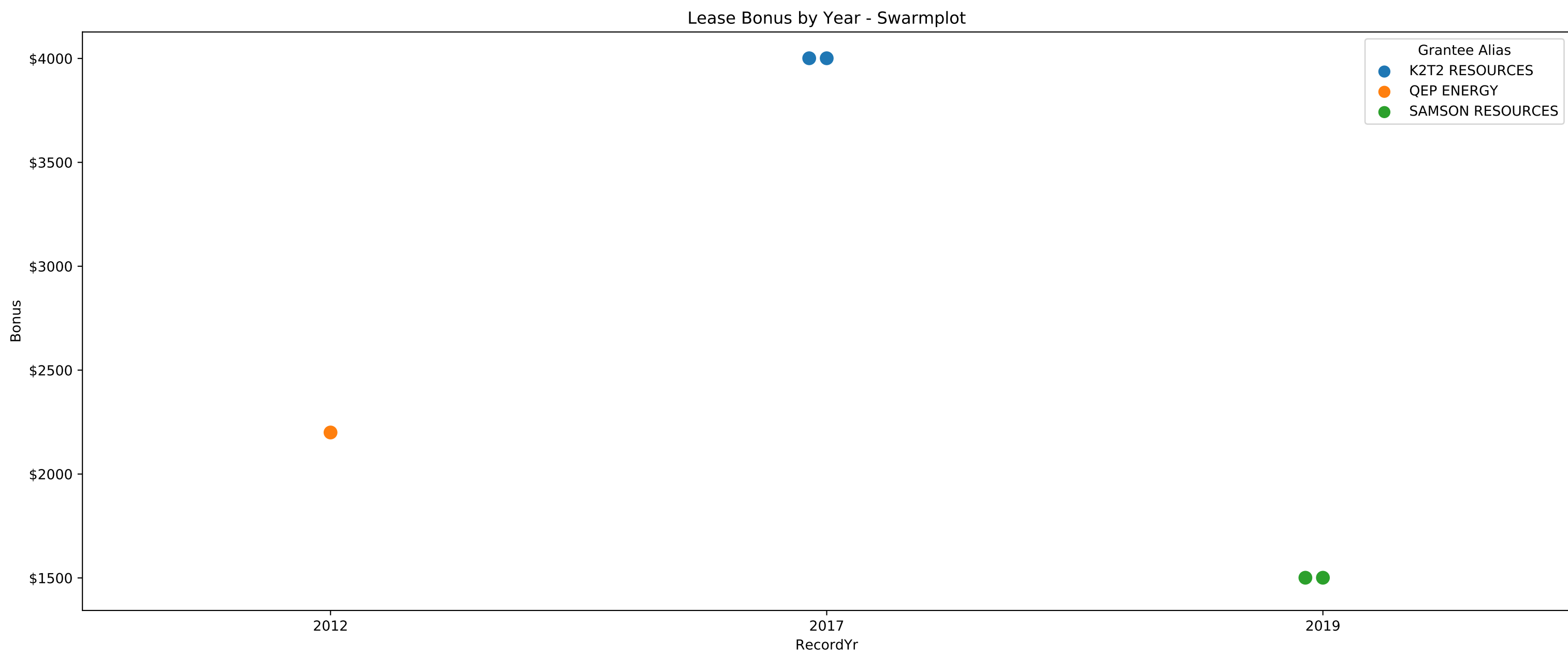
Permit Horizontal Lengths - Binned



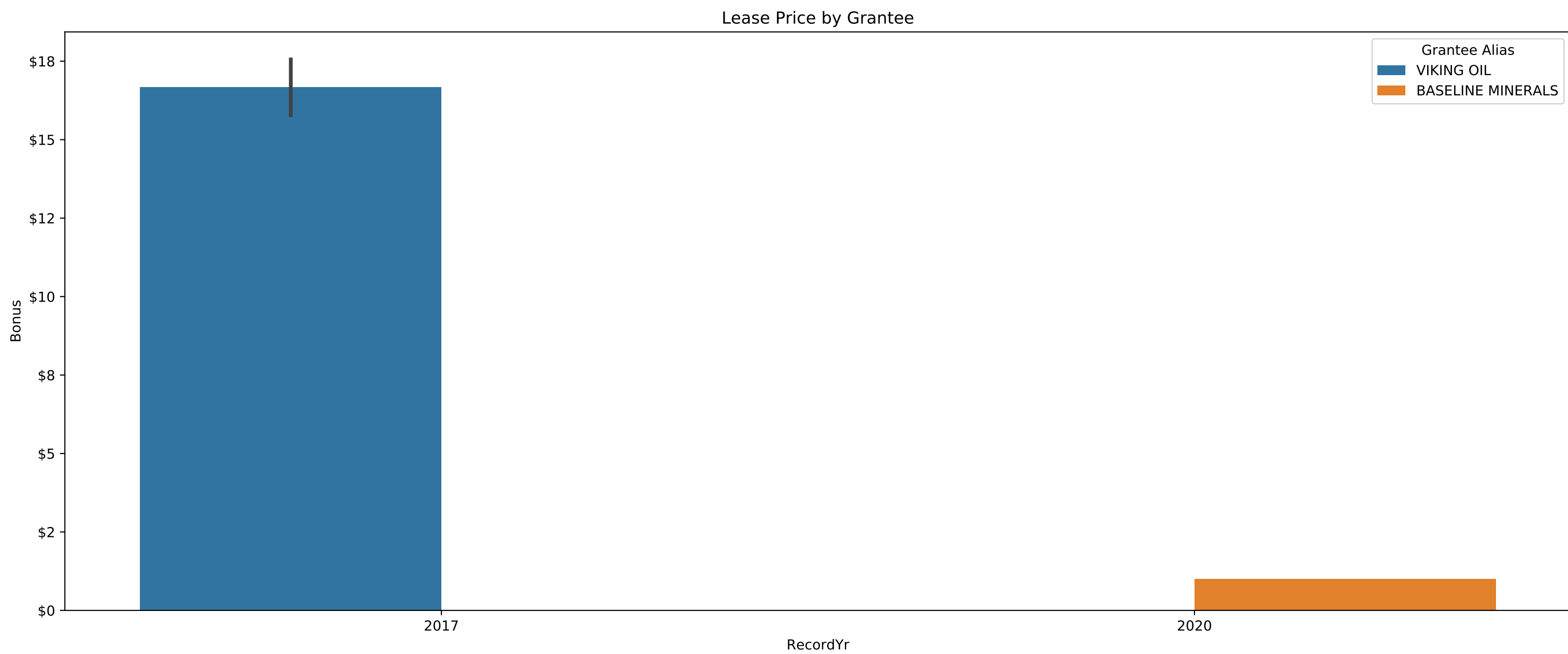
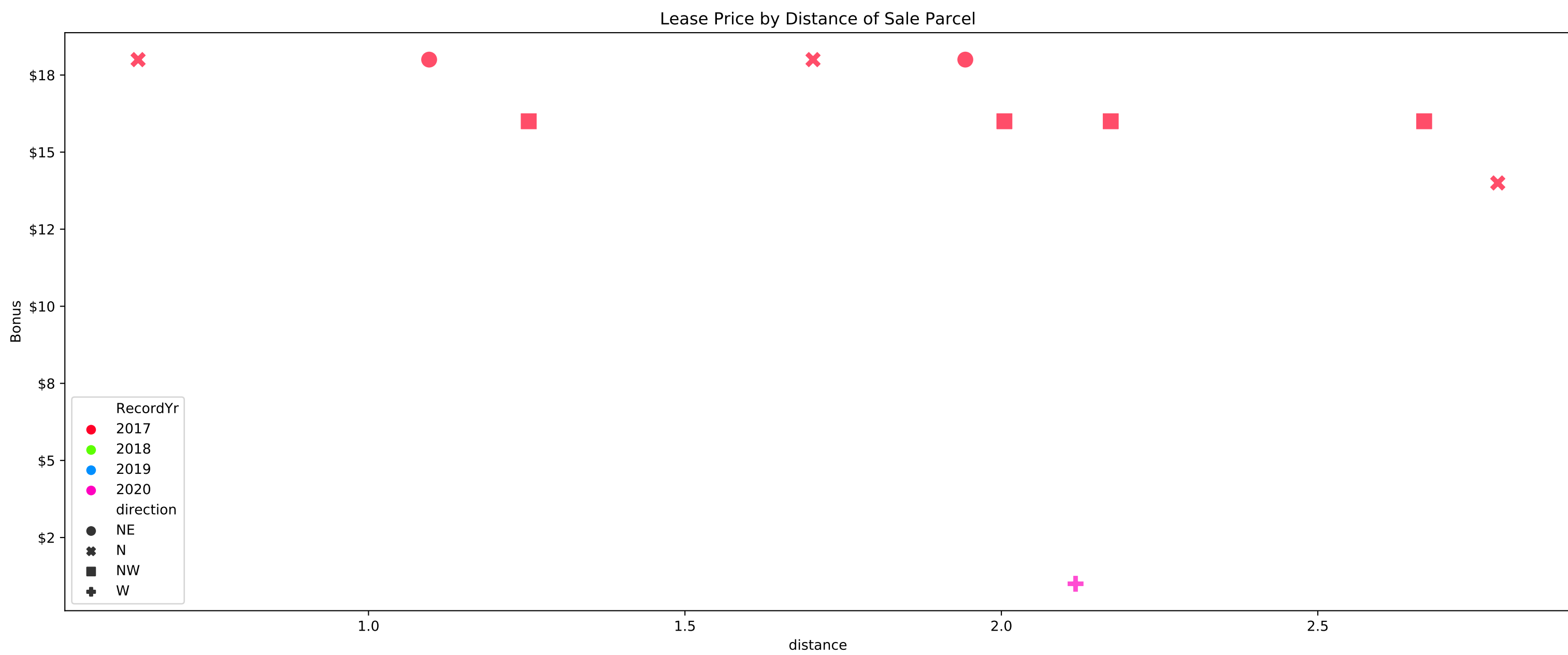
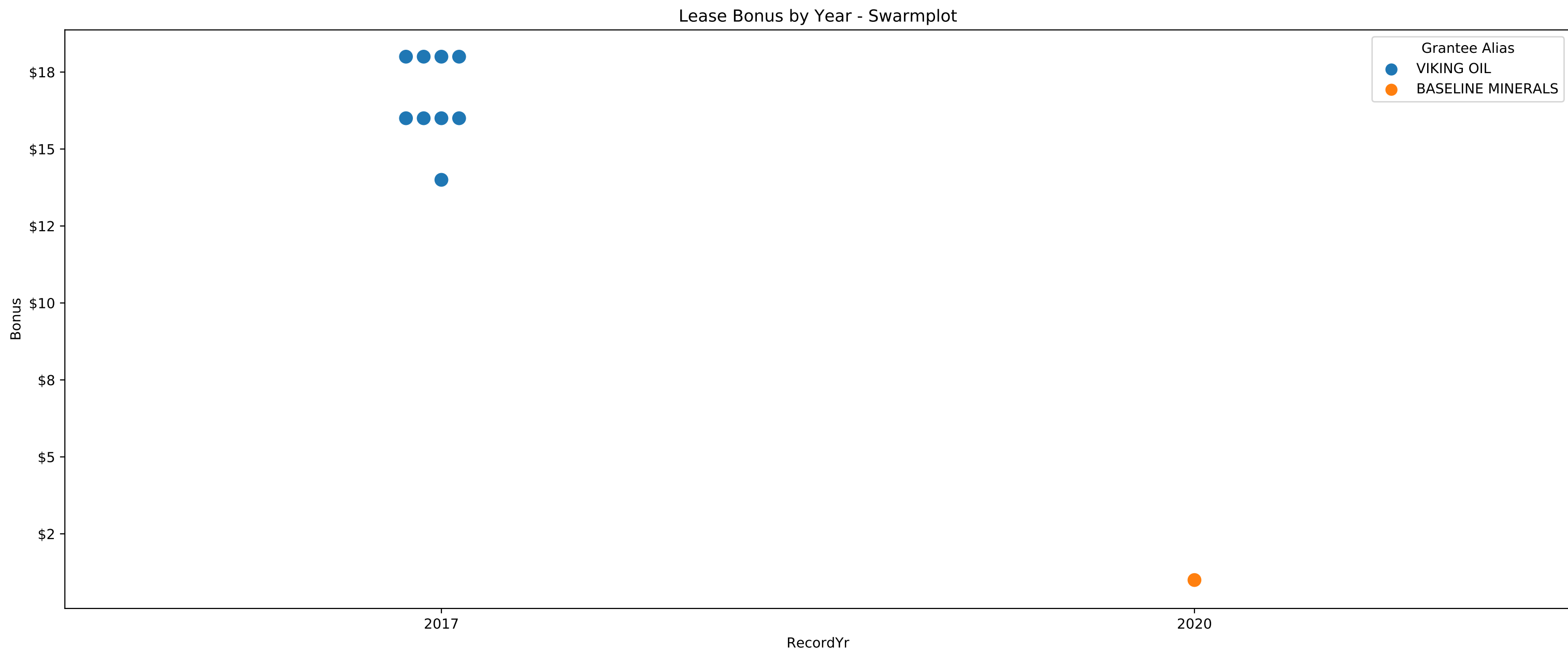
Production Dashboard for tract 21



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



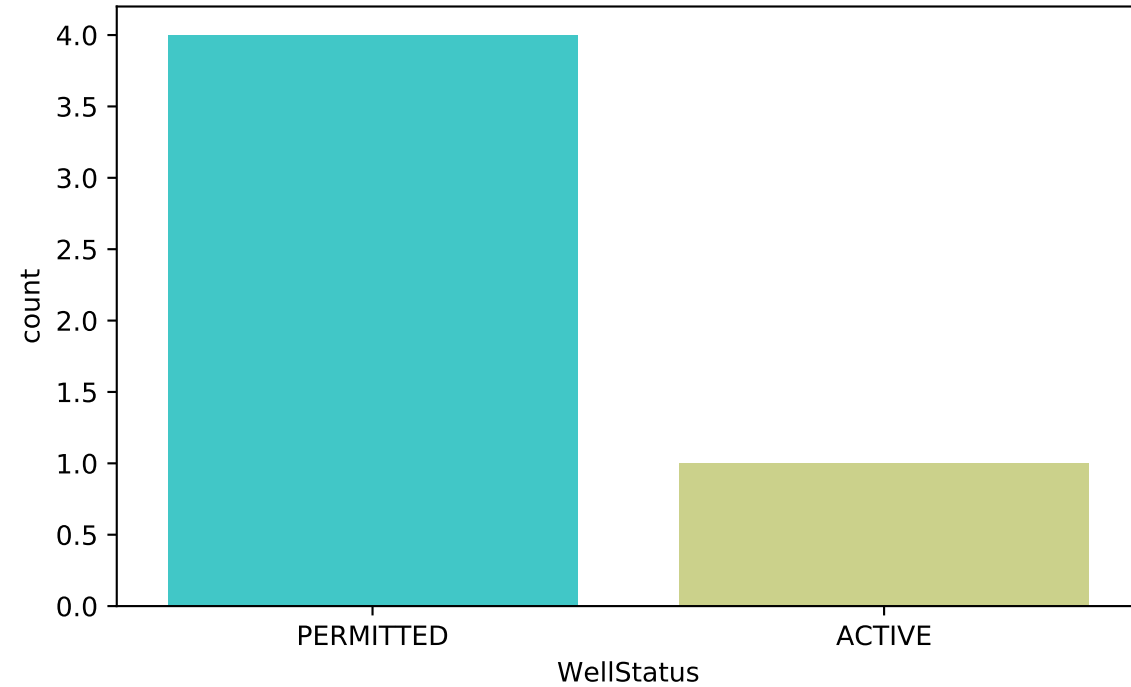
Lease Summary for tract 20
Total Number of Leases: 10
Average Price \$1/acre in 2020



Permit Summary for Tract 19

Total permits: 5

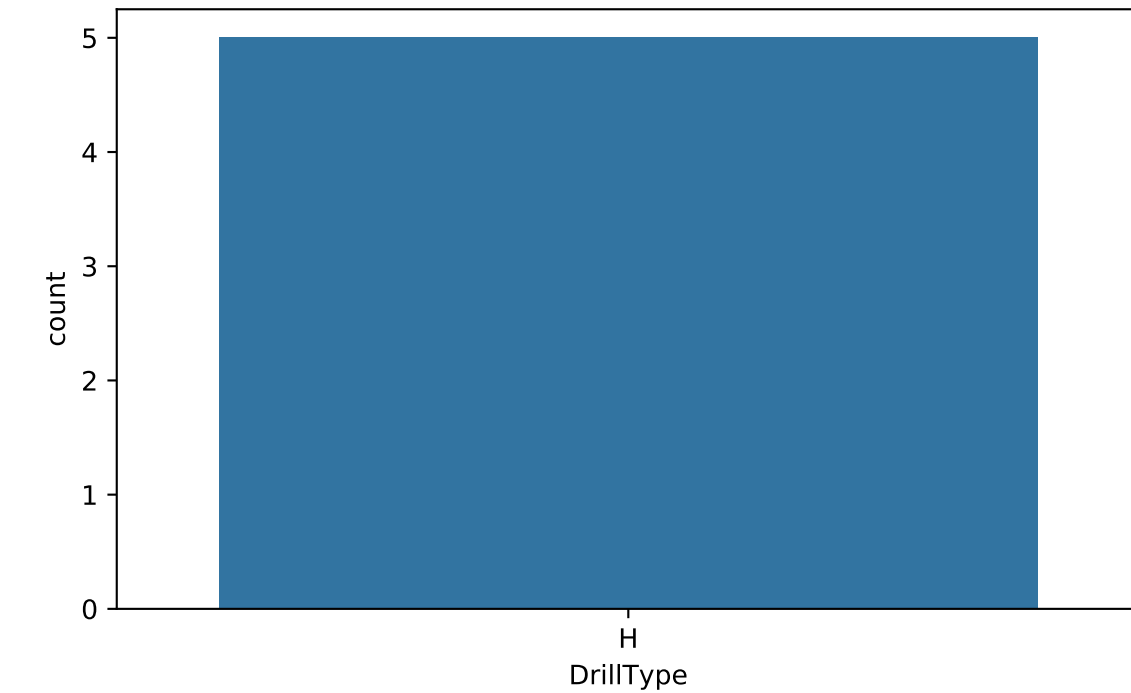
Permits by Well Status



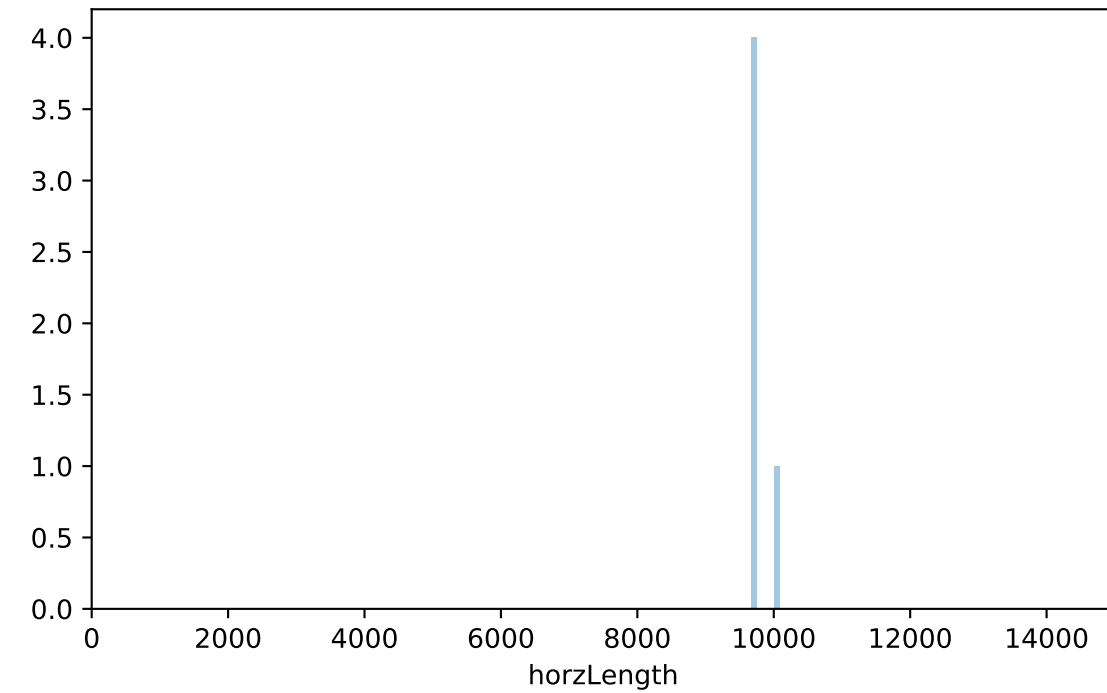
Permits by Operator



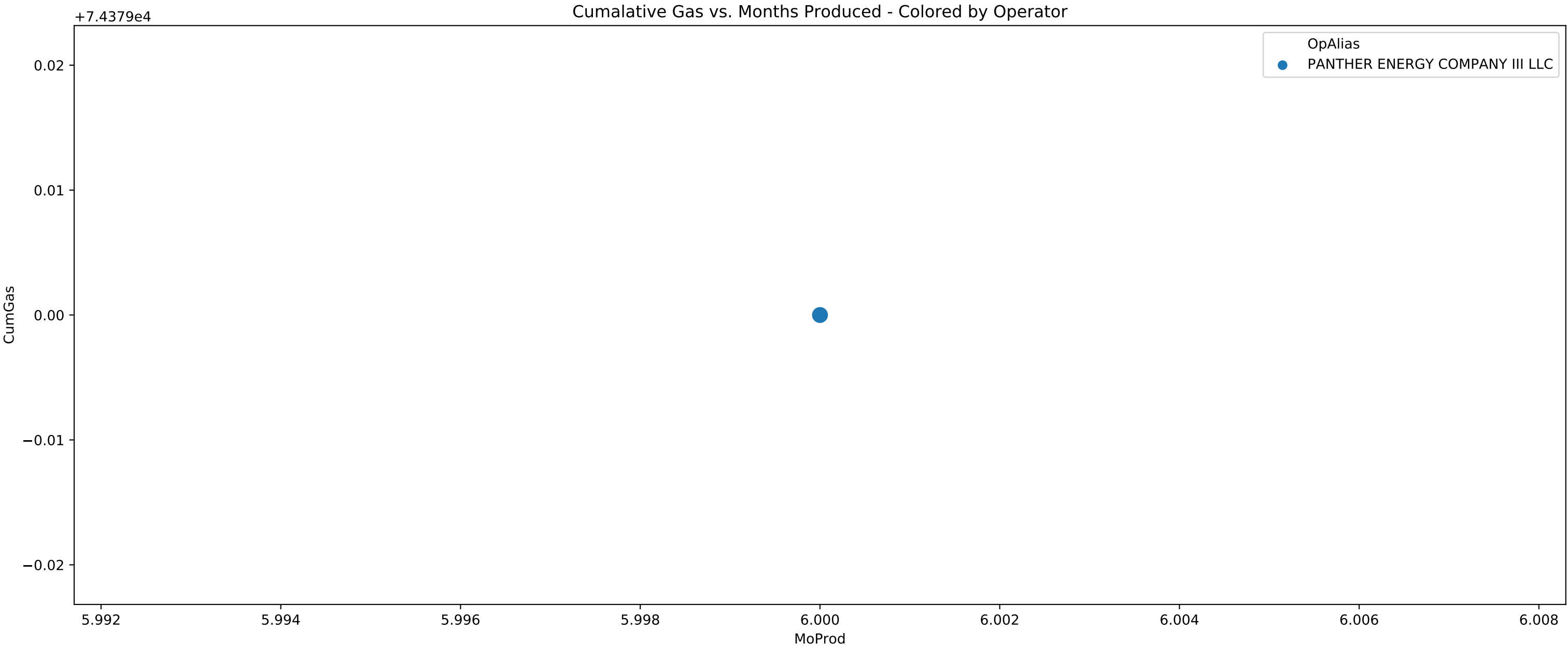
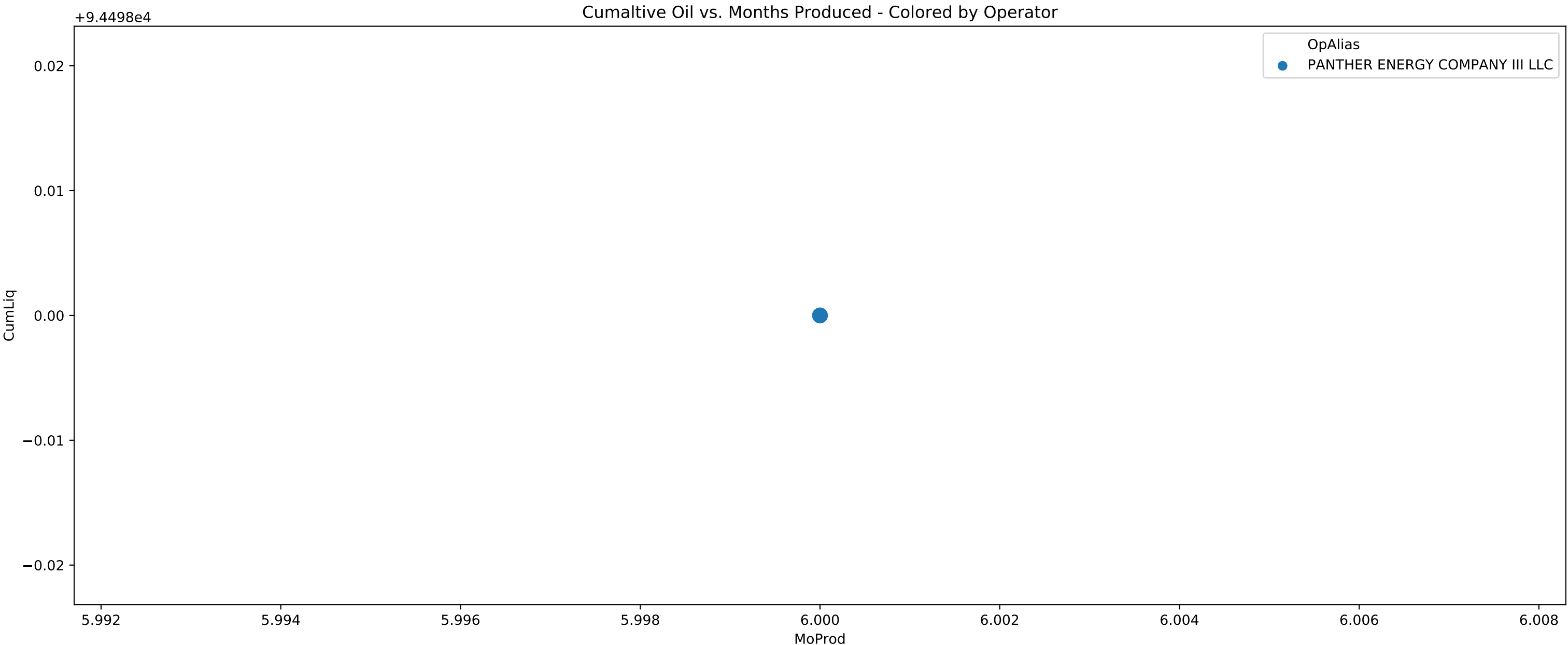
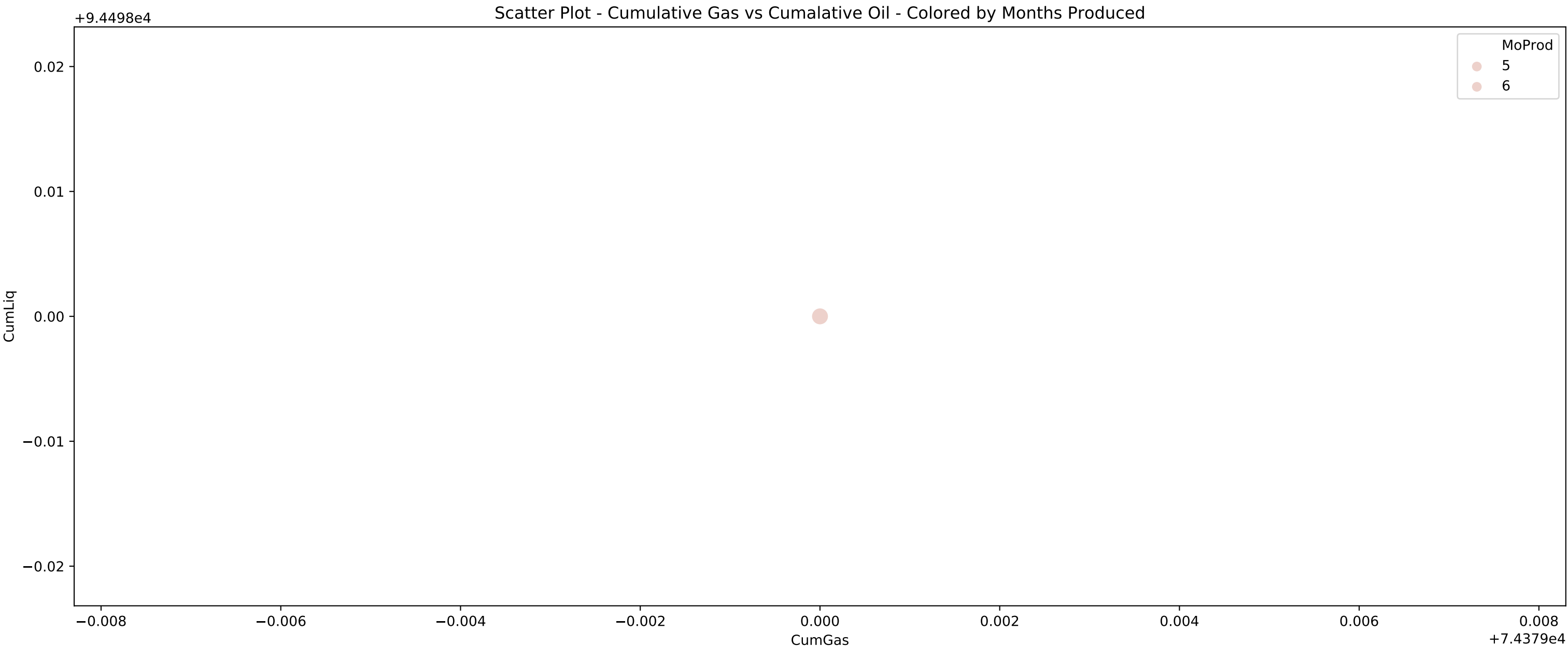
Permits by Well Type (H,D,V)



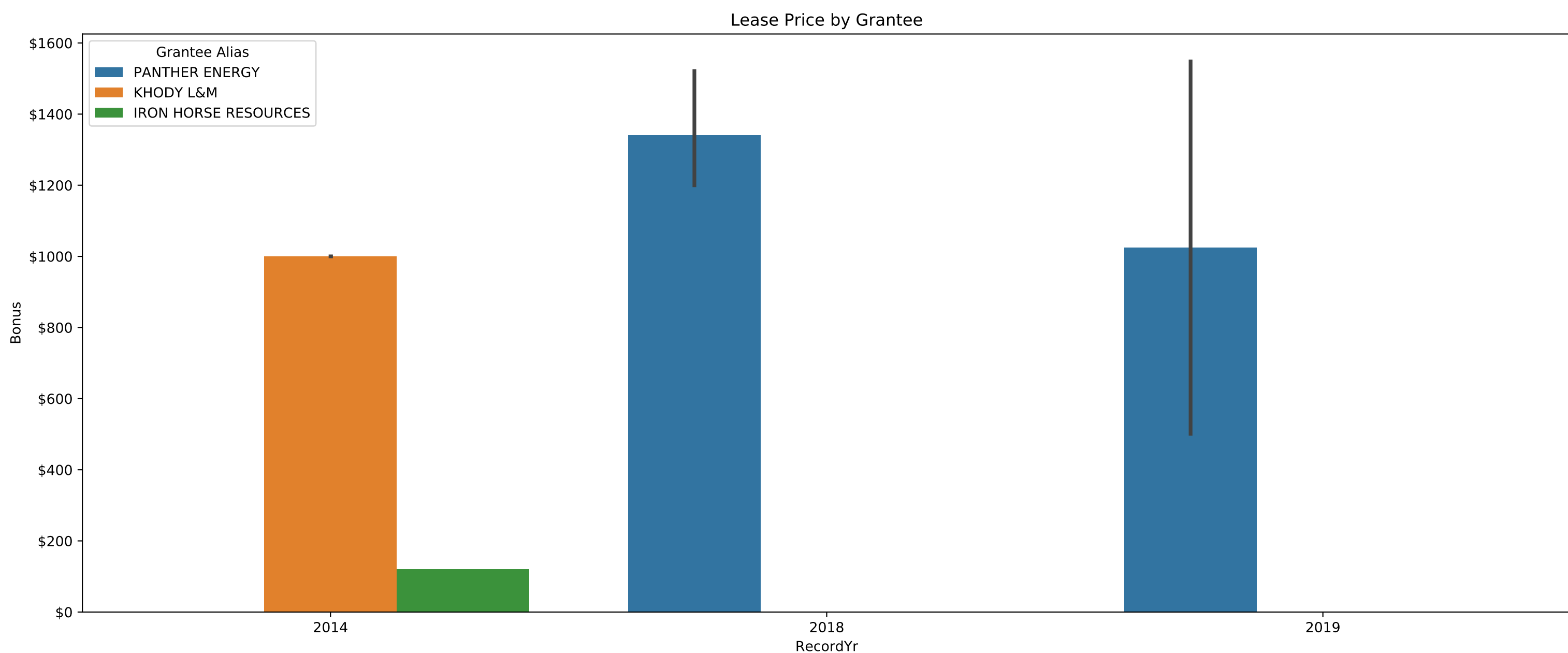
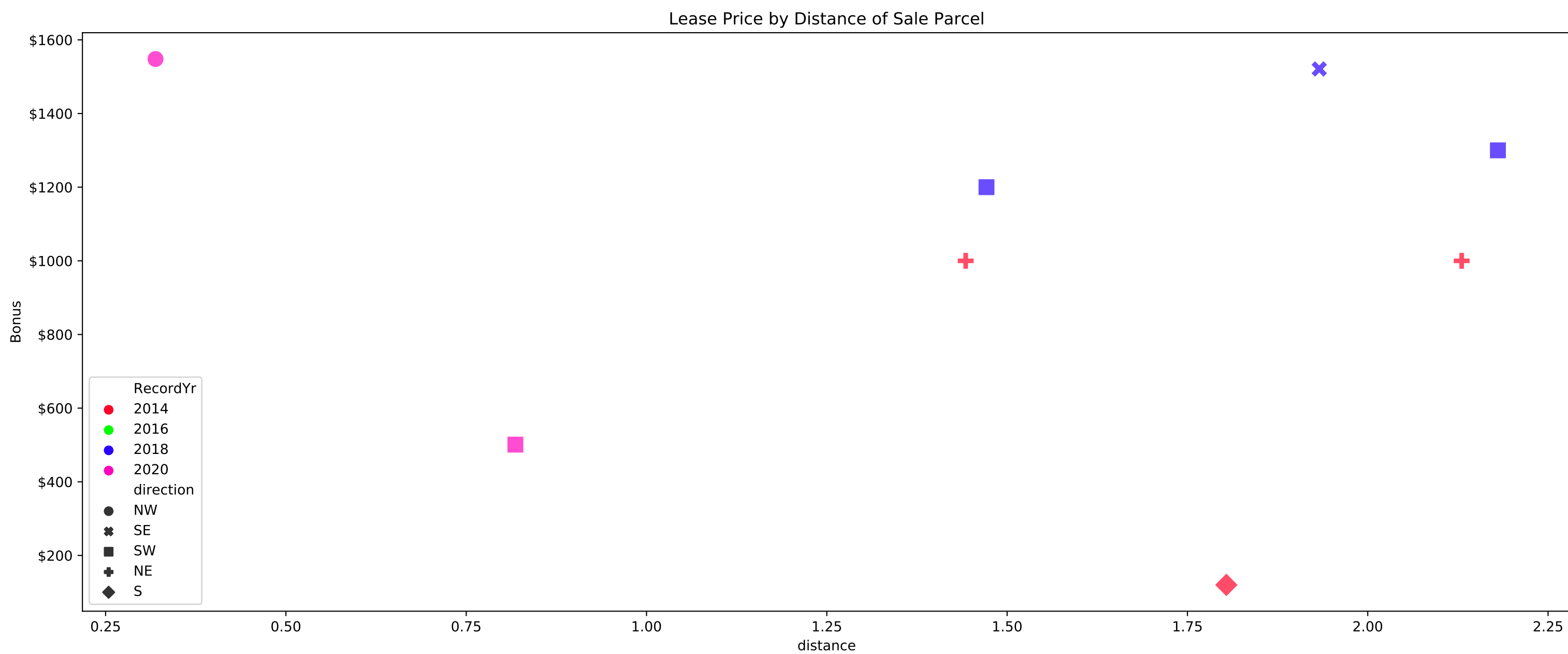
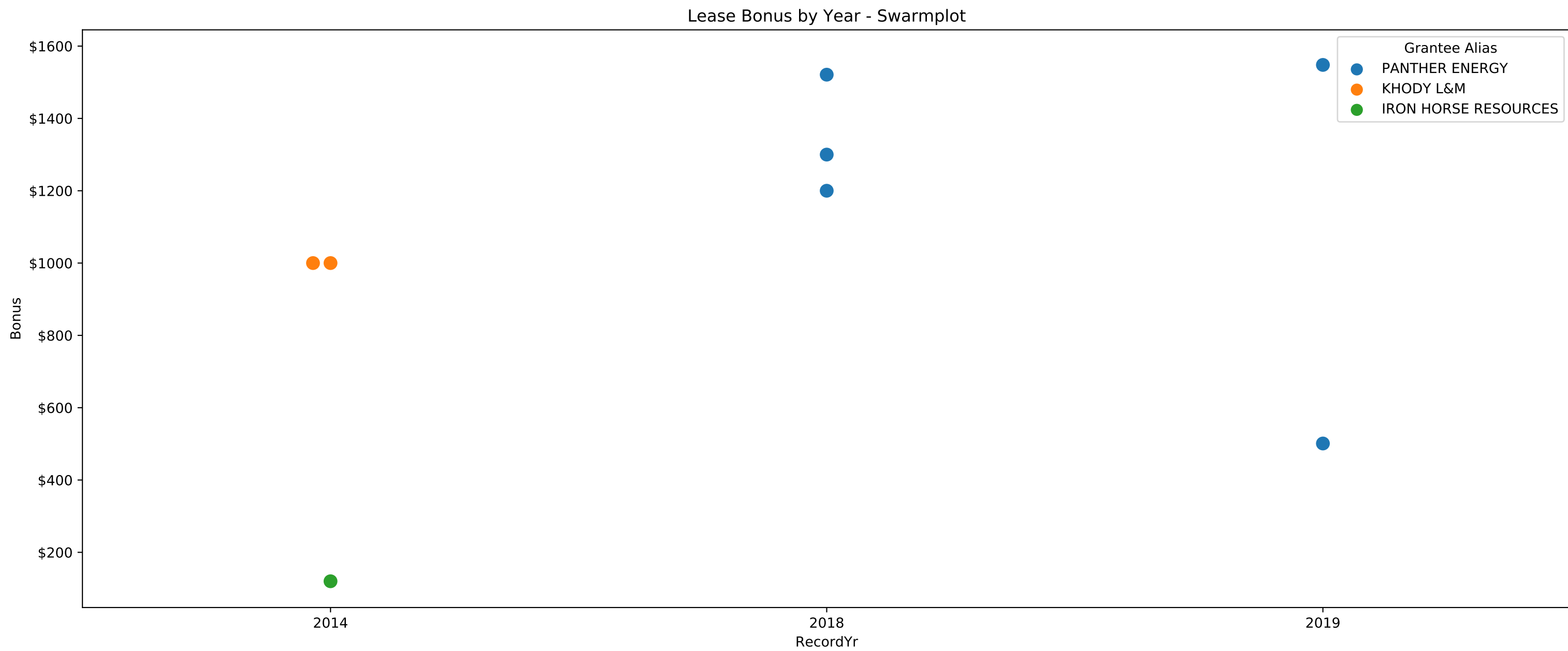
Permit Horizontal Lengths - Binned



Production Dashboard for tract 19



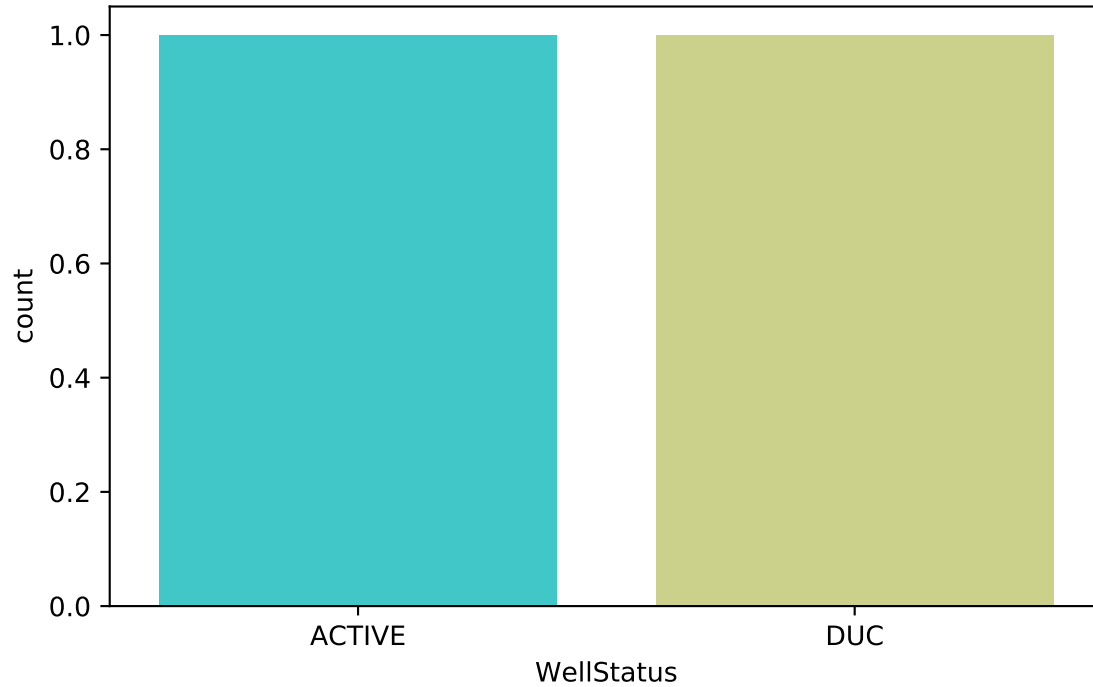
Lease Summary for tract 19
Total Number of Leases: 8
Average Price \$1024/acre in 2019



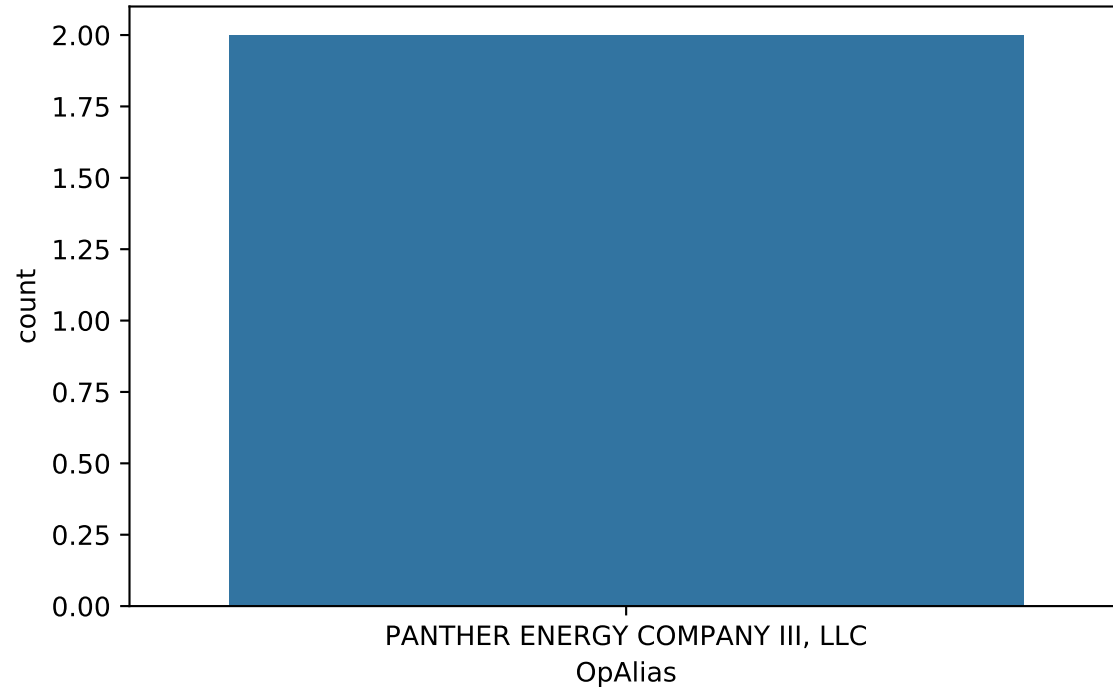
Permit Summary for Tract 18

Total permits: 2

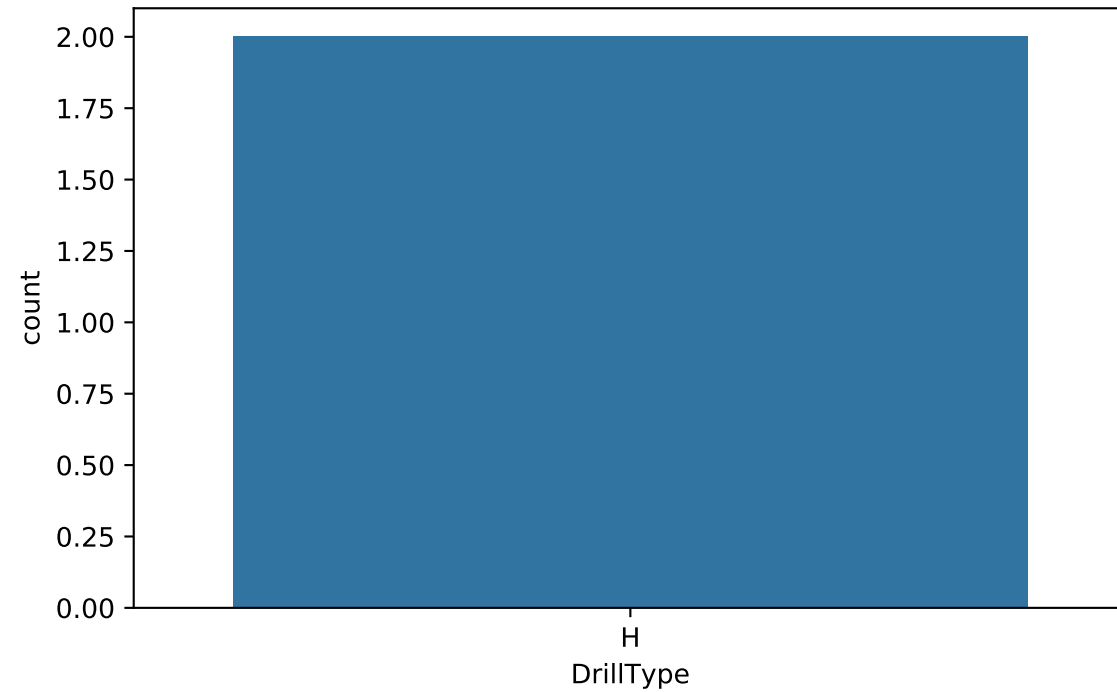
Permits by Well Status



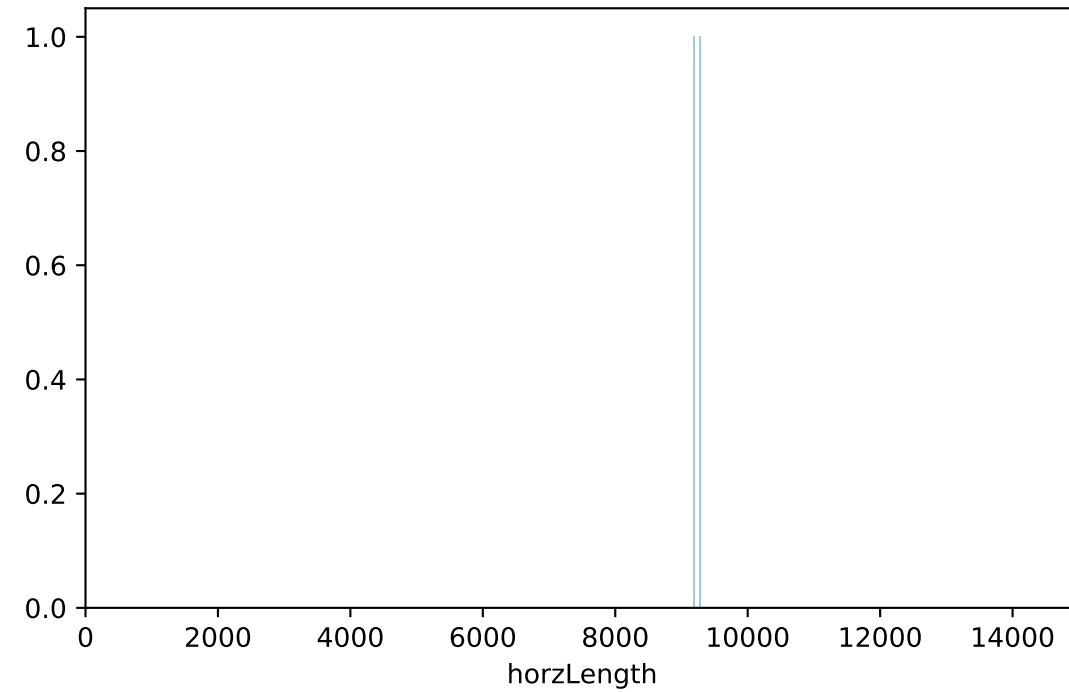
Permits by Operator



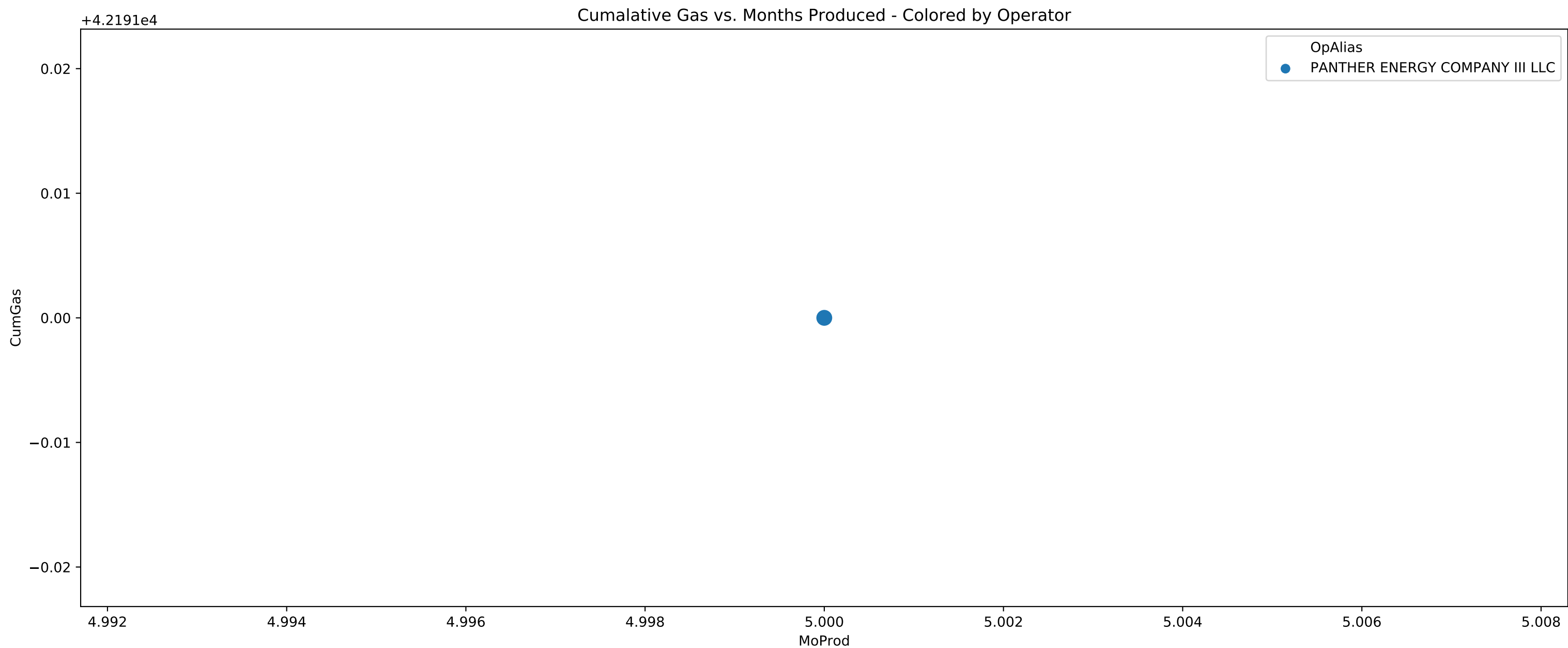
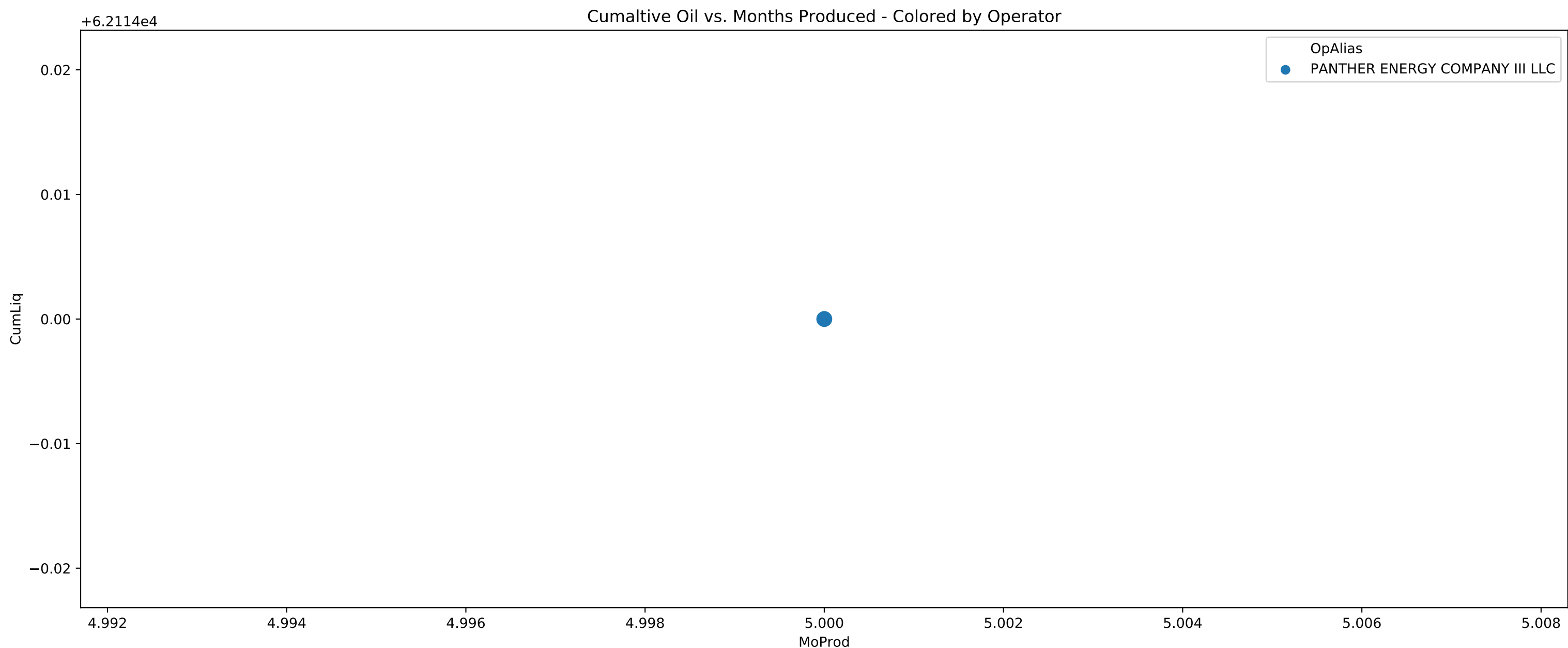
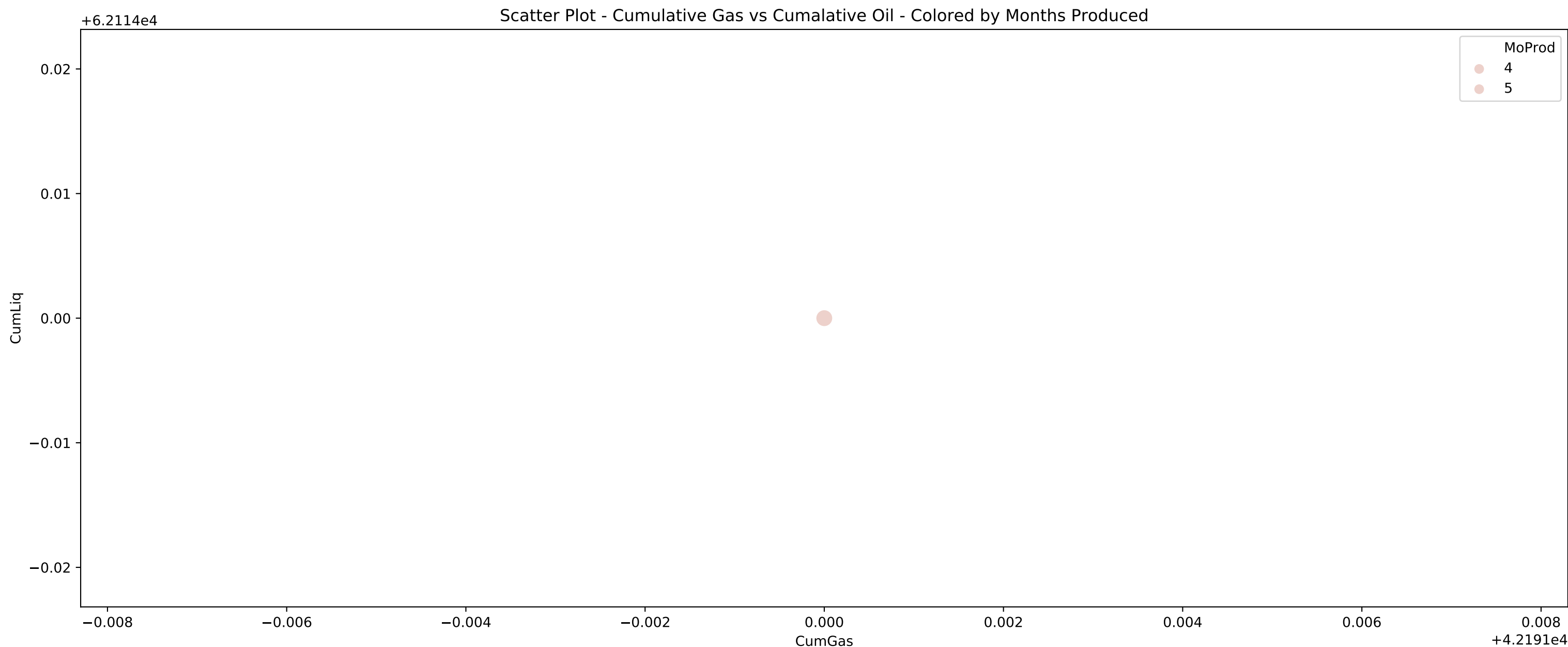
Permits by Well Type (H,D,V)



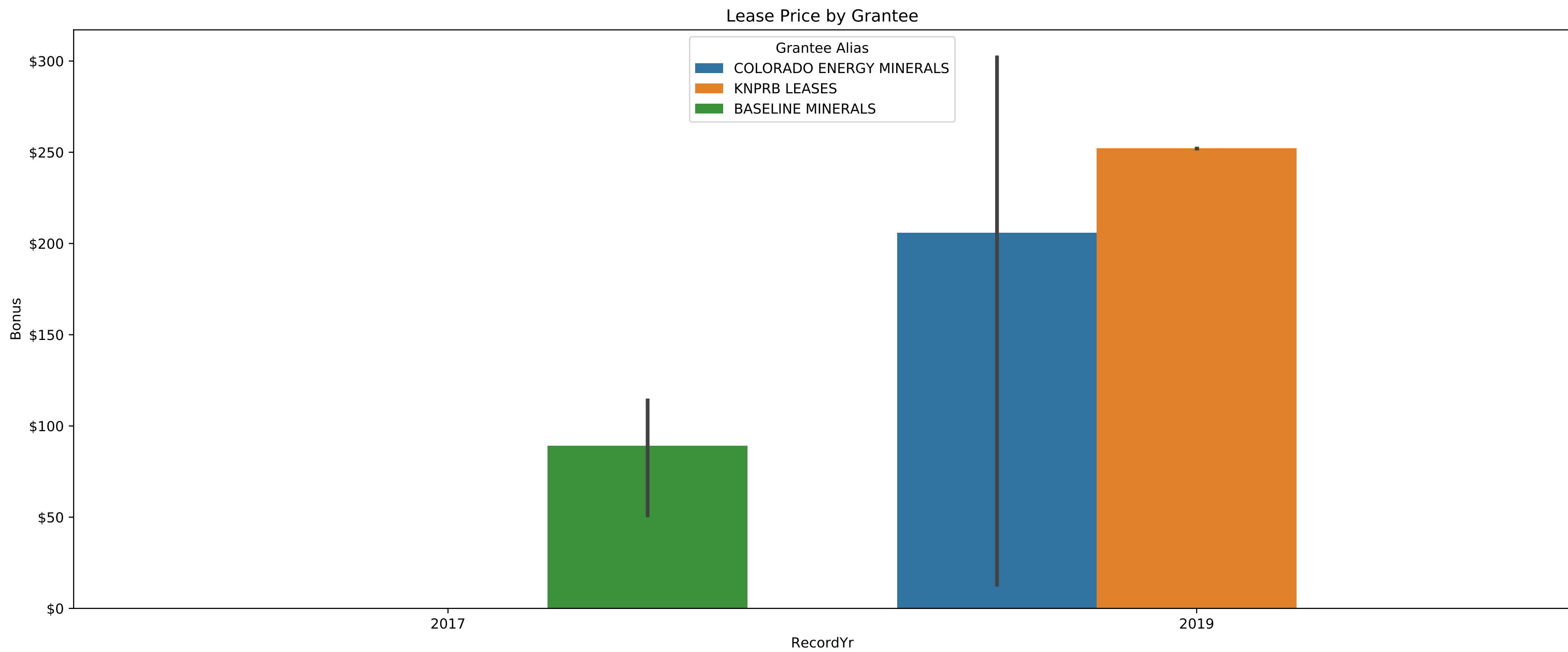
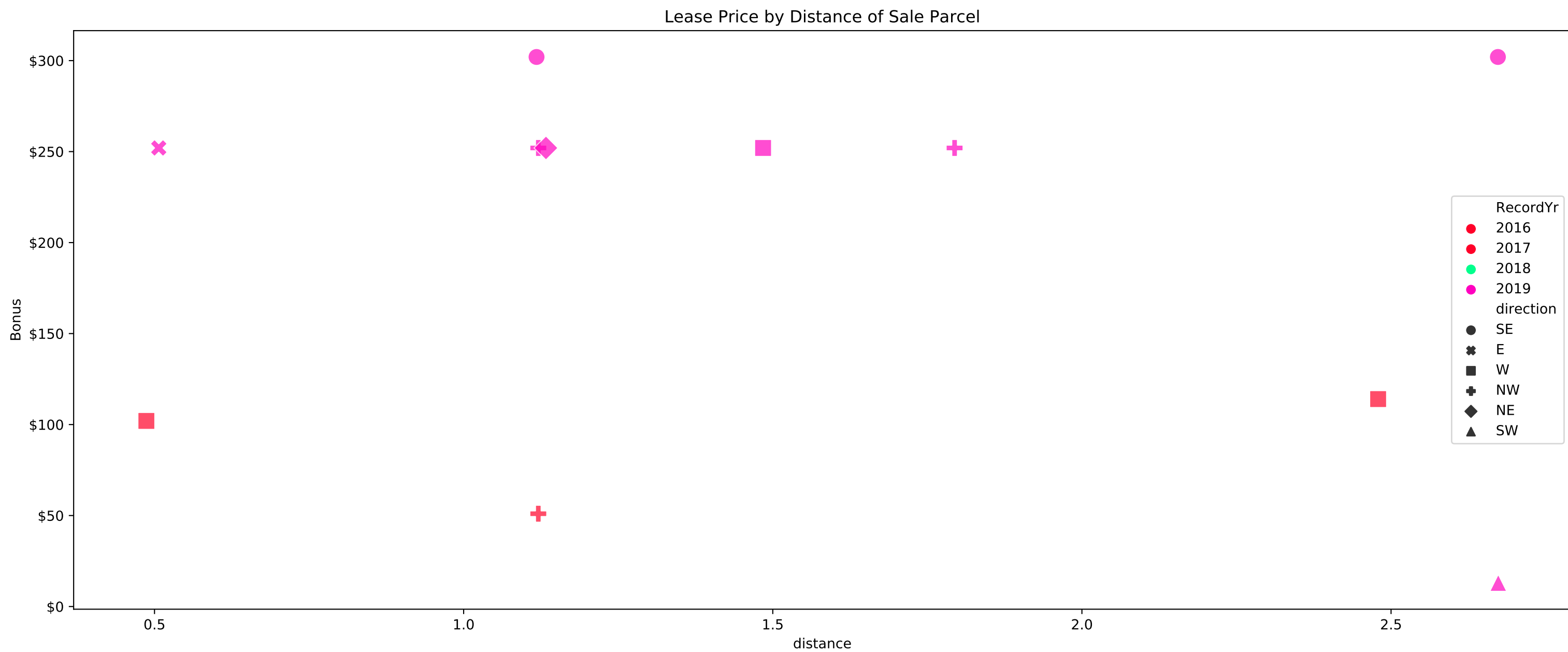
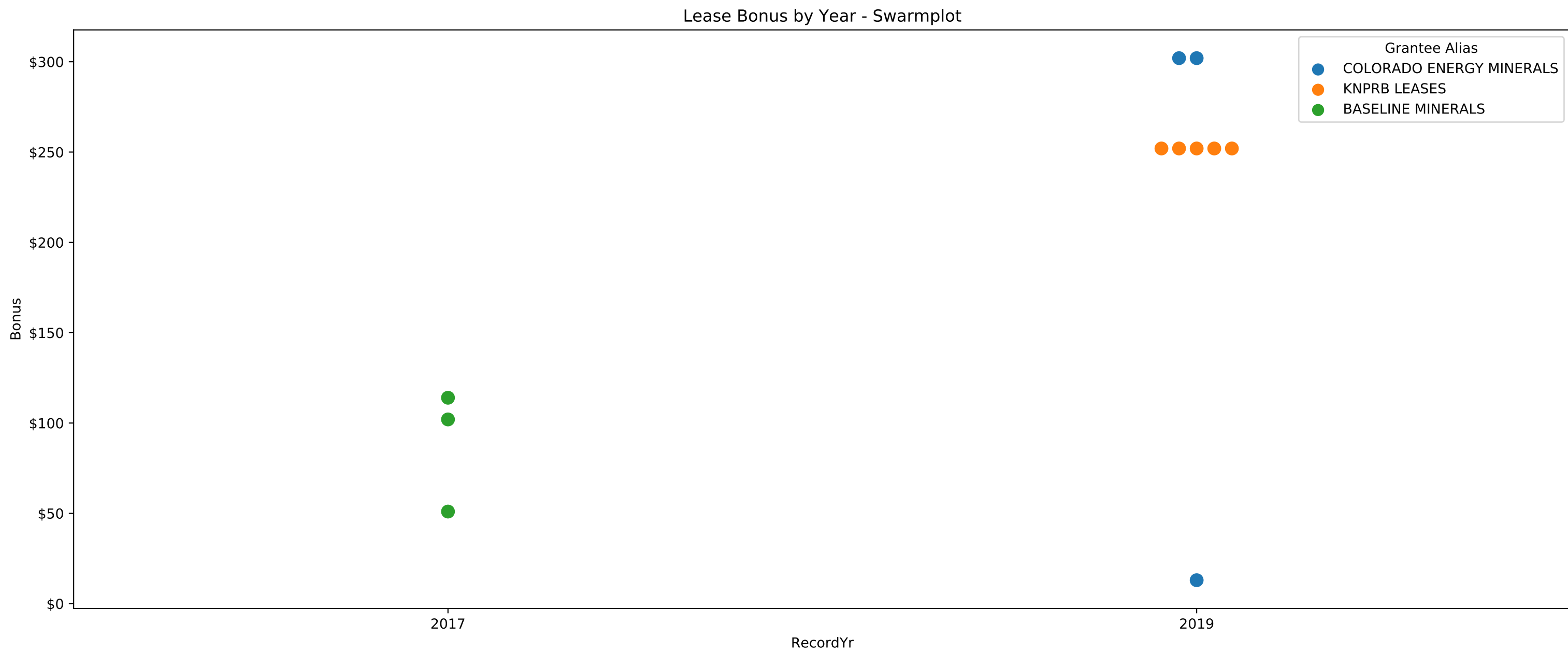
Permit Horizontal Lengths - Binned



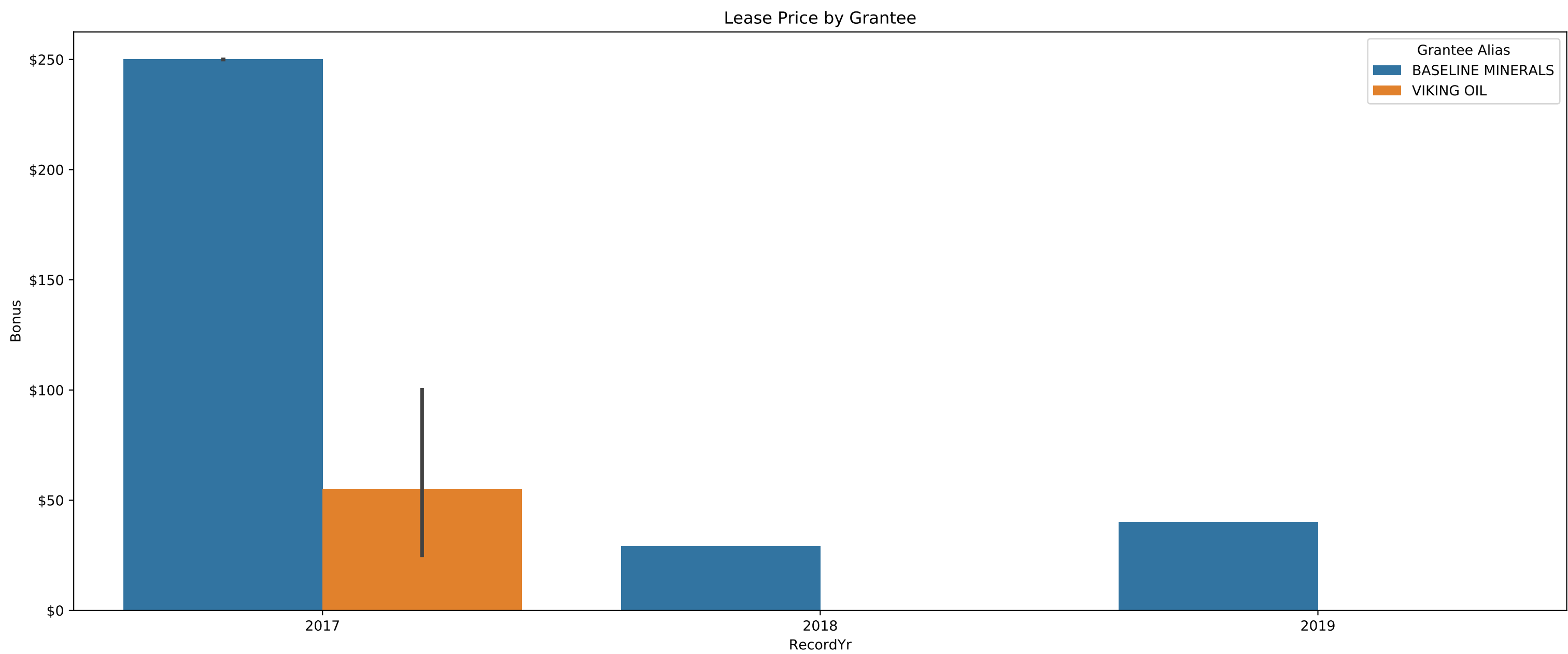
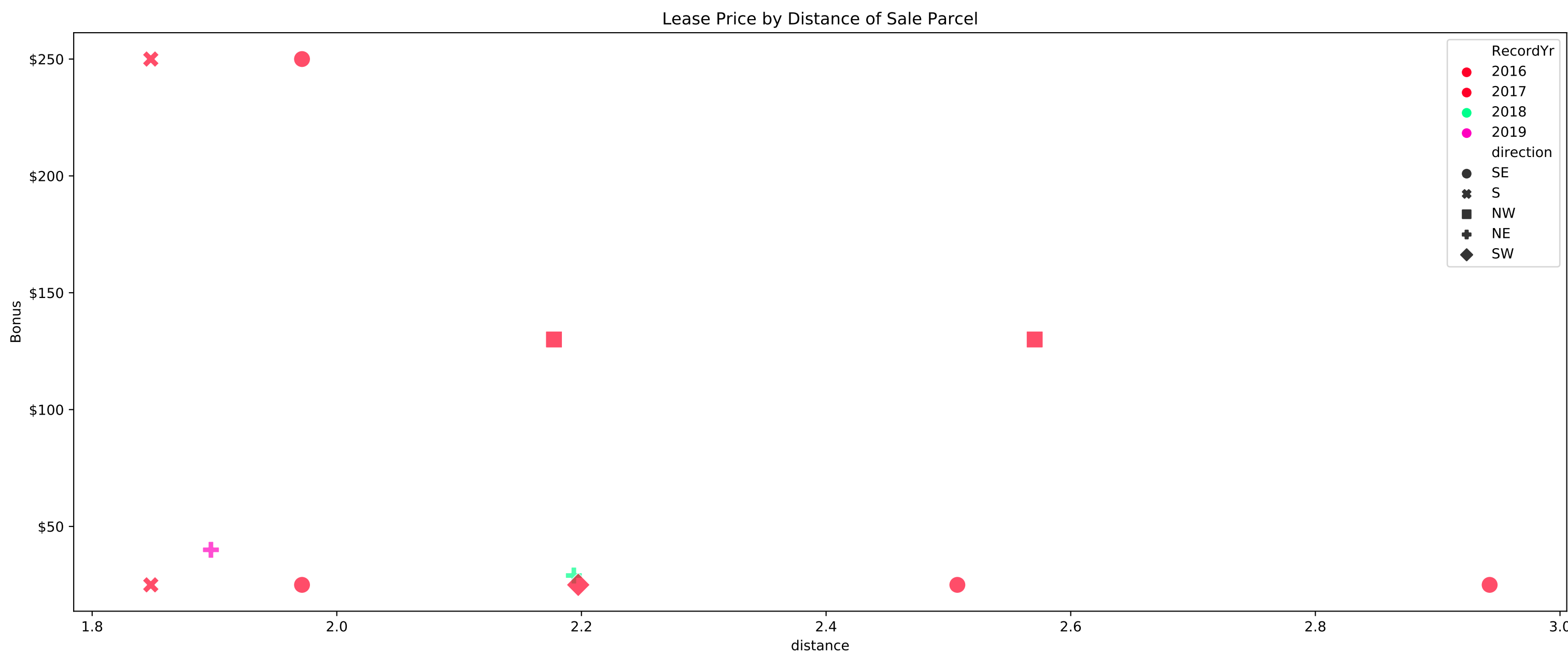
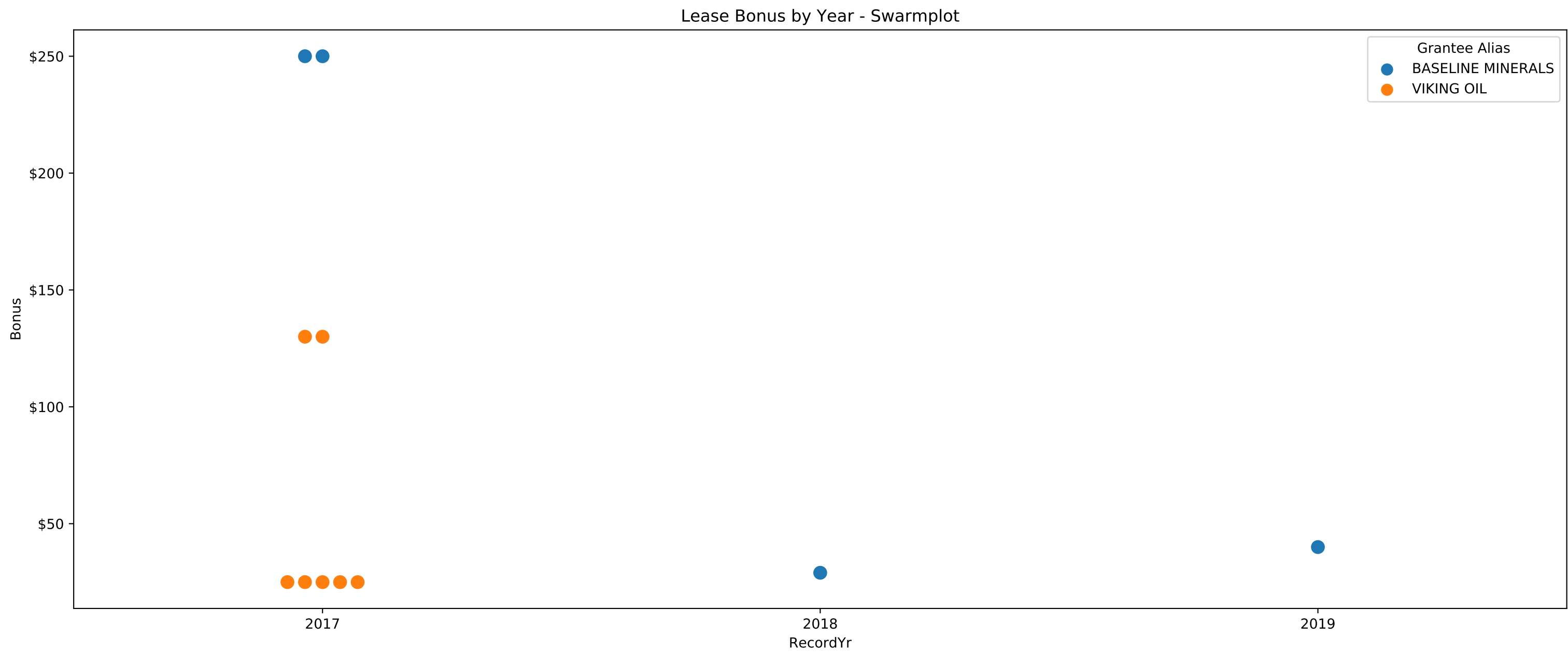
Production Dashboard for tract 18



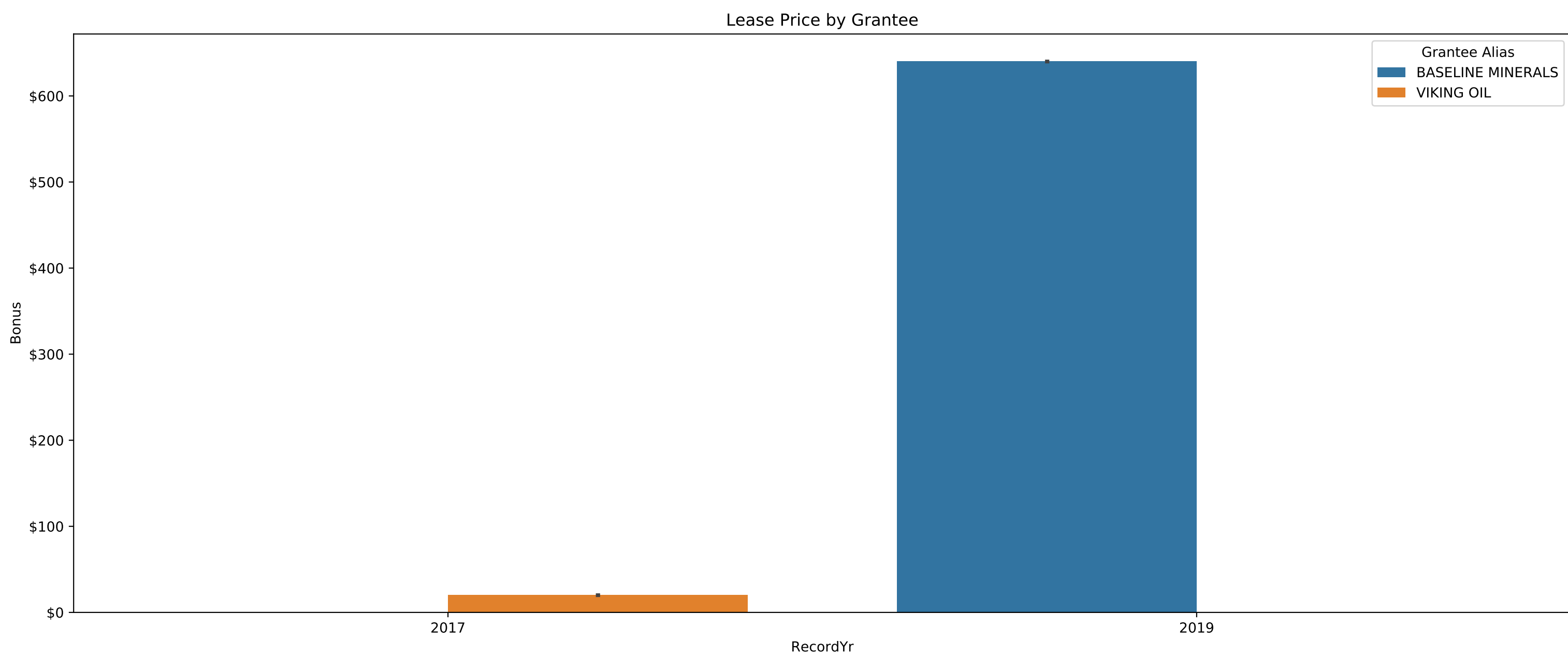
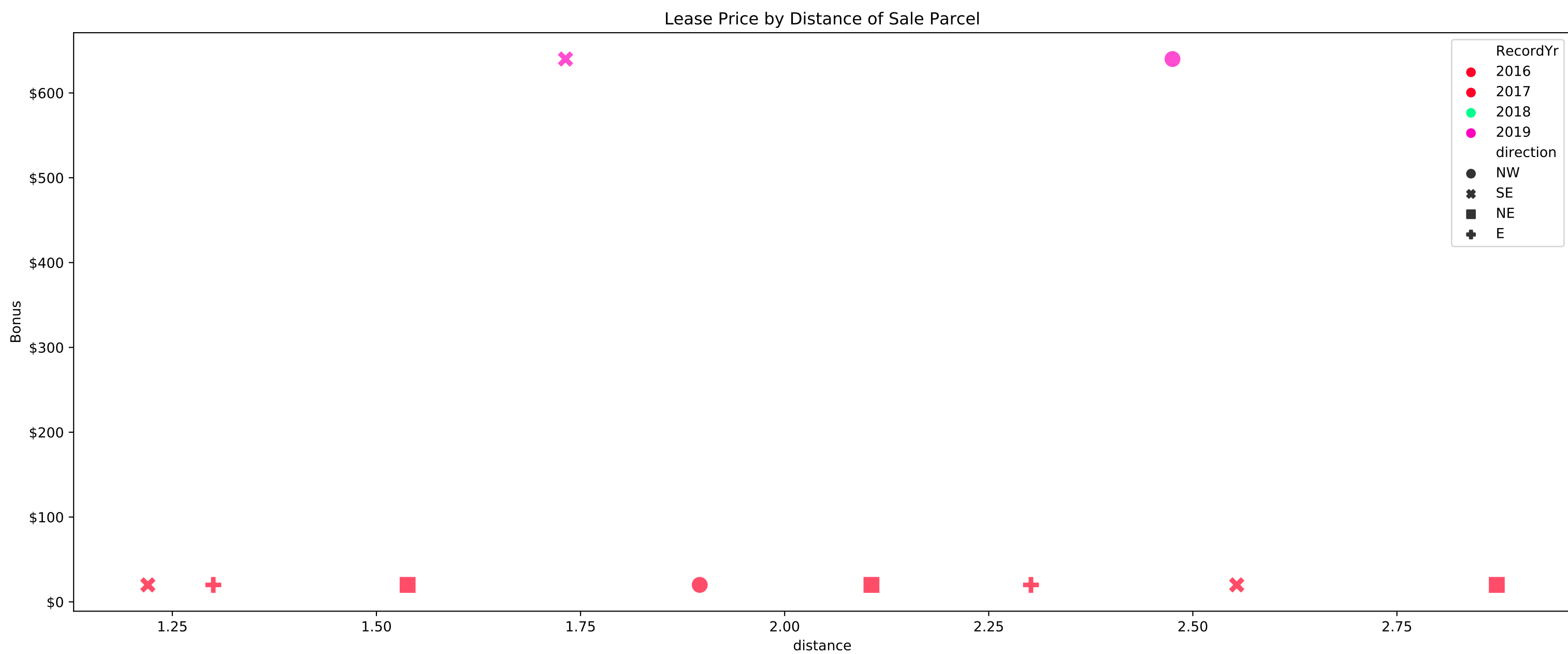
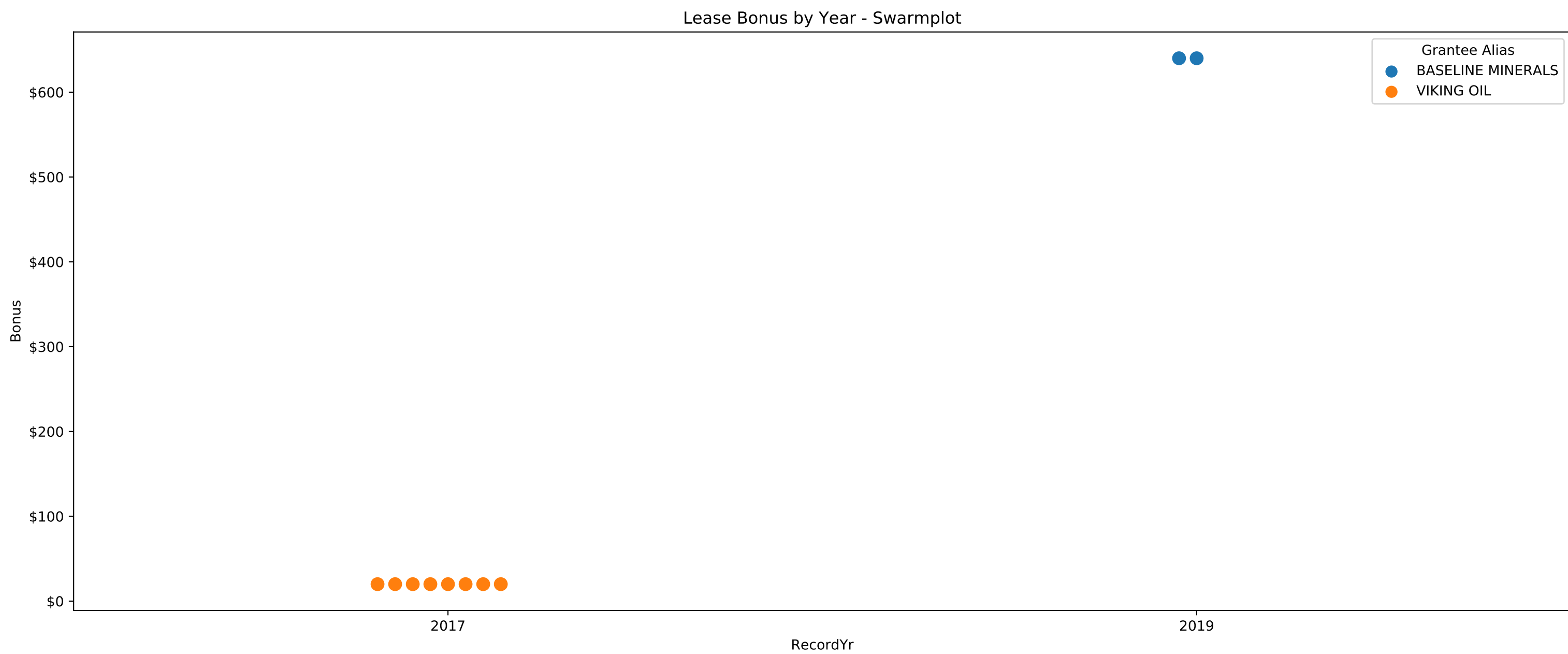
Lease Summary for tract 18
Total Number of Leases: 11
Average Price \$235/acre in 2019



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



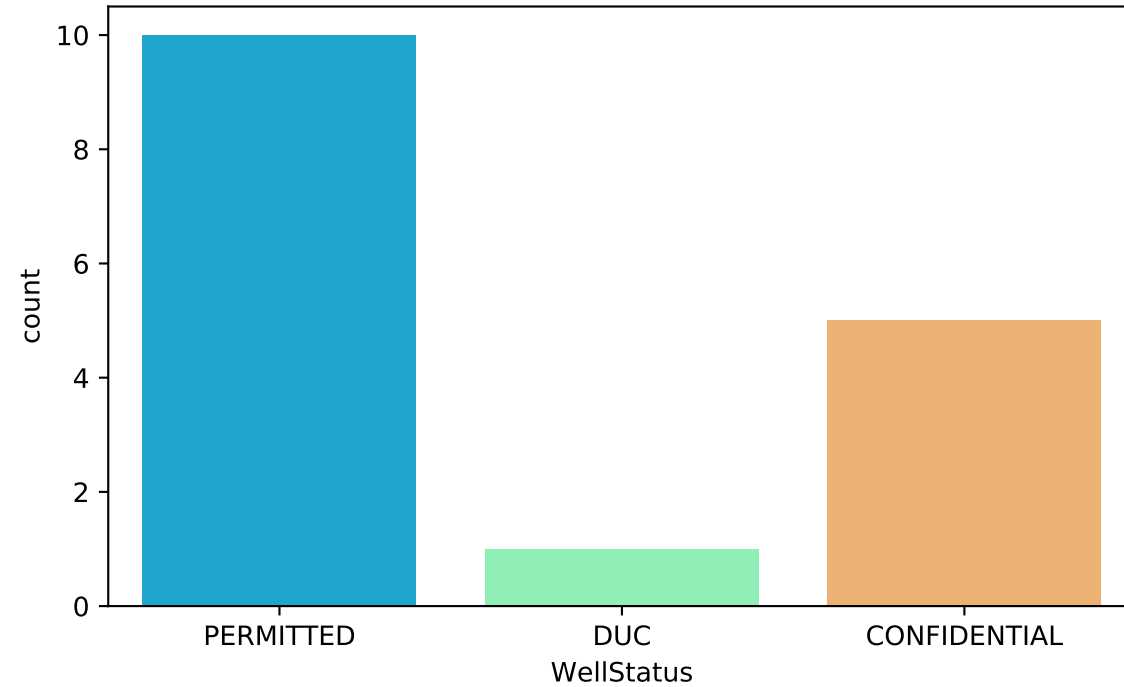
Lease Summary for tract 23
Total Number of Leases: 10
Average Price \$640/acre in 2019



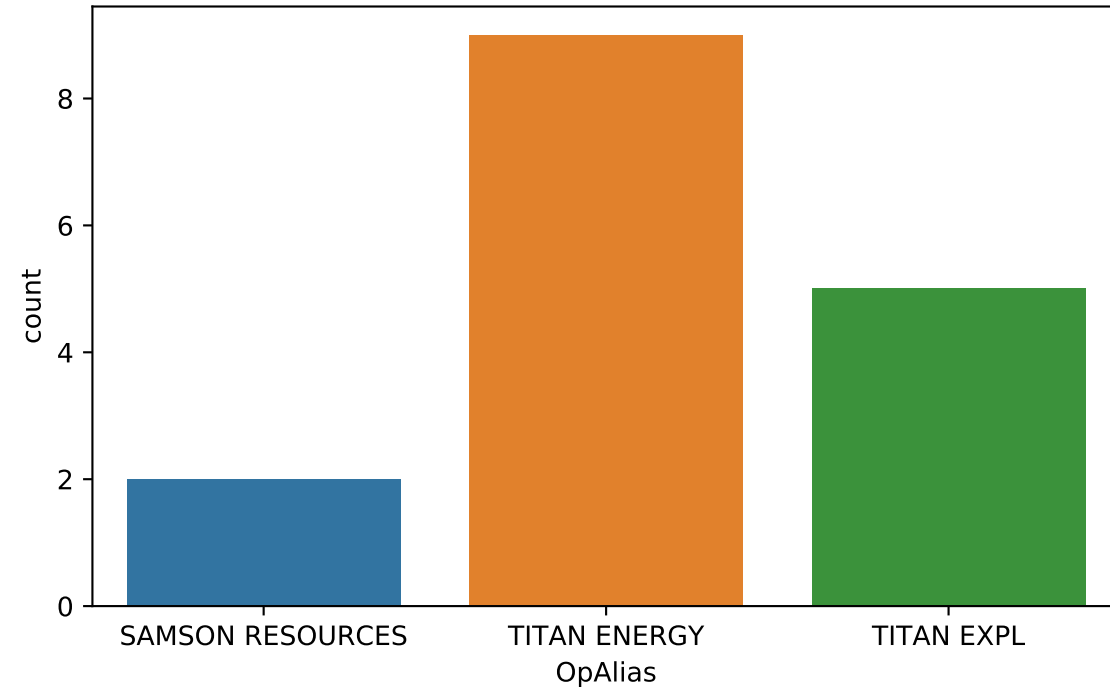
Permit Summary for Tract 22

Total permits: 16

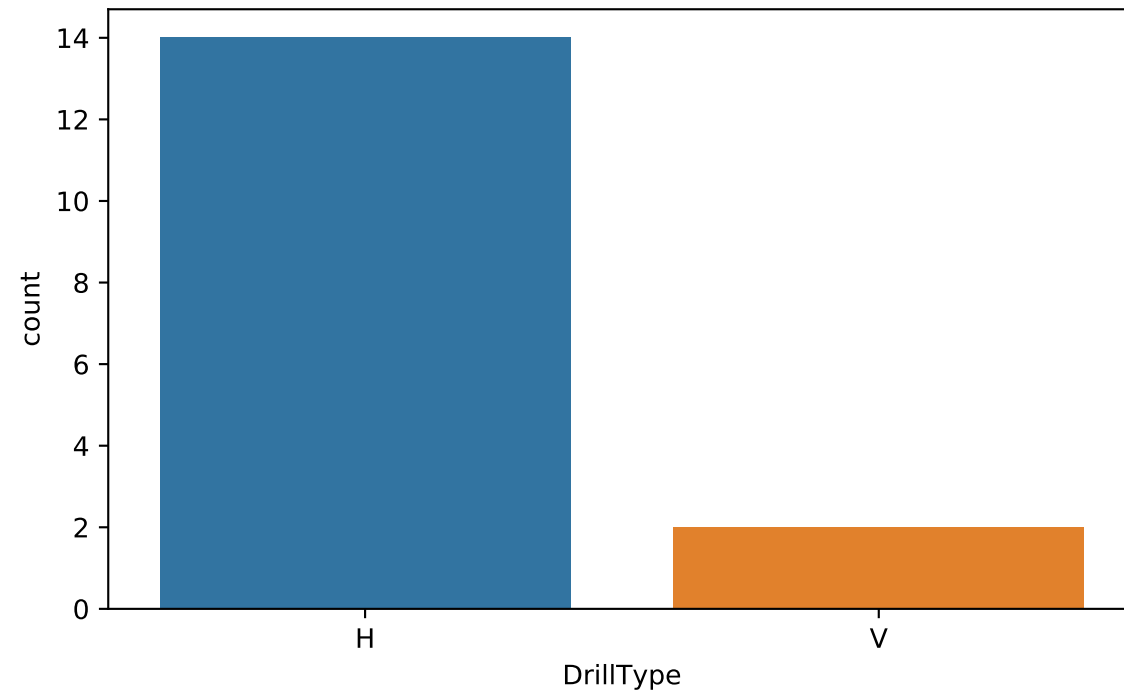
Permits by Well Status



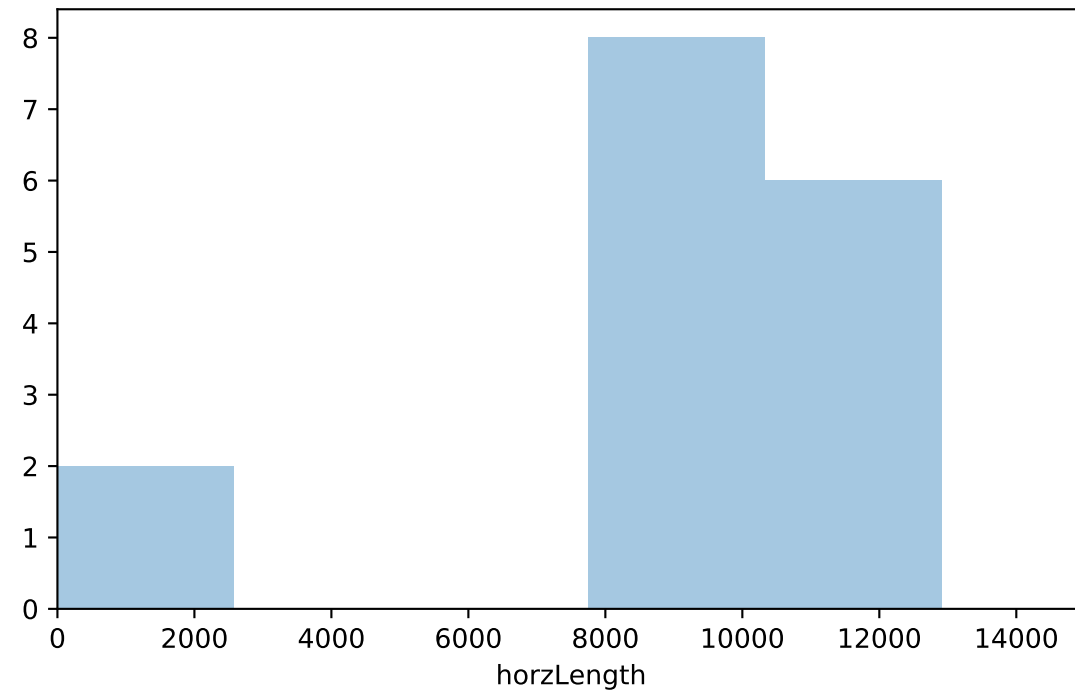
Permits by Operator



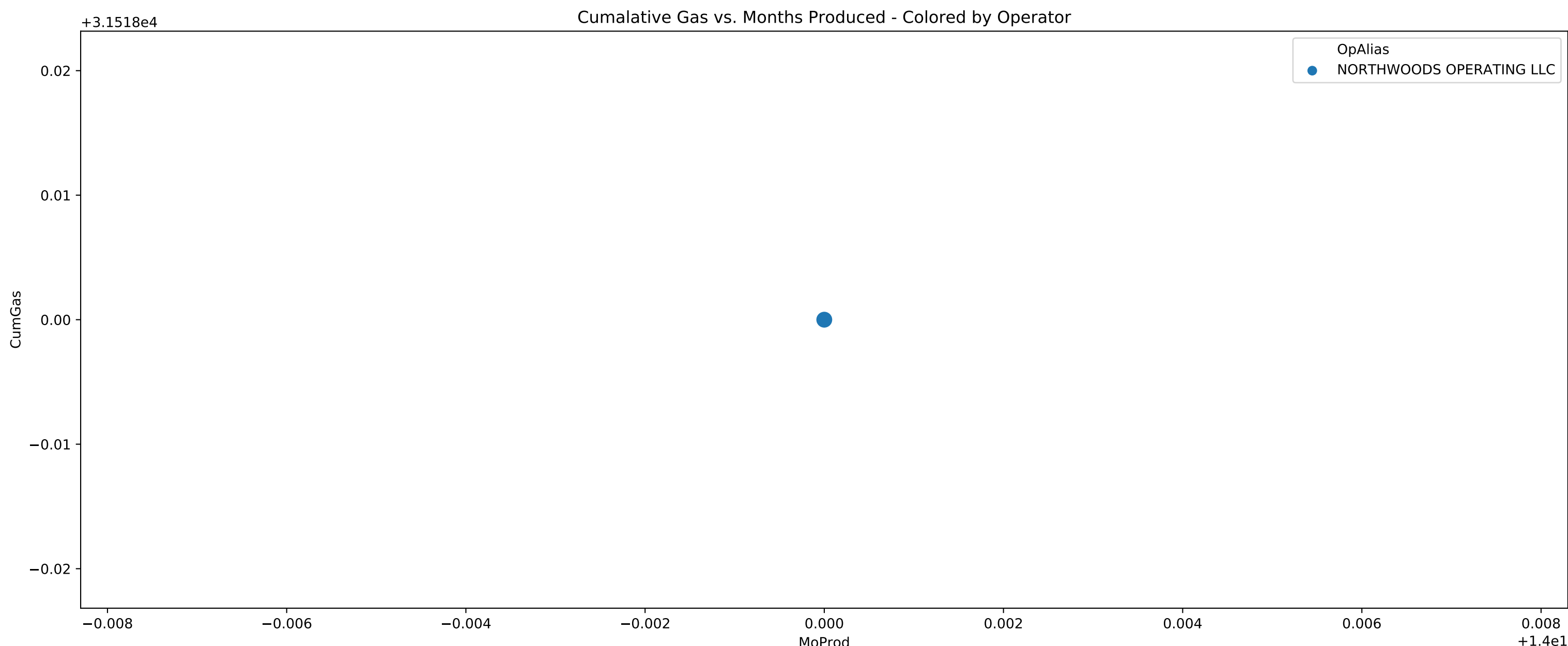
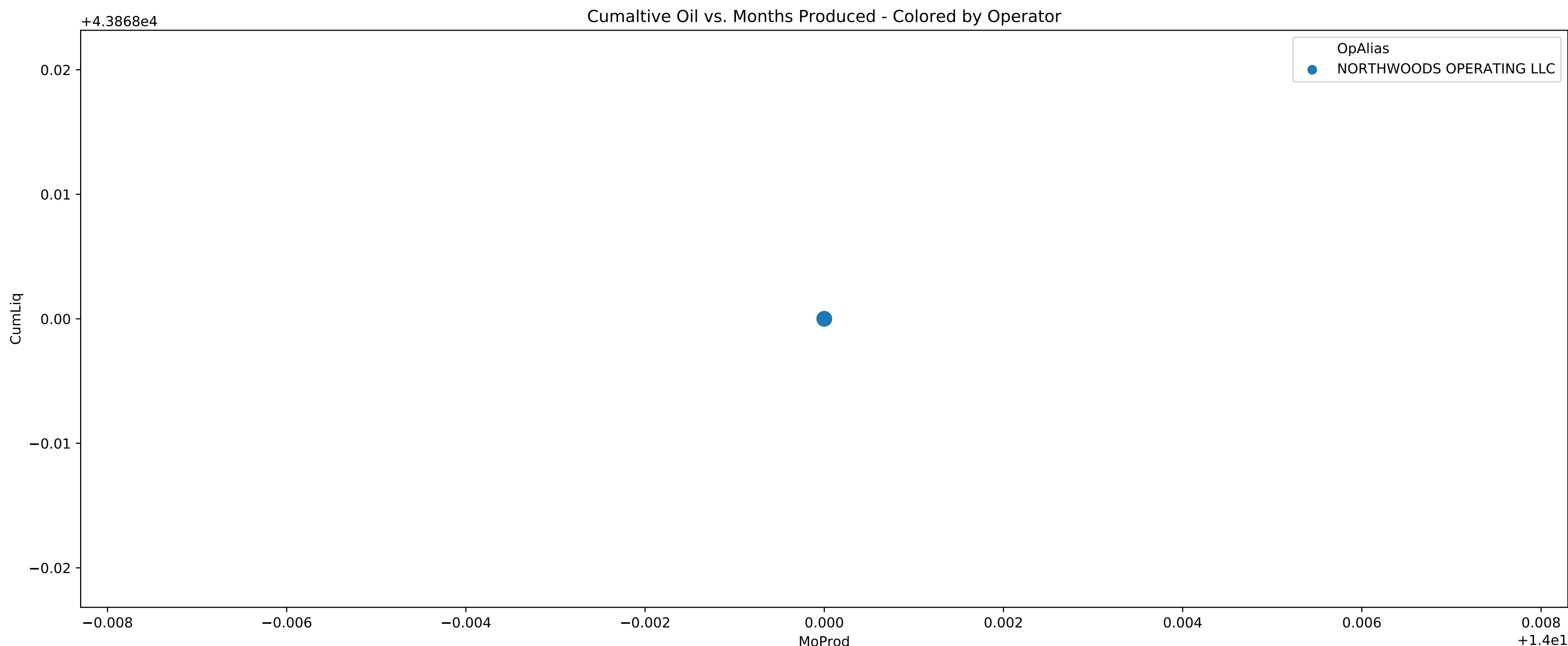
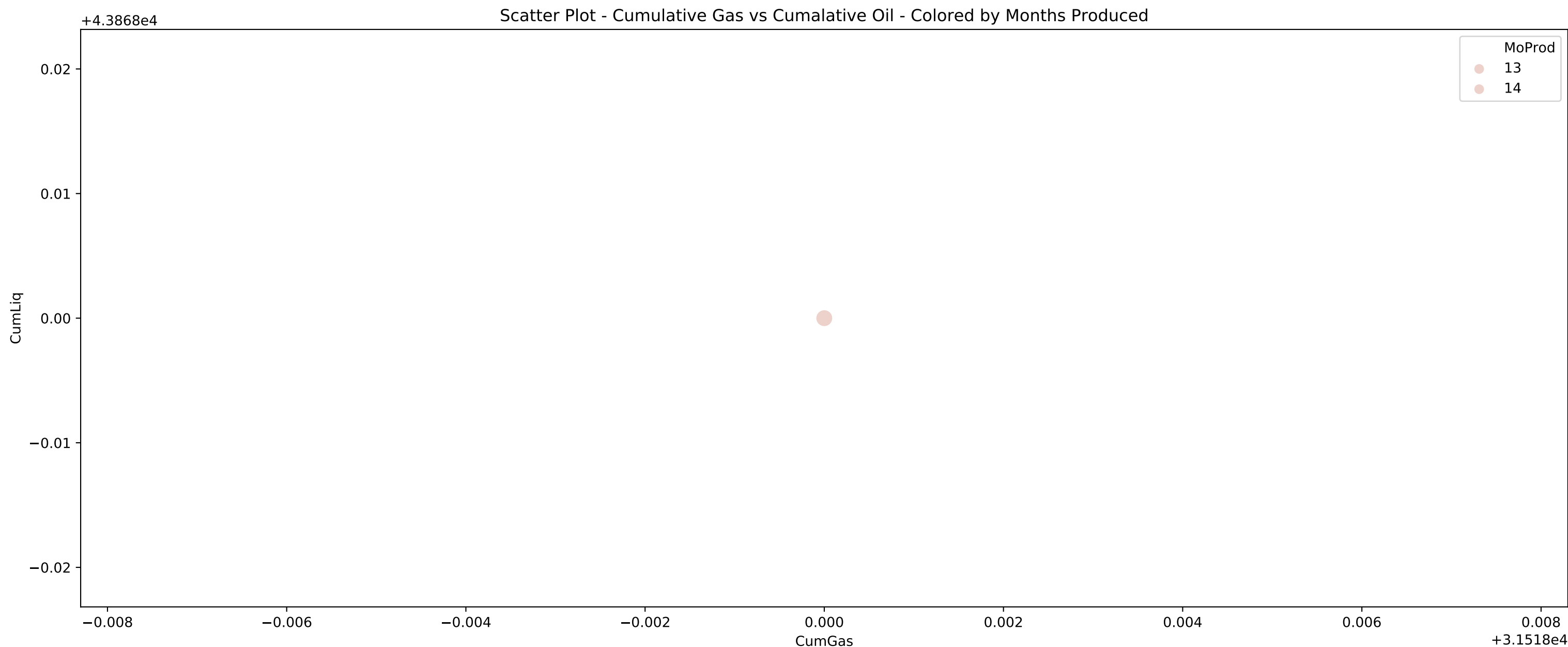
Permits by Well Type (H,D,V)



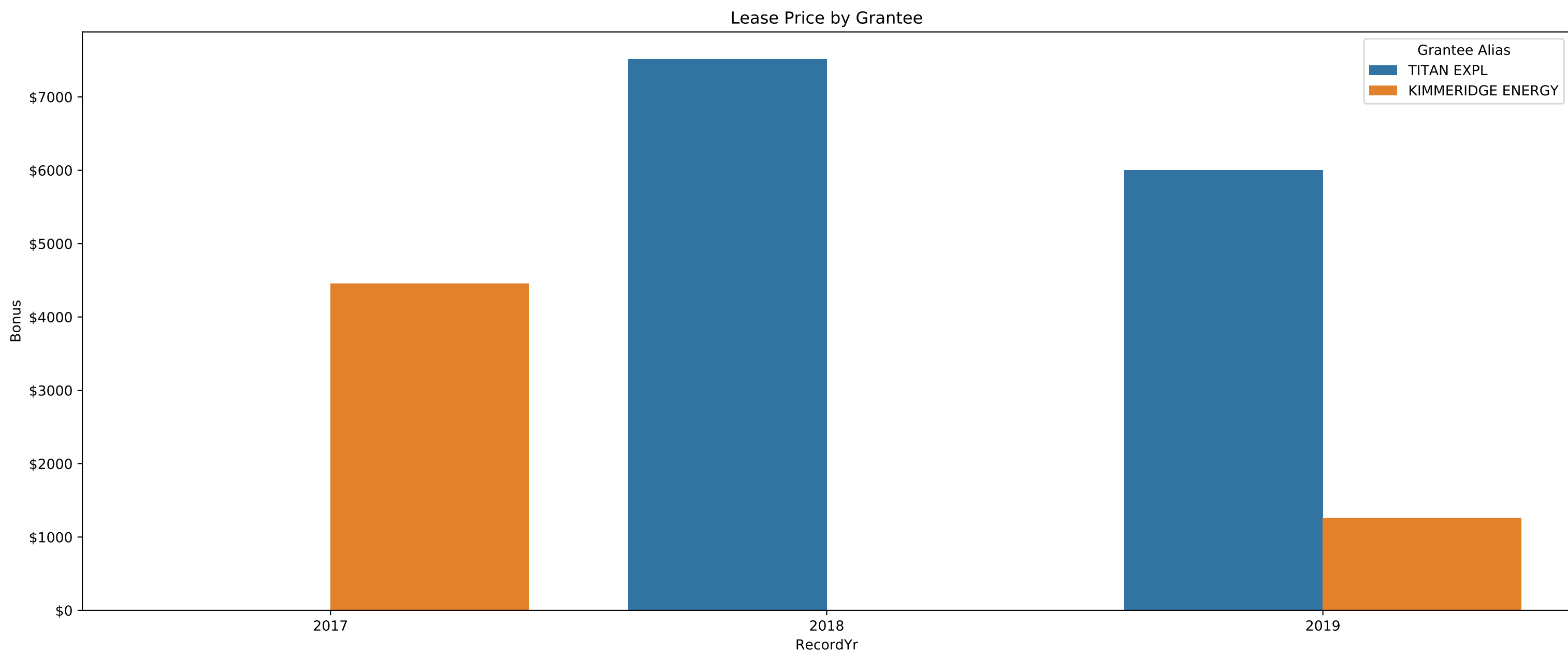
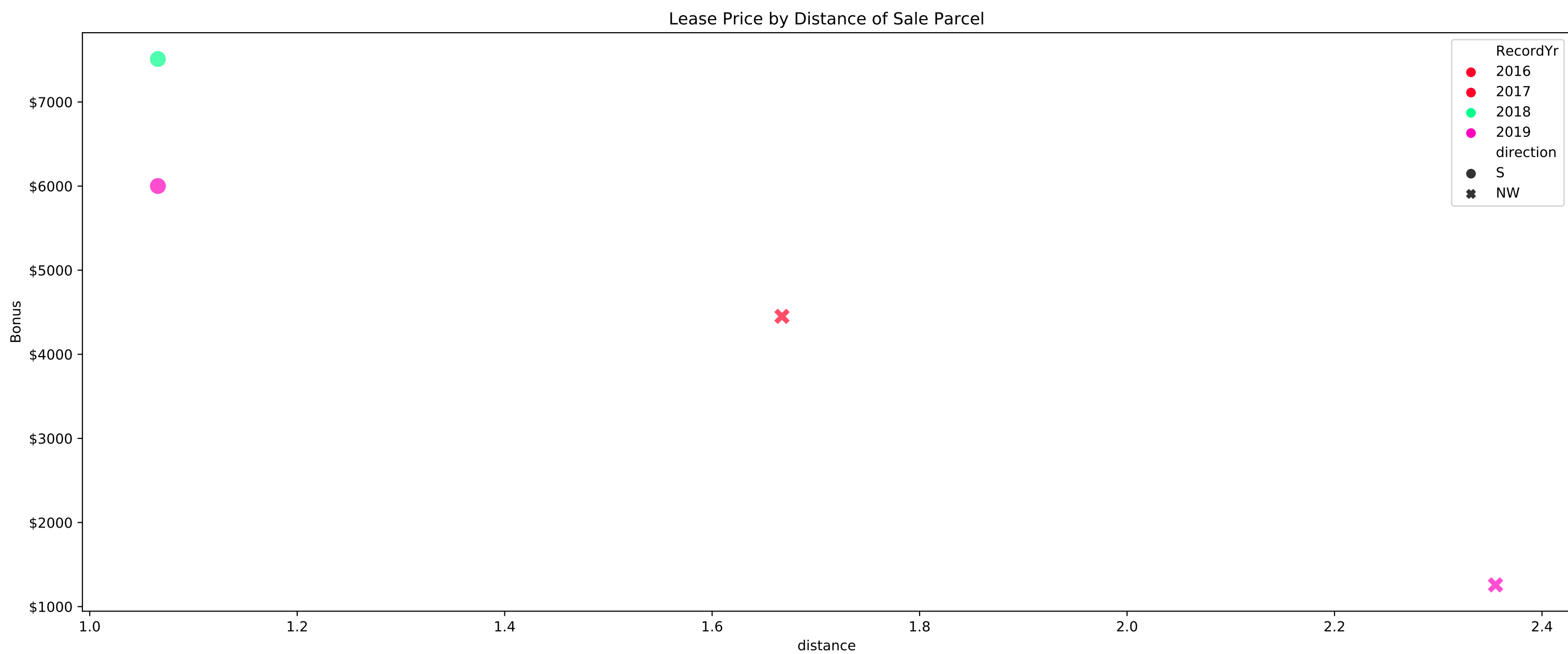
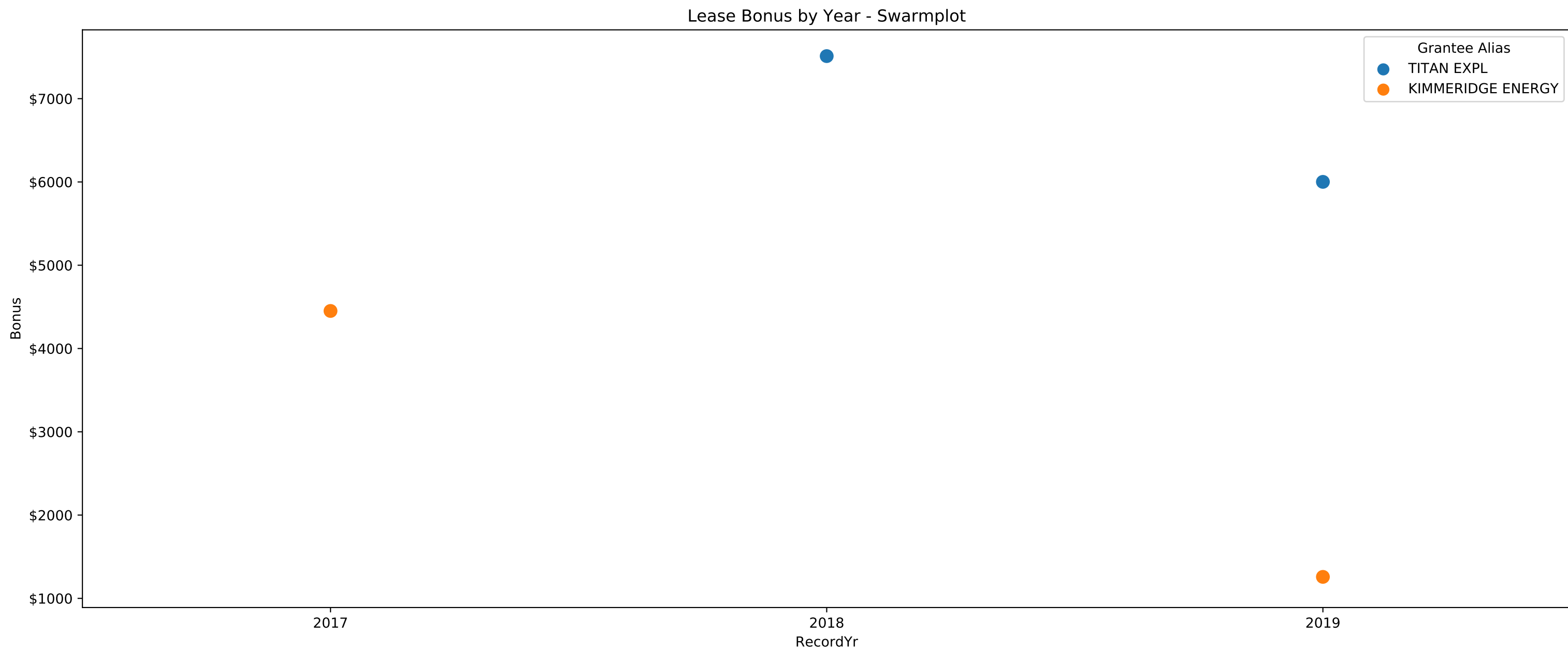
Permit Horizontal Lengths - Binned



Production Dashboard for tract 22



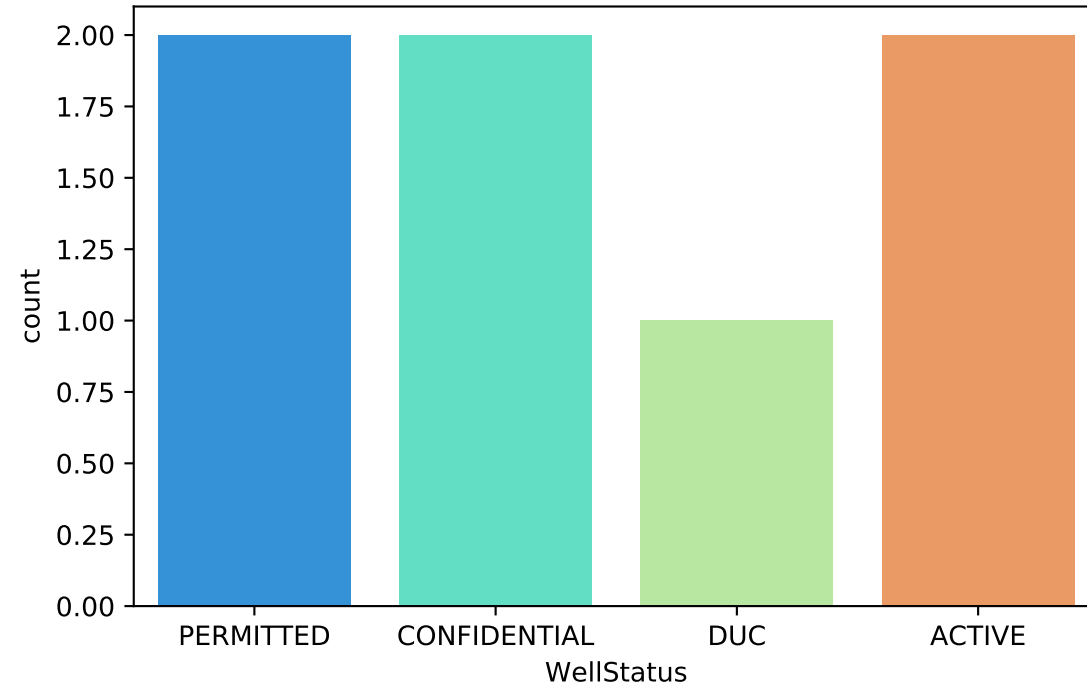
Lease Summary for tract 22
Total Number of Leases: 4
Average Price \$3630/acre in 2019



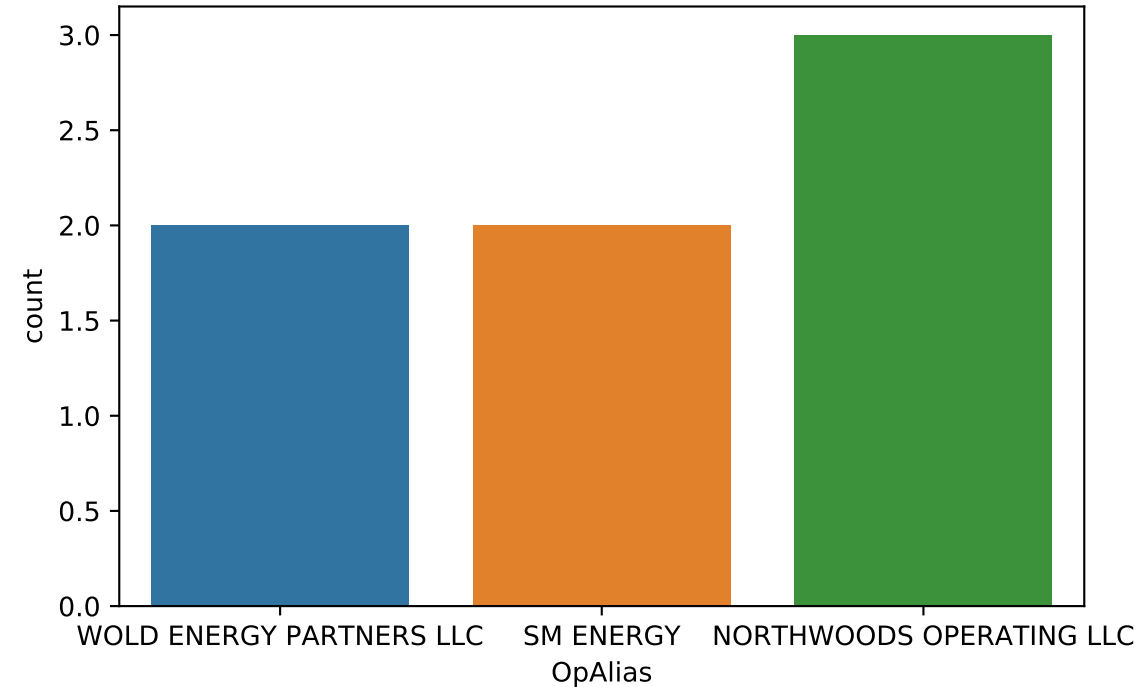
Permit Summary for Tract 92

Total permits: 7

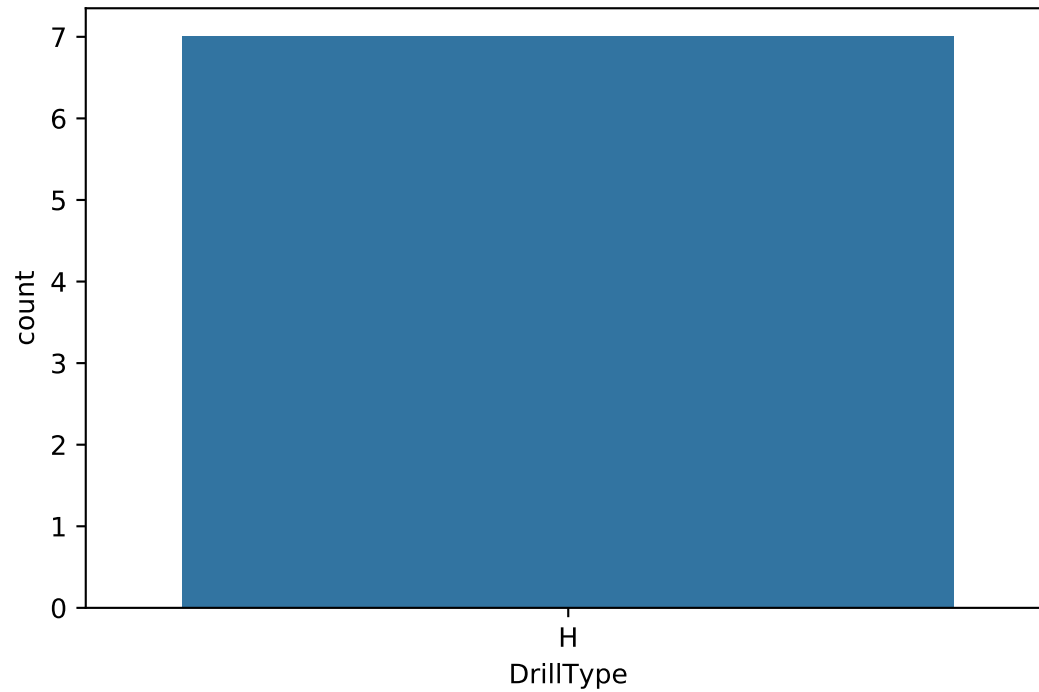
Permits by Well Status



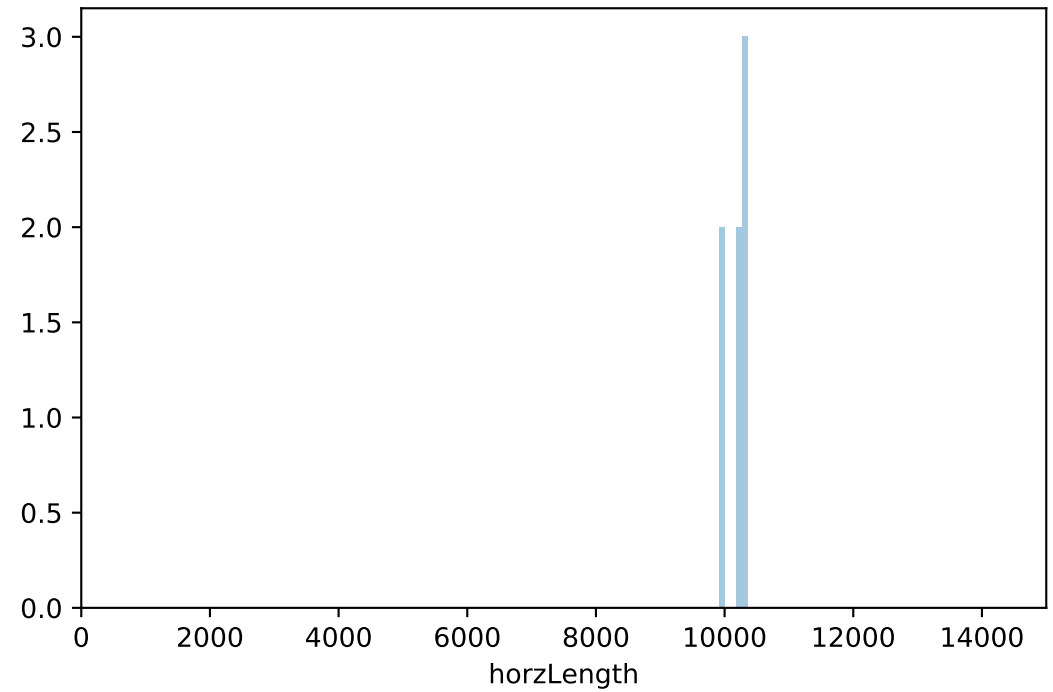
Permits by Operator



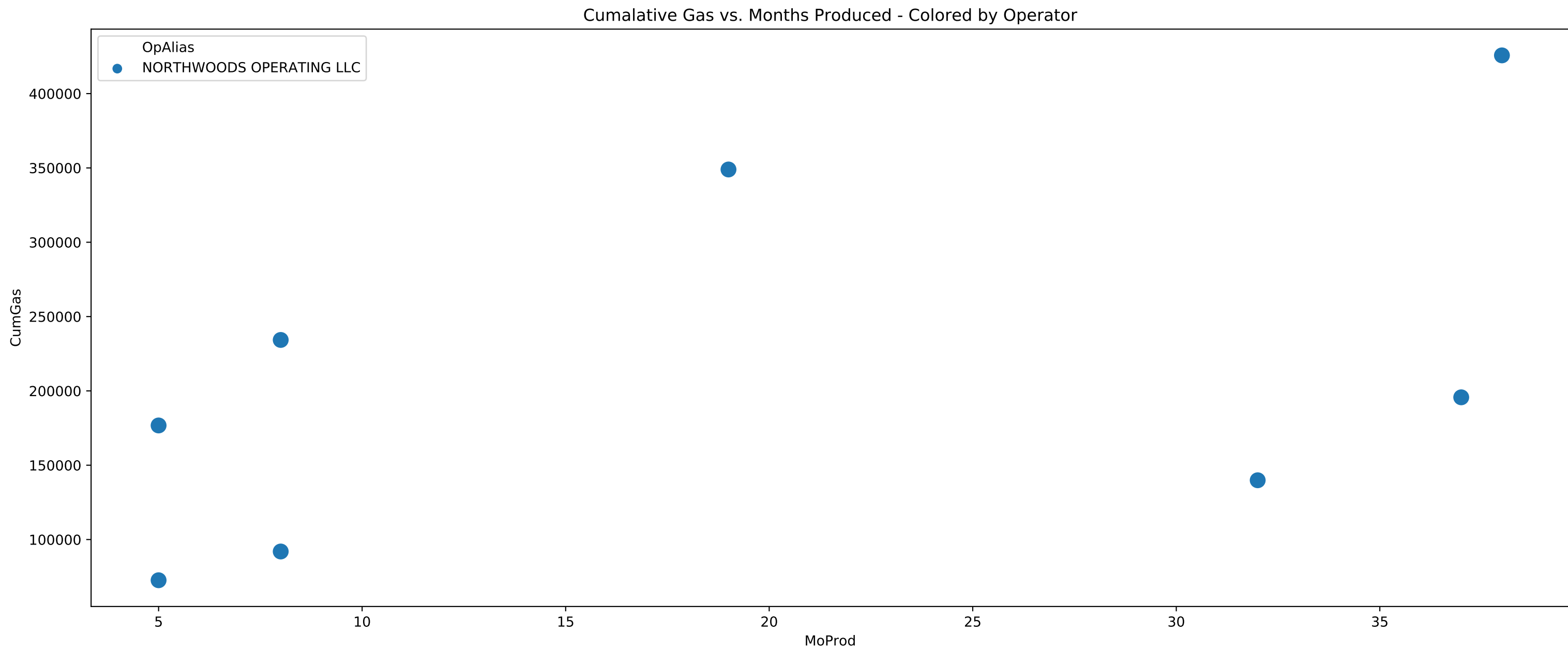
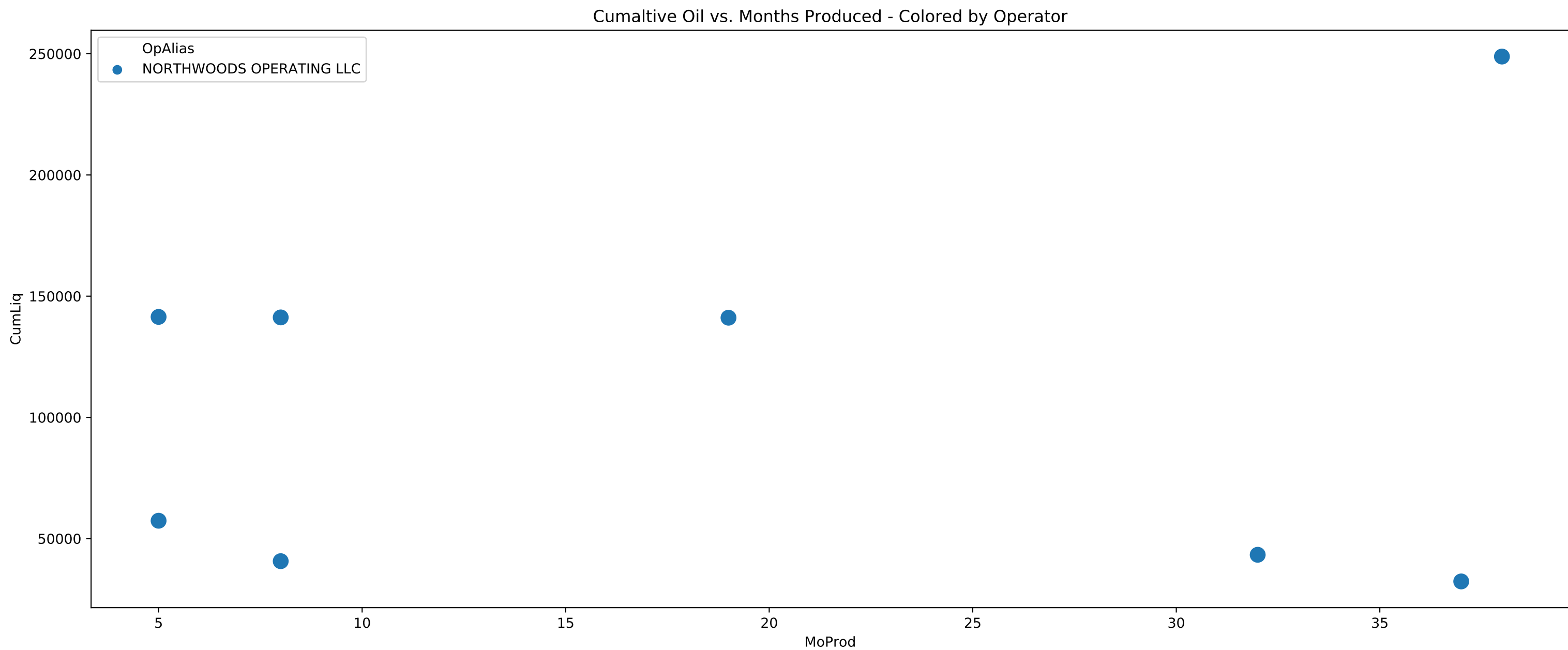
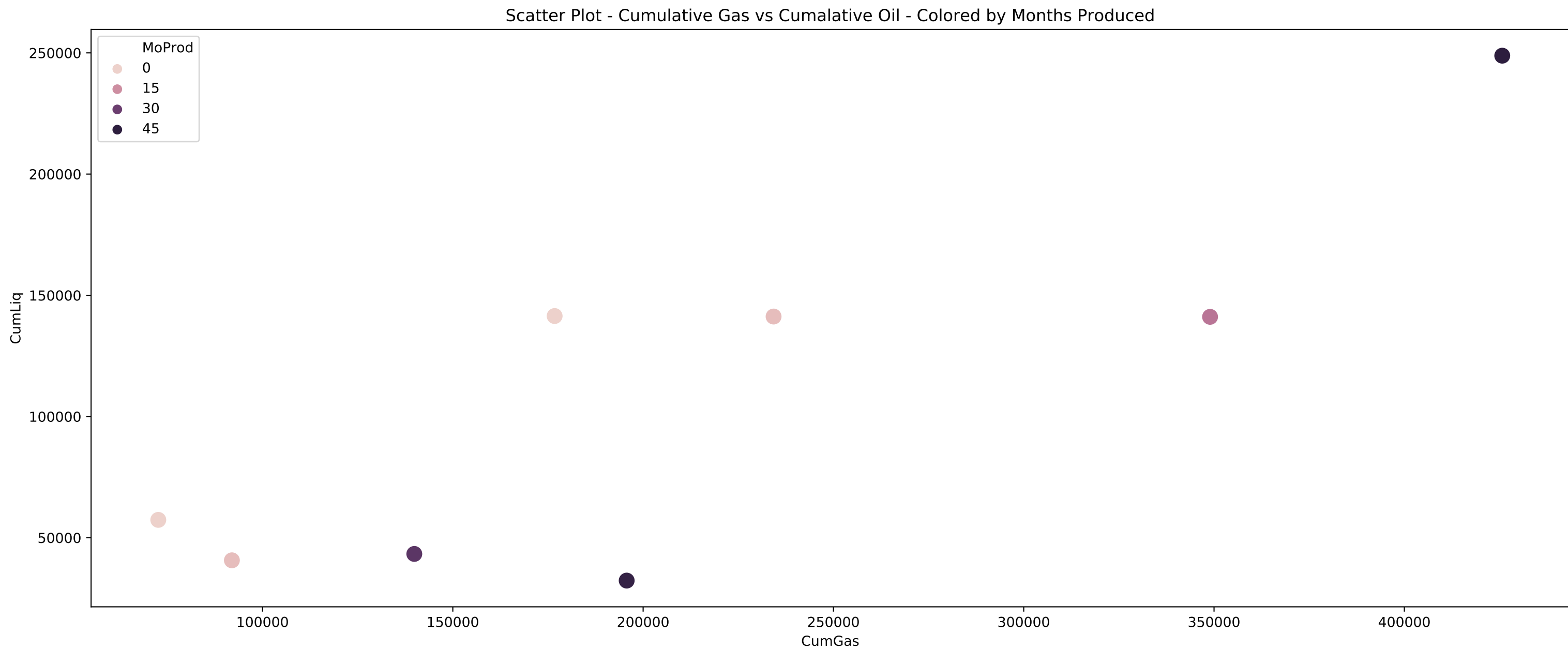
Permits by Well Type (H,D,V)



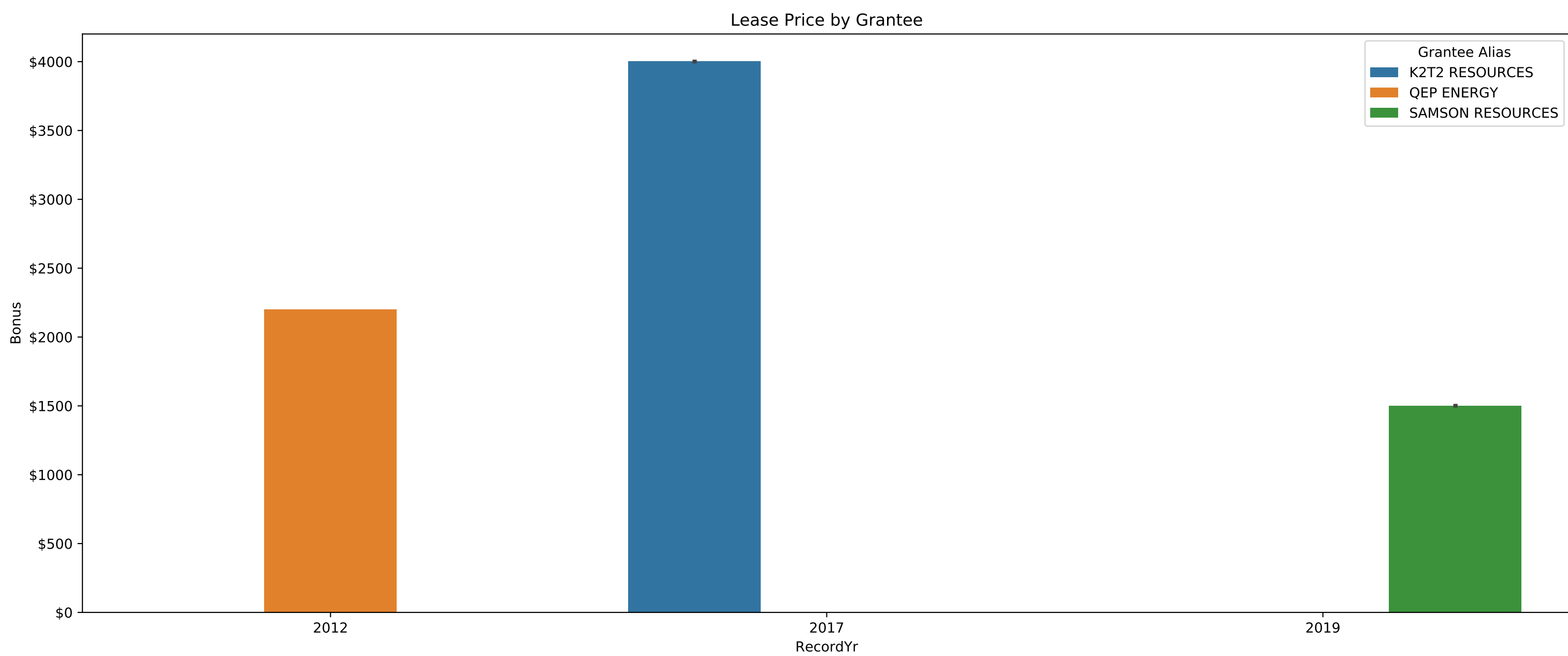
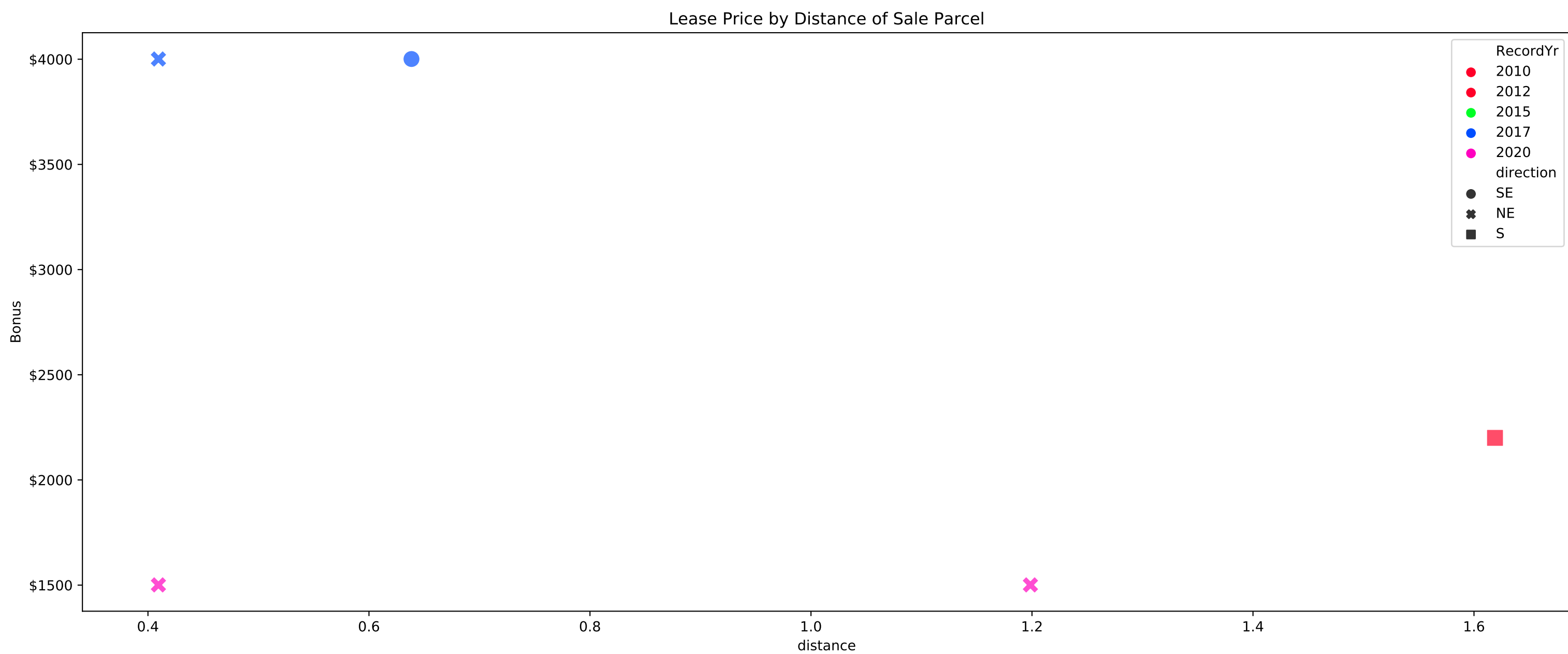
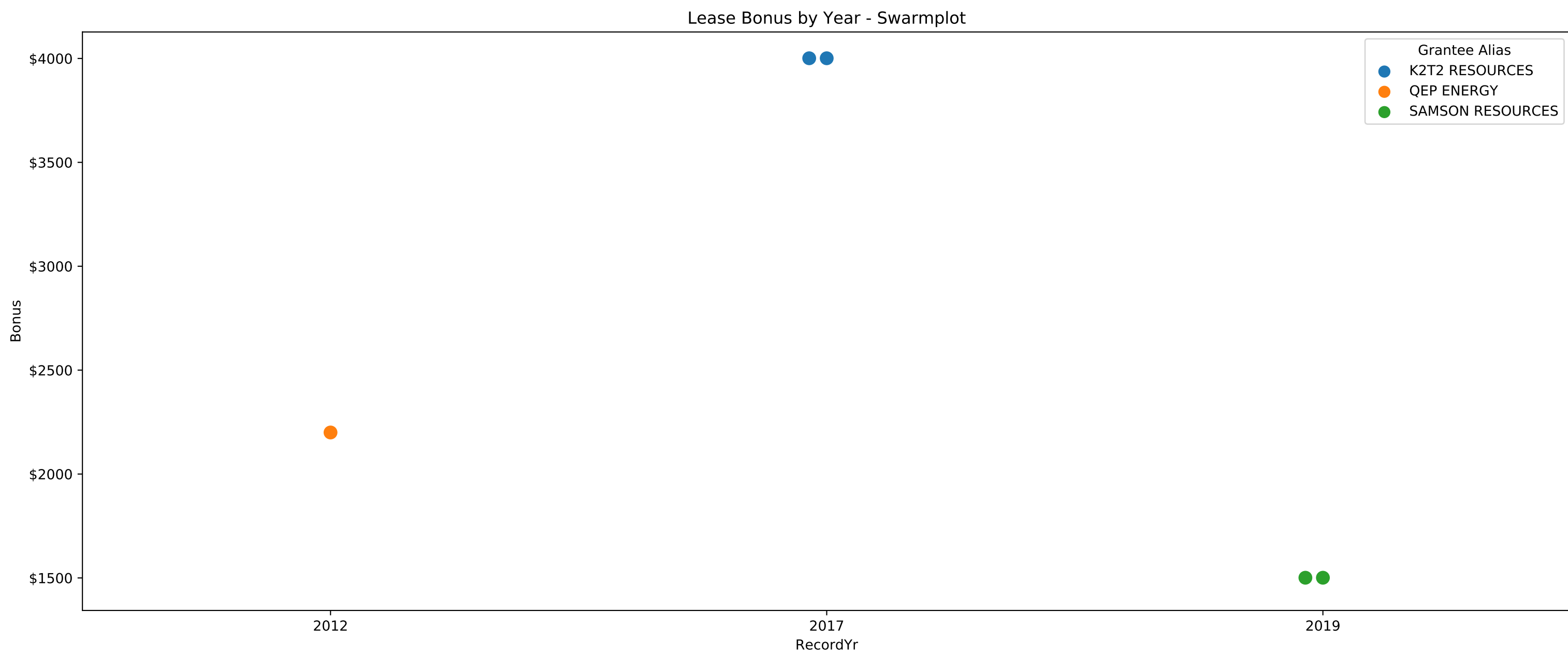
Permit Horizontal Lengths - Binned



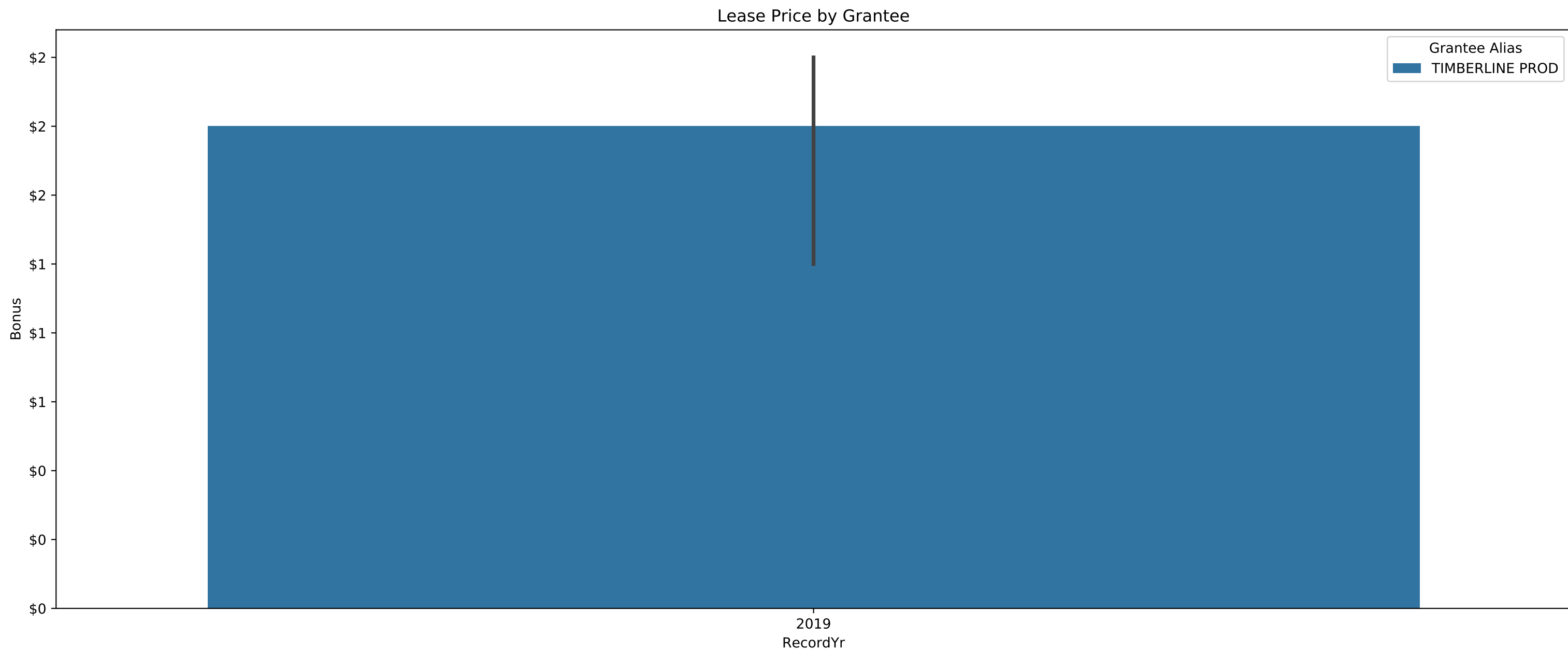
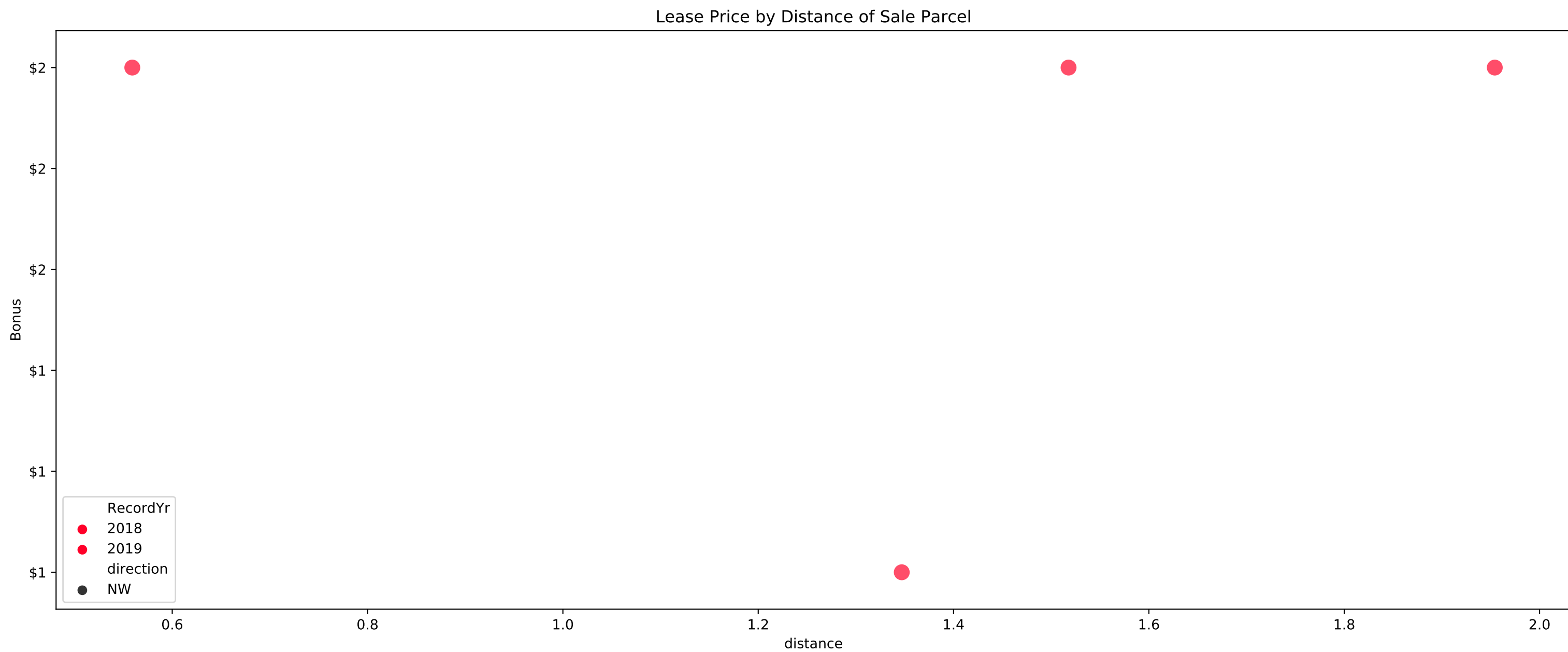
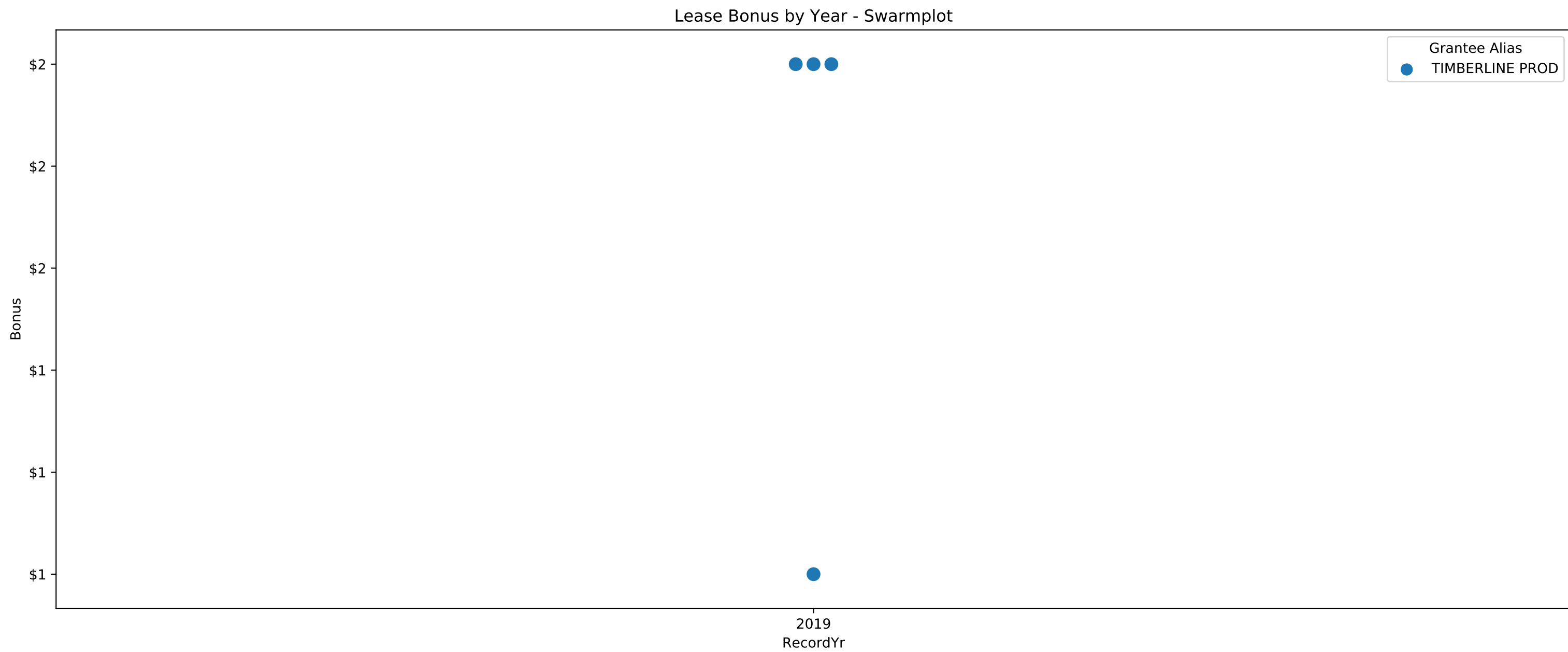
Production Dashboard for tract 92



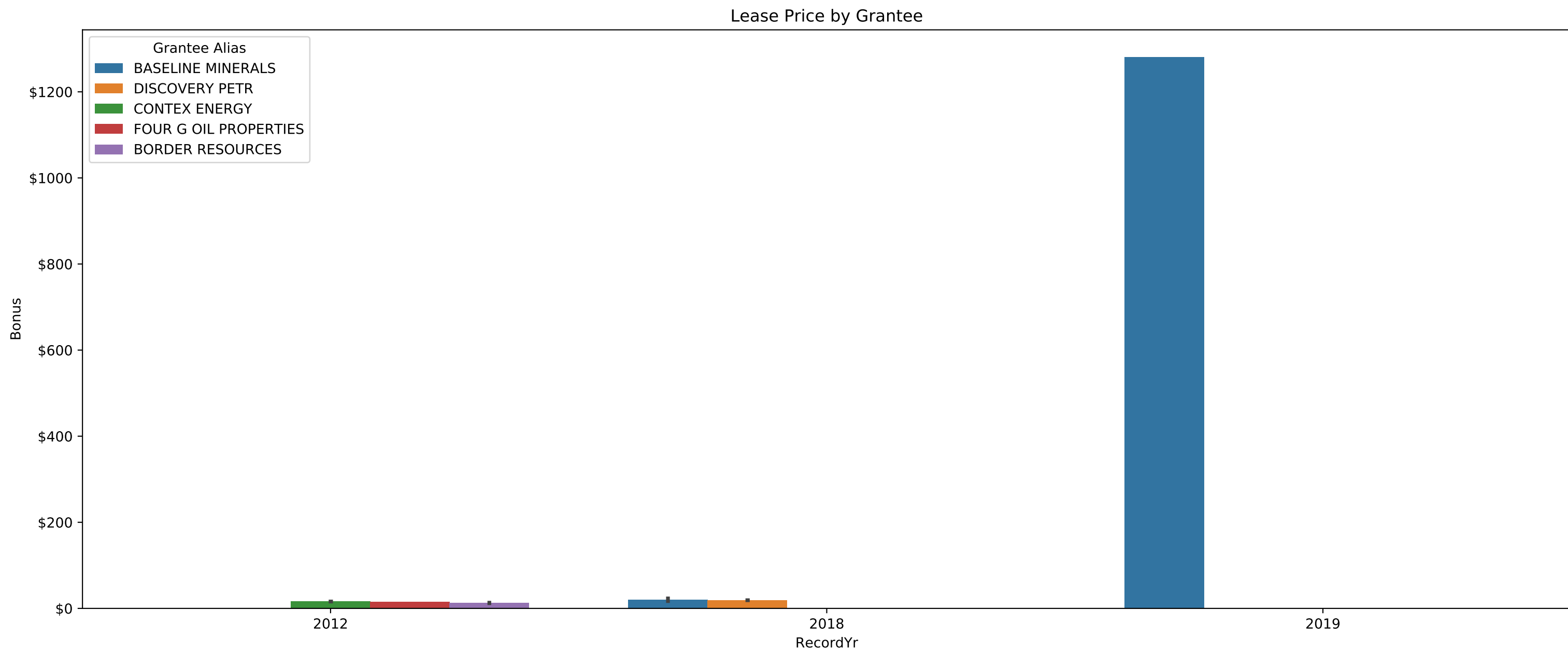
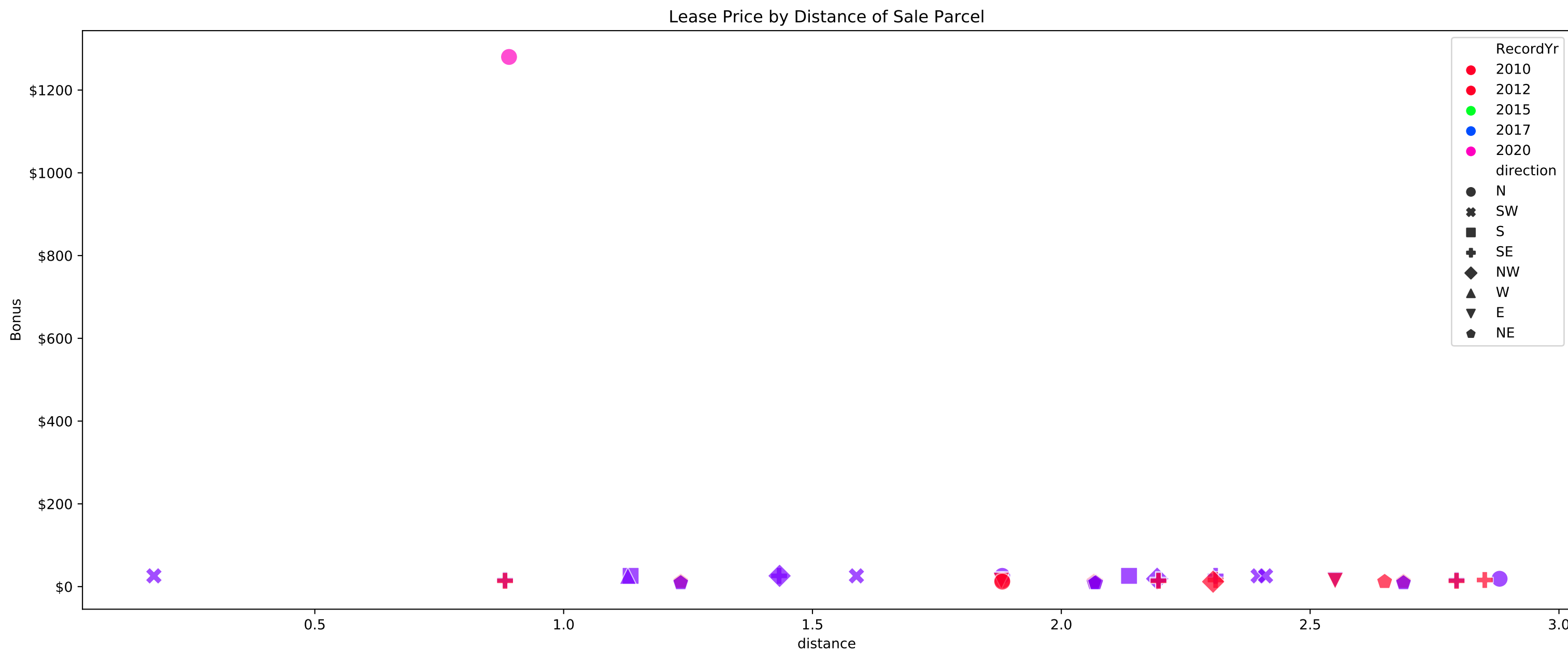
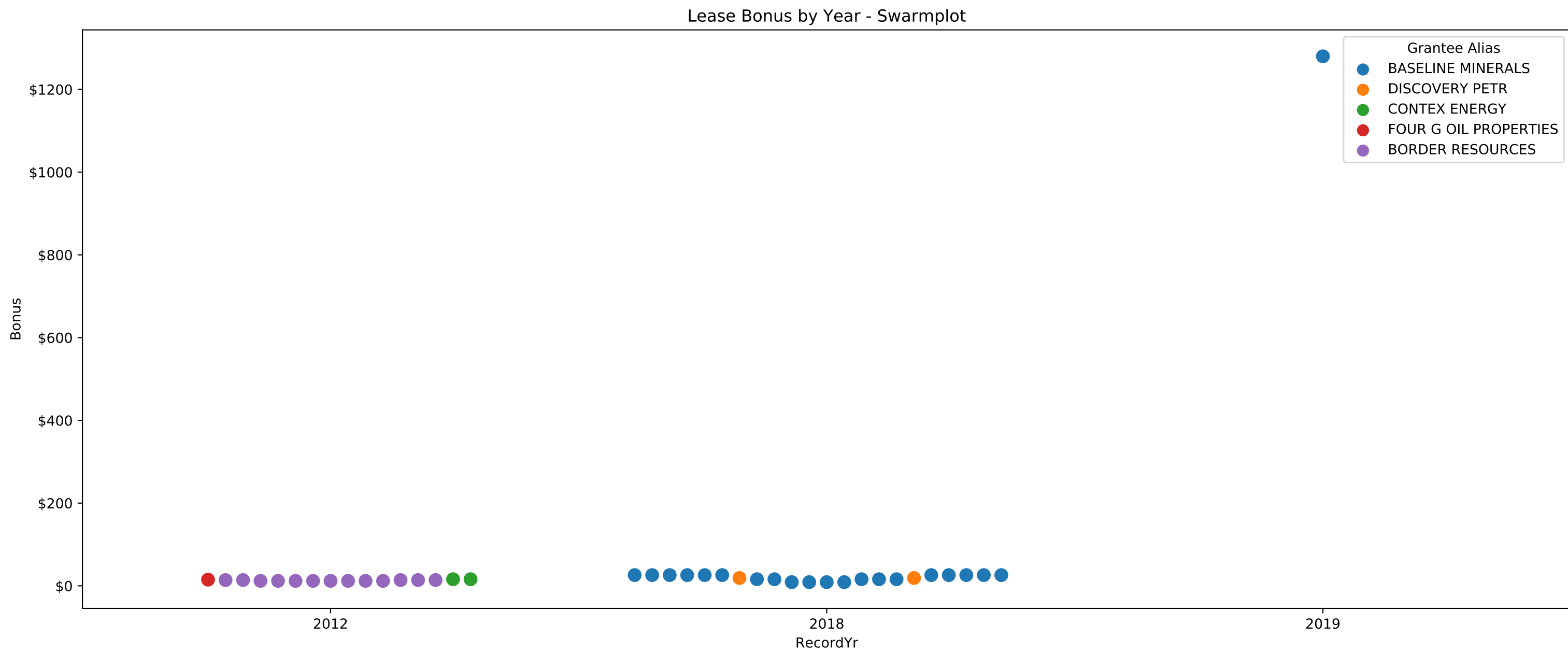
Lease Summary for tract 92
Total Number of Leases: 5
Average Price \$1501/acre in 2019



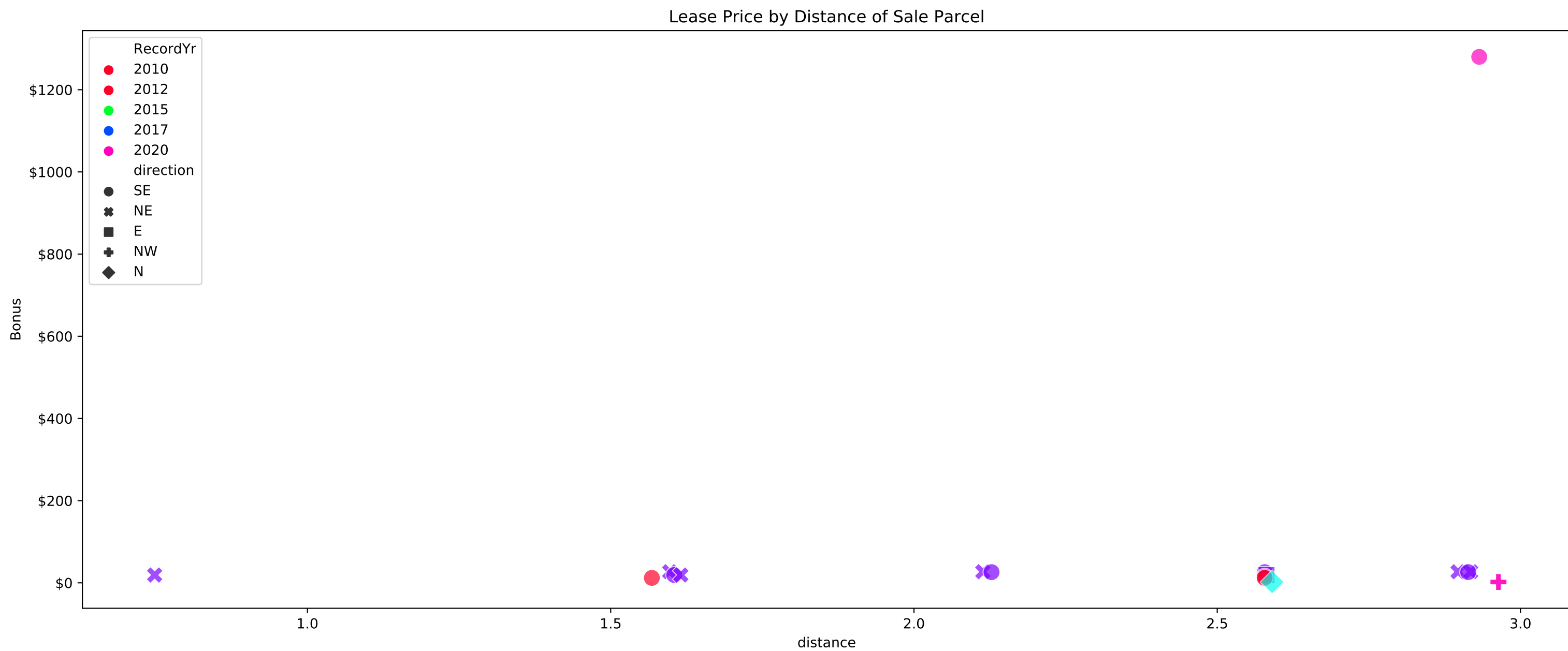
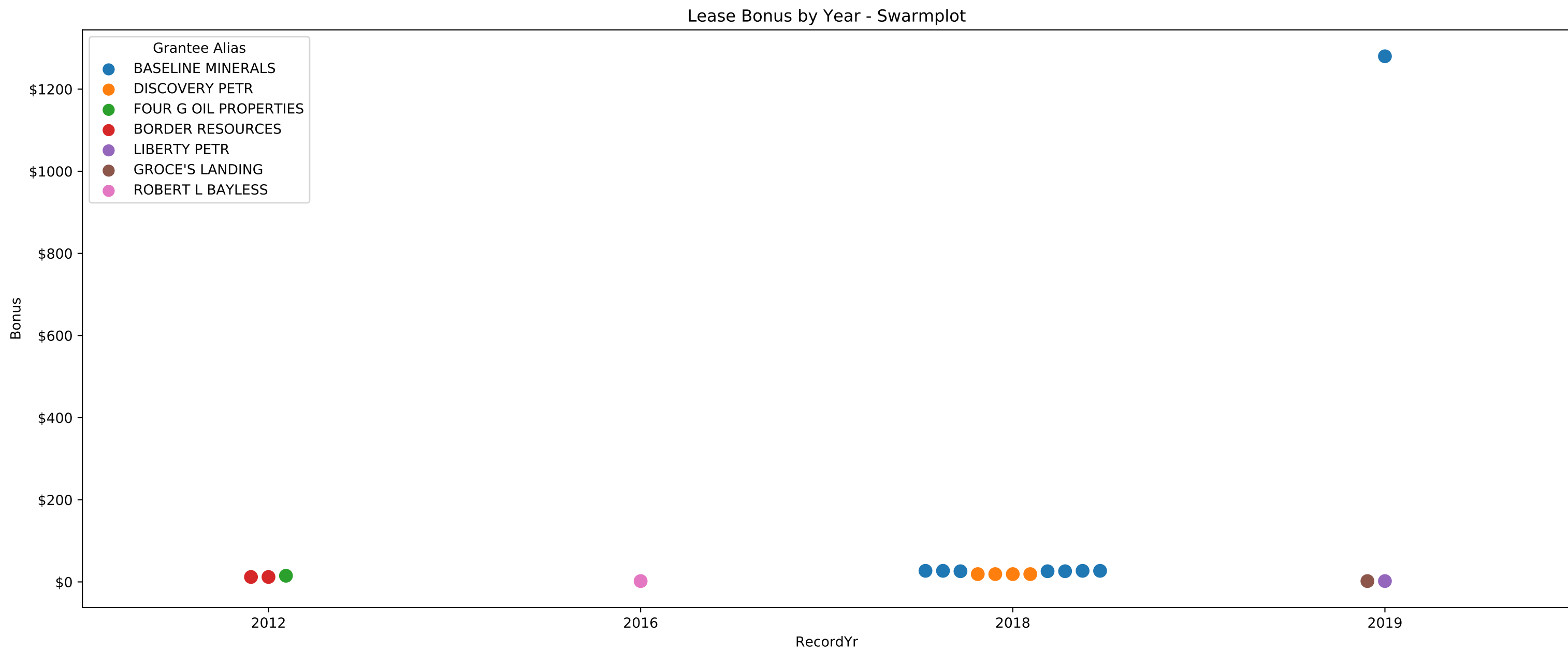
Lease Summary for tract 25
Total Number of Leases: 4
Average Price \$2/acre in 2019



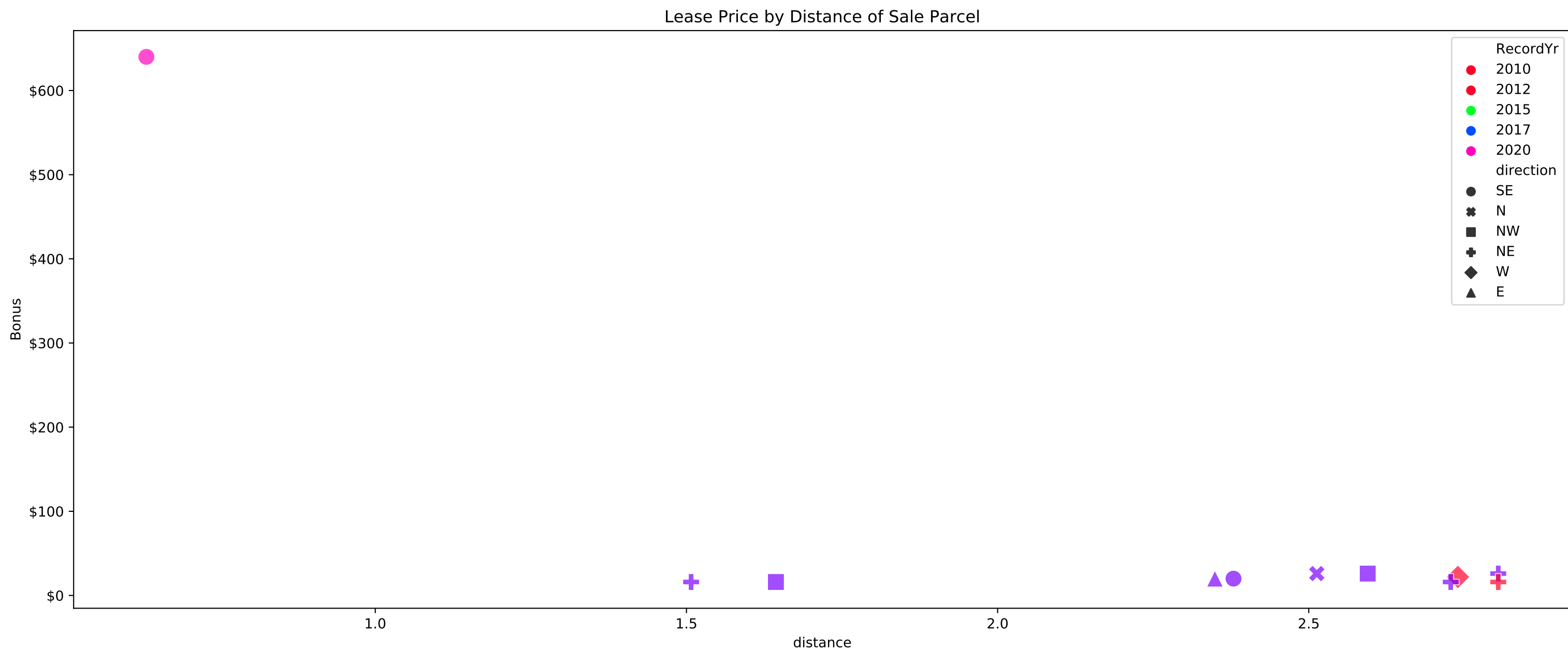
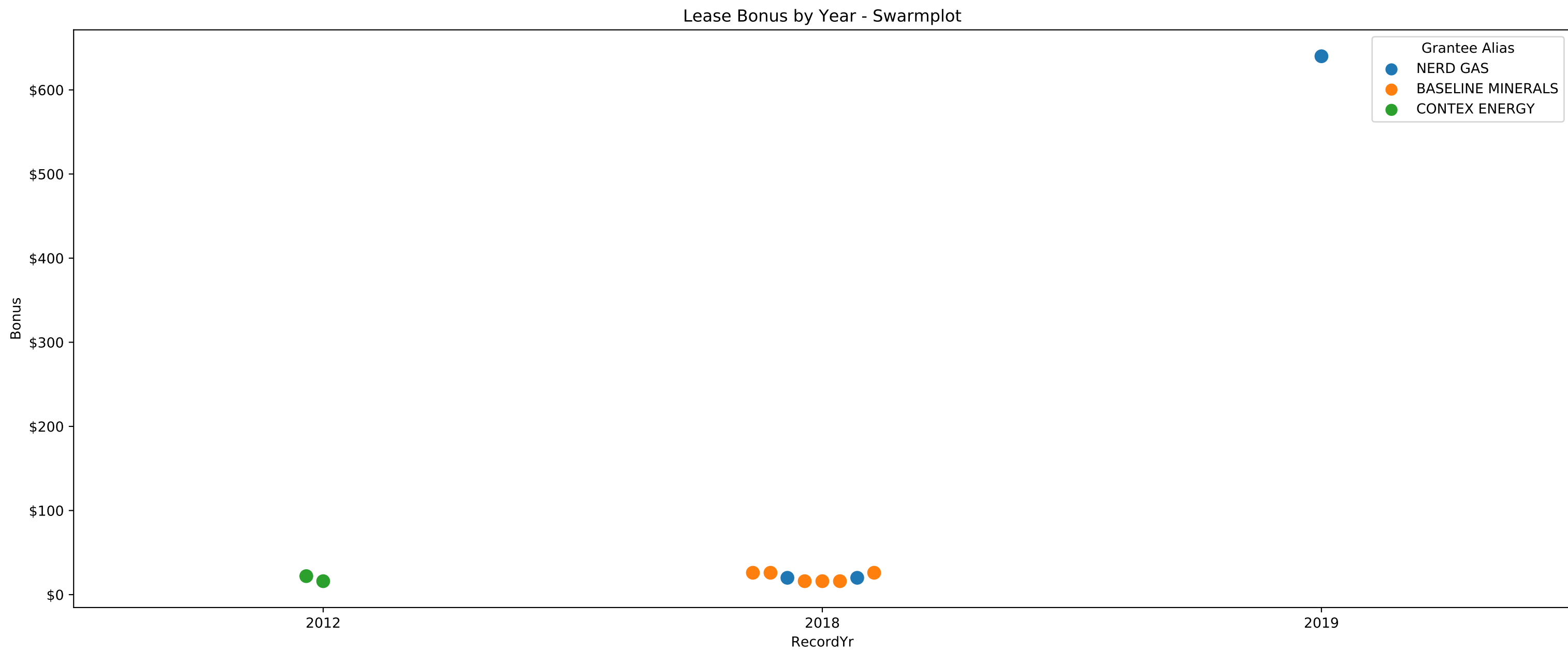
Lease Summary for tract 96
Total Number of Leases: 39
Average Price \$1280/acre in 2019



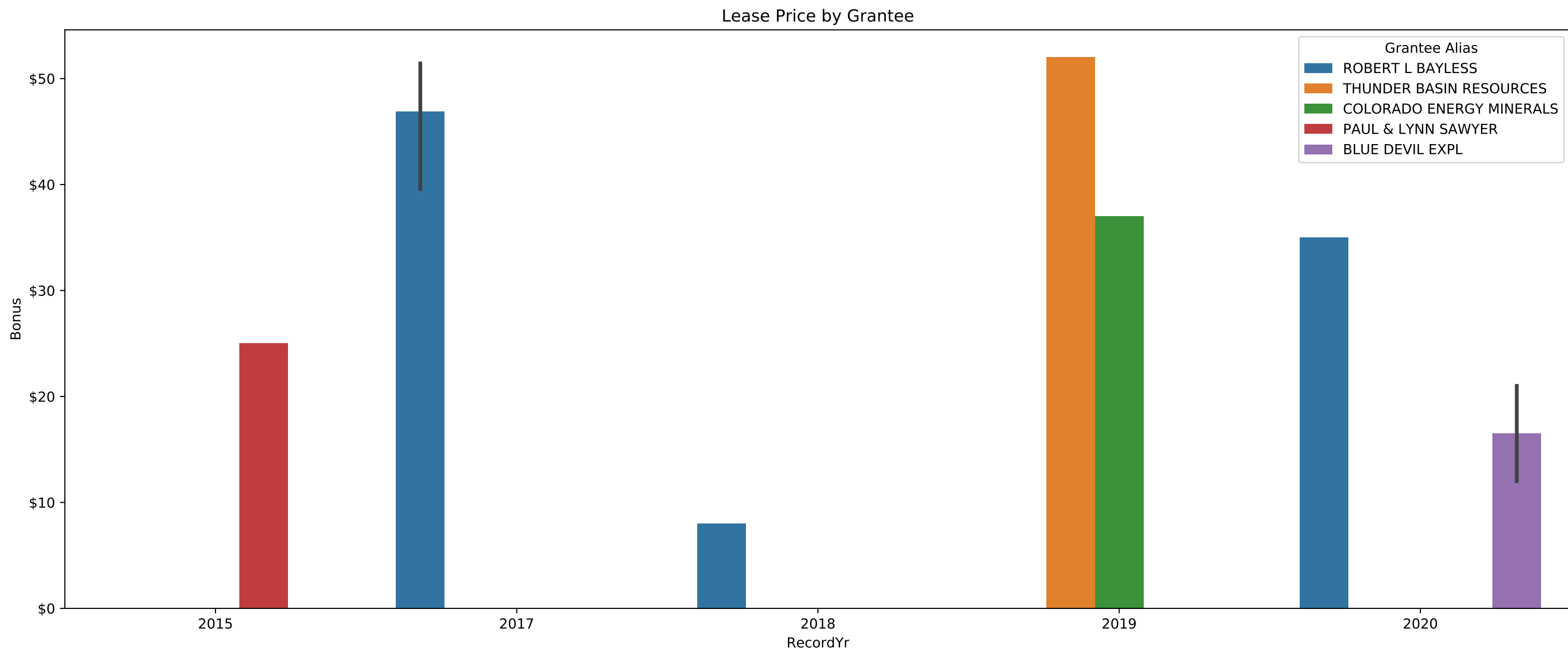
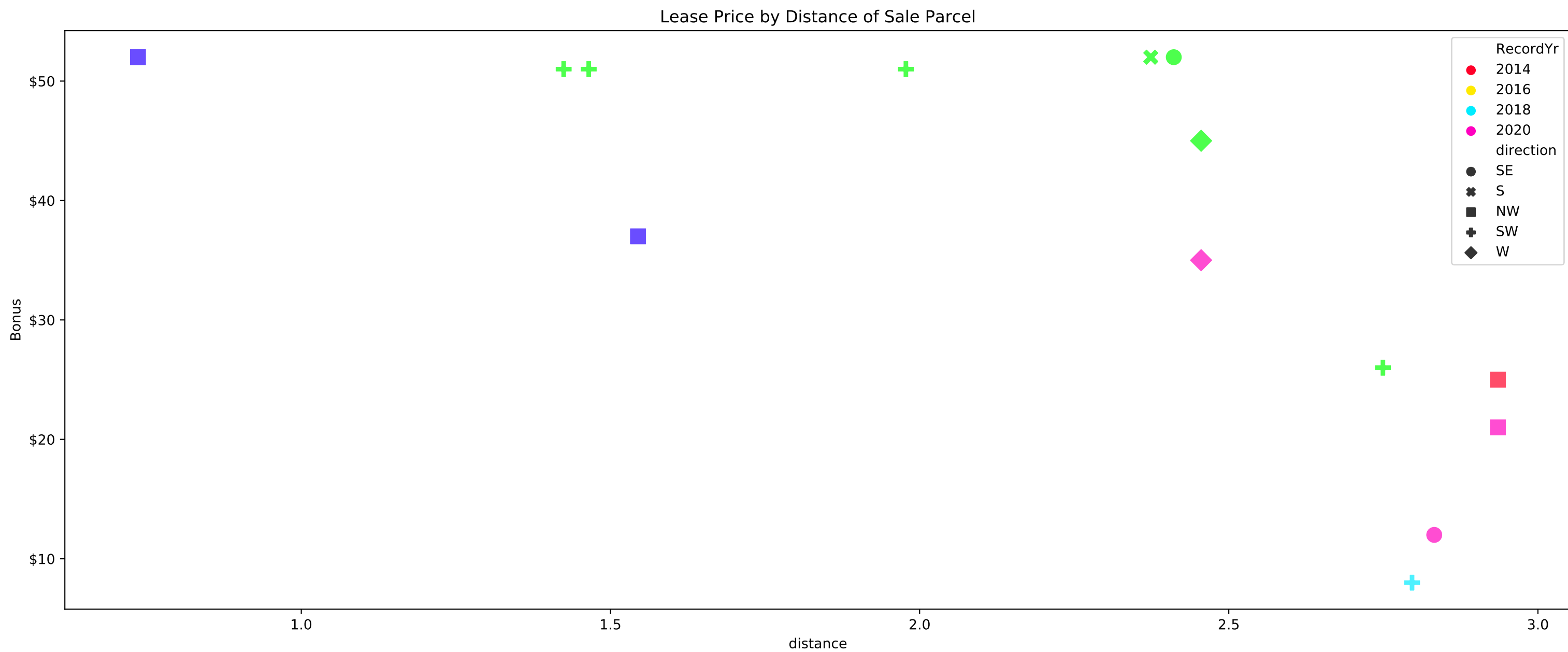
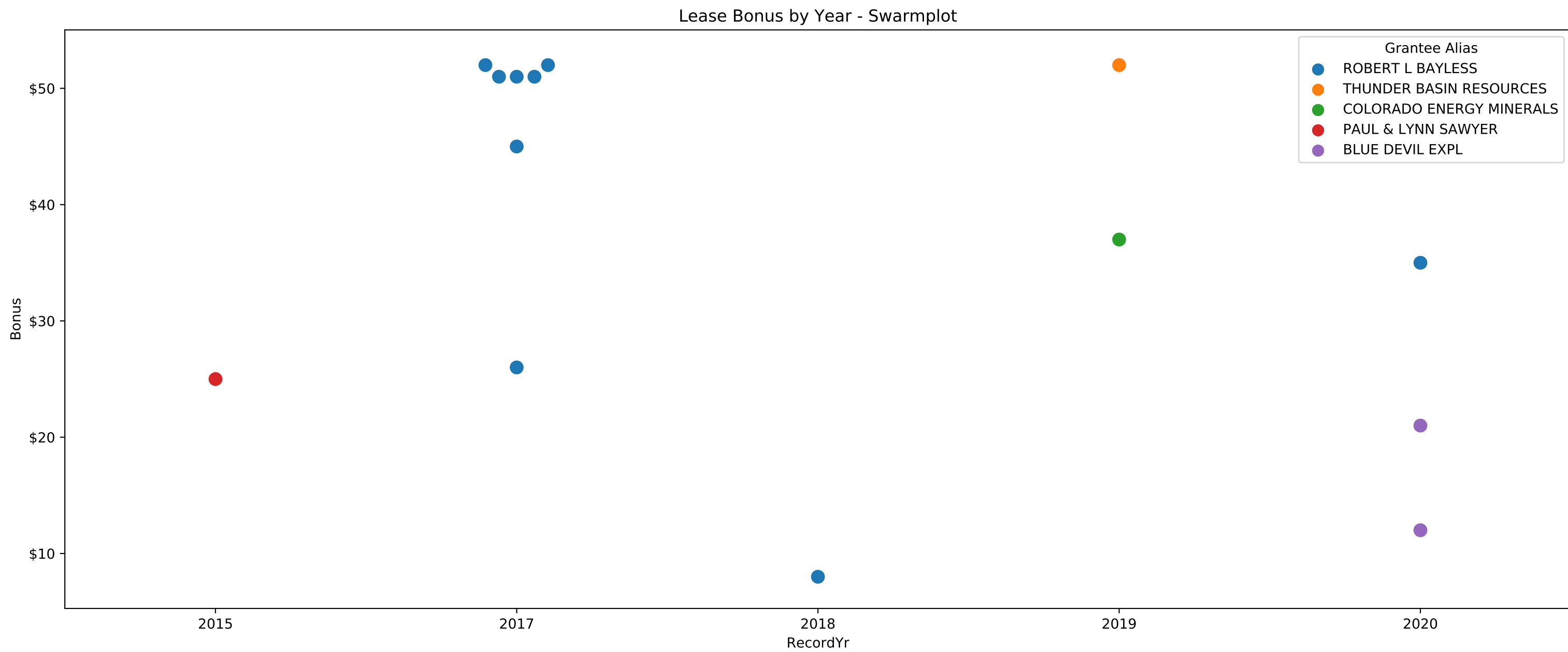
Lease Summary for tract 36
Total Number of Leases: 18
Average Price \$428/acre in 2019



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

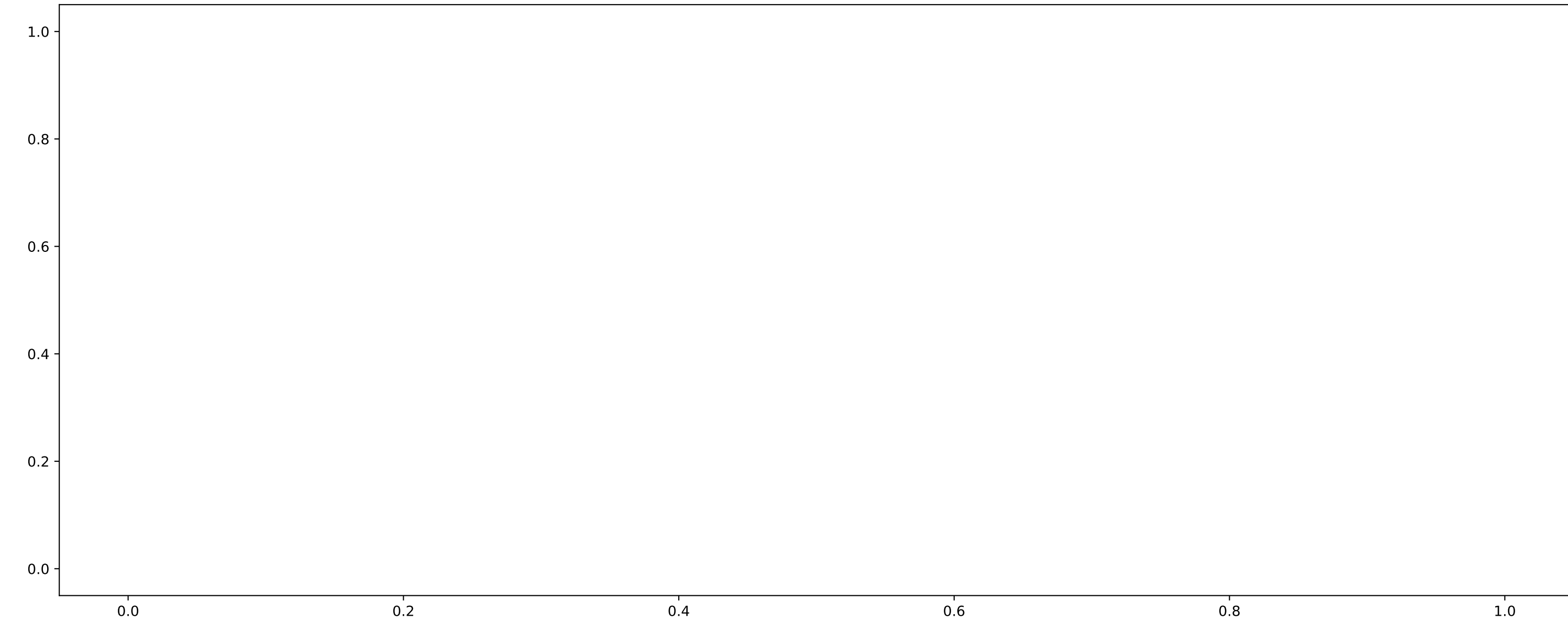


Lease Summary for tract 4
Total Number of Leases: 14
Average Price \$23/acre in 2020

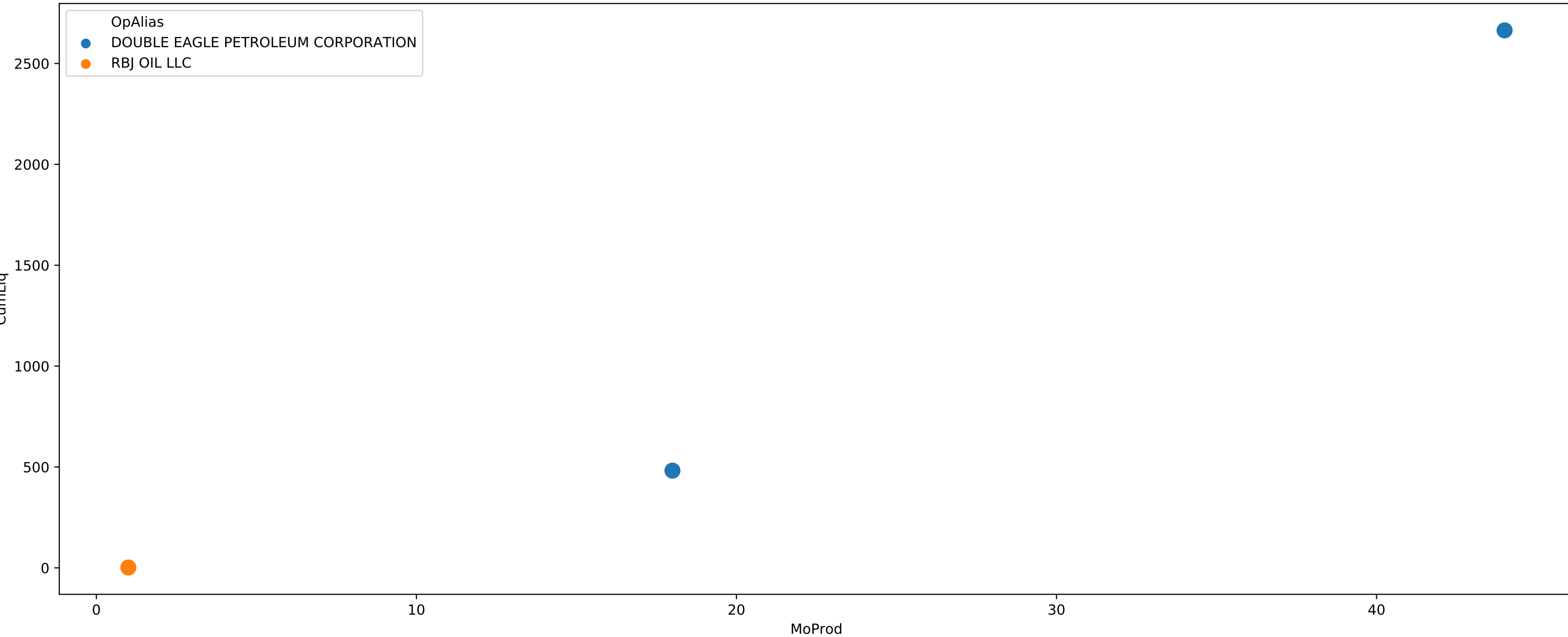


Production Dashboard for tract 3

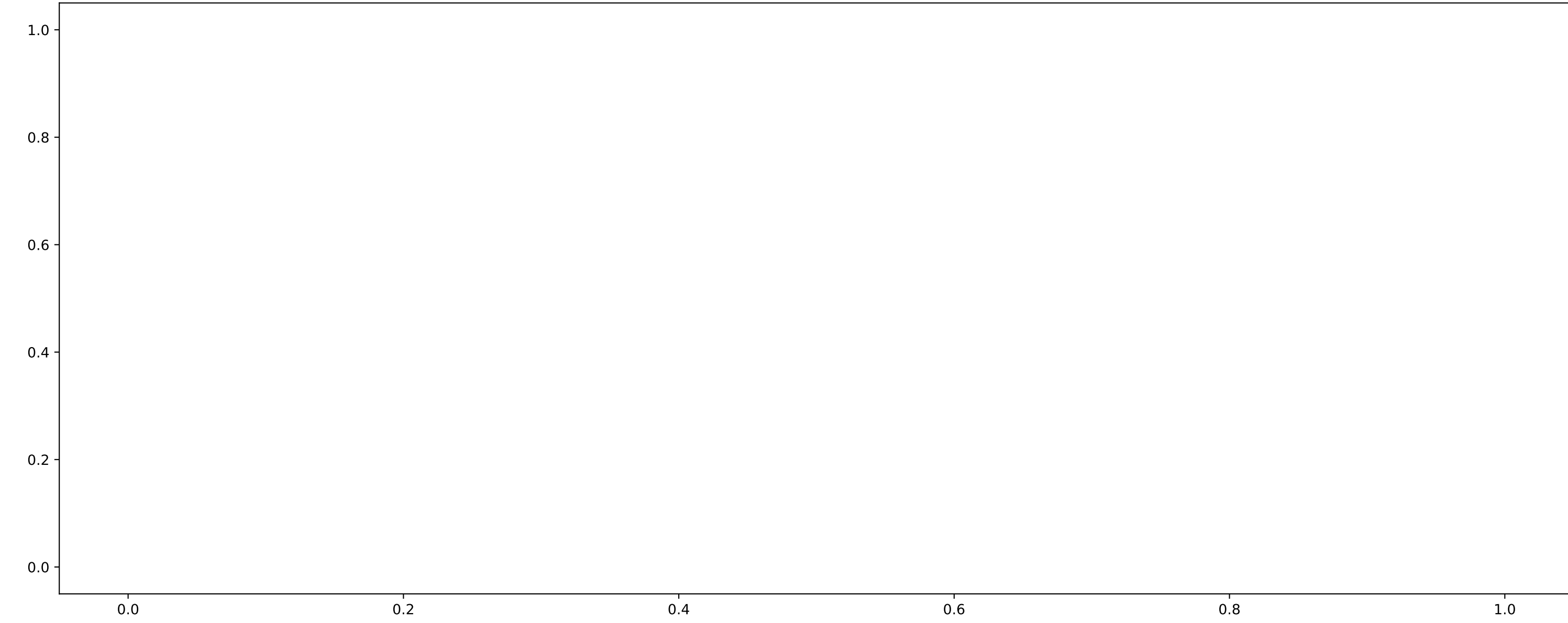
Scatter Plot - Cumulative Gas vs Cumalative Oil - Colored by Months Produced



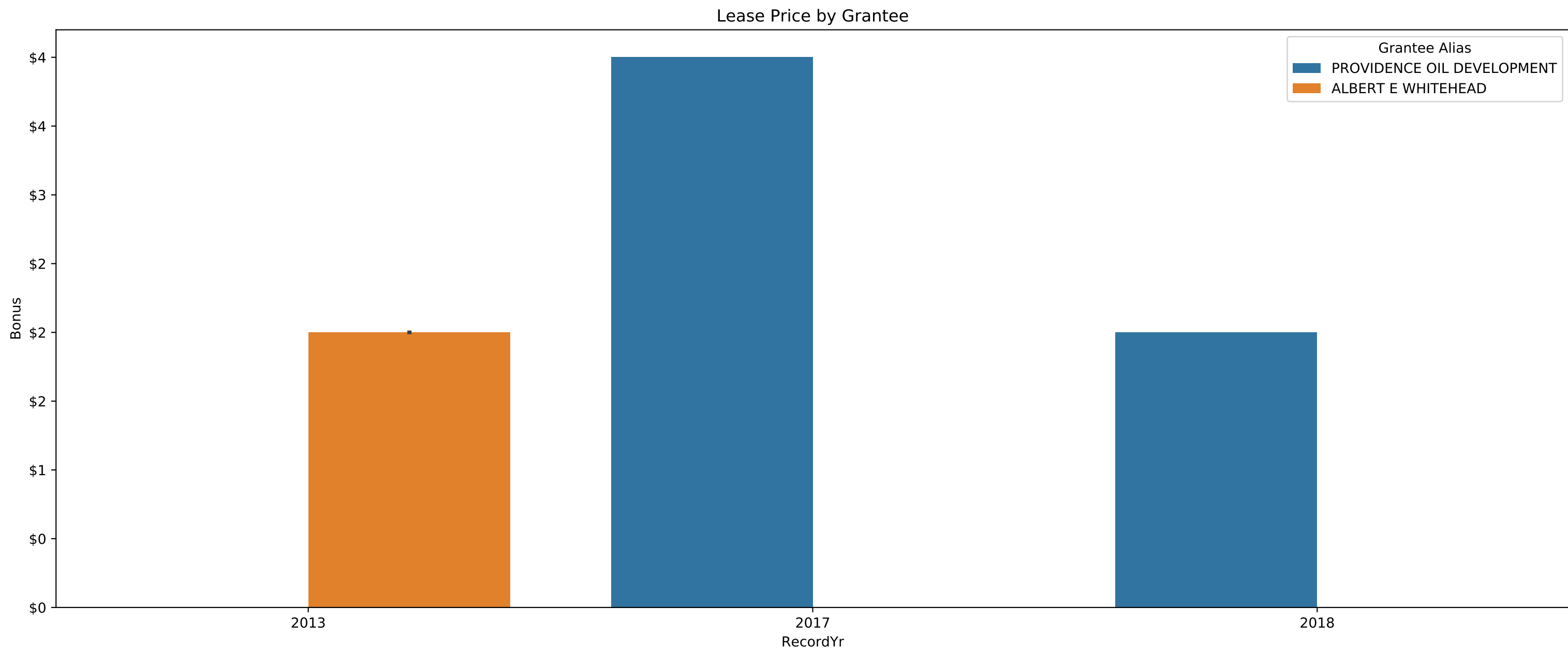
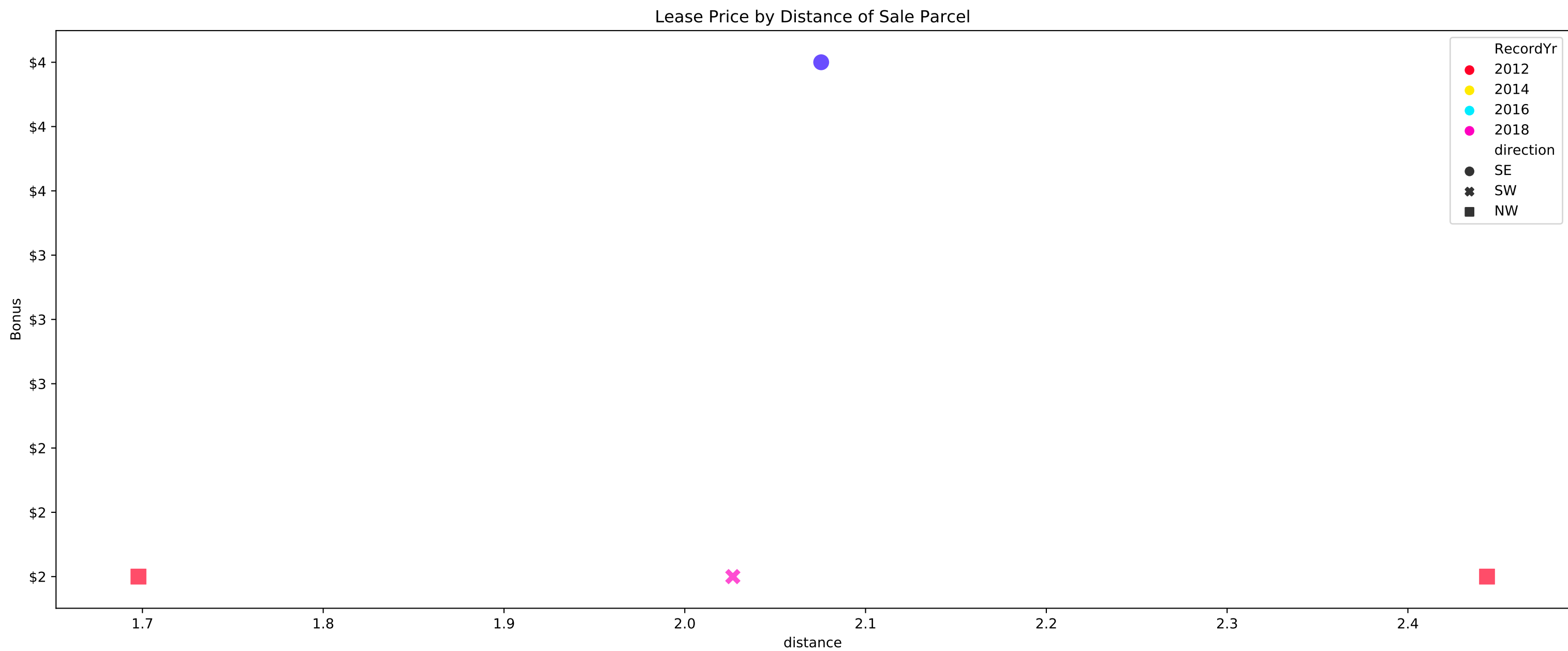
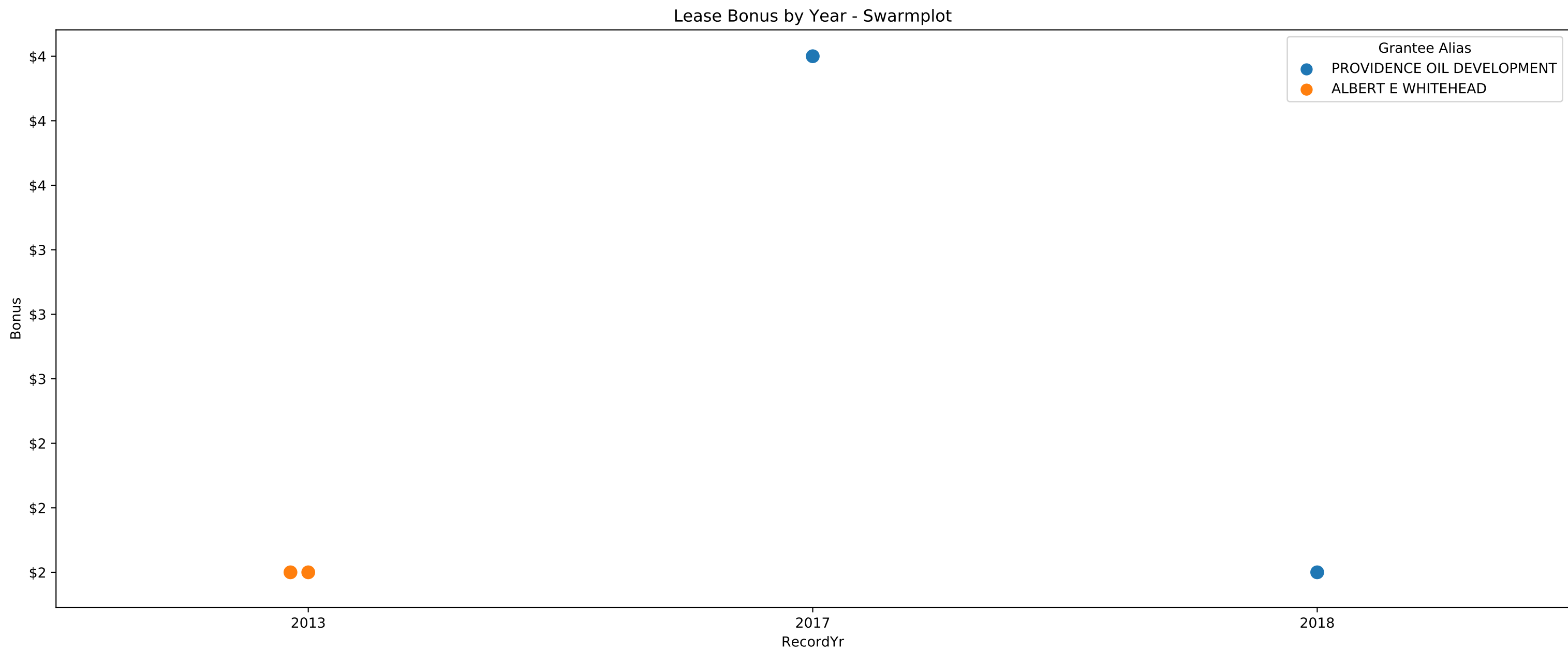
Cumaltive Oil vs. Months Produced - Colored by Operator



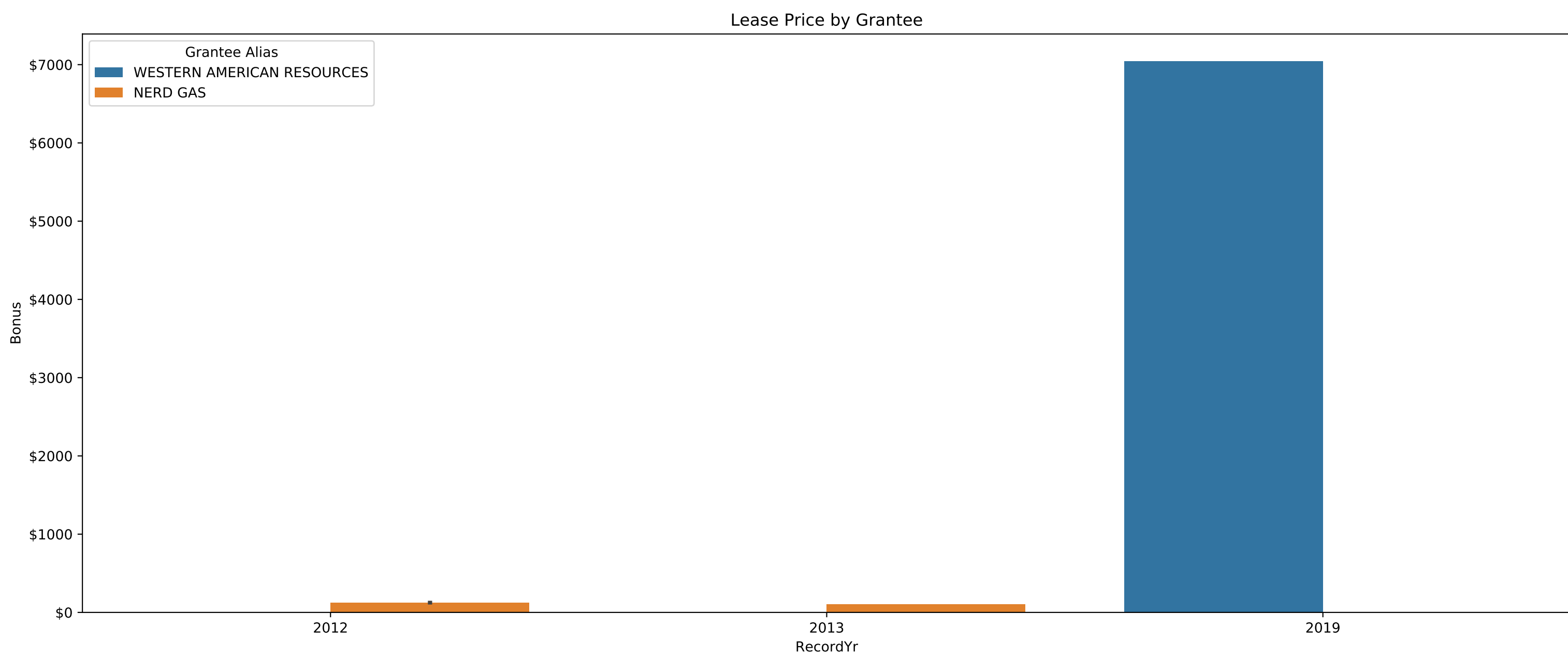
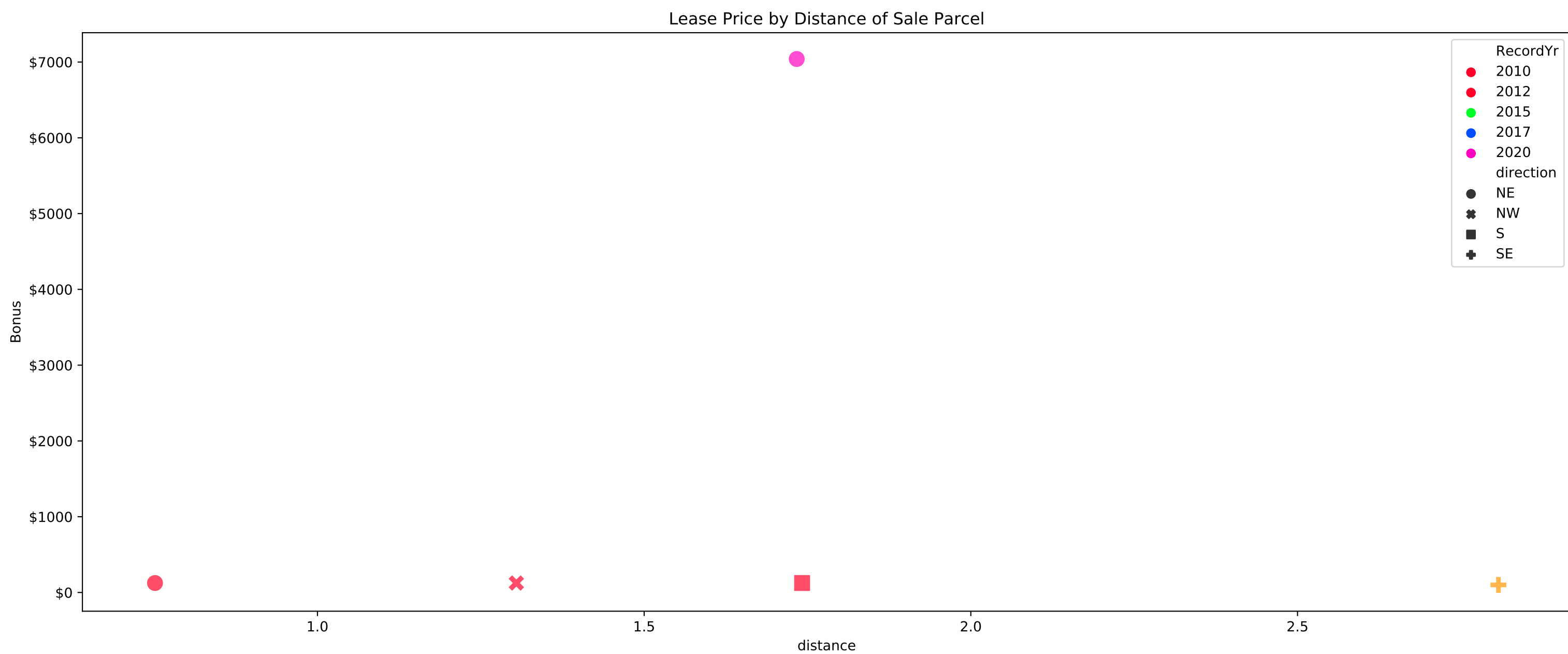
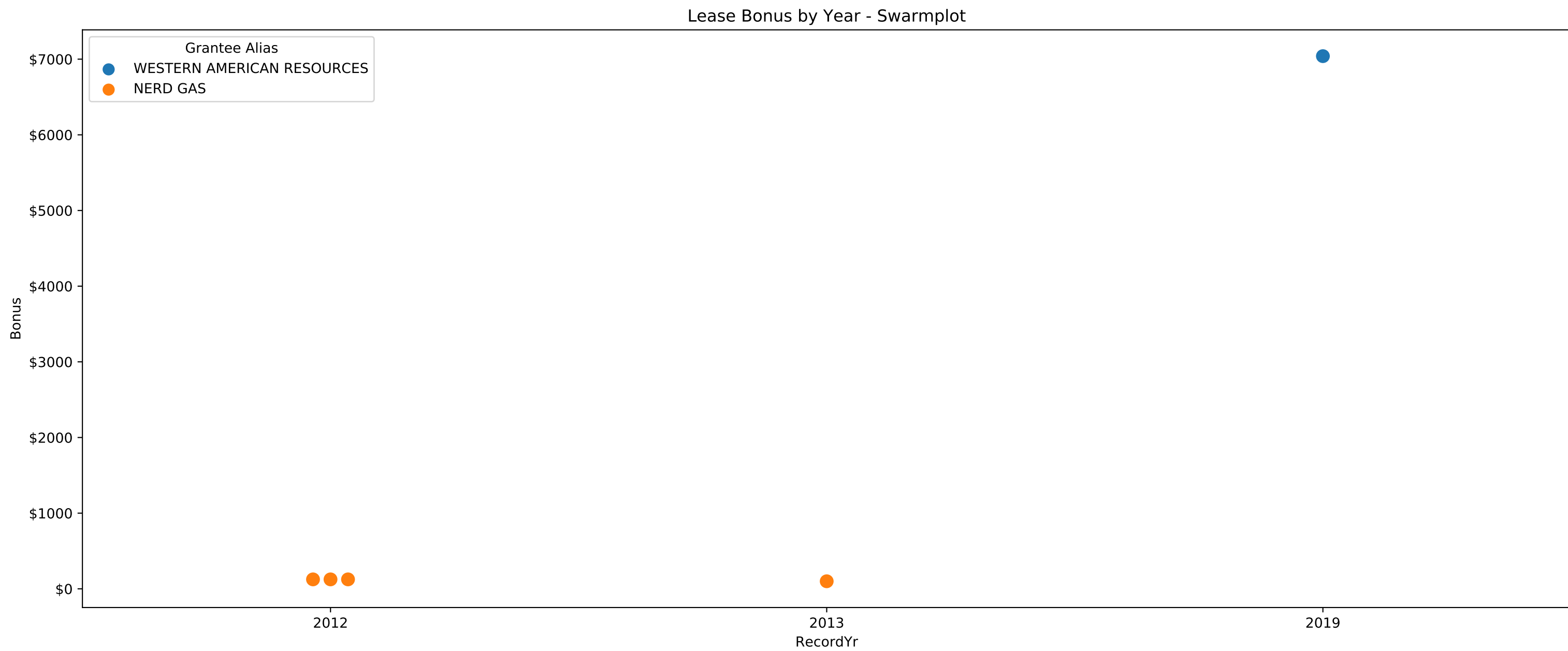
Cumalative Gas vs. Months Produced - Colored by Operator



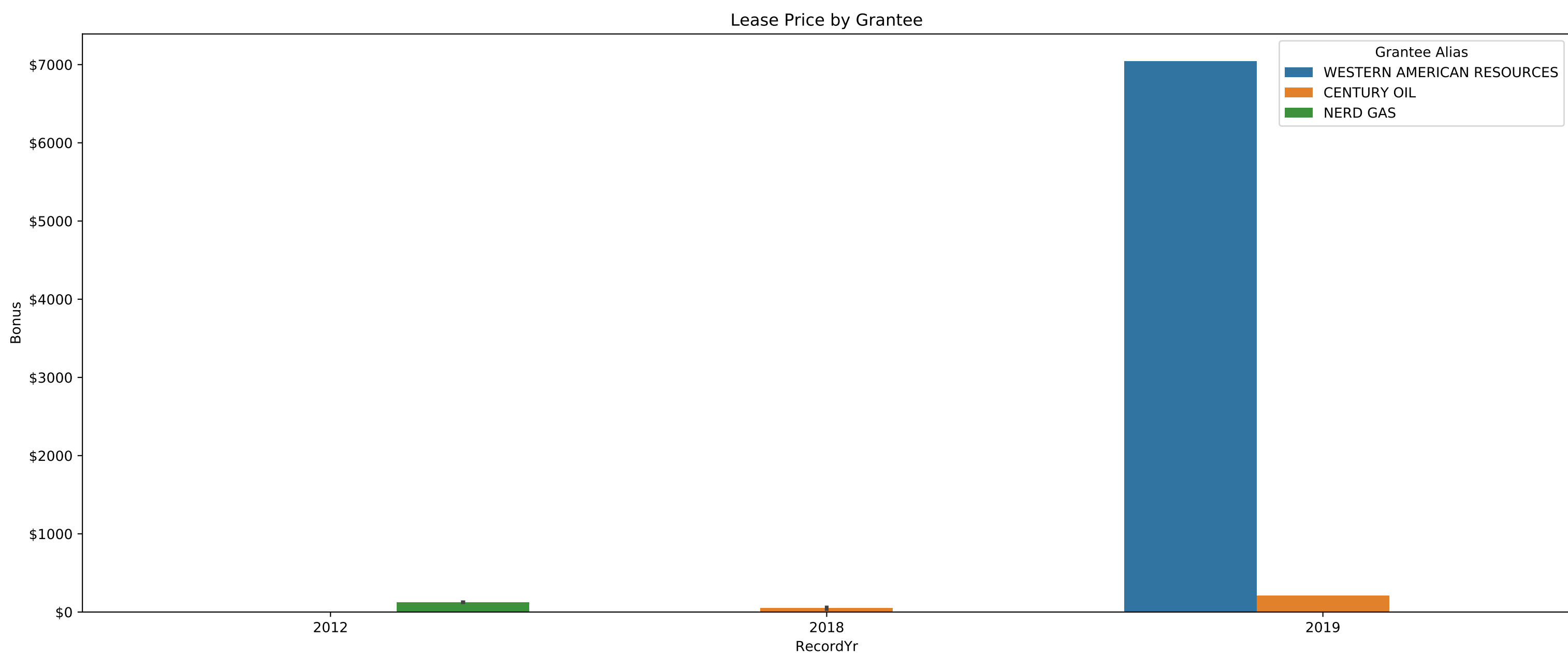
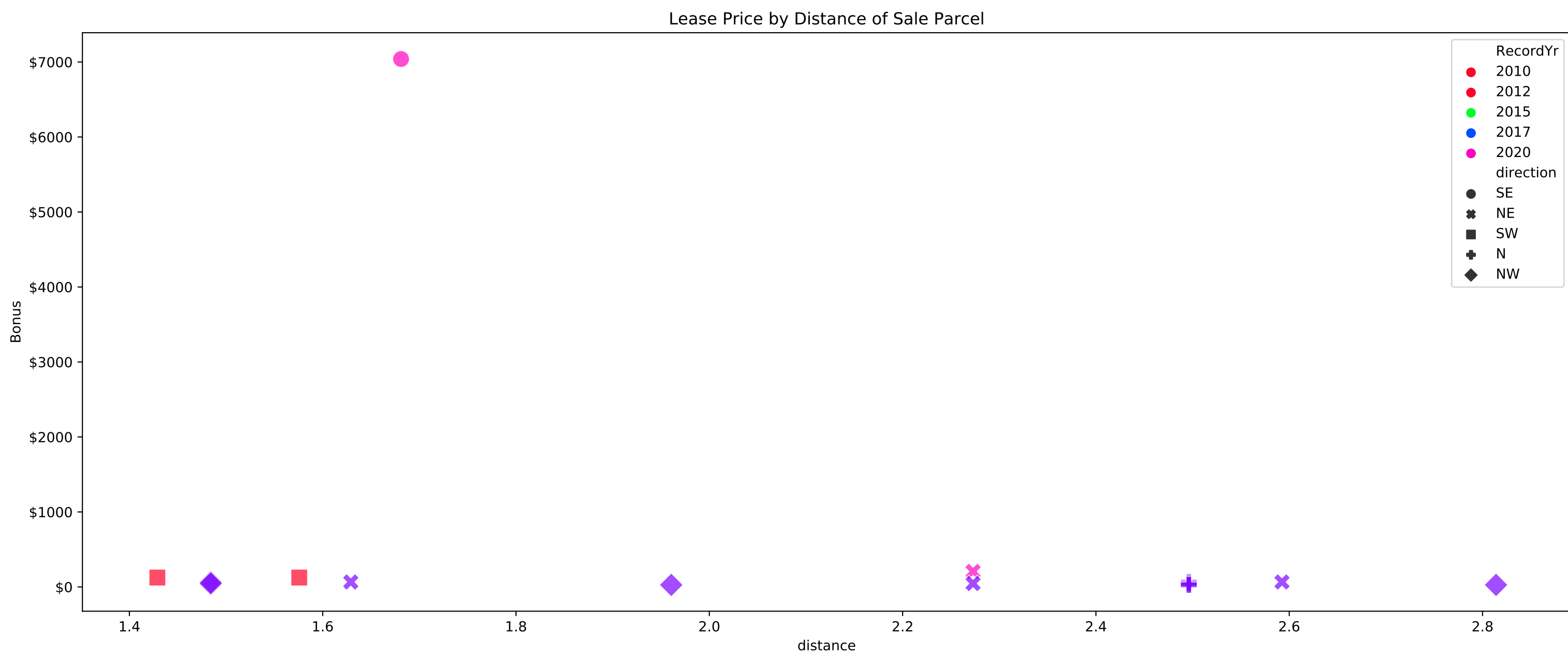
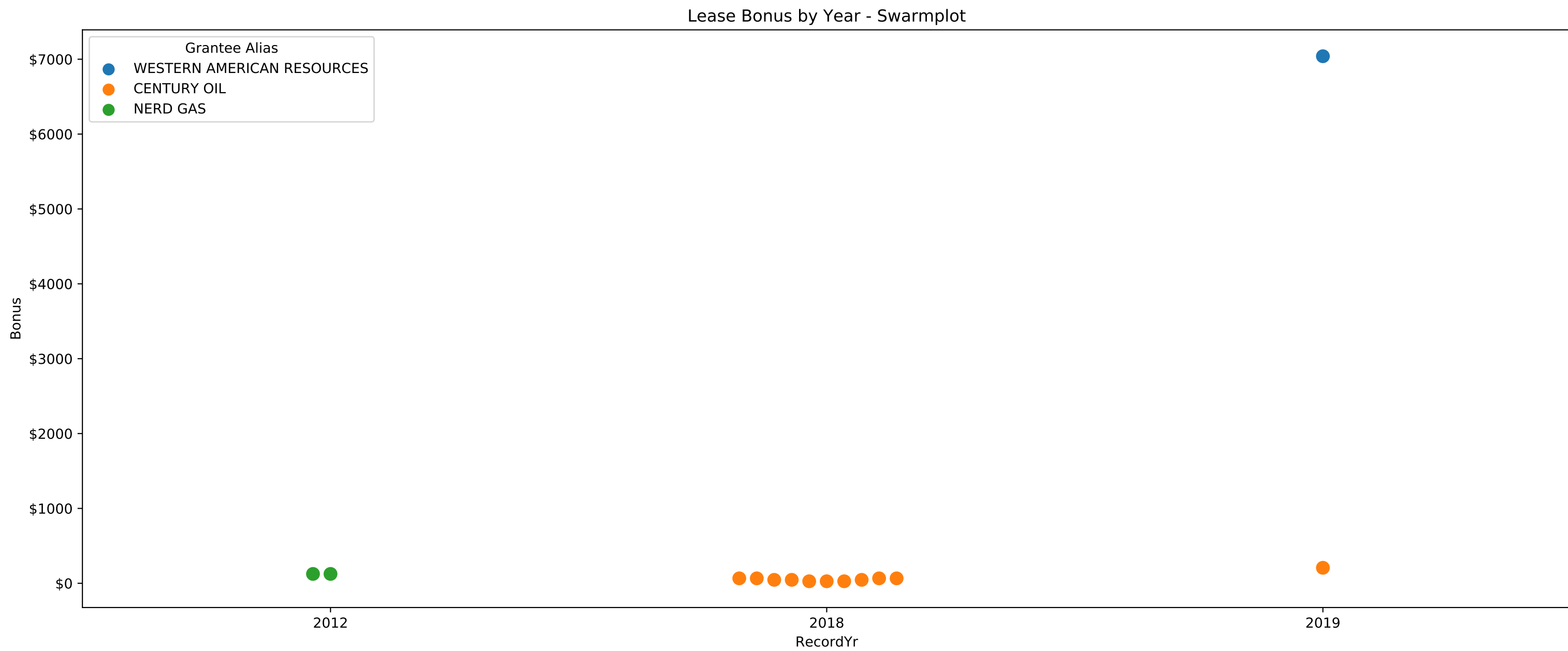
Lease Summary for tract 3
Total Number of Leases: 4
Average Price \$2/acre in 2018



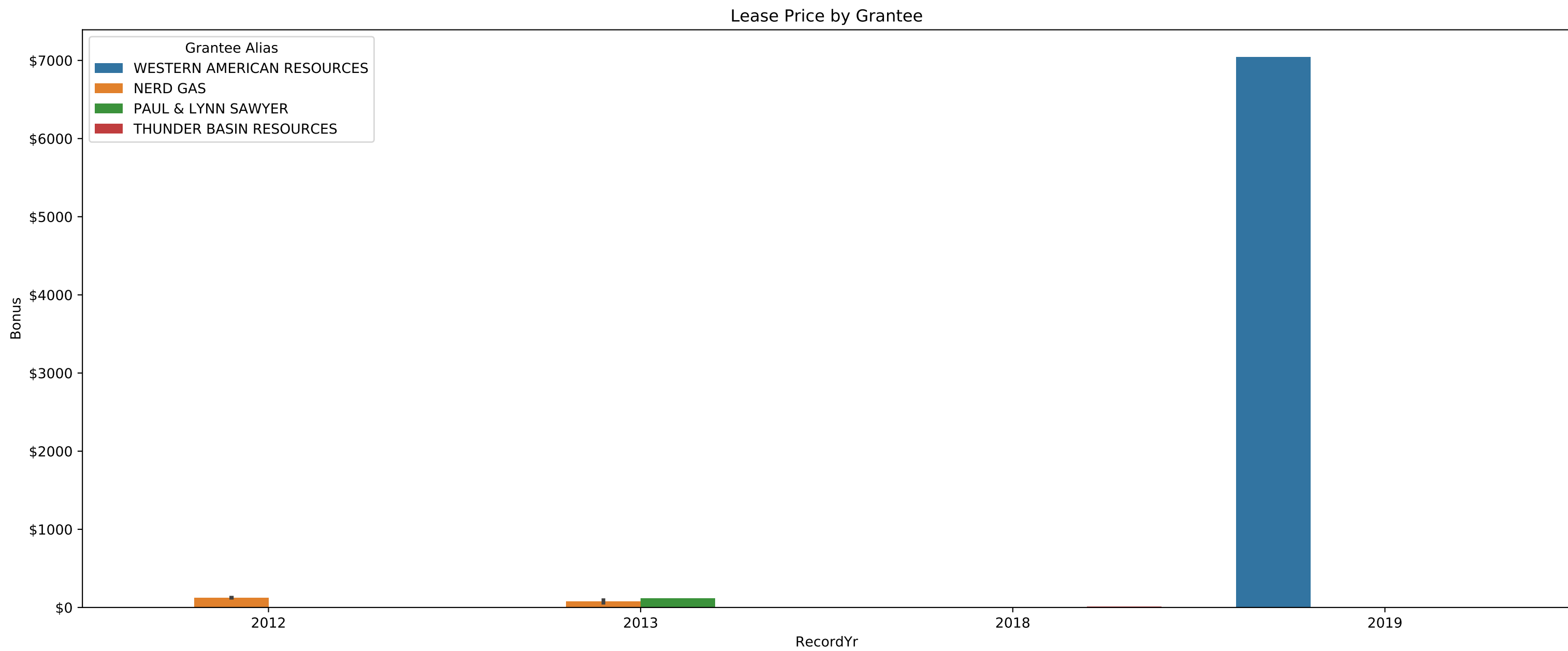
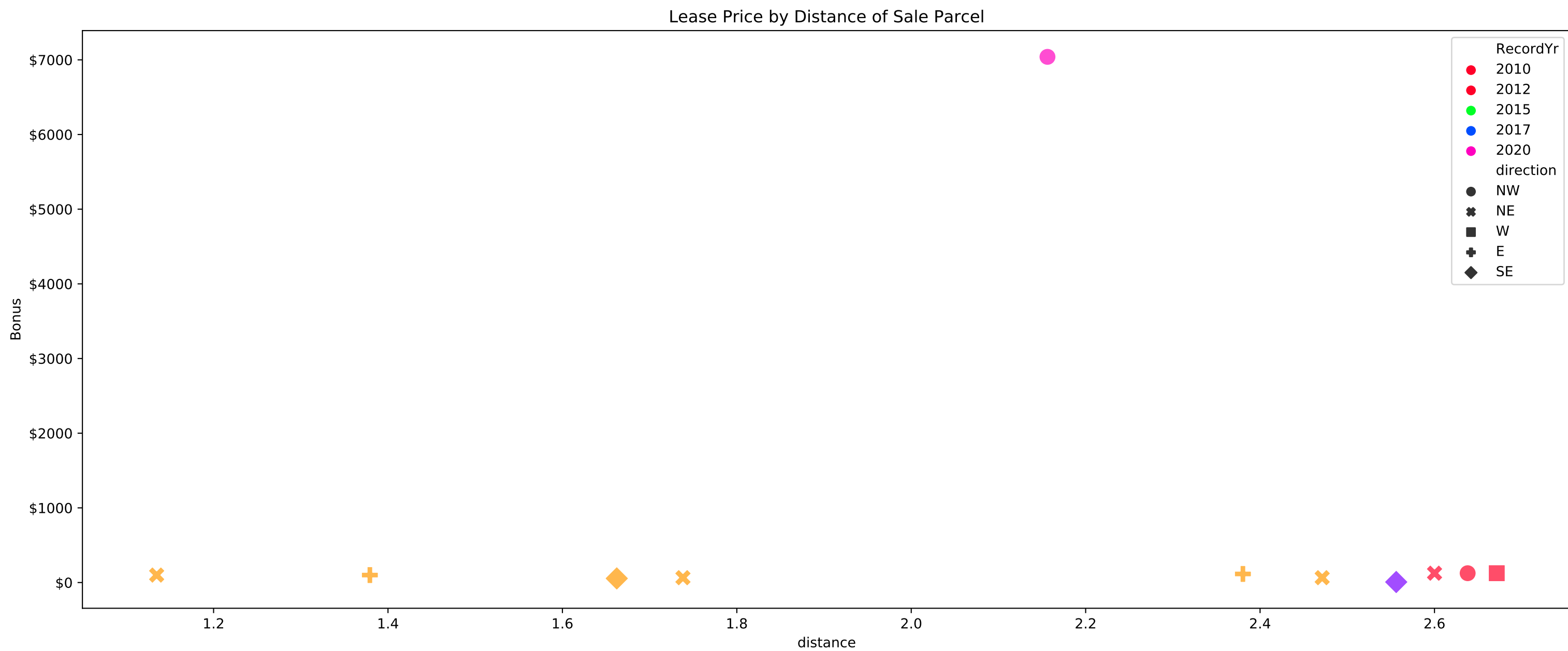
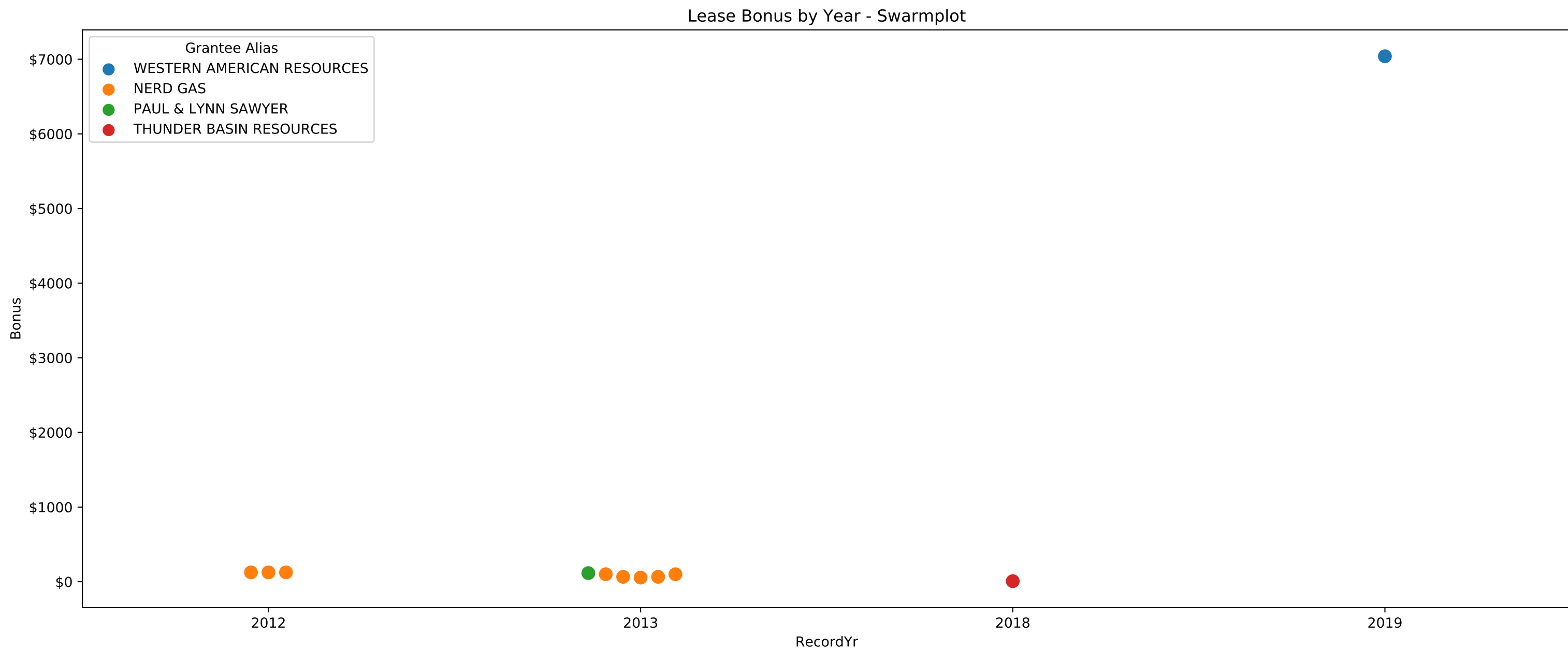
Lease Summary for tract 28
Total Number of Leases: 5
Average Price \$7040/acre in 2019



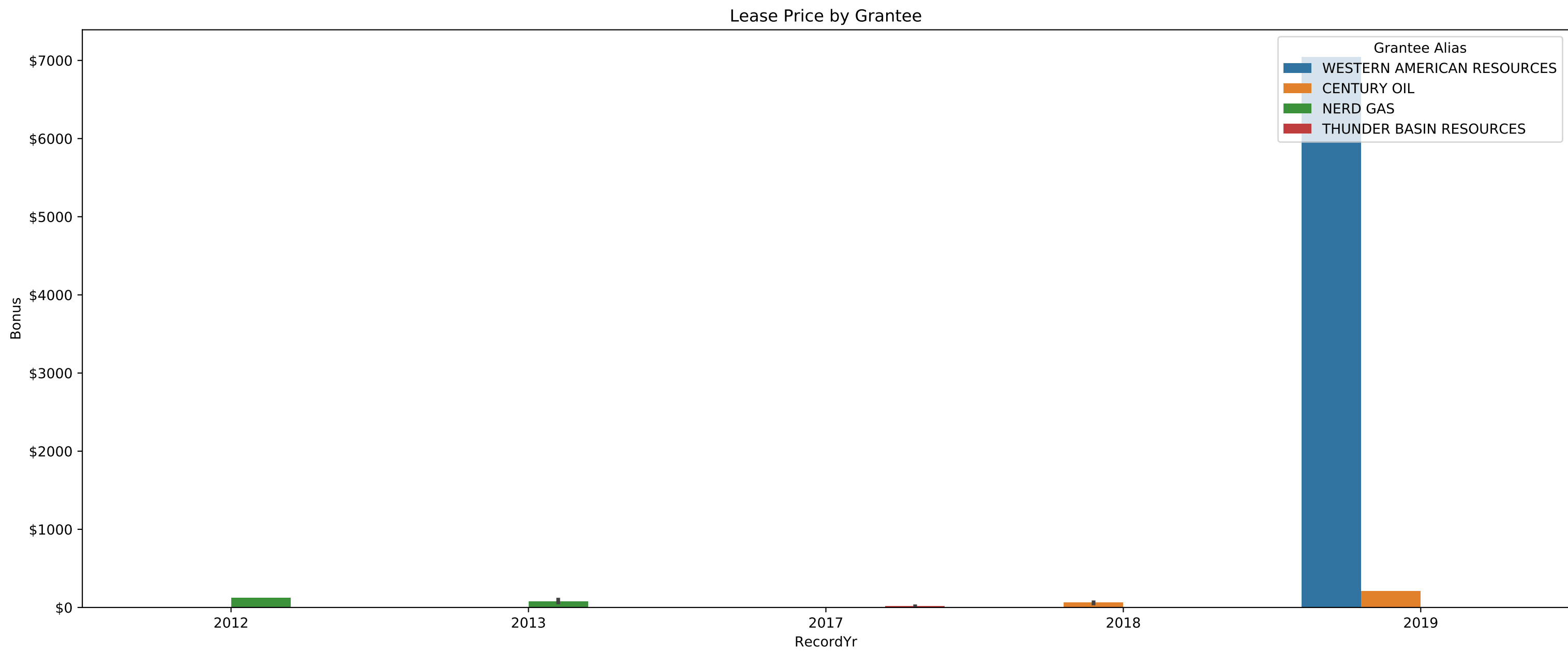
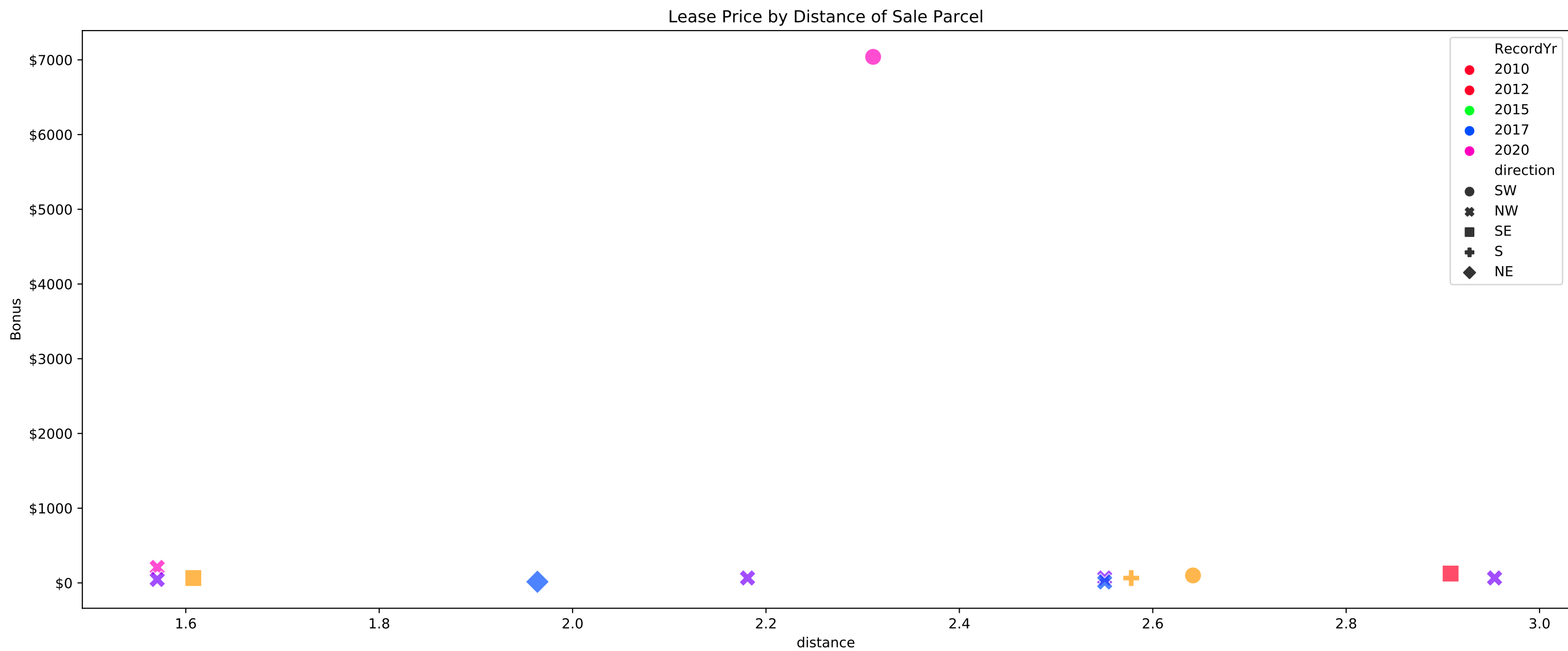
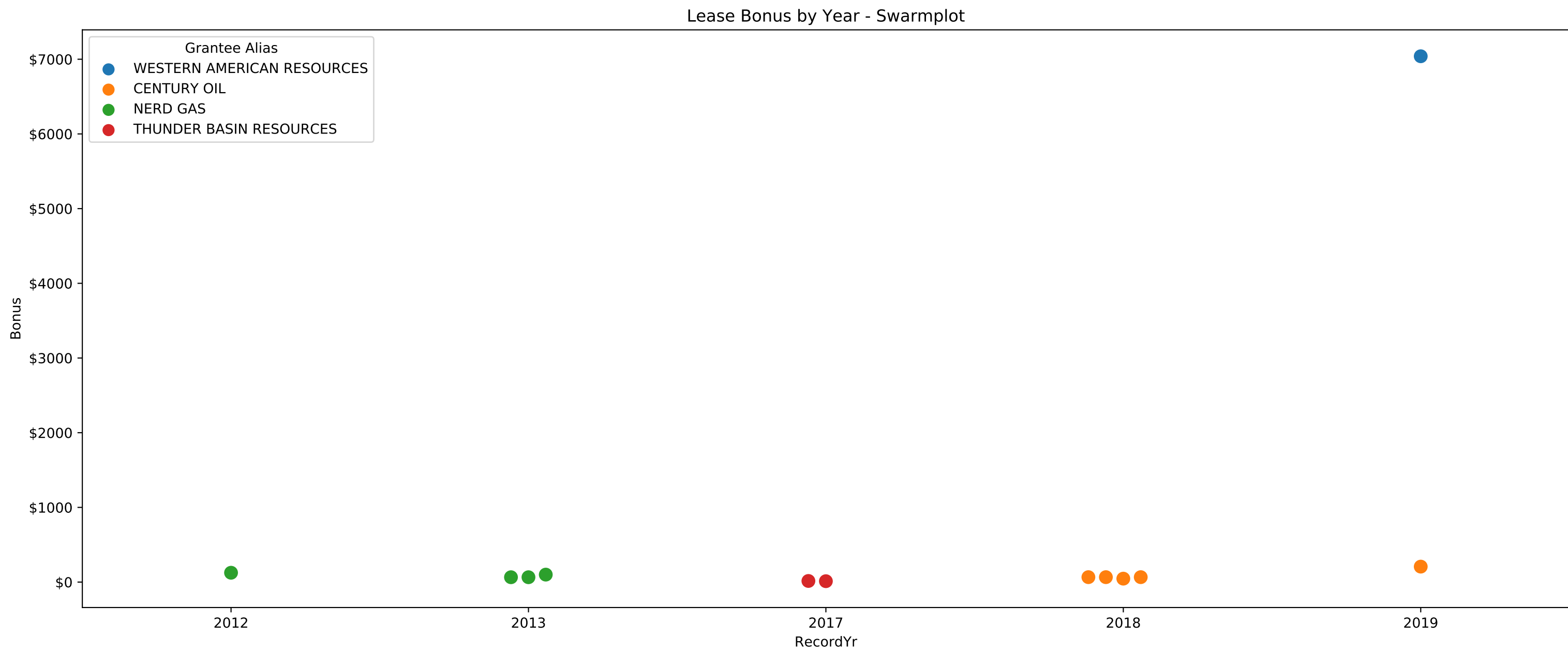
Lease Summary for tract 14
Total Number of Leases: 14
Average Price \$3624/acre in 2019



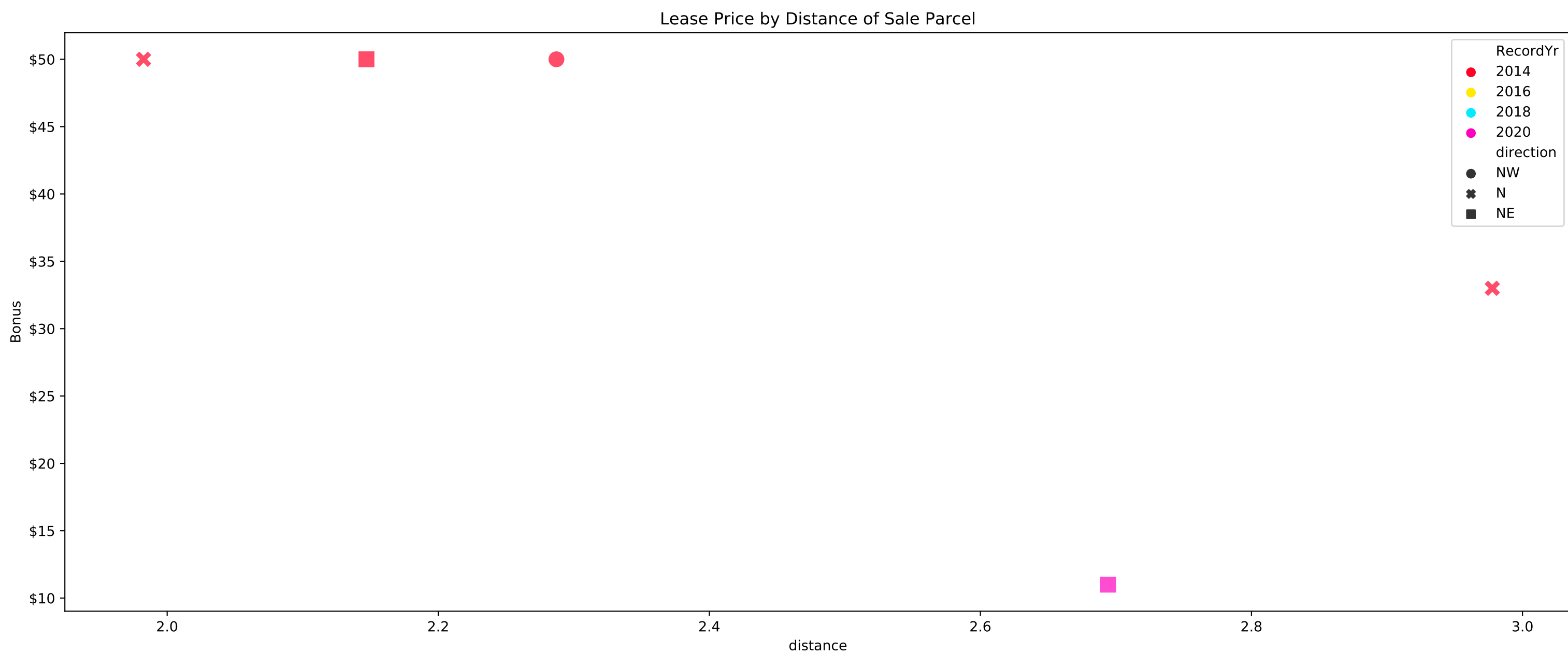
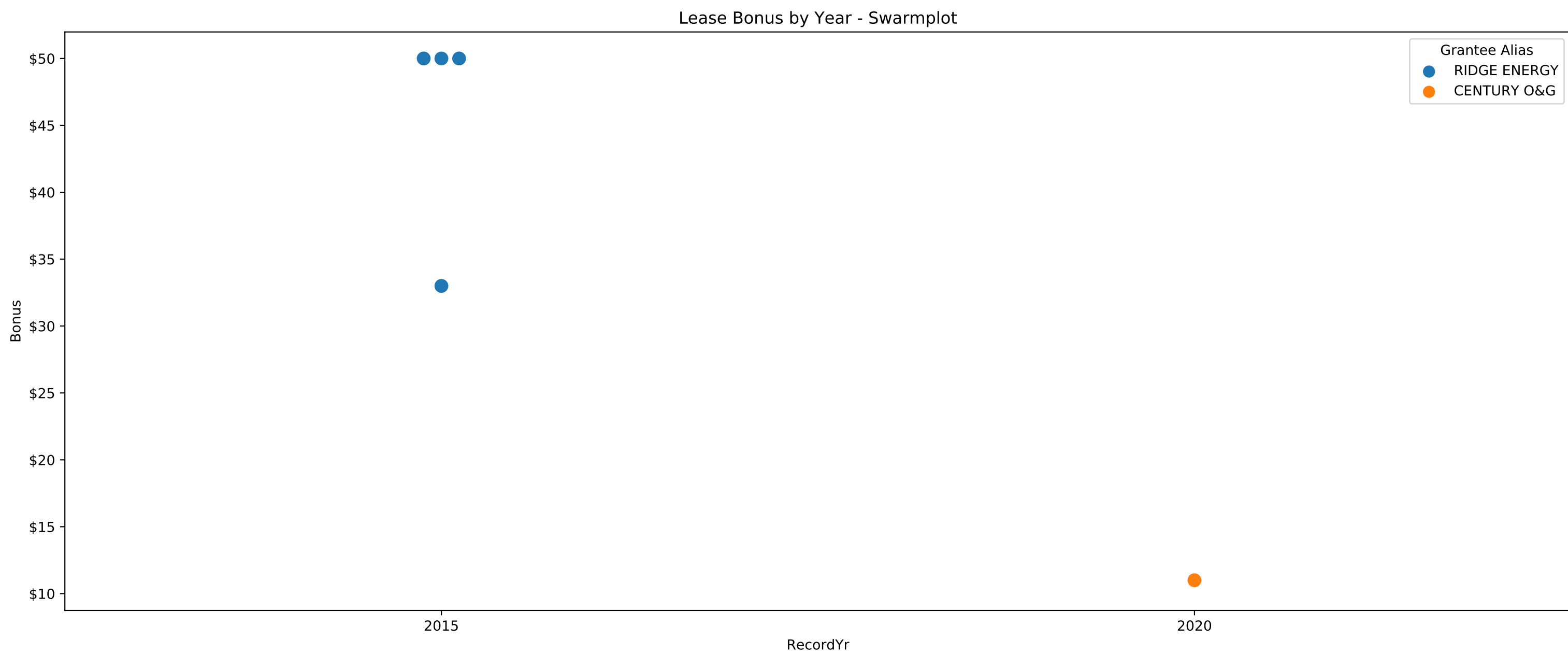
Lease Summary for tract 6
Total Number of Leases: 11
Average Price \$7040/acre in 2019



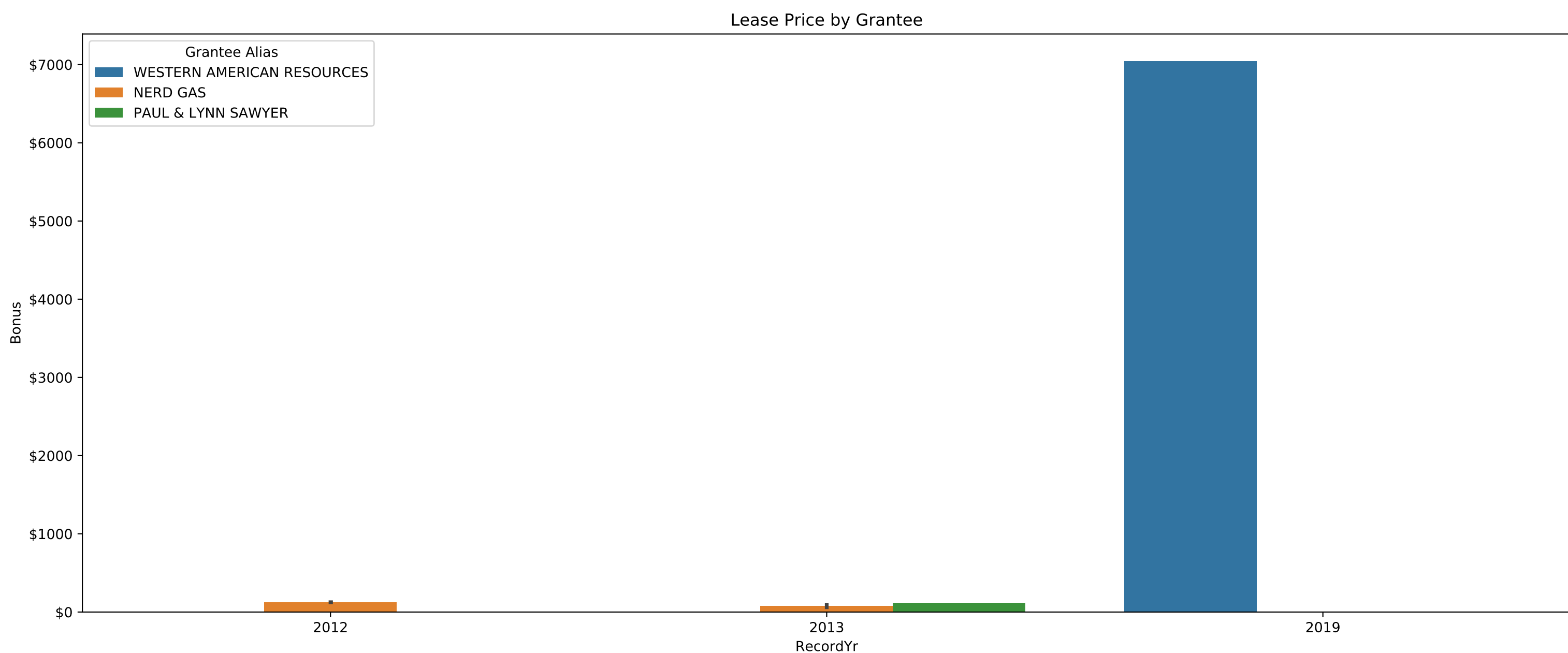
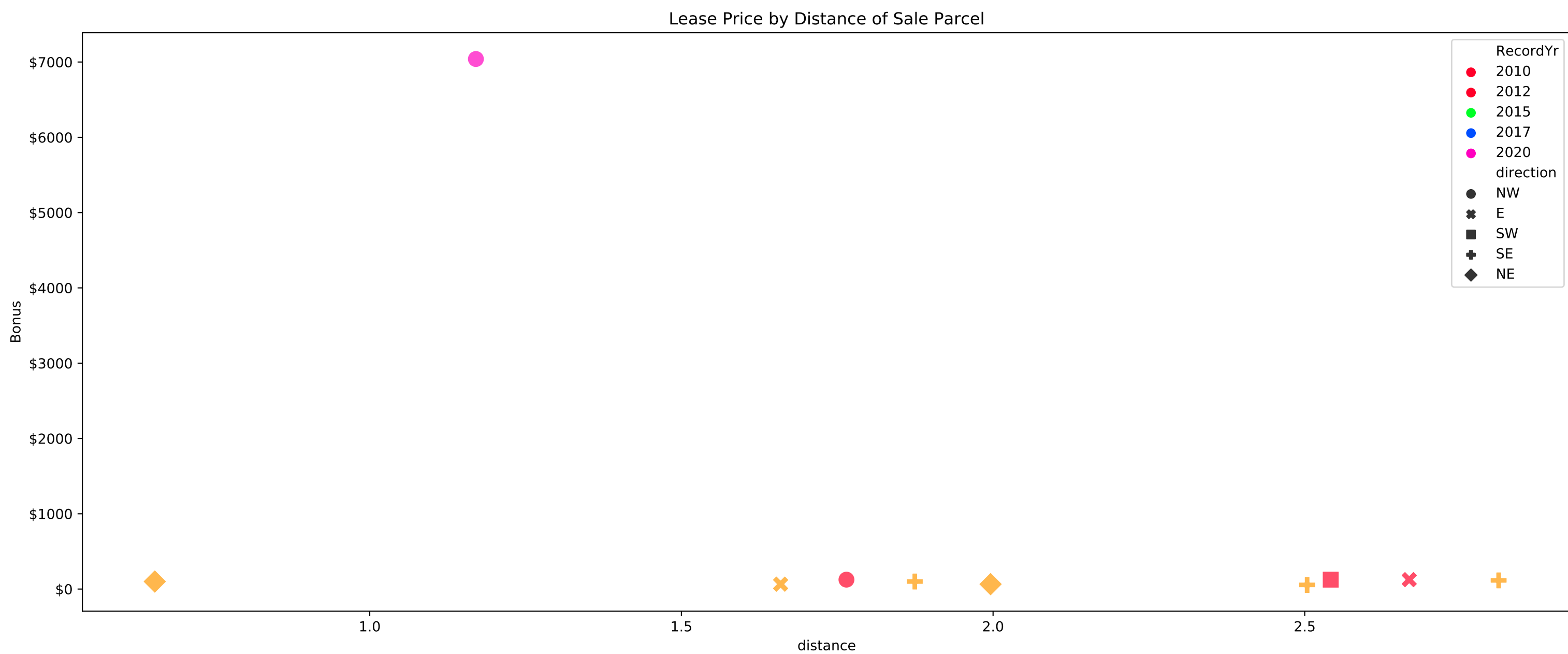
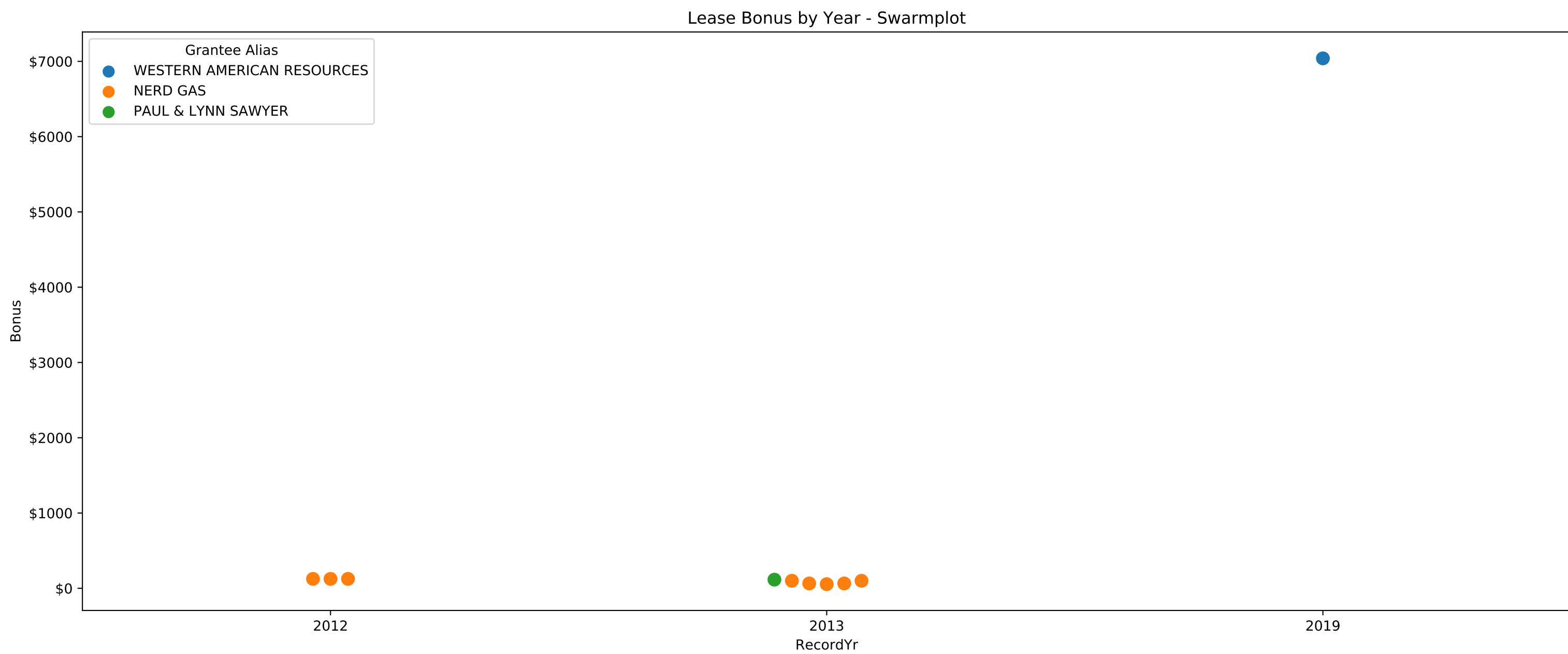
Lease Summary for tract 1
Total Number of Leases: 12
Average Price \$3624/acre in 2019



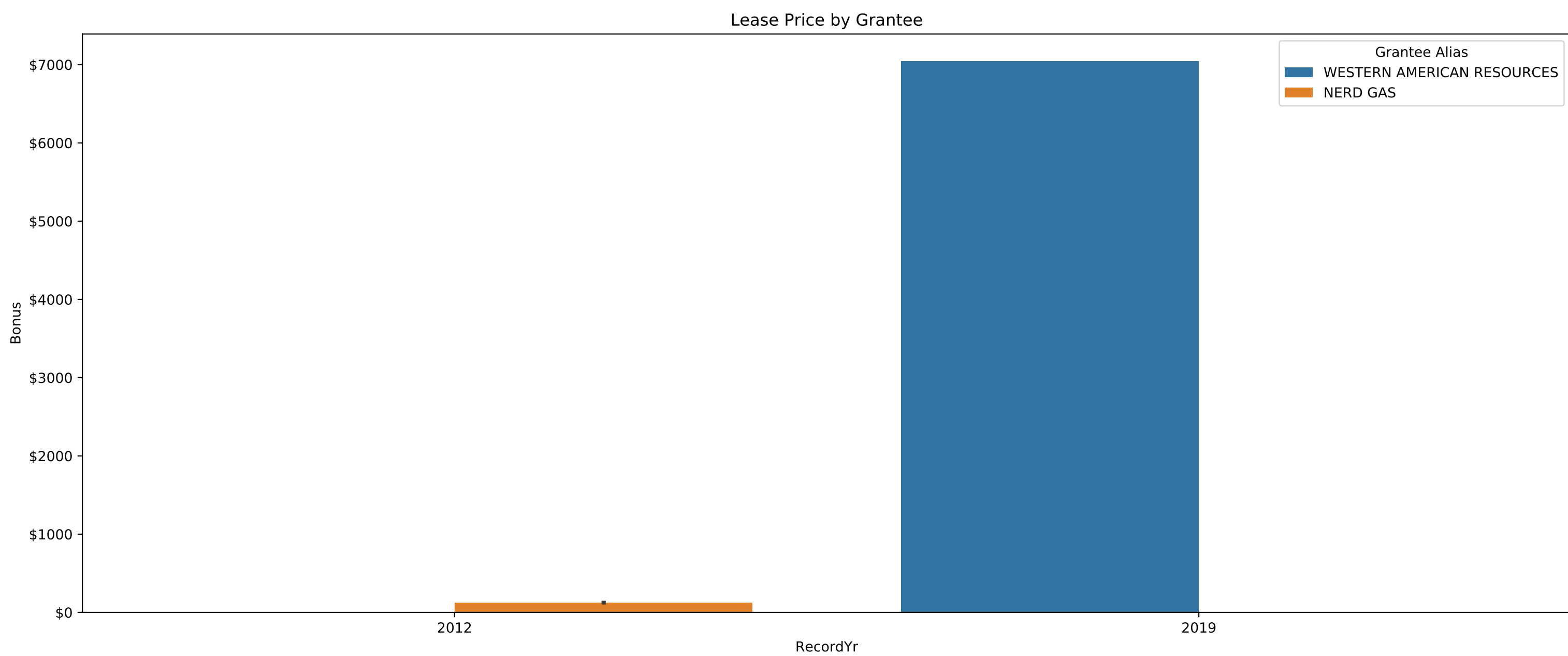
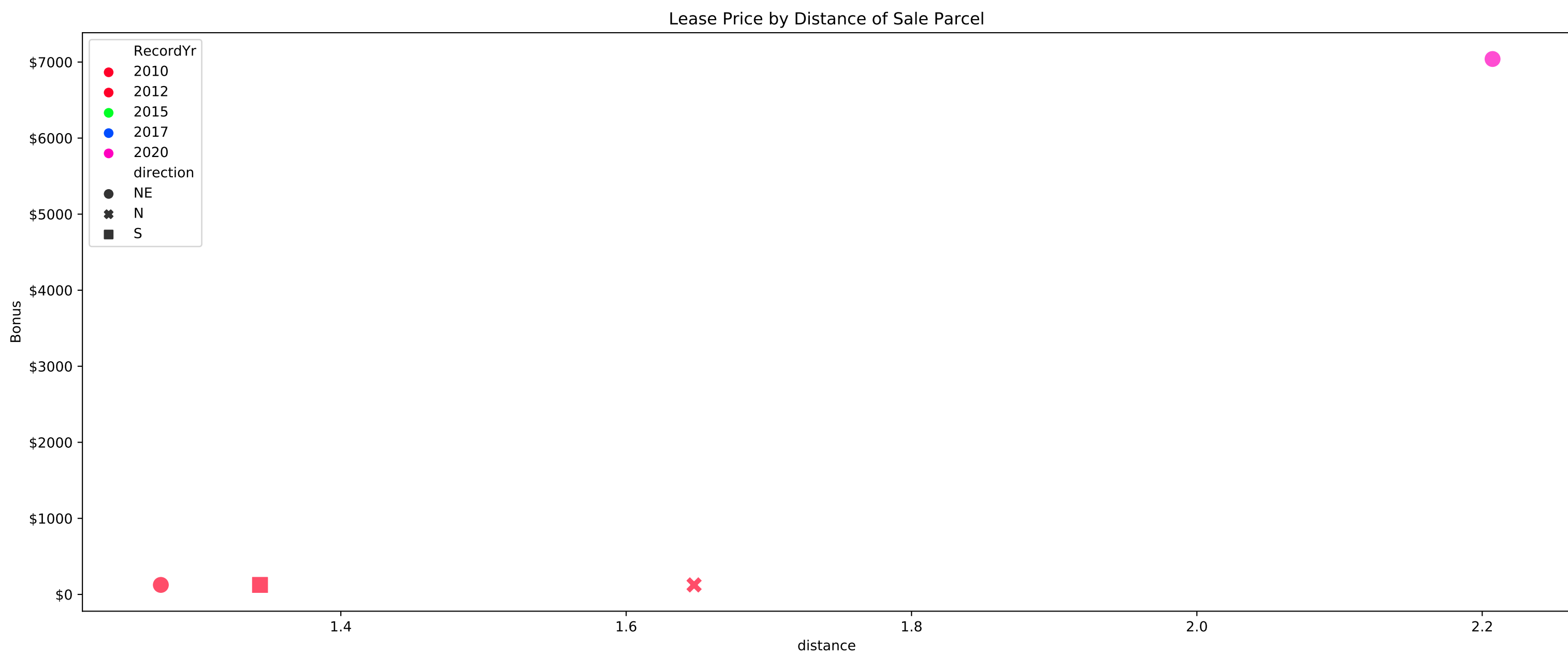
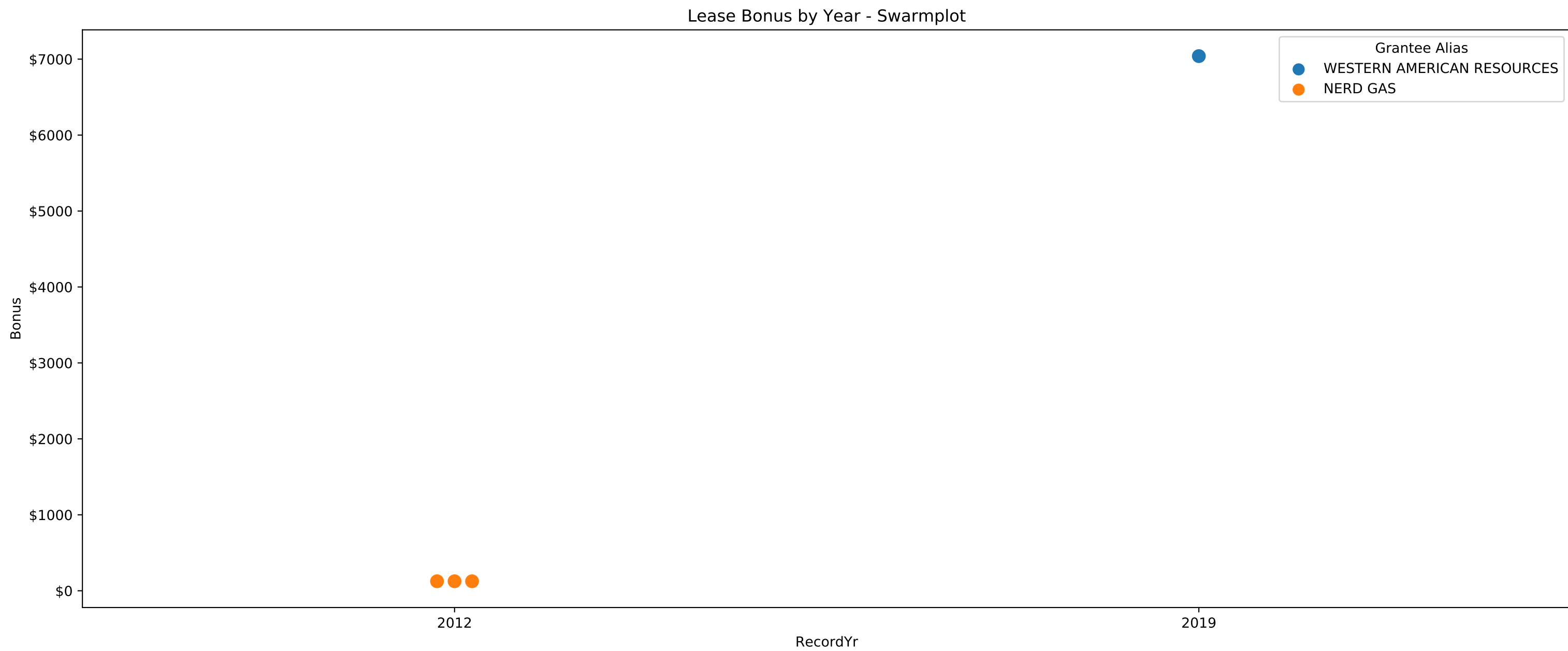
Lease Summary for tract 45
Total Number of Leases: 5
Average Price \$11/acre in 2020



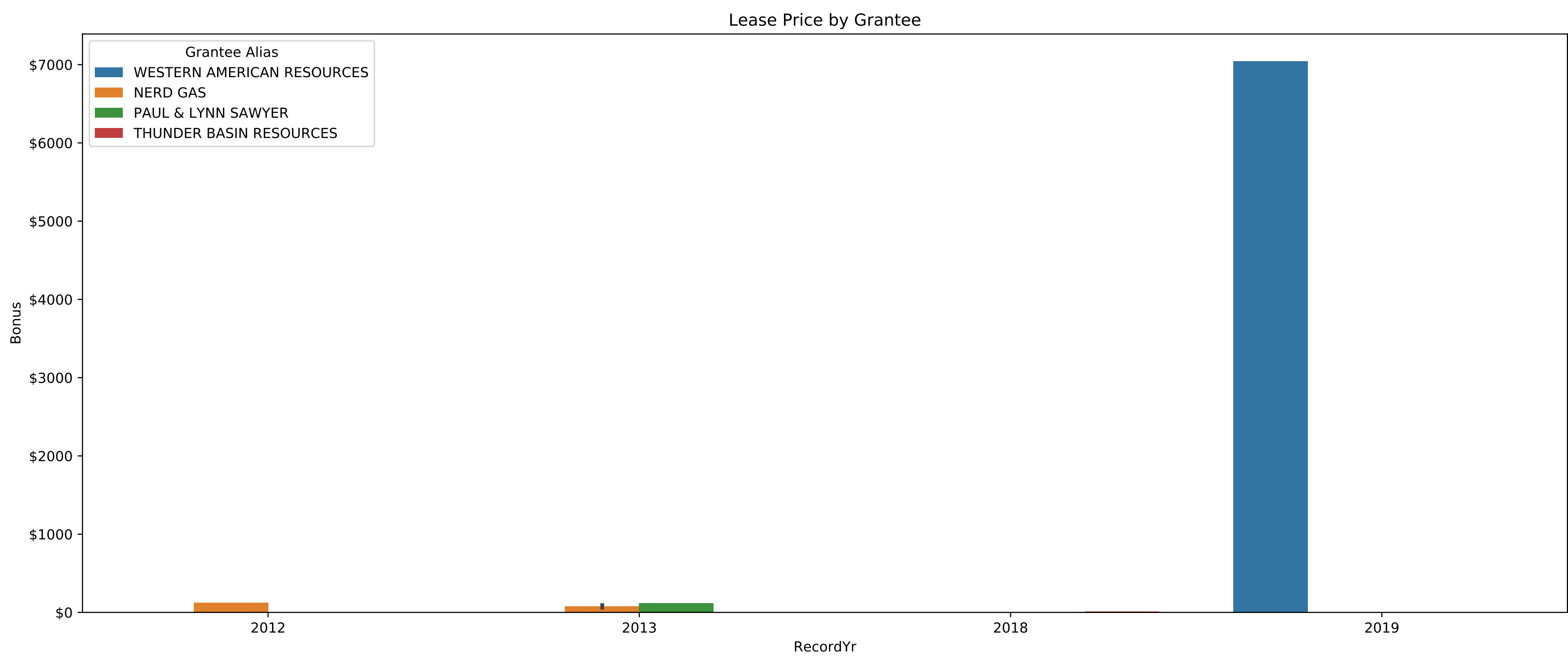
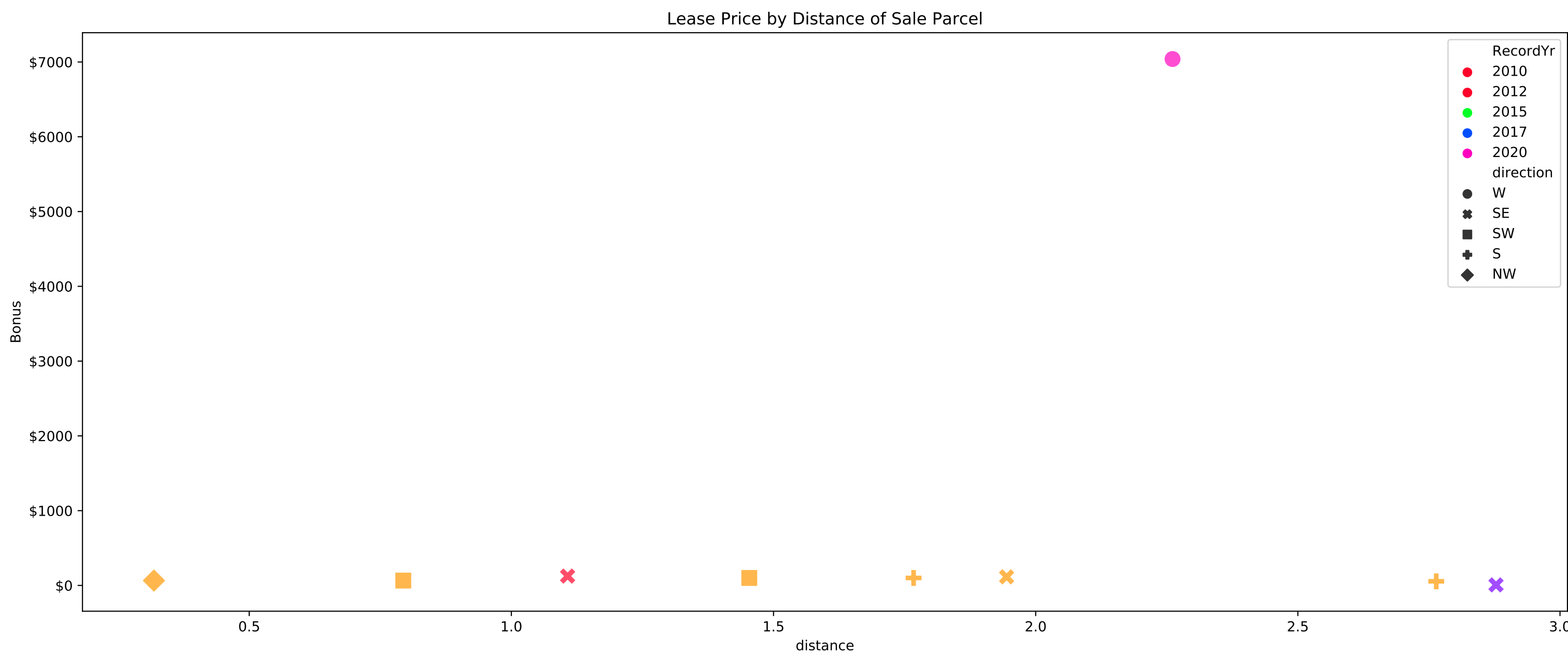
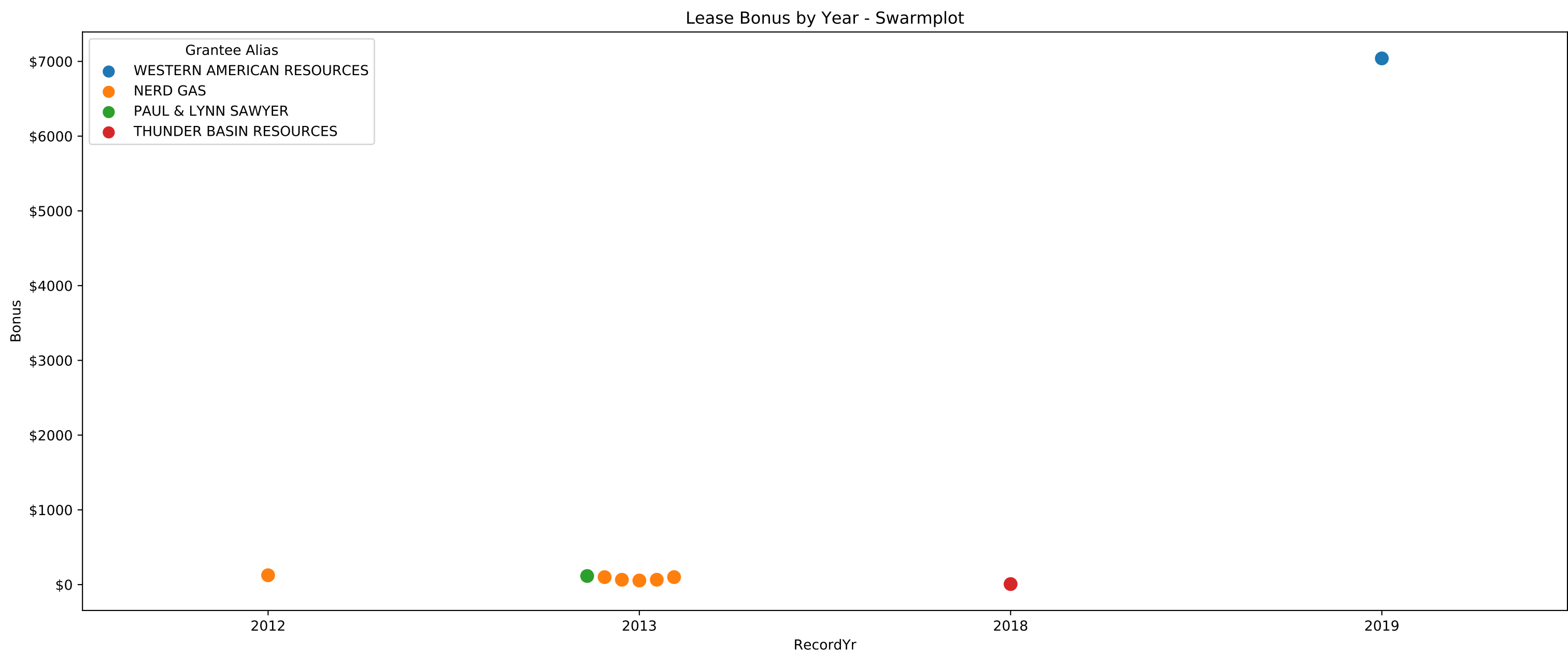
Lease Summary for tract 41
Total Number of Leases: 10
Average Price \$7040/acre in 2019



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



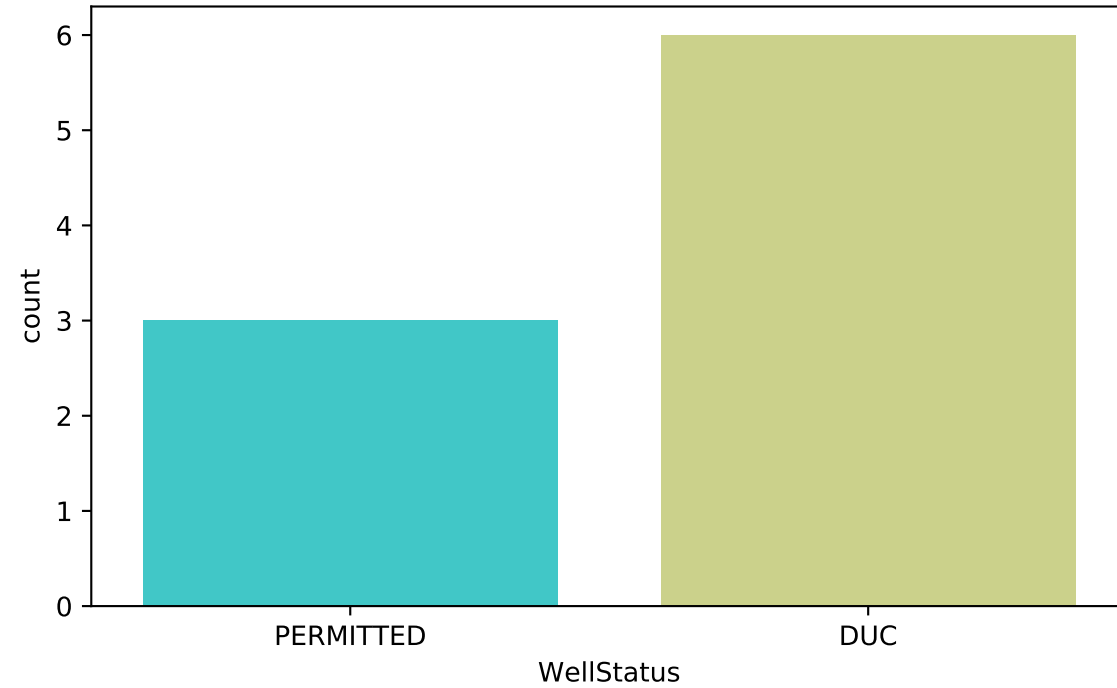
Lease Summary for tract 5
Total Number of Leases: 9
Average Price \$7040/acre in 2019



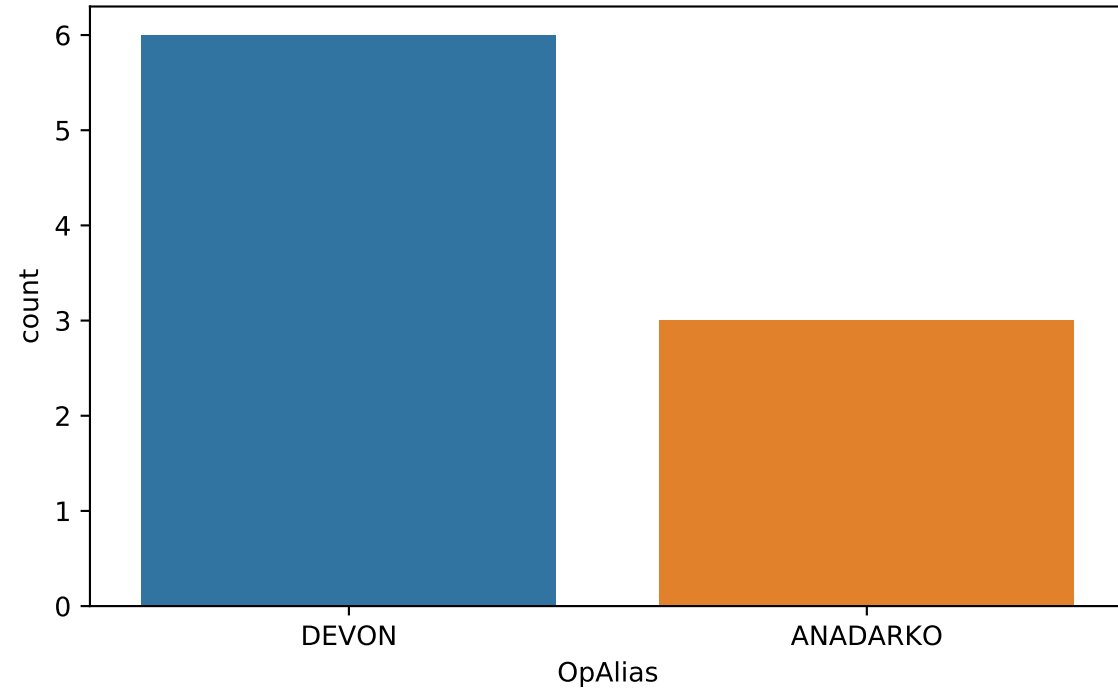
Permit Summary for Tract 26

Total permits: 9

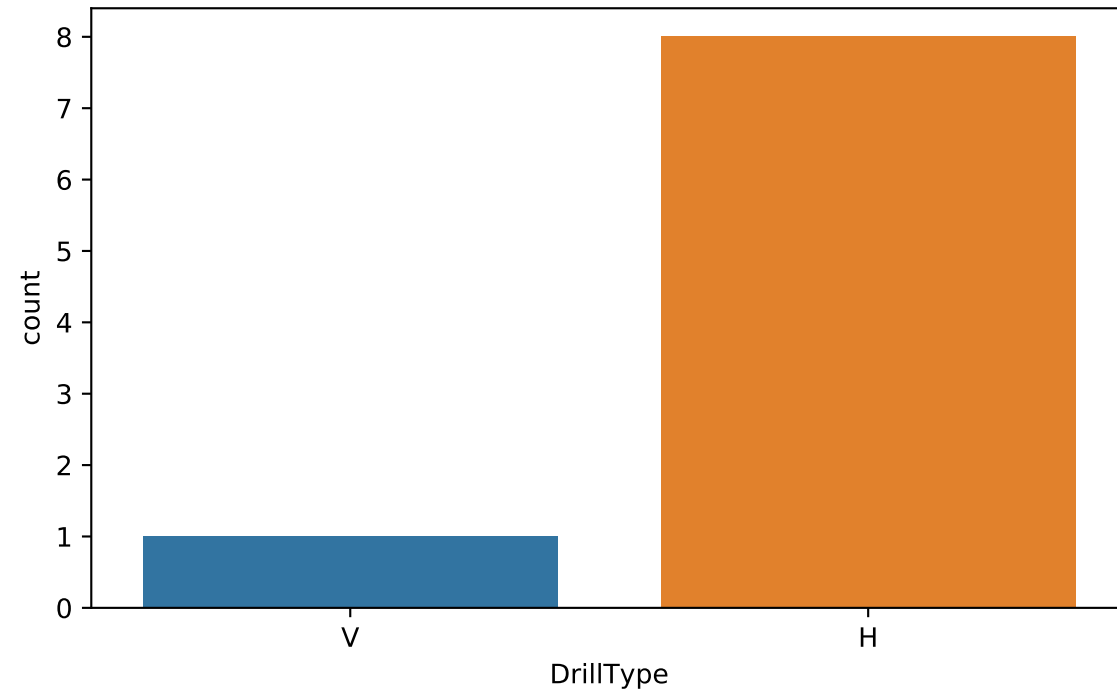
Permits by Well Status



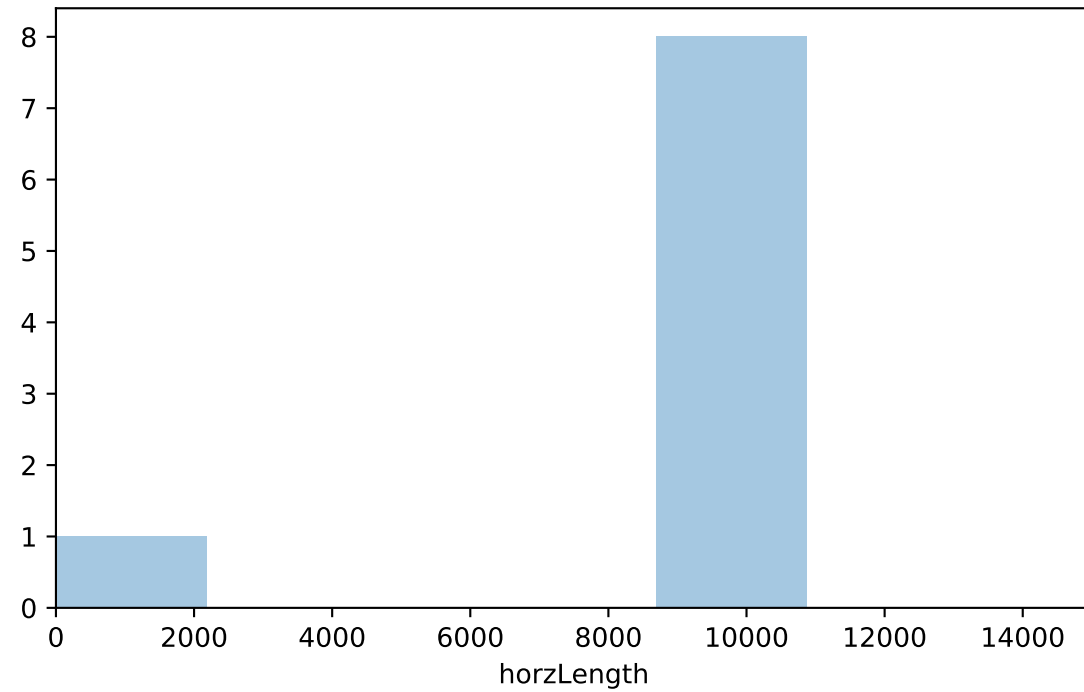
Permits by Operator



Permits by Well Type (H,D,V)



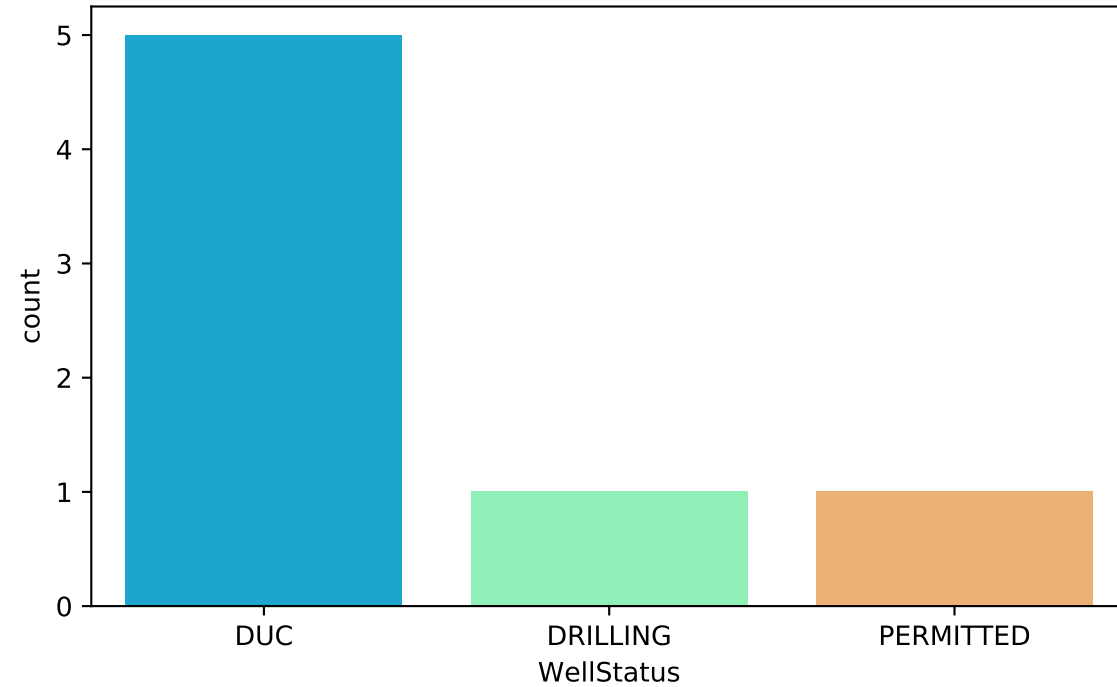
Permit Horizontal Lengths - Binned



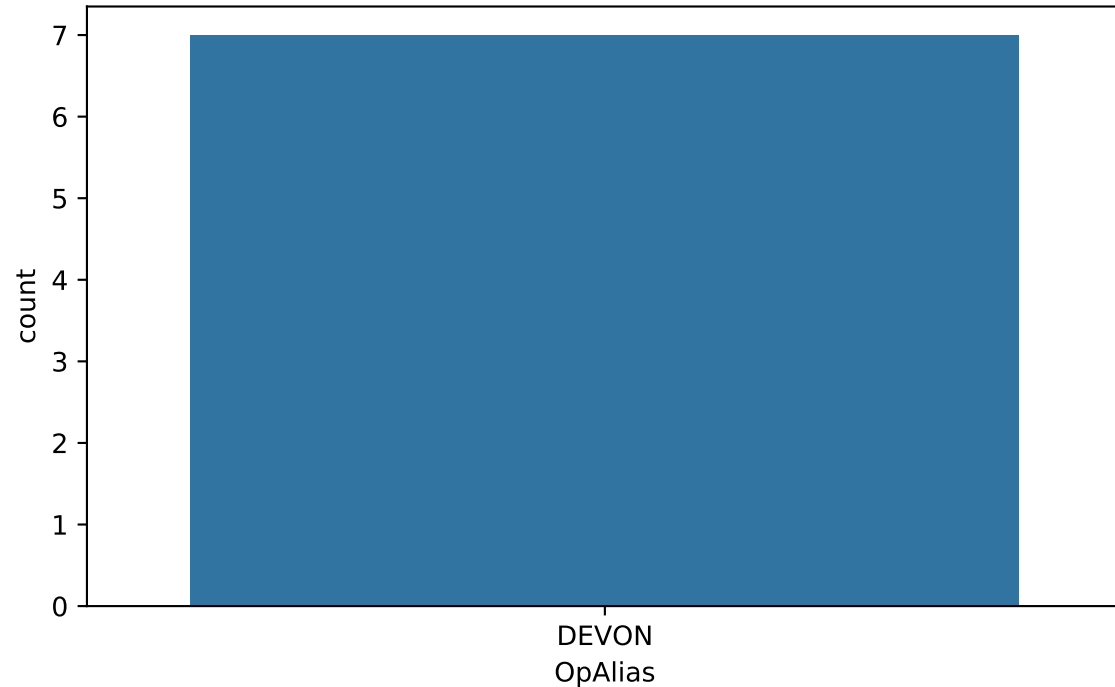
Permit Summary for Tract 119

Total permits: 7

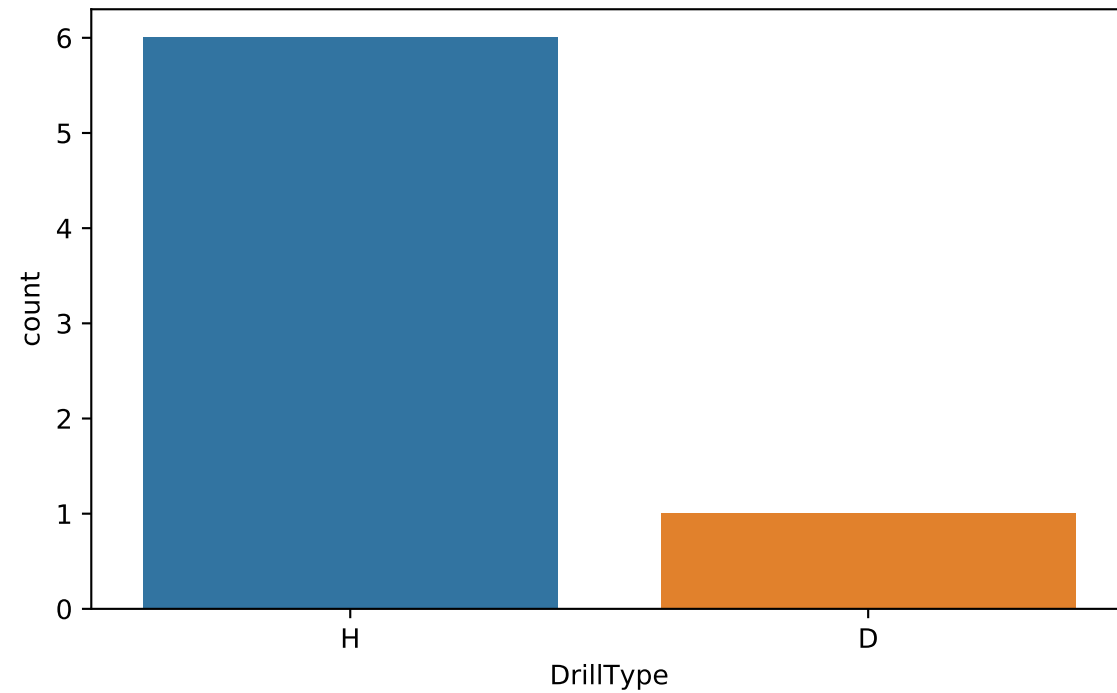
Permits by Well Status



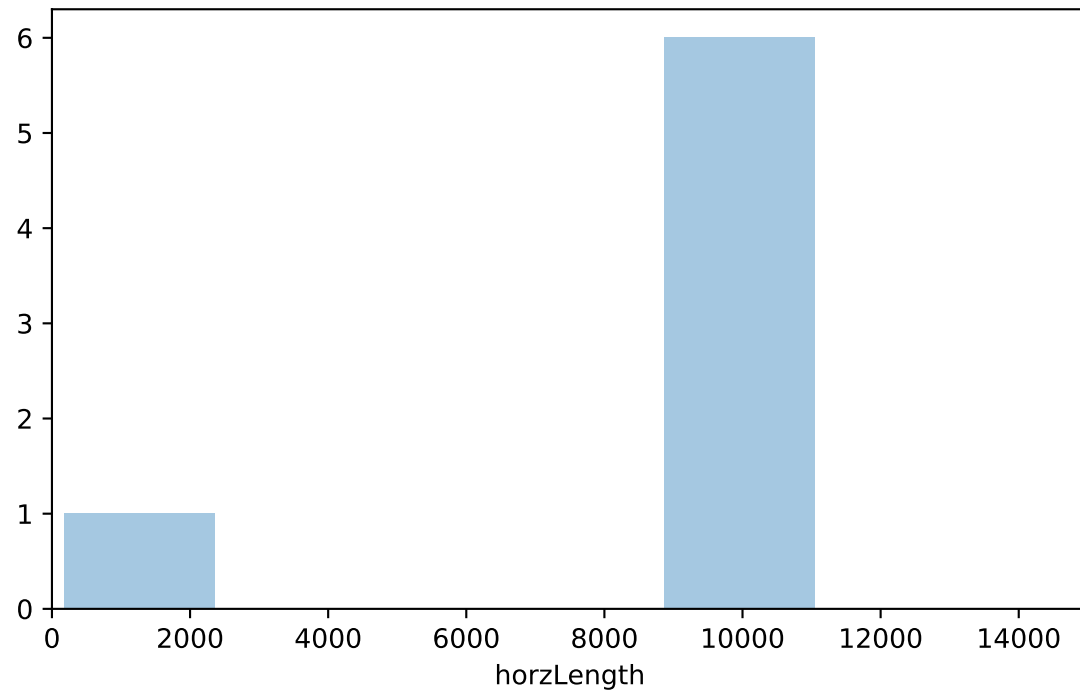
Permits by Operator



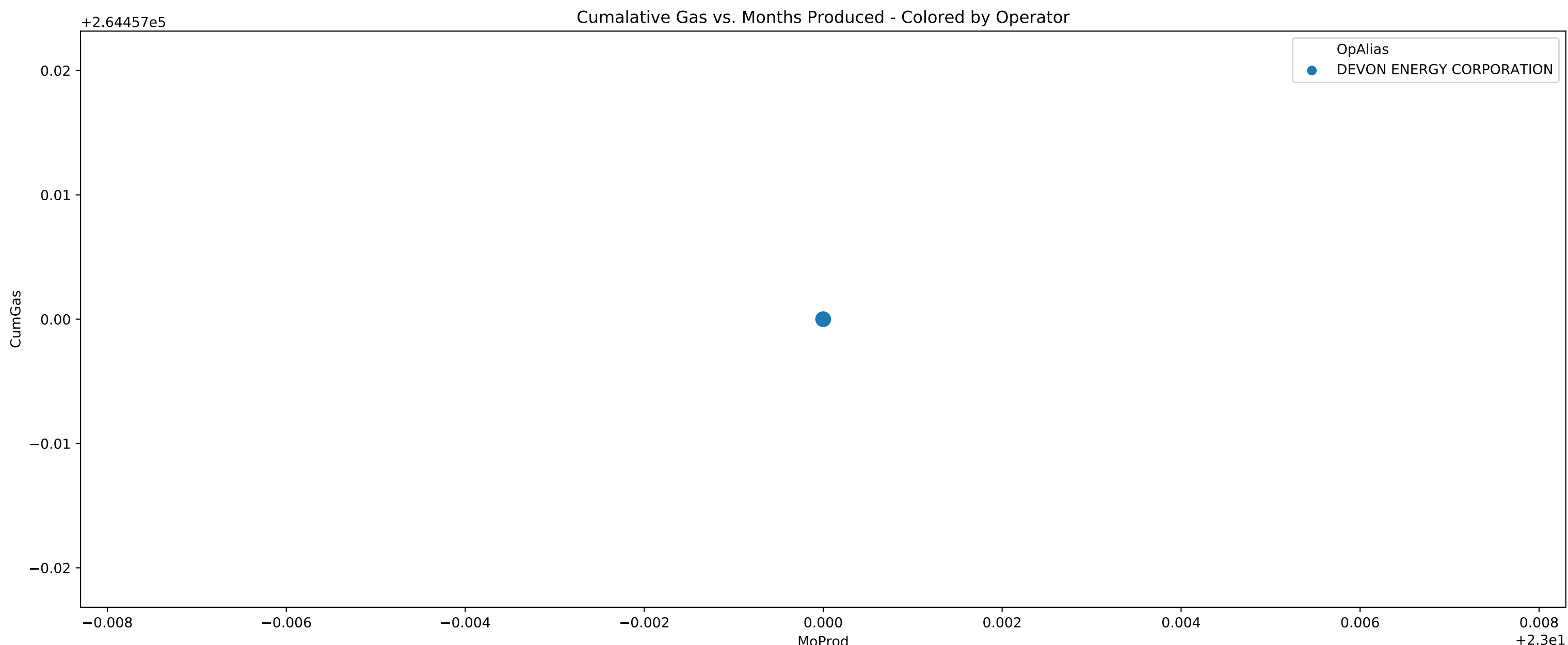
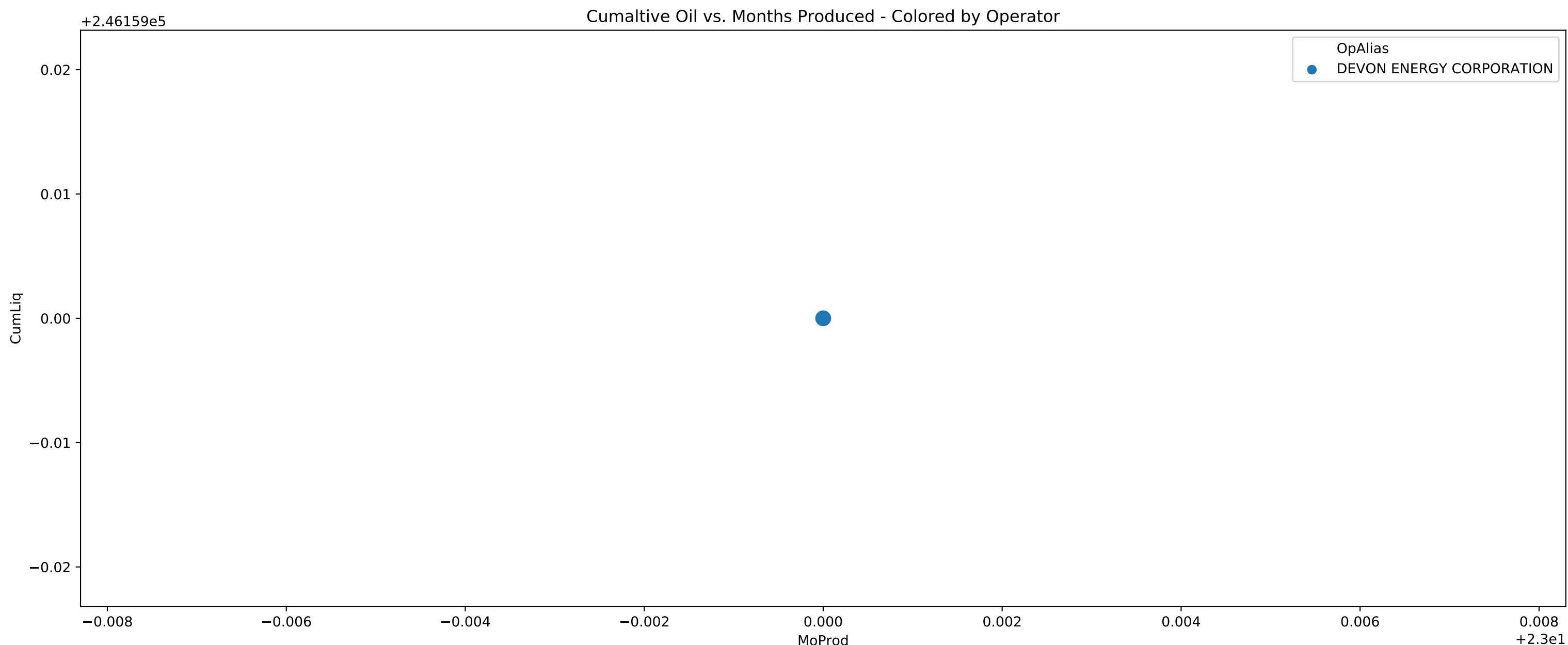
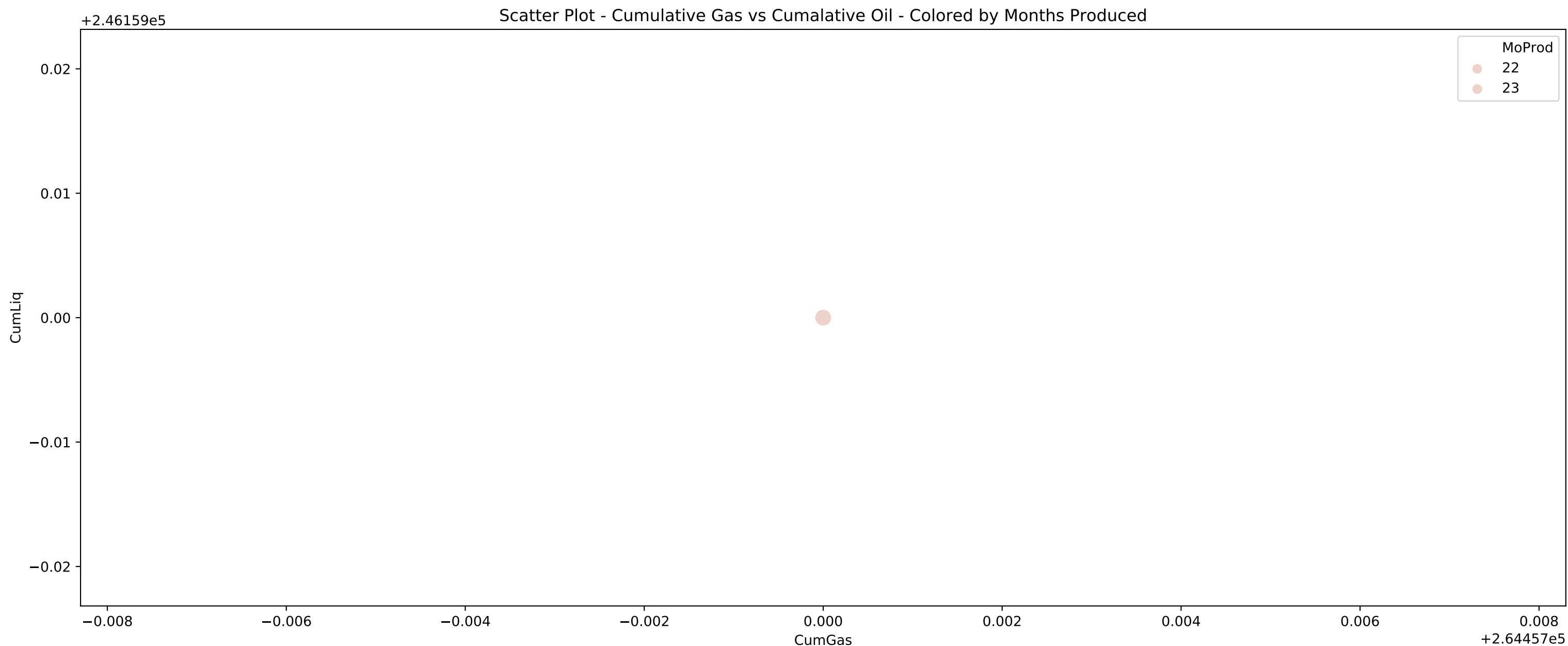
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



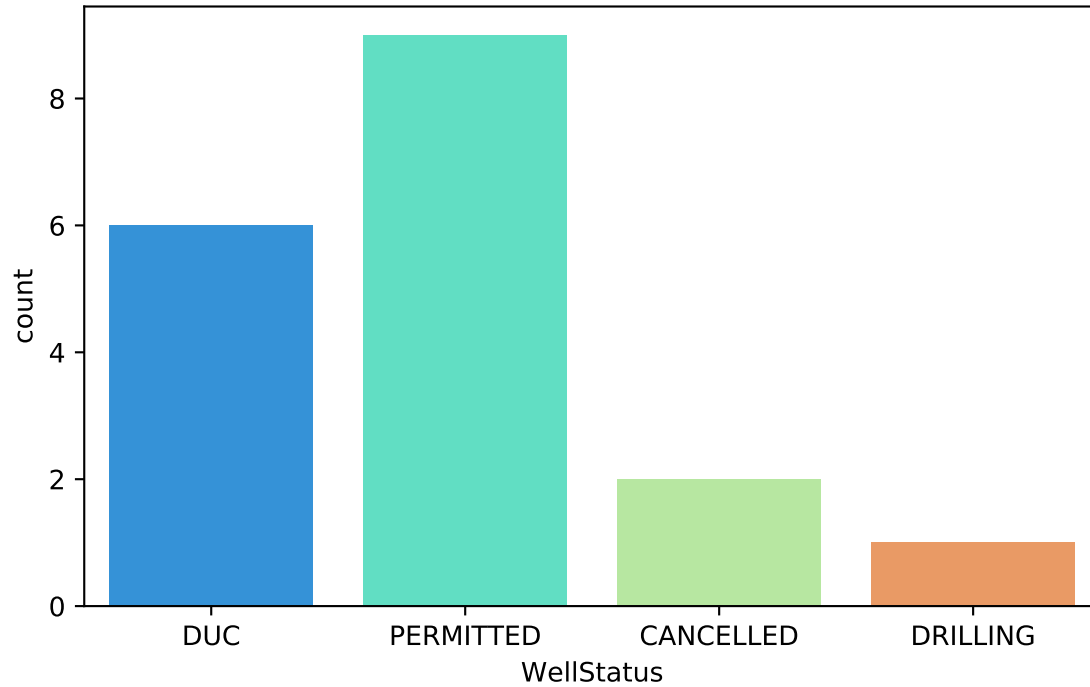
Production Dashboard for tract 119



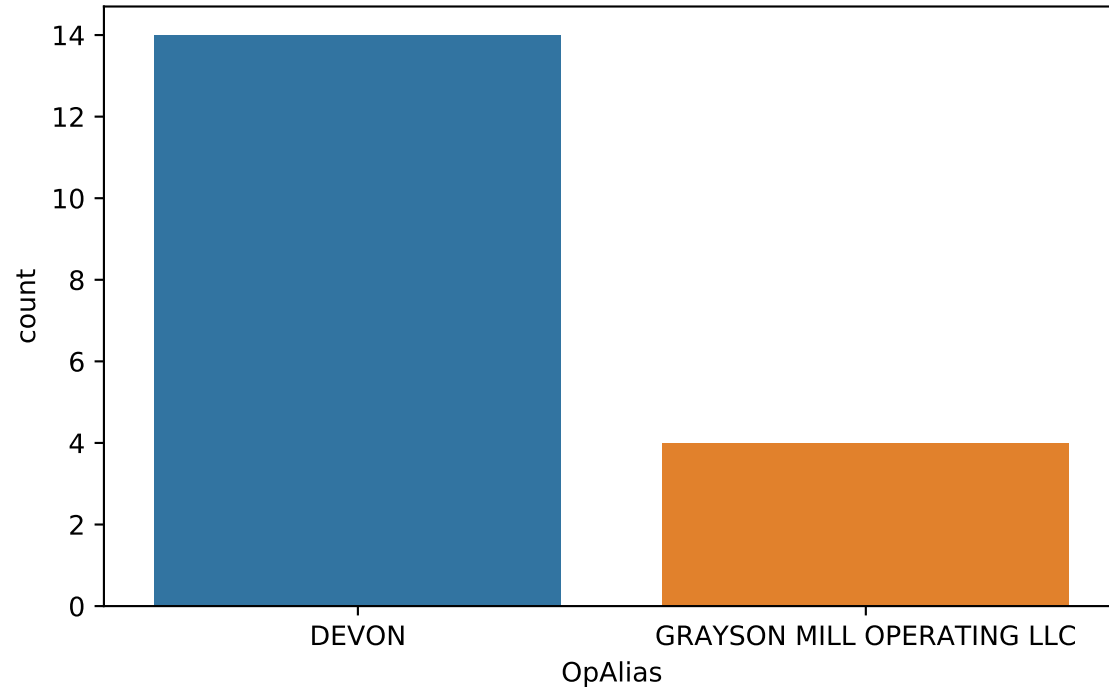
Permit Summary for Tract 17

Total permits: 18

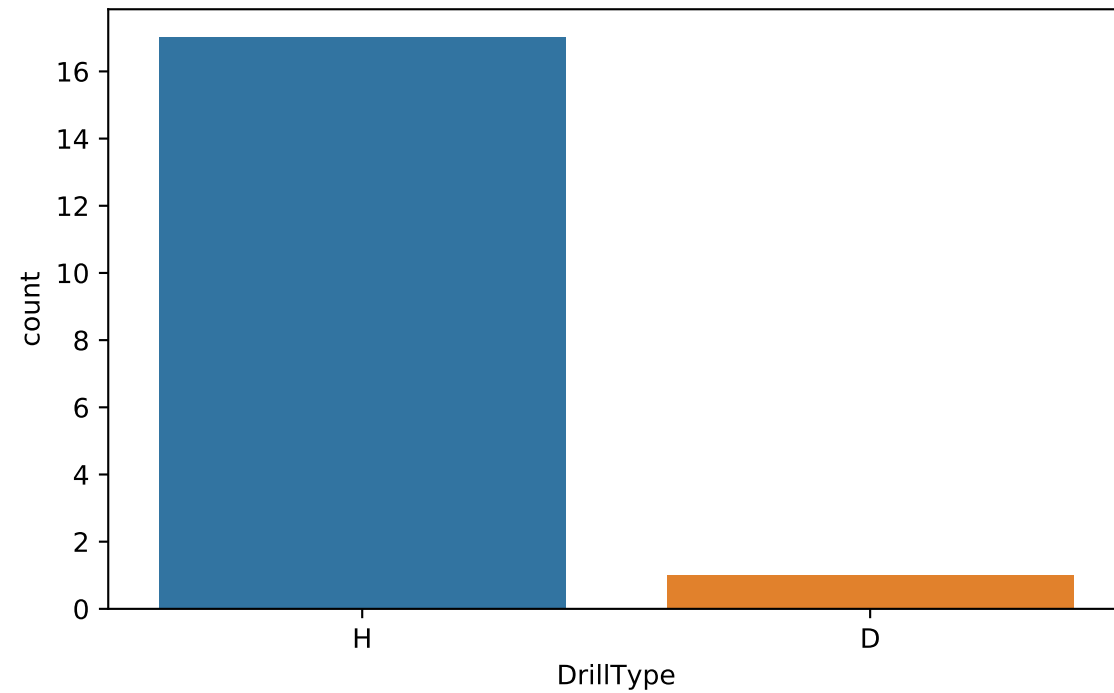
Permits by Well Status



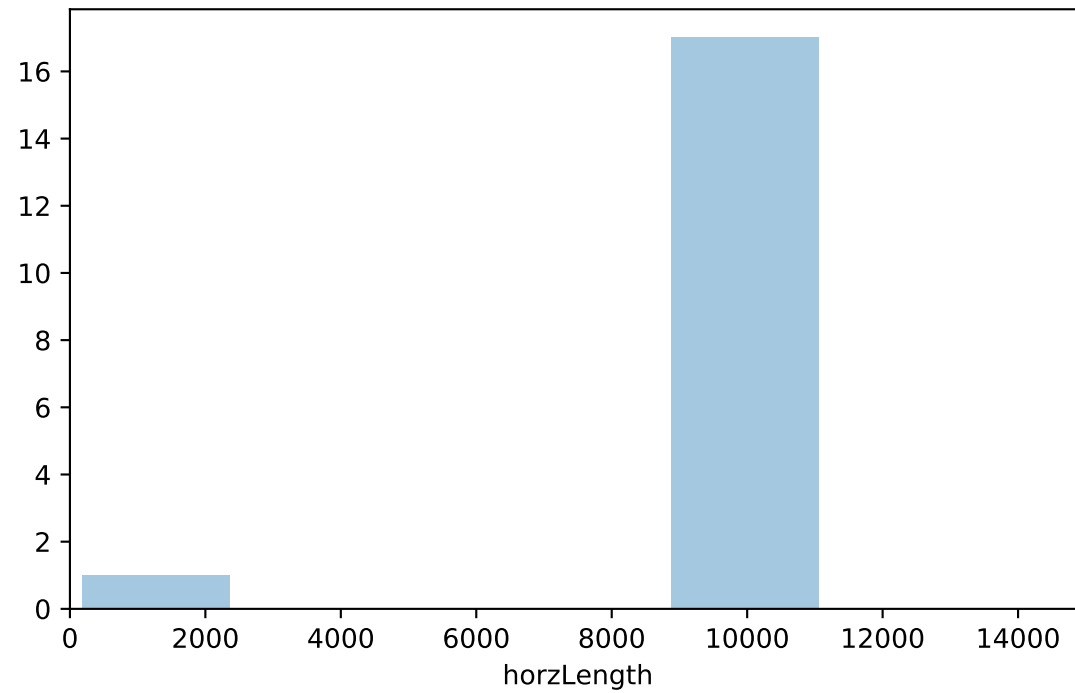
Permits by Operator



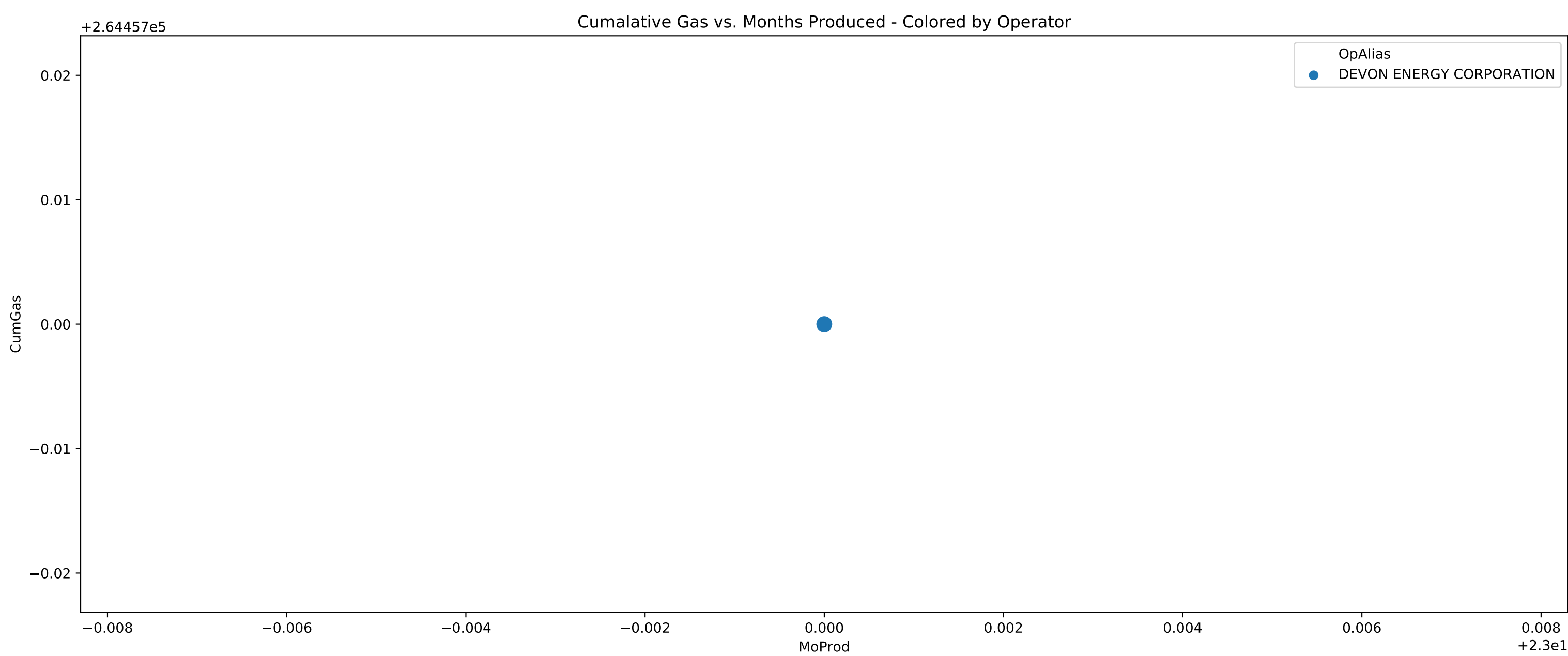
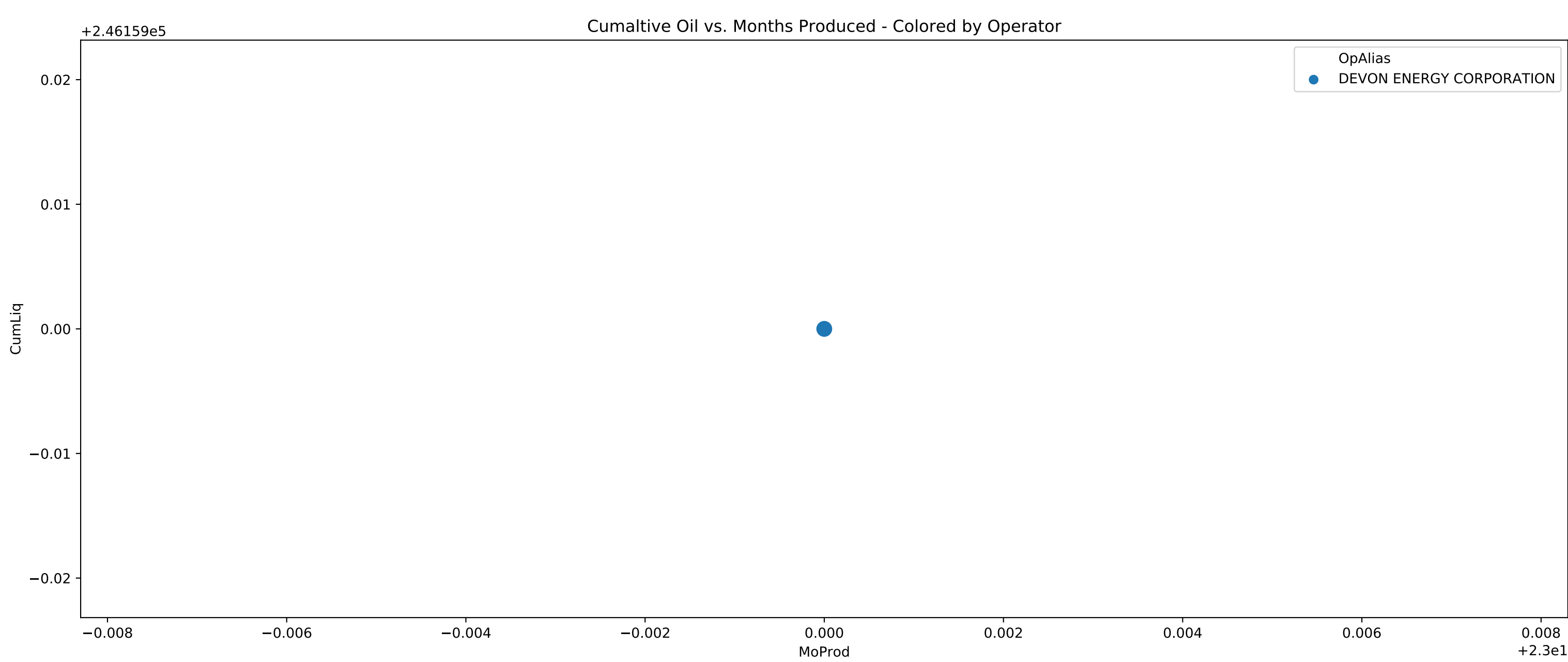
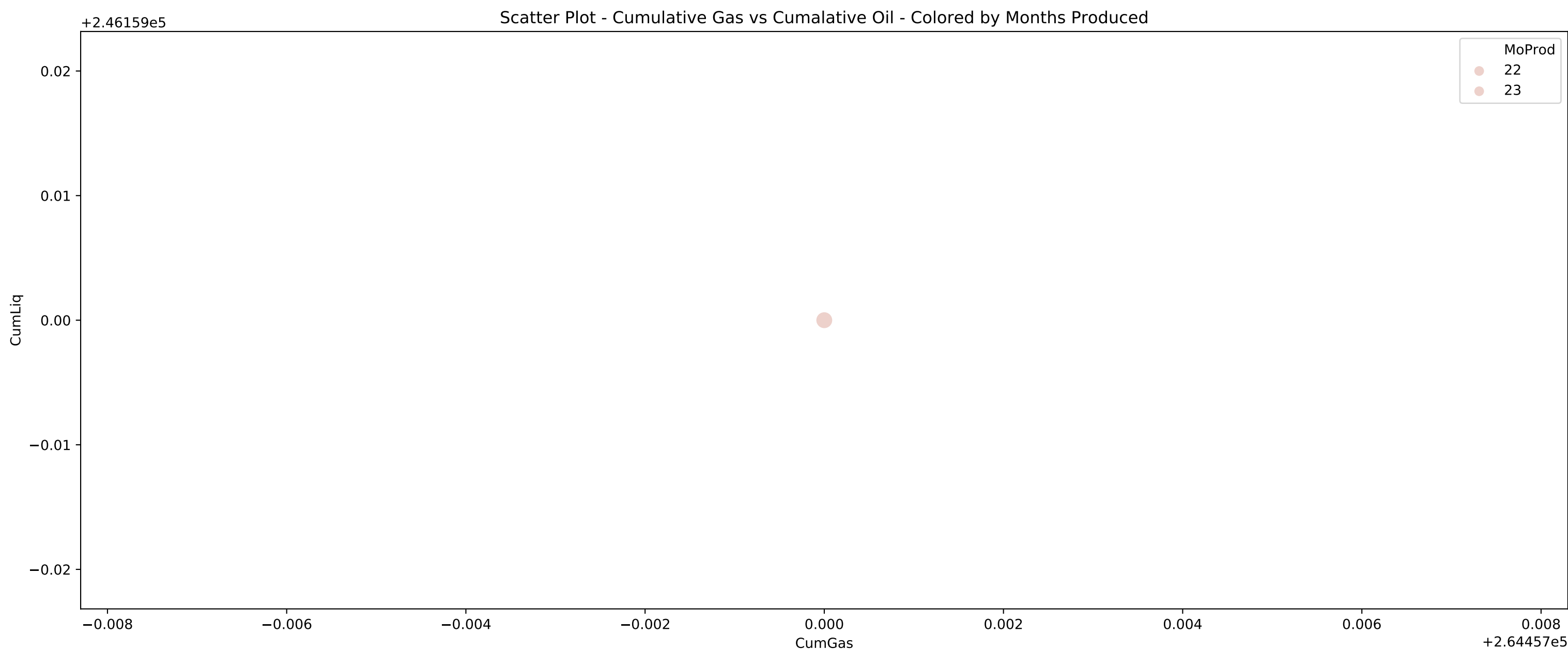
Permits by Well Type (H,D,V)



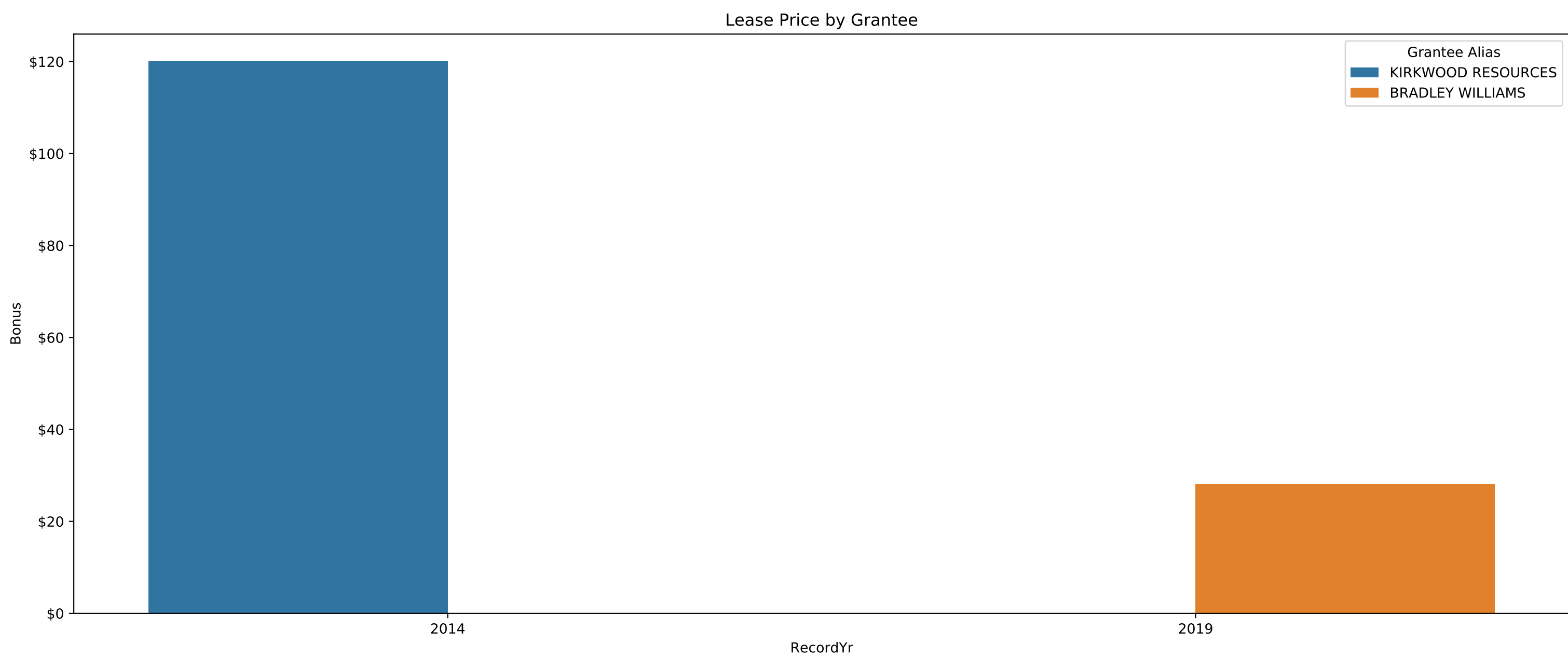
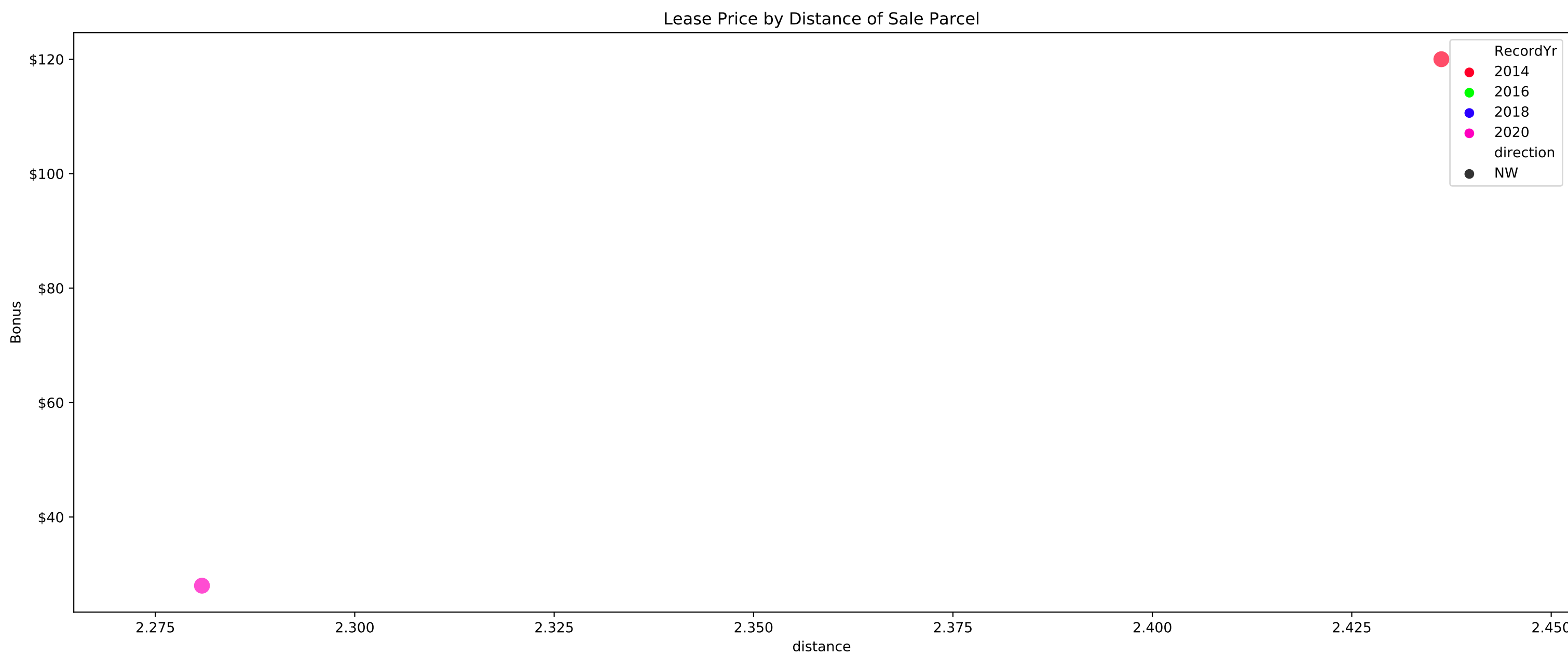
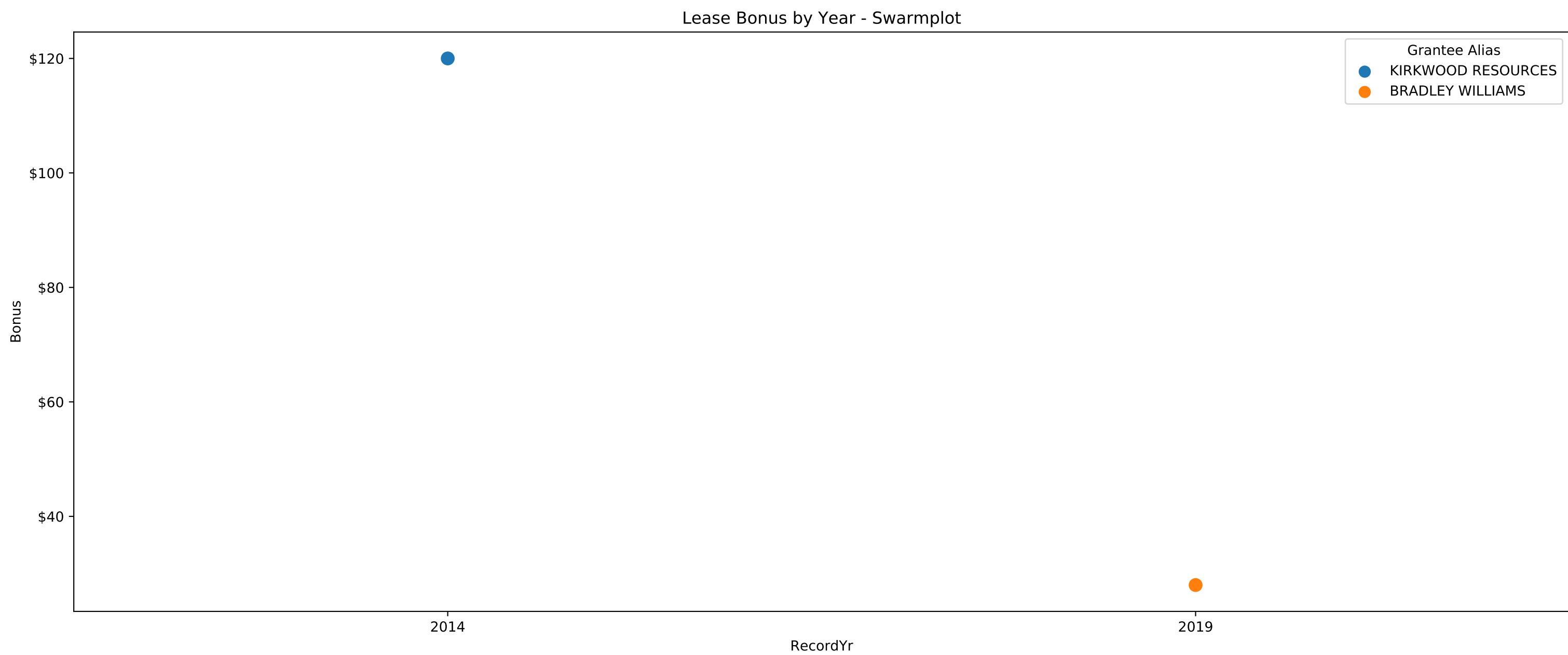
Permit Horizontal Lengths - Binned



Production Dashboard for tract 17



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



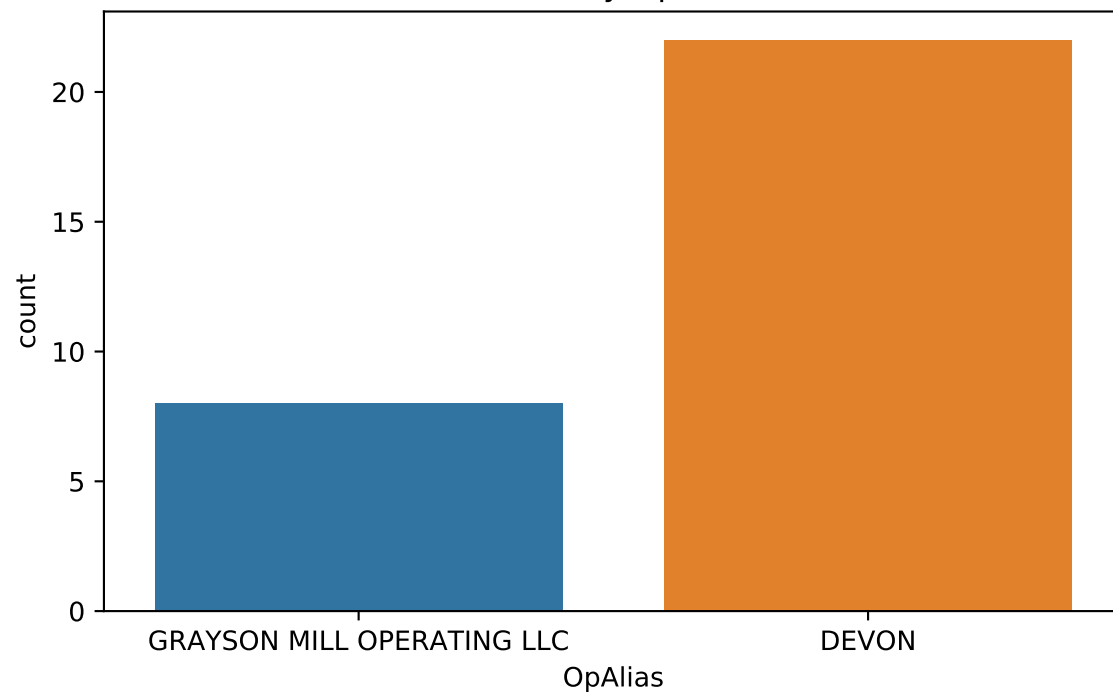
Permit Summary for Tract 121

Total permits: 30

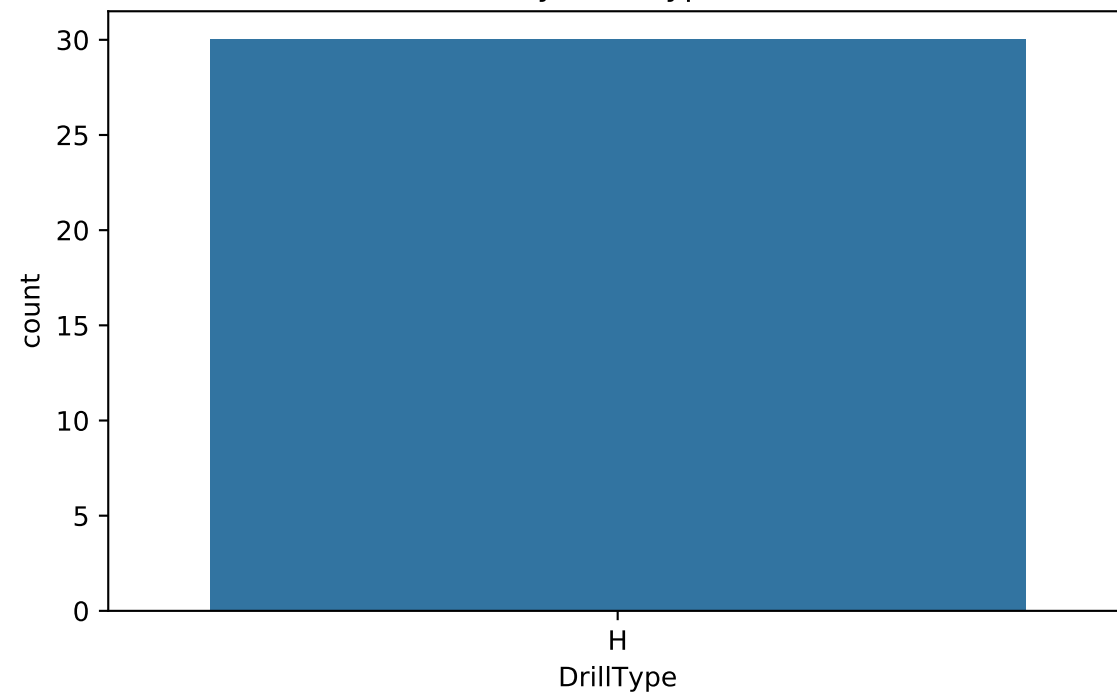
Permits by Well Status



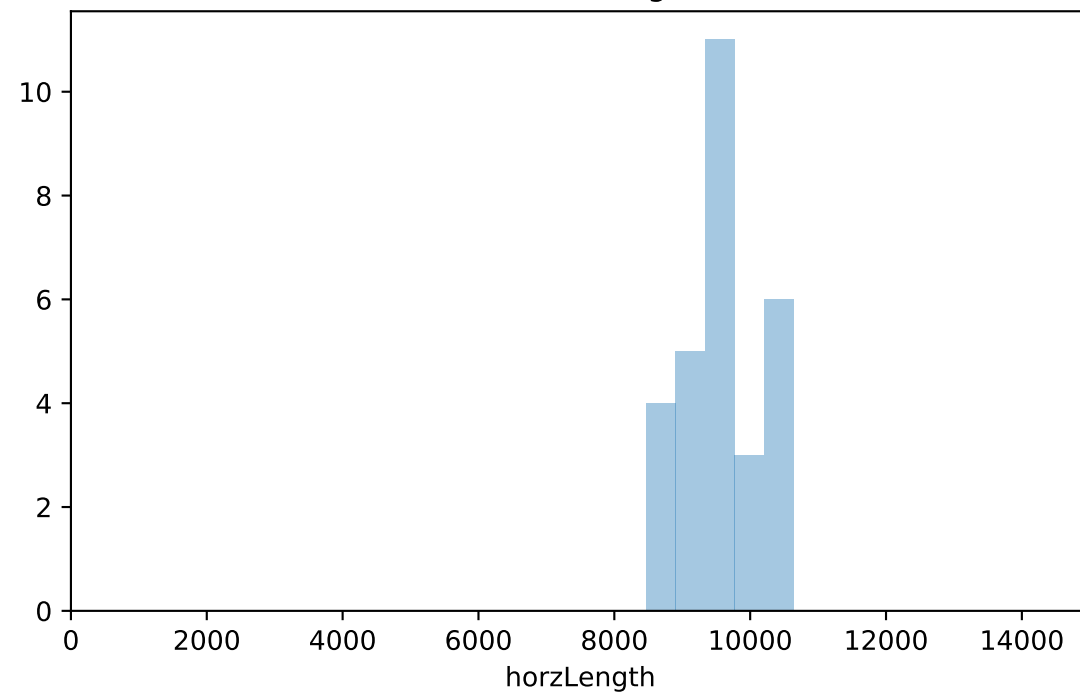
Permits by Operator



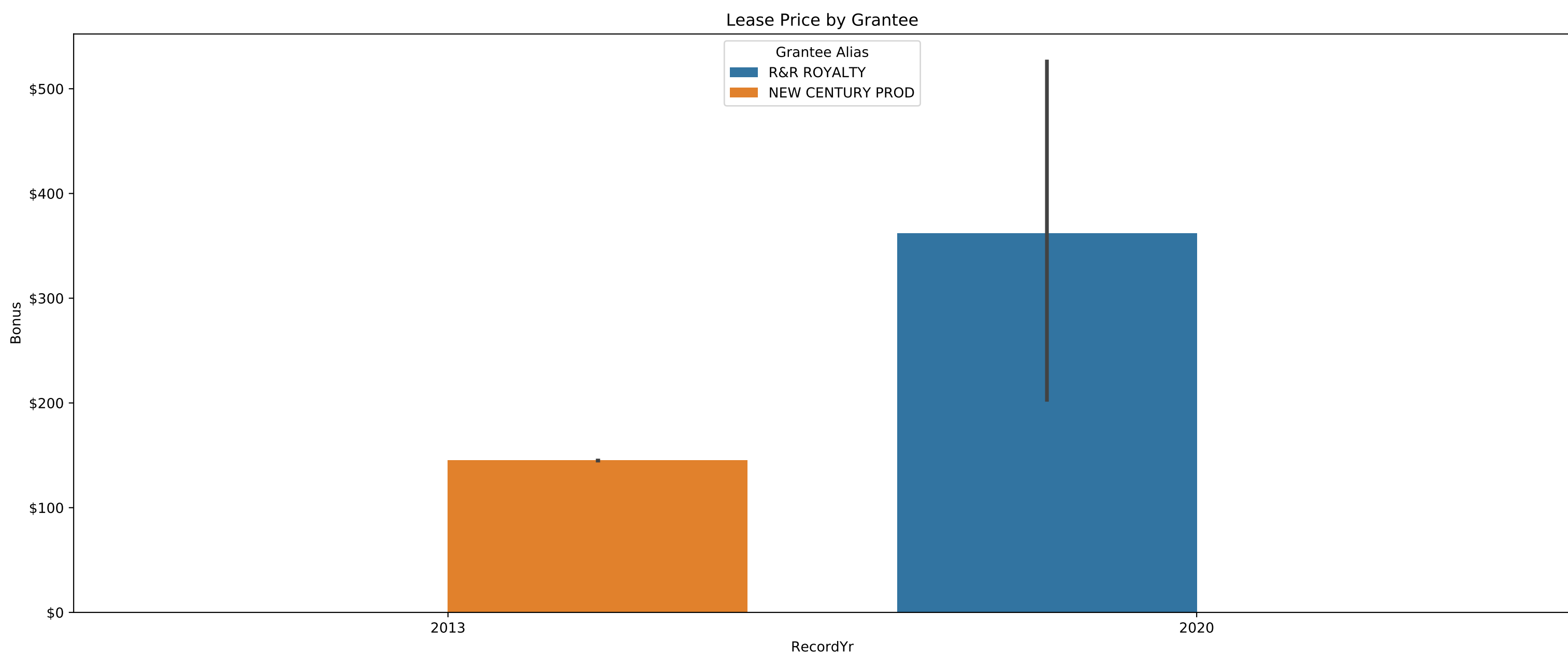
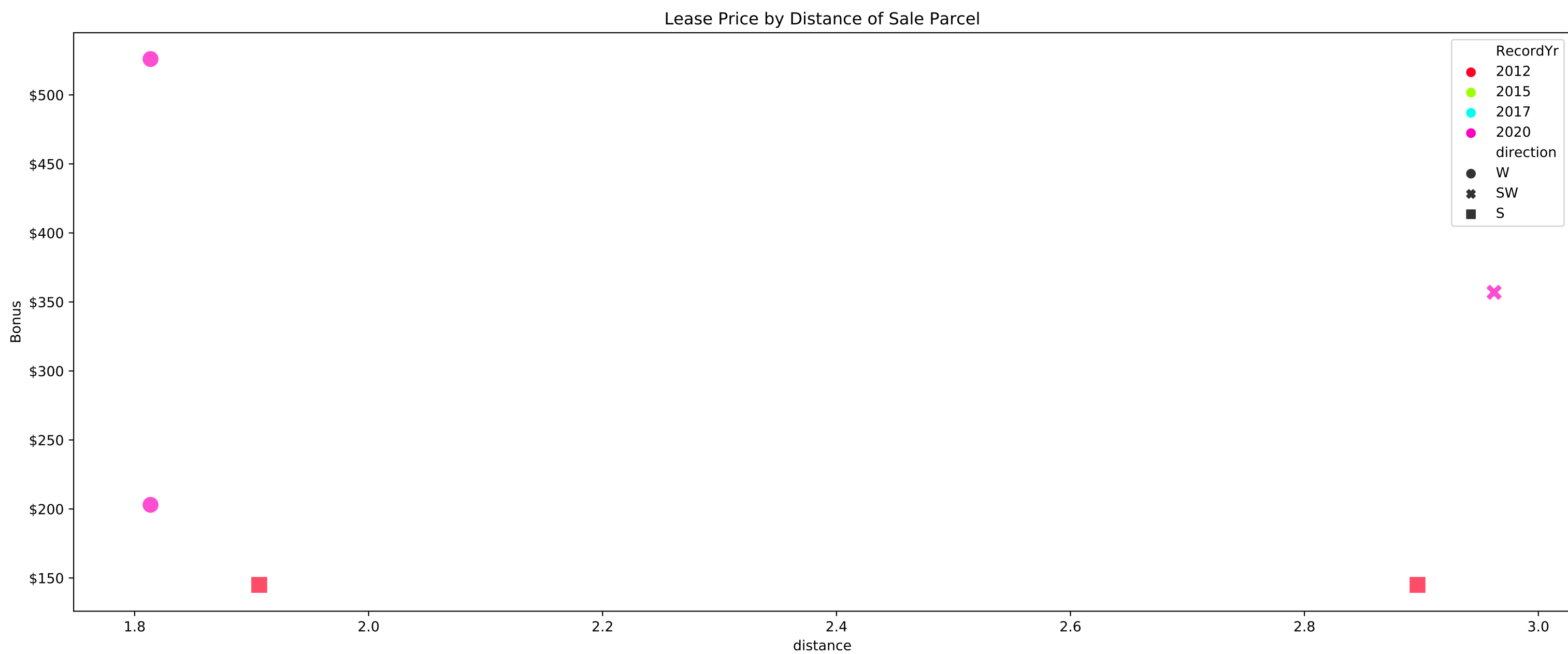
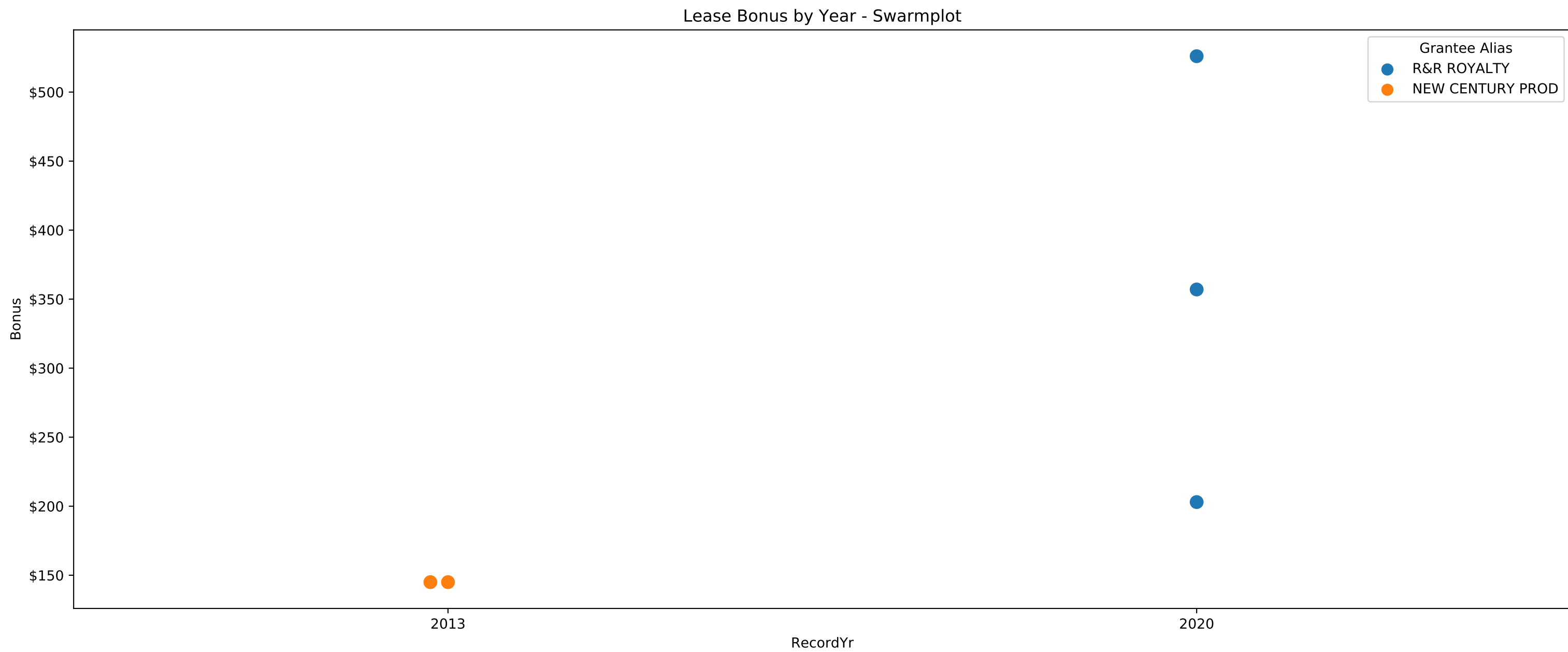
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



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



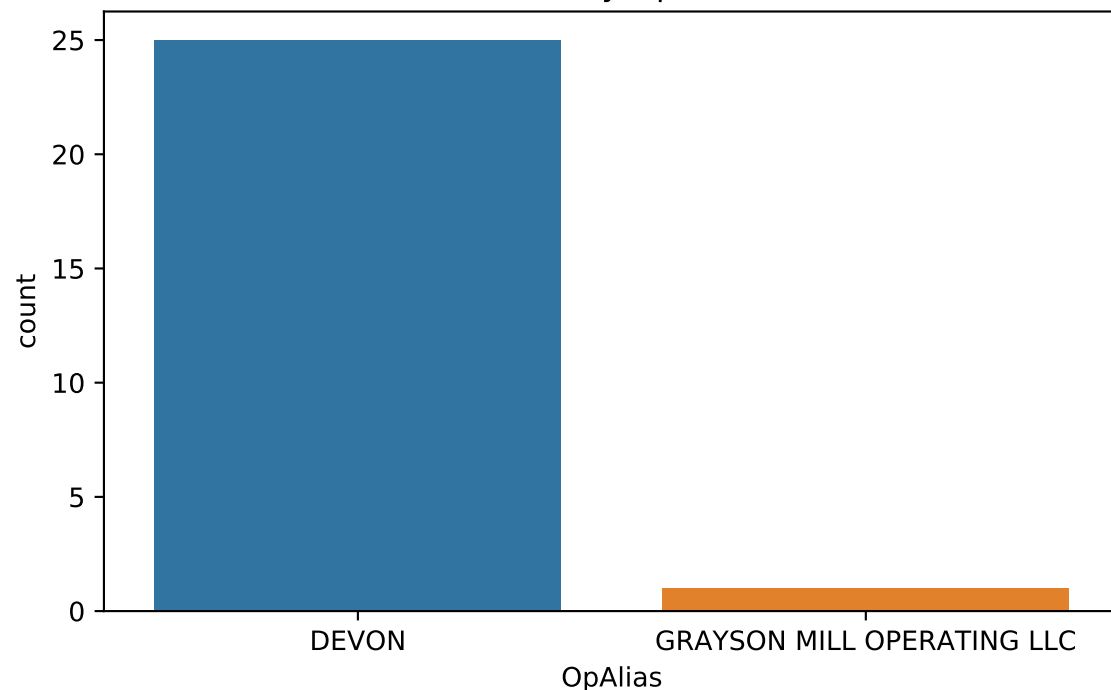
Permit Summary for Tract 120

Total permits: 26

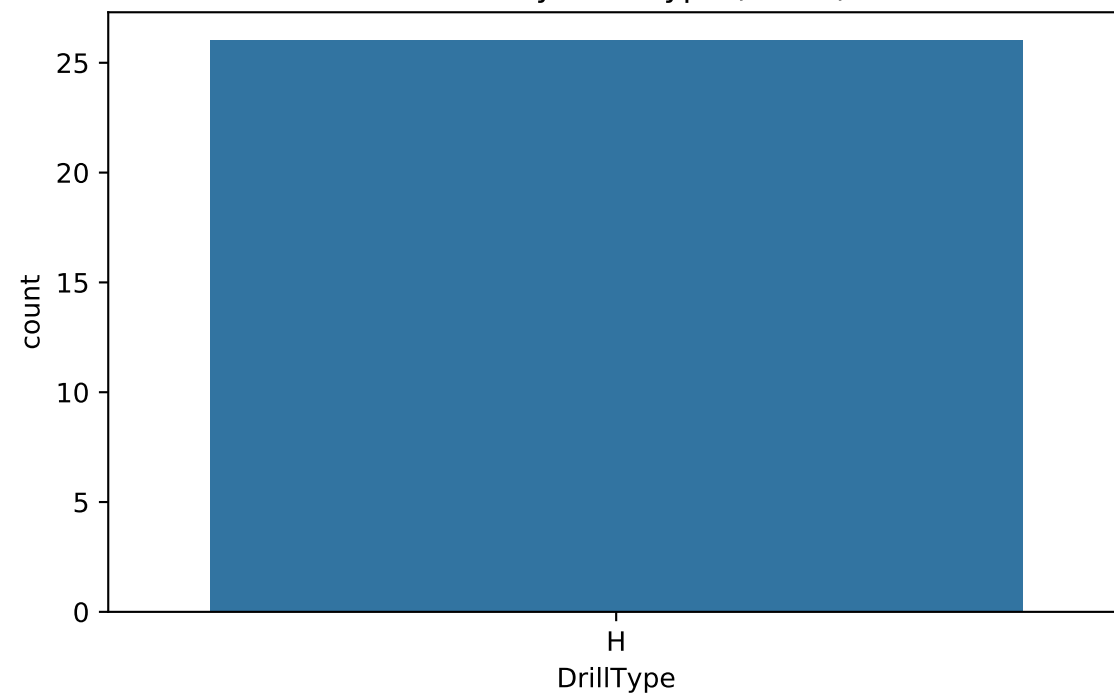
Permits by Well Status



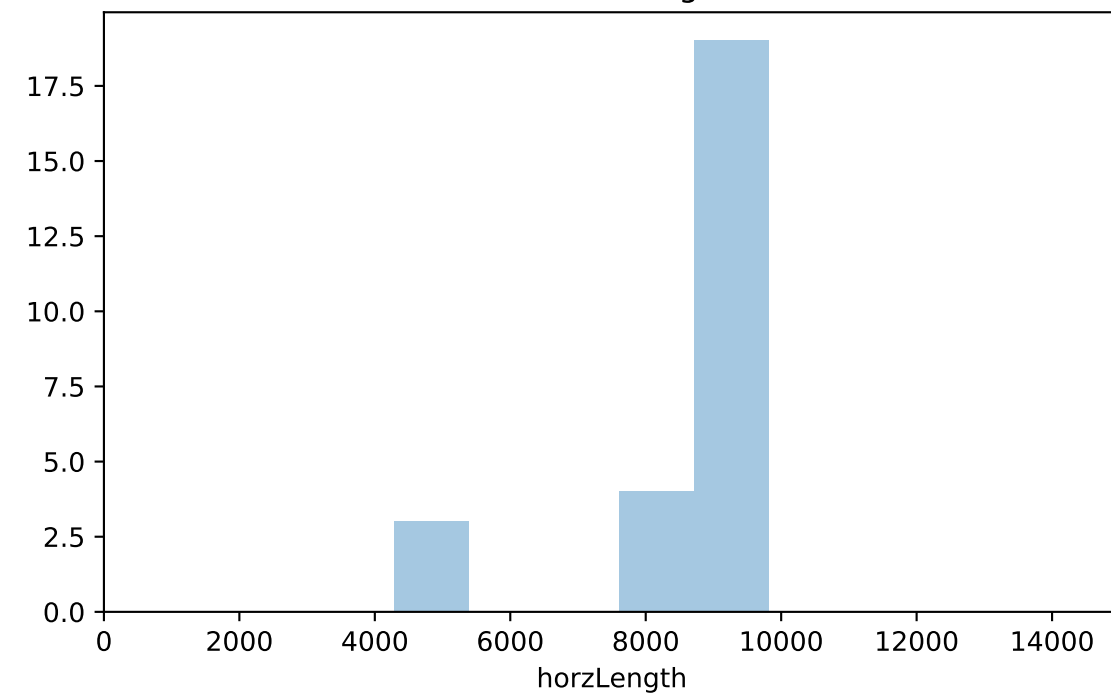
Permits by Operator



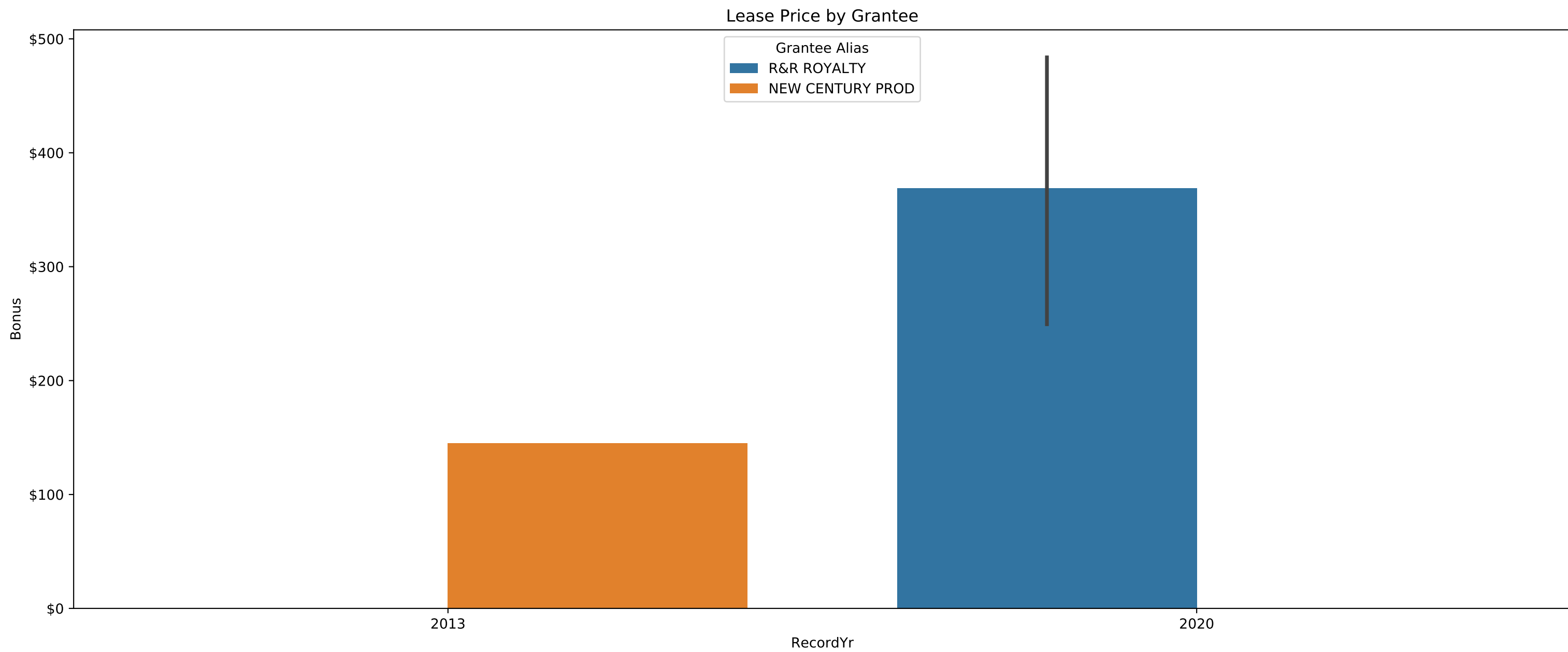
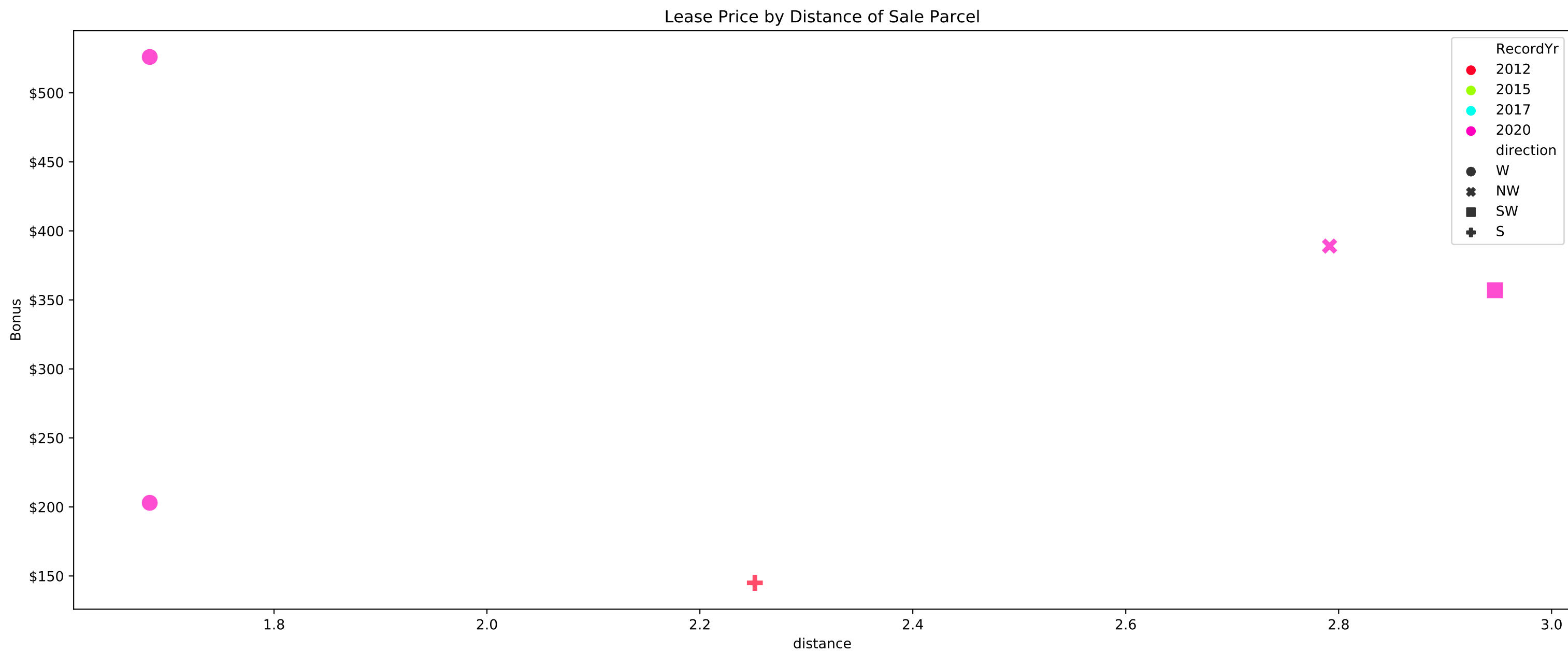
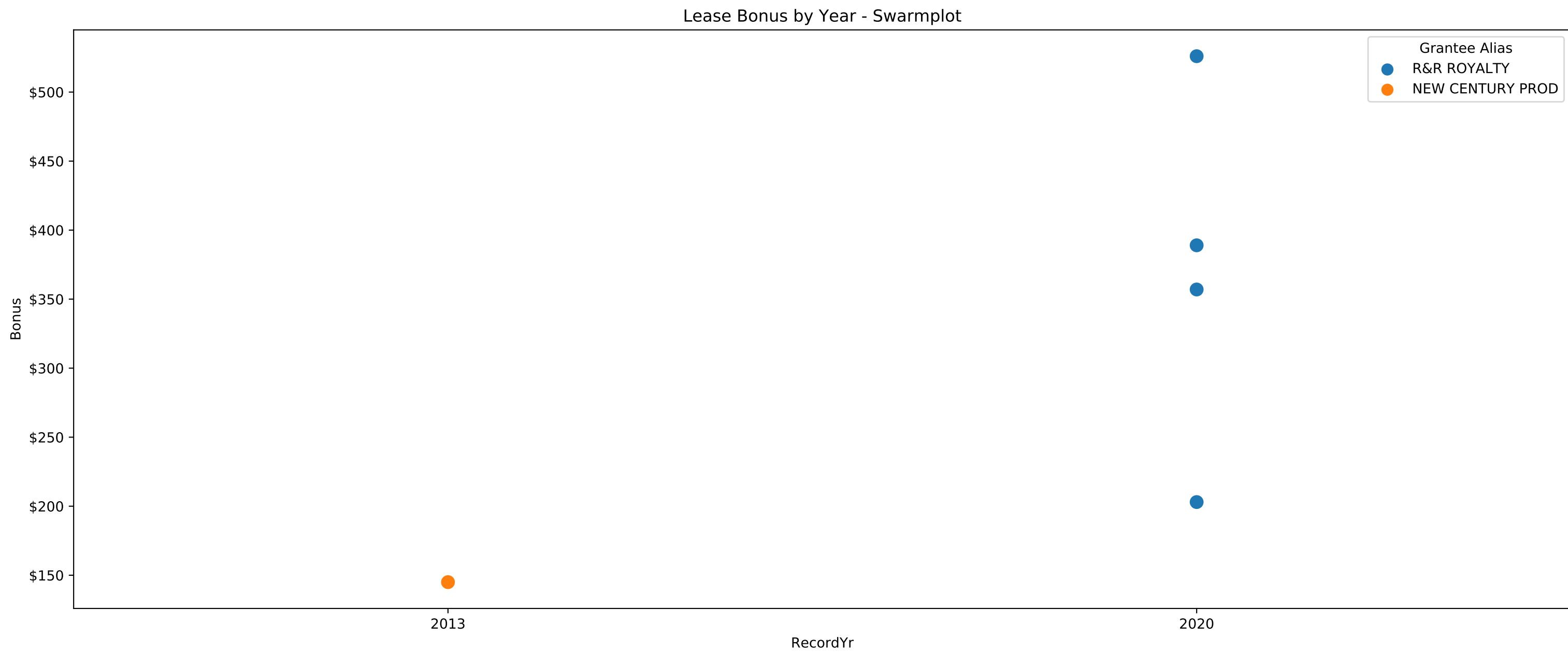
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



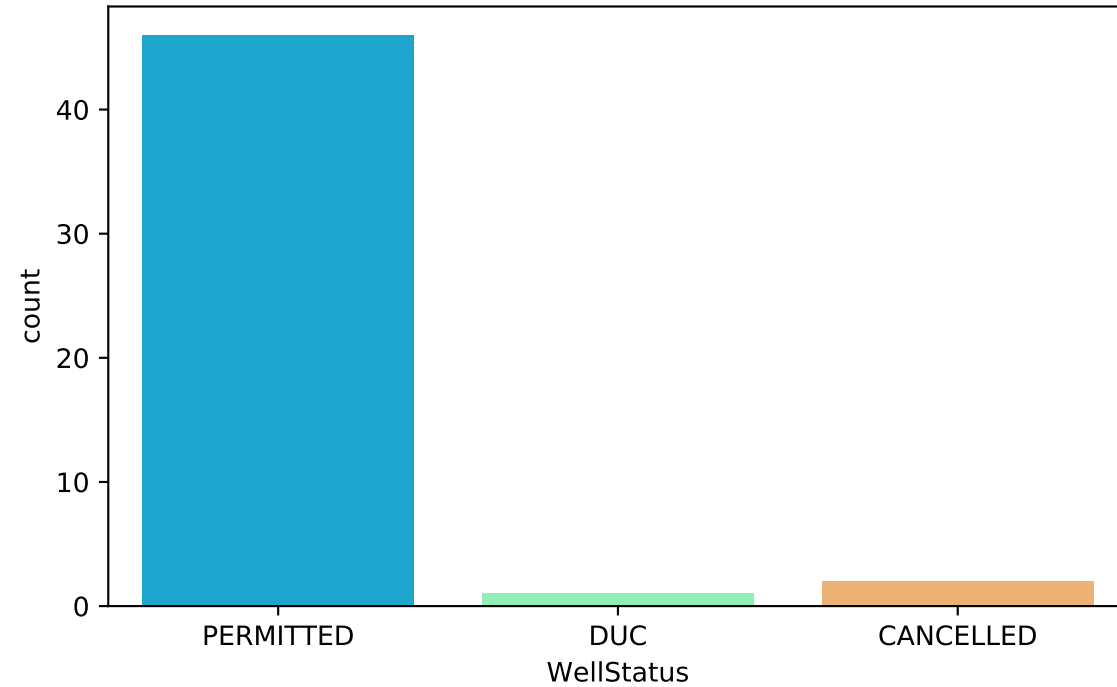
Lease Summary for tract 120
Total Number of Leases: 5
Average Price \$369/acre in 2020



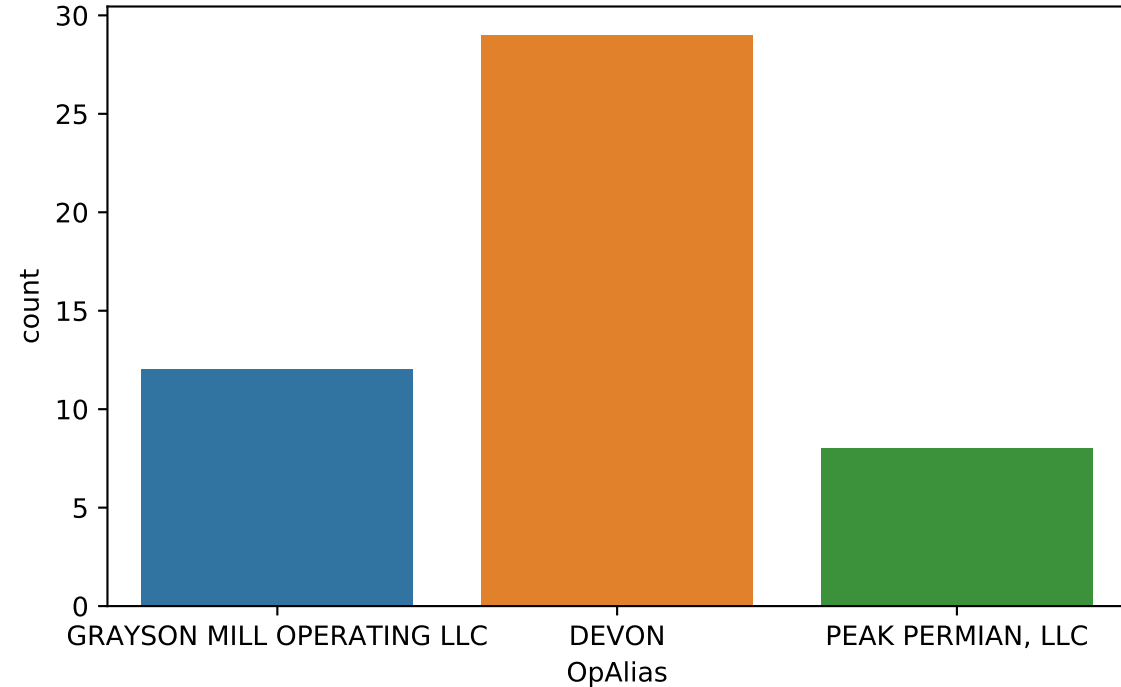
Permit Summary for Tract 35

Total permits: 49

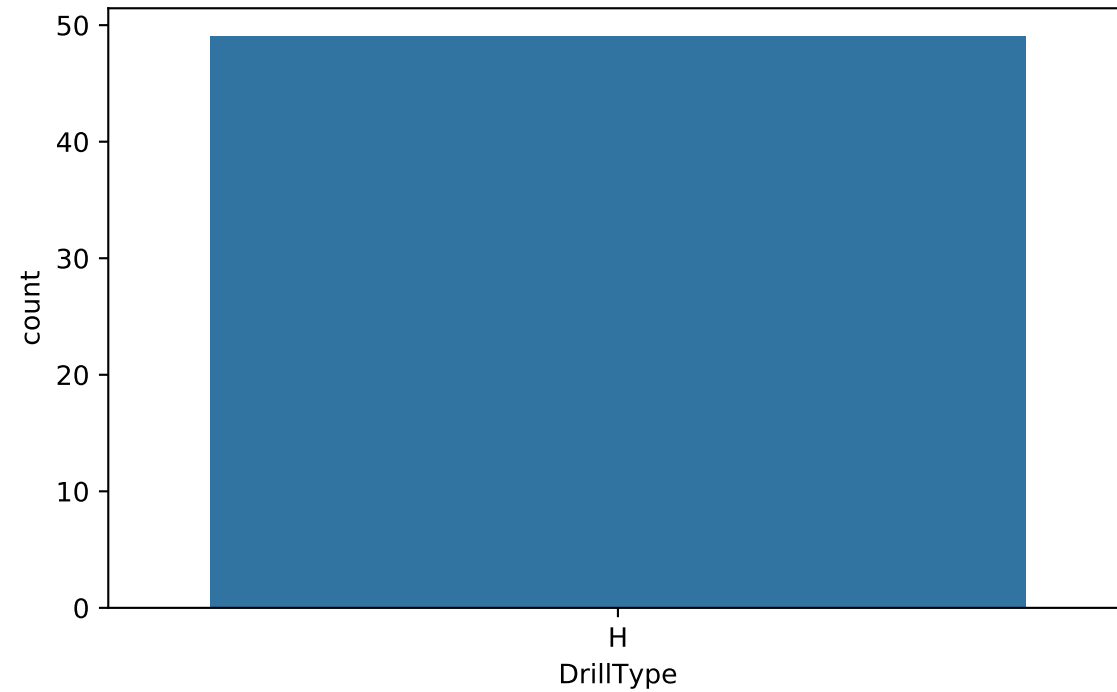
Permits by Well Status



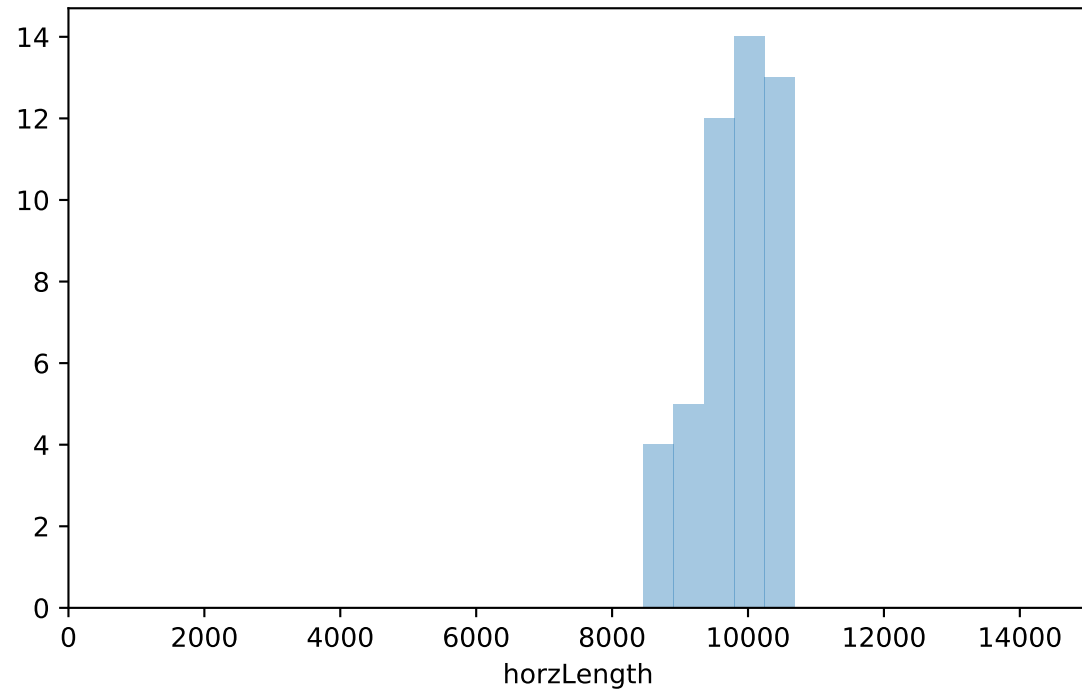
Permits by Operator



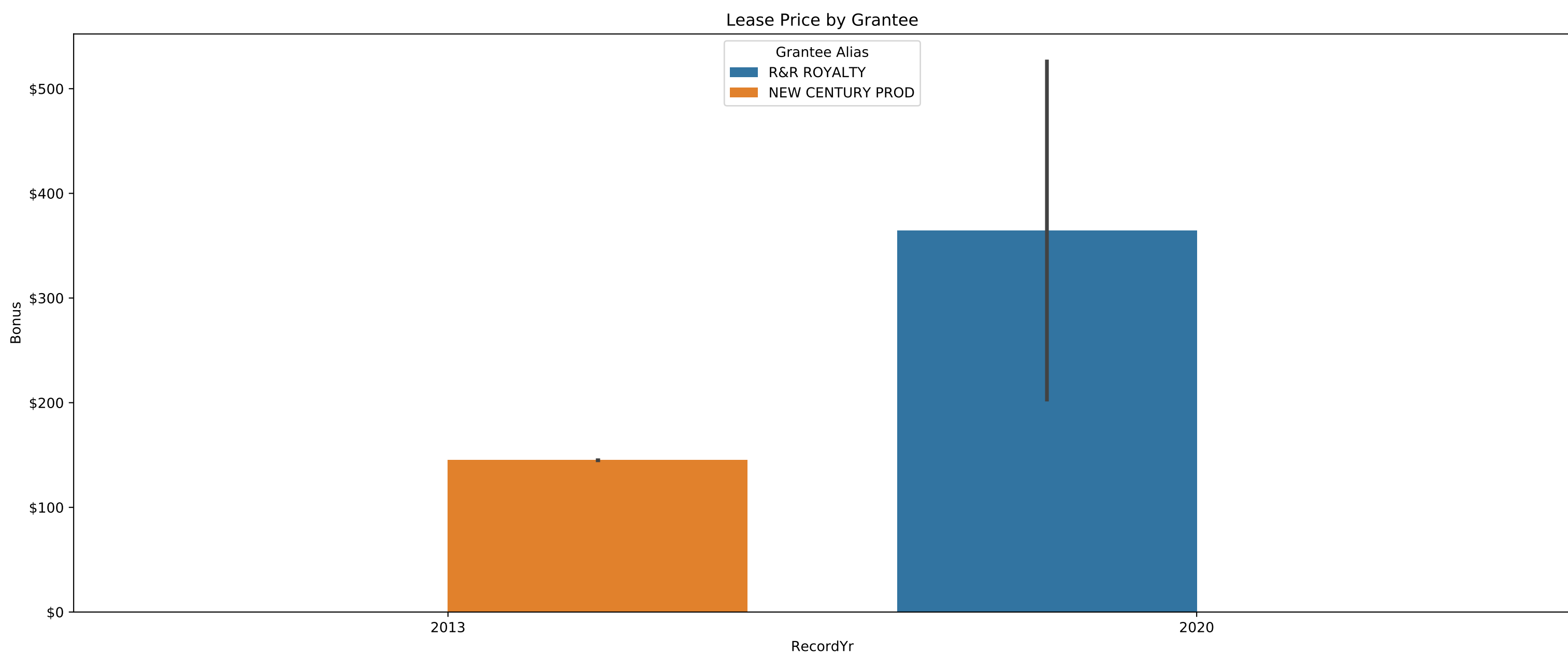
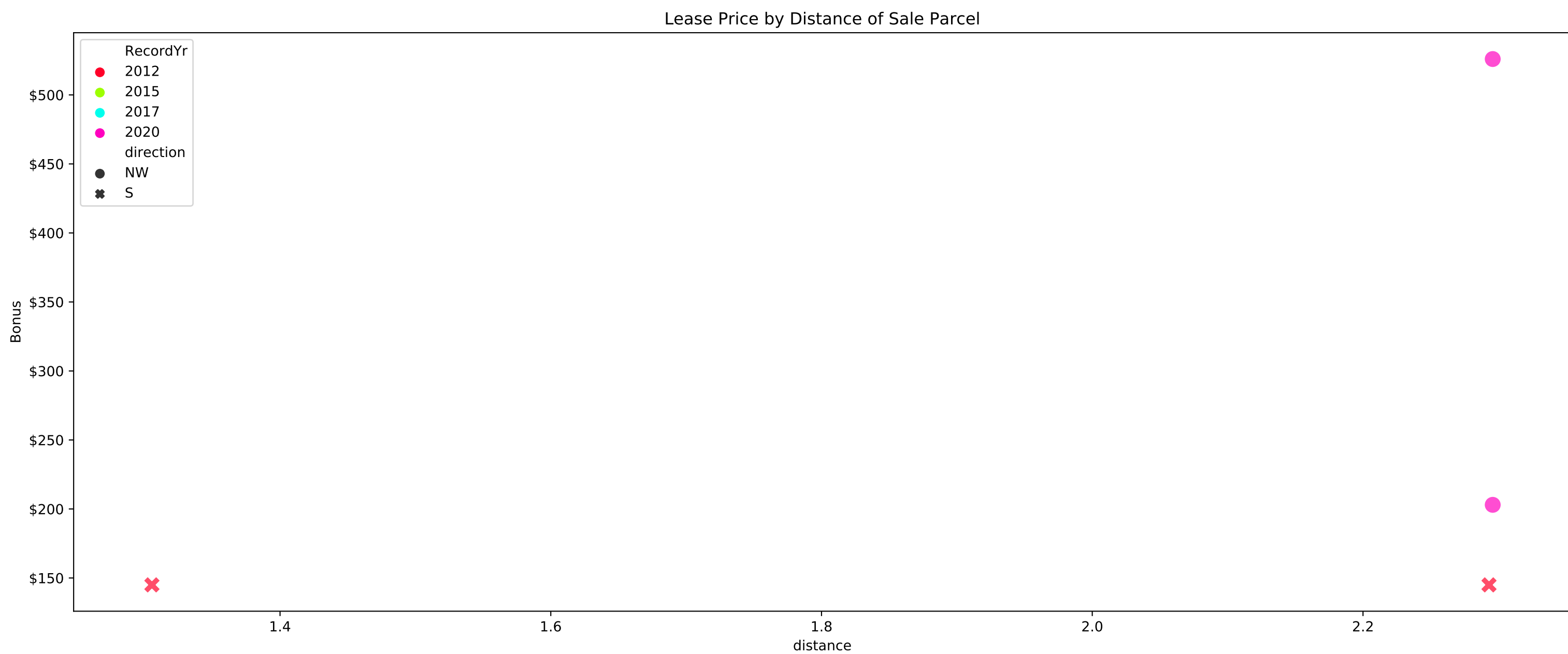
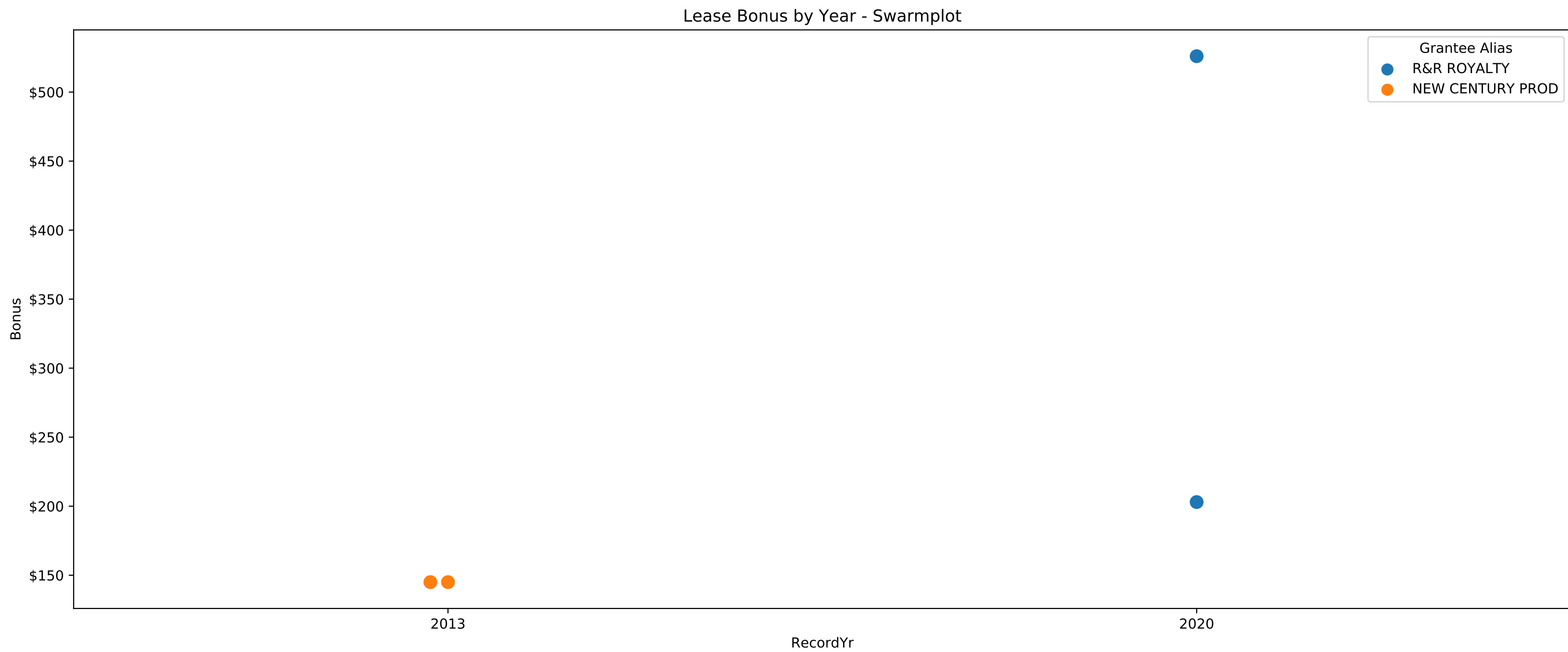
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



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



Permit Summary for Tract 29

Total permits: 7

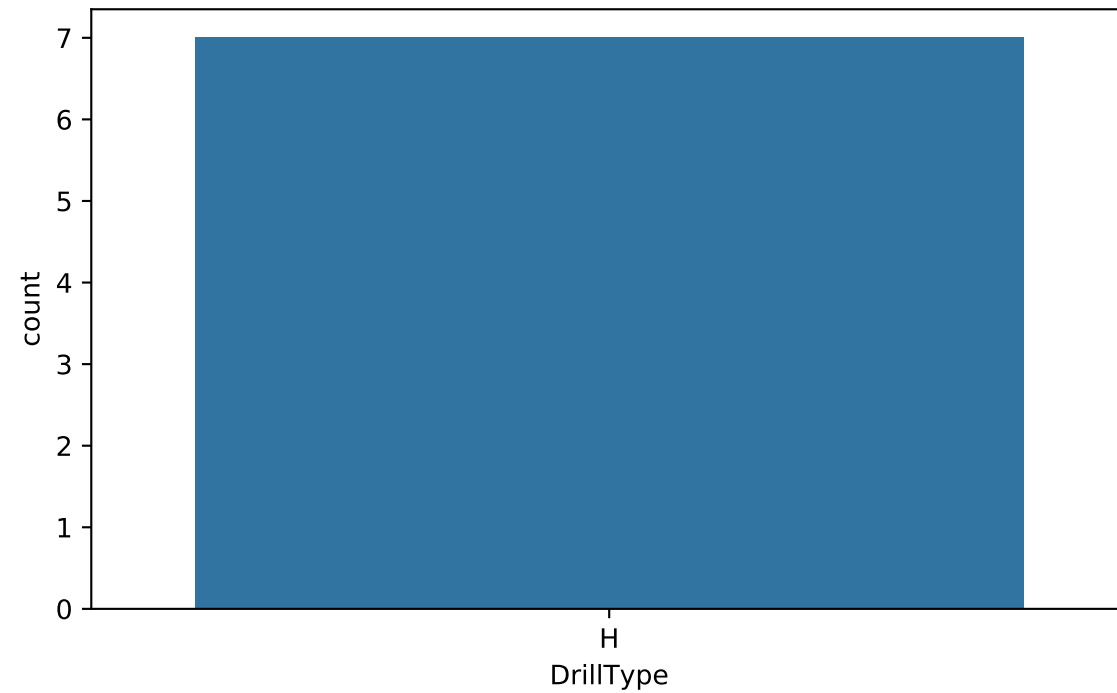
Permits by Well Status



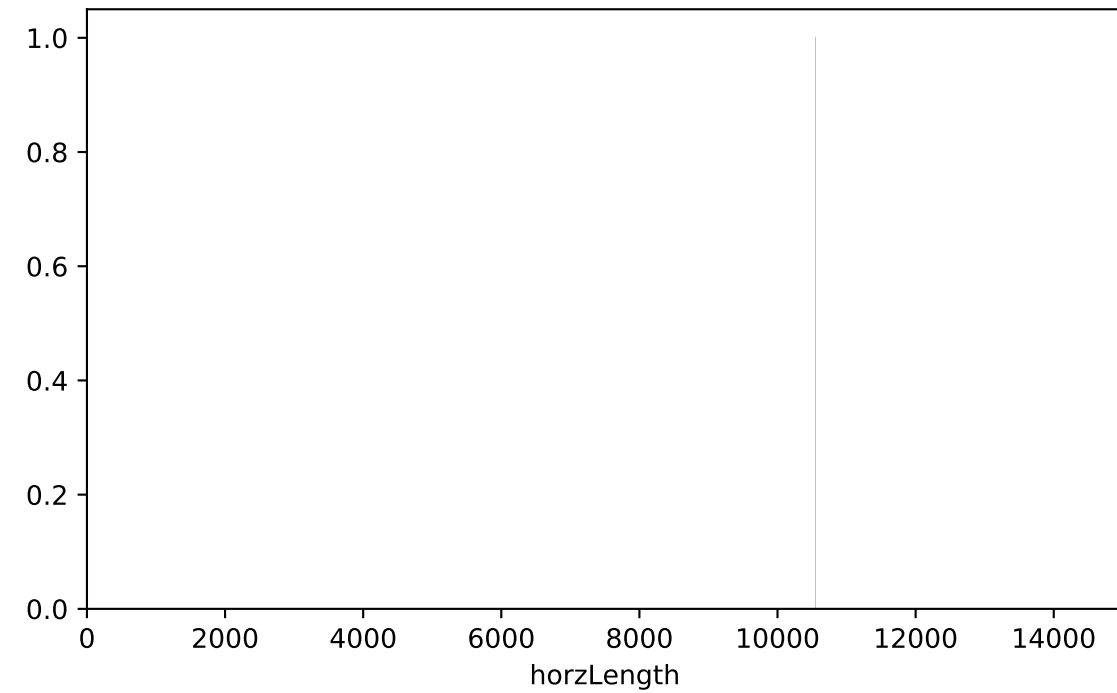
Permits by Operator



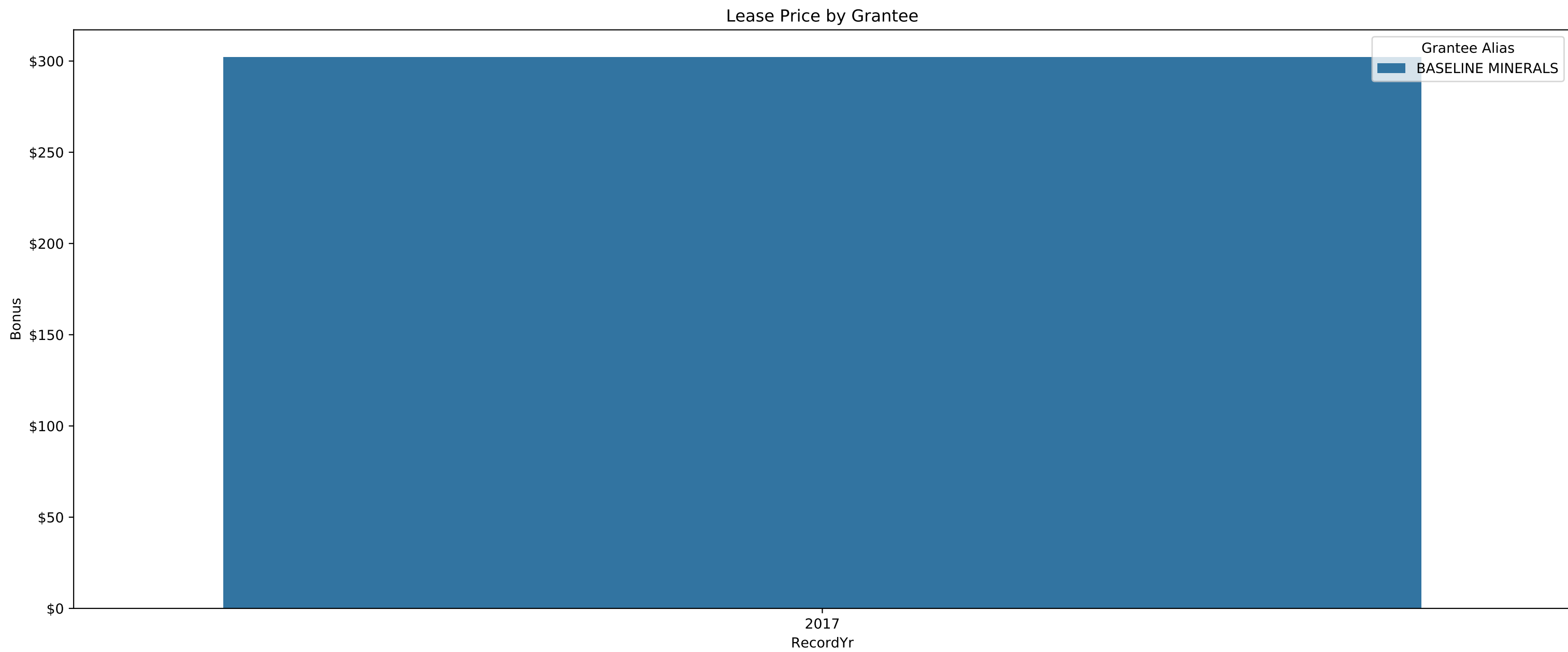
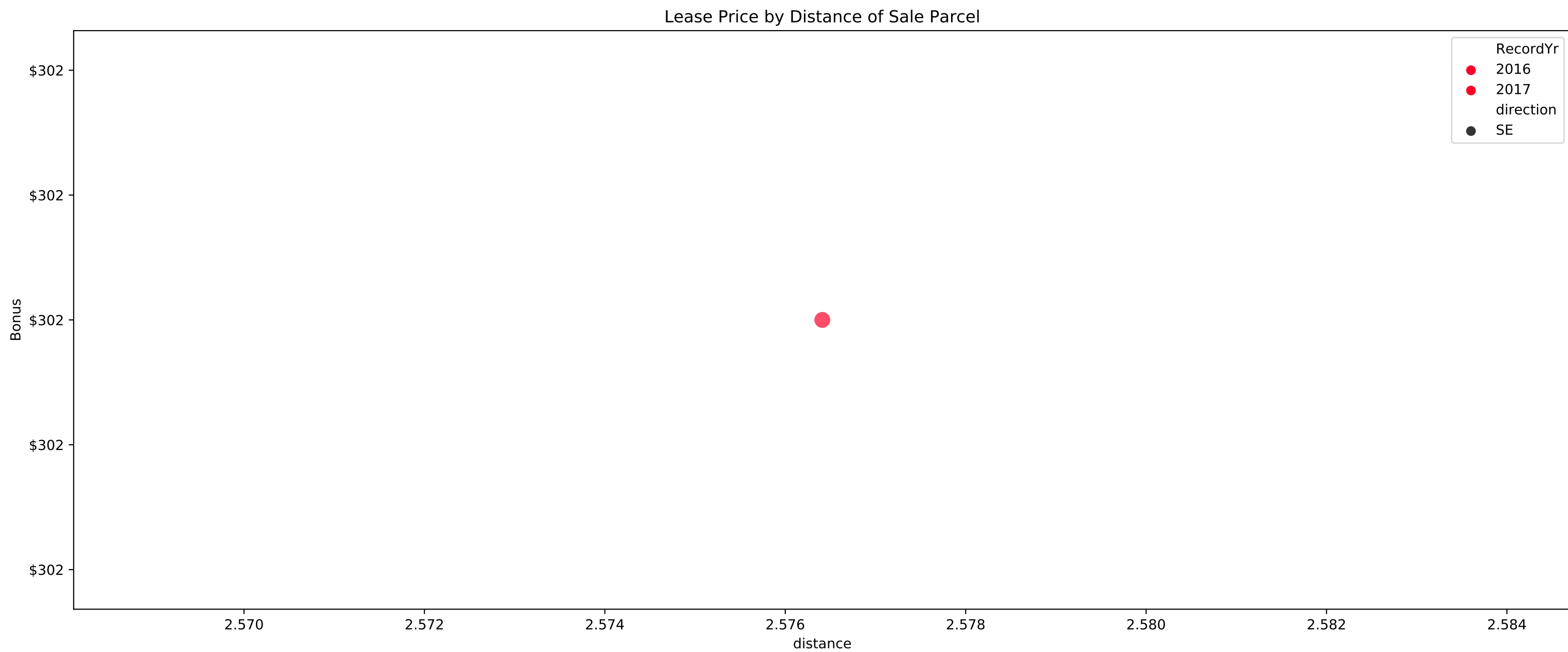
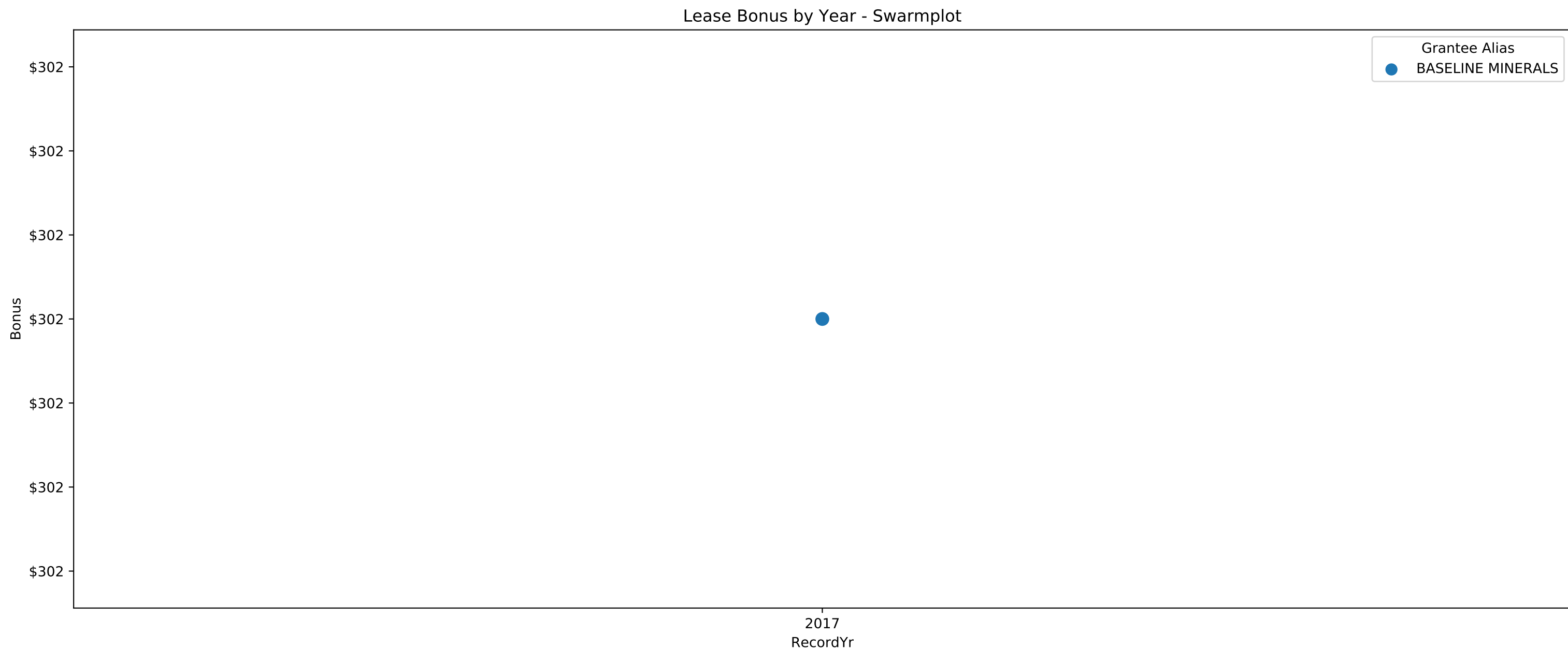
Permits by Well Type (H,D,V)



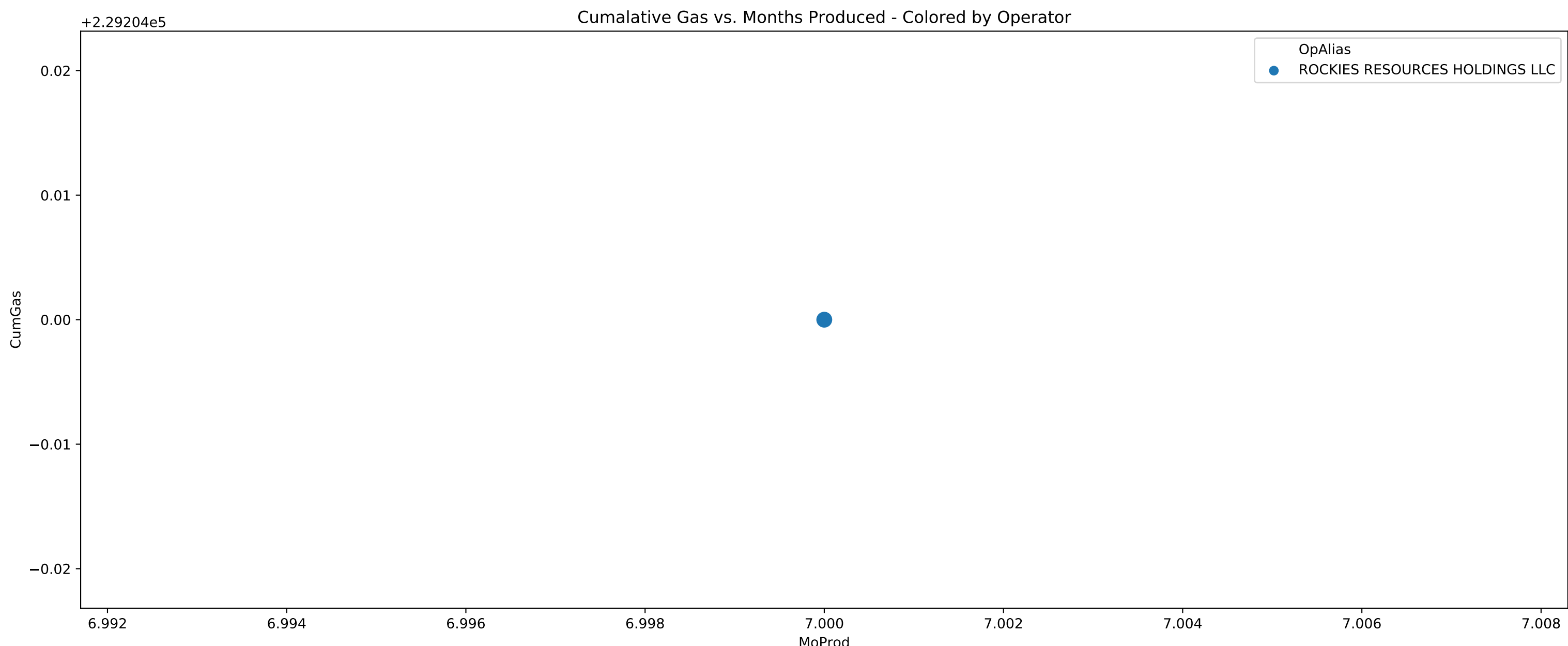
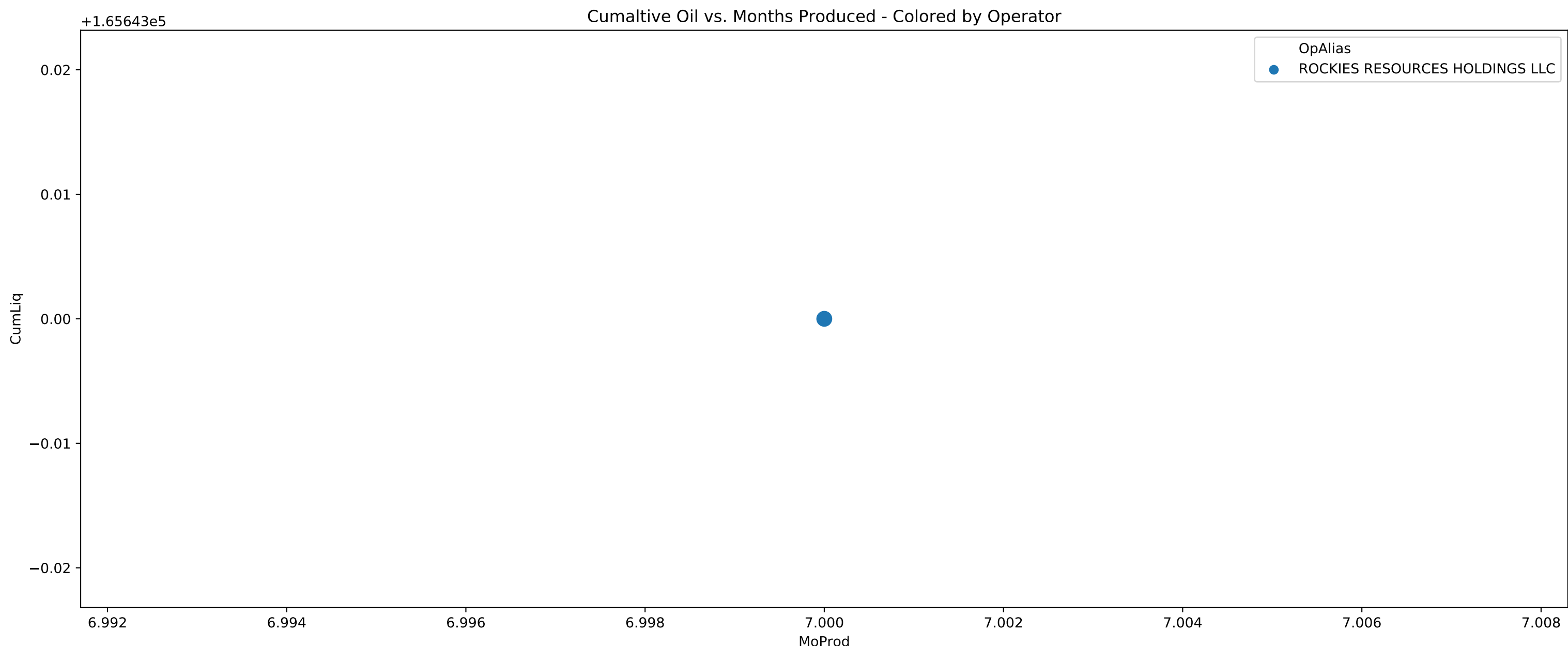
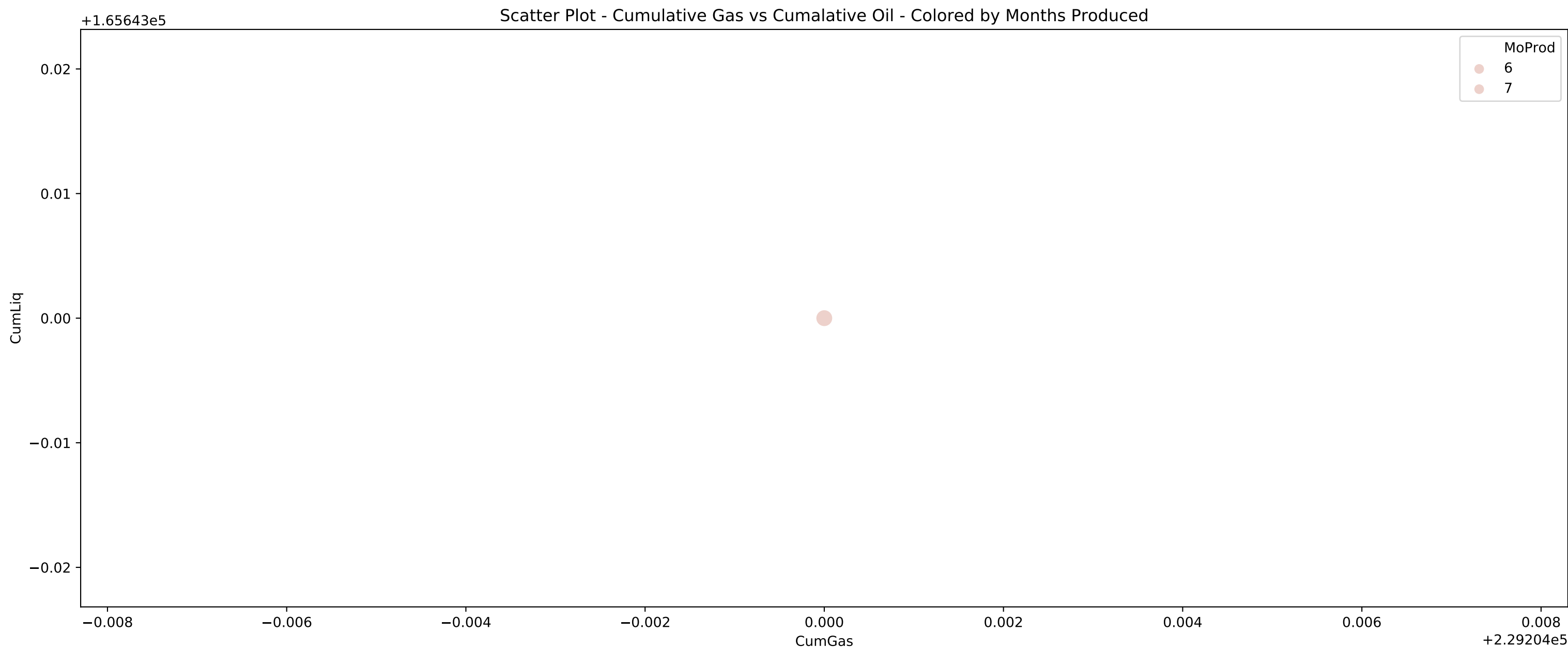
Permit Horizontal Lengths - Binned



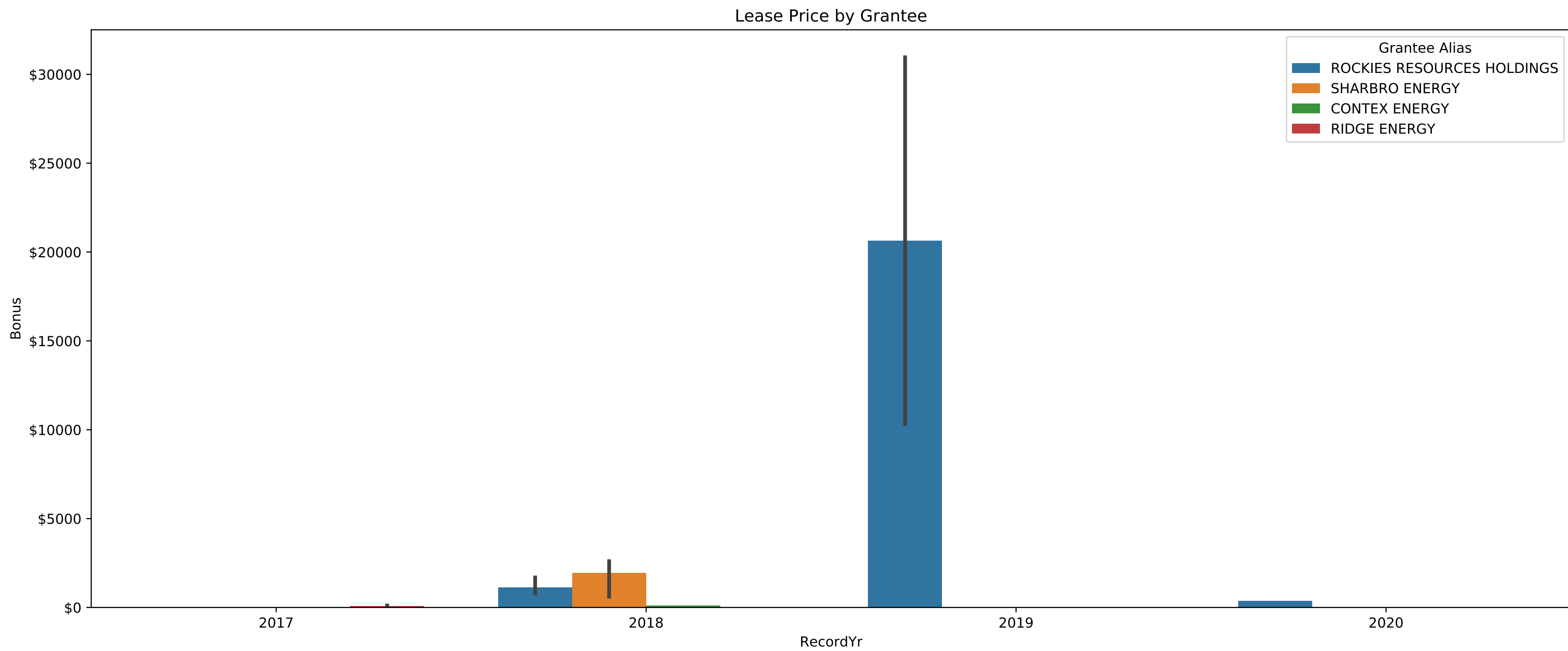
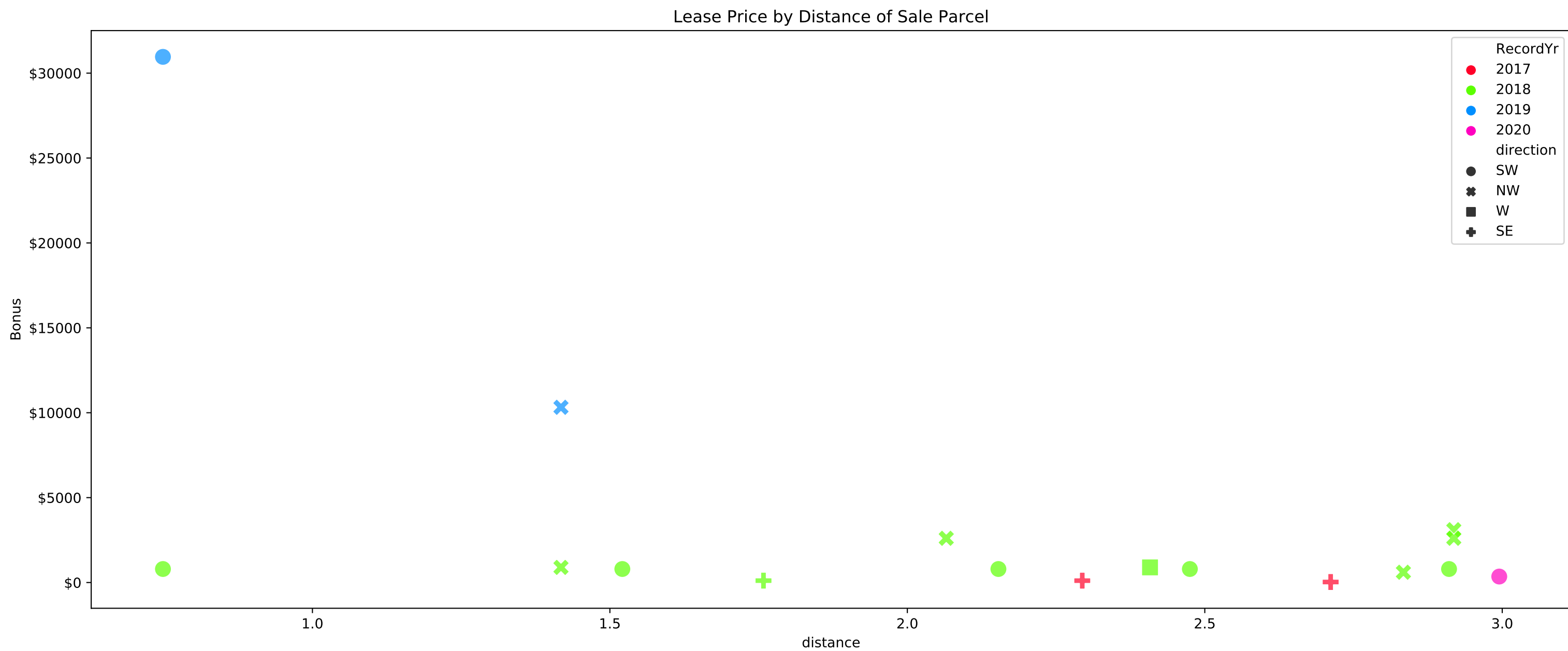
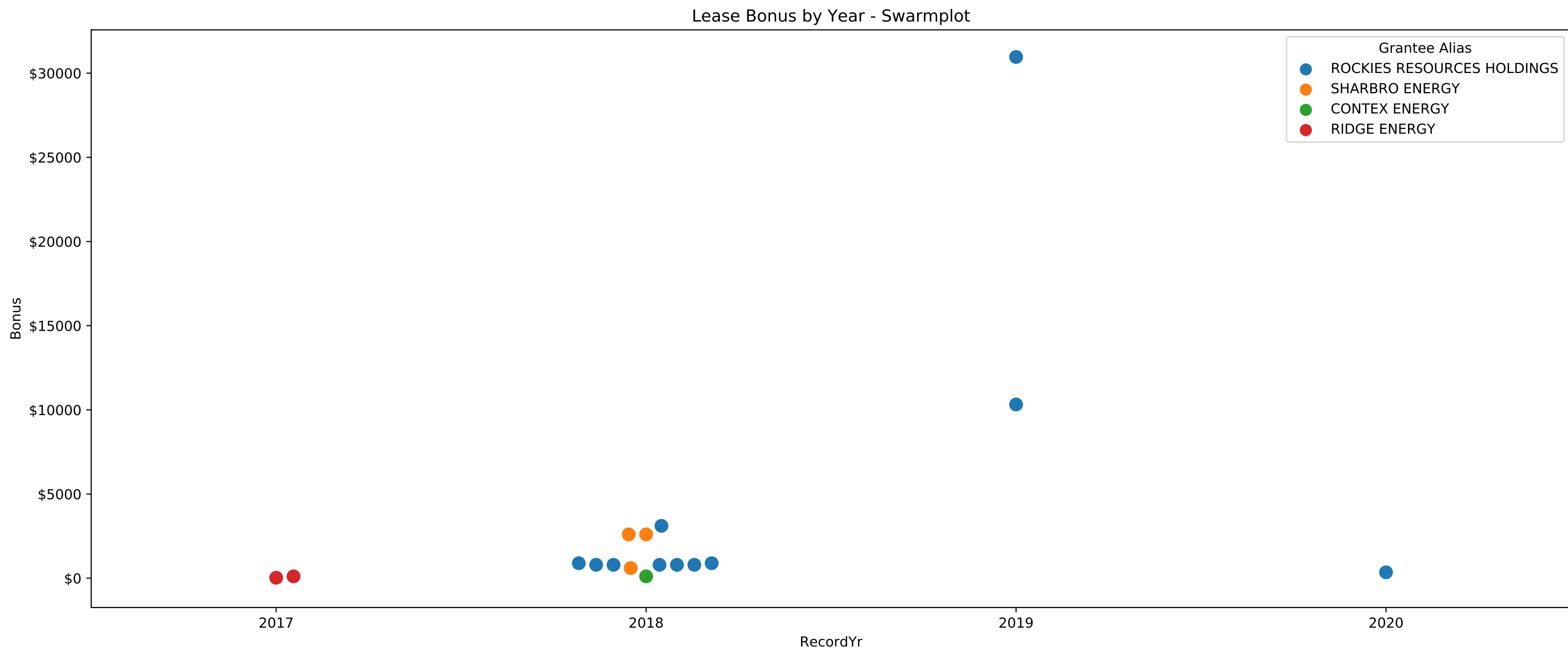
Lease Summary for tract 29
Total Number of Leases: 1
Average Price \$302/acre in 2017



Production Dashboard for tract 46



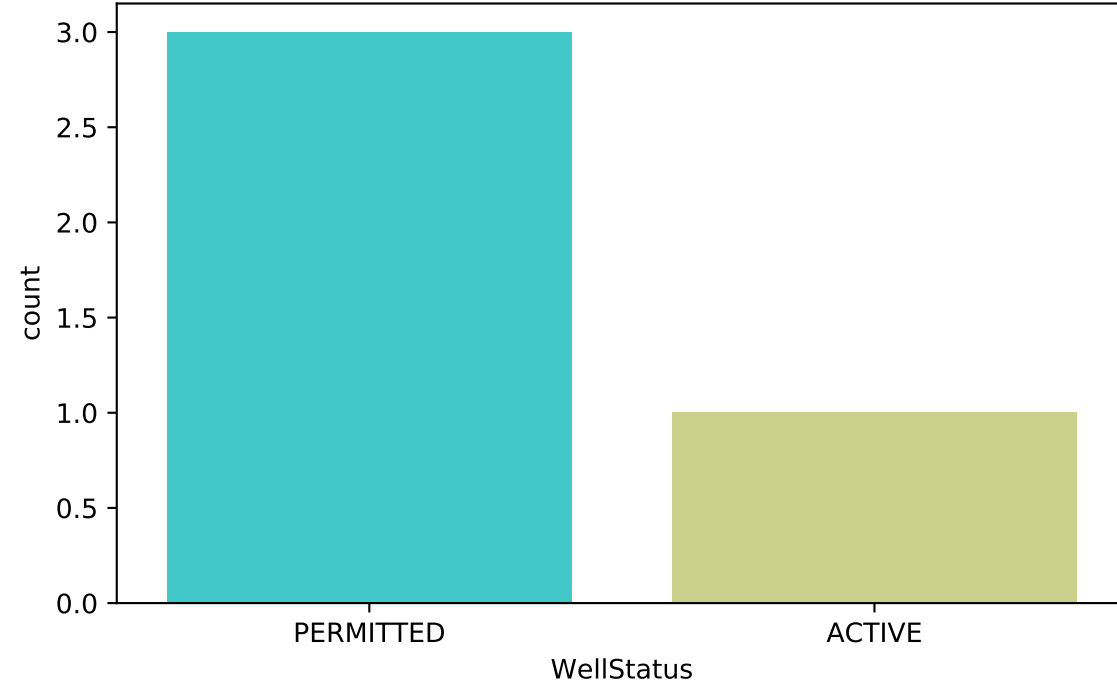
Lease Summary for tract 46
Total Number of Leases: 17
Average Price \$352/acre in 2020



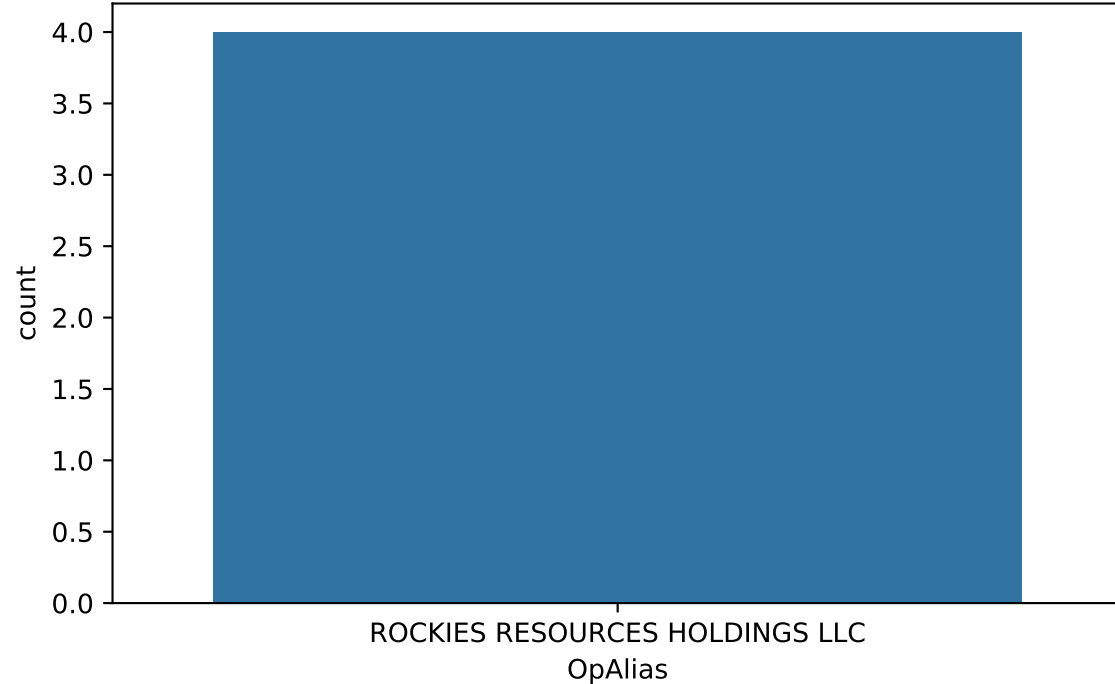
Permit Summary for Tract 43

Total permits: 4

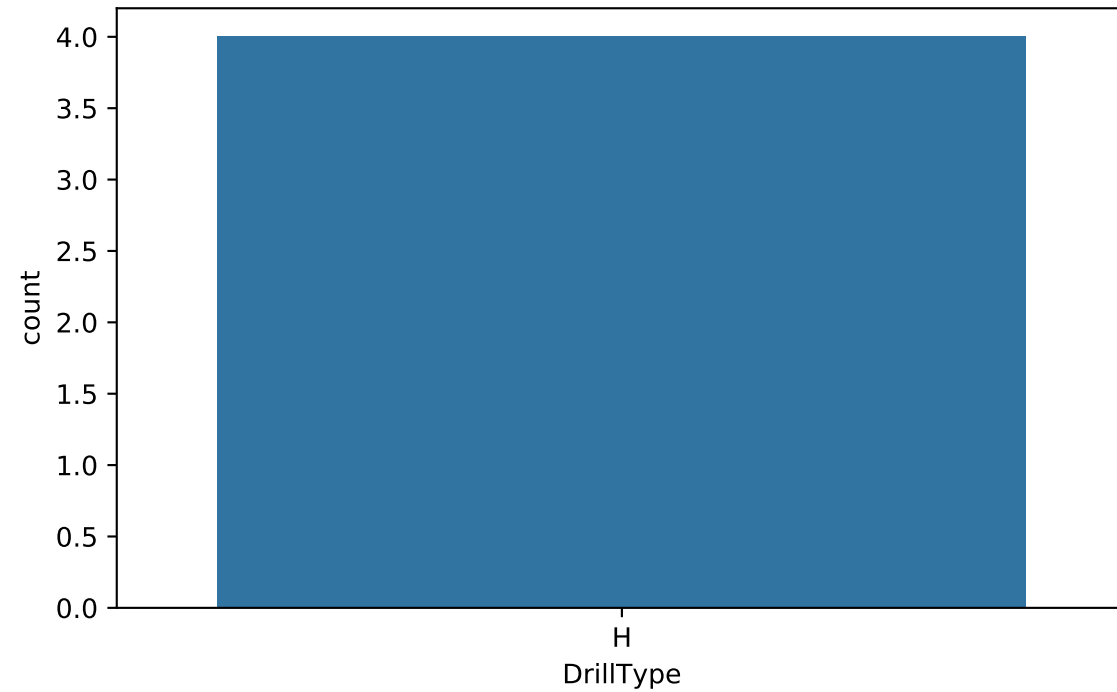
Permits by Well Status



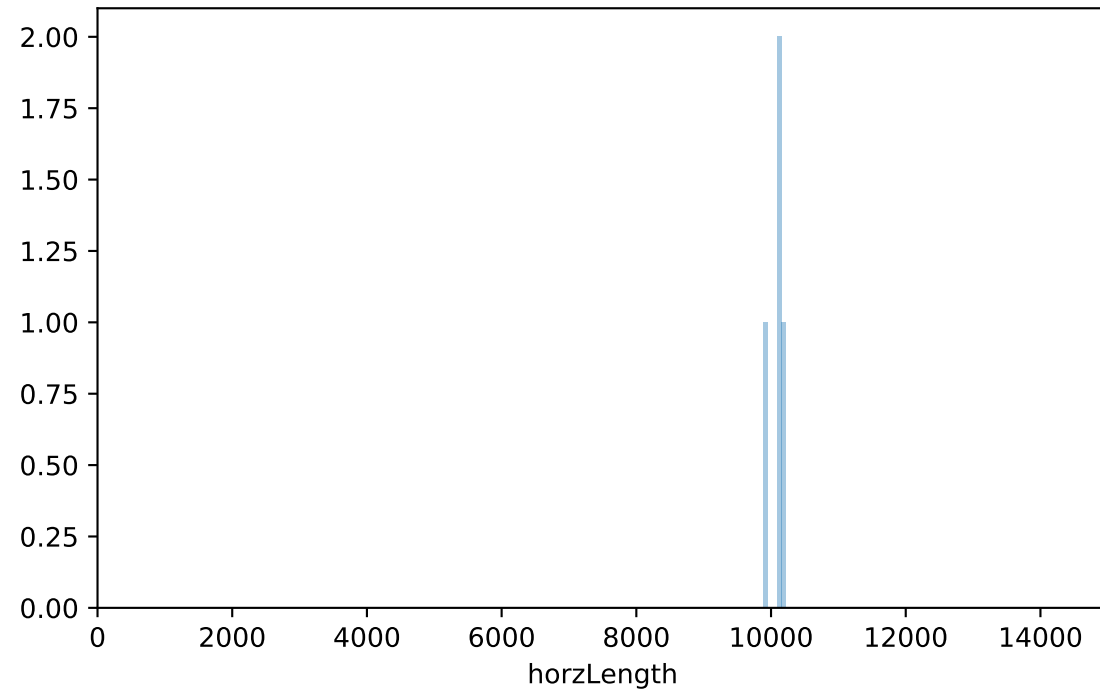
Permits by Operator



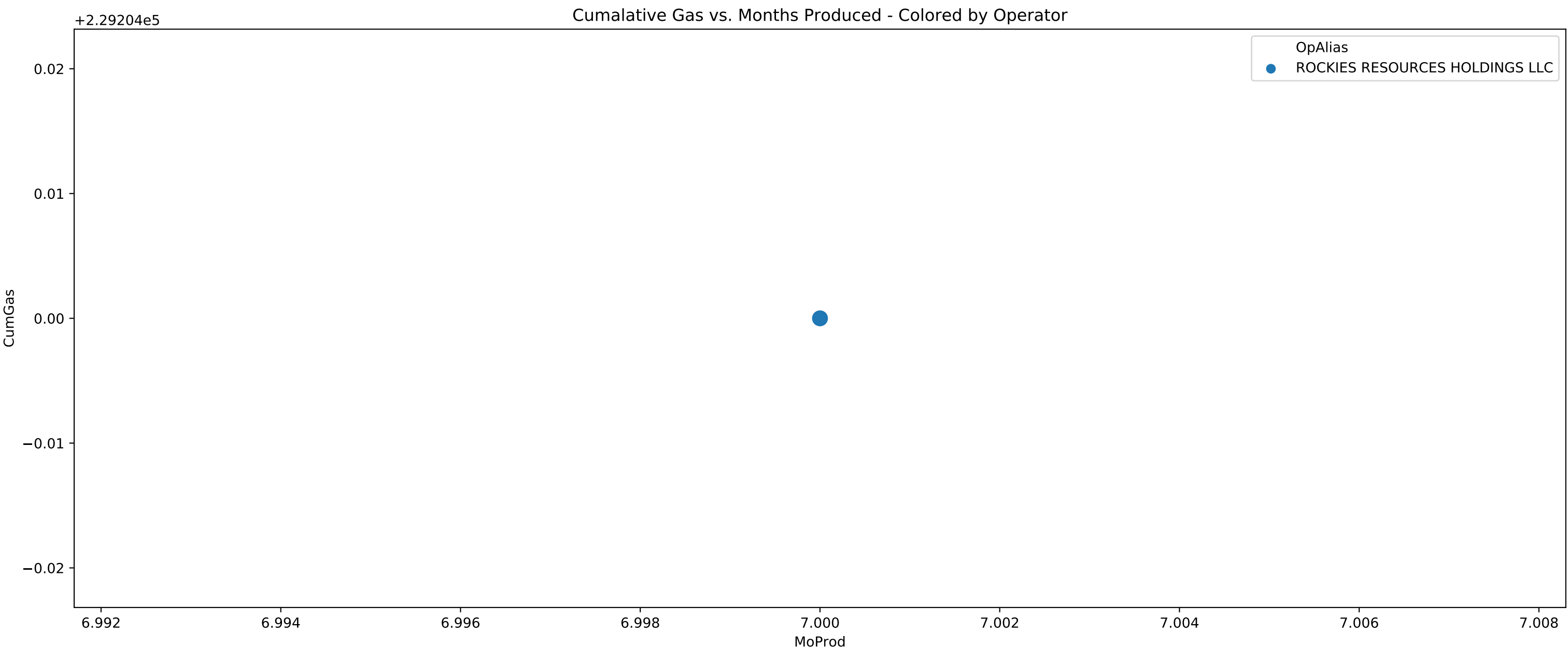
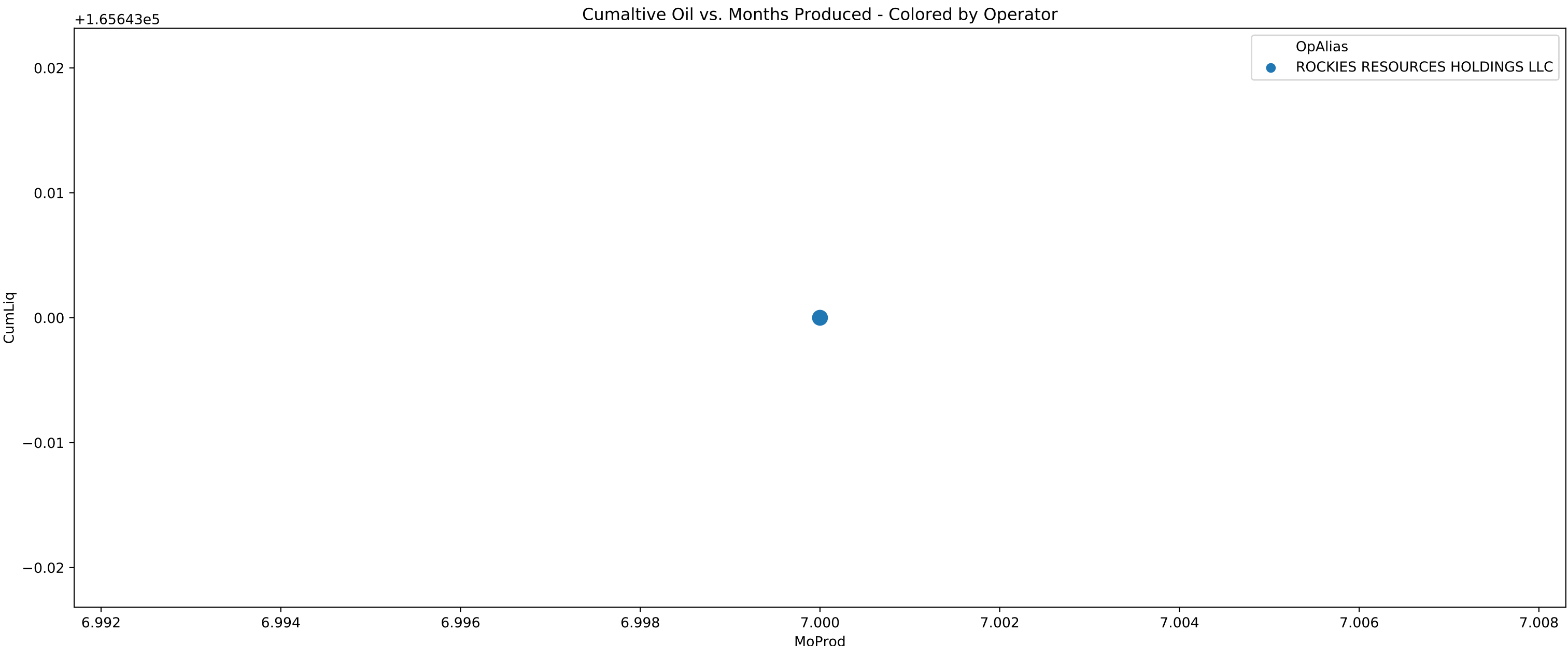
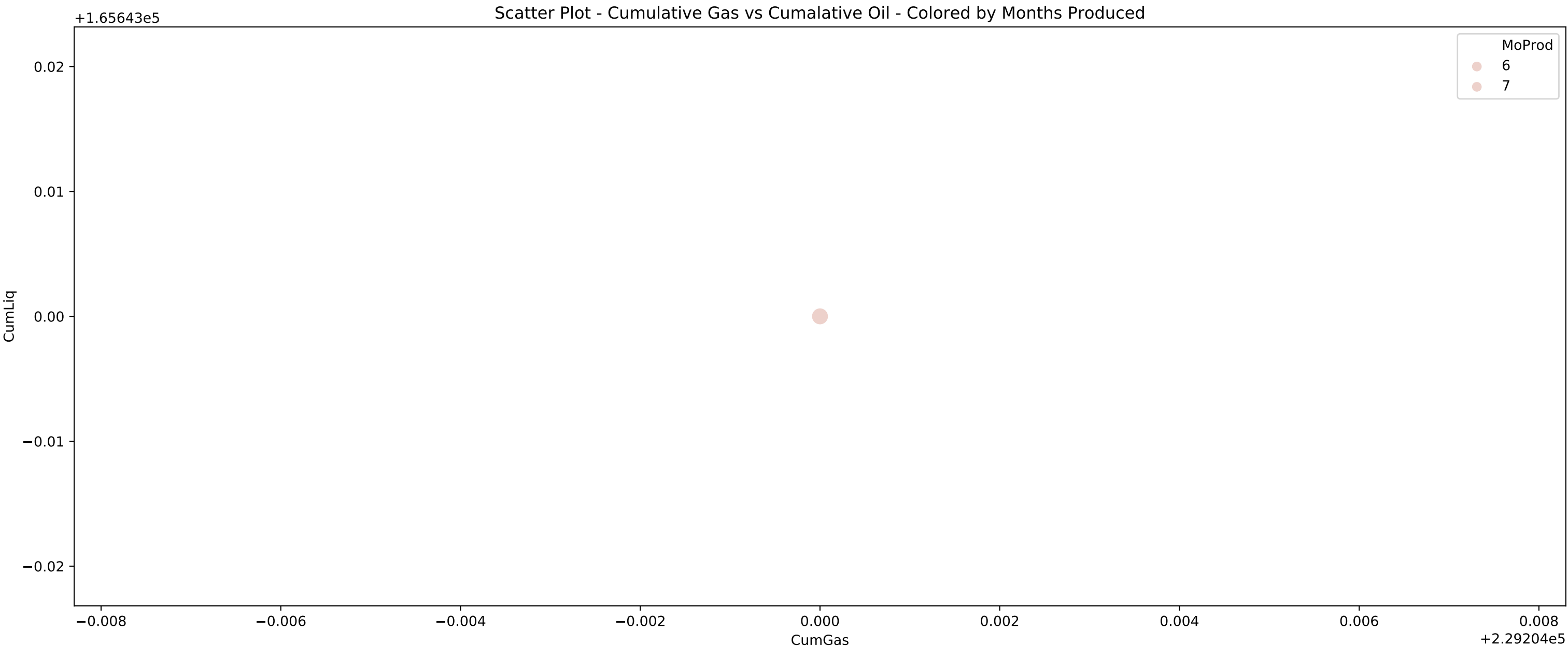
Permits by Well Type (H,D,V)



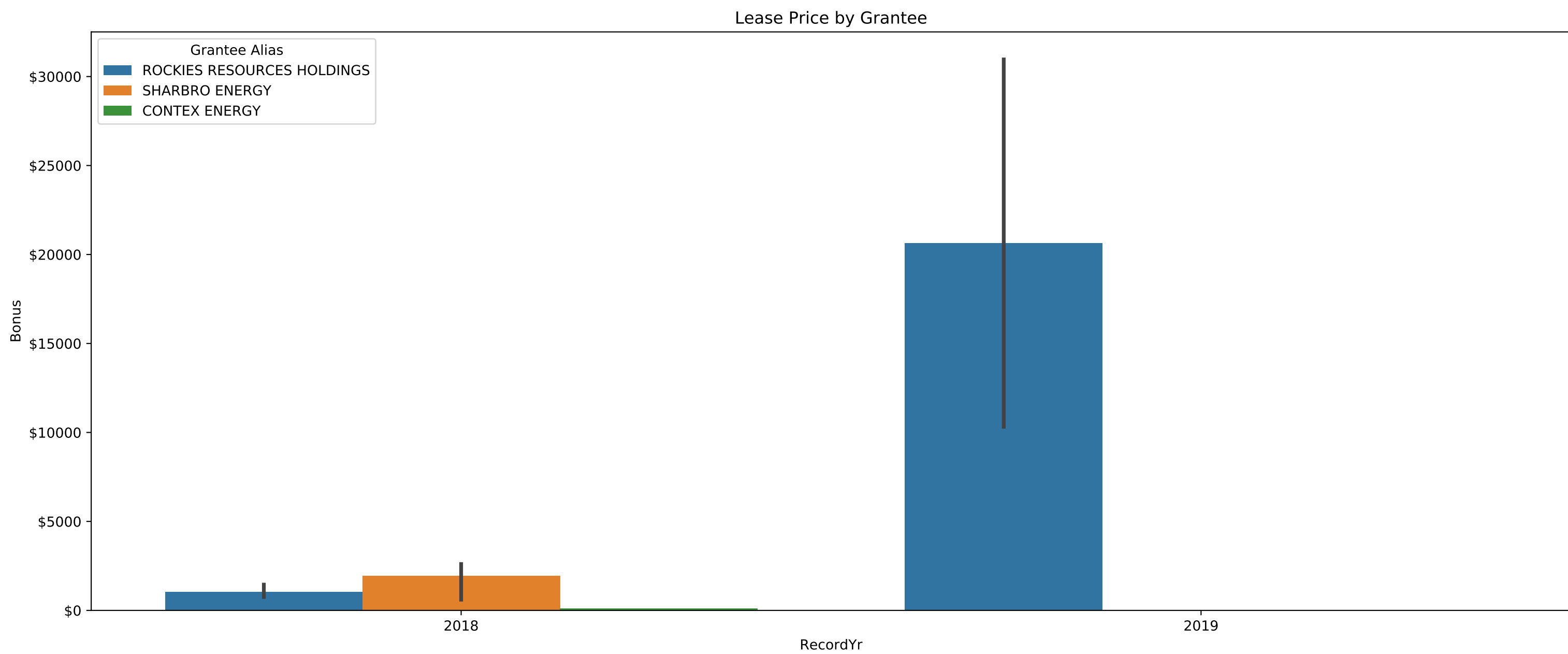
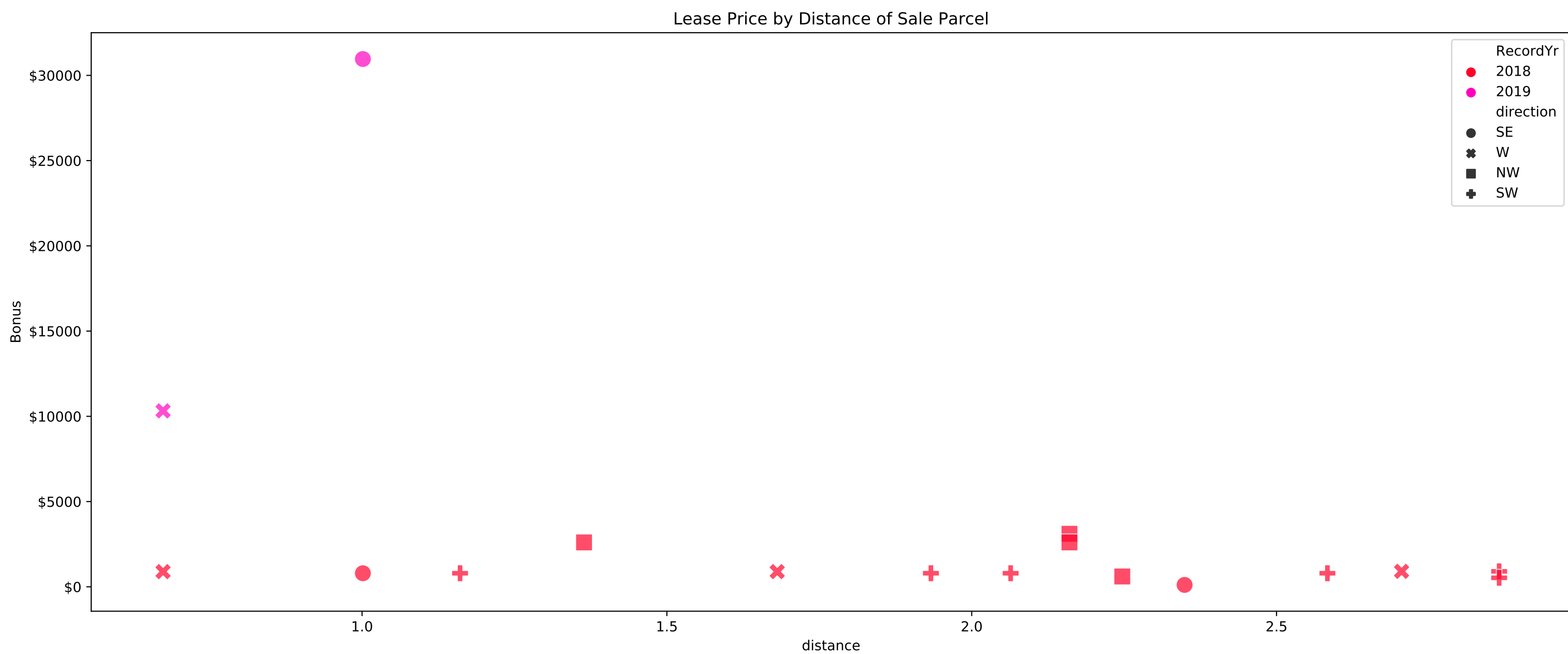
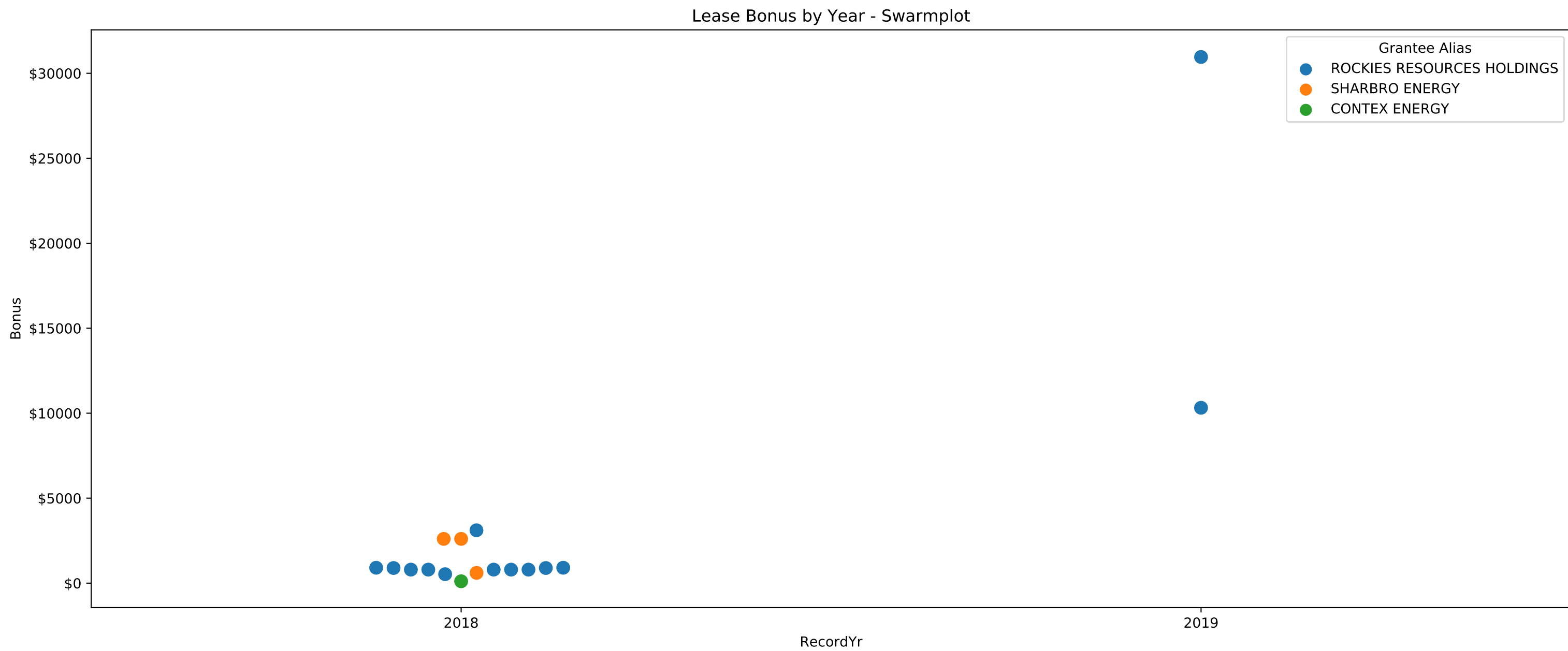
Permit Horizontal Lengths - Binned



Production Dashboard for tract 43



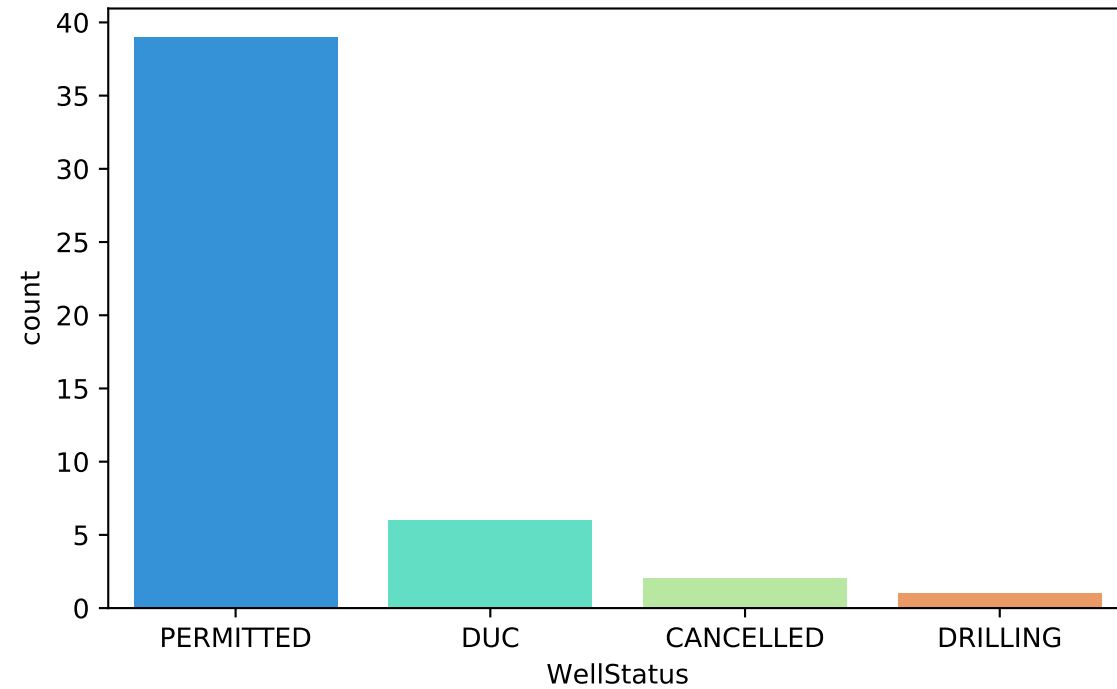
Lease Summary for tract 43
Total Number of Leases: 17
Average Price \$20640/acre in 2019



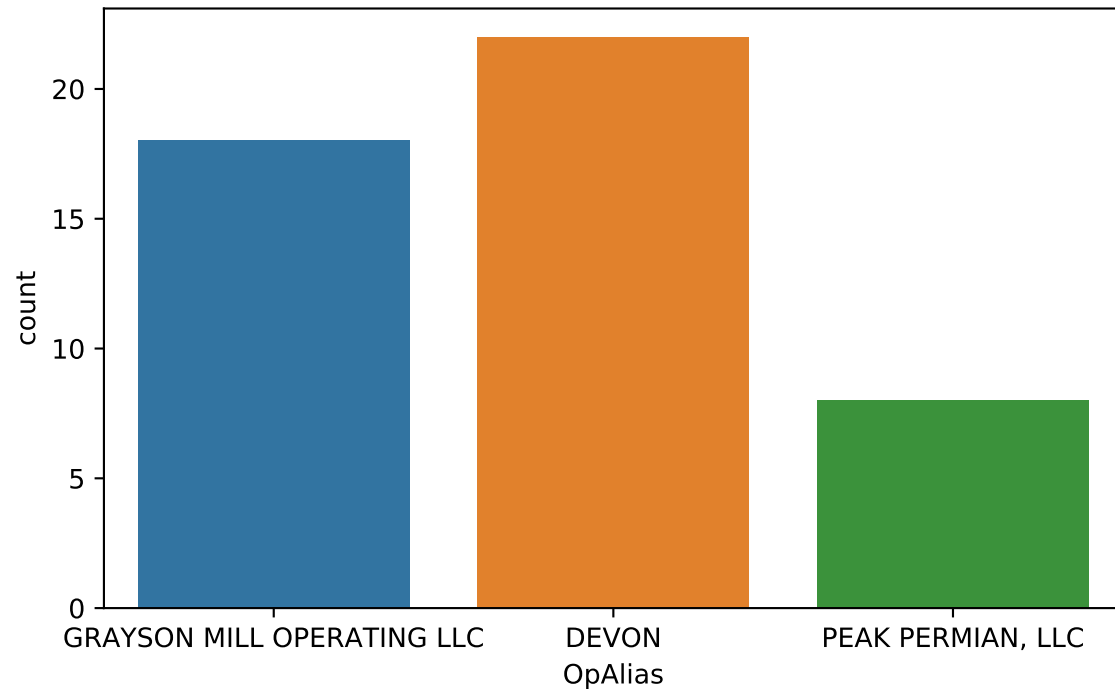
Permit Summary for Tract 122

Total permits: 48

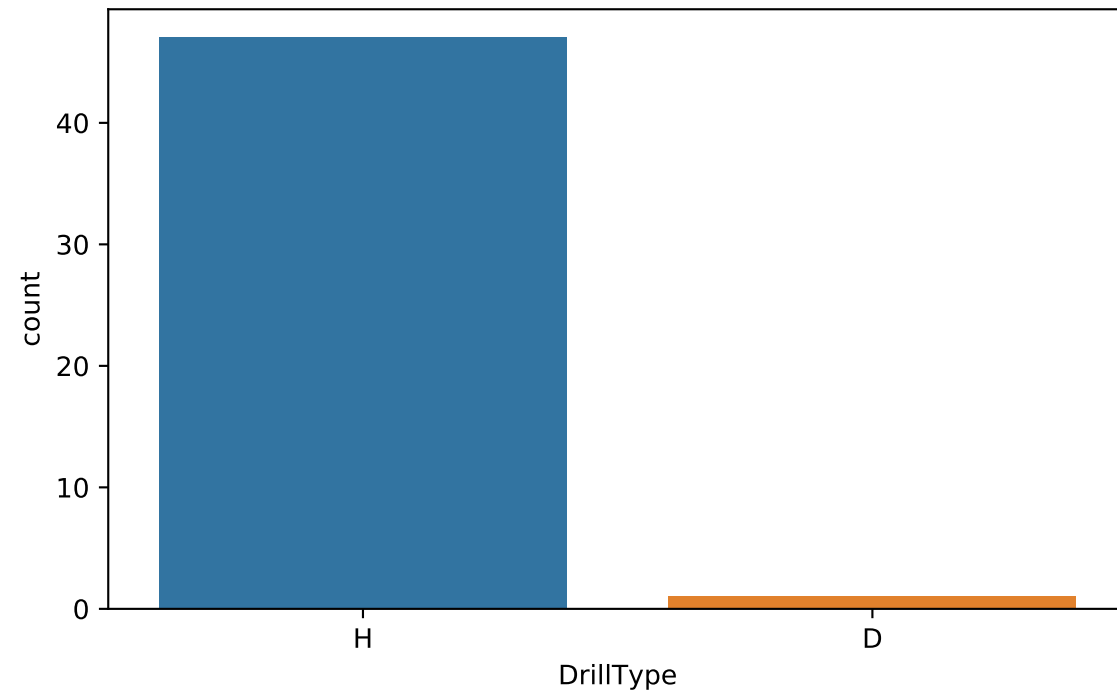
Permits by Well Status



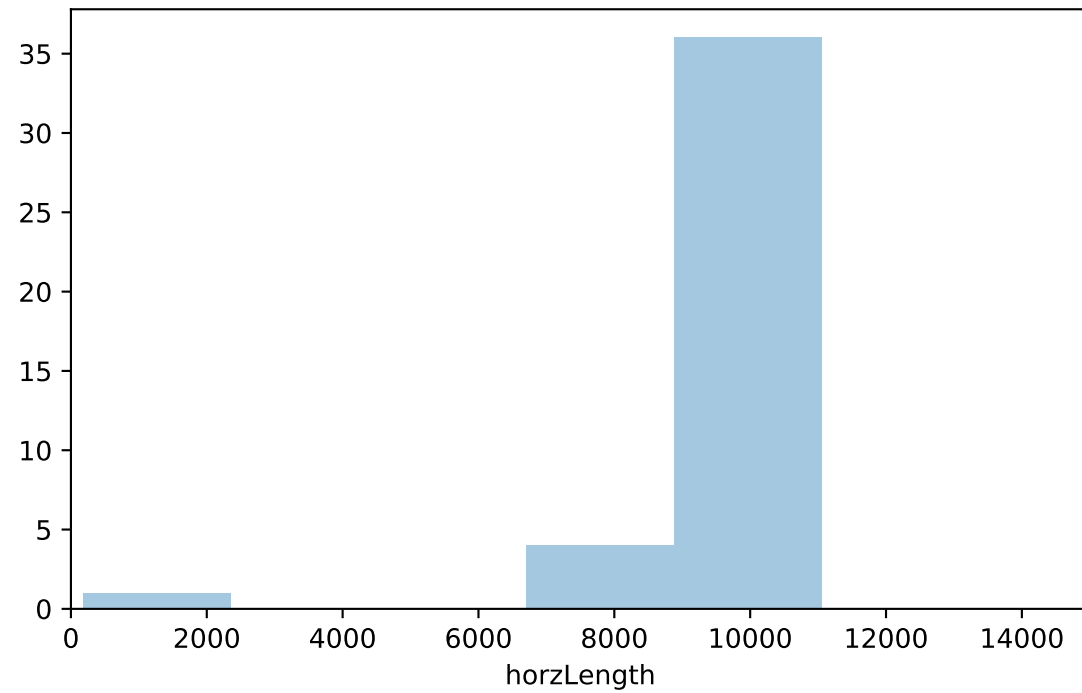
Permits by Operator



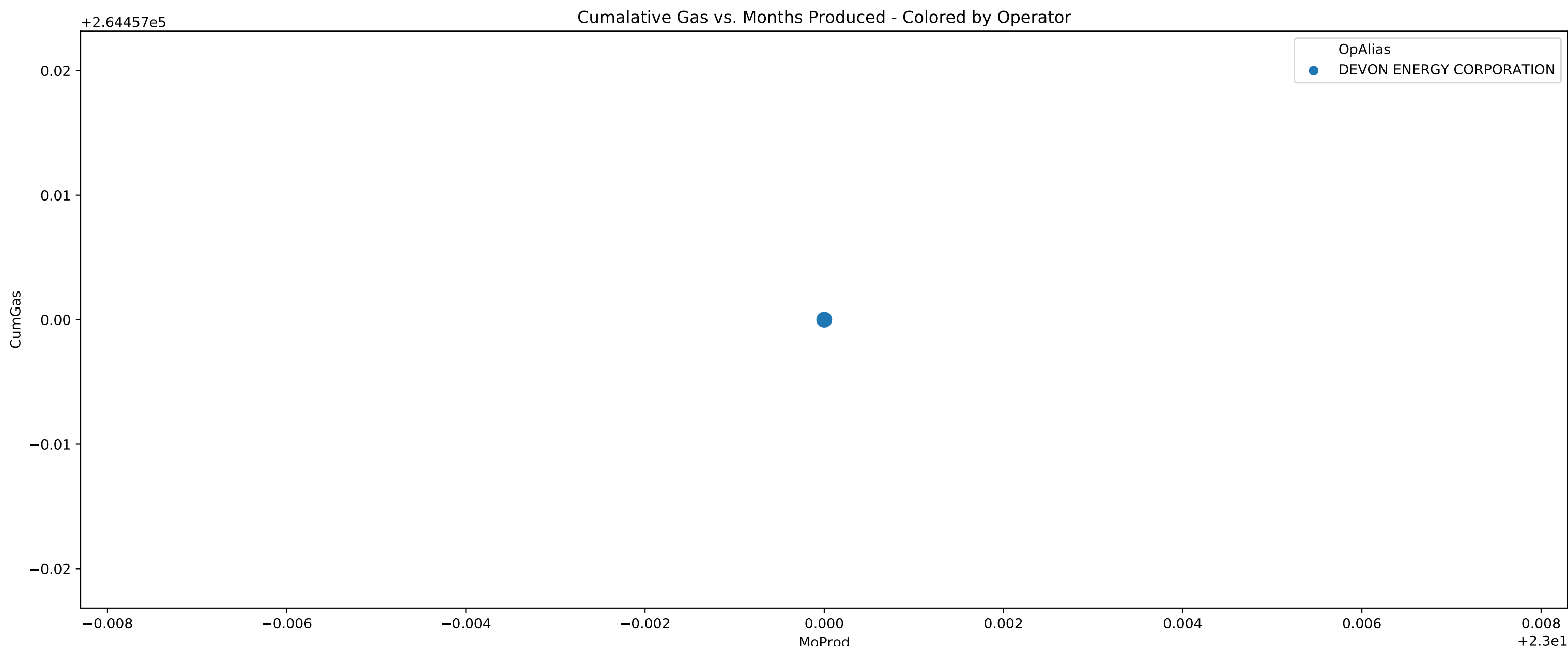
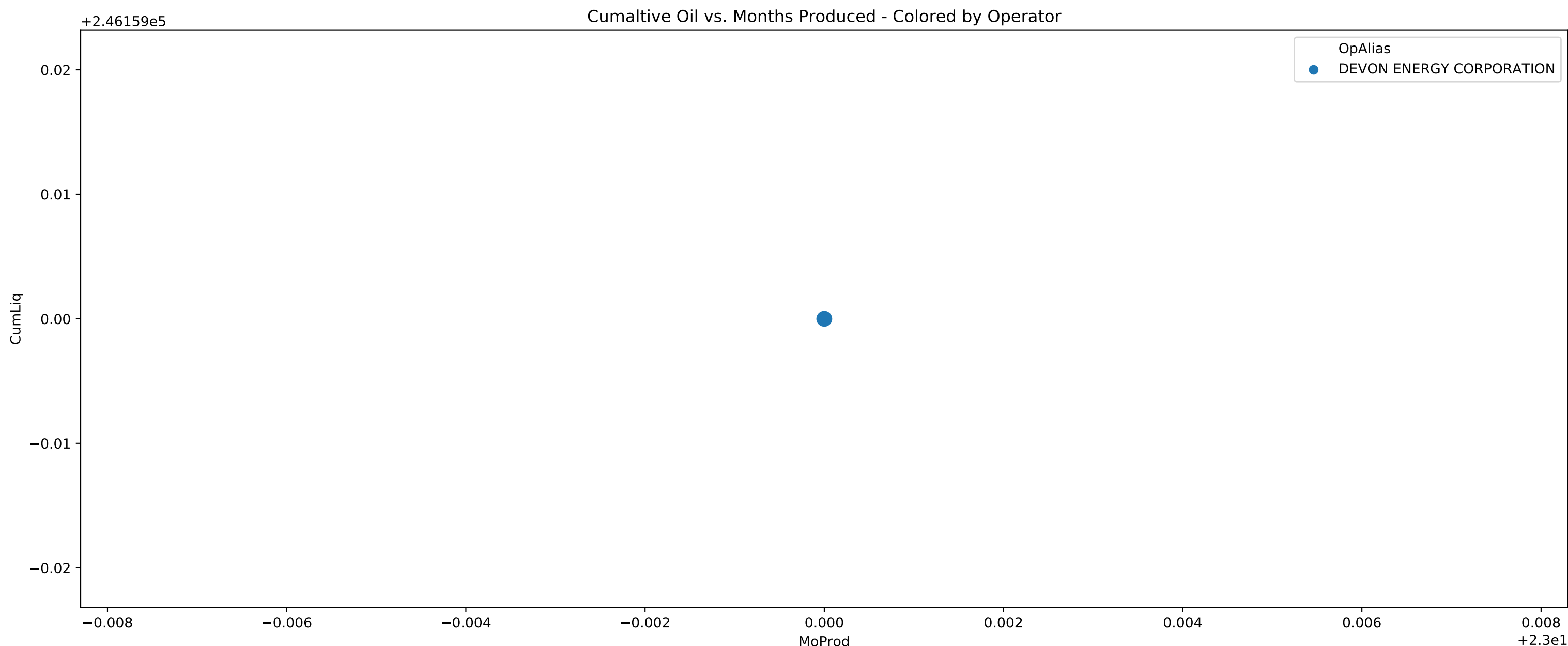
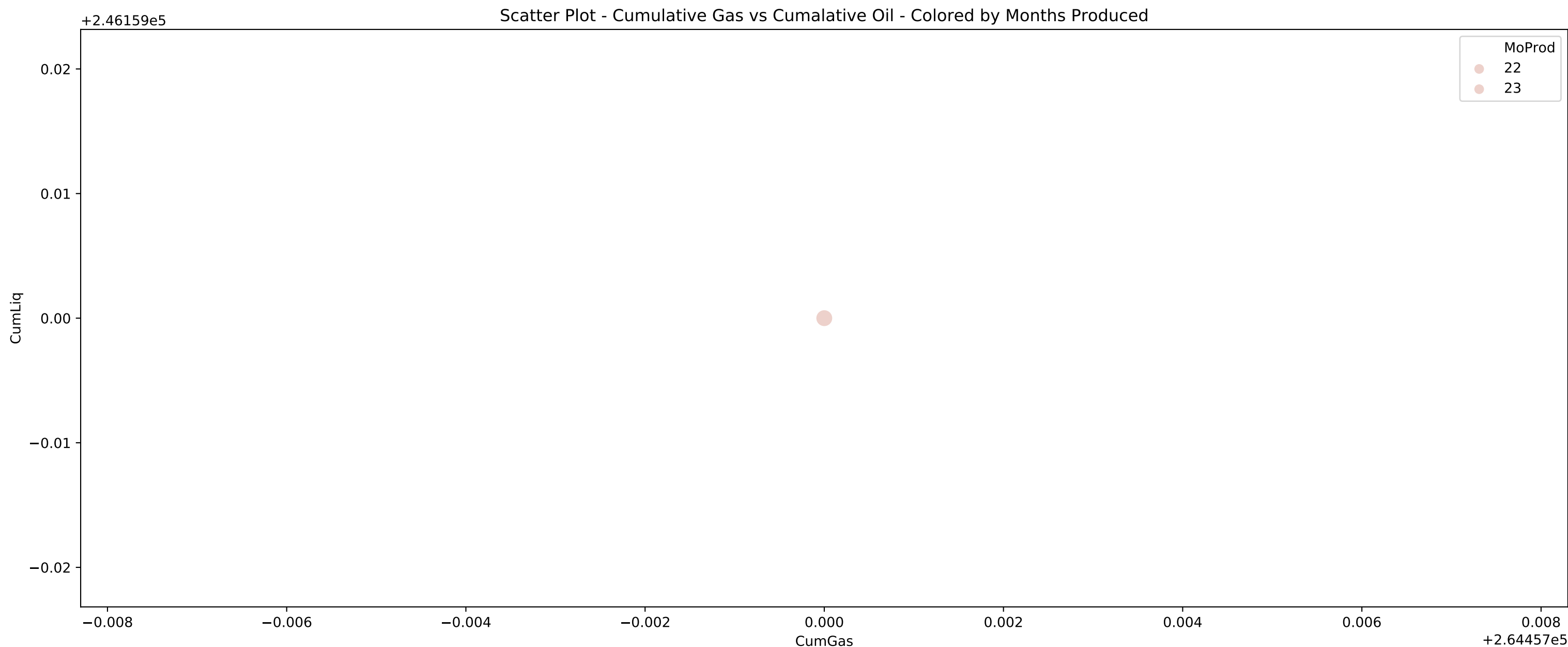
Permits by Well Type (H,D,V)



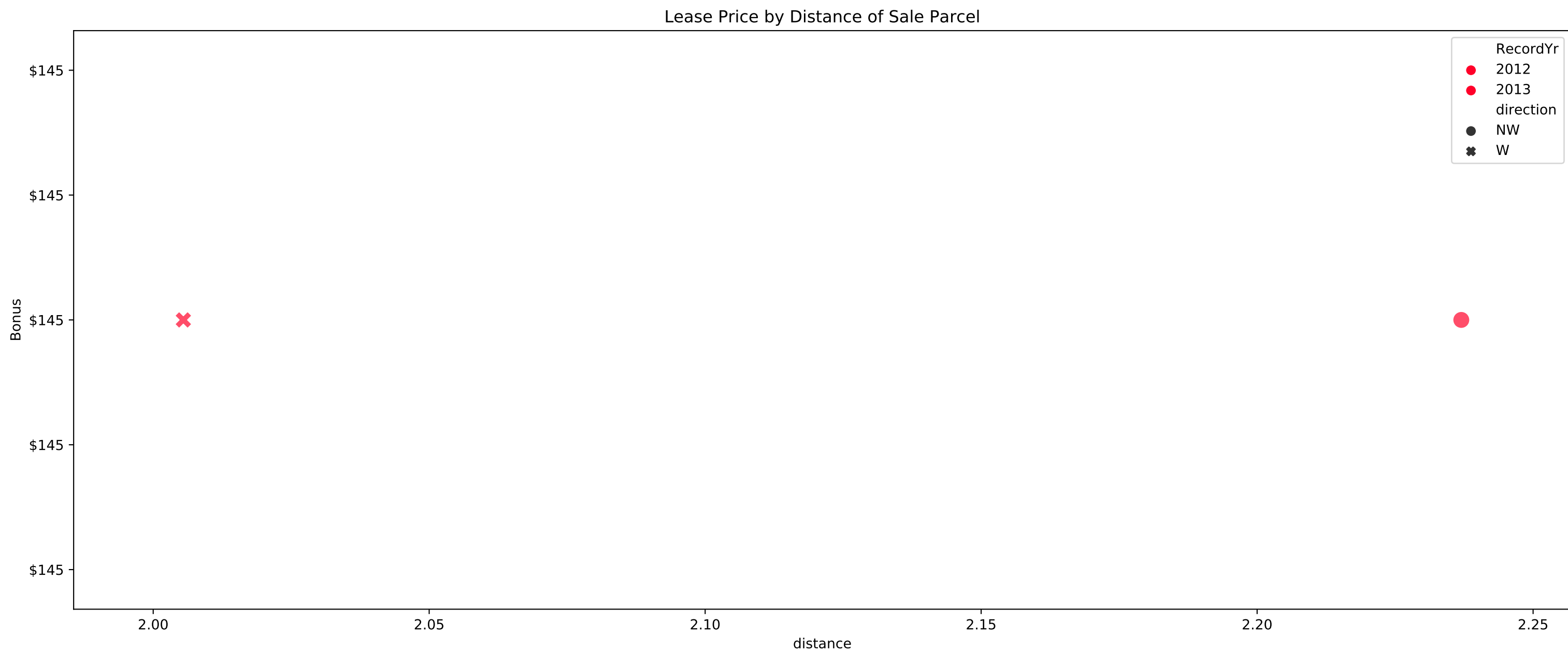
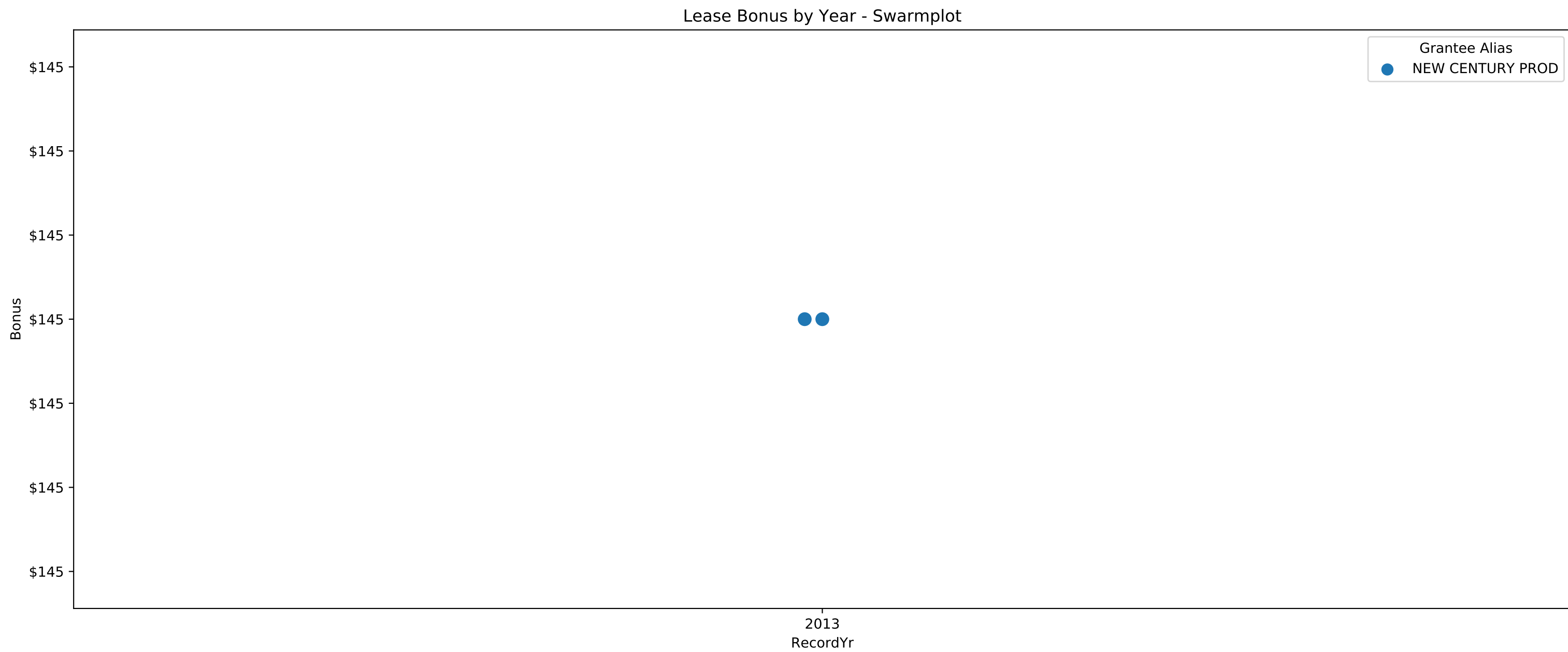
Permit Horizontal Lengths - Binned



Production Dashboard for tract 122



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



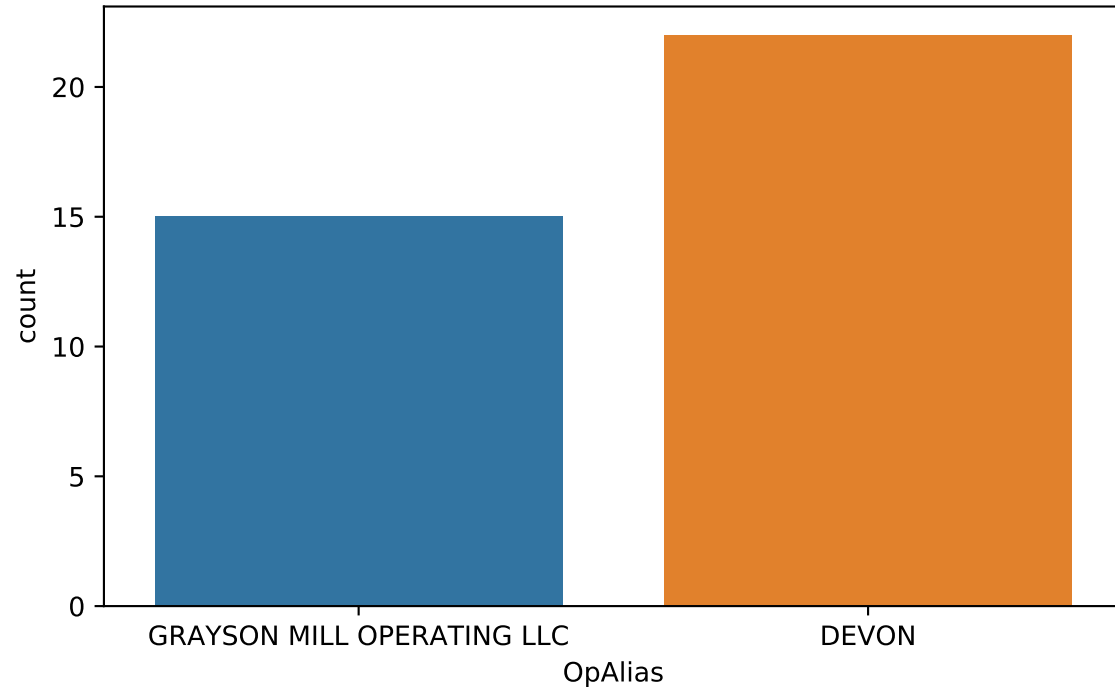
Permit Summary for Tract 42

Total permits: 37

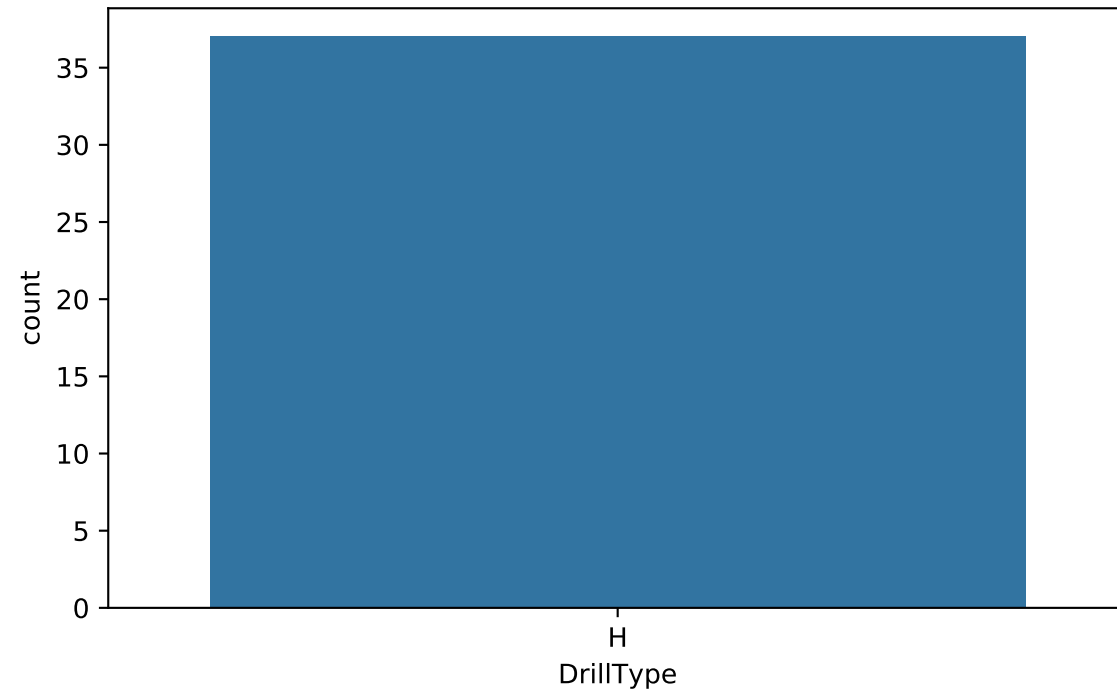
Permits by Well Status



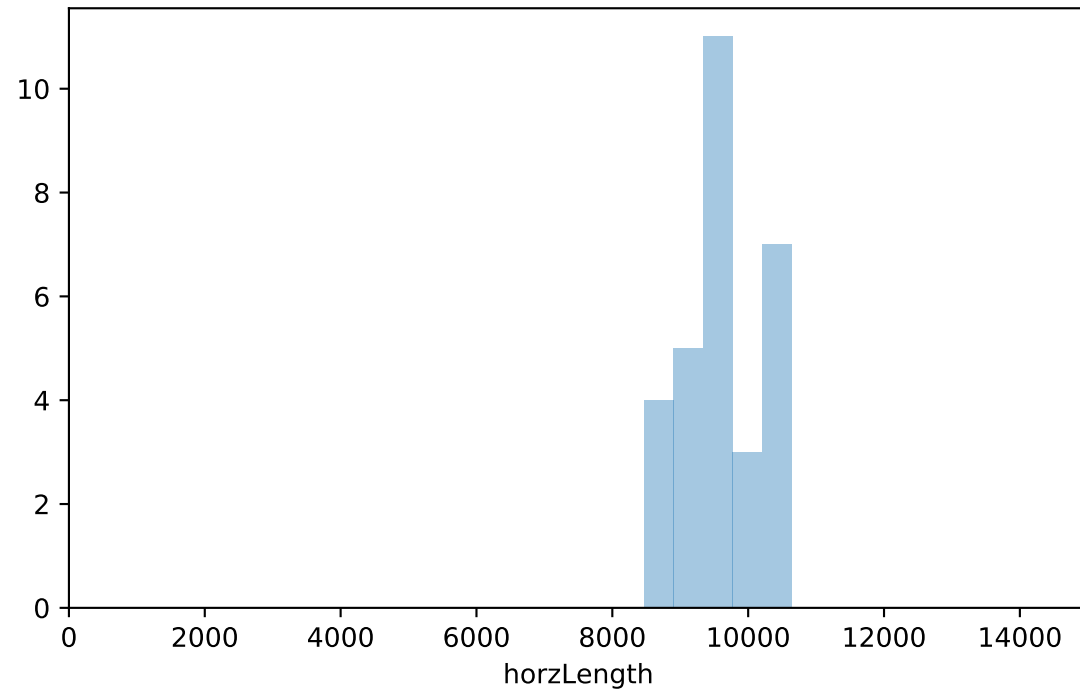
Permits by Operator



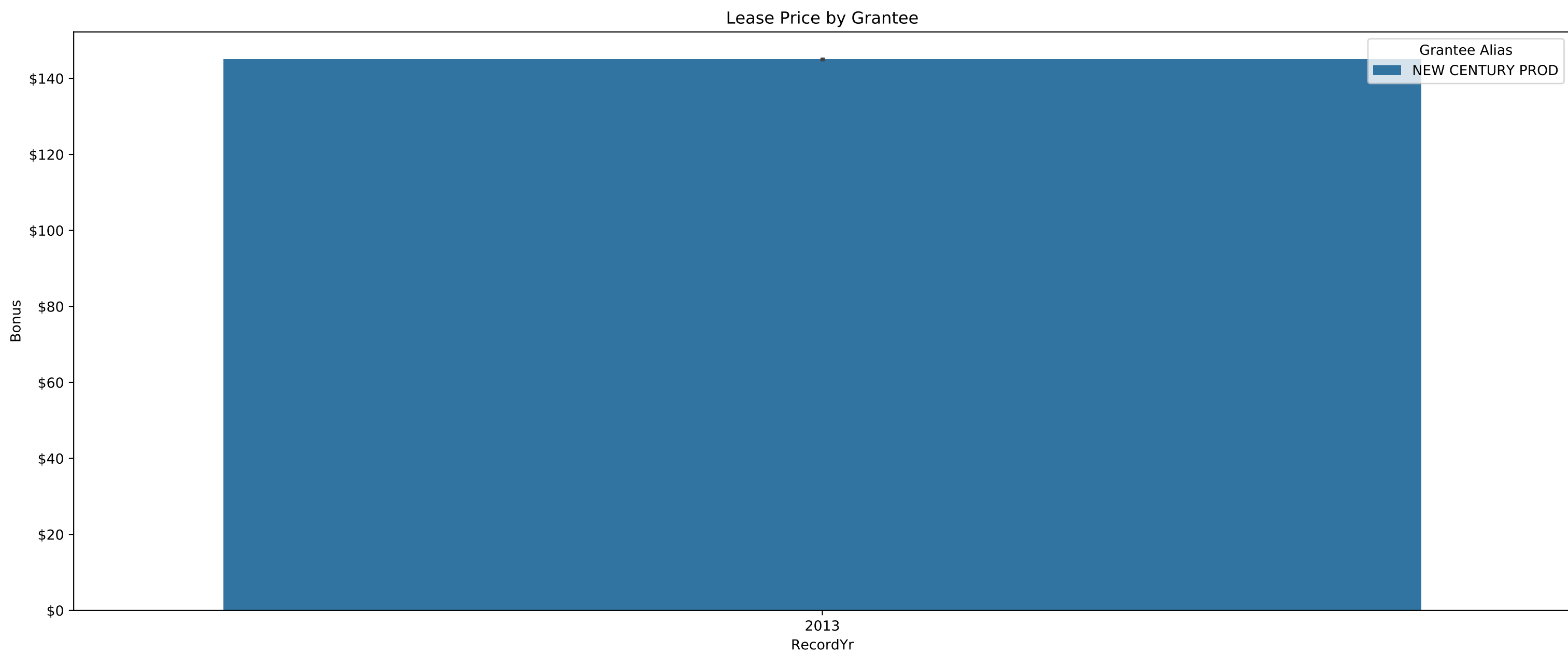
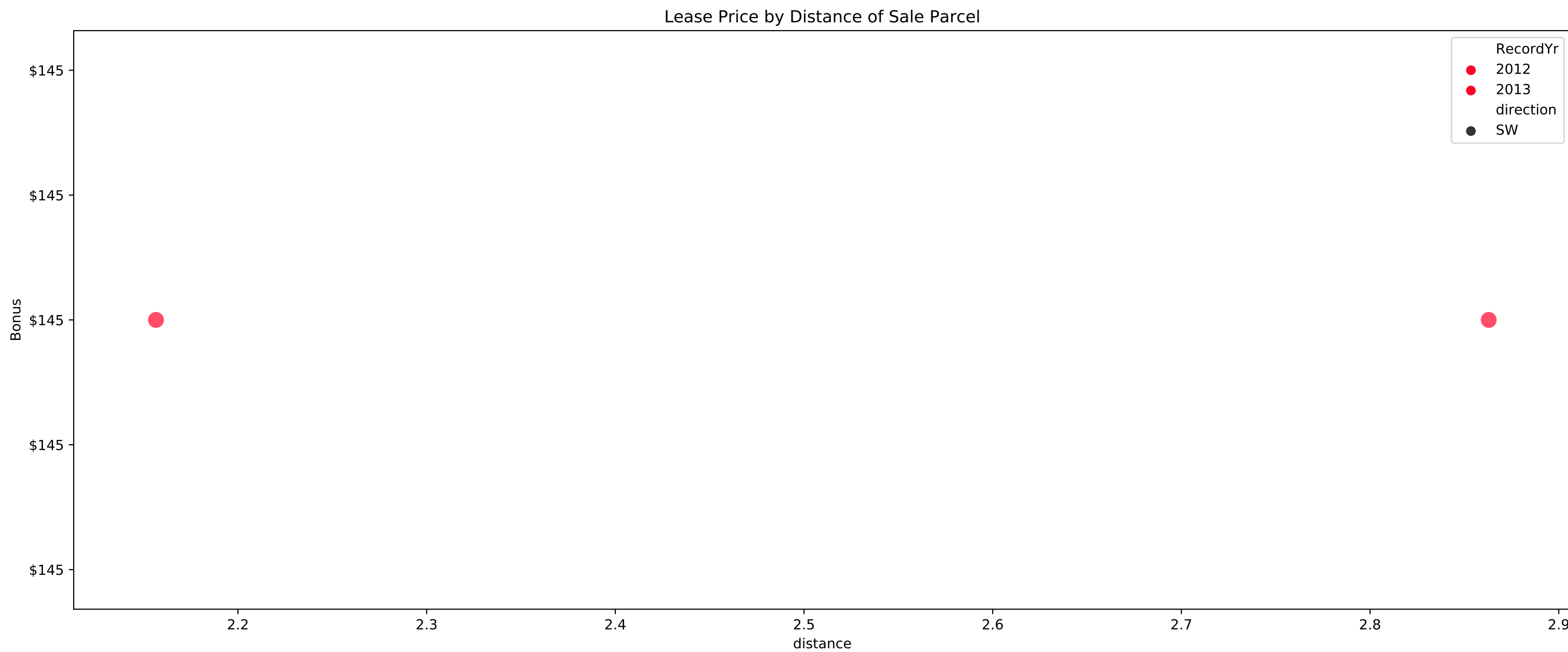
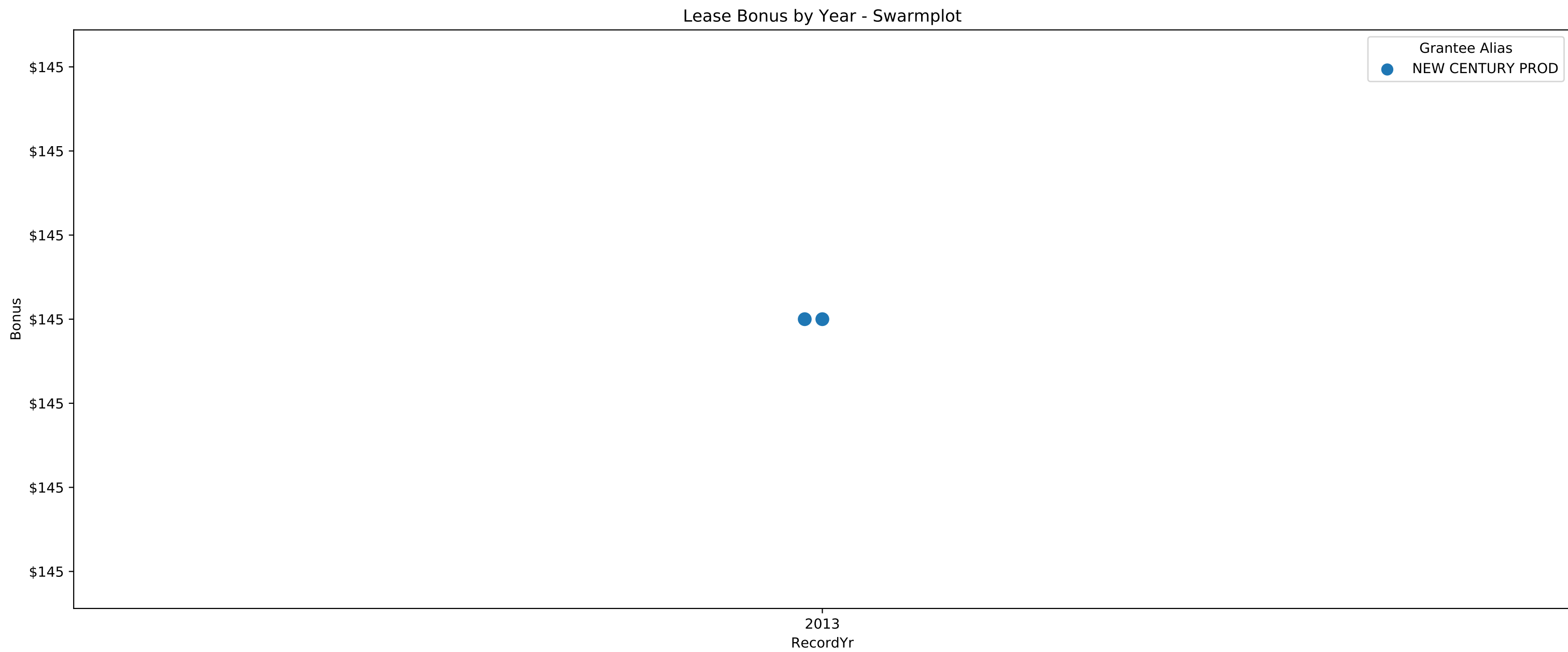
Permits by Well Type (H,D,V)



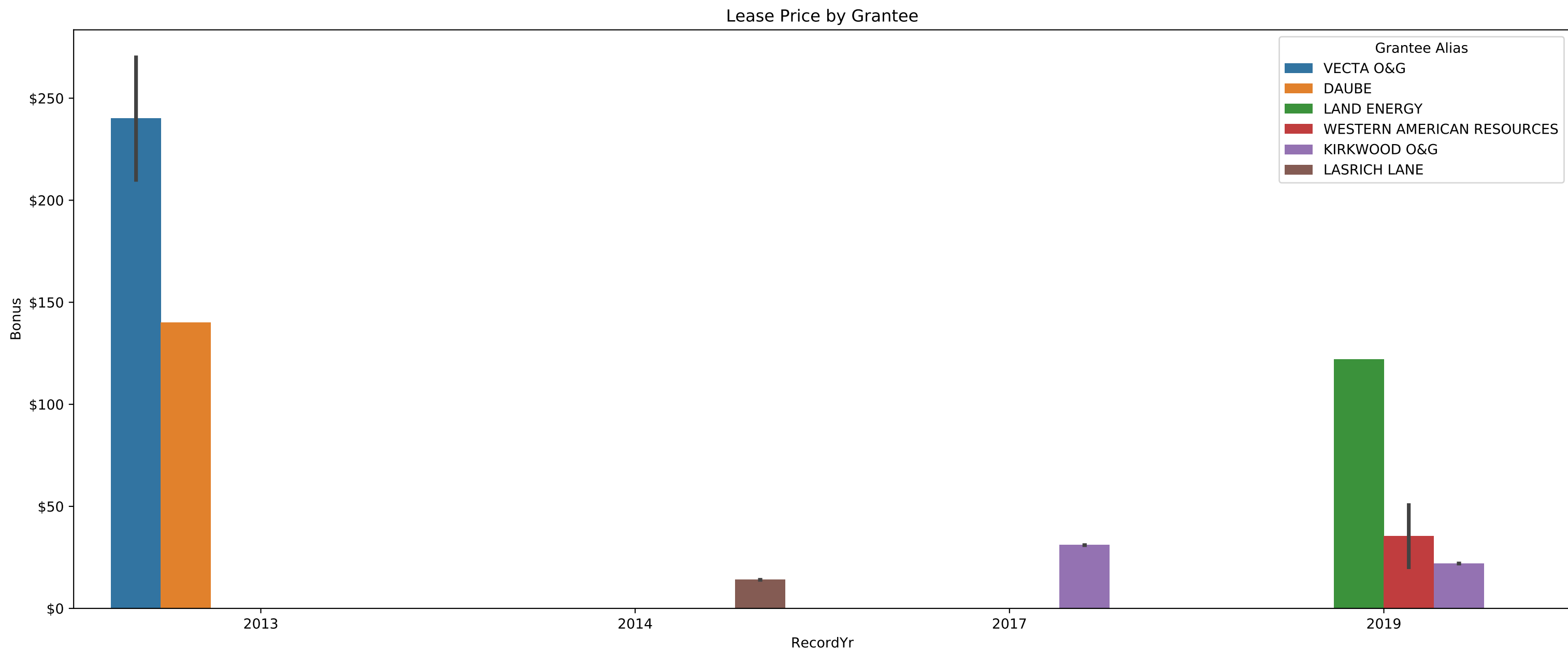
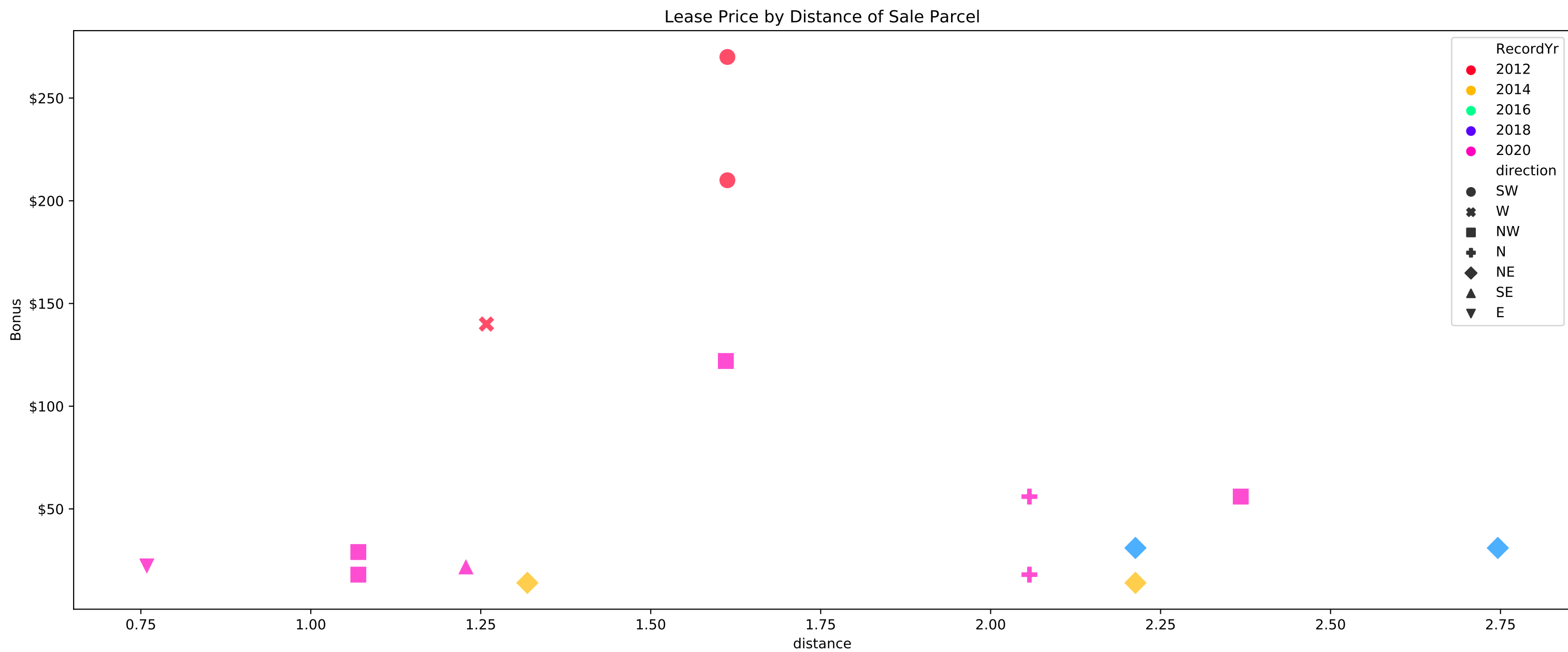
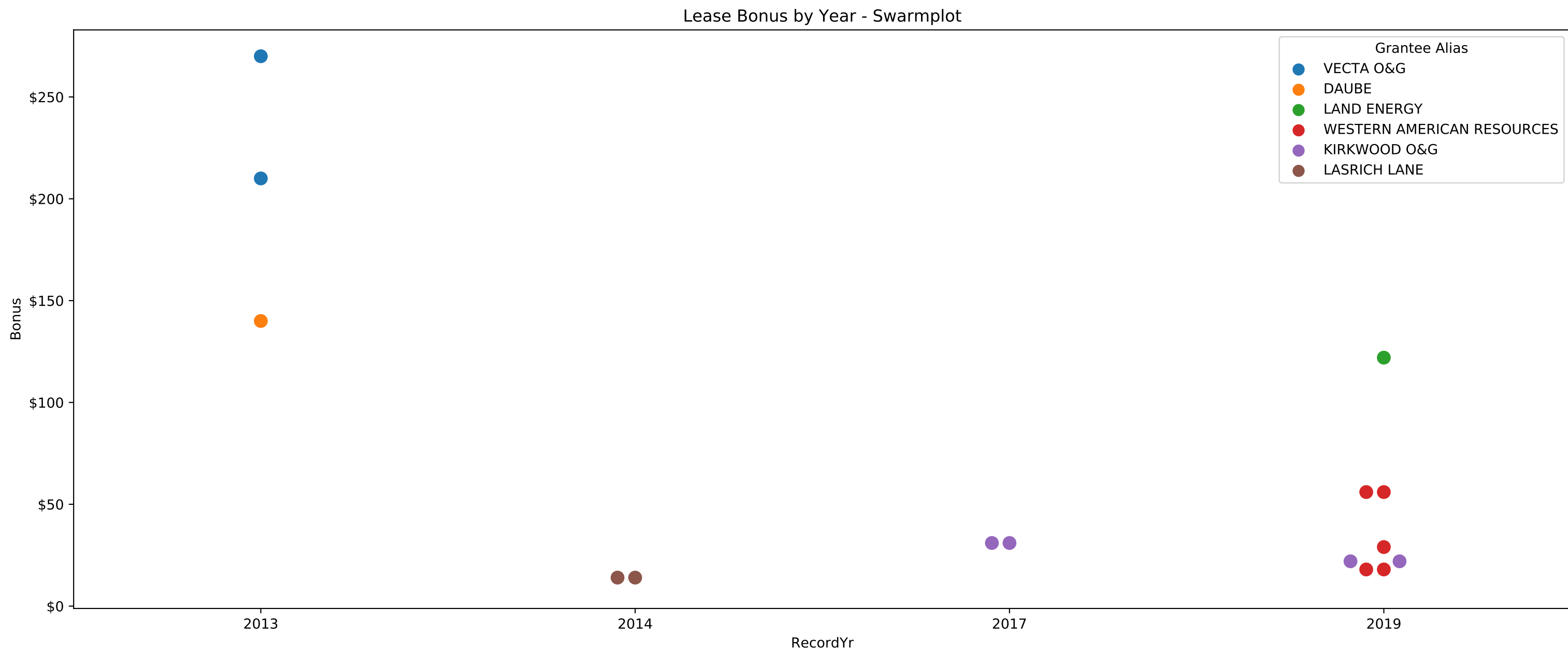
Permit Horizontal Lengths - Binned



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



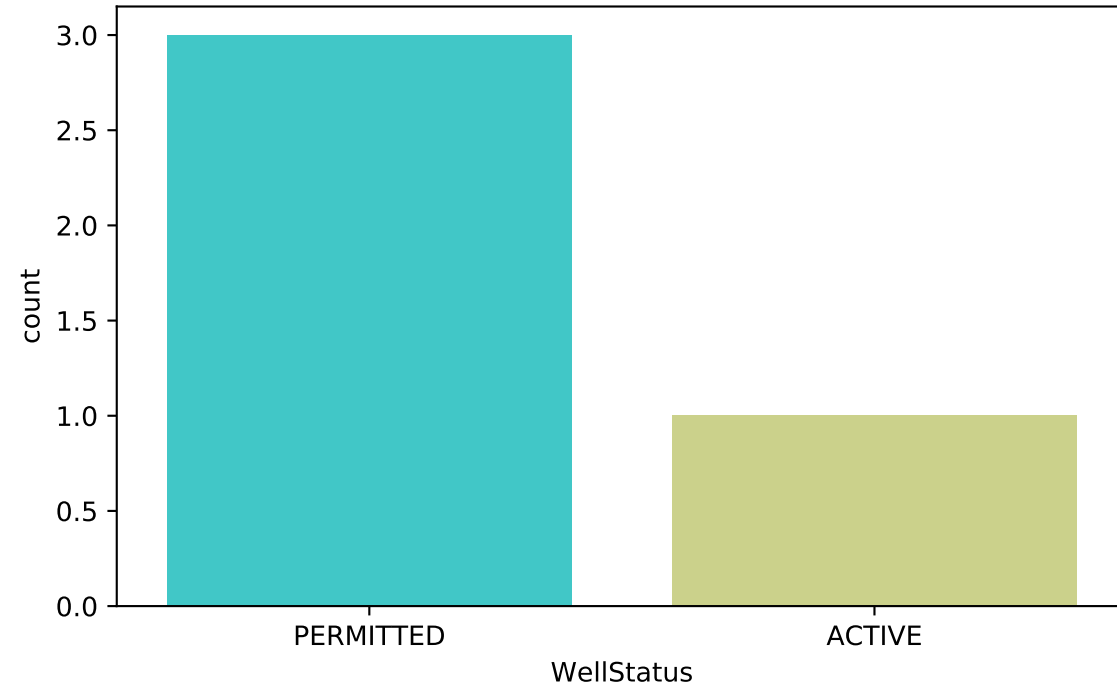
Lease Summary for tract 52
Total Number of Leases: 15
Average Price \$43/acre in 2019



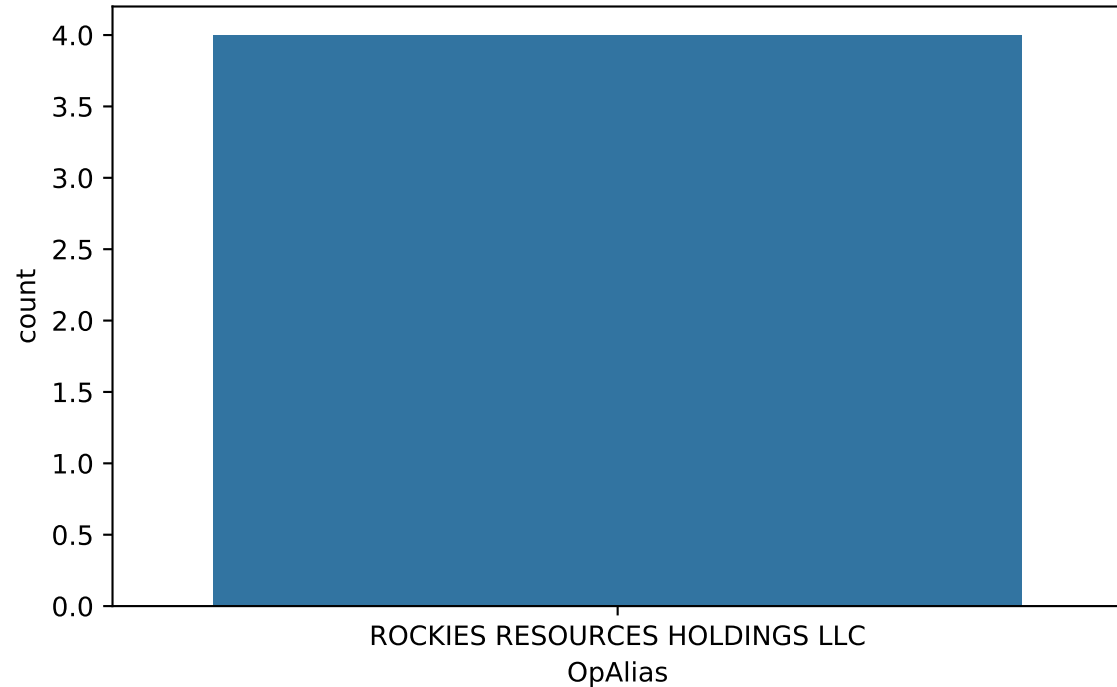
Permit Summary for Tract 50

Total permits: 4

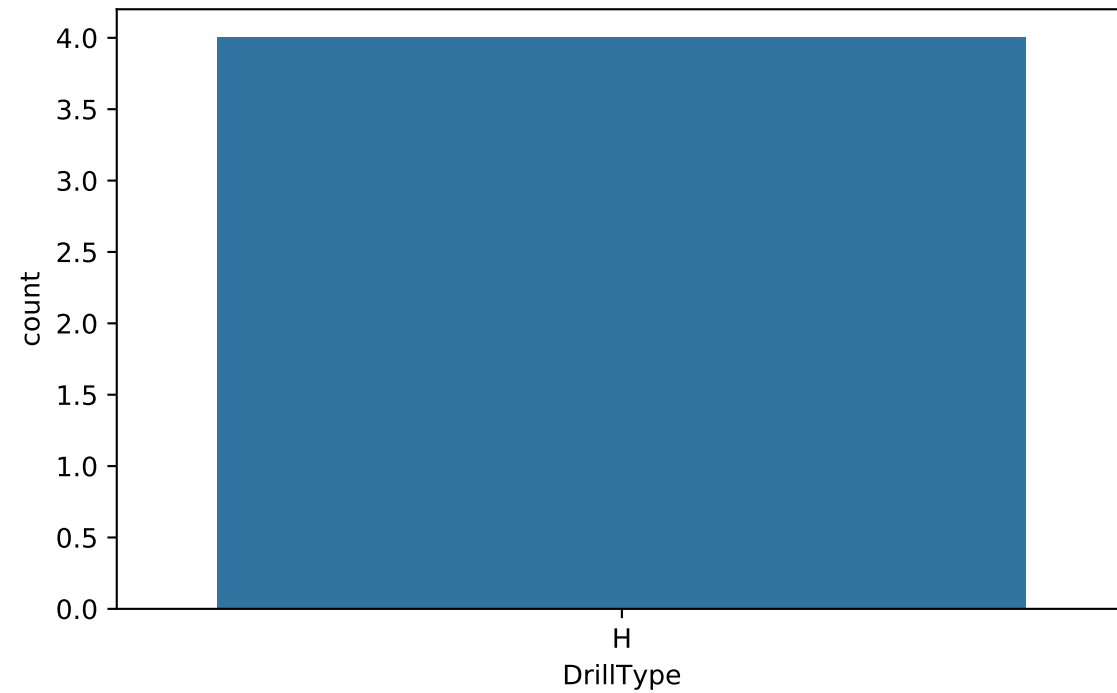
Permits by Well Status



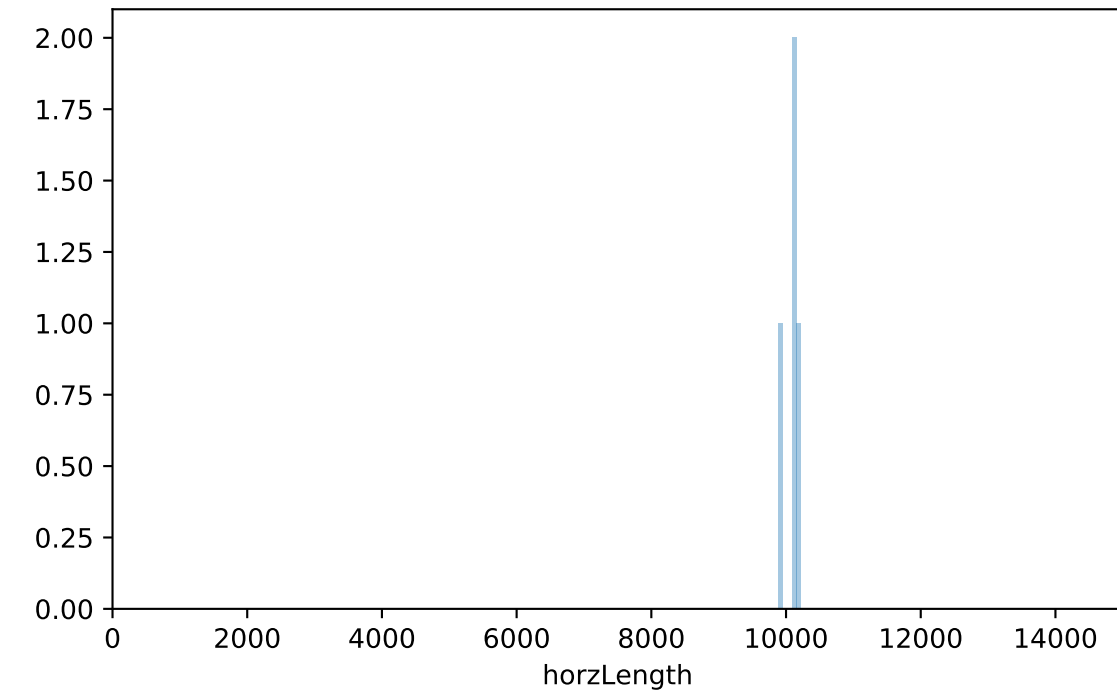
Permits by Operator



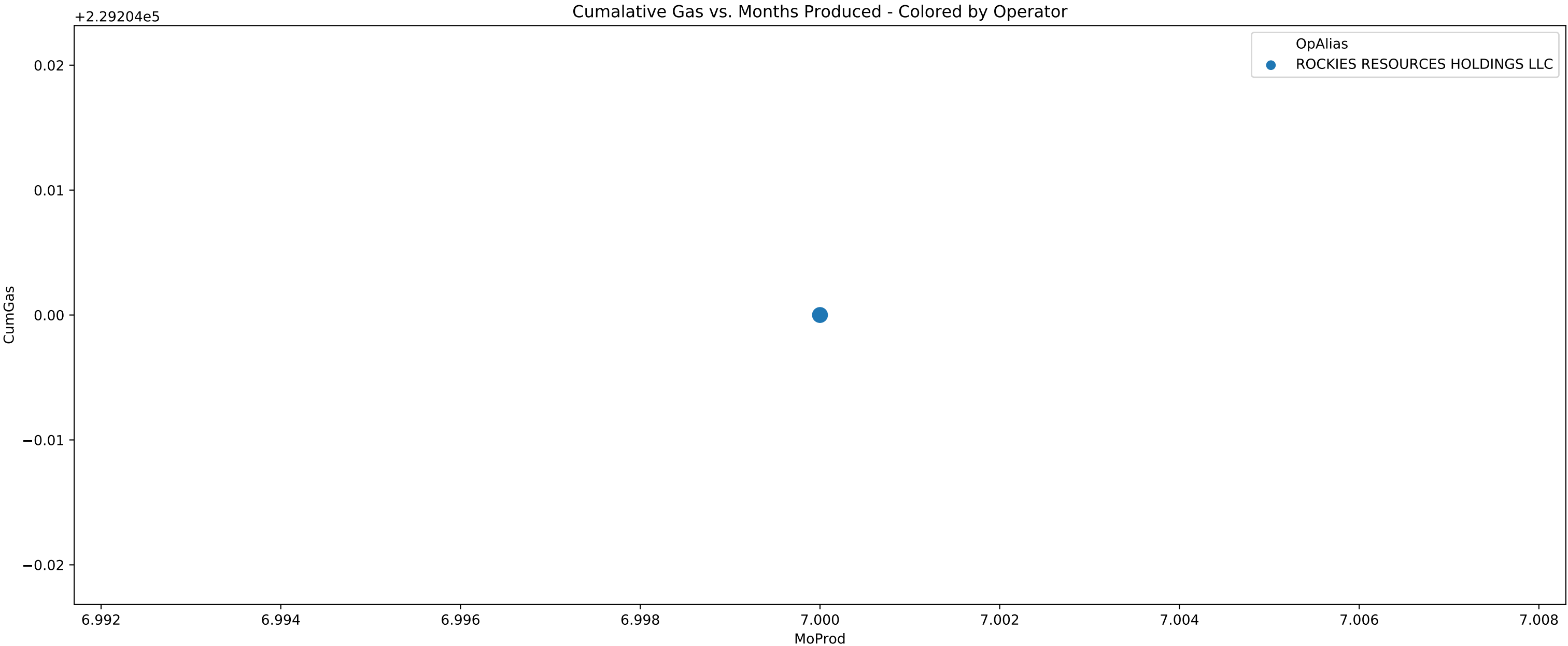
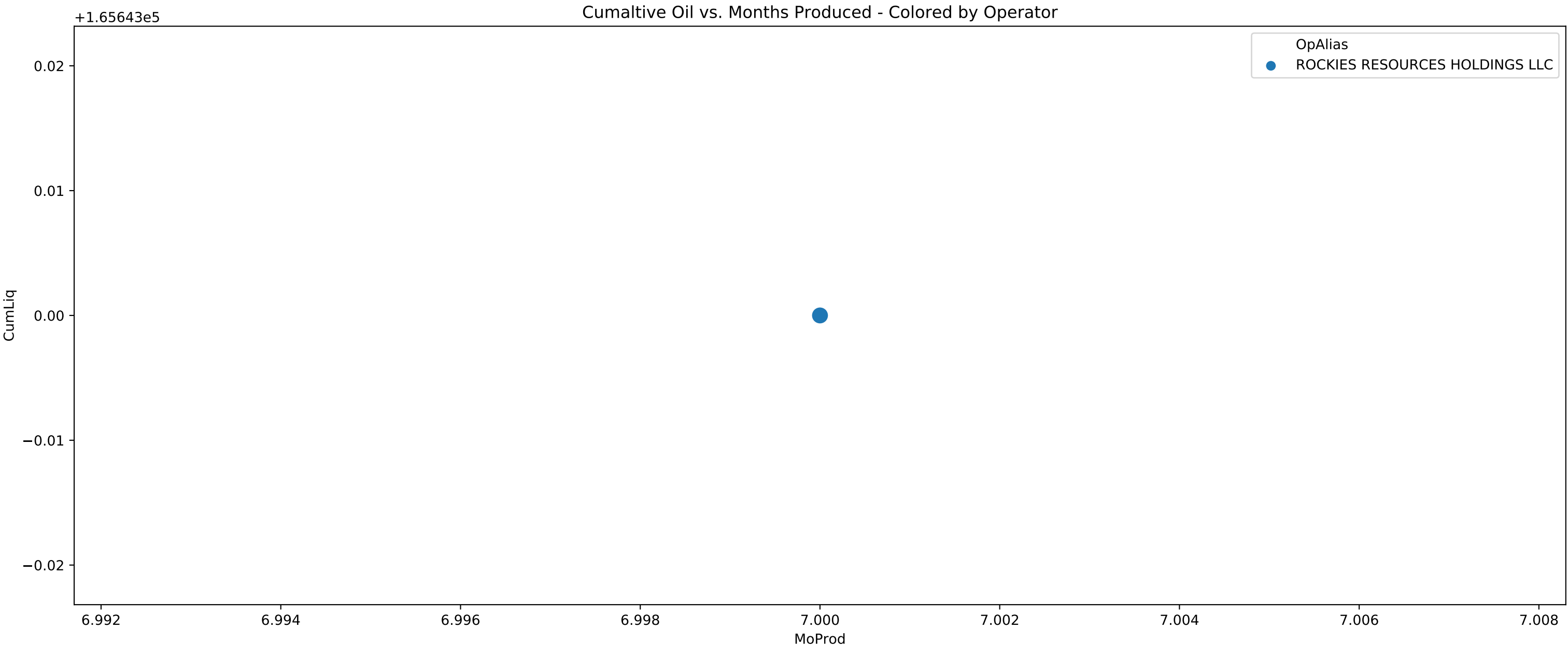
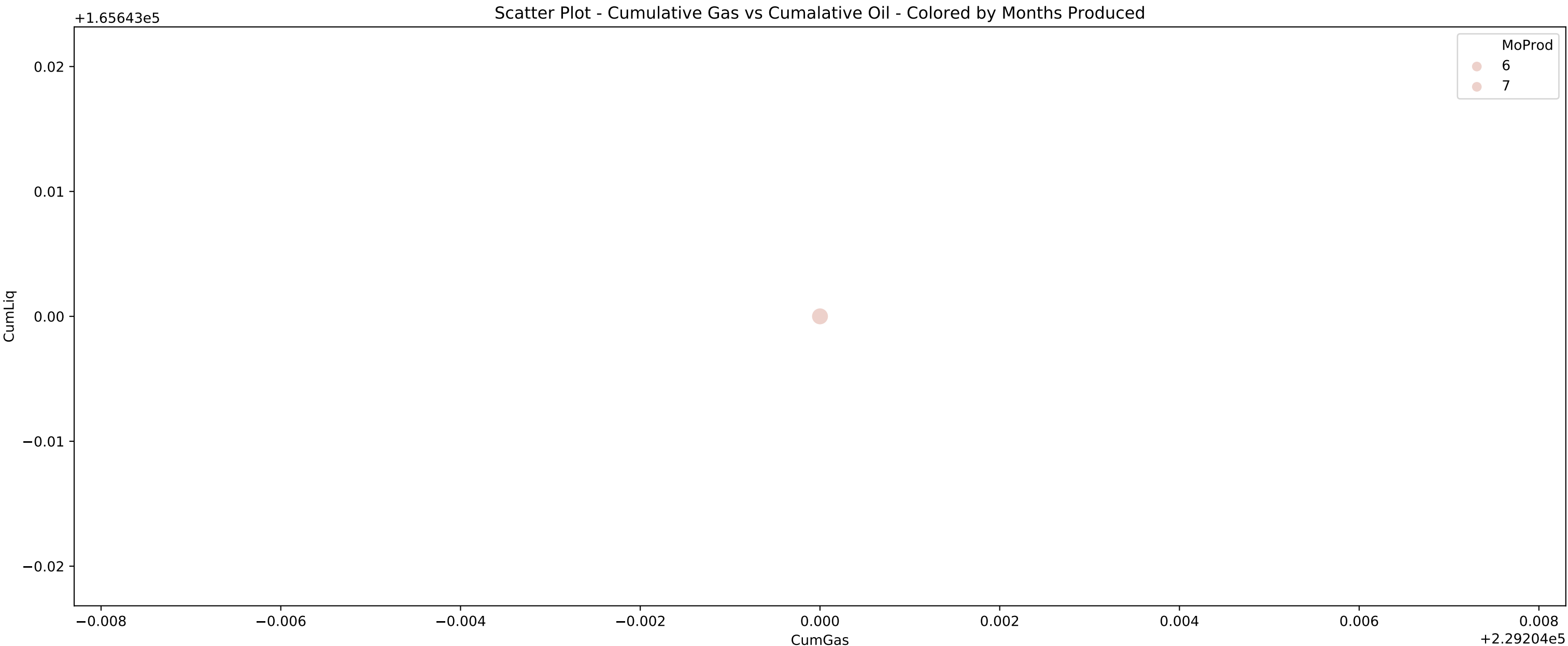
Permits by Well Type (H,D,V)



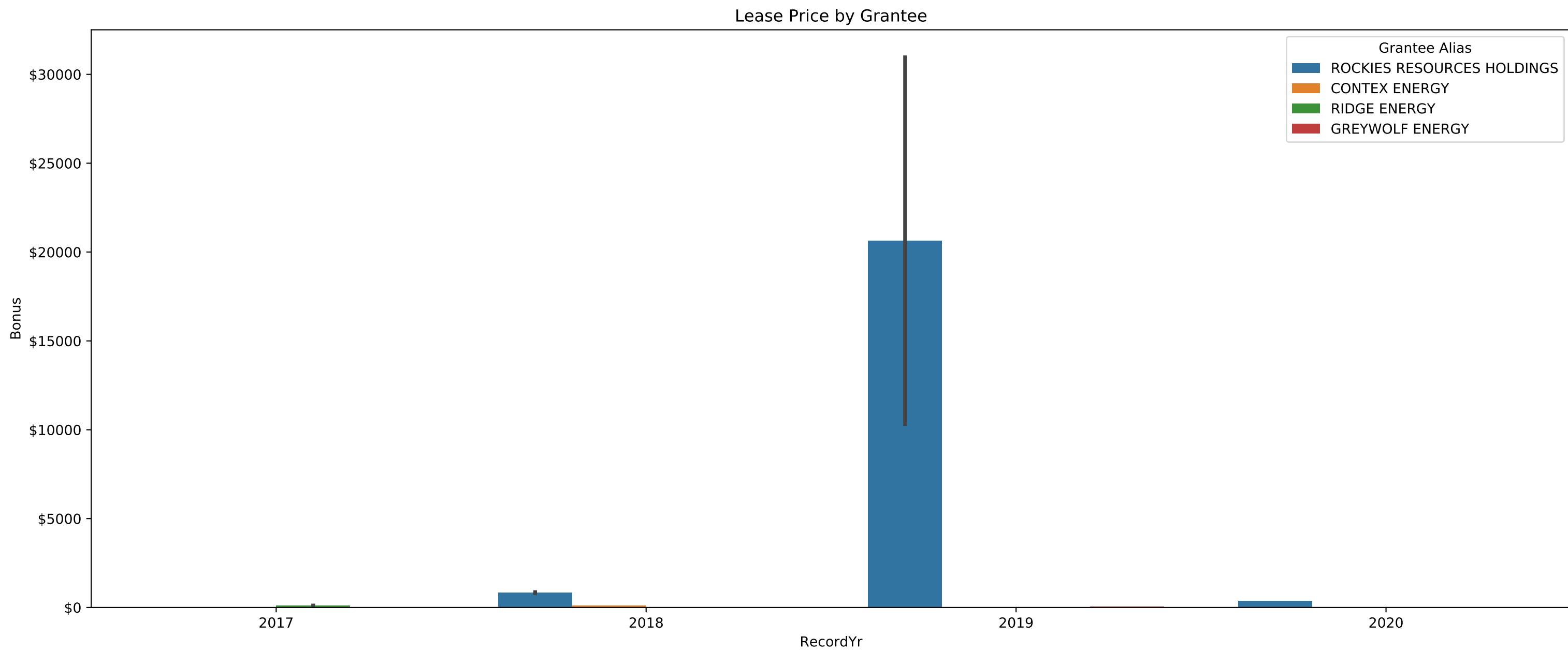
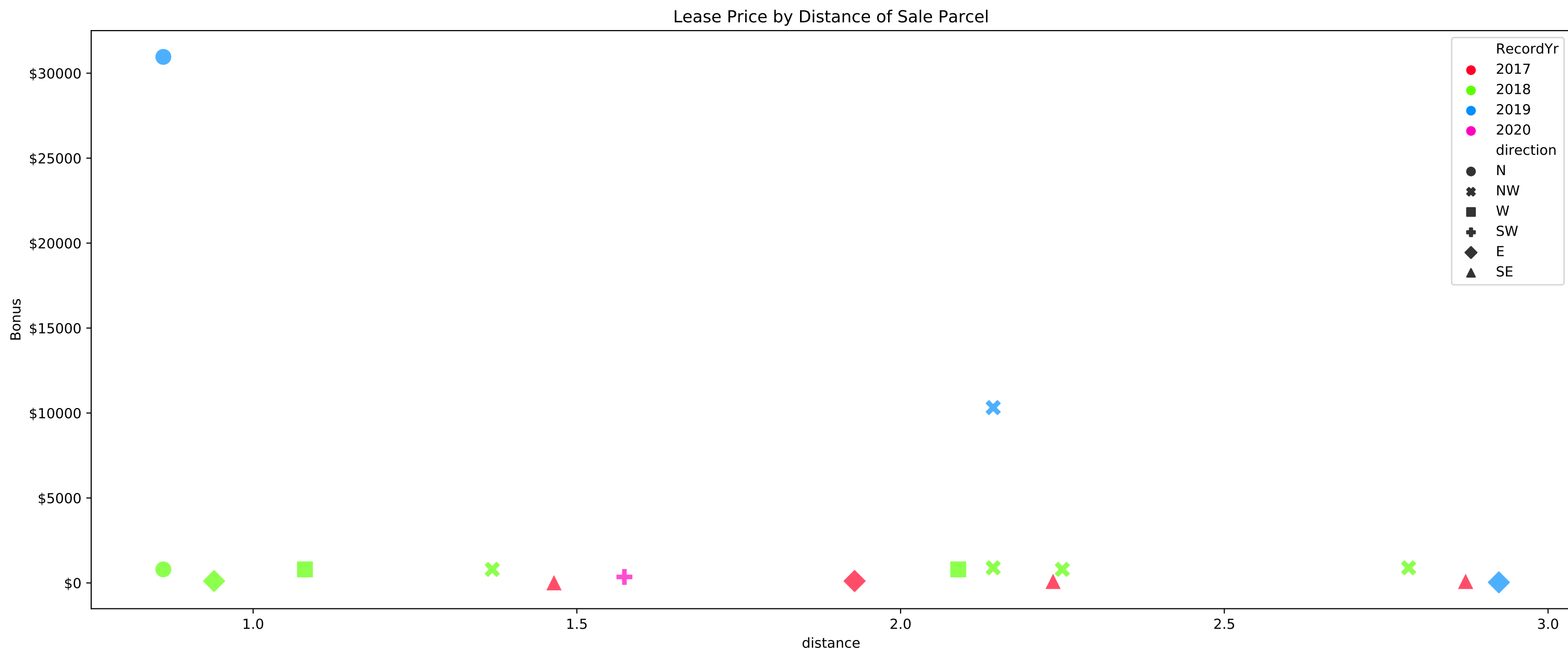
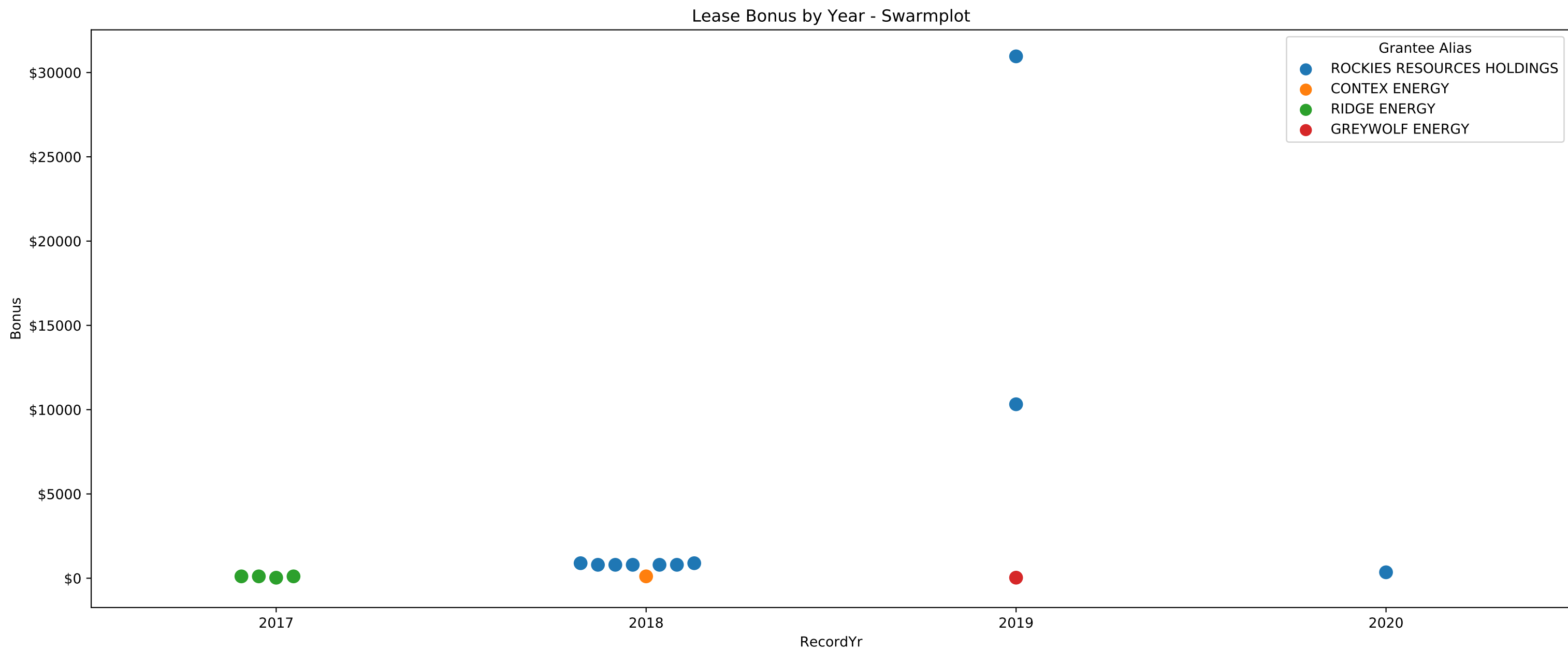
Permit Horizontal Lengths - Binned



Production Dashboard for tract 50



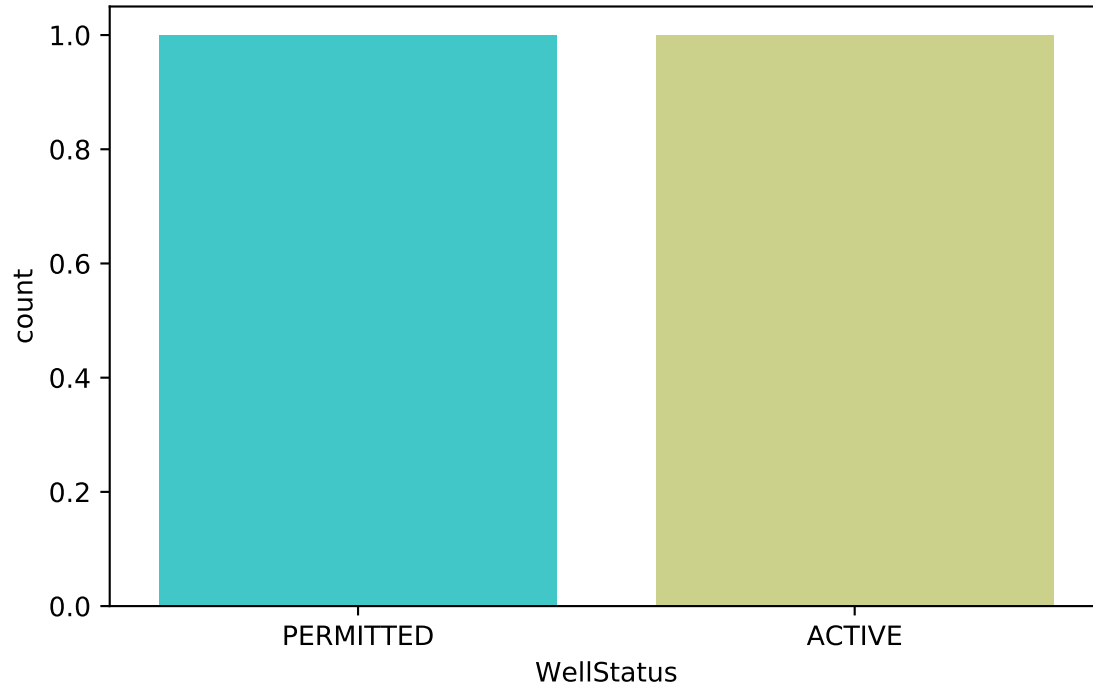
Lease Summary for tract 50
Total Number of Leases: 16
Average Price \$352/acre in 2020



Permit Summary for Tract 49

Total permits: 2

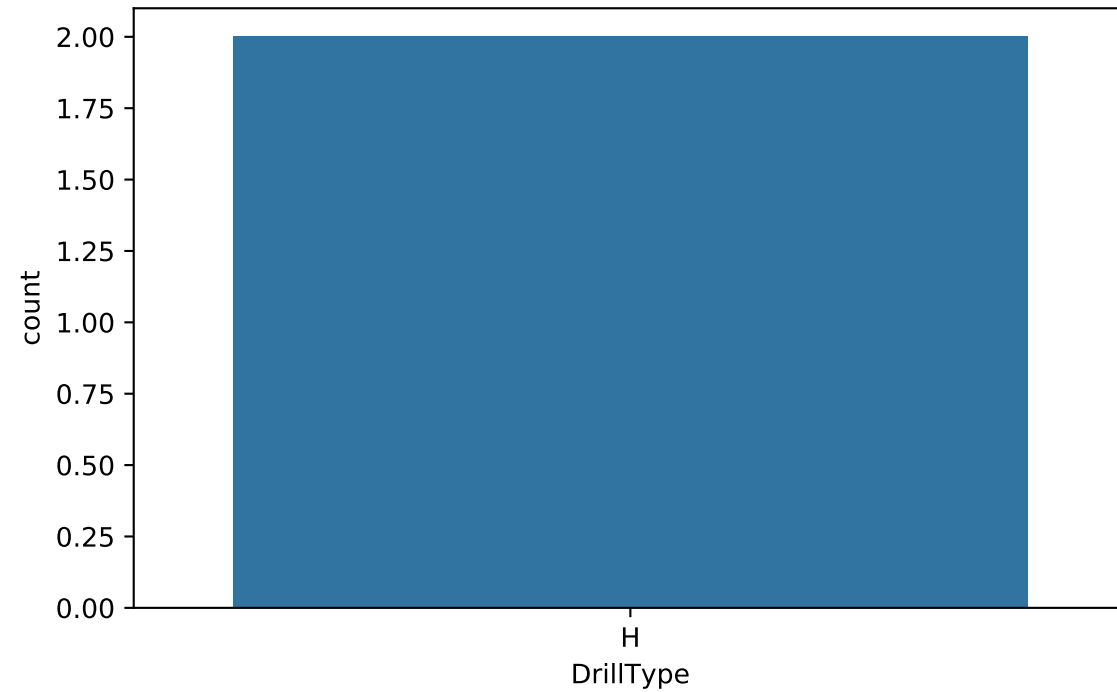
Permits by Well Status



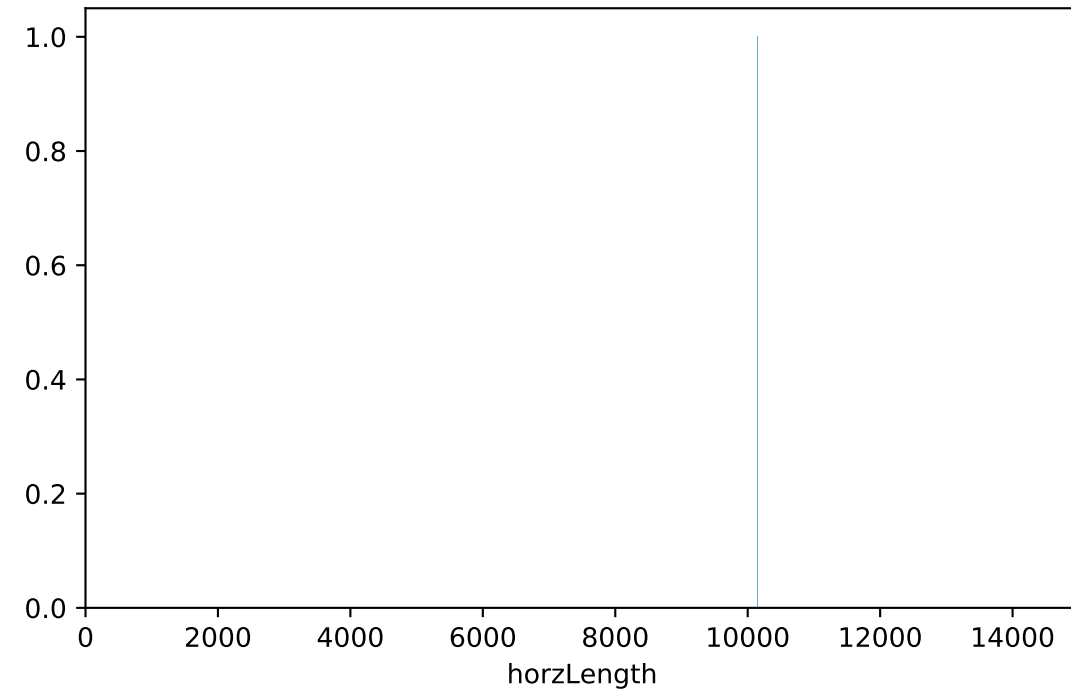
Permits by Operator



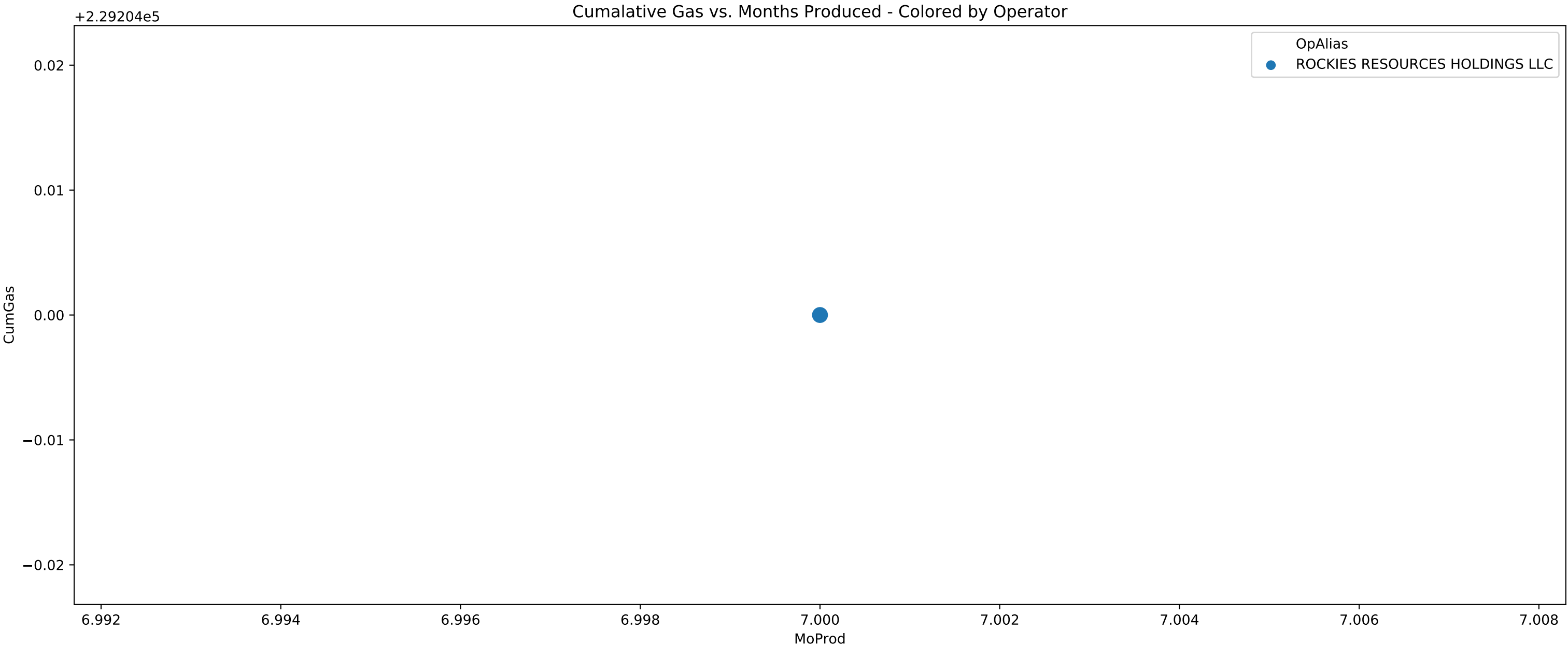
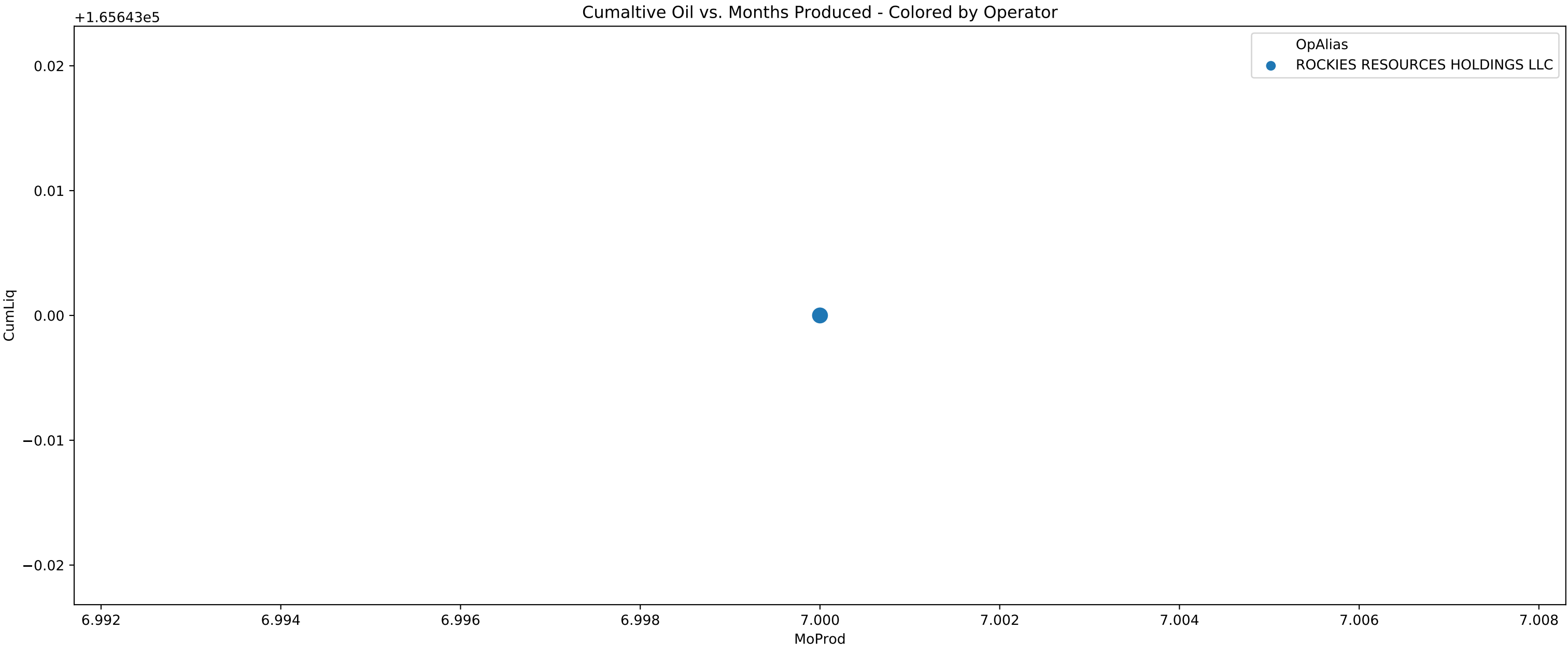
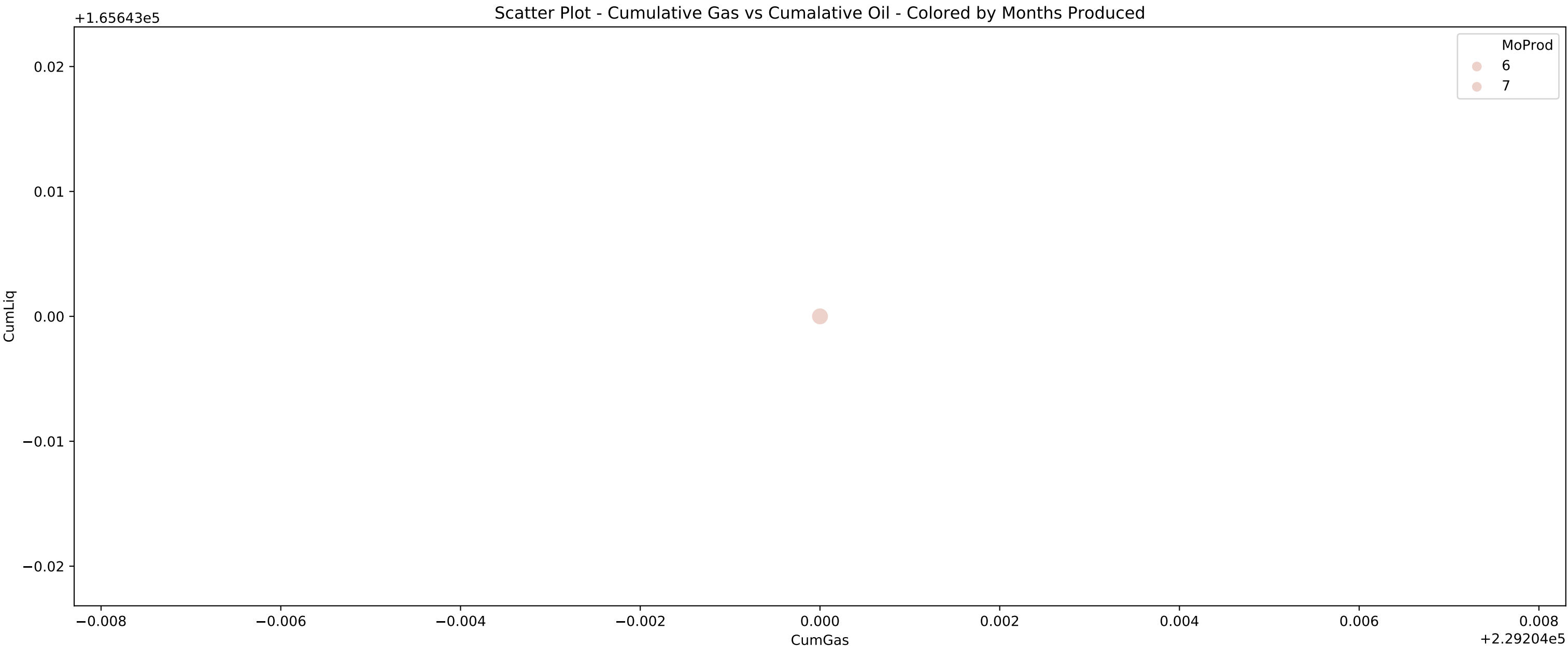
Permits by Well Type (H,D,V)



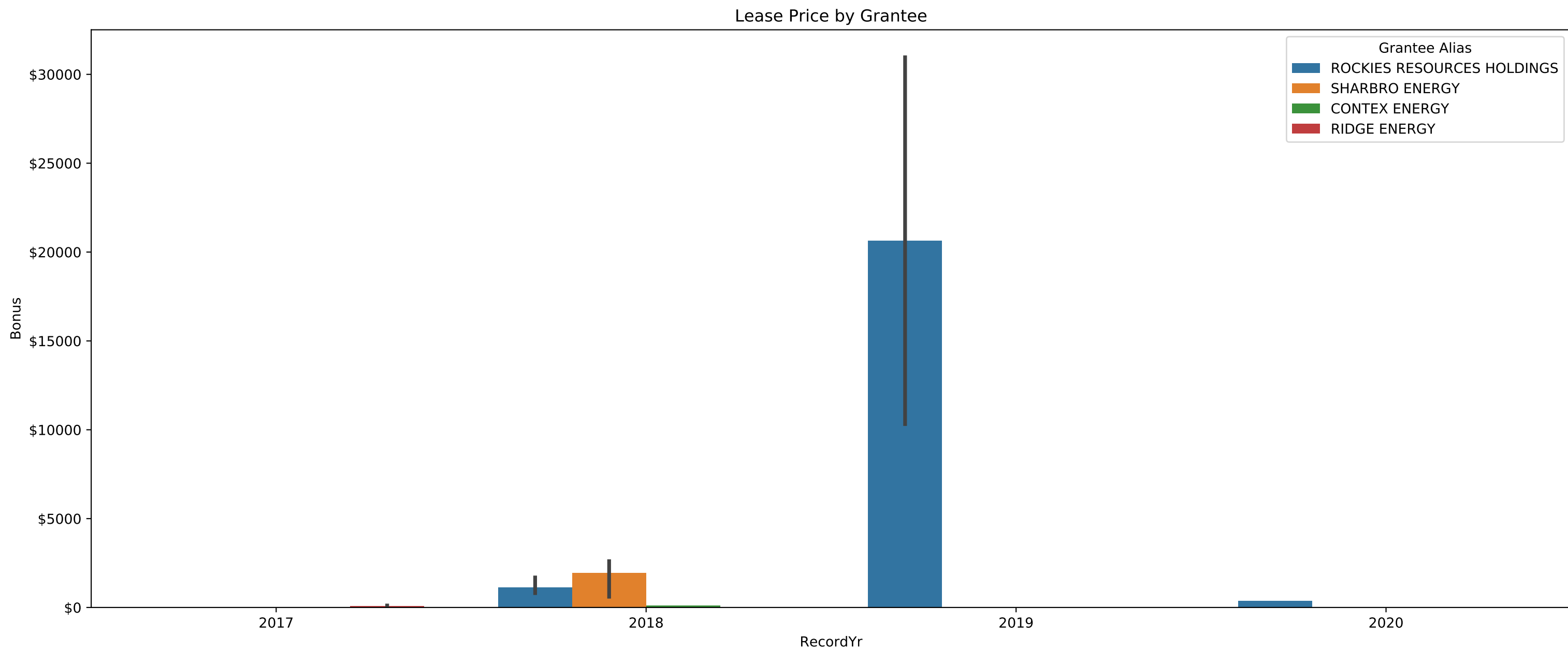
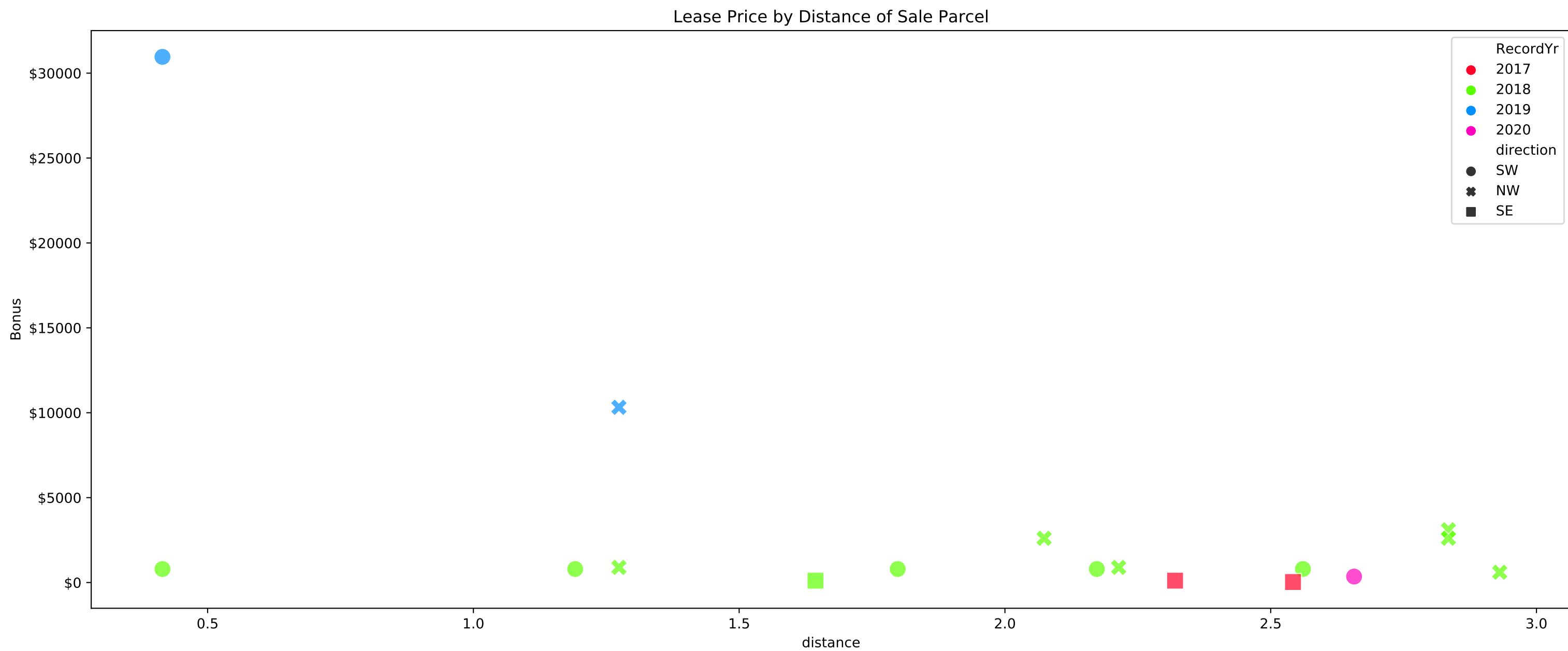
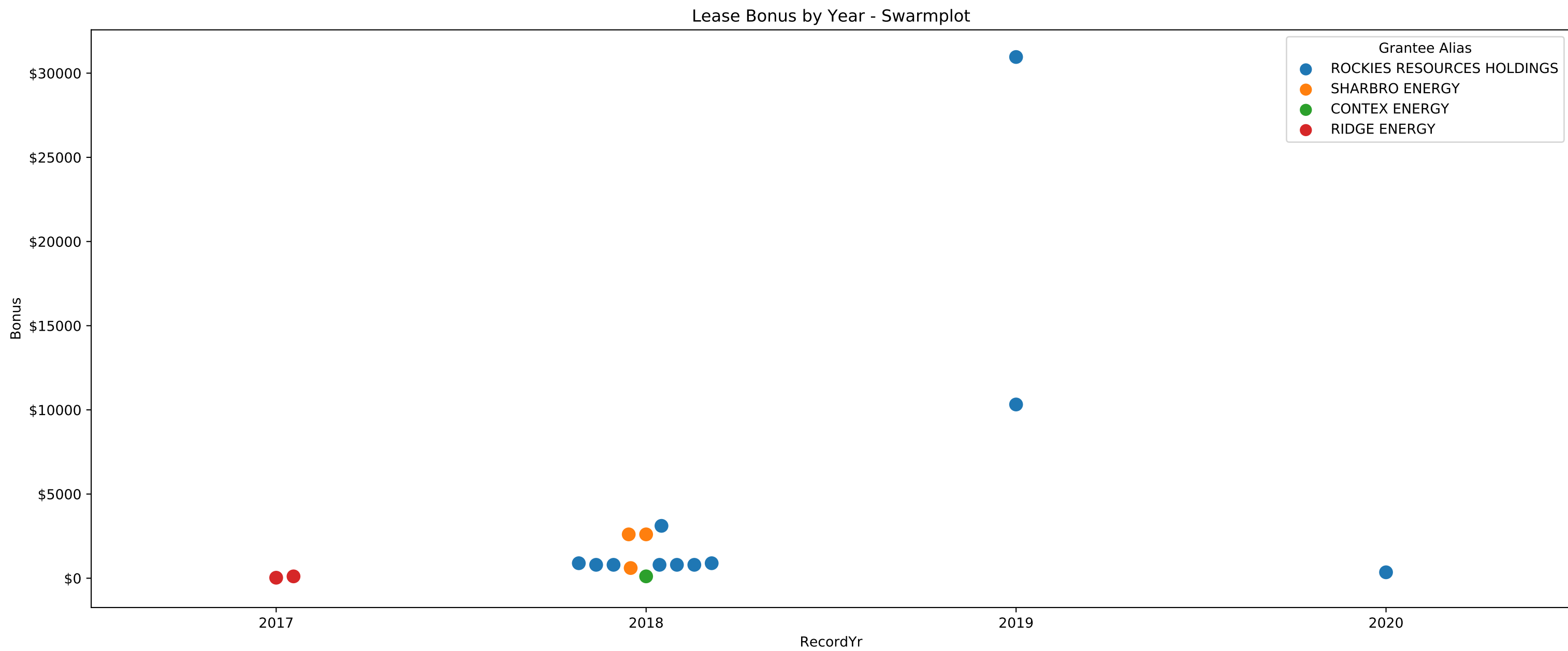
Permit Horizontal Lengths - Binned



Production Dashboard for tract 49



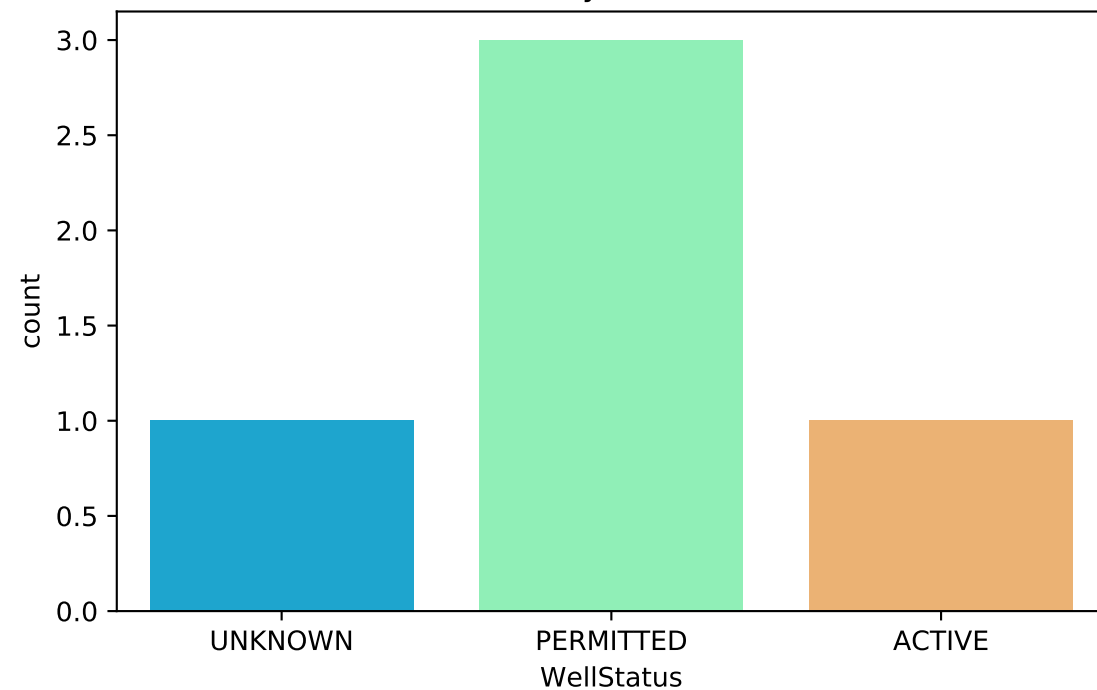
Lease Summary for tract 49
Total Number of Leases: 17
Average Price \$352/acre in 2020



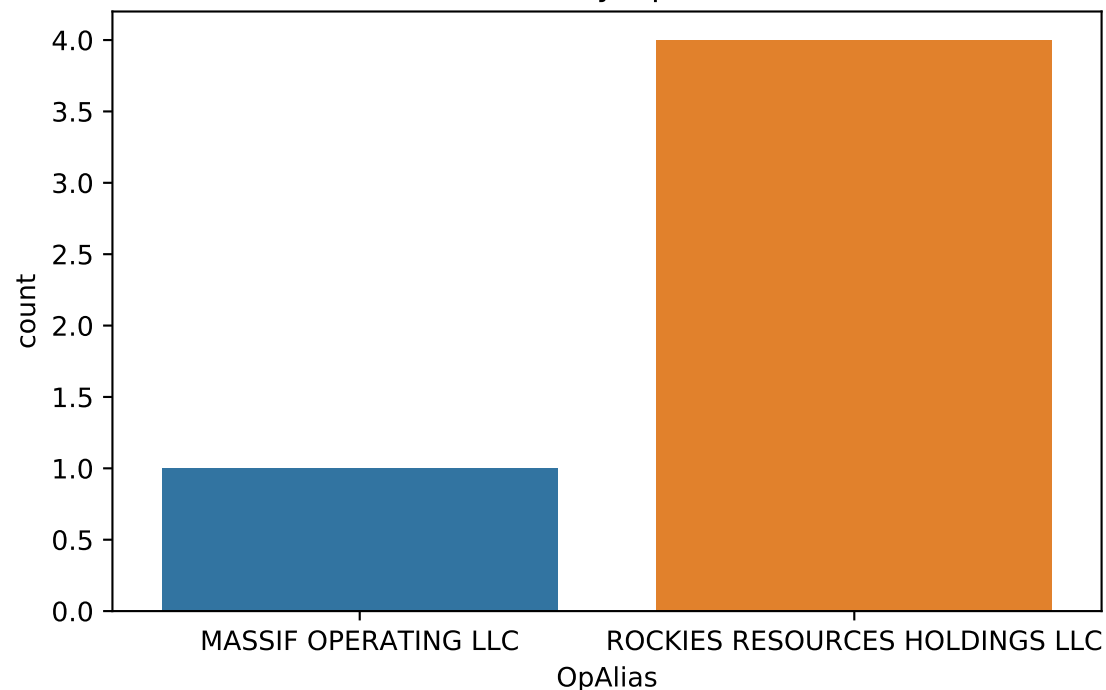
Permit Summary for Tract 47

Total permits: 5

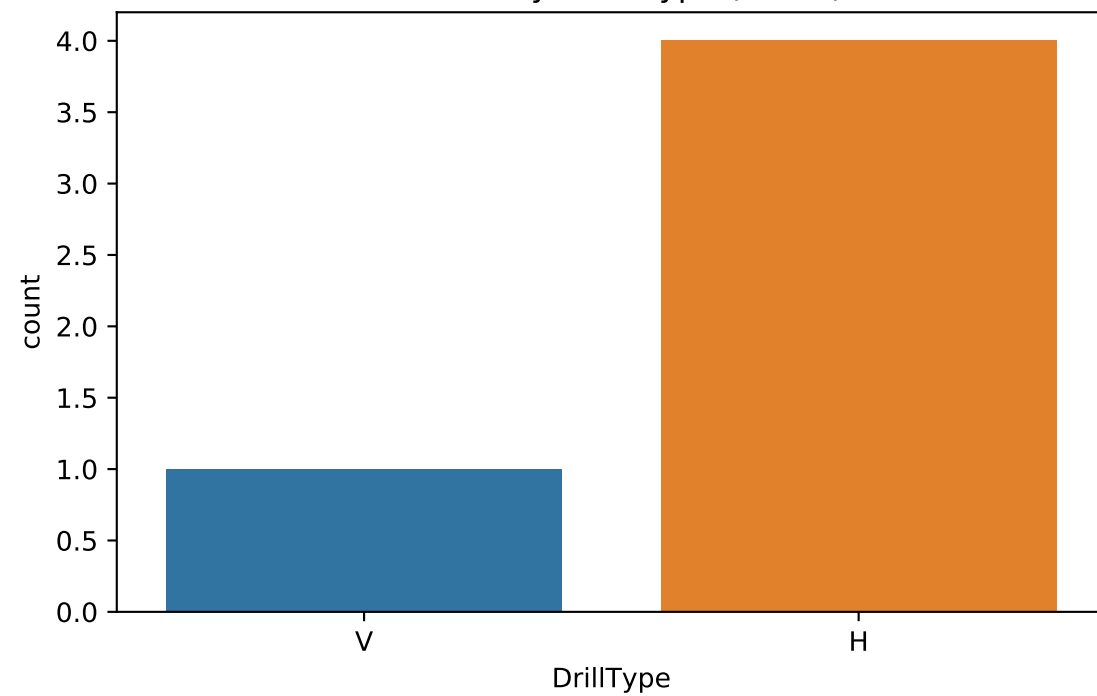
Permits by Well Status



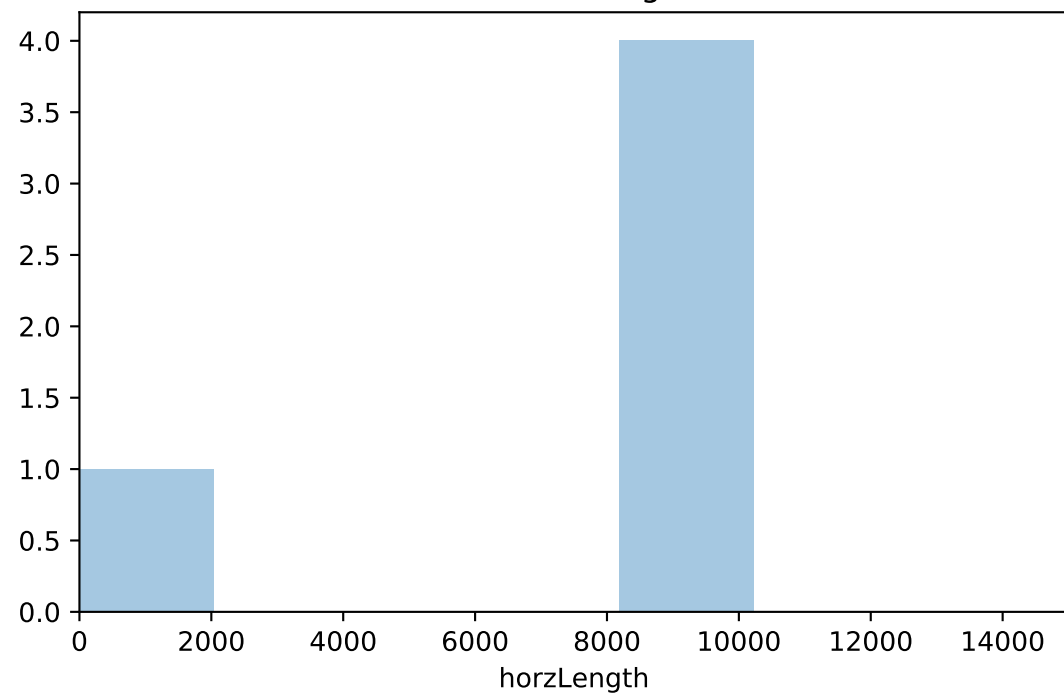
Permits by Operator



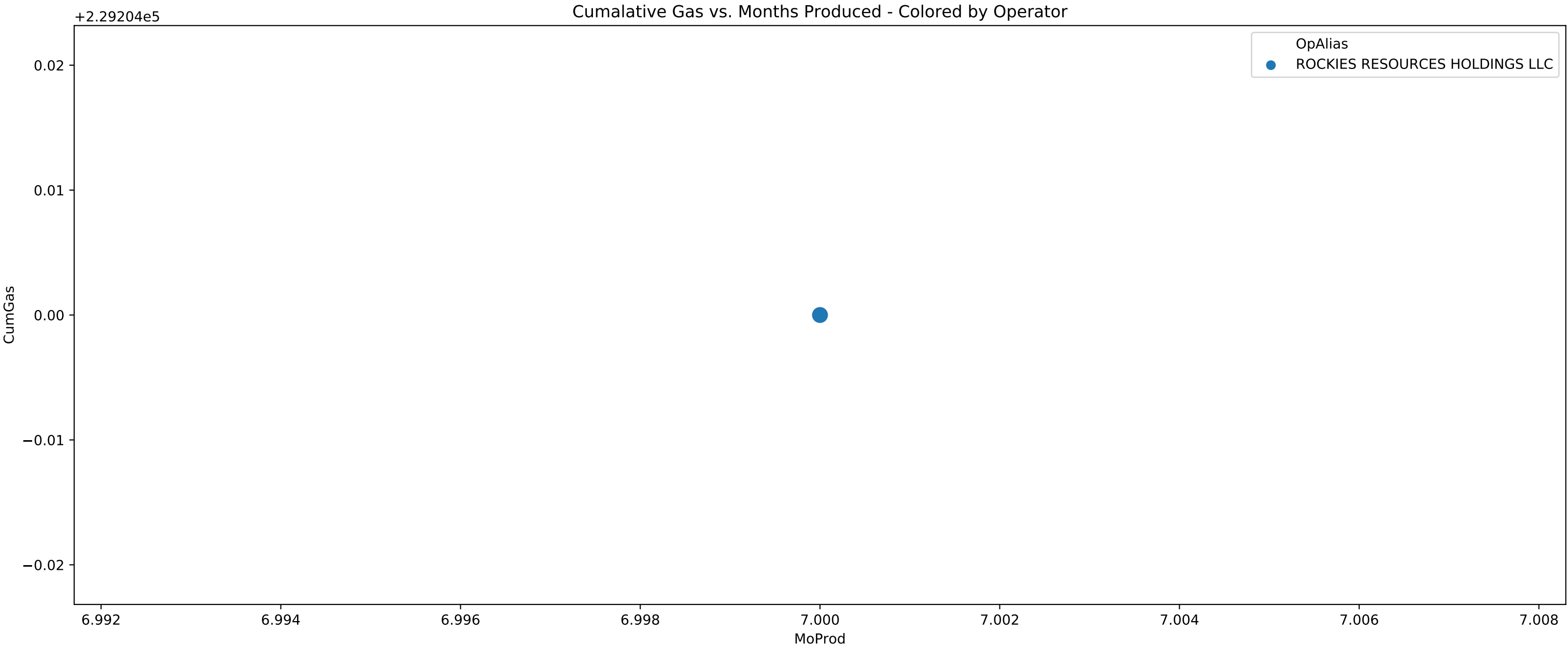
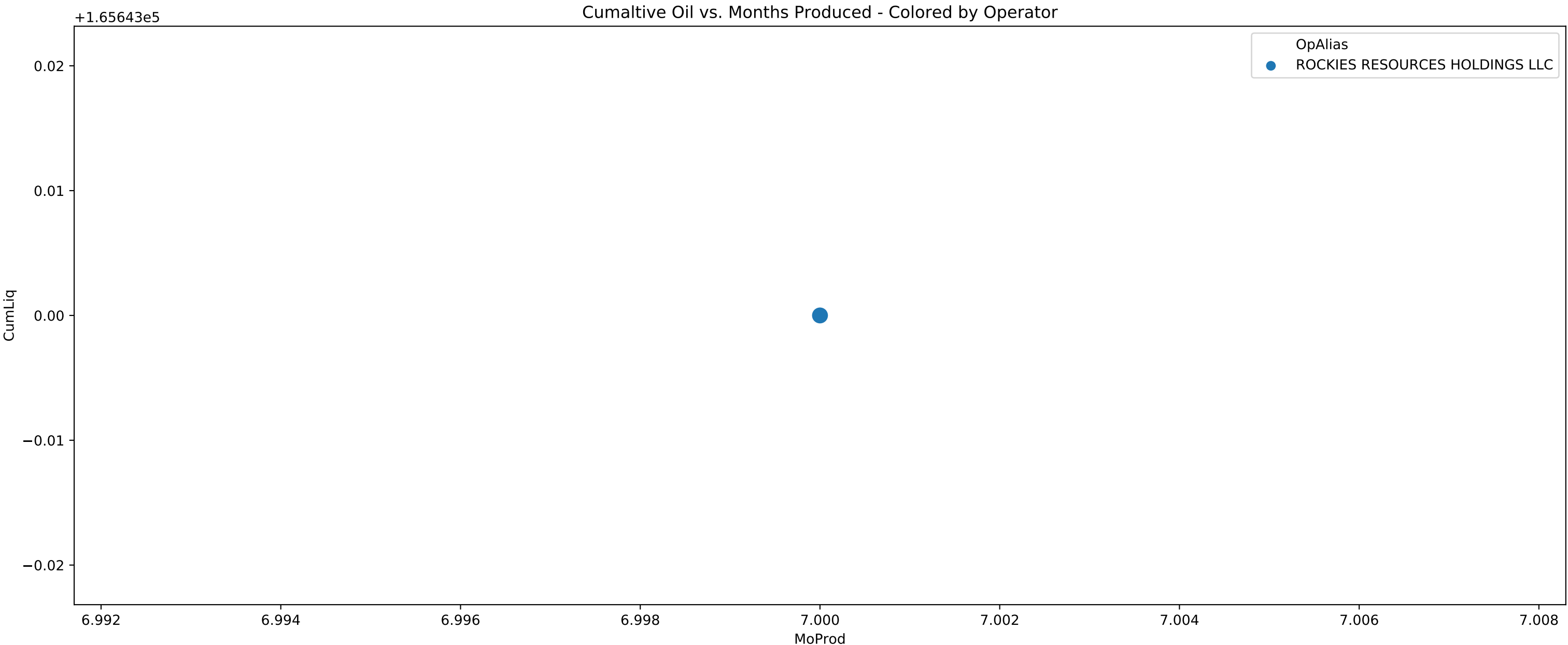
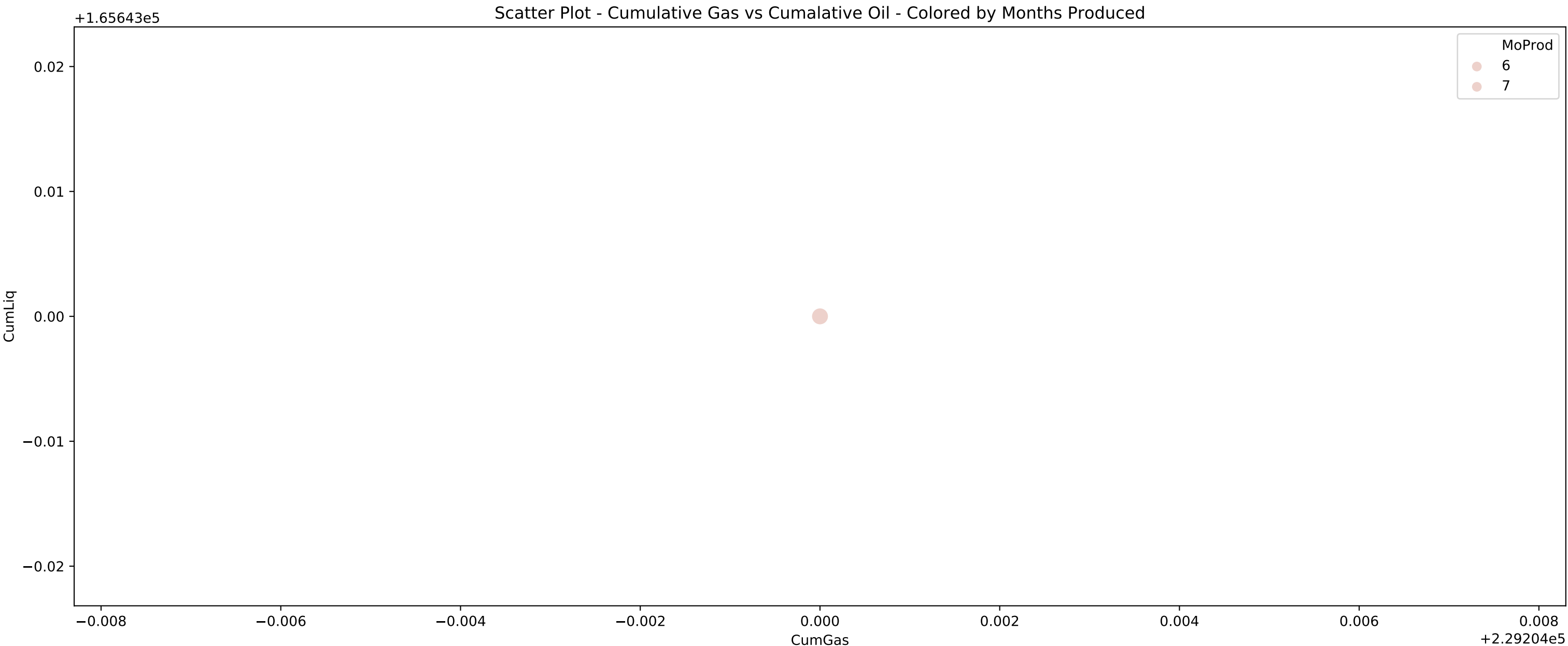
Permits by Well Type (H,D,V)



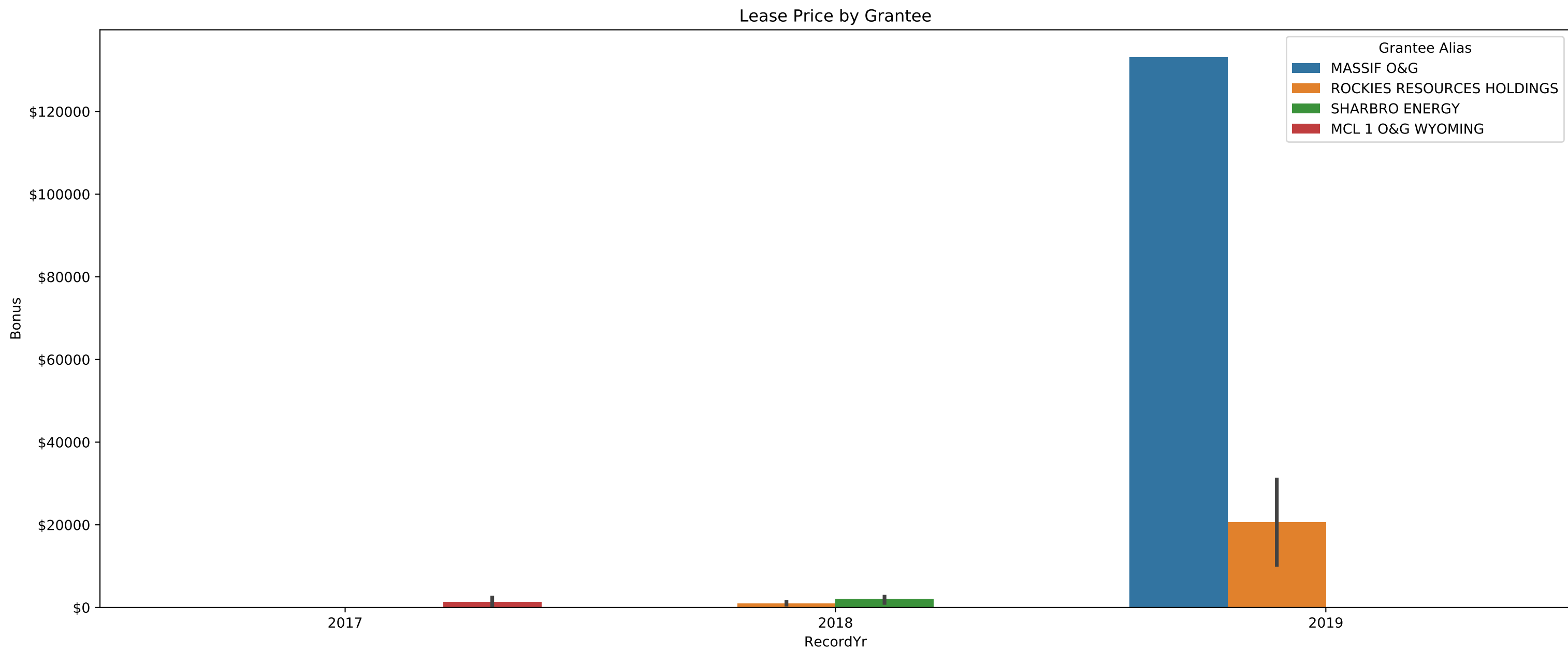
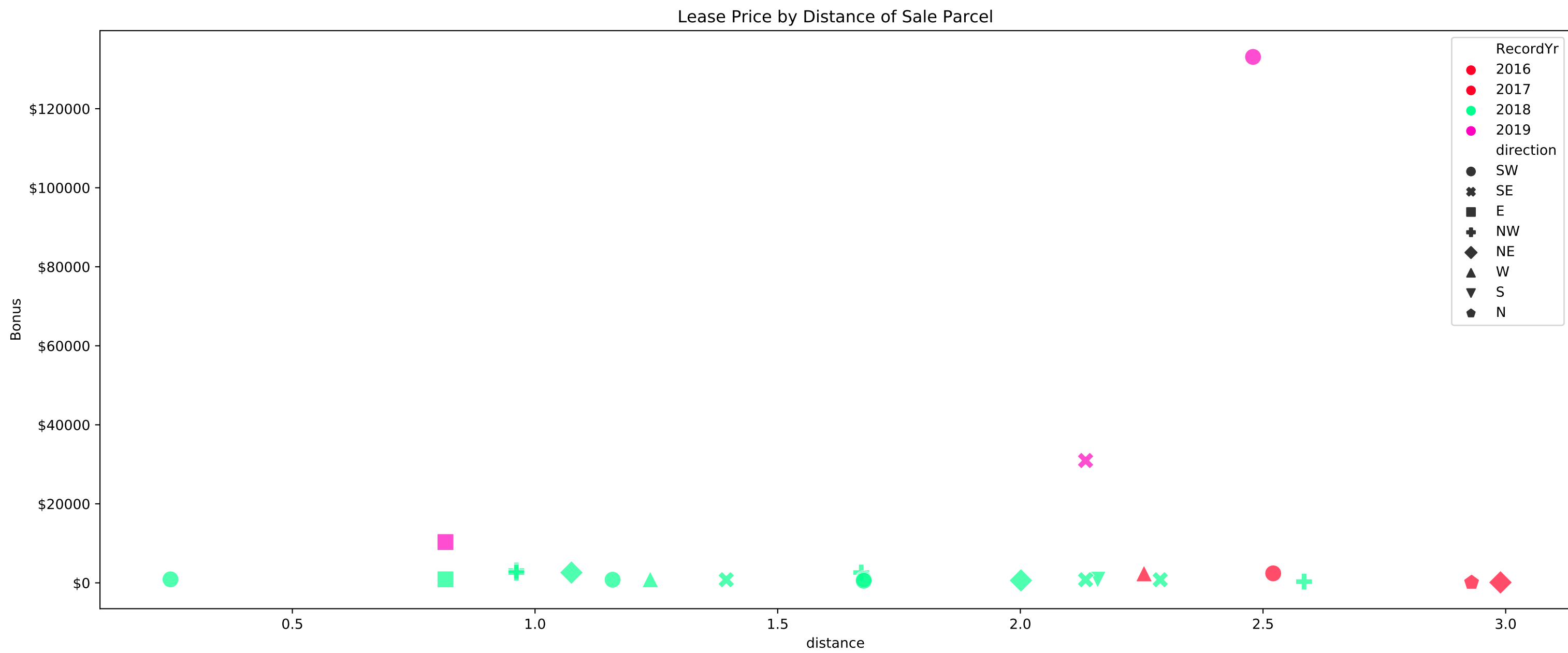
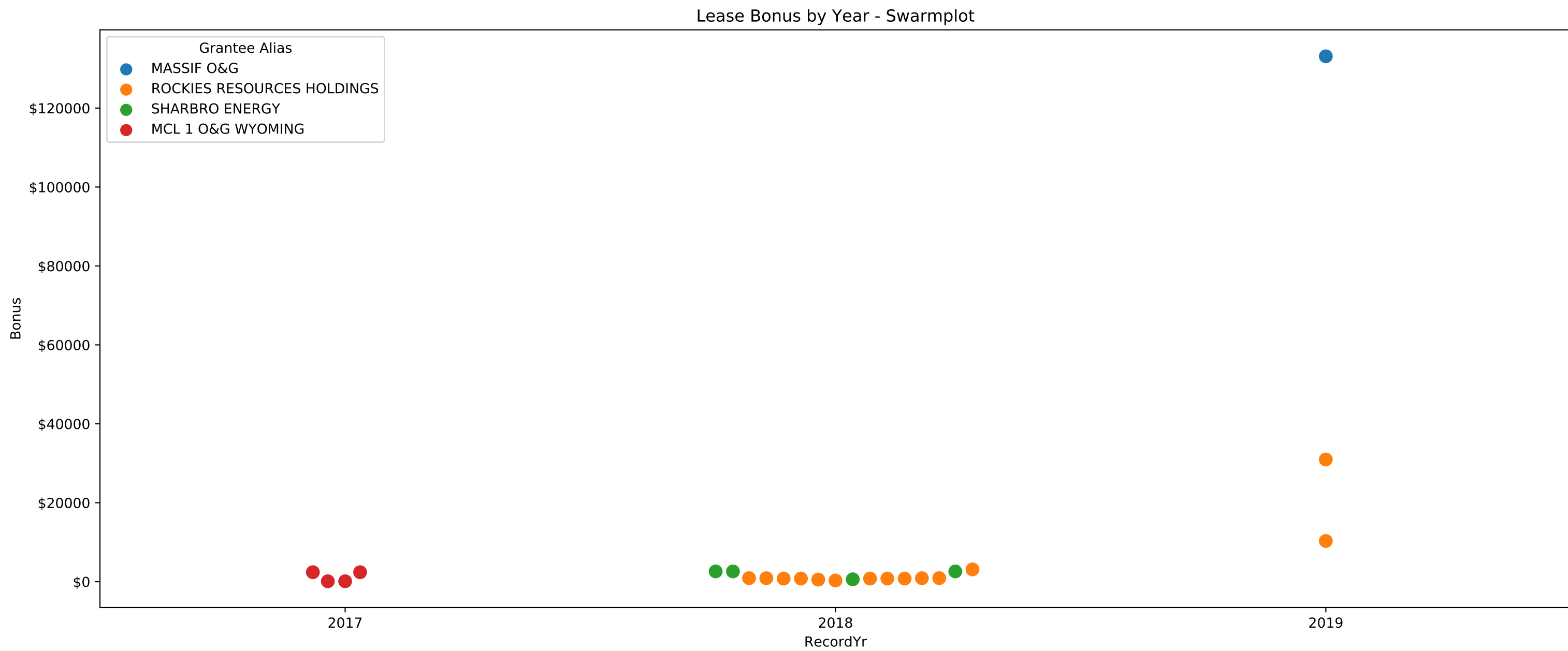
Permit Horizontal Lengths - Binned



Production Dashboard for tract 47



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



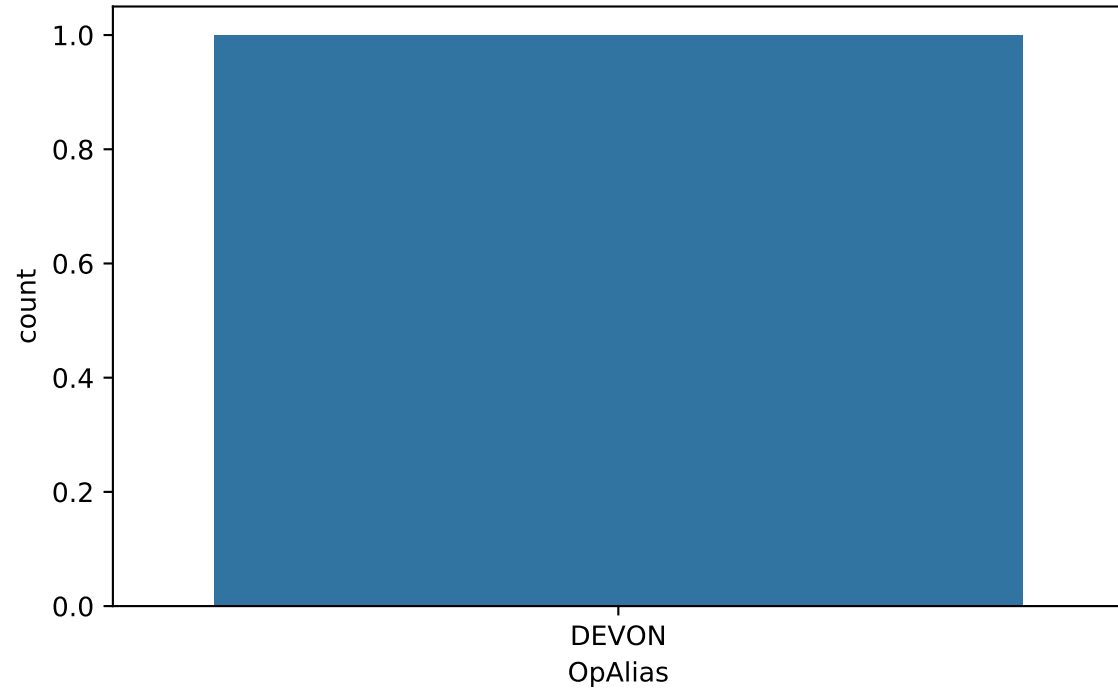
Permit Summary for Tract 9

Total permits: 1

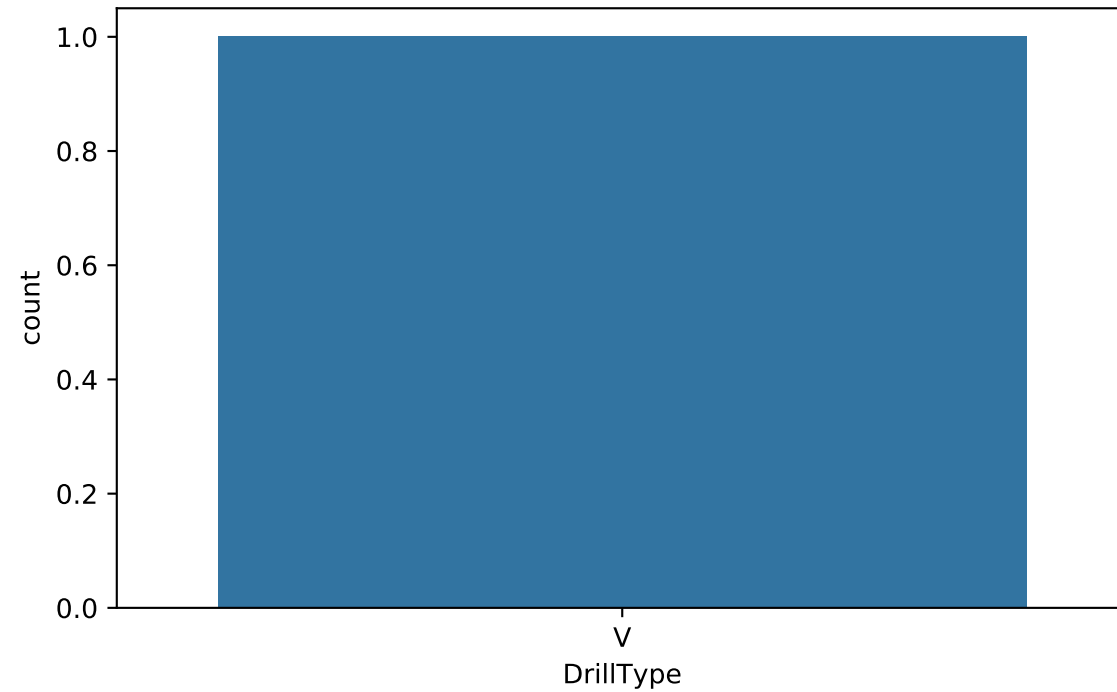
Permits by Well Status



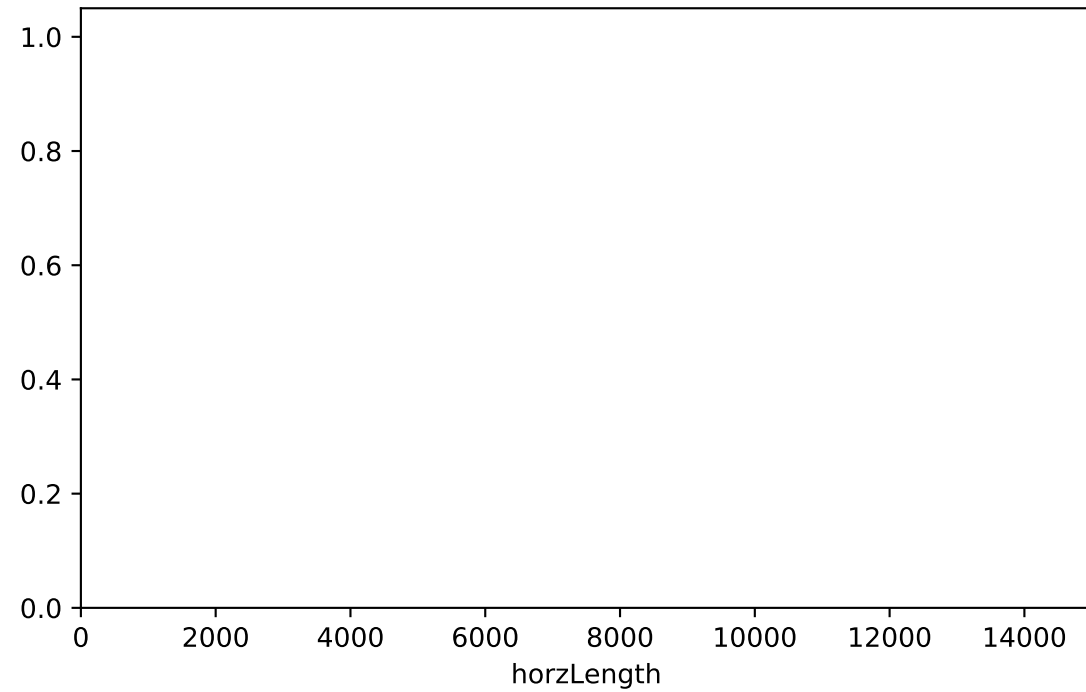
Permits by Operator



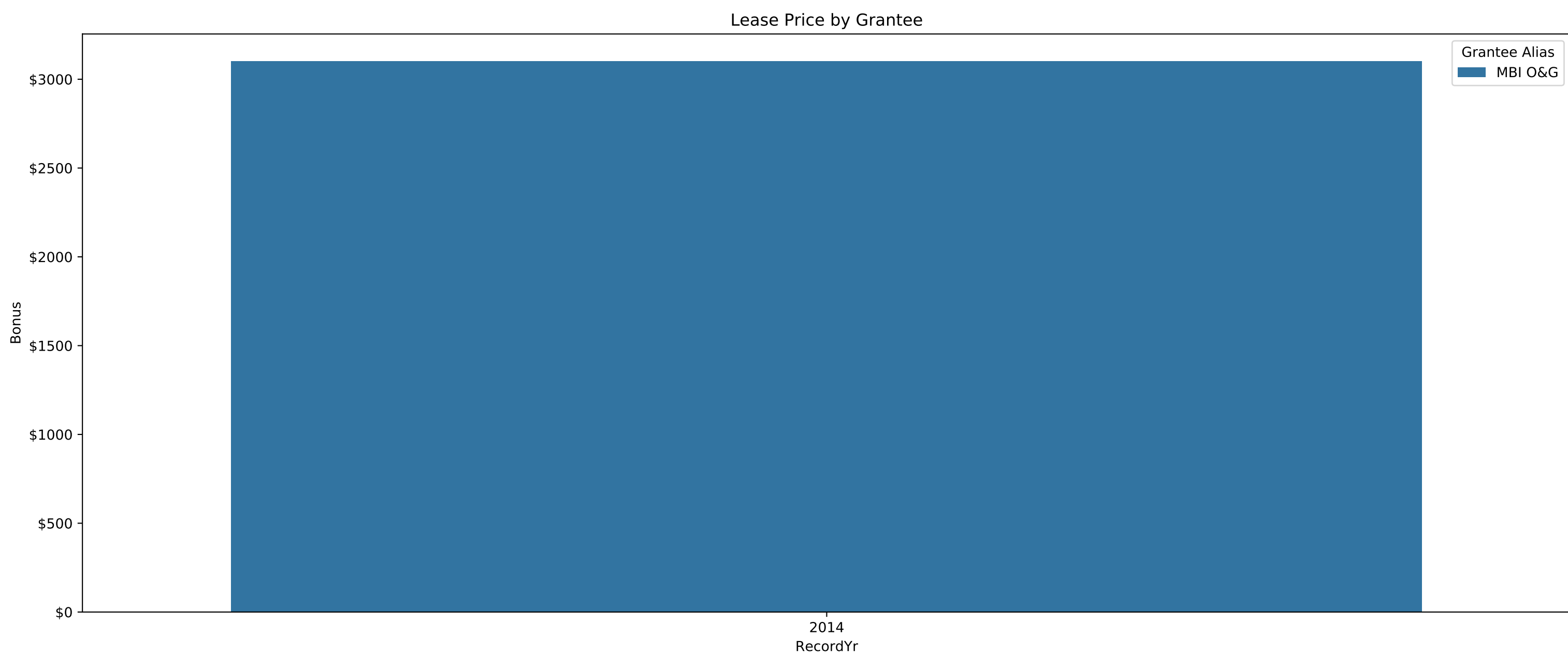
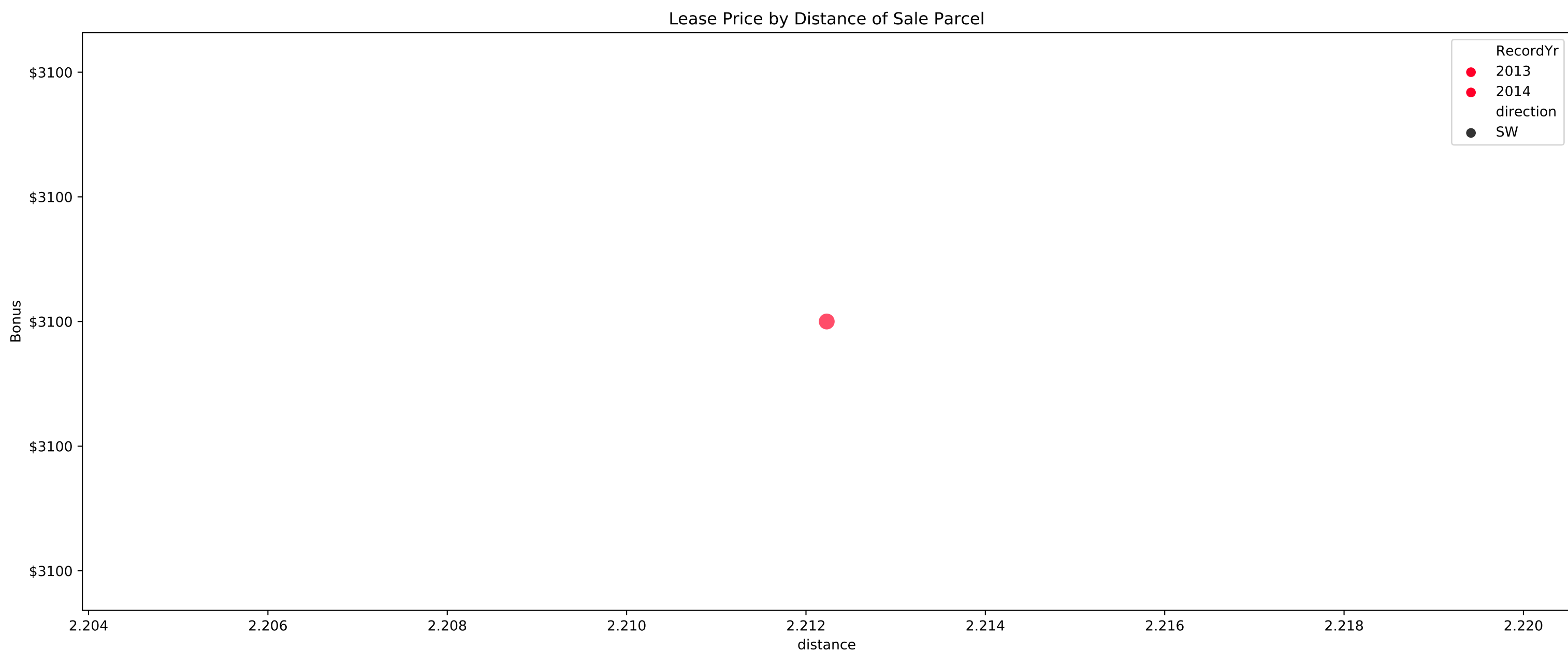
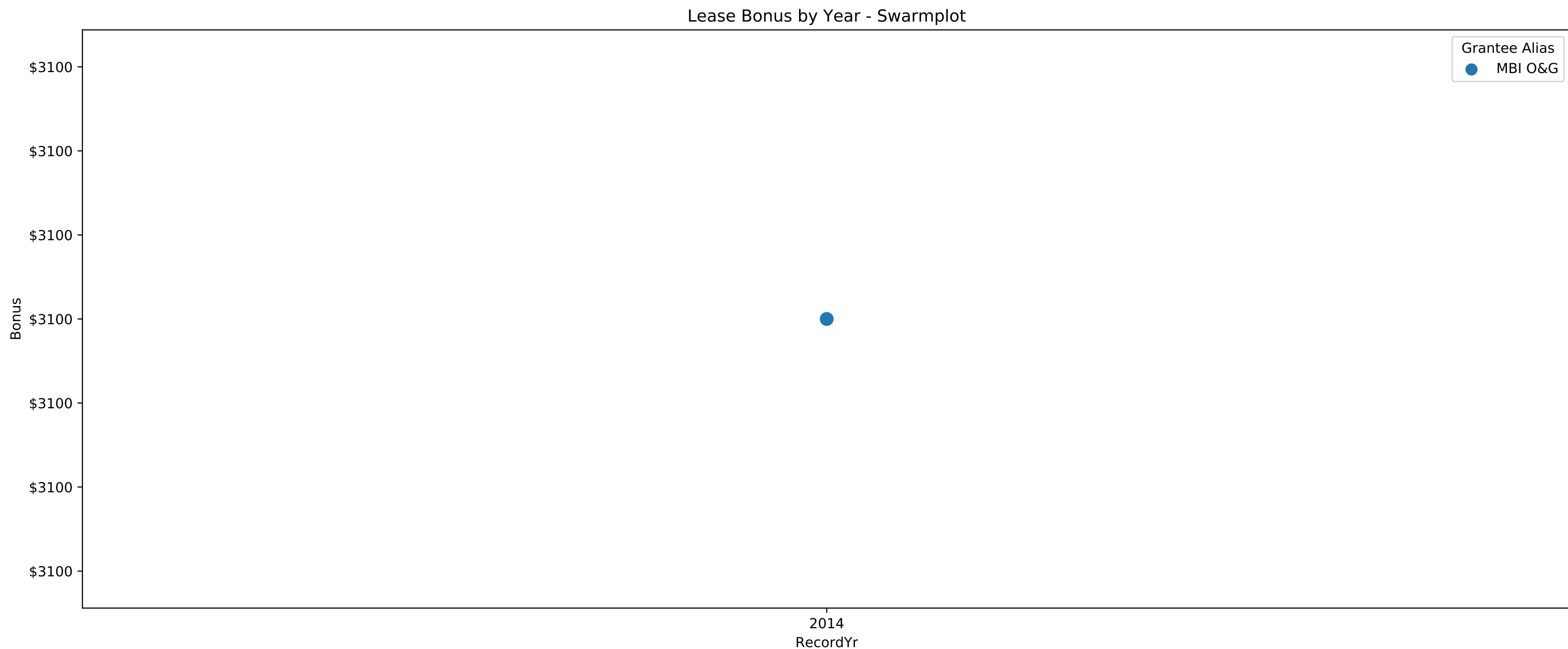
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



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



Permit Summary for Tract 123

Total permits: 8

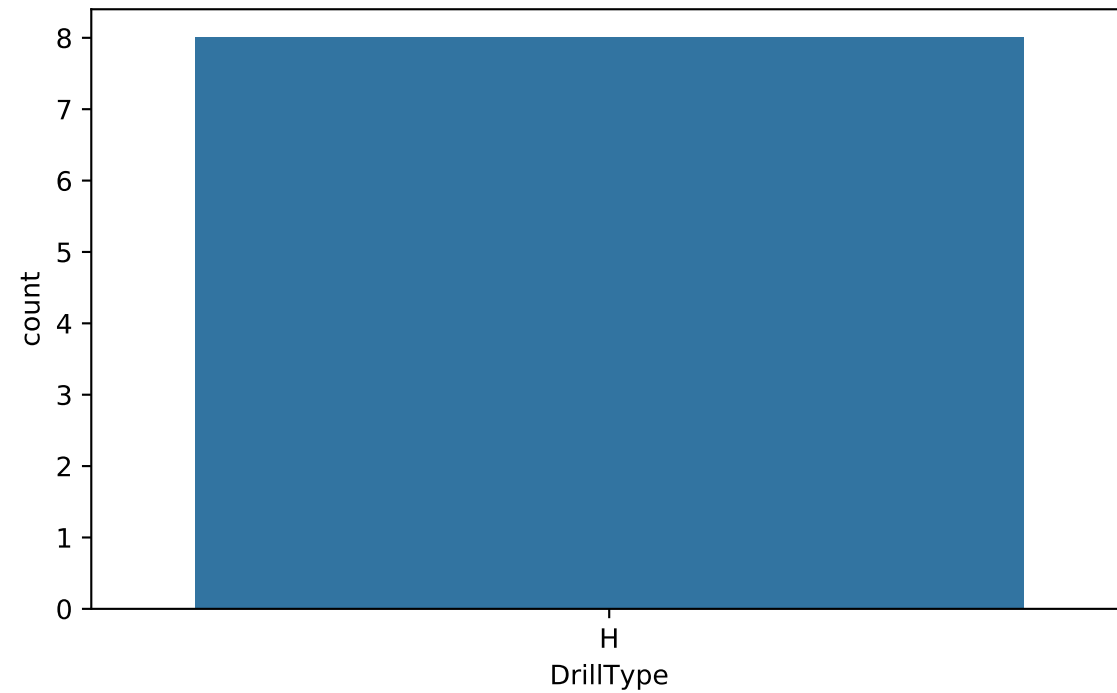
Permits by Well Status



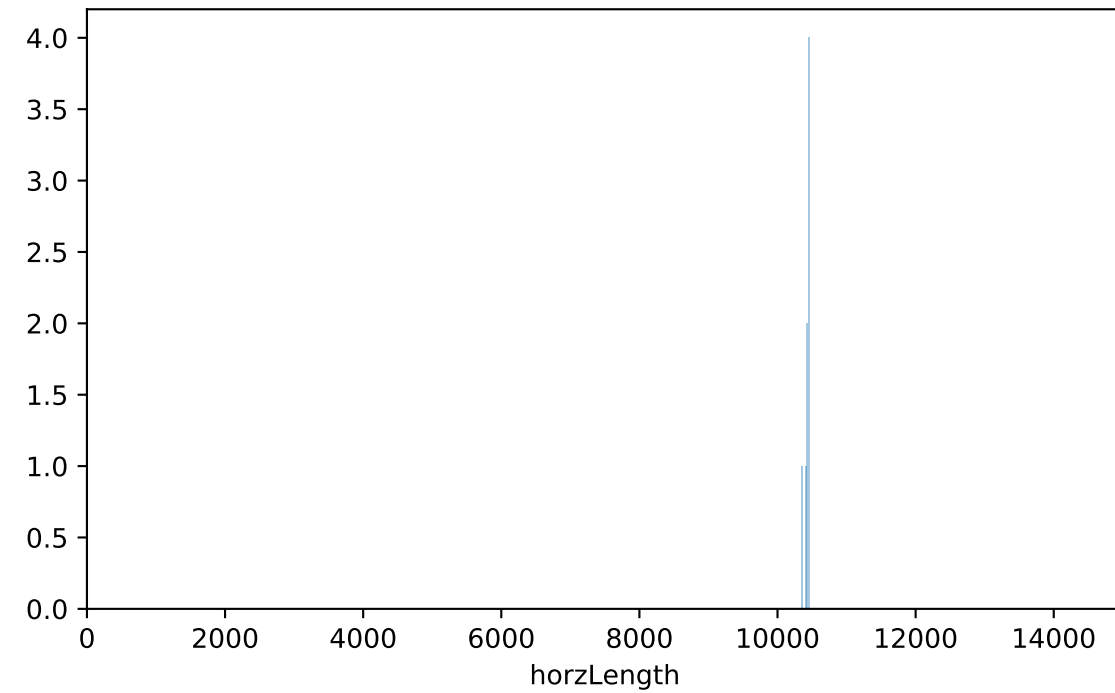
Permits by Operator



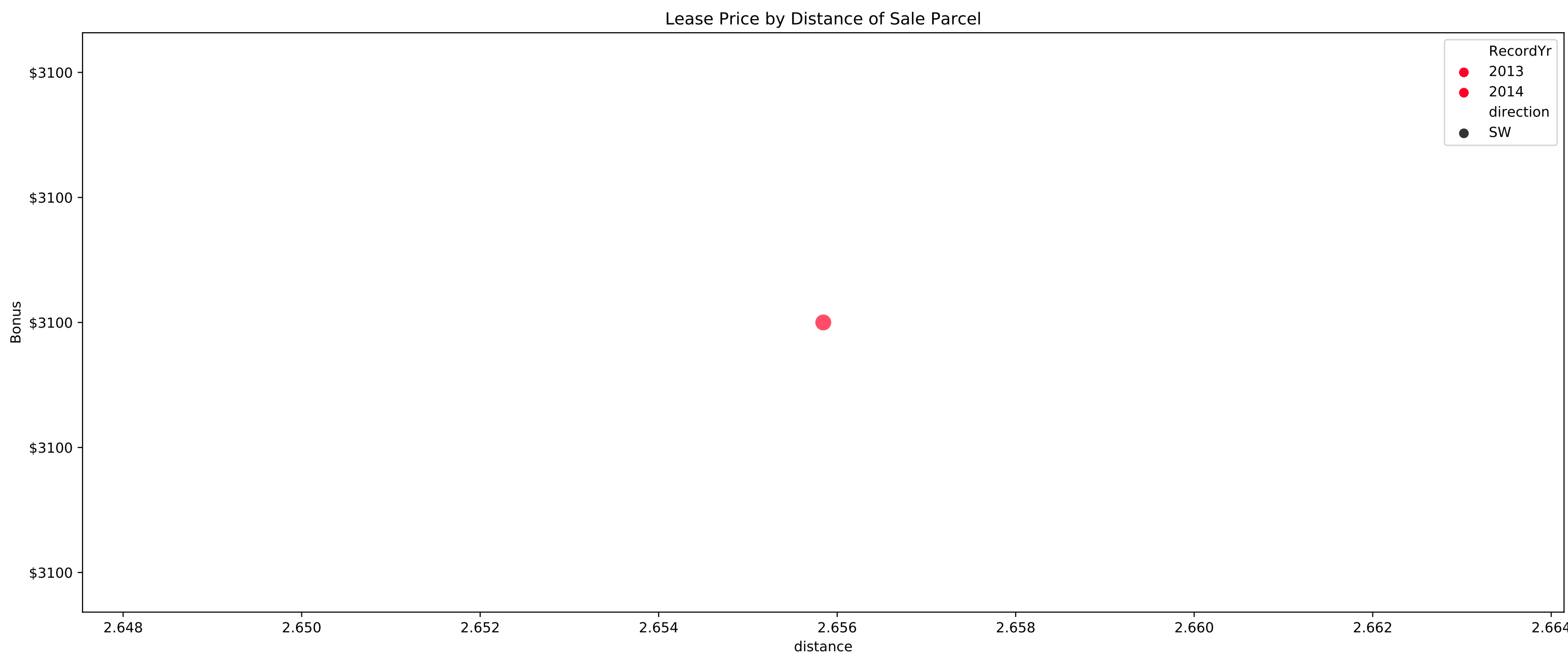
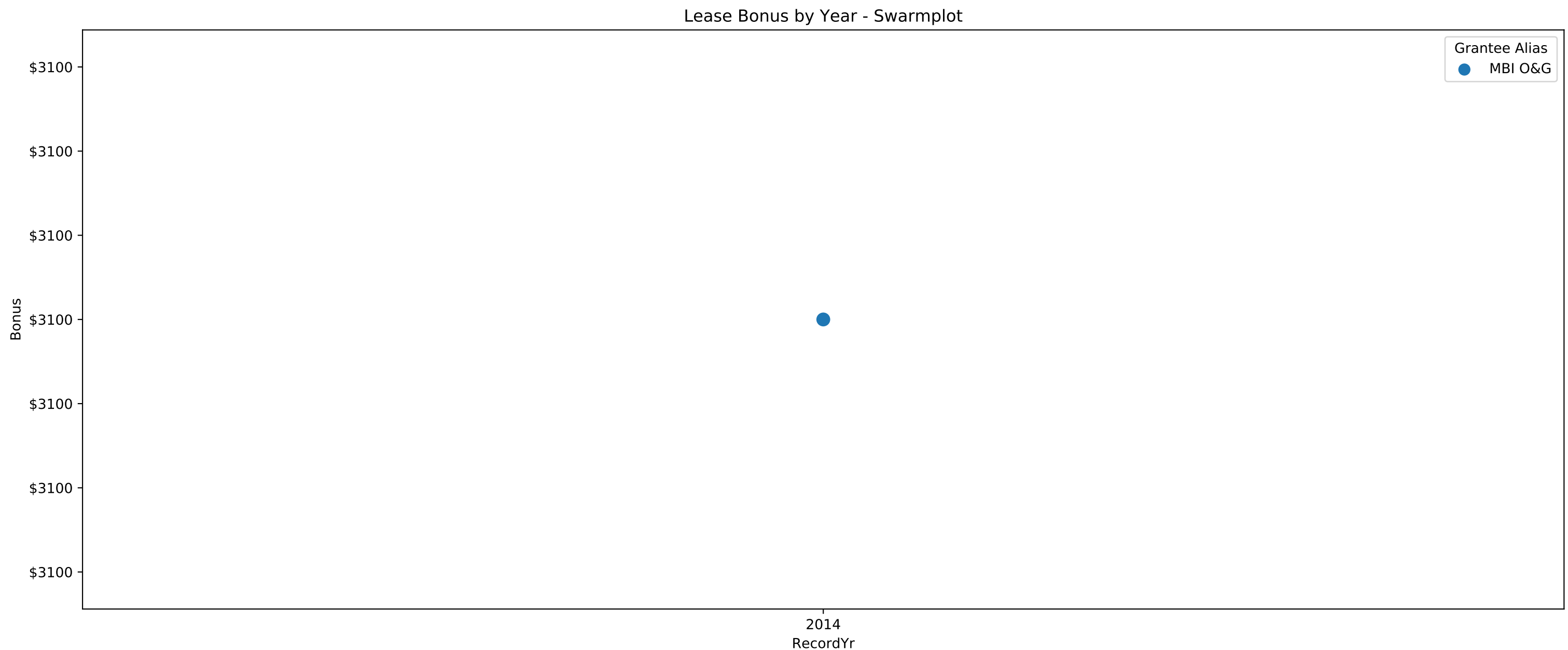
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



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



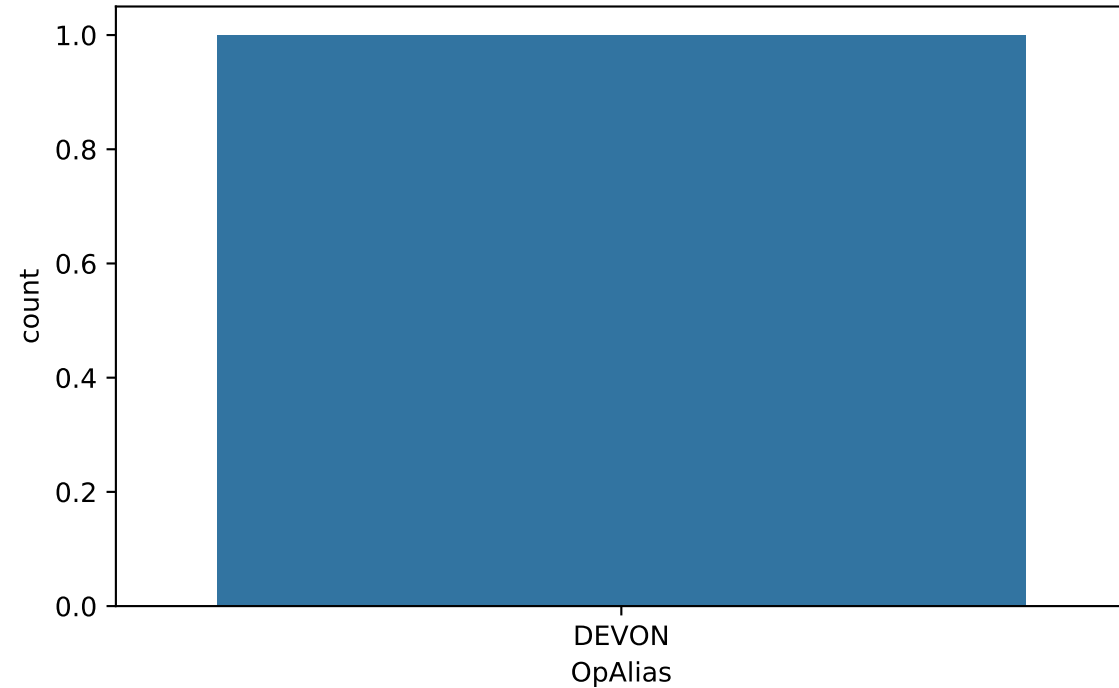
Permit Summary for Tract 8

Total permits: 1

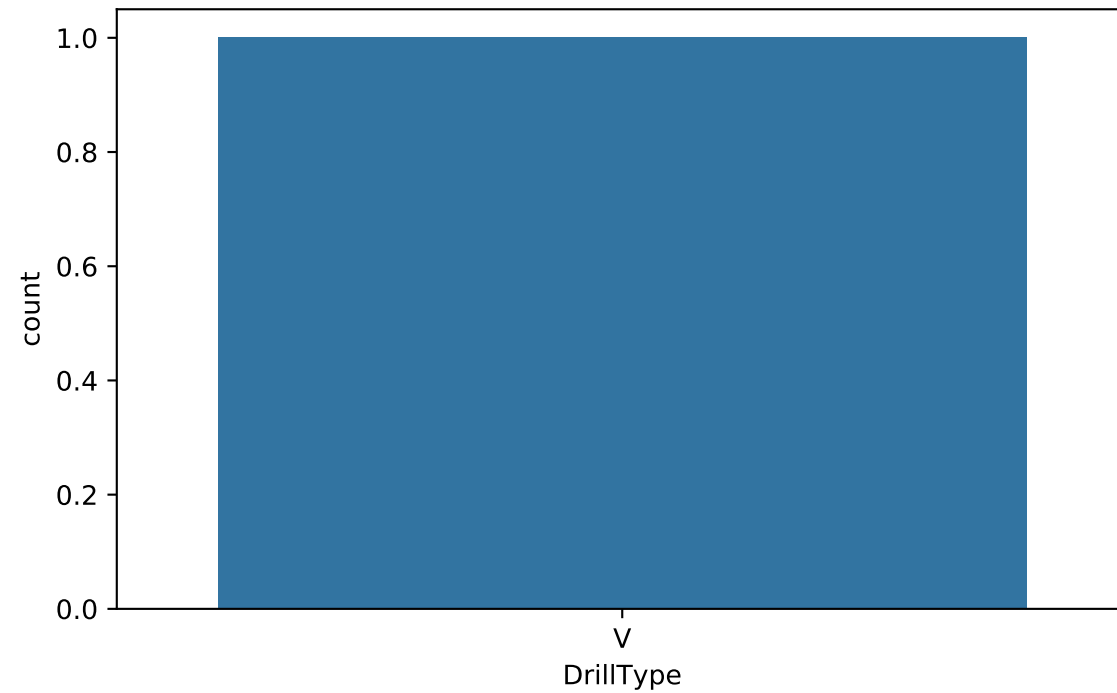
Permits by Well Status



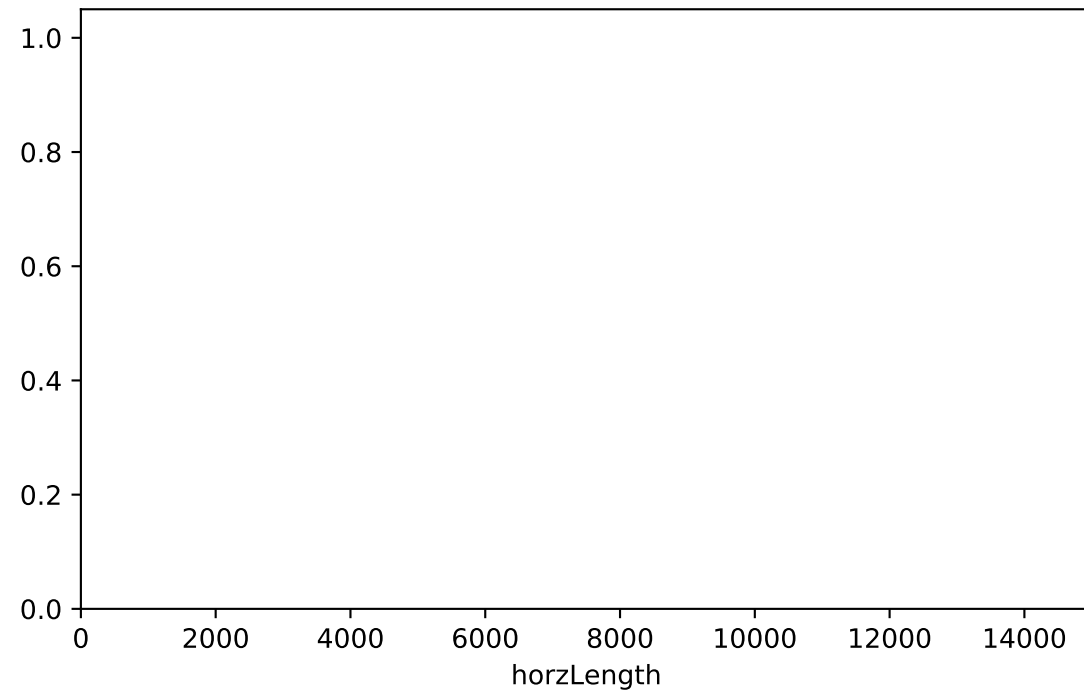
Permits by Operator



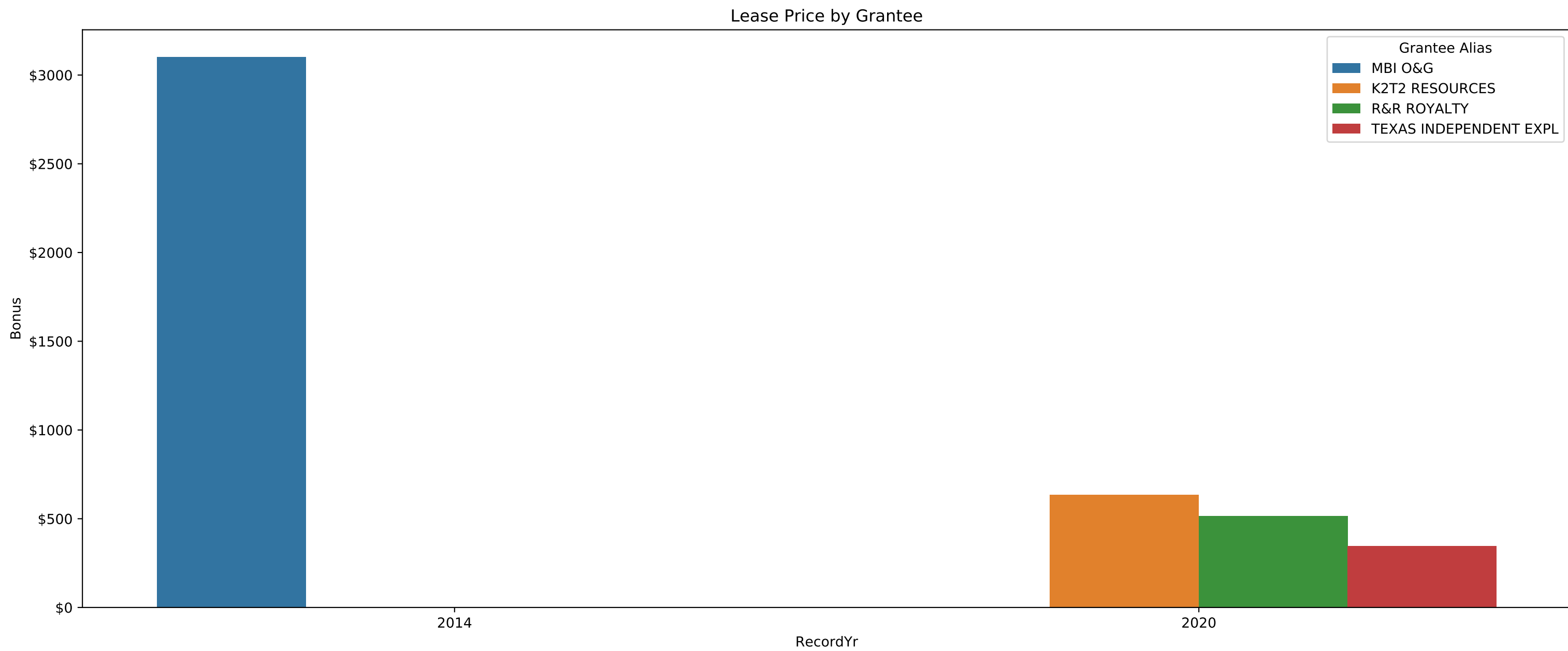
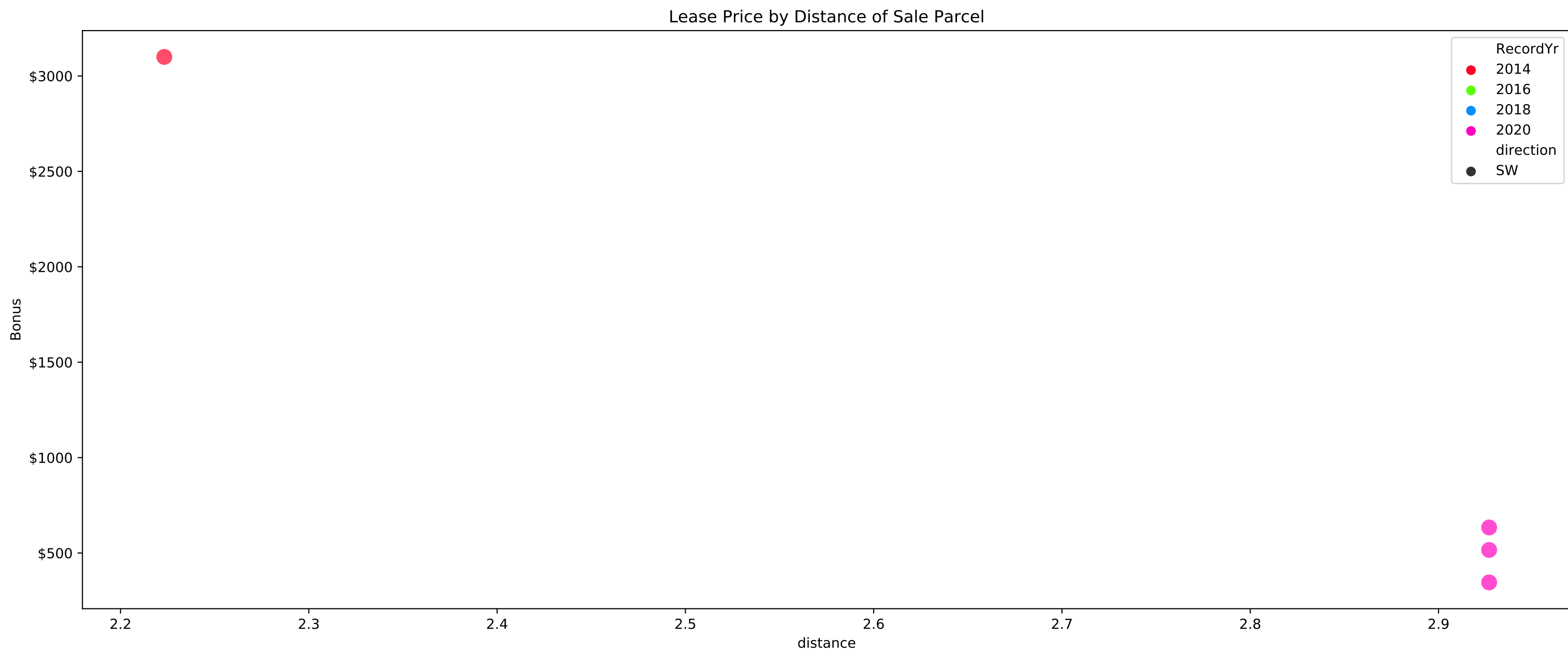
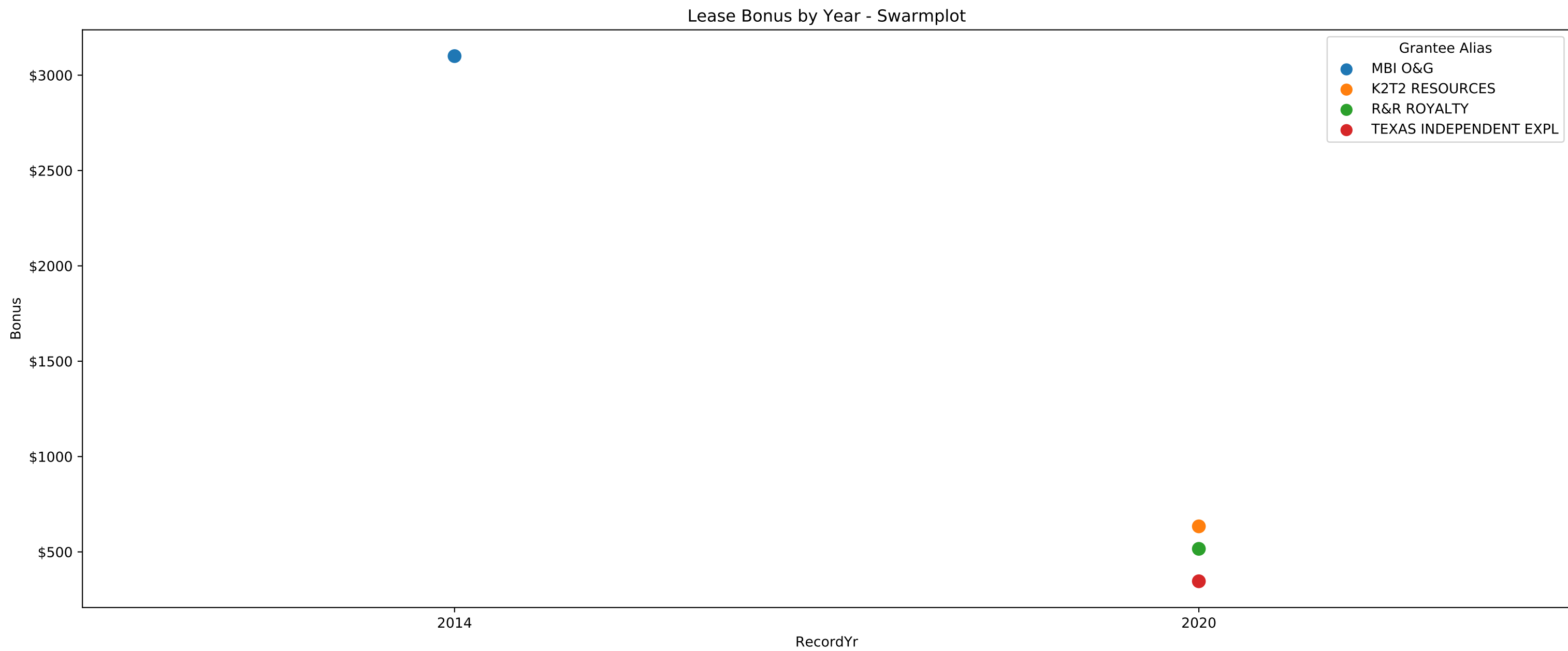
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



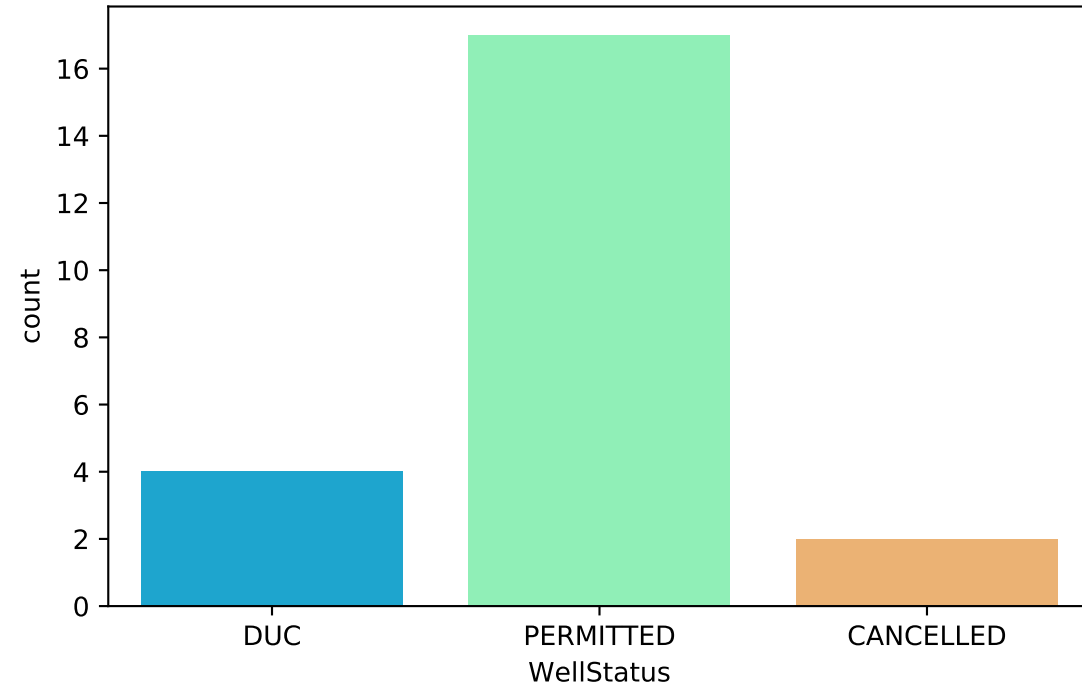
Lease Summary for tract 8
Total Number of Leases: 4
Average Price \$499/acre in 2020



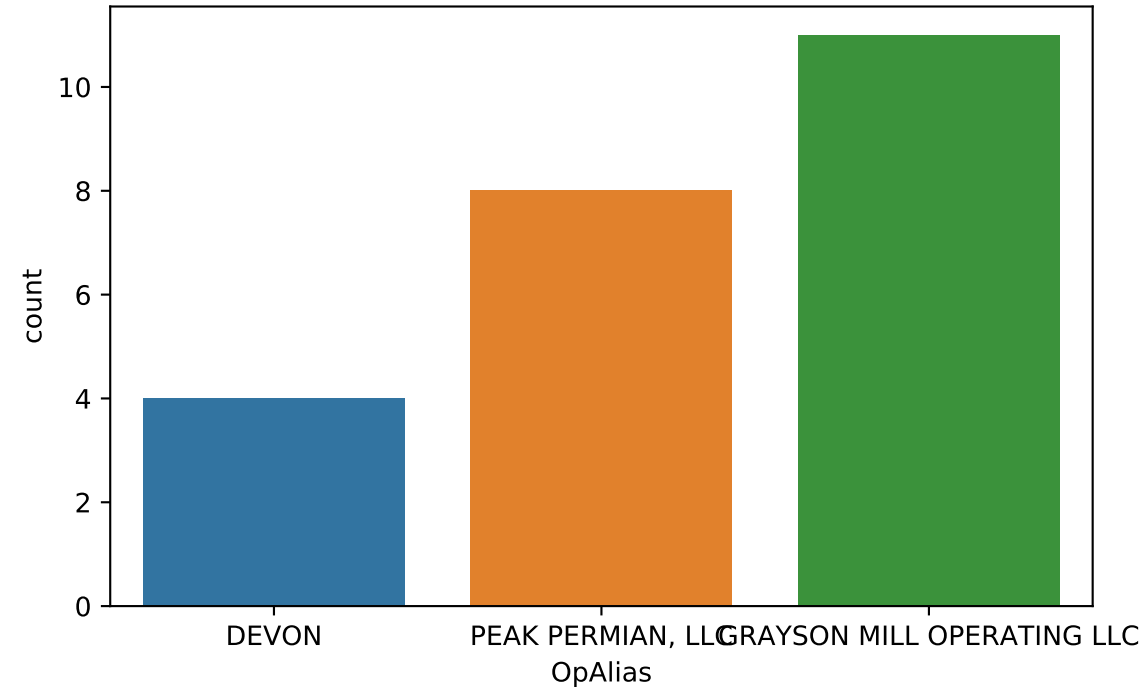
Permit Summary for Tract 7

Total permits: 23

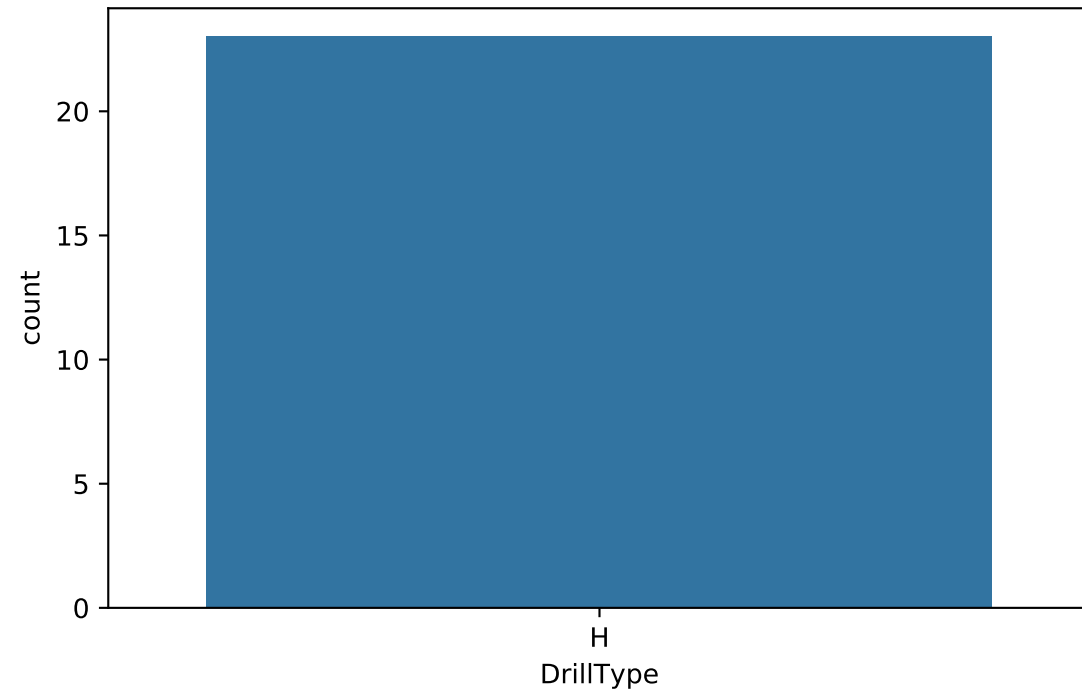
Permits by Well Status



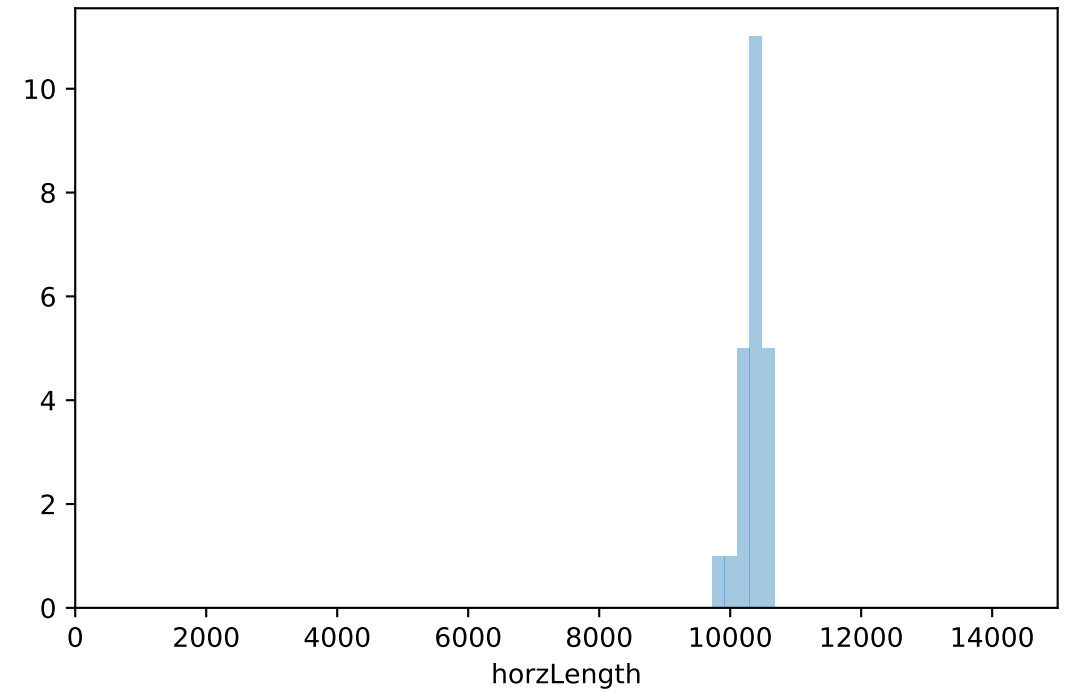
Permits by Operator



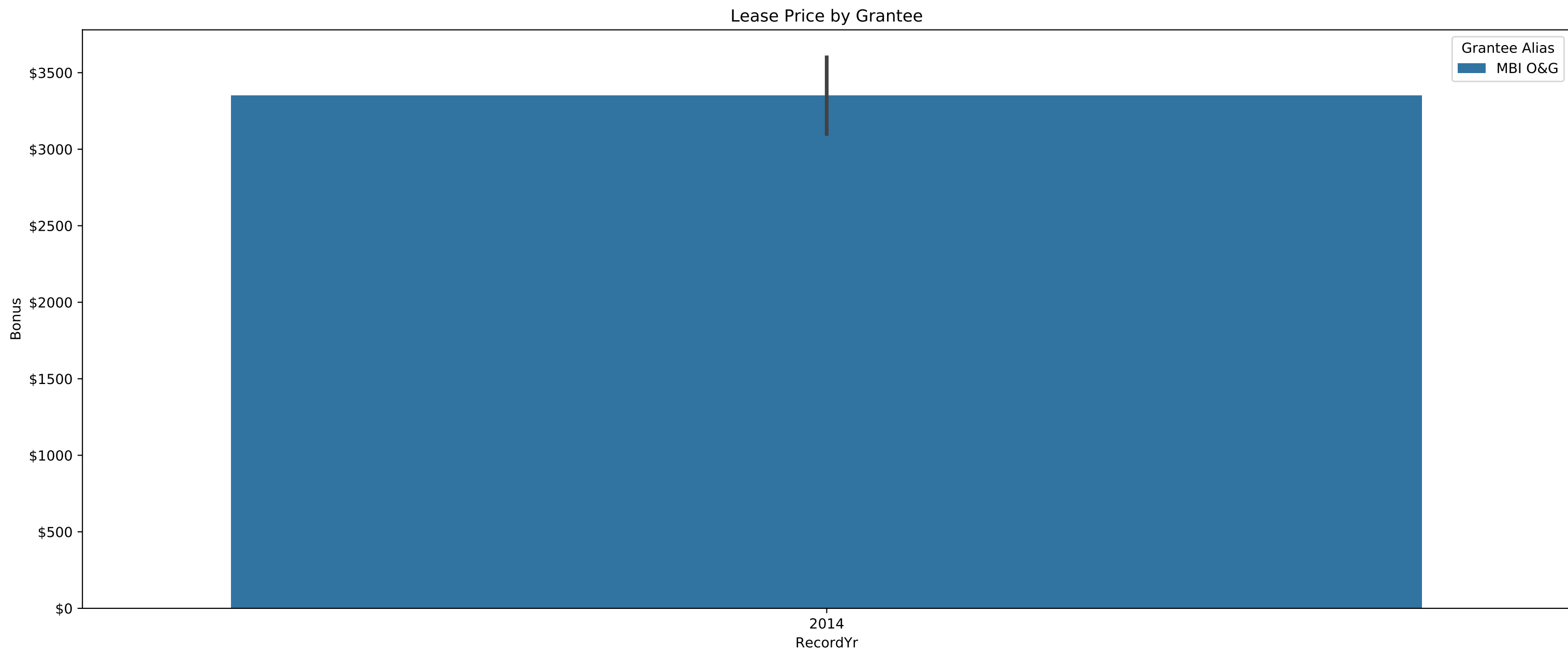
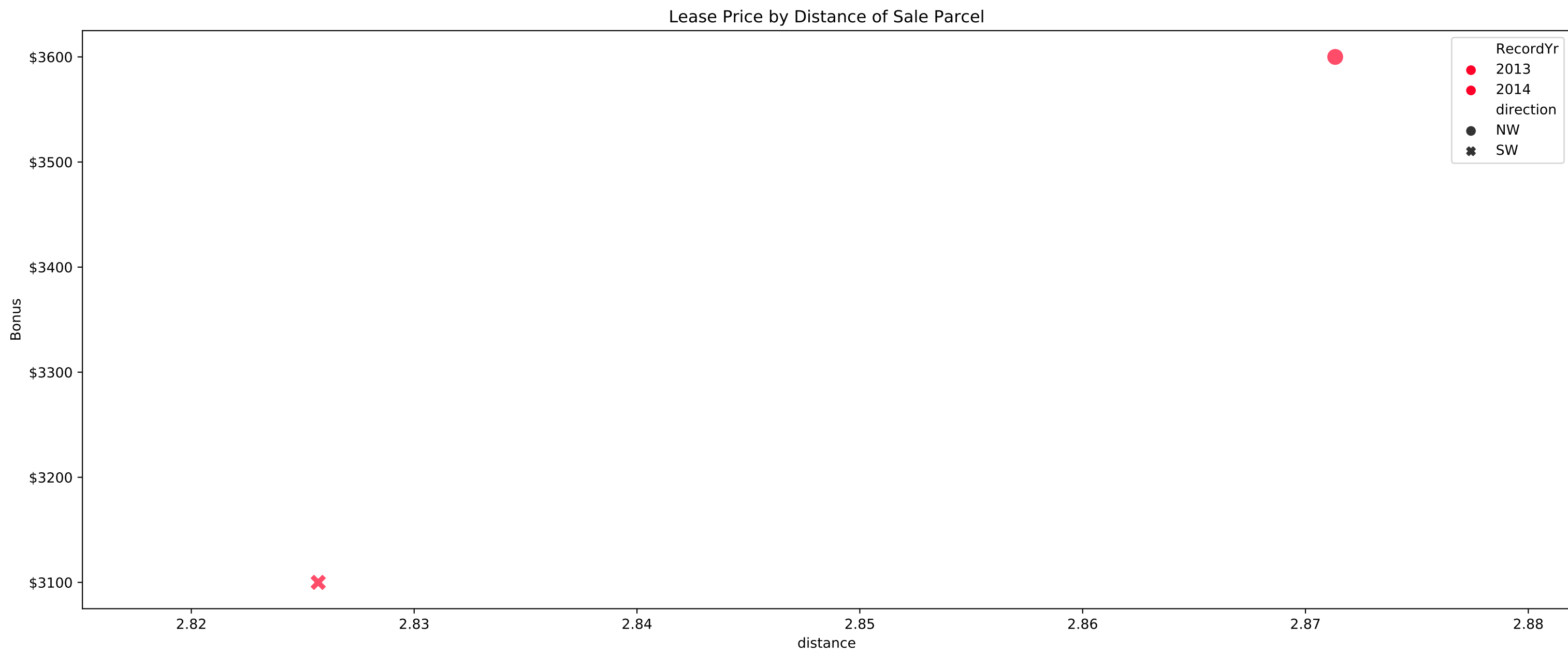
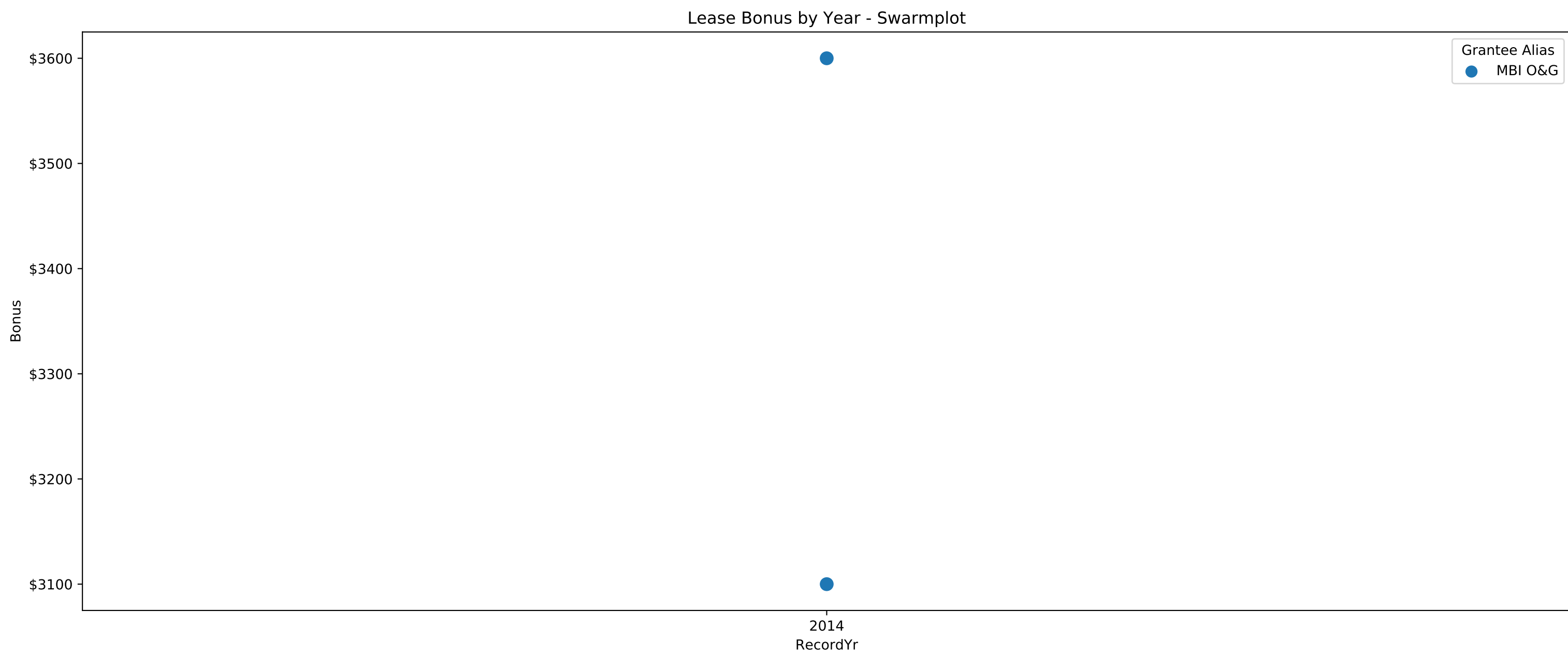
Permits by Well Type (H,D,V)



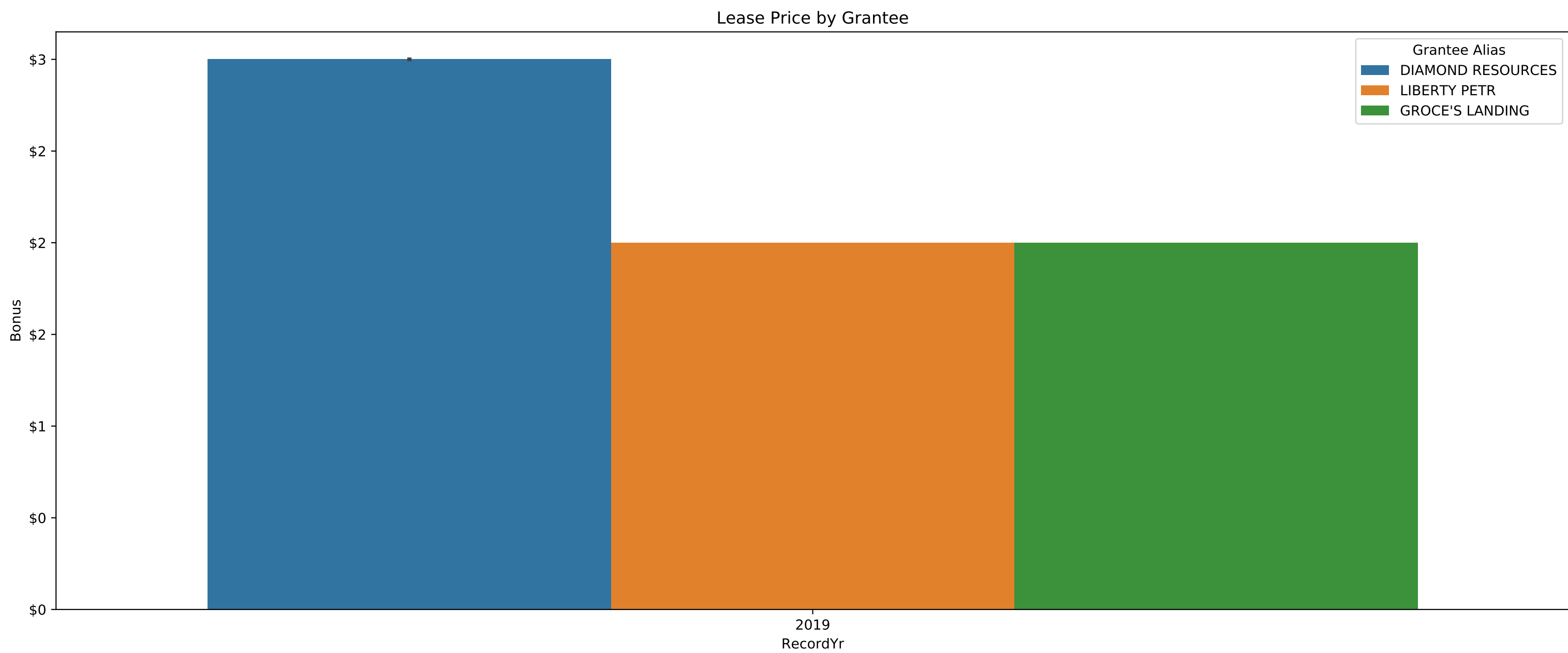
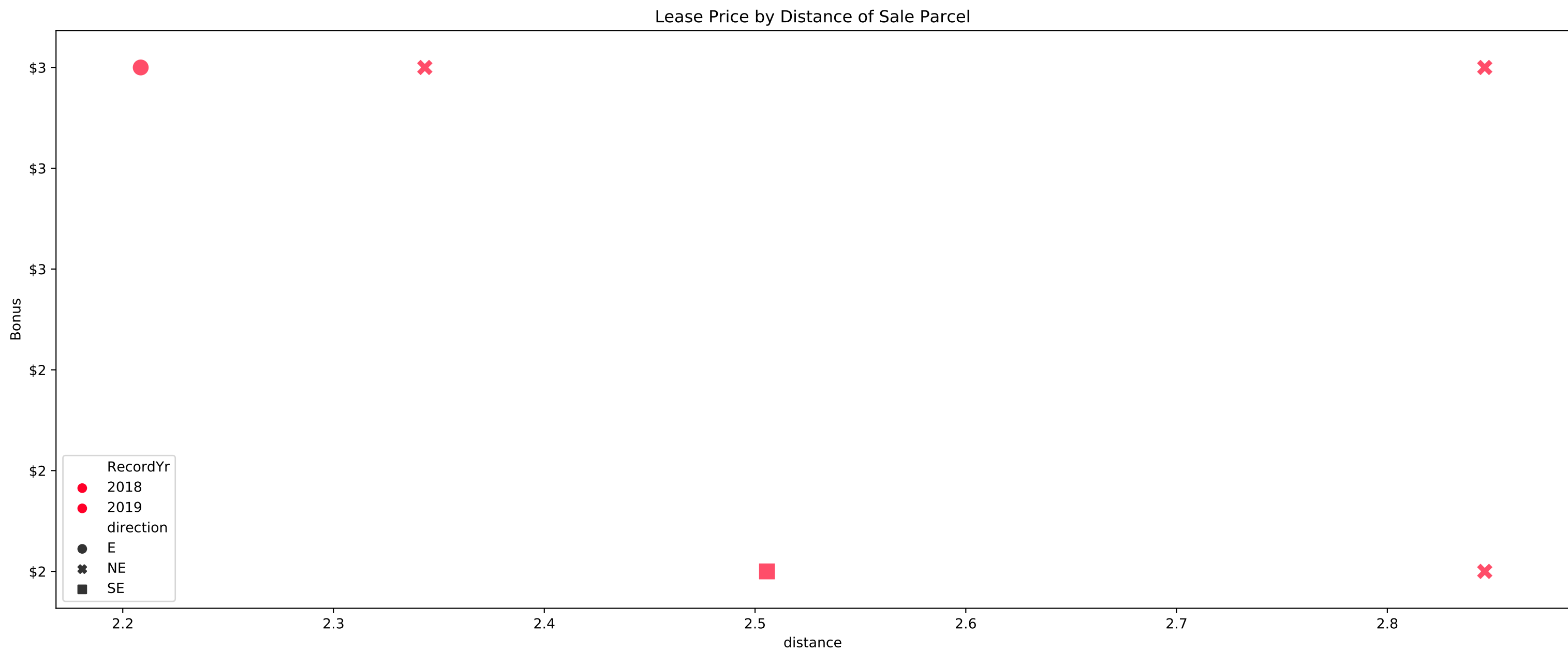
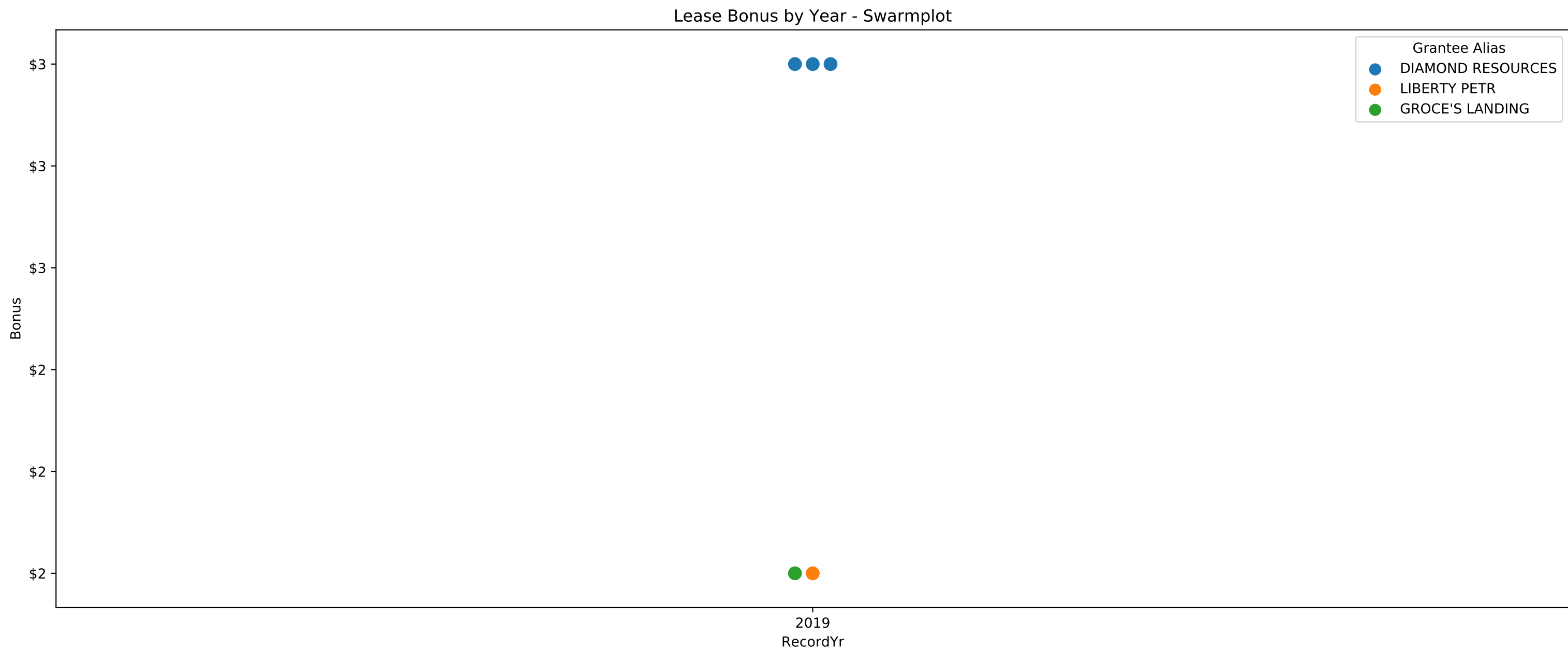
Permit Horizontal Lengths - Binned



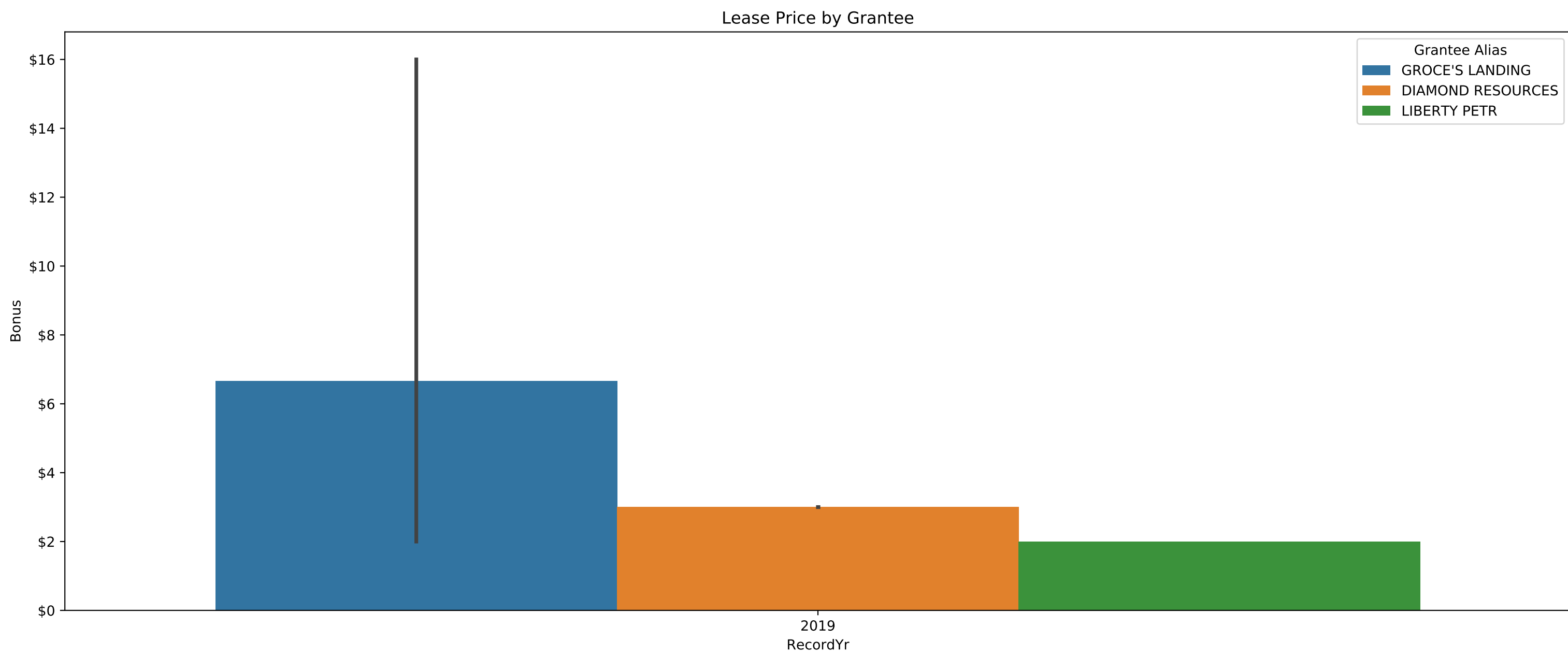
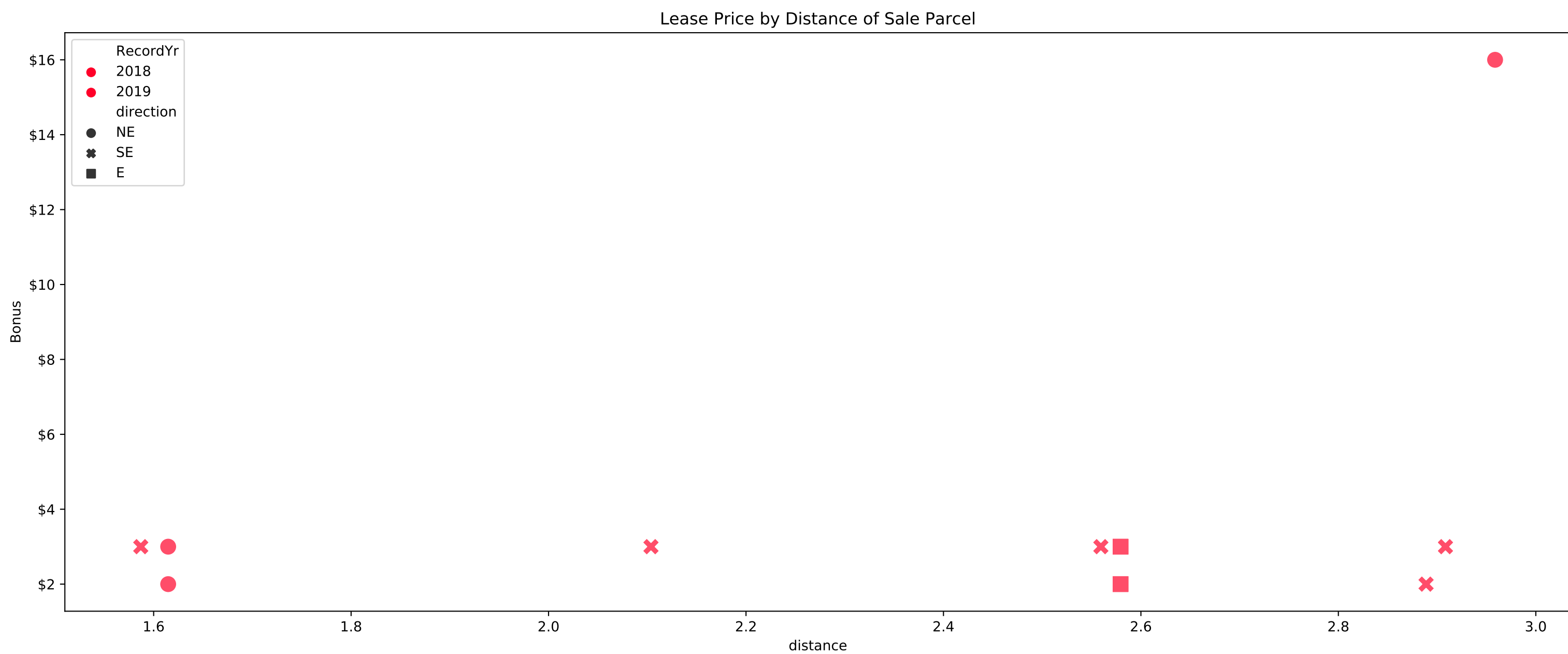
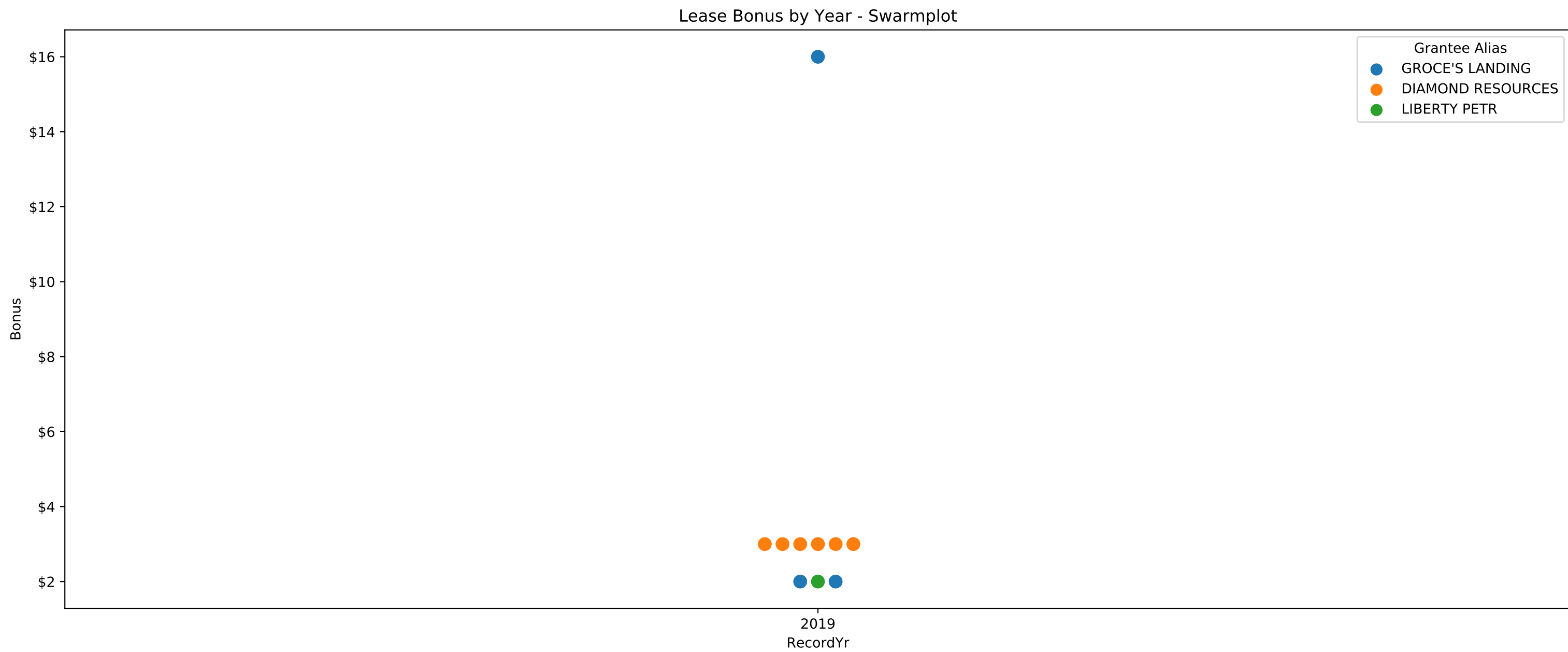
Lease Summary for tract 7
Total Number of Leases: 2
Average Price \$3350/acre in 2014



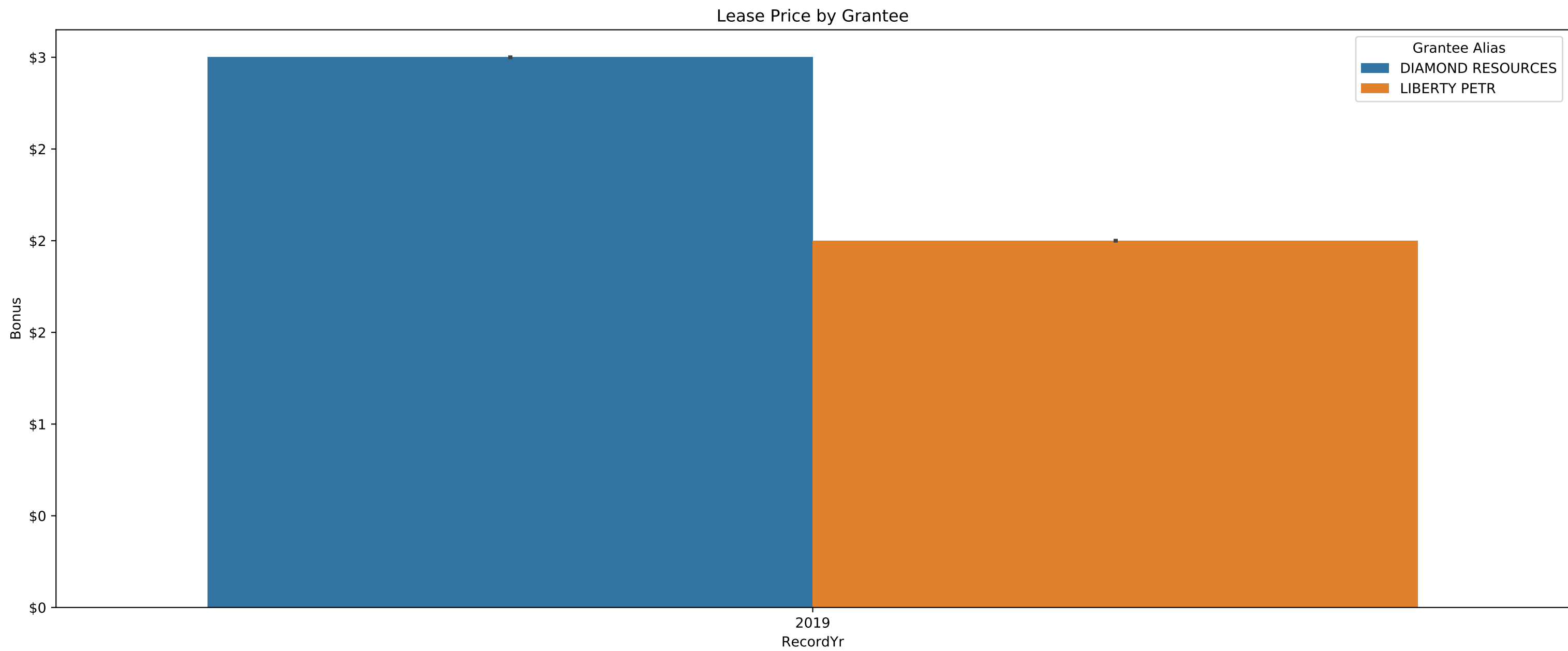
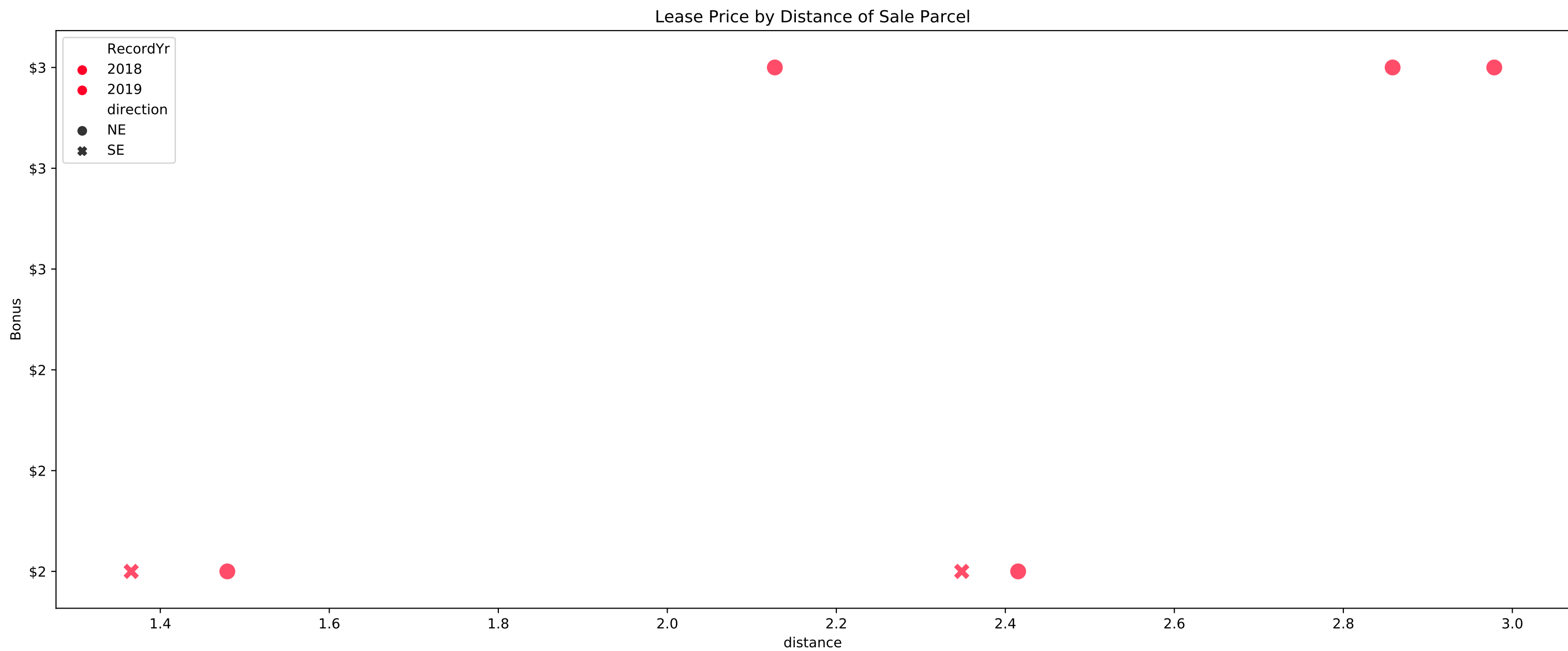
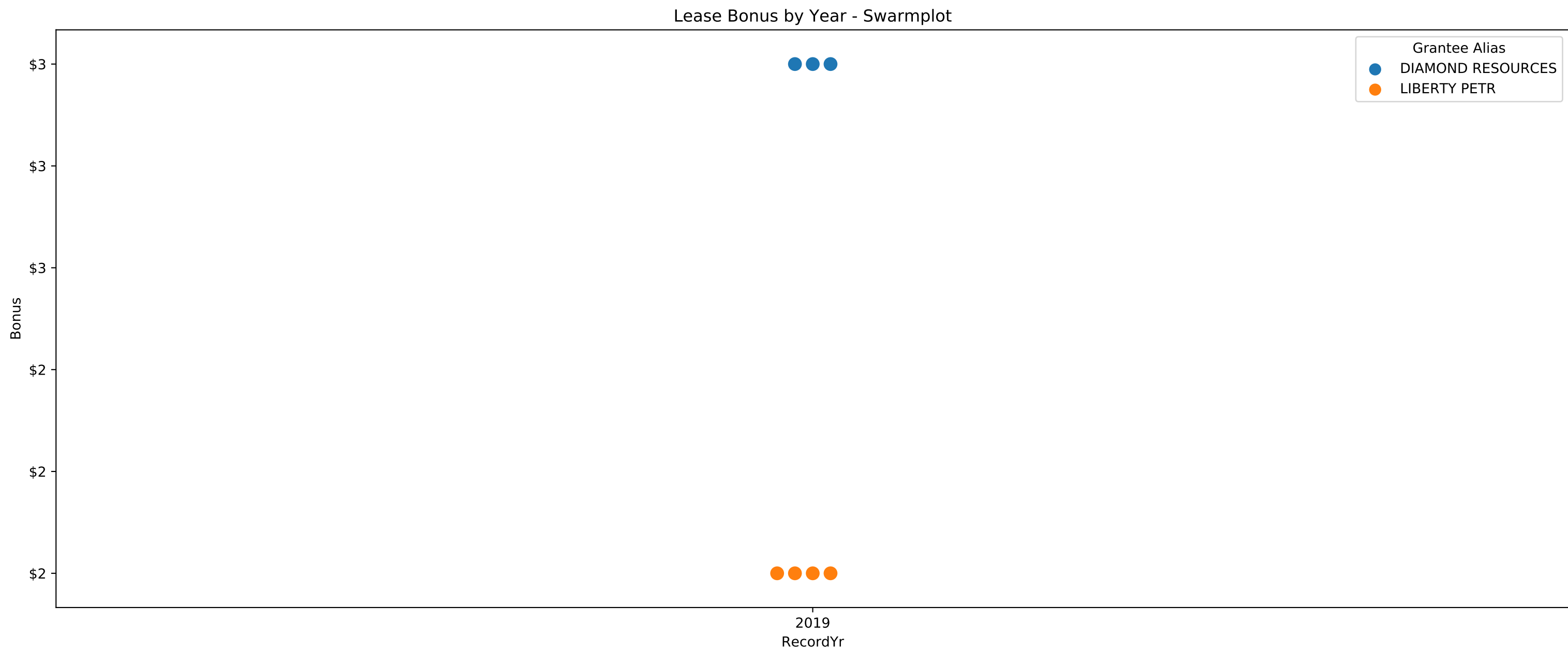
Lease Summary for tract 60
Total Number of Leases: 5
Average Price \$3/acre in 2019



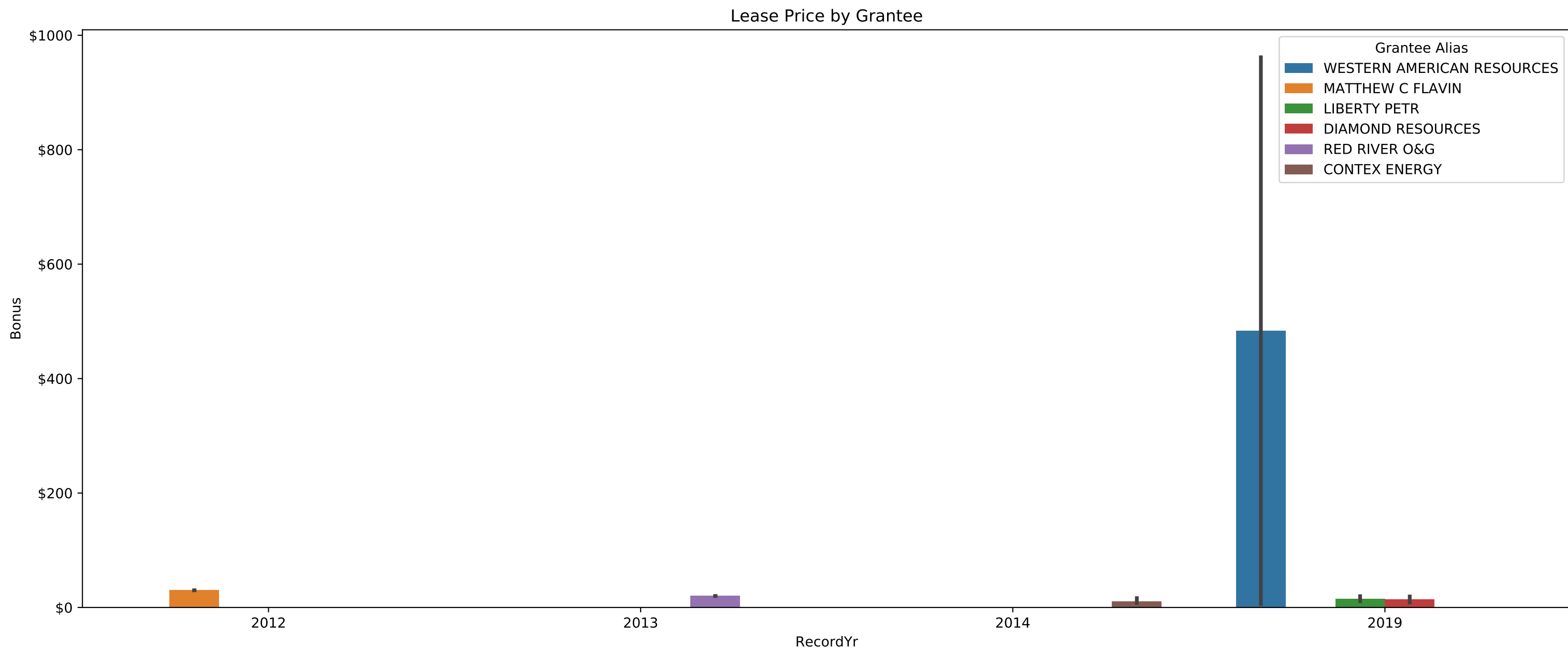
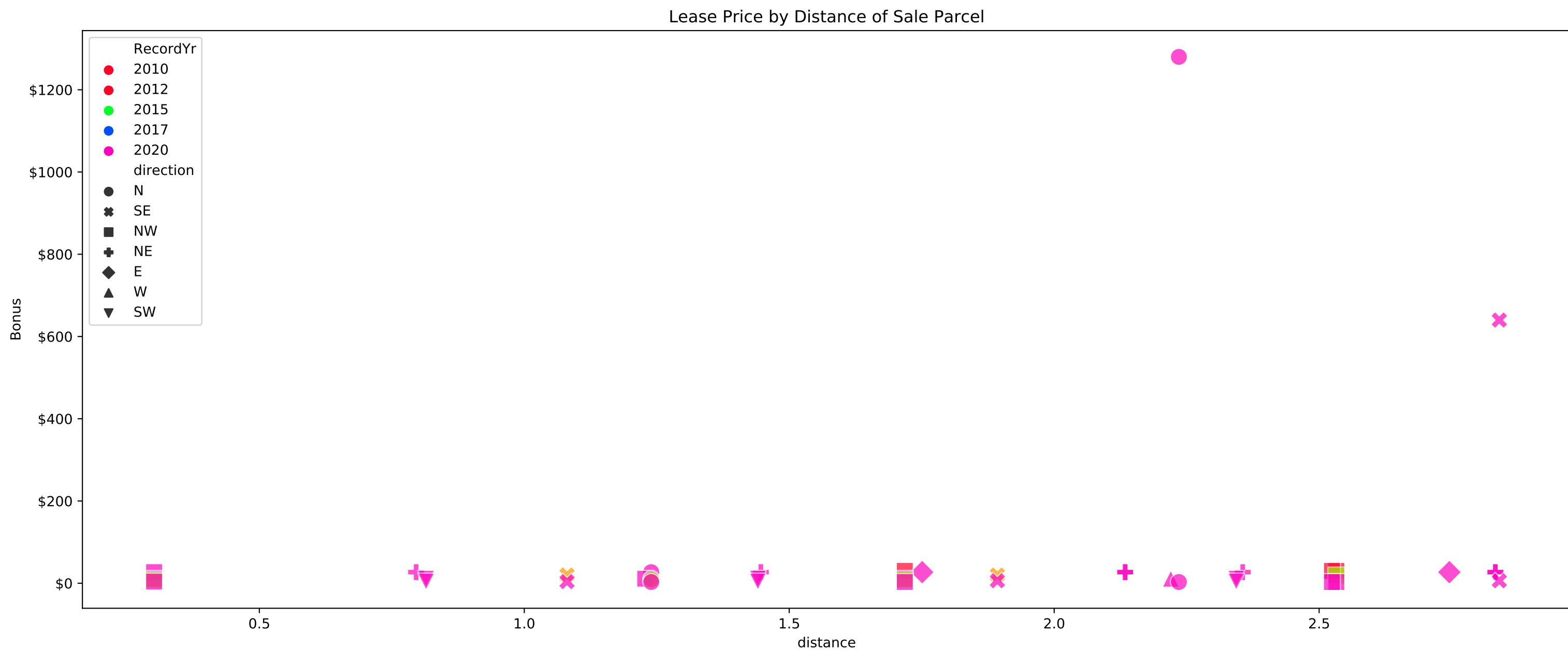
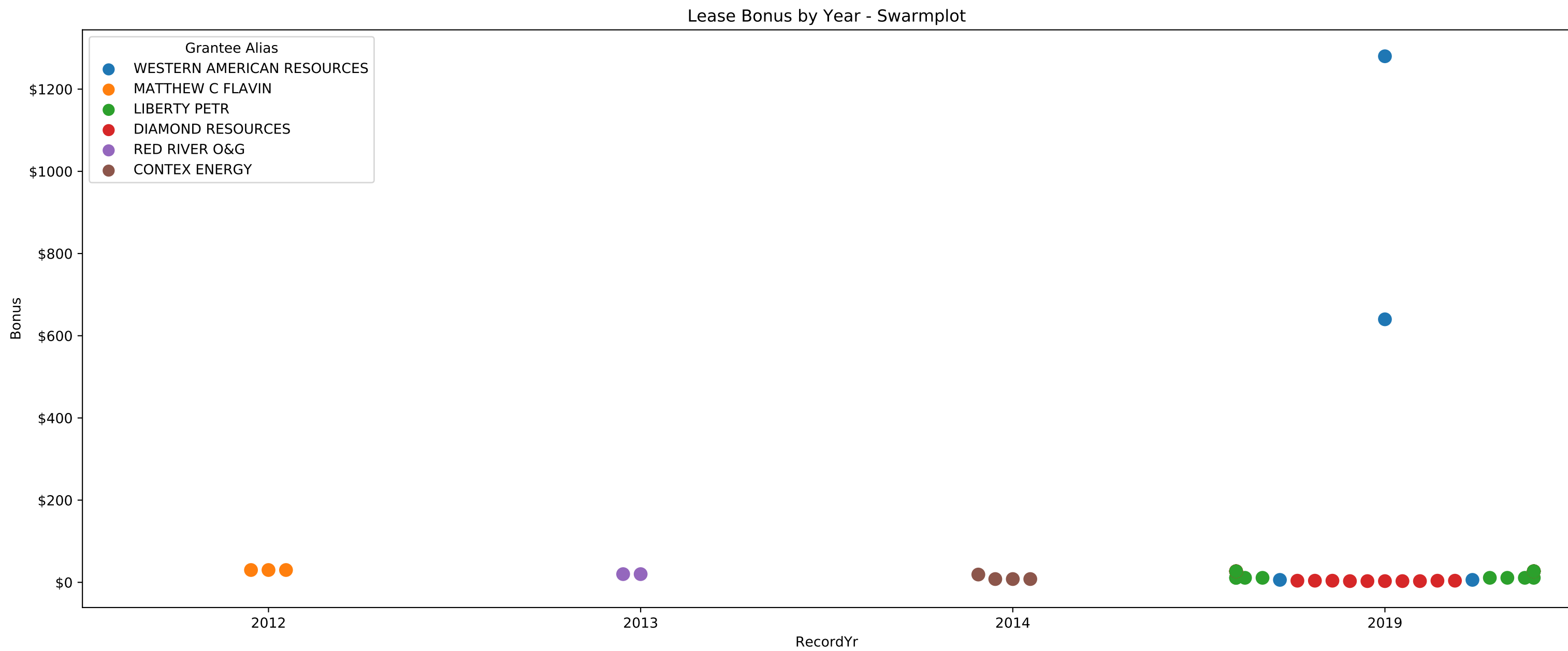
Lease Summary for tract 59
Total Number of Leases: 10
Average Price \$4/acre in 2019



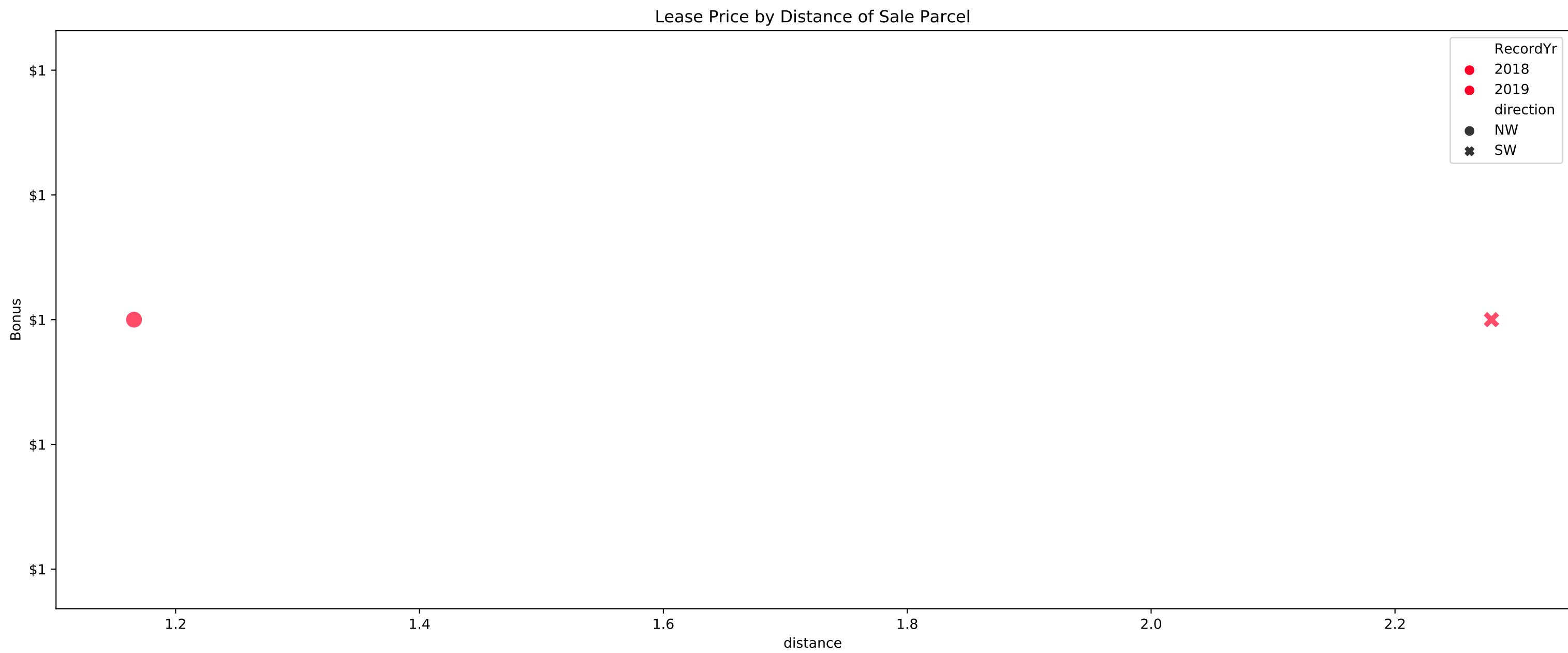
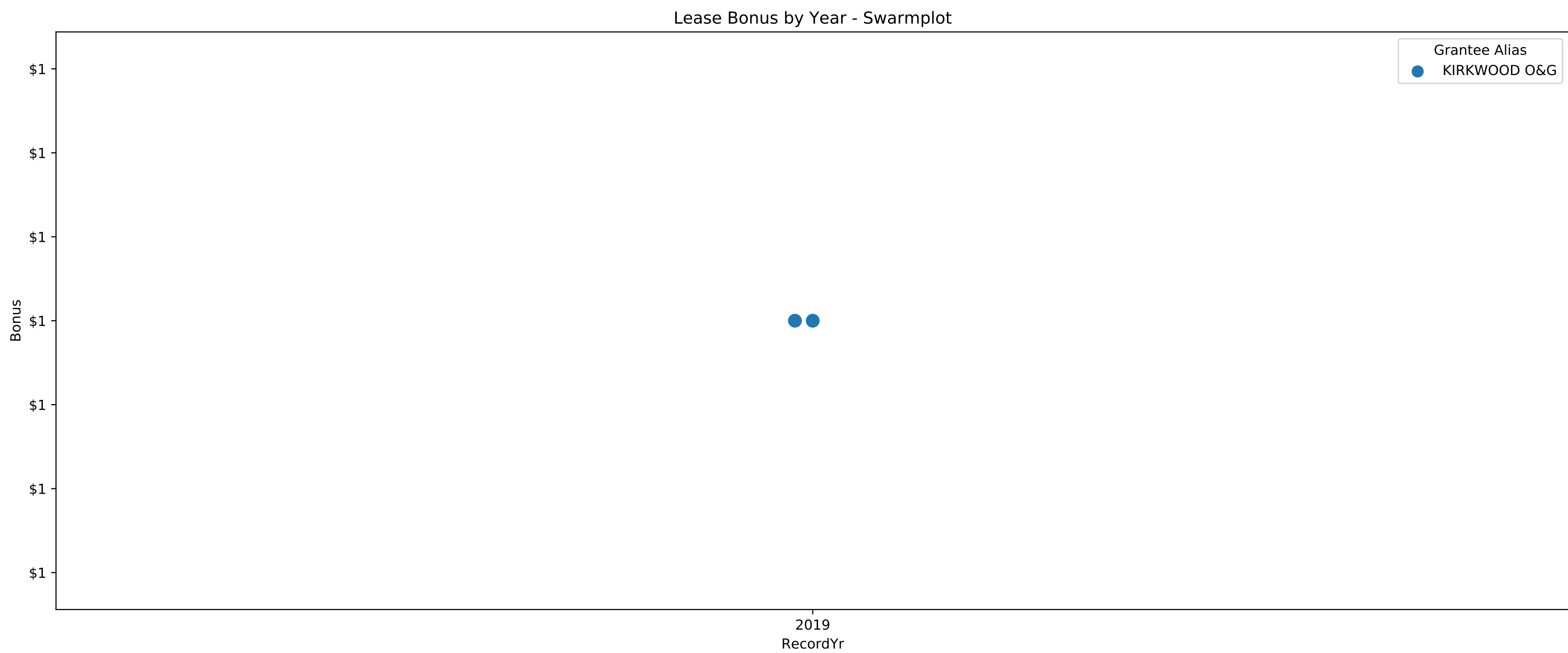
Lease Summary for tract 64
Total Number of Leases: 7
Average Price \$2/acre in 2019



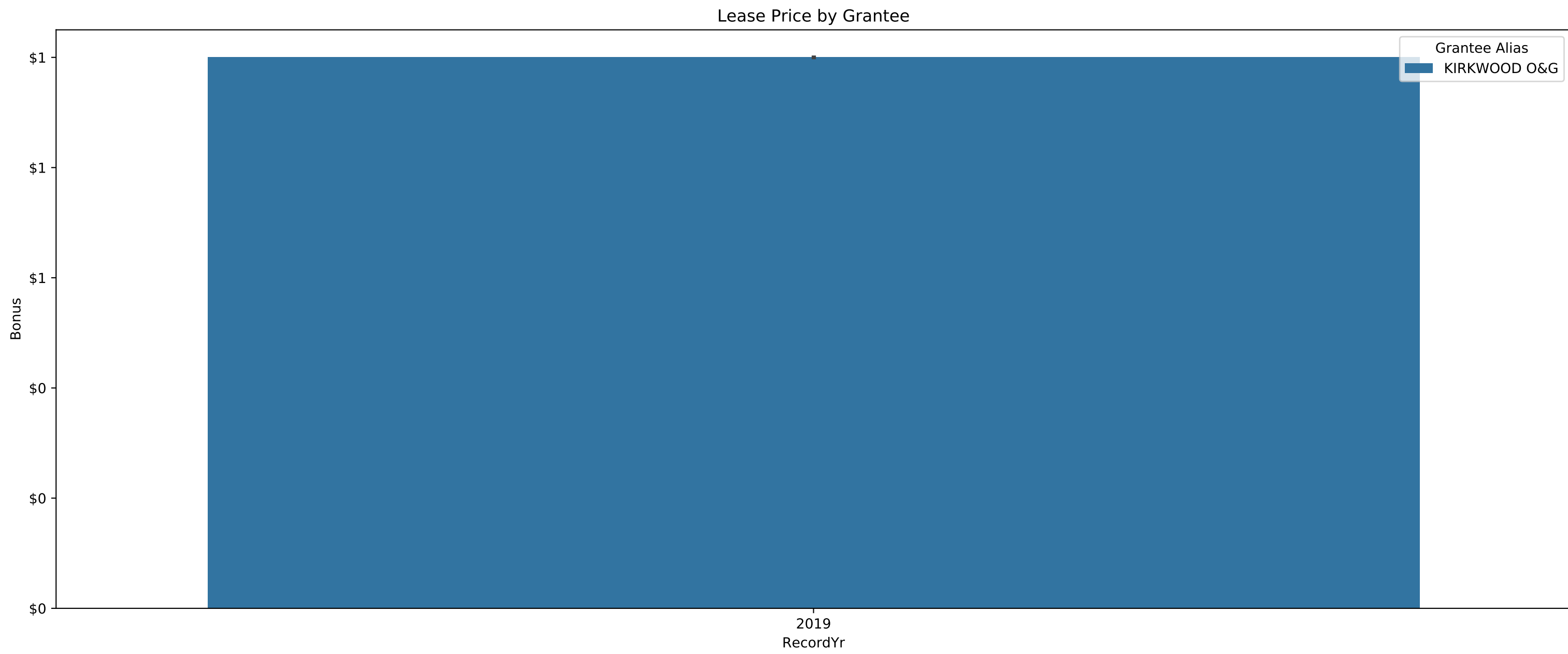
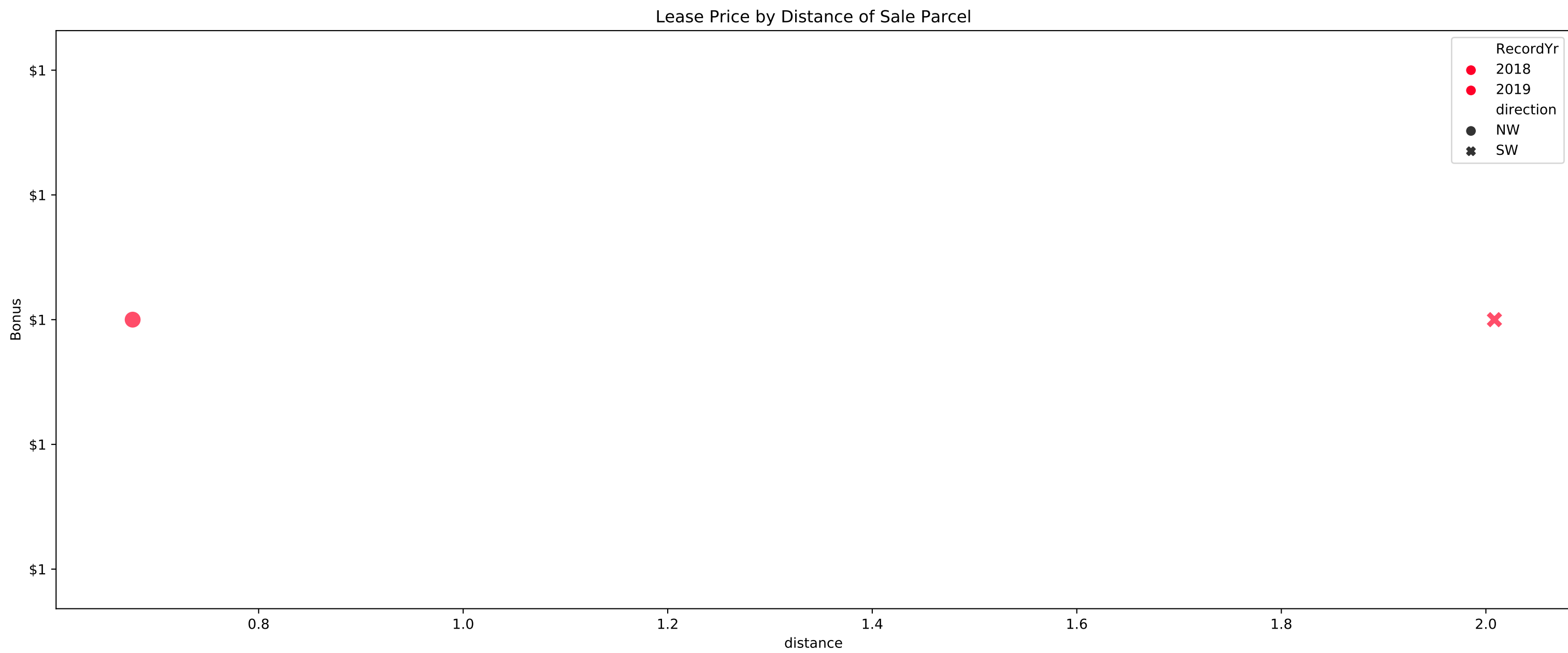
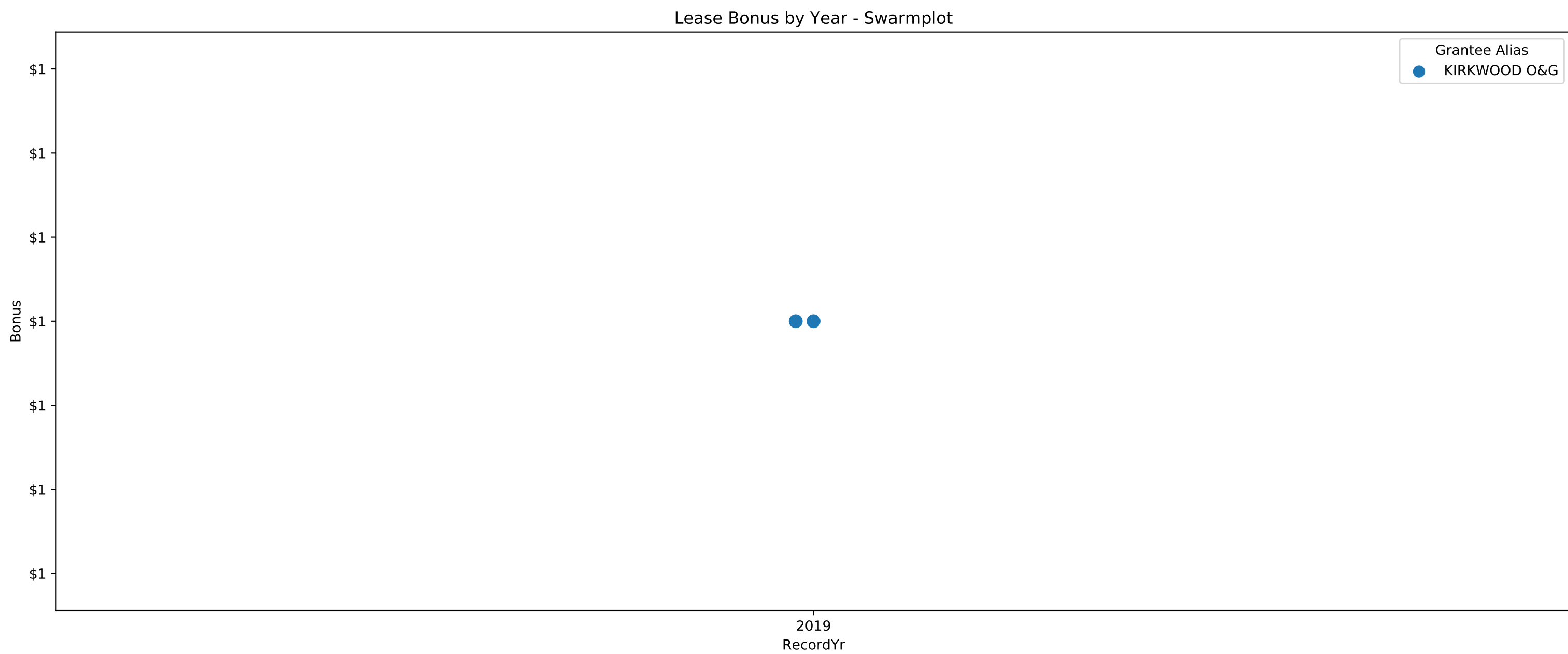
Lease Summary for tract 79
Total Number of Leases: 42
Average Price \$71/acre in 2019



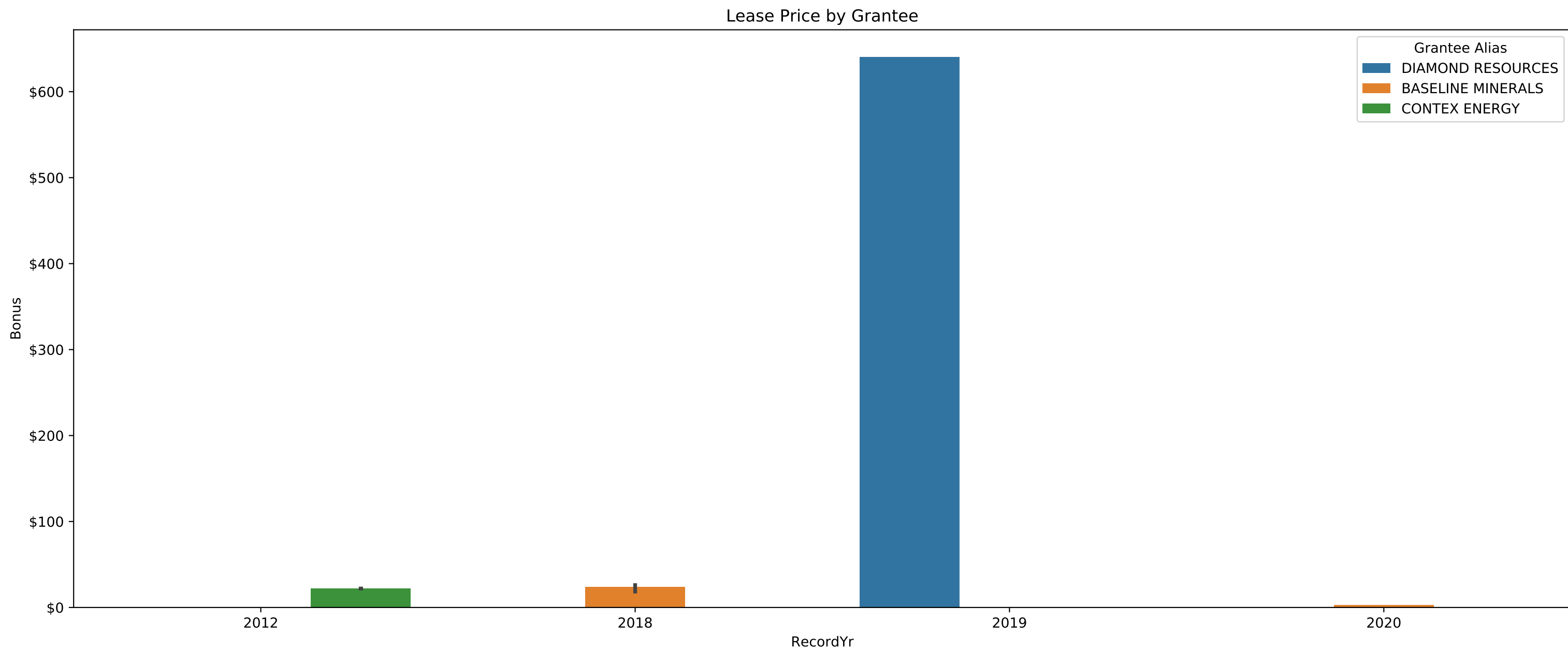
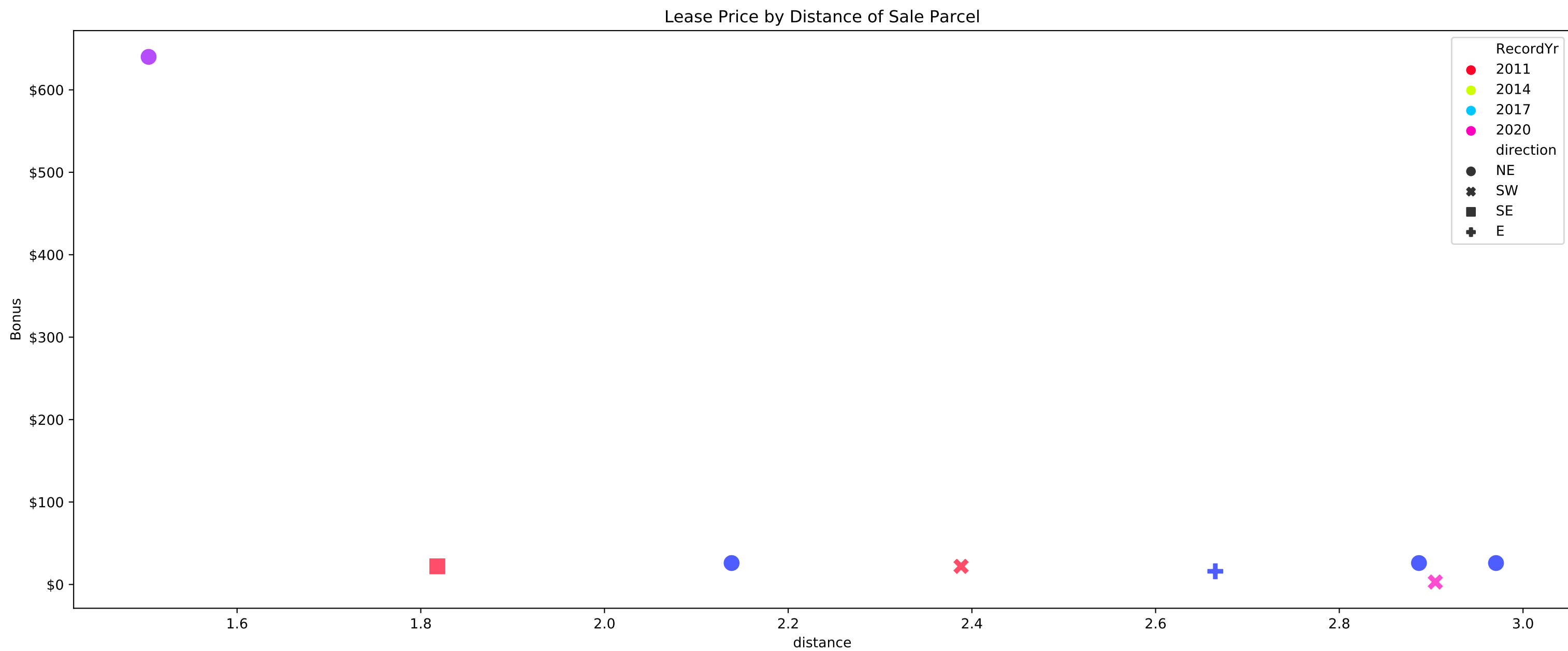
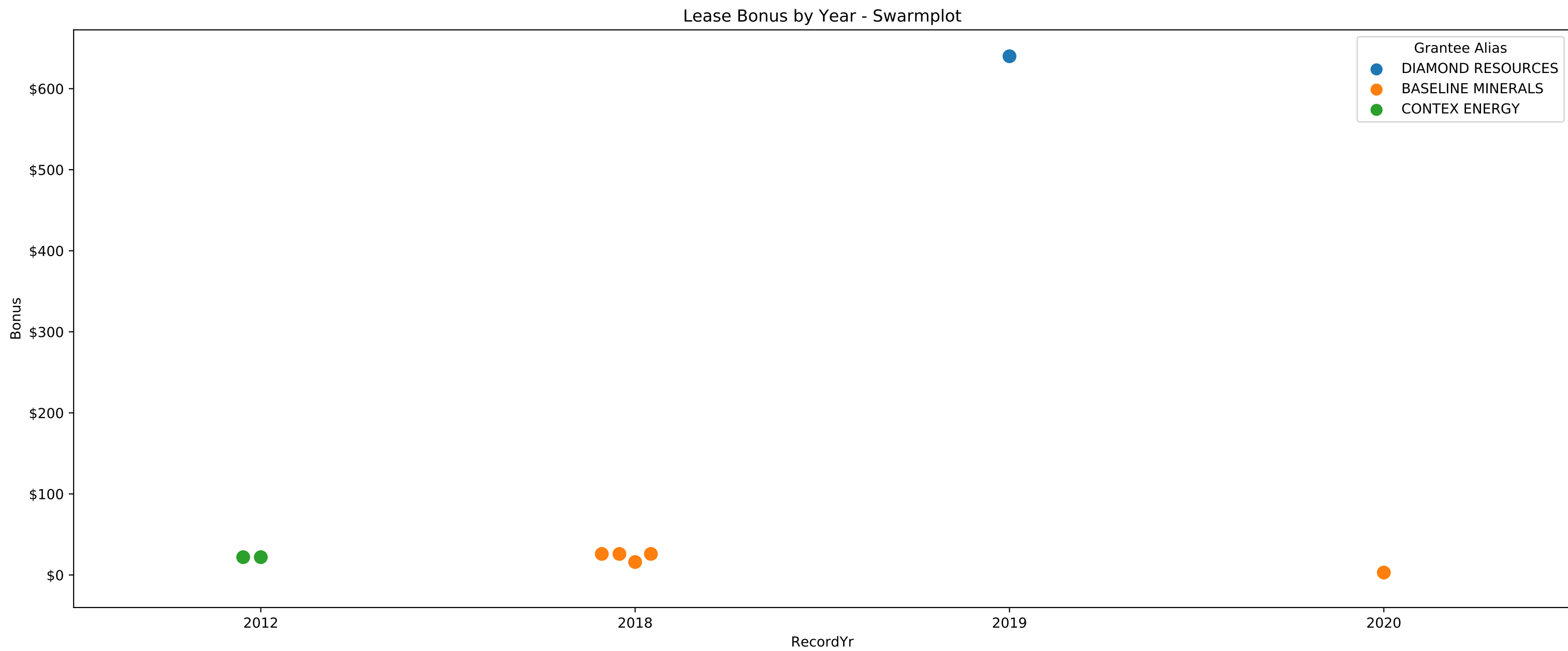
Lease Summary for tract 116
Total Number of Leases: 2
Average Price \$1/acre in 2019



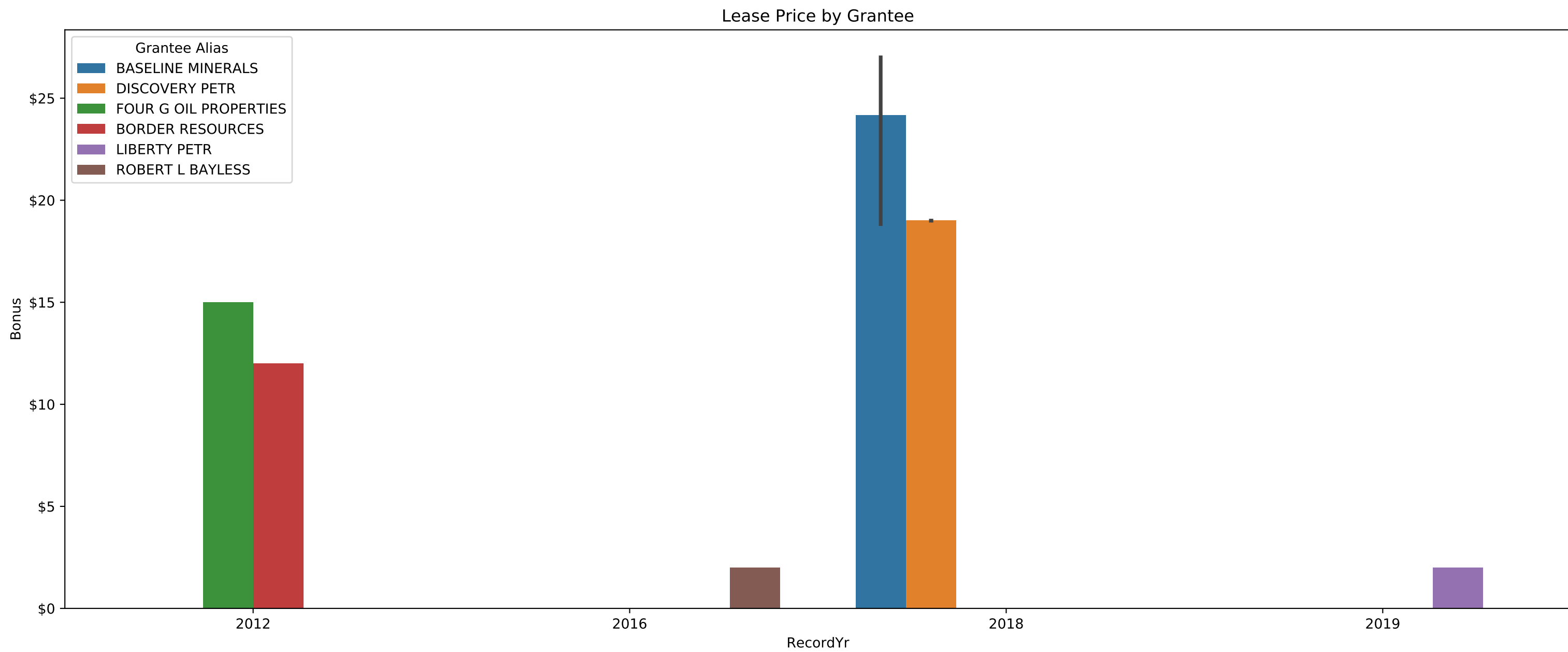
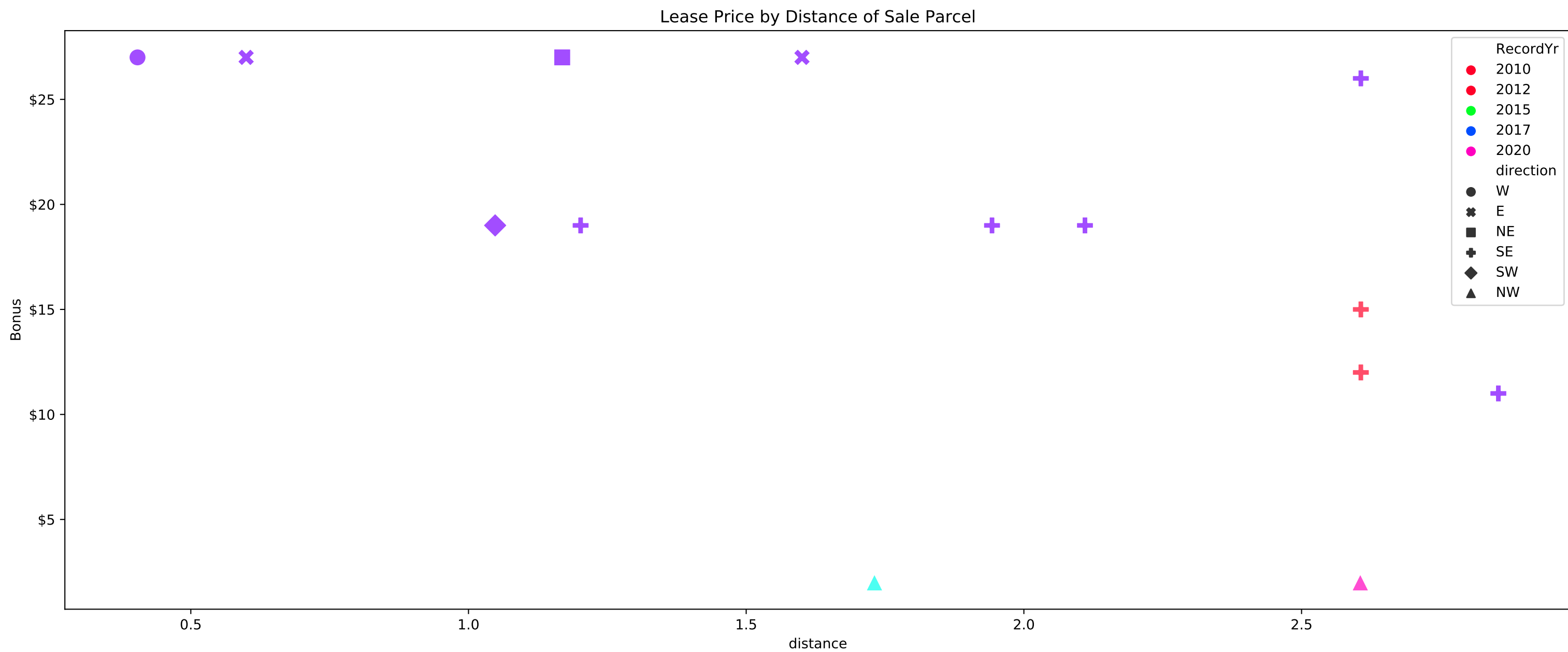
Lease Summary for tract 115
Total Number of Leases: 2
Average Price \$1/acre in 2019



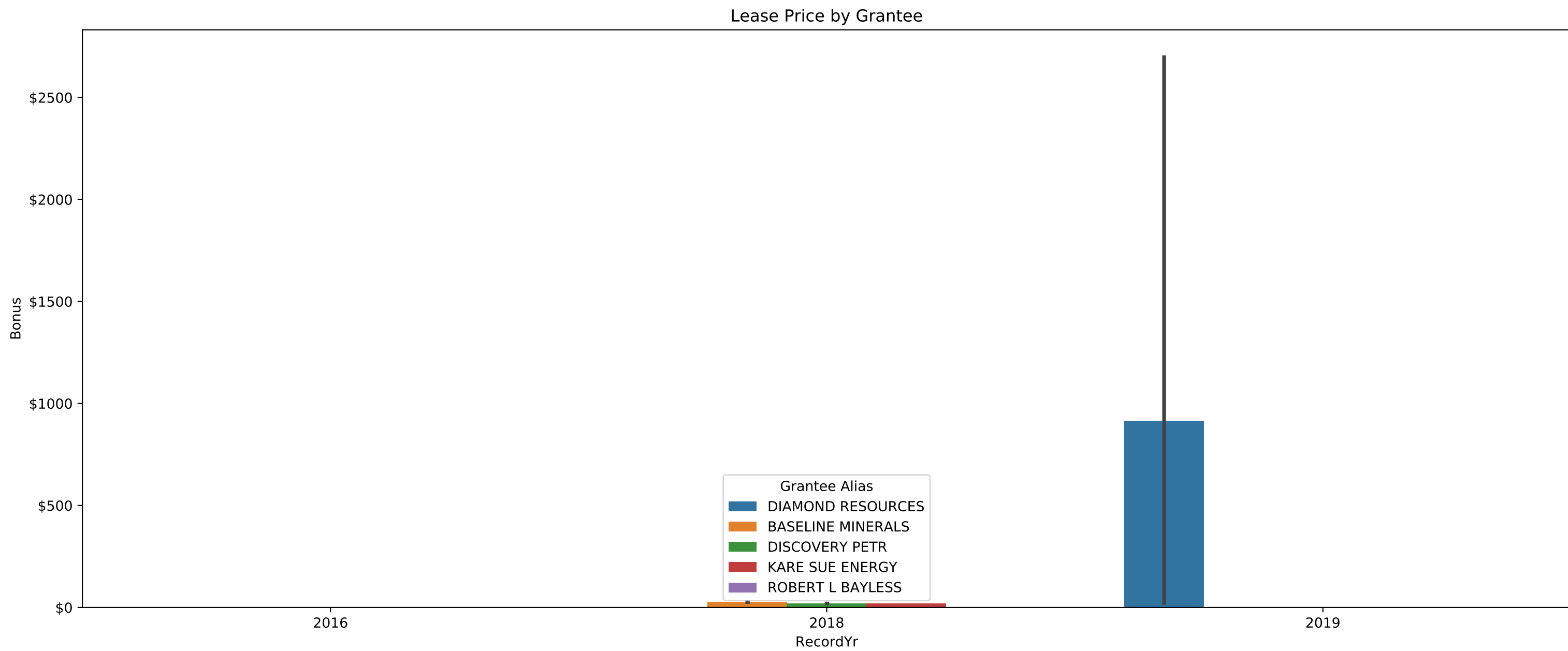
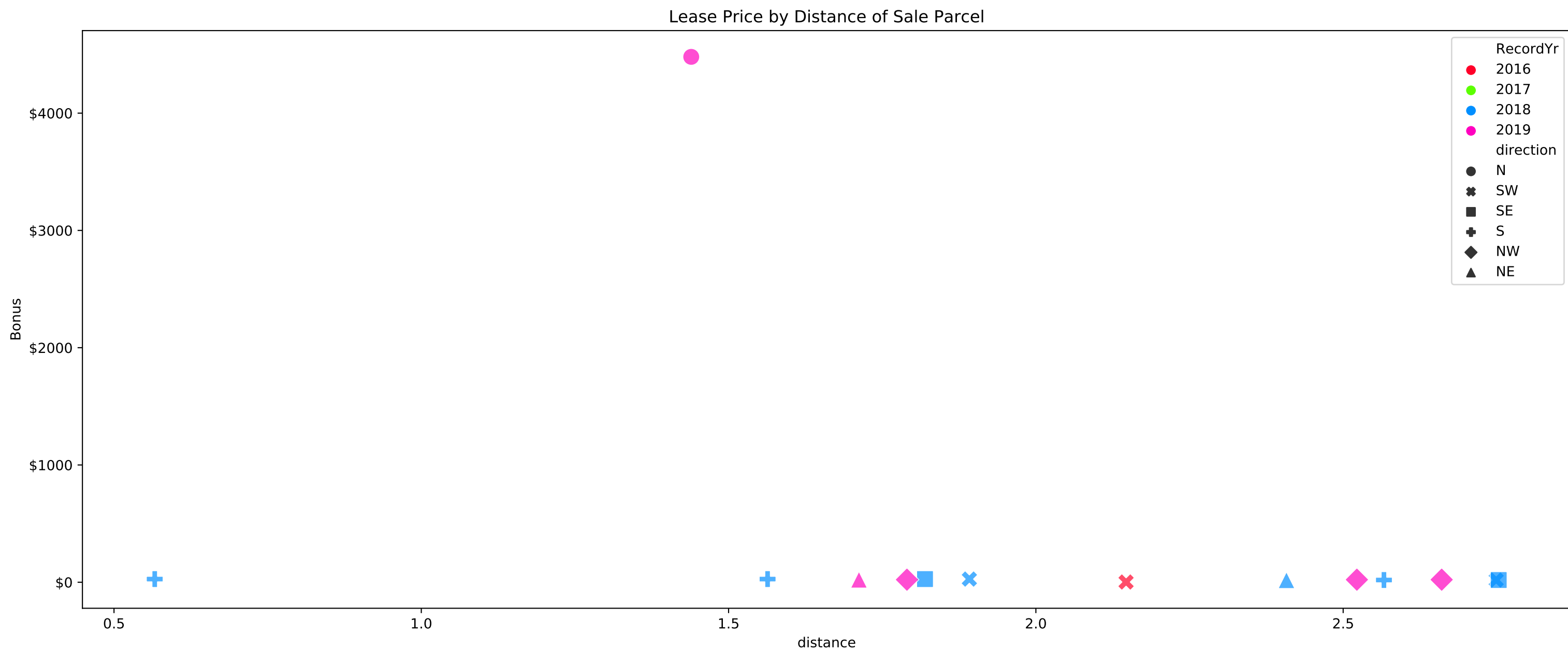
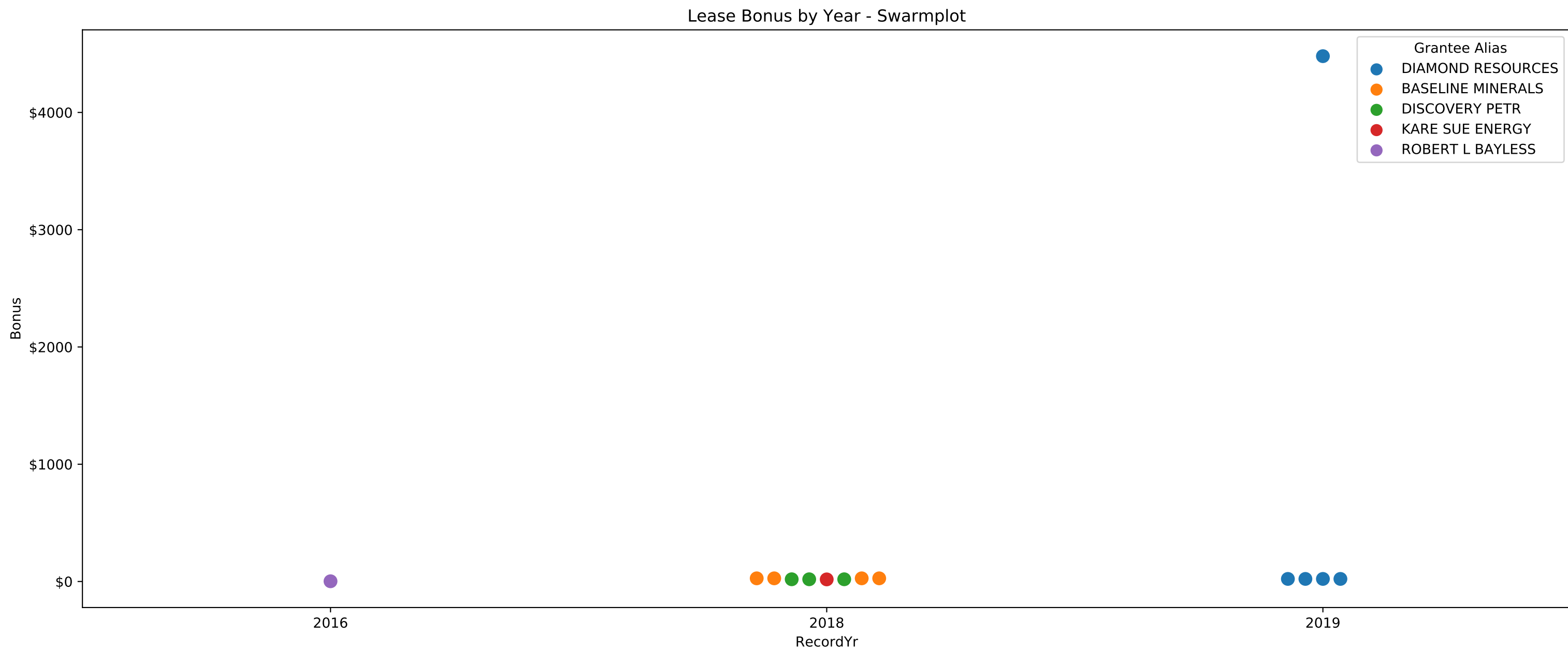
Lease Summary for tract 98
Total Number of Leases: 8
Average Price \$3/acre in 2020



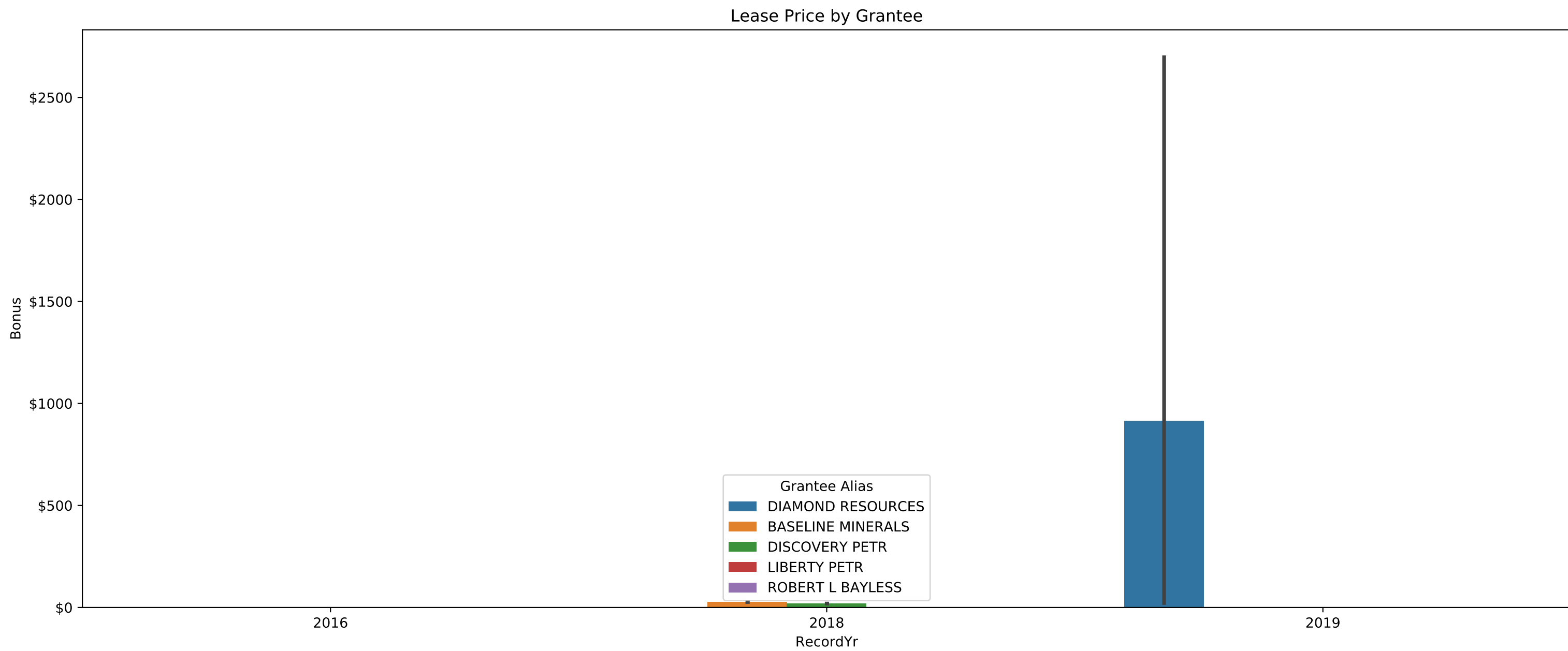
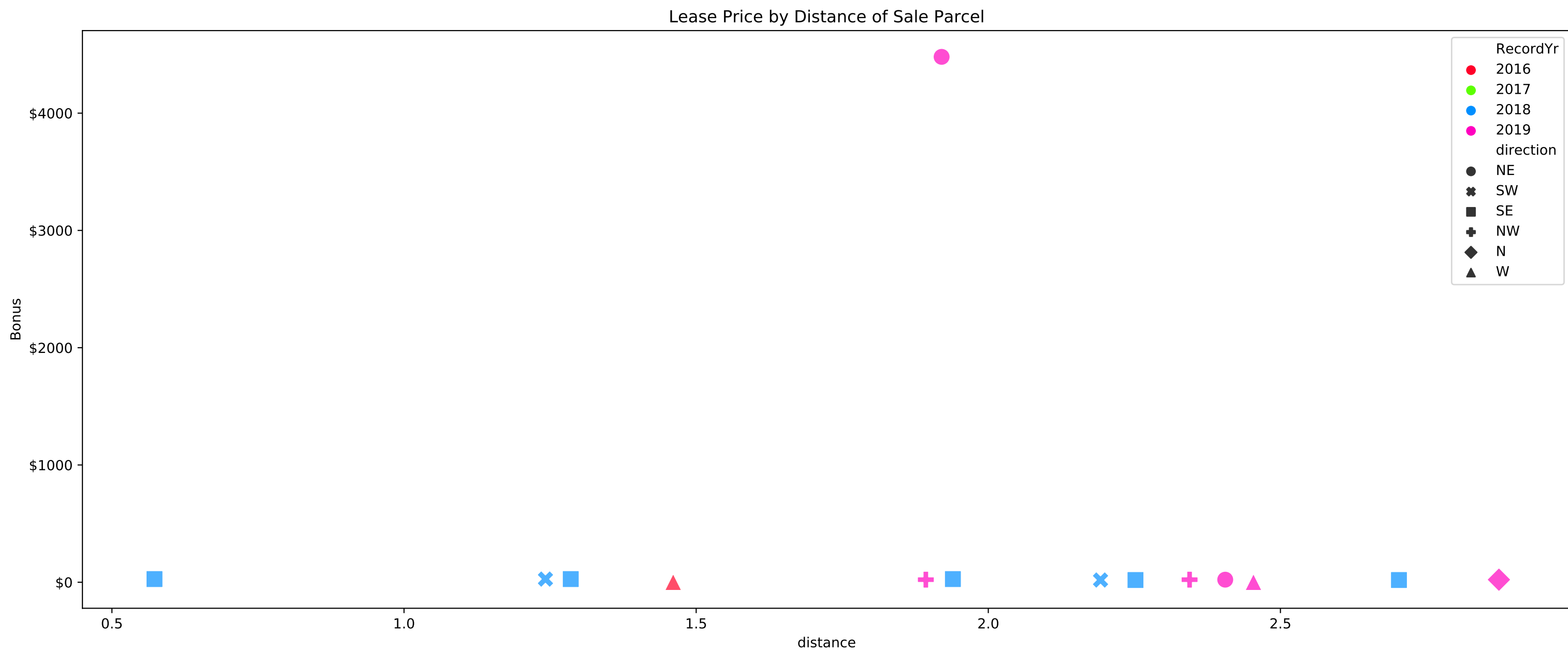
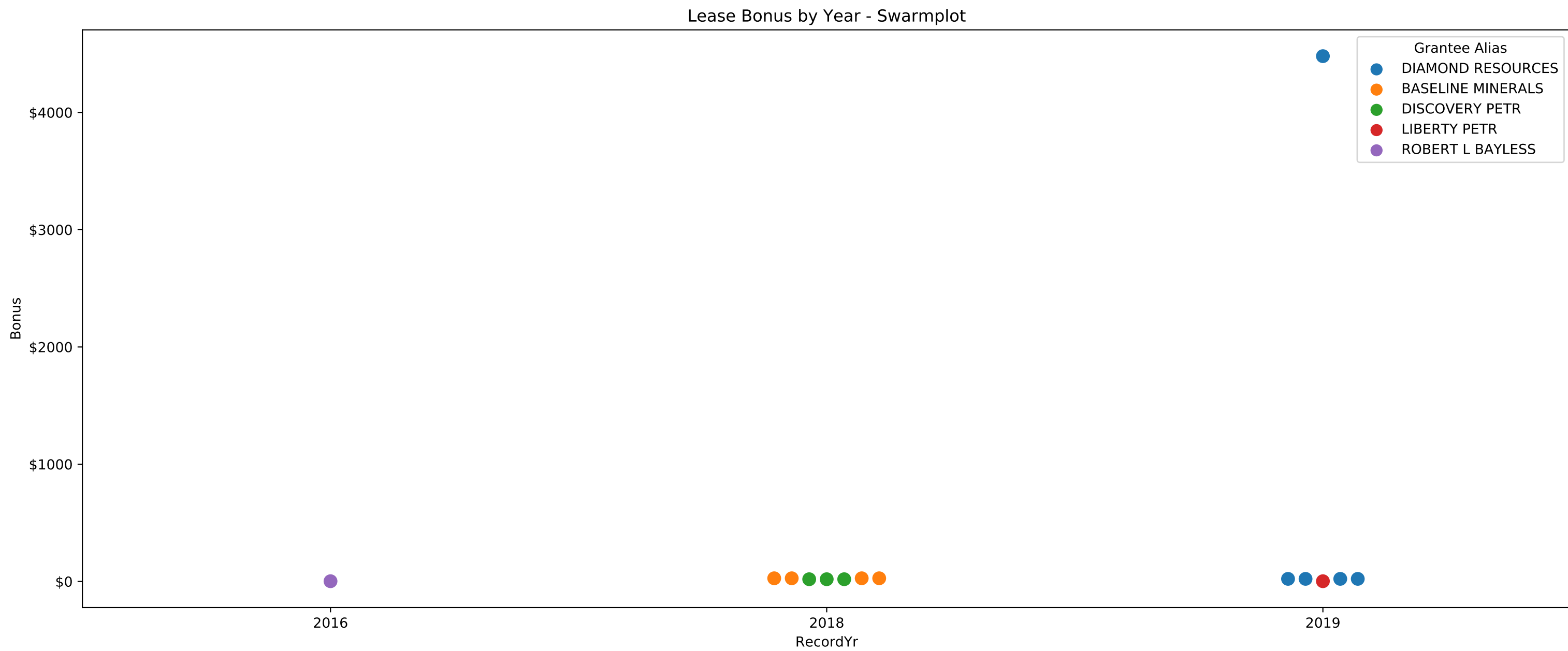
Lease Summary for tract 89
Total Number of Leases: 14
Average Price \$2/acre in 2019



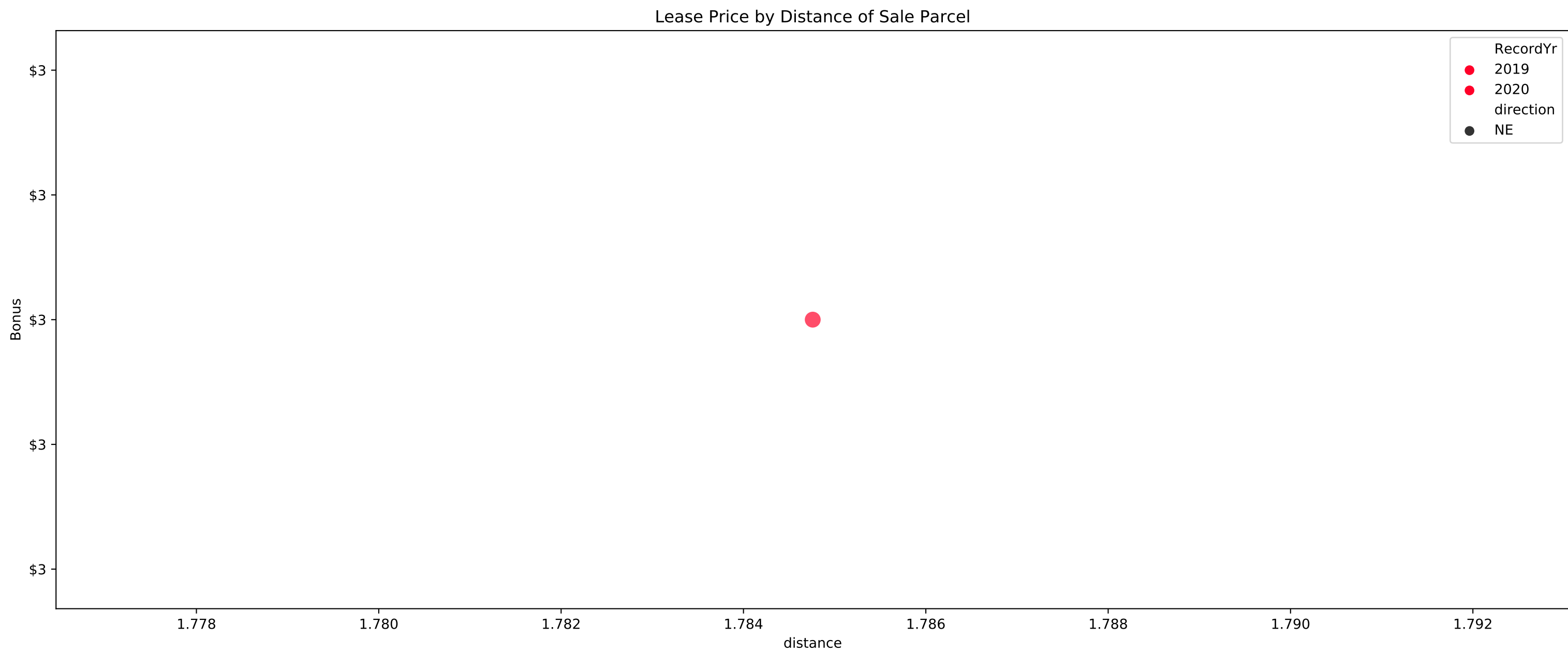
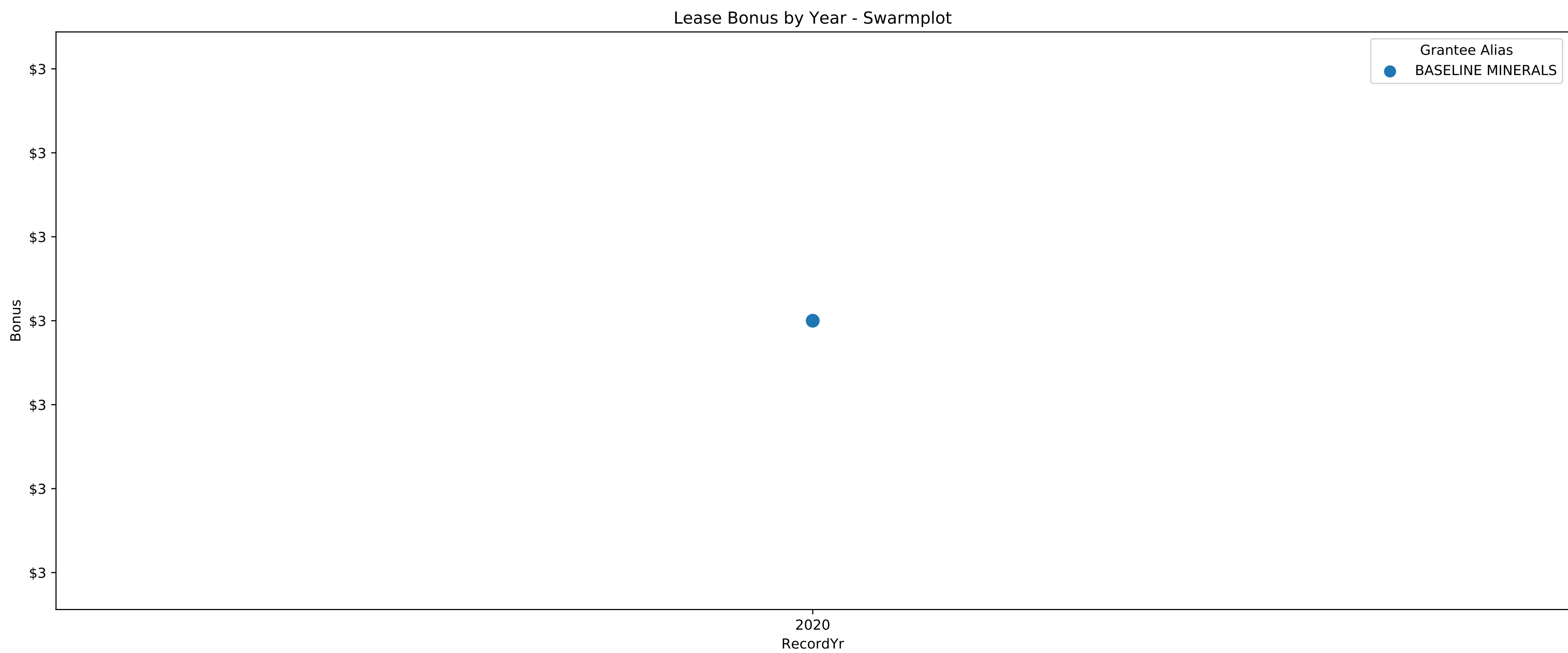
Lease Summary for tract 132
Total Number of Leases: 14
Average Price \$914/acre in 2019



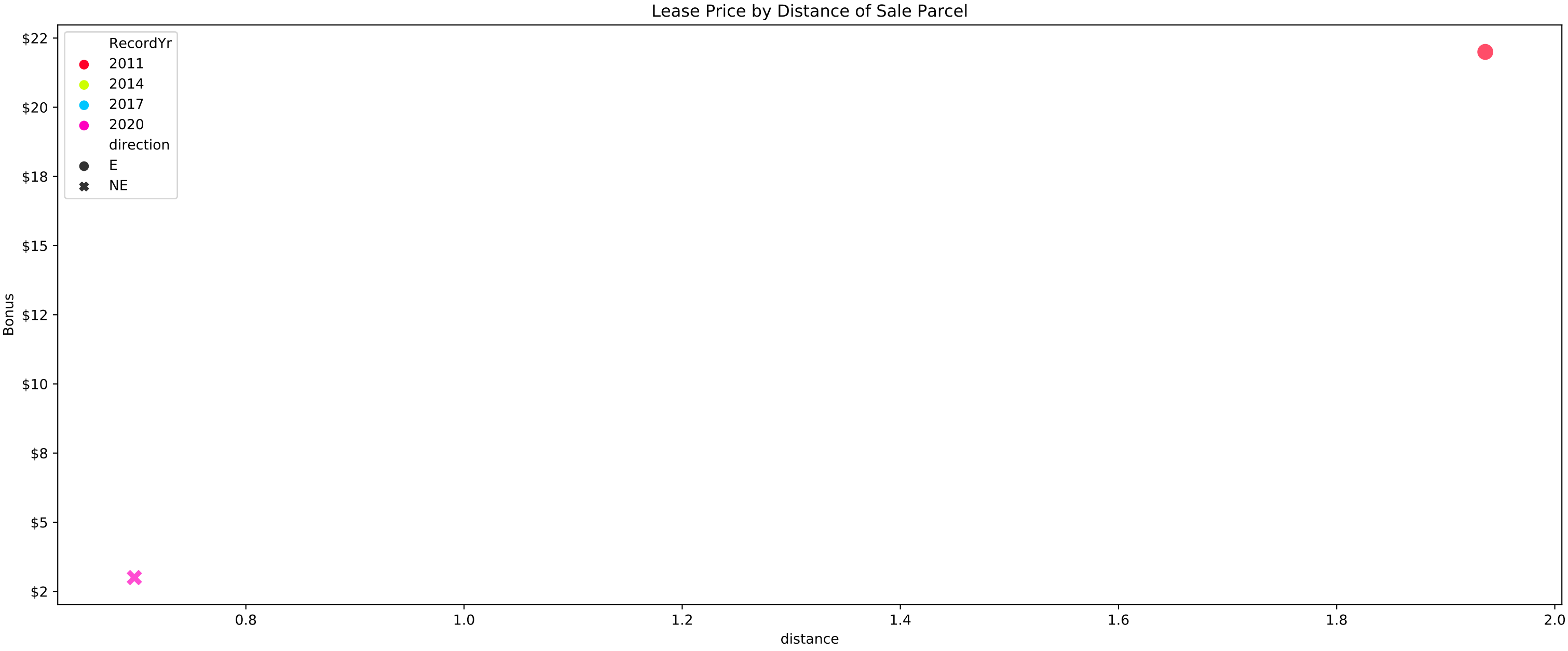
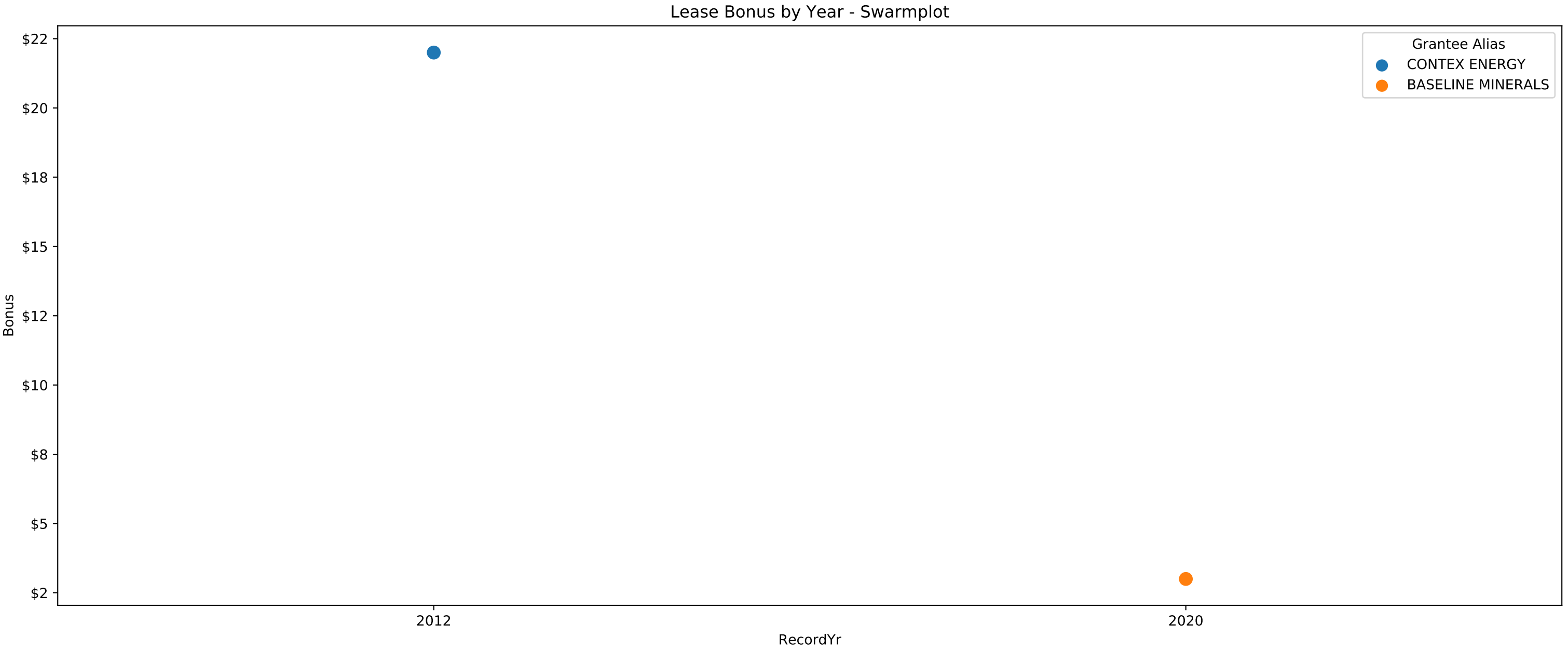
Lease Summary for tract 131
Total Number of Leases: 14
Average Price \$762/acre in 2019



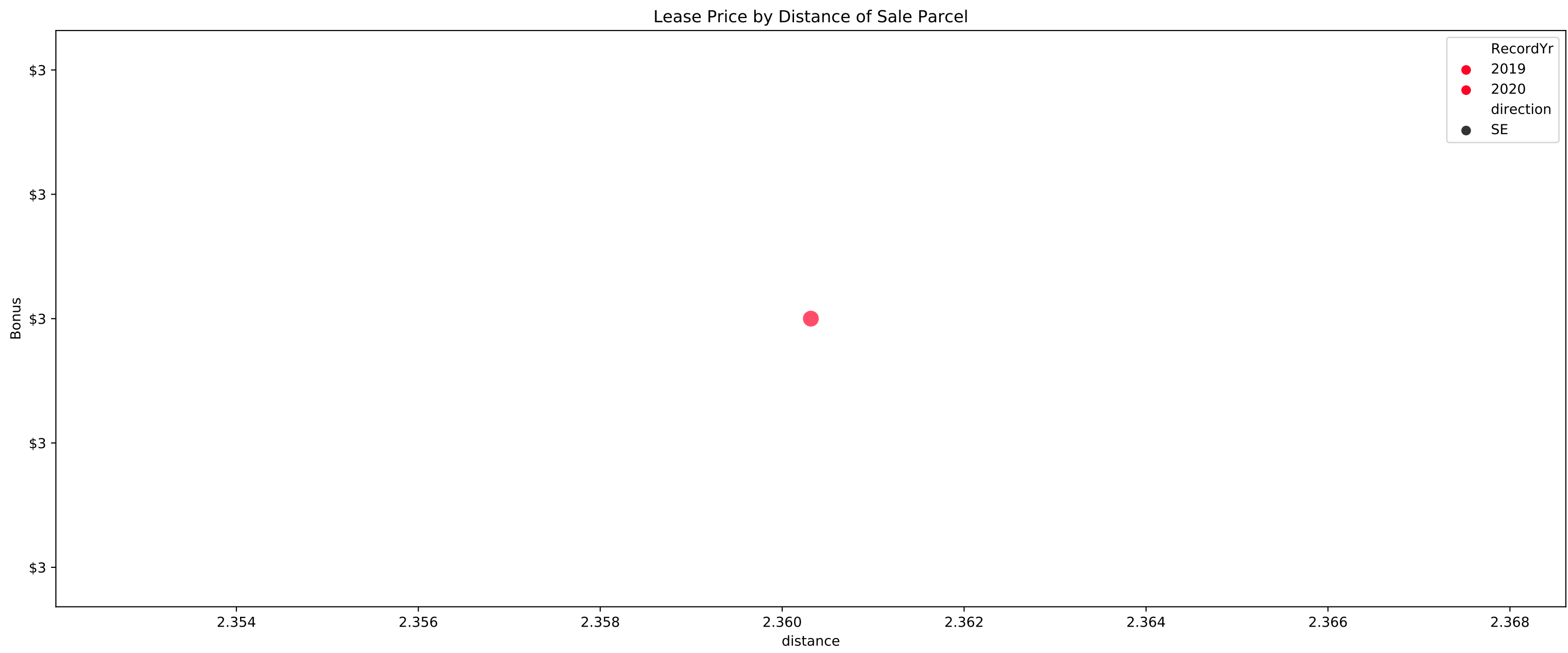
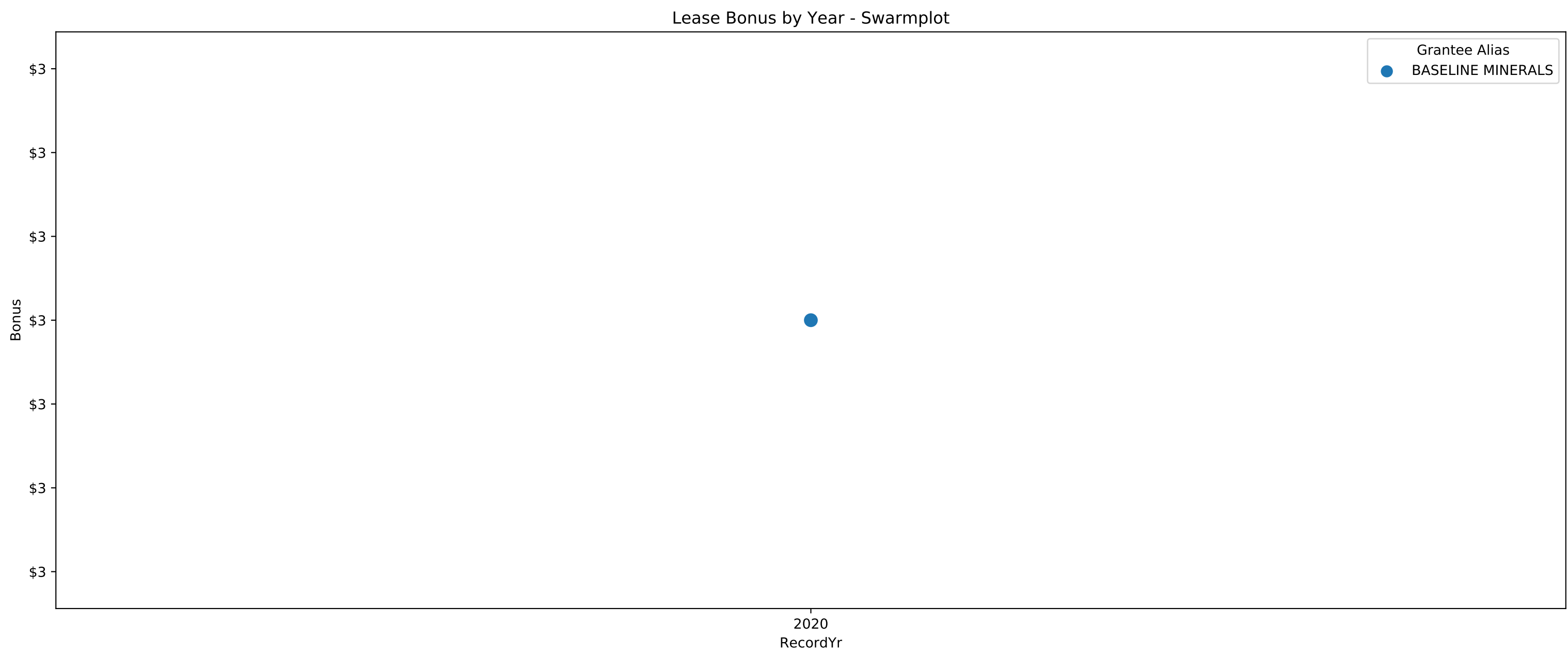
Lease Summary for tract 102
Total Number of Leases: 1
Average Price \$3/acre in 2020



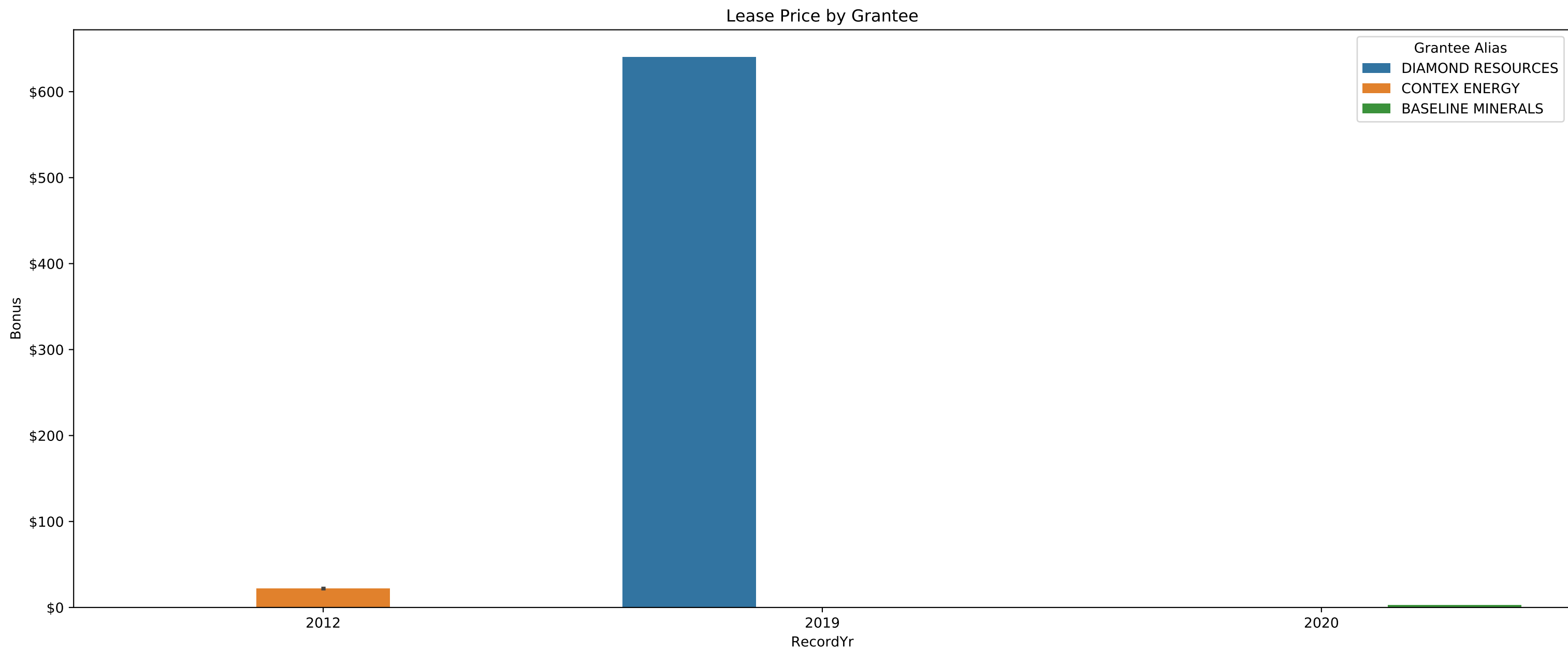
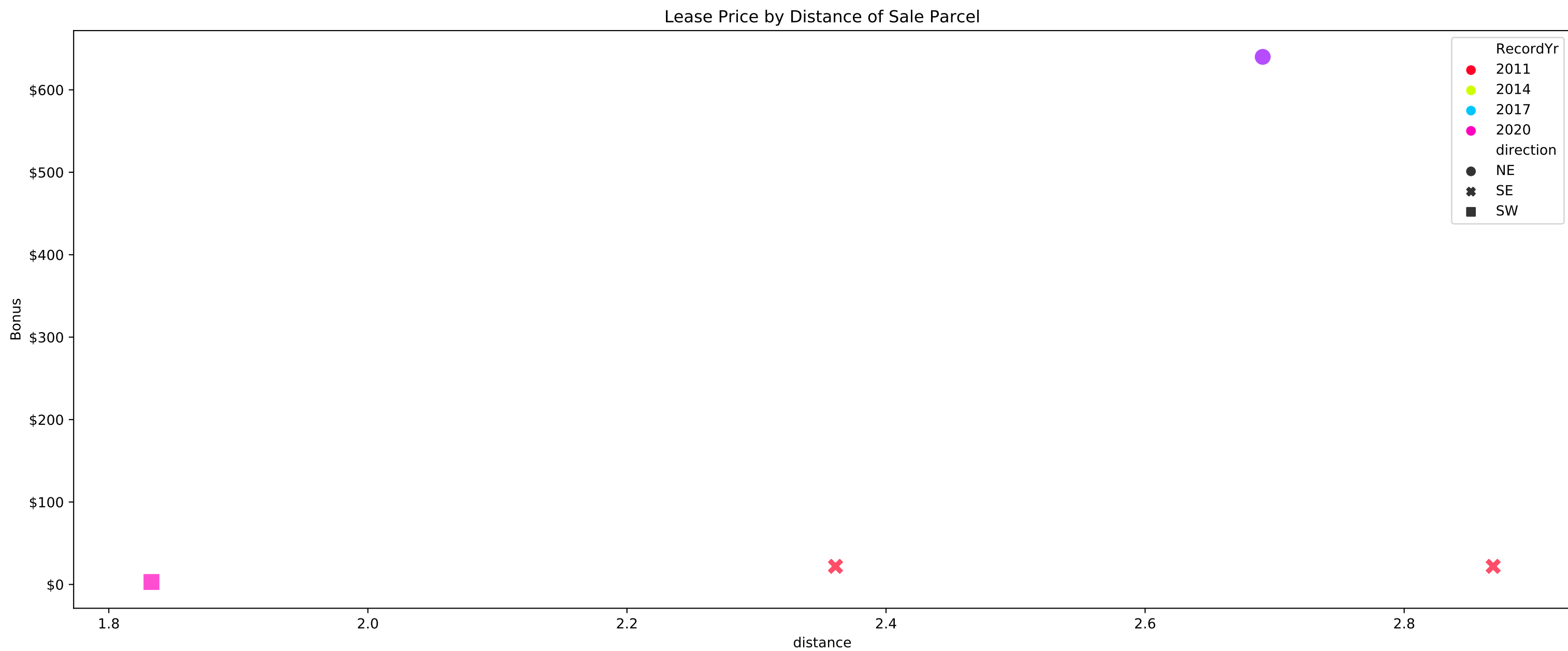
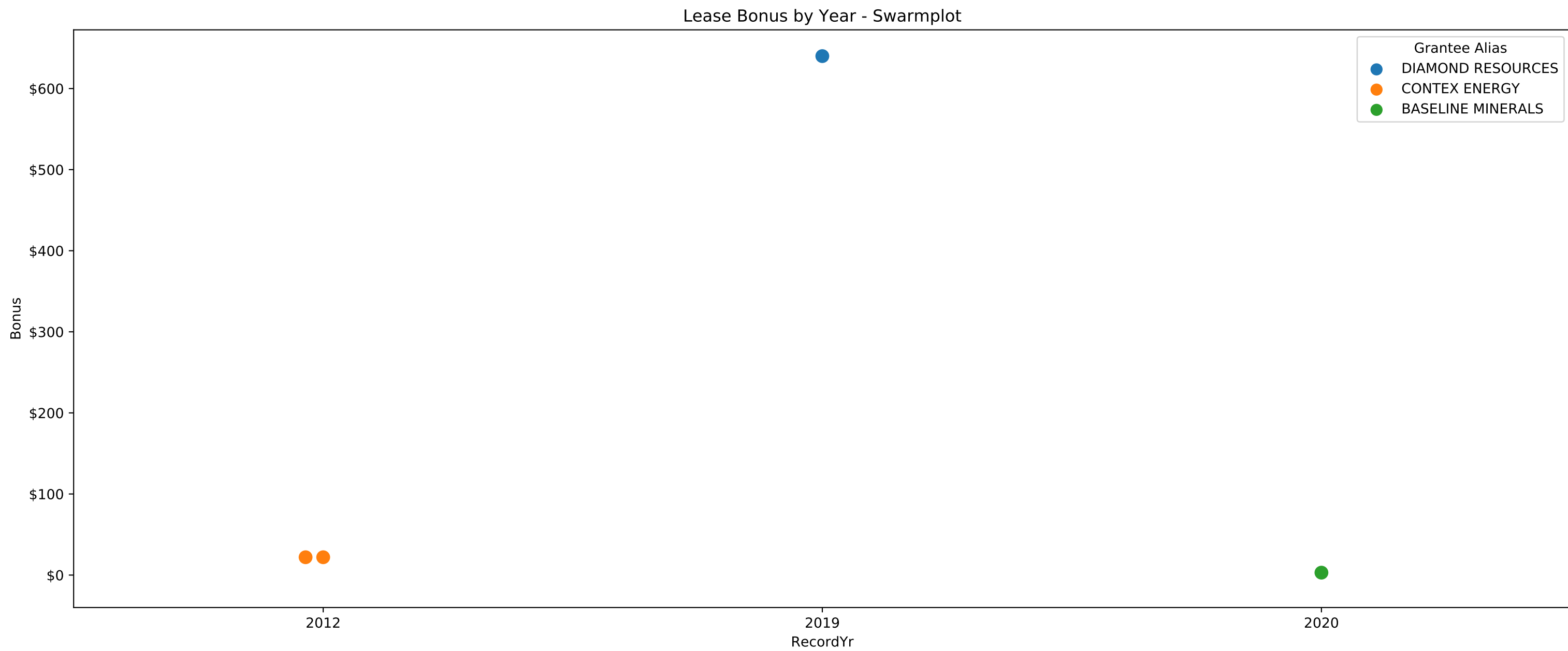
Lease Summary for tract 101
Total Number of Leases: 2
Average Price \$3/acre in 2020



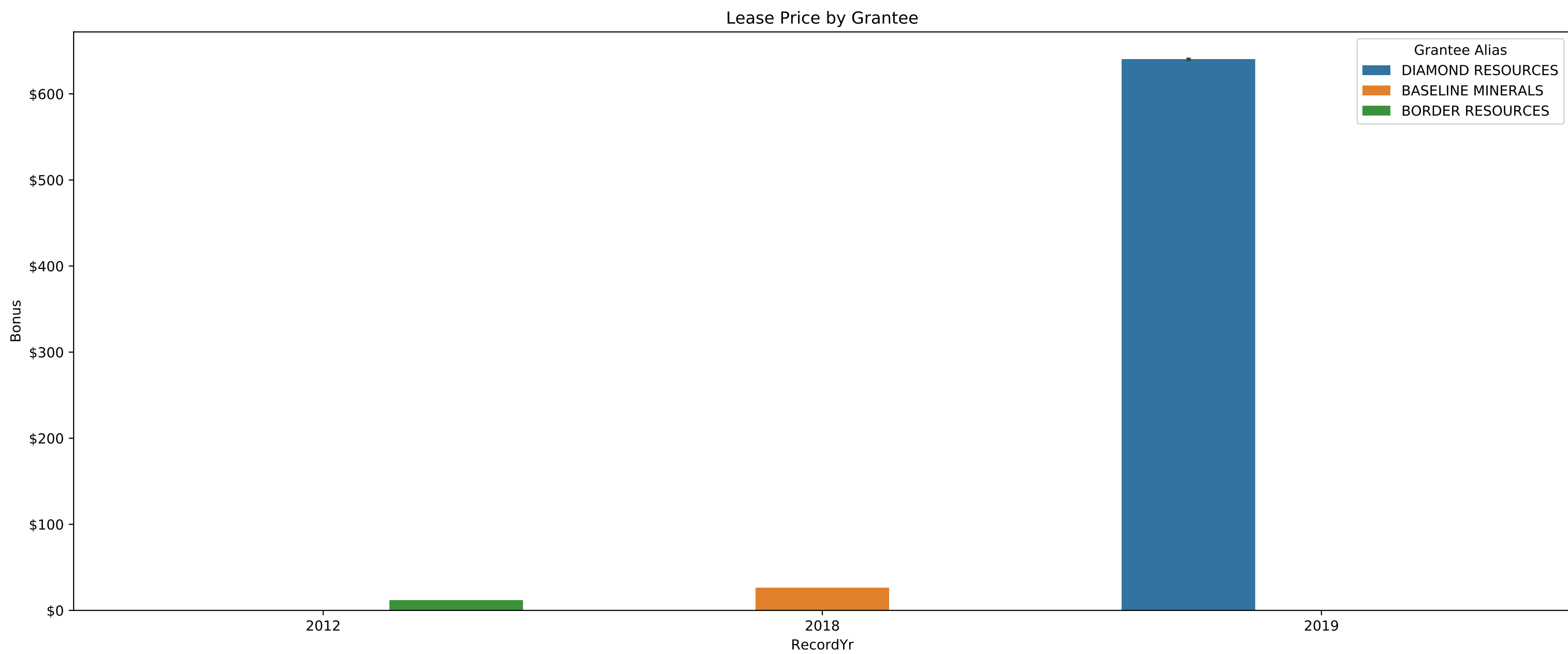
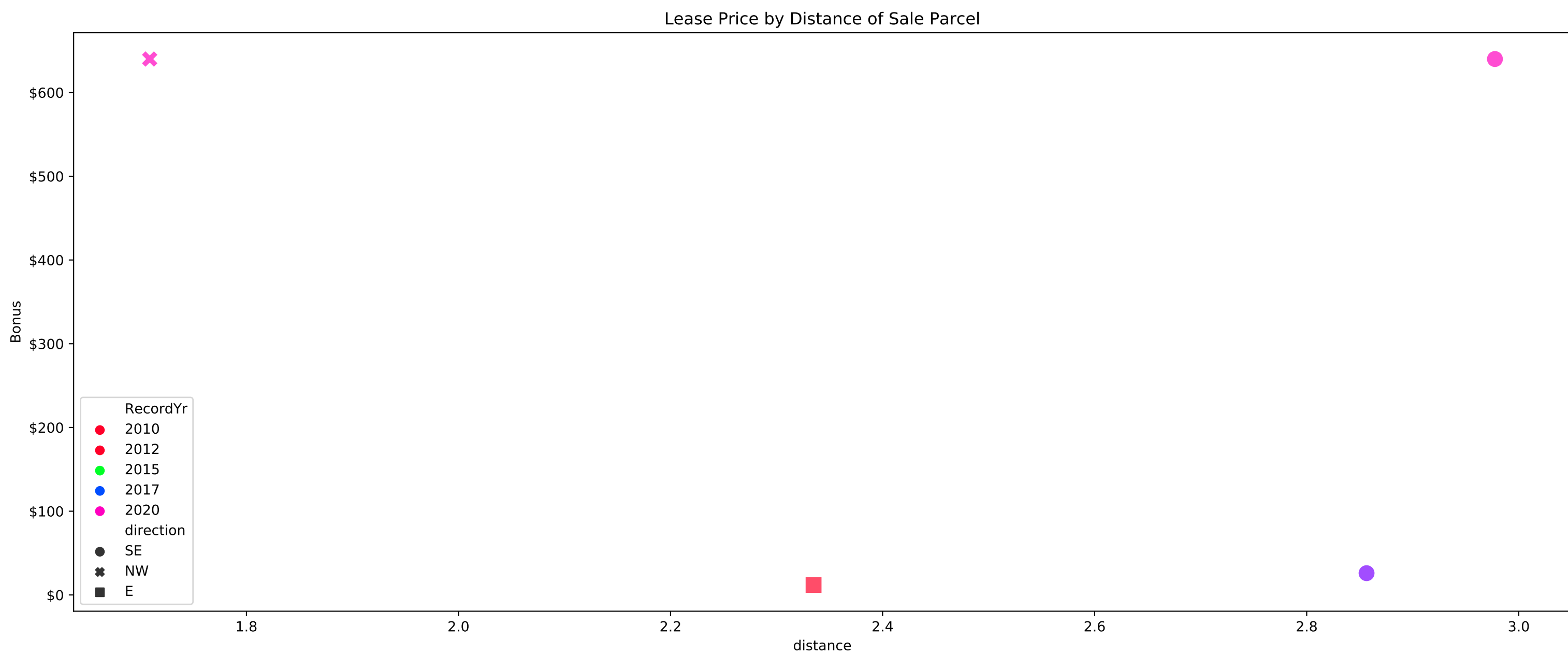
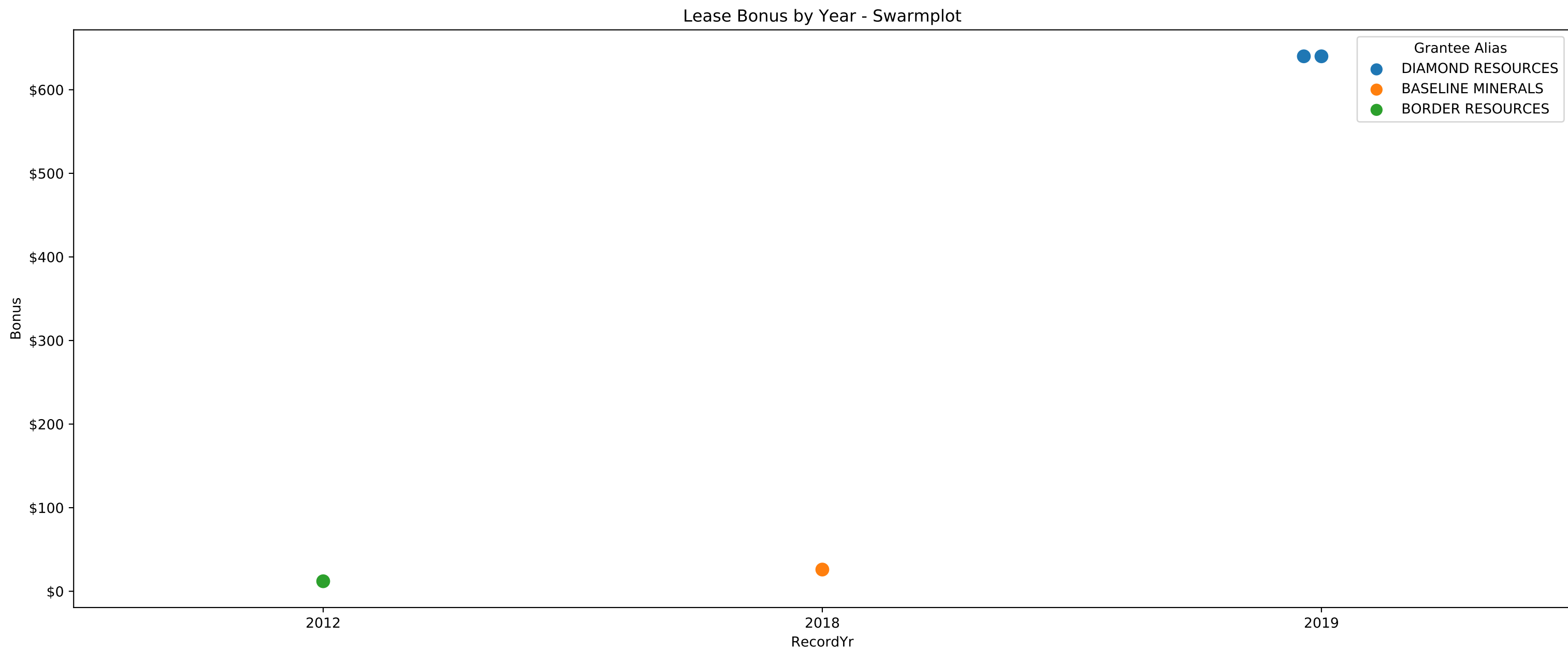
Lease Summary for tract 100
Total Number of Leases: 1
Average Price \$3/acre in 2020



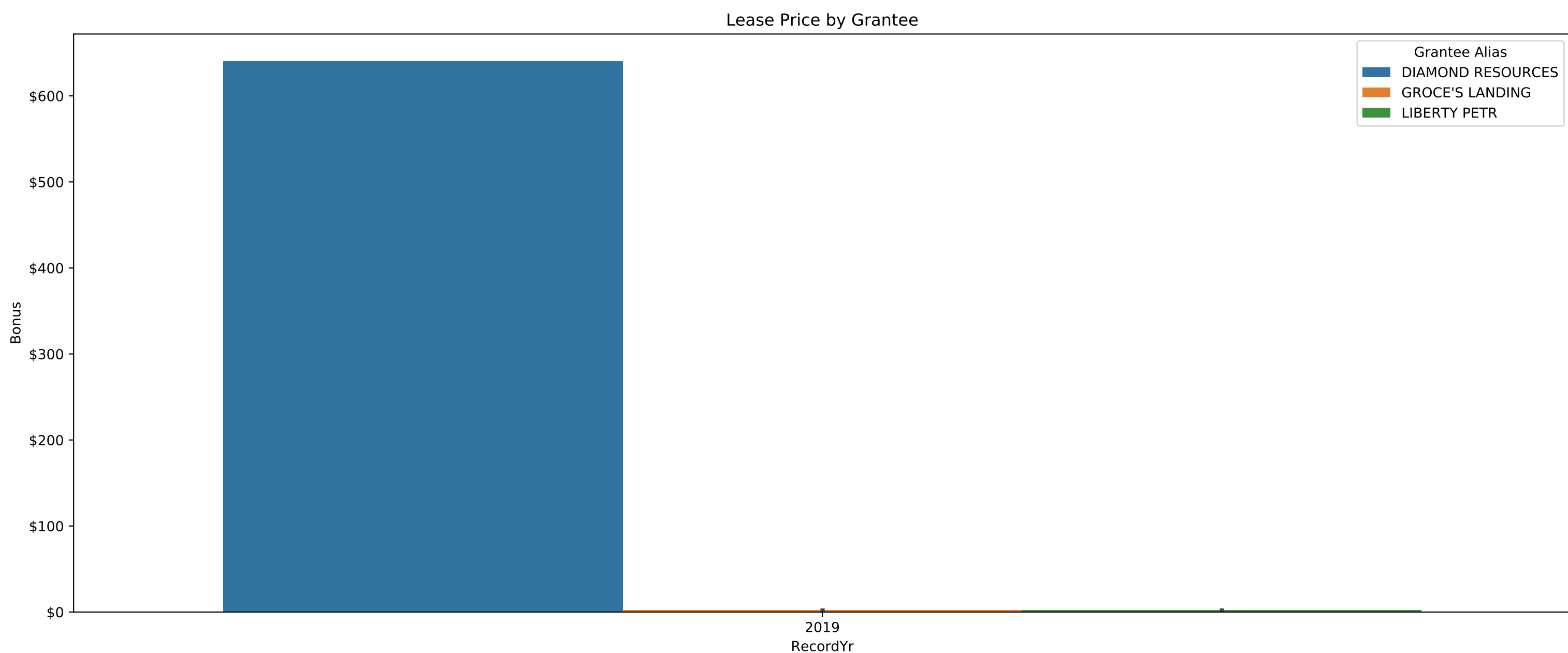
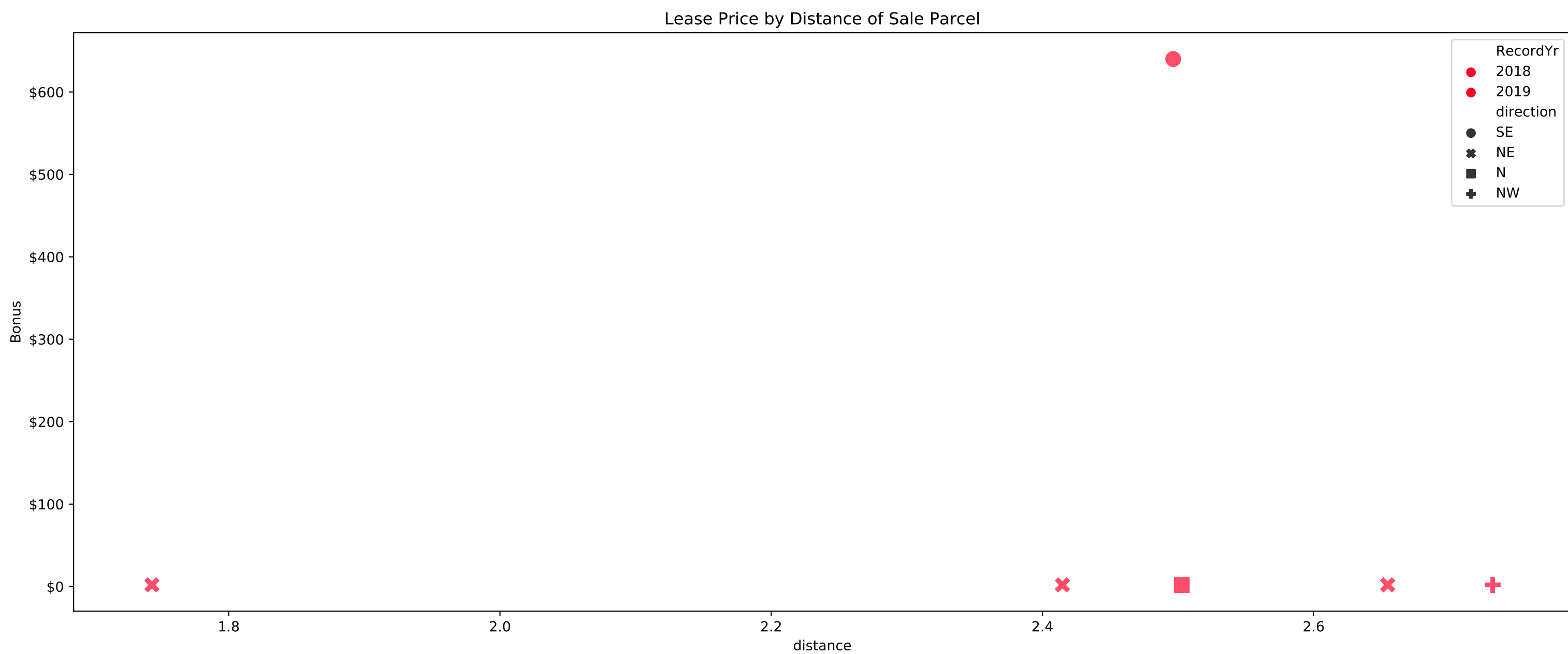
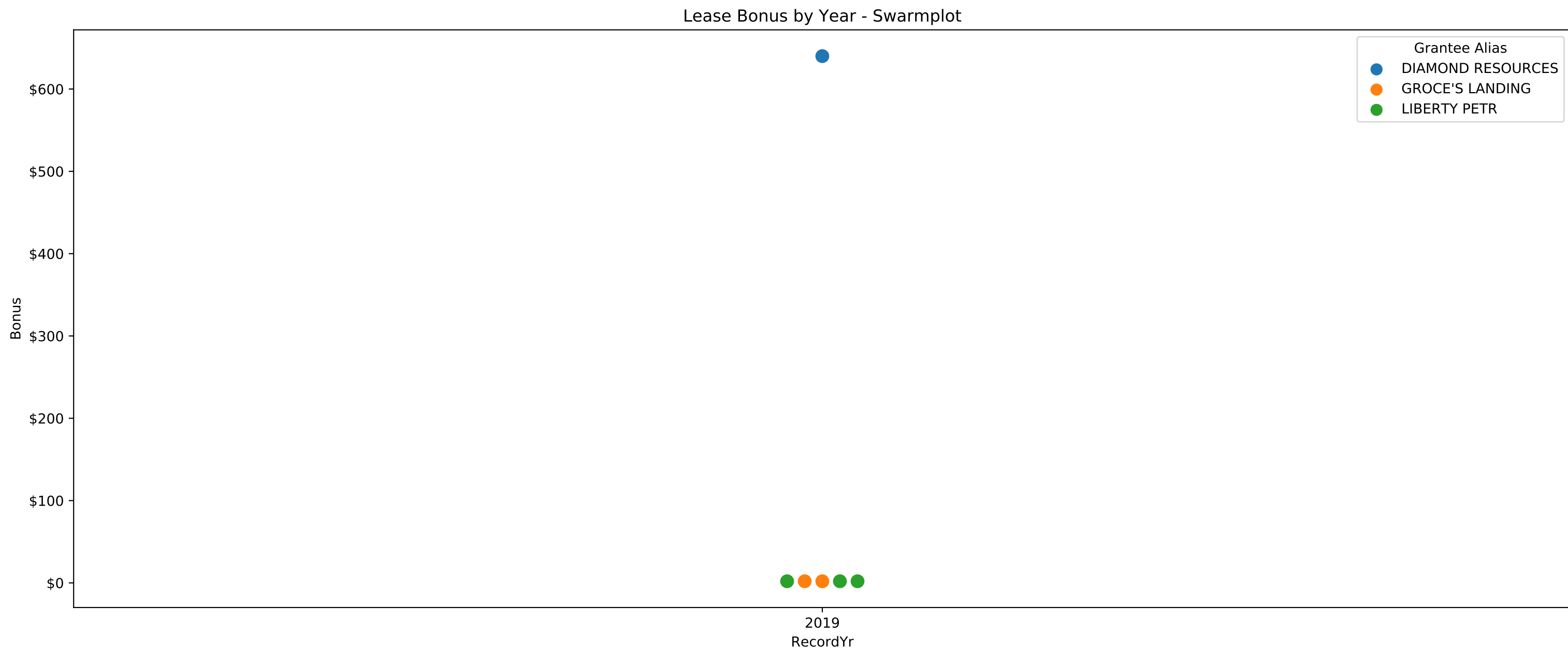
Lease Summary for tract 99
Total Number of Leases: 4
Average Price \$3/acre in 2020



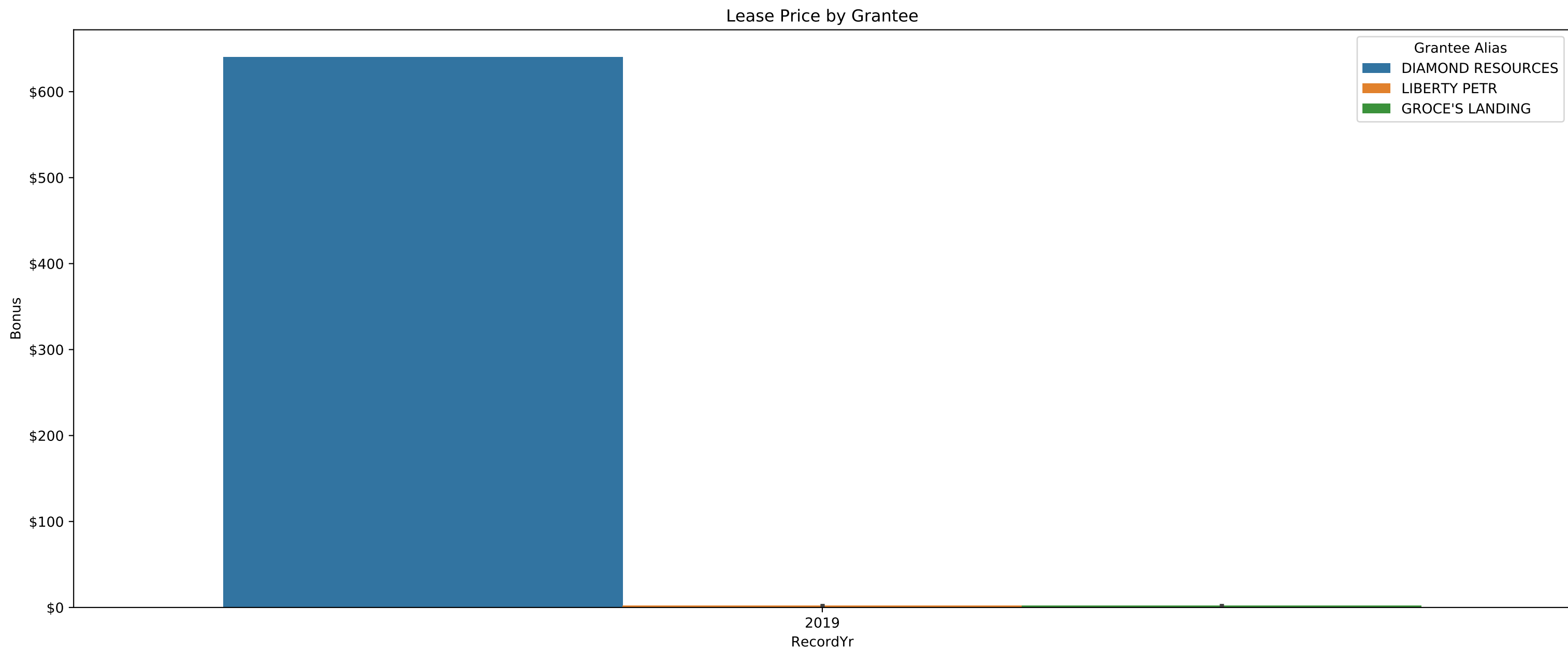
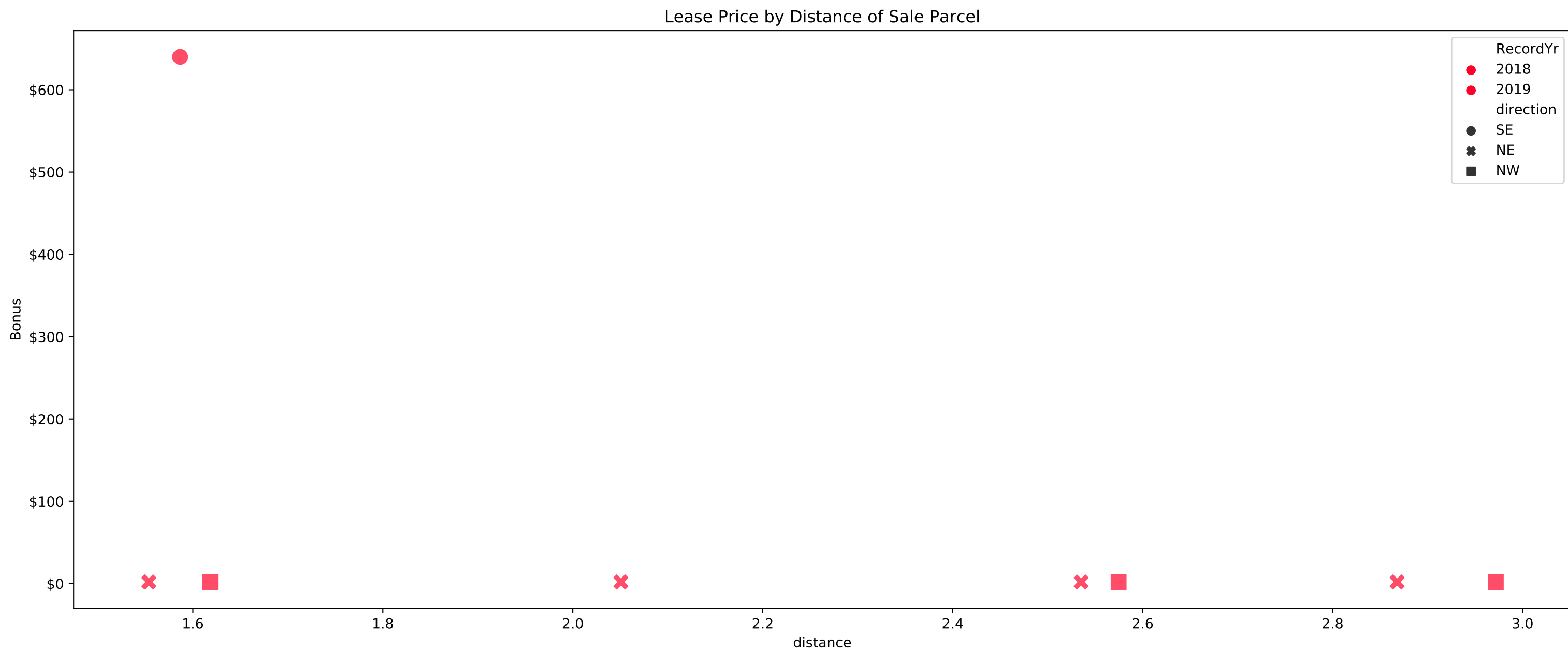
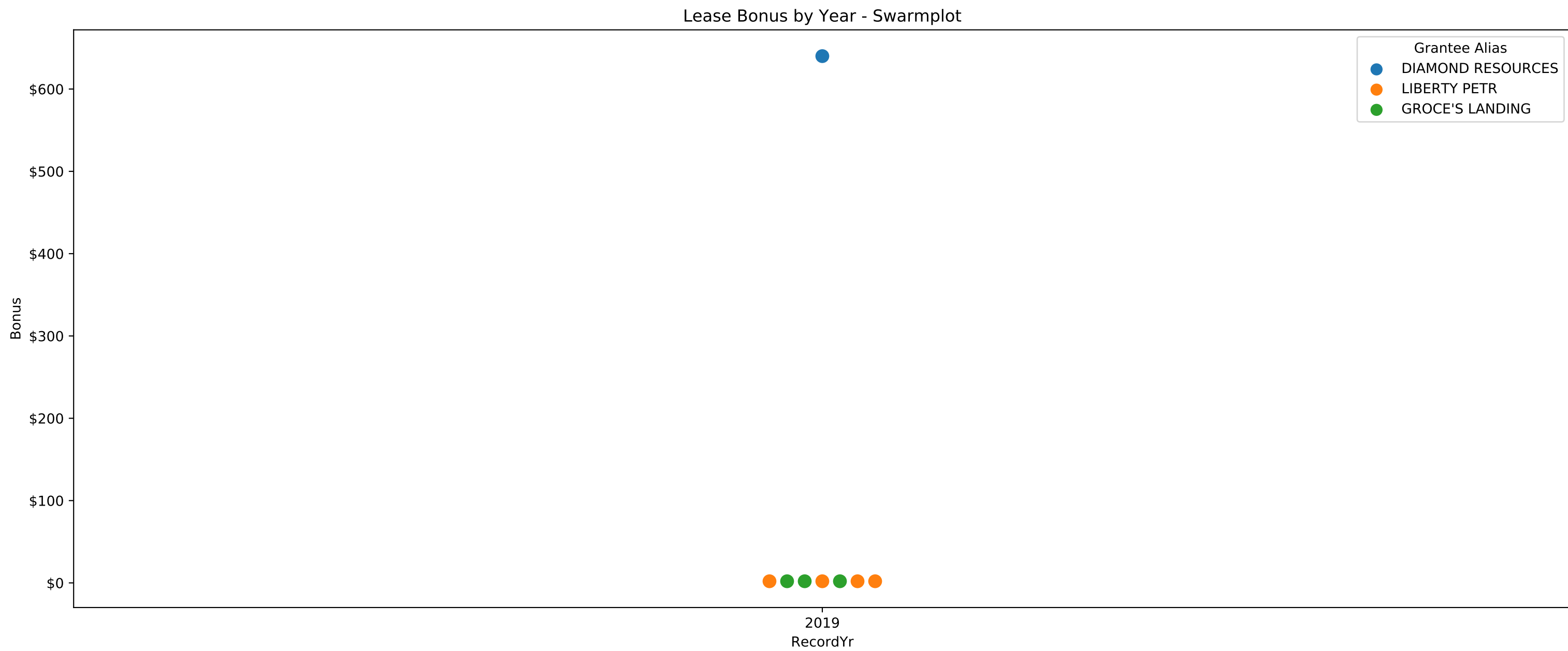
Lease Summary for tract 103
Total Number of Leases: 4
Average Price \$640/acre in 2019



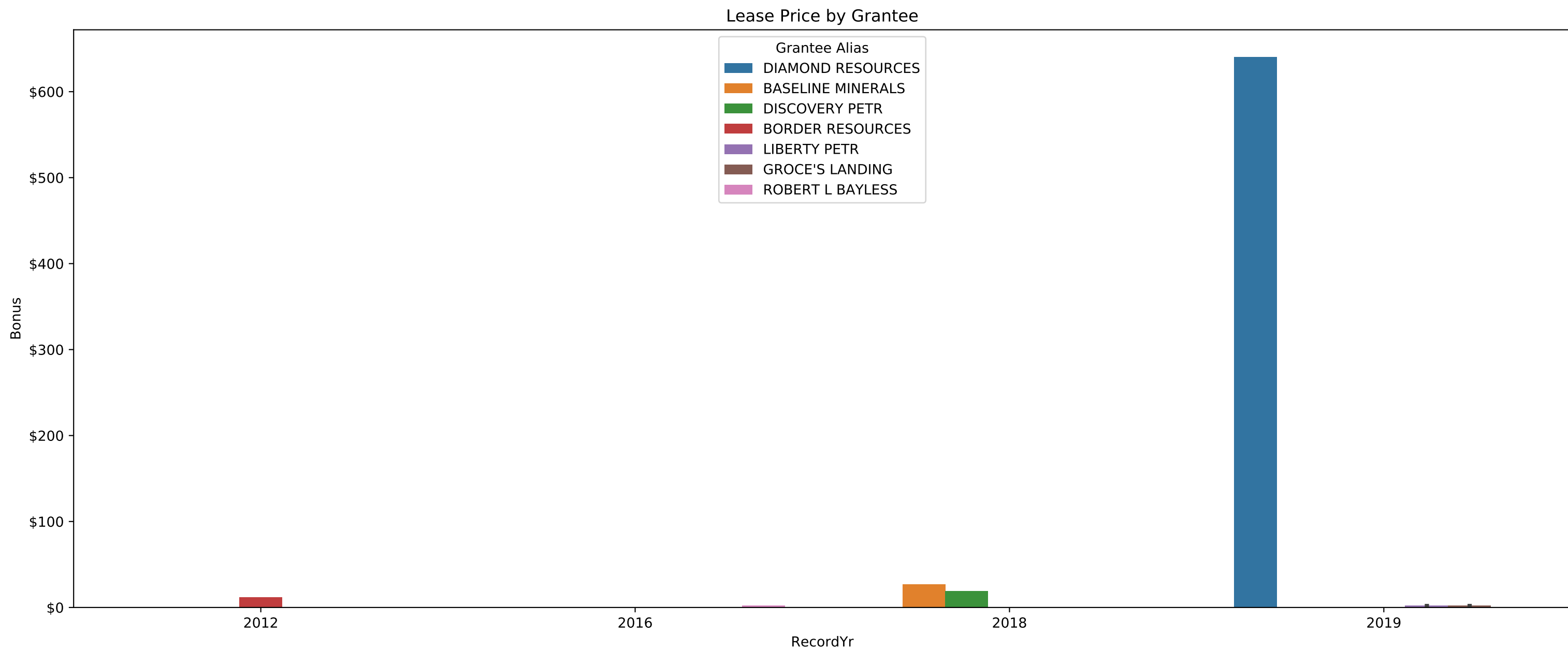
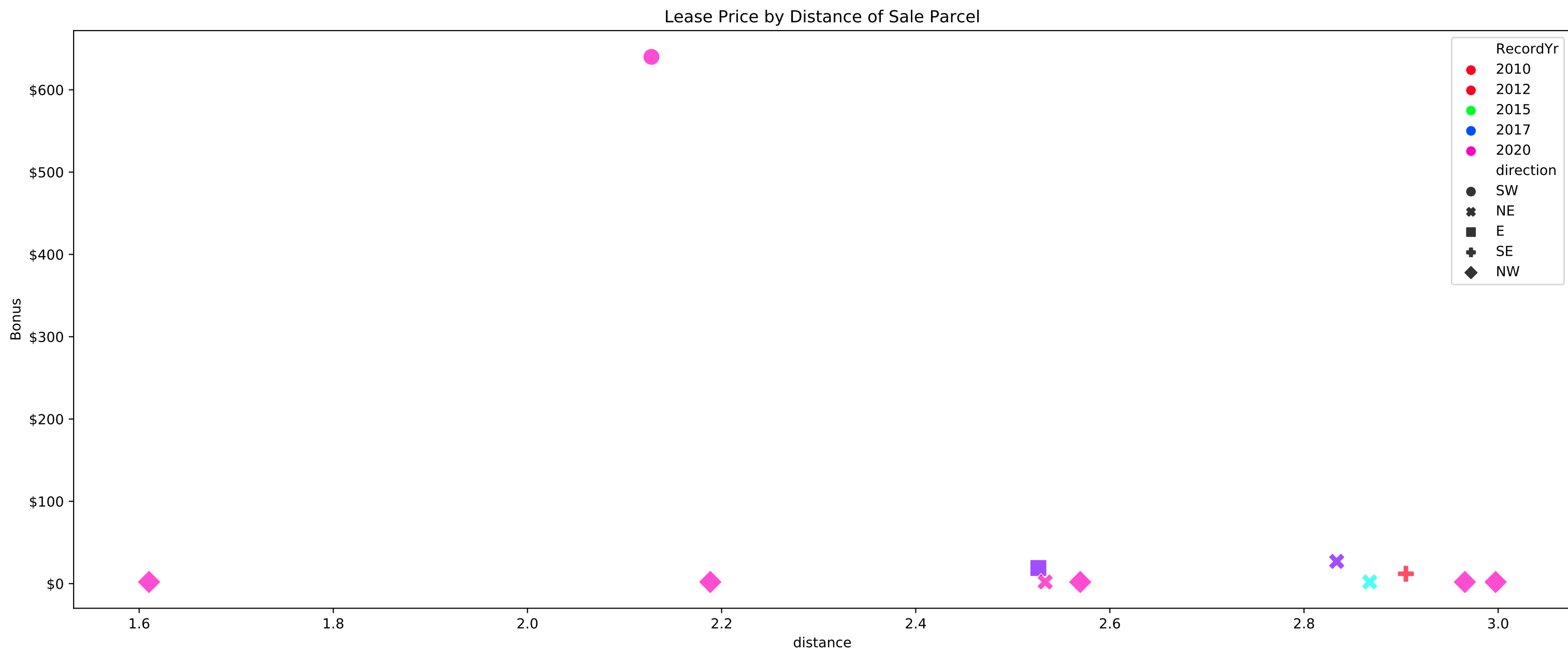
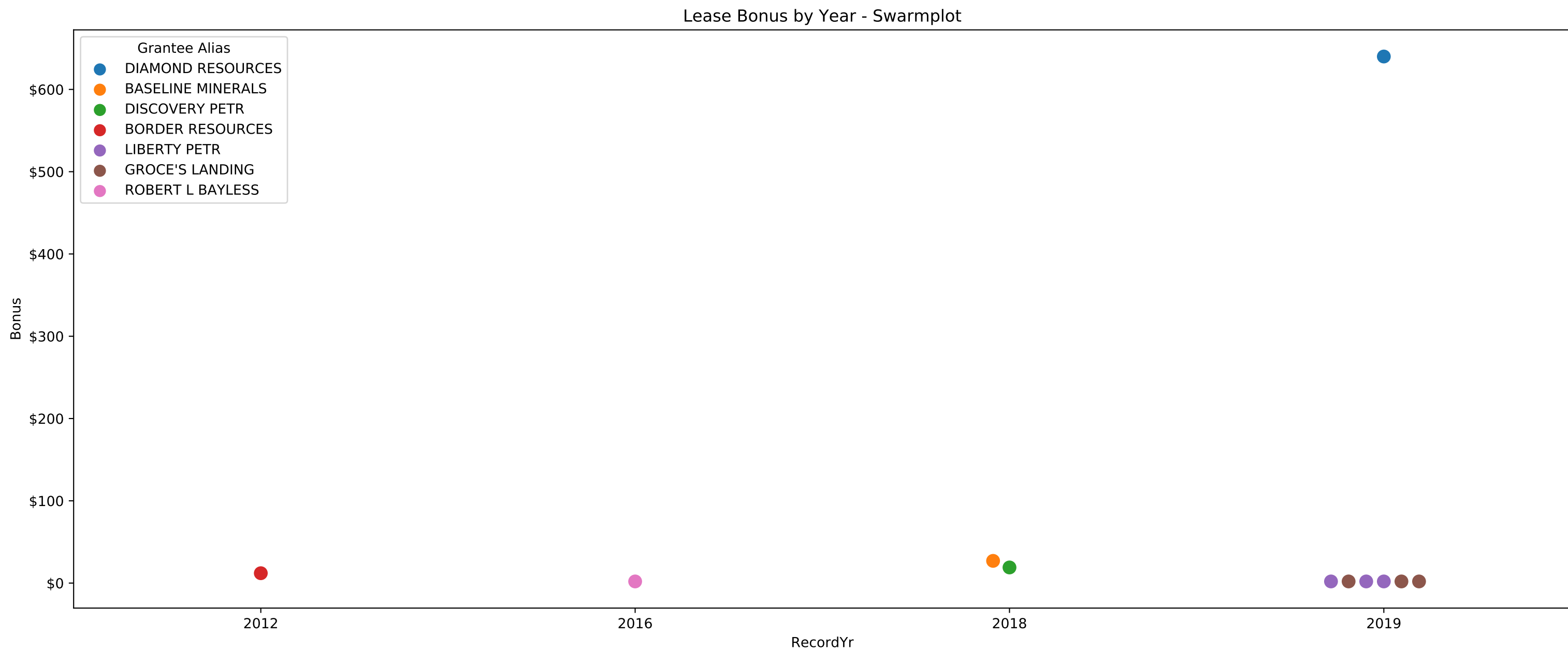
Lease Summary for tract 39
Total Number of Leases: 6
Average Price \$108/acre in 2019



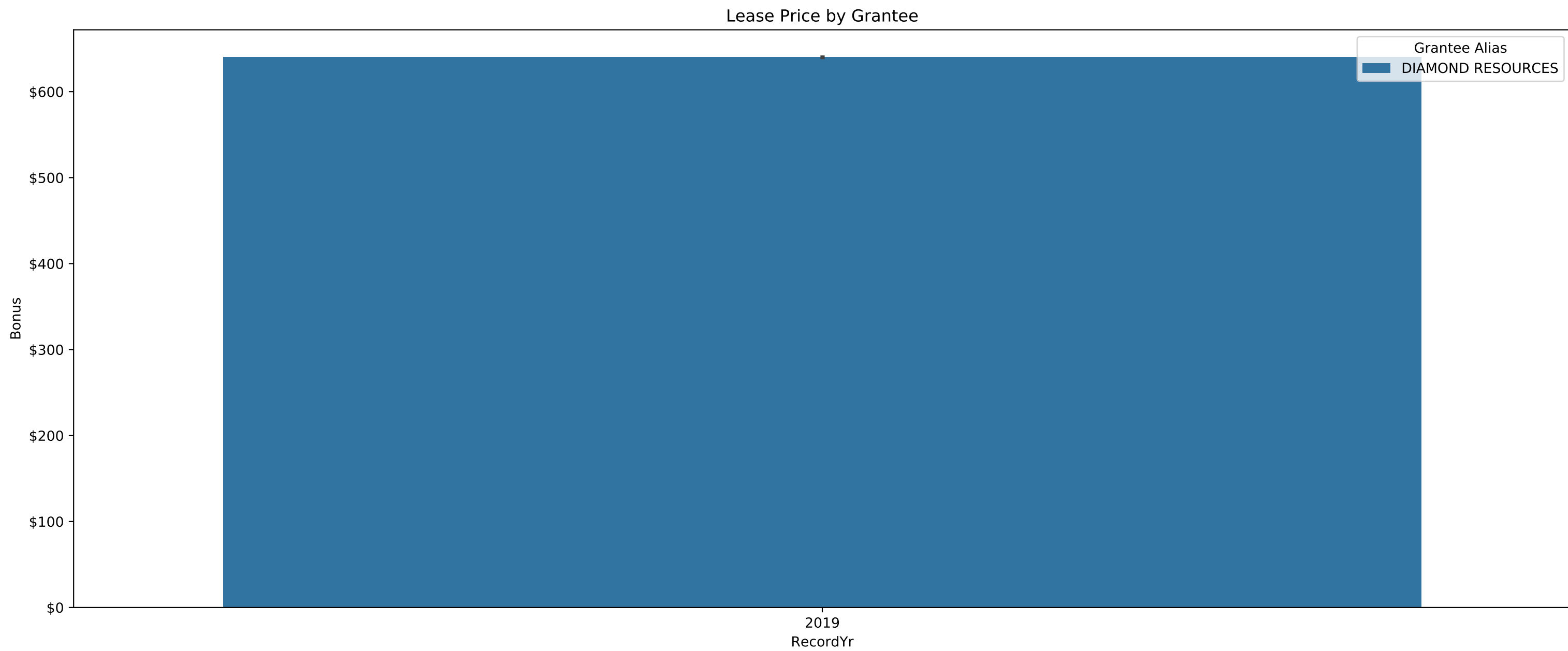
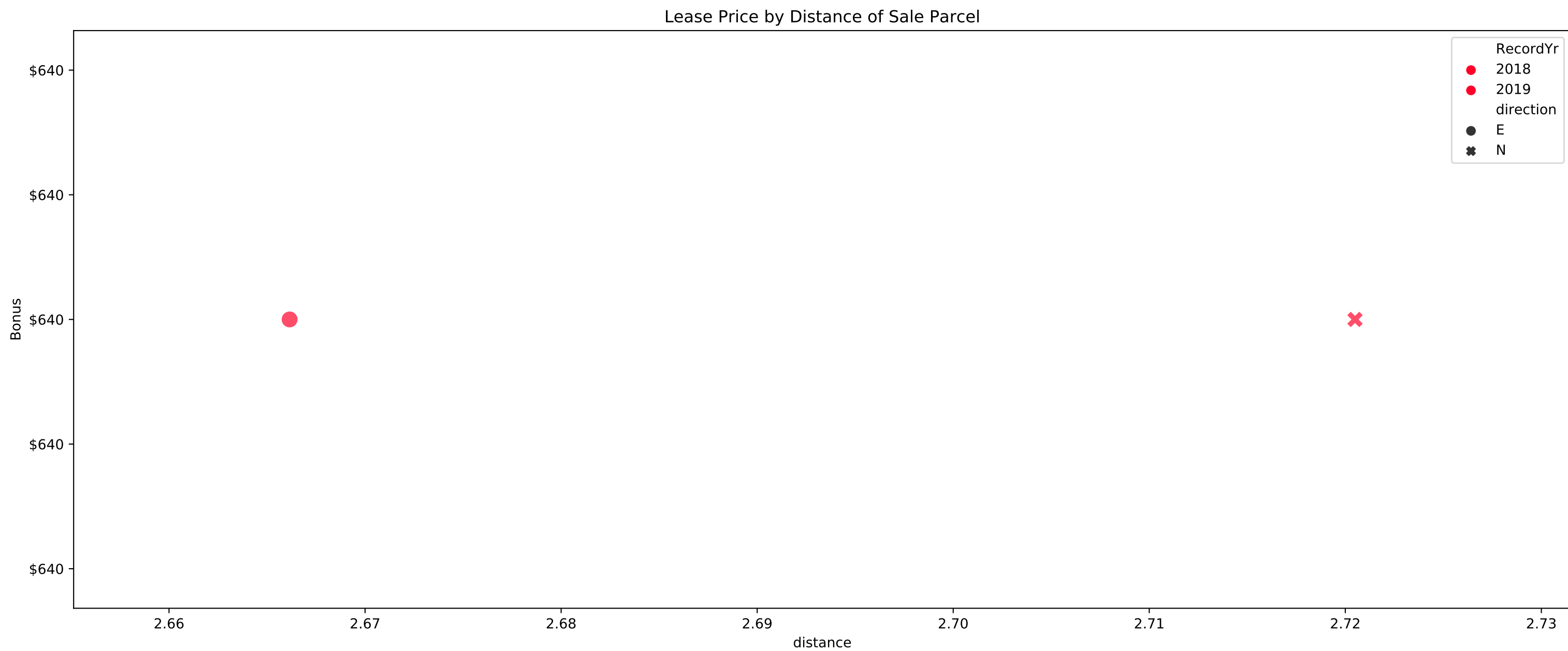
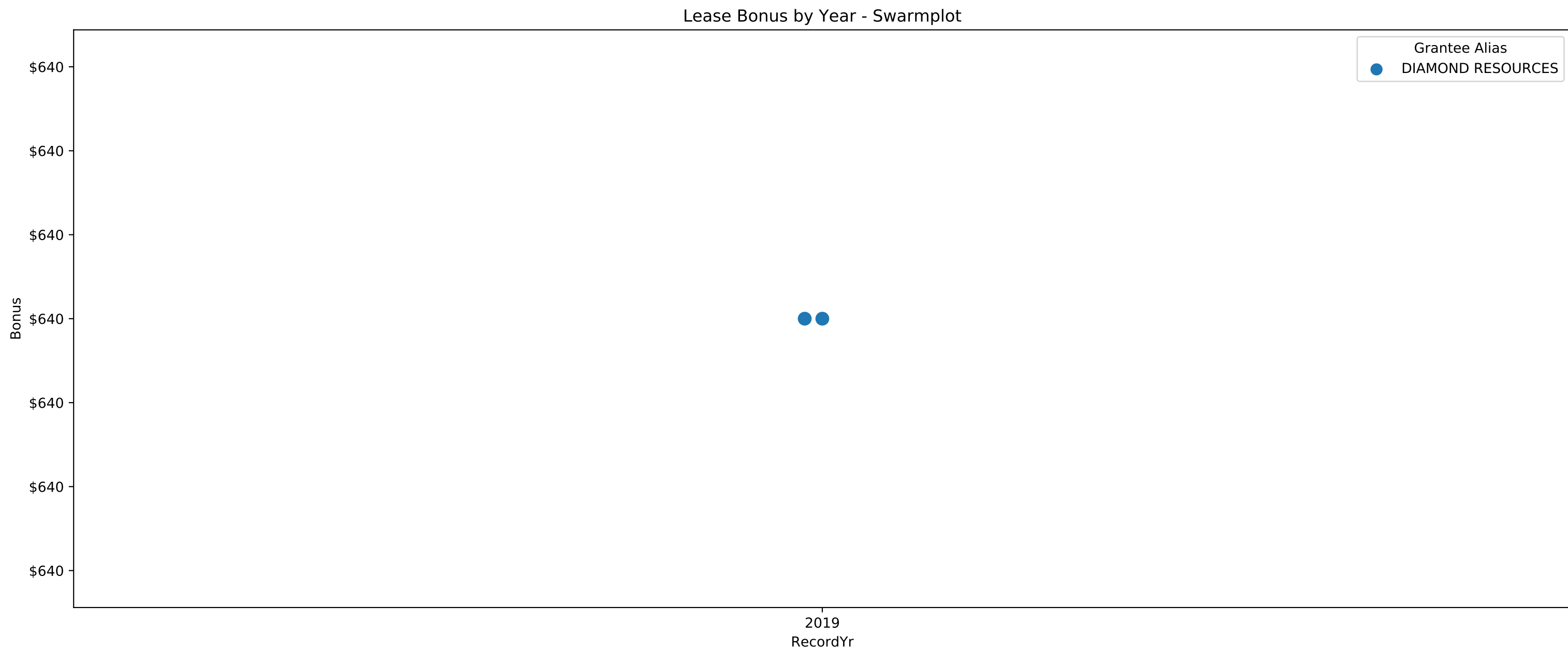
Lease Summary for tract 38
Total Number of Leases: 8
Average Price \$82/acre in 2019



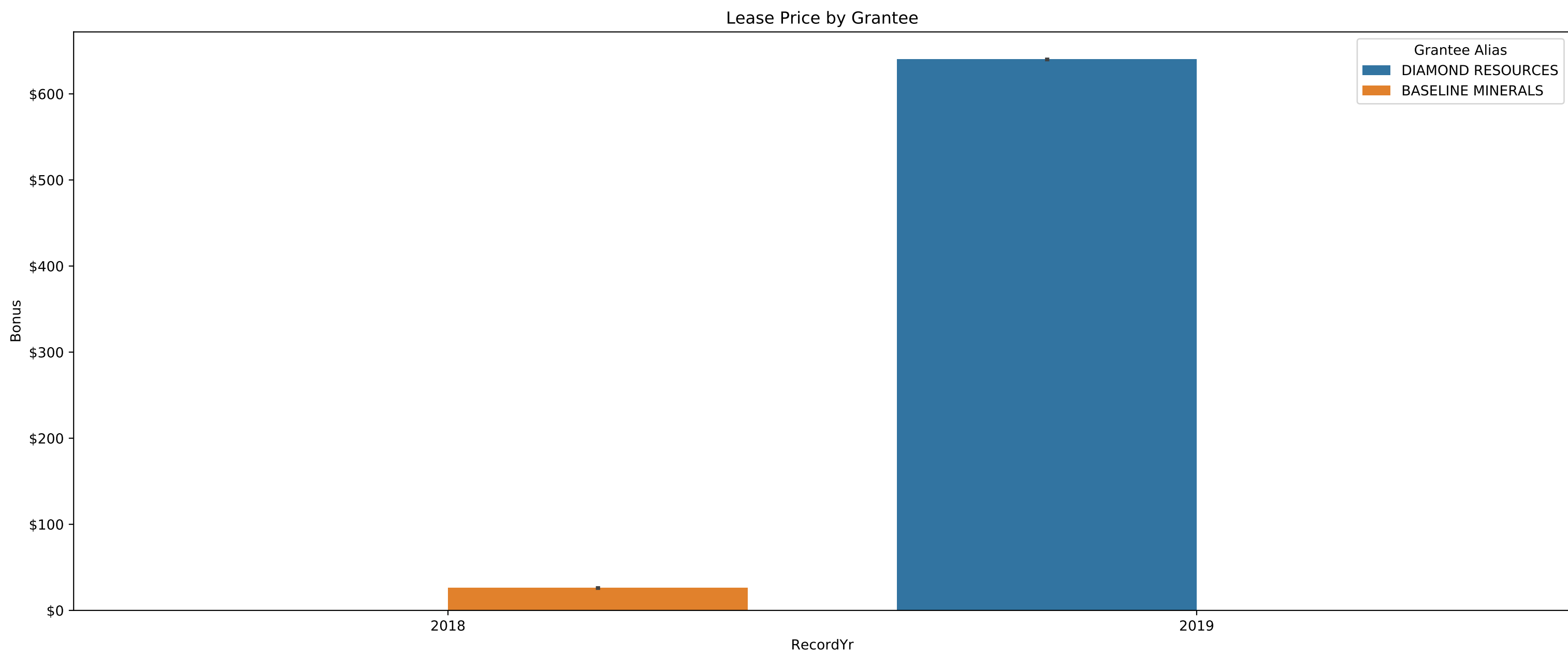
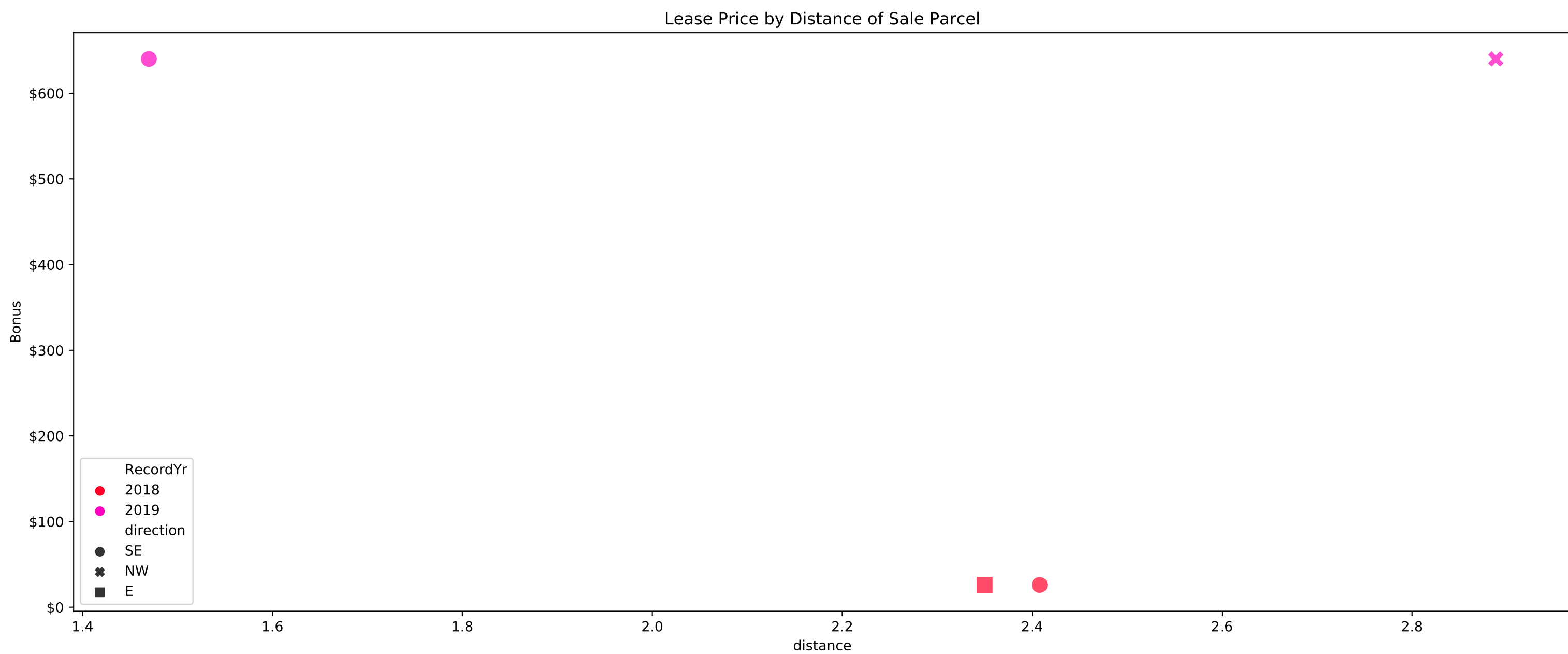
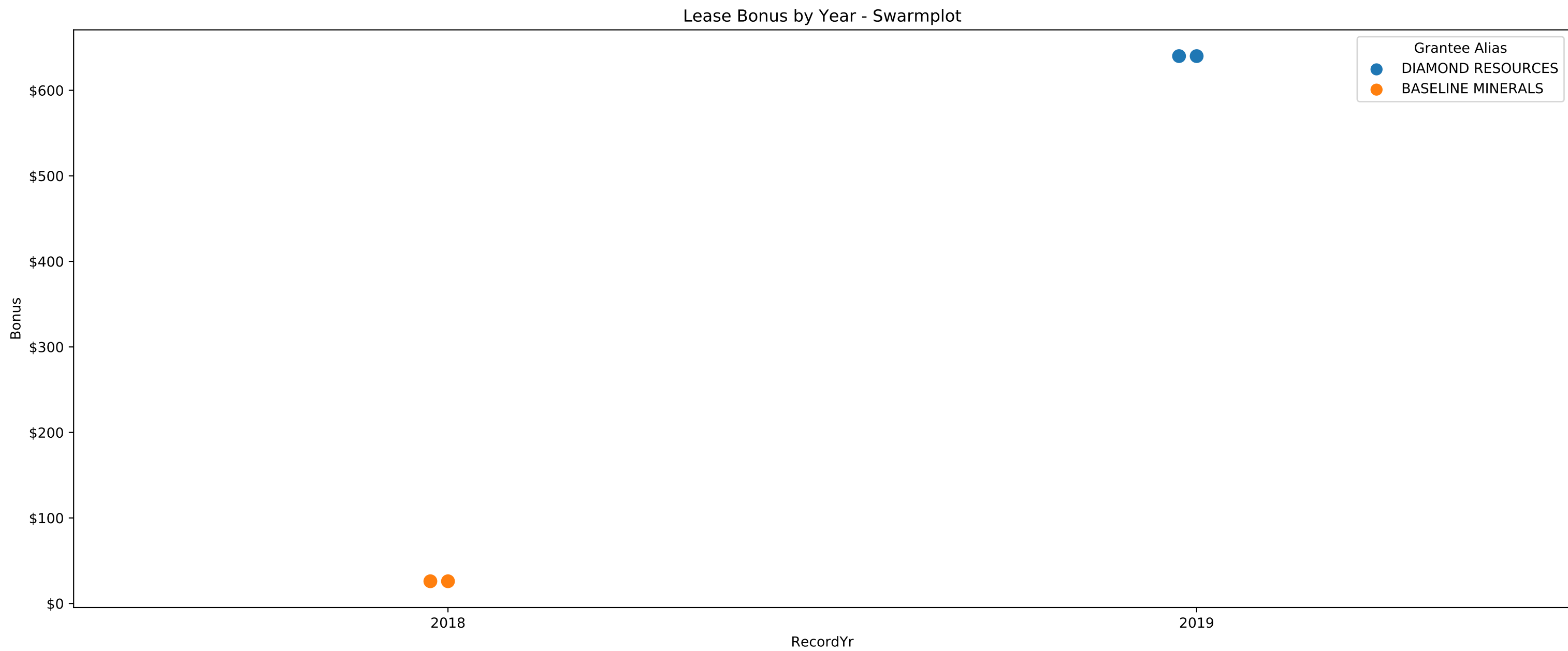
Lease Summary for tract 37
Total Number of Leases: 11
Average Price \$93/acre in 2019



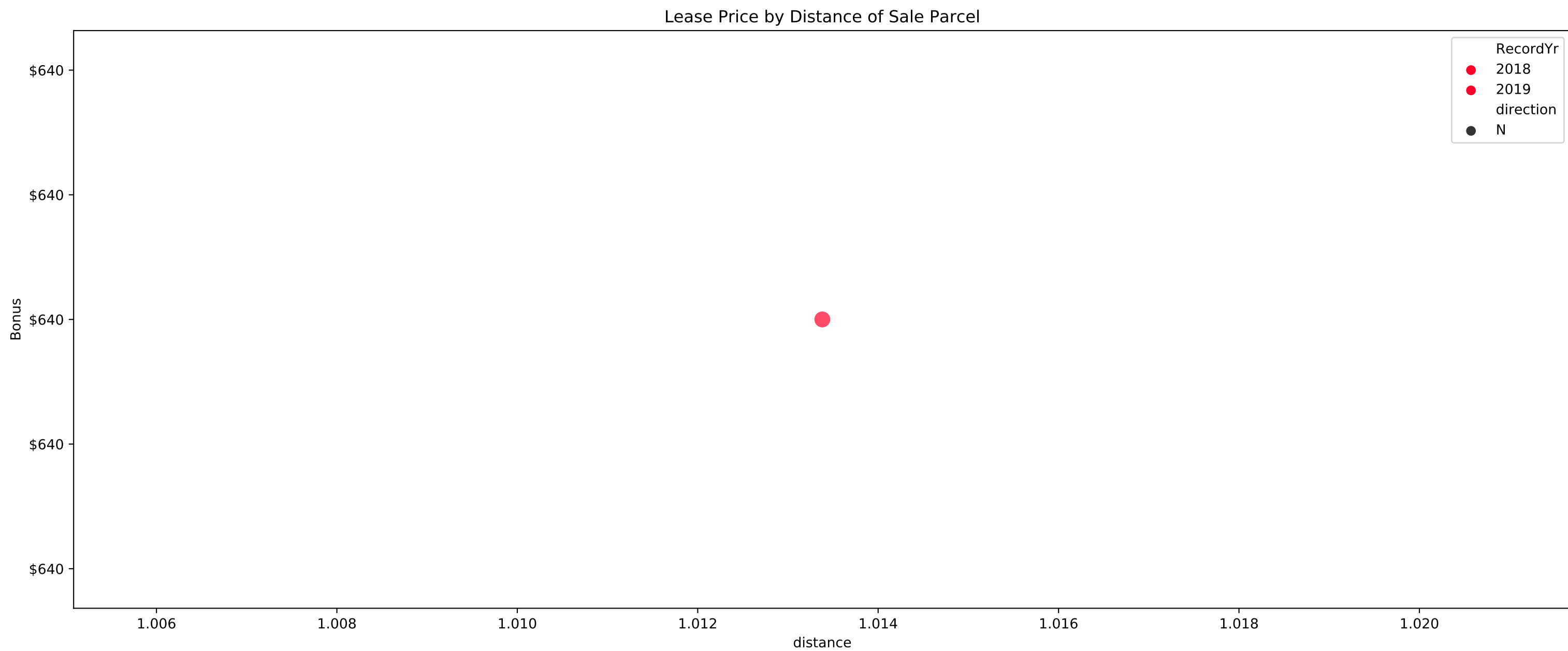
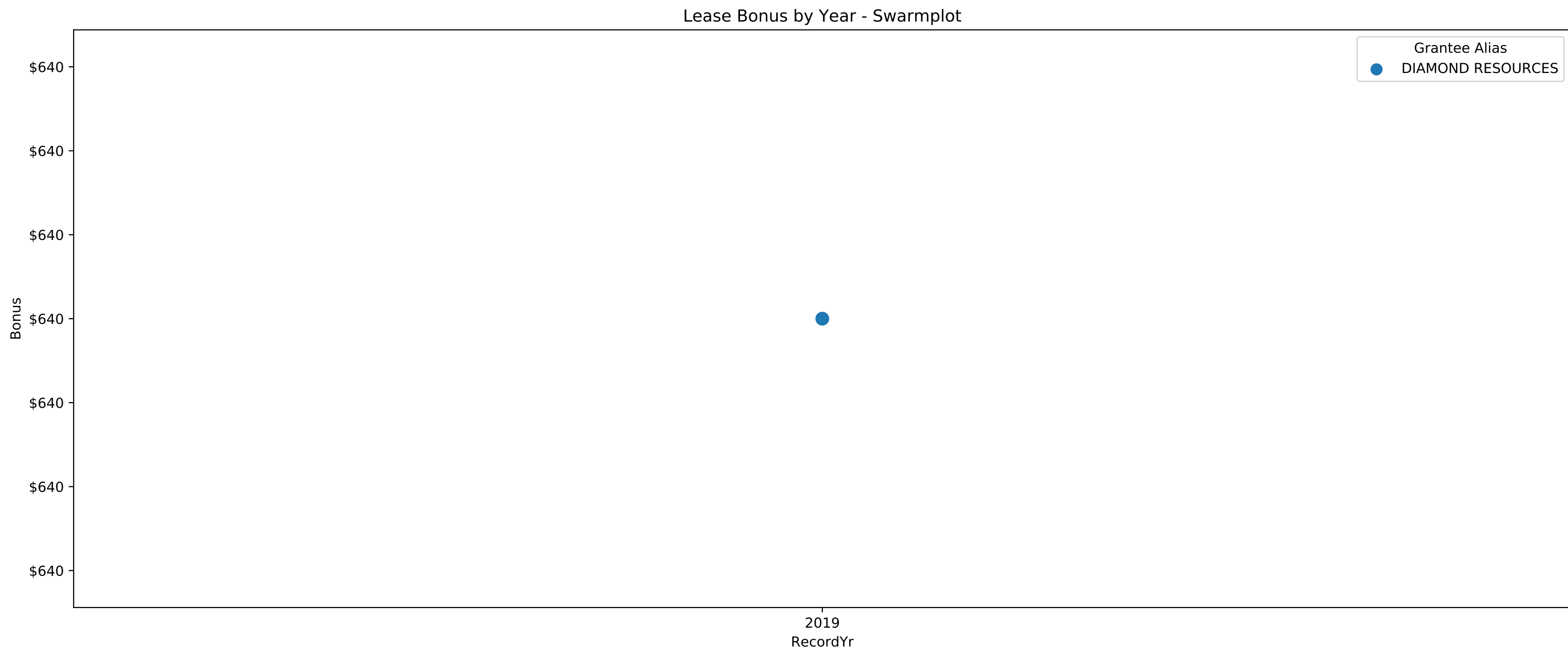
Lease Summary for tract 44
Total Number of Leases: 2
Average Price \$640/acre in 2019



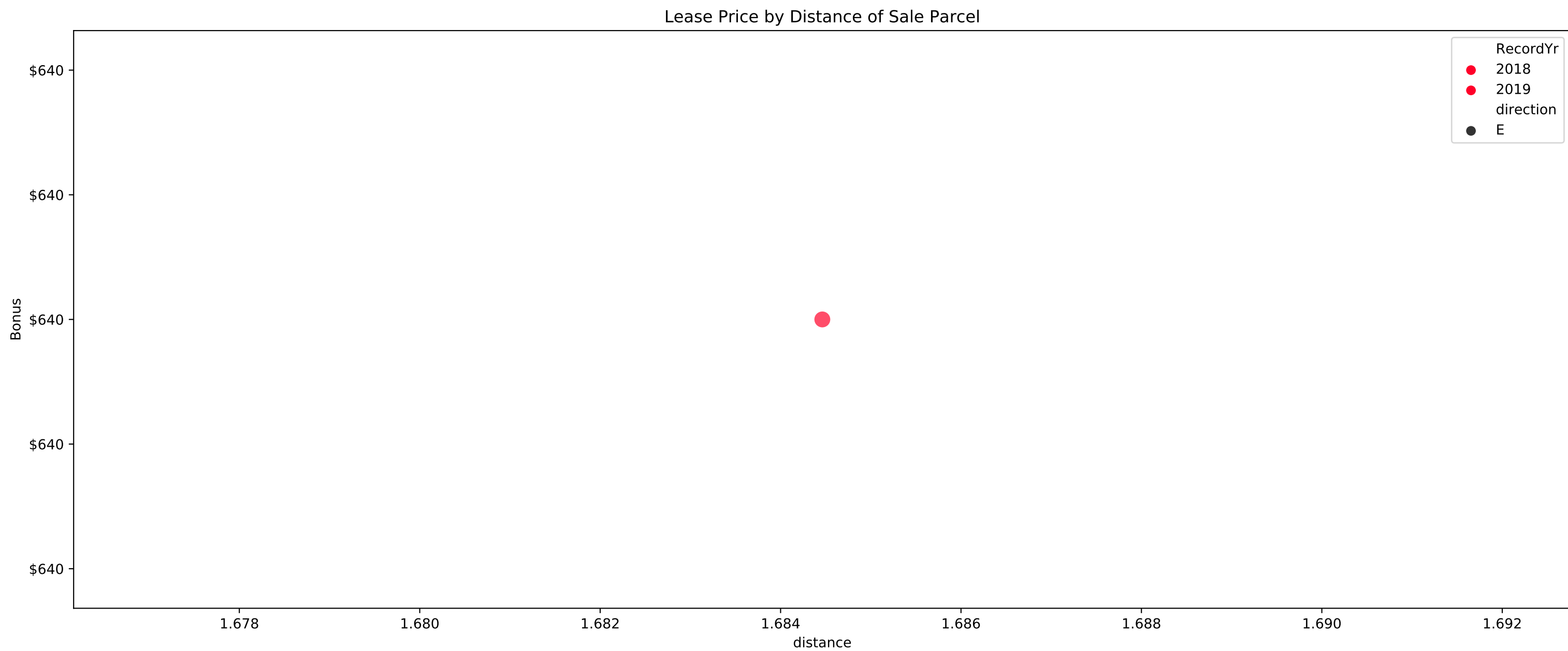
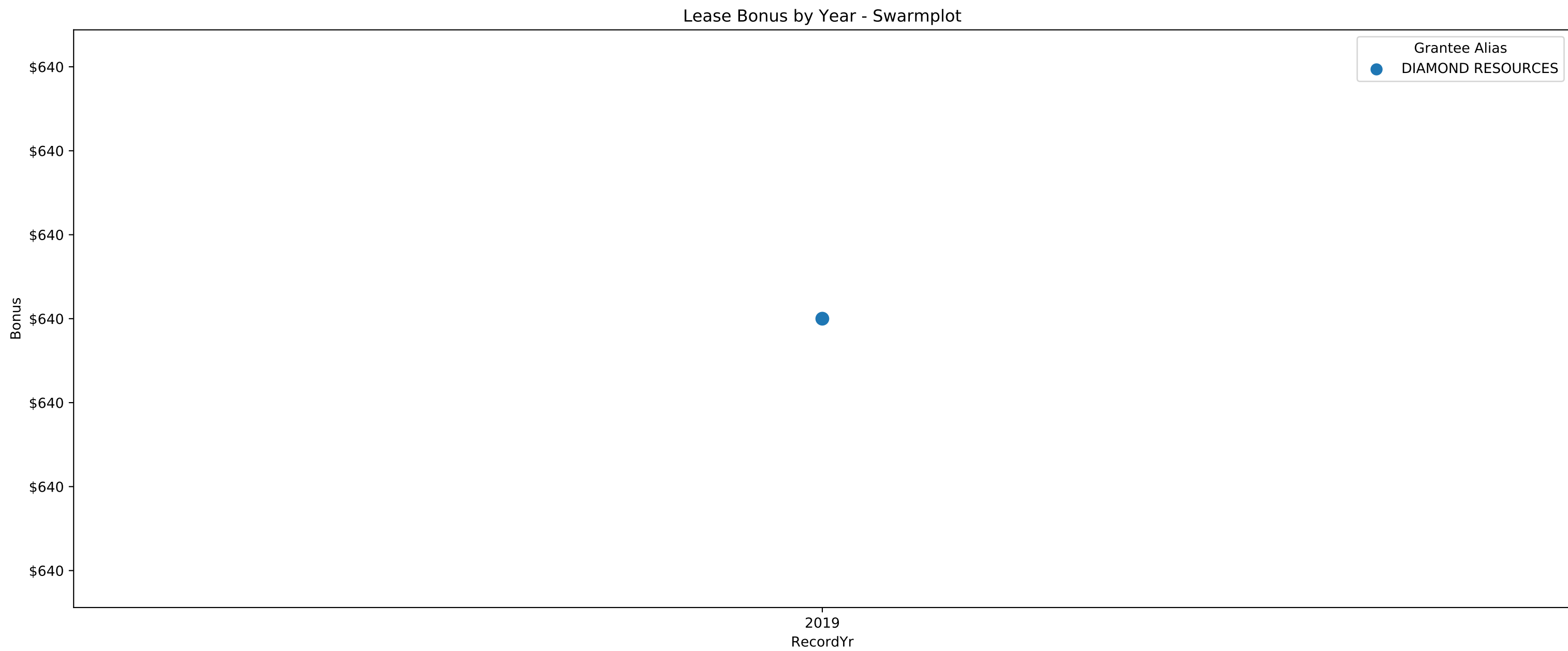
Lease Summary for tract 106
Total Number of Leases: 4
Average Price \$640/acre in 2019



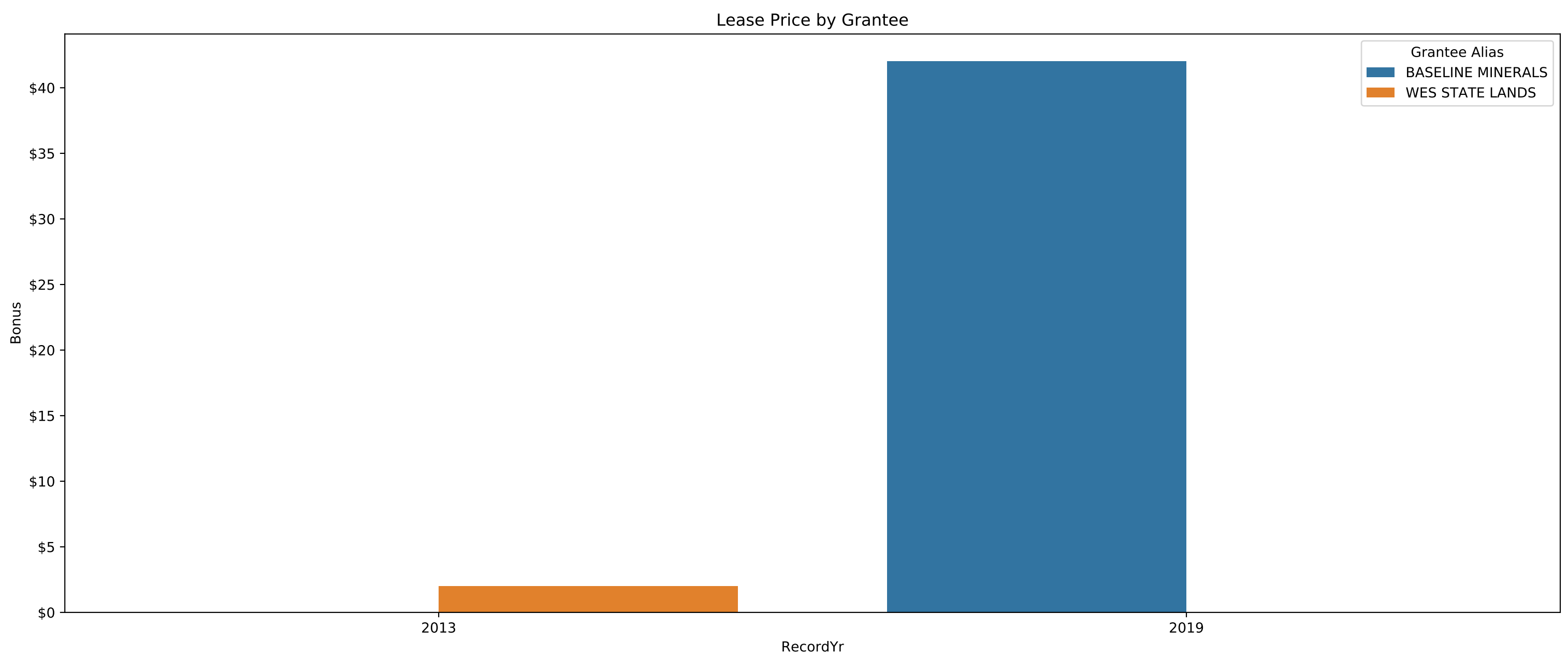
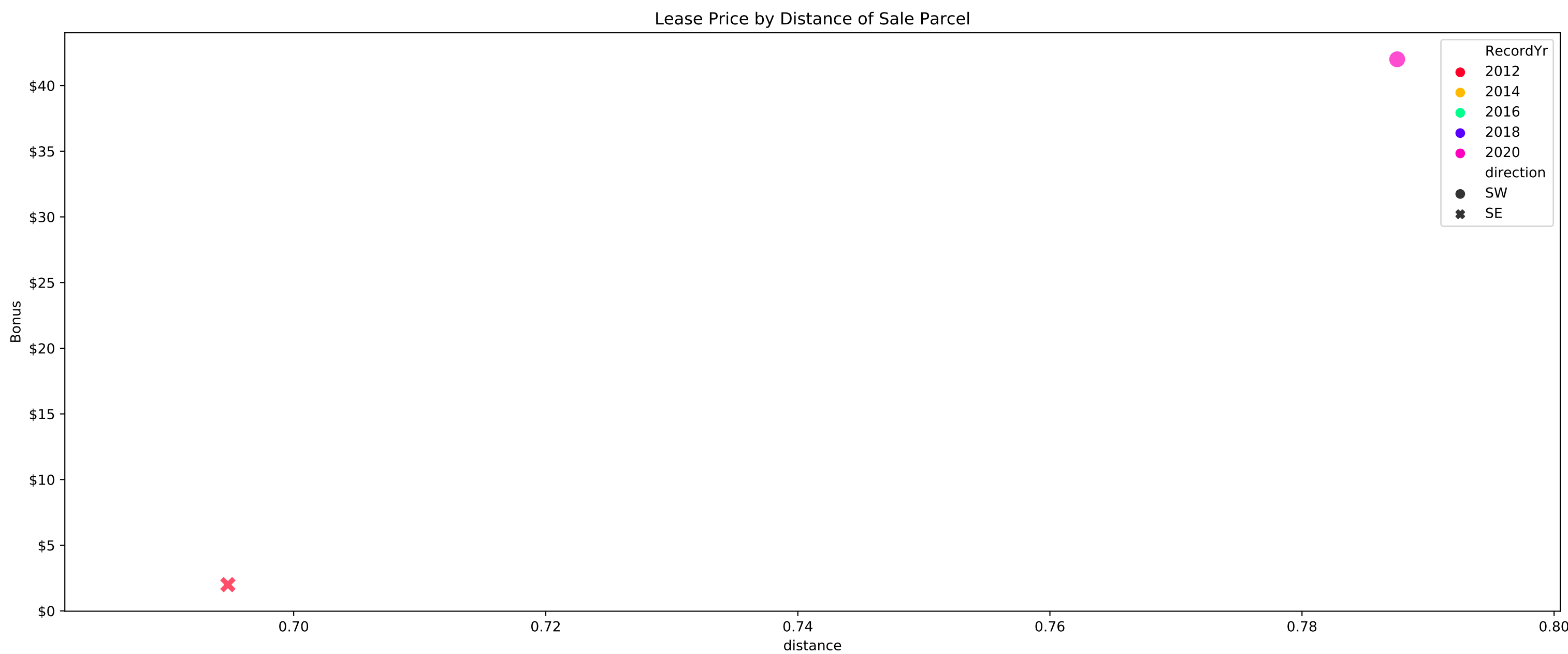
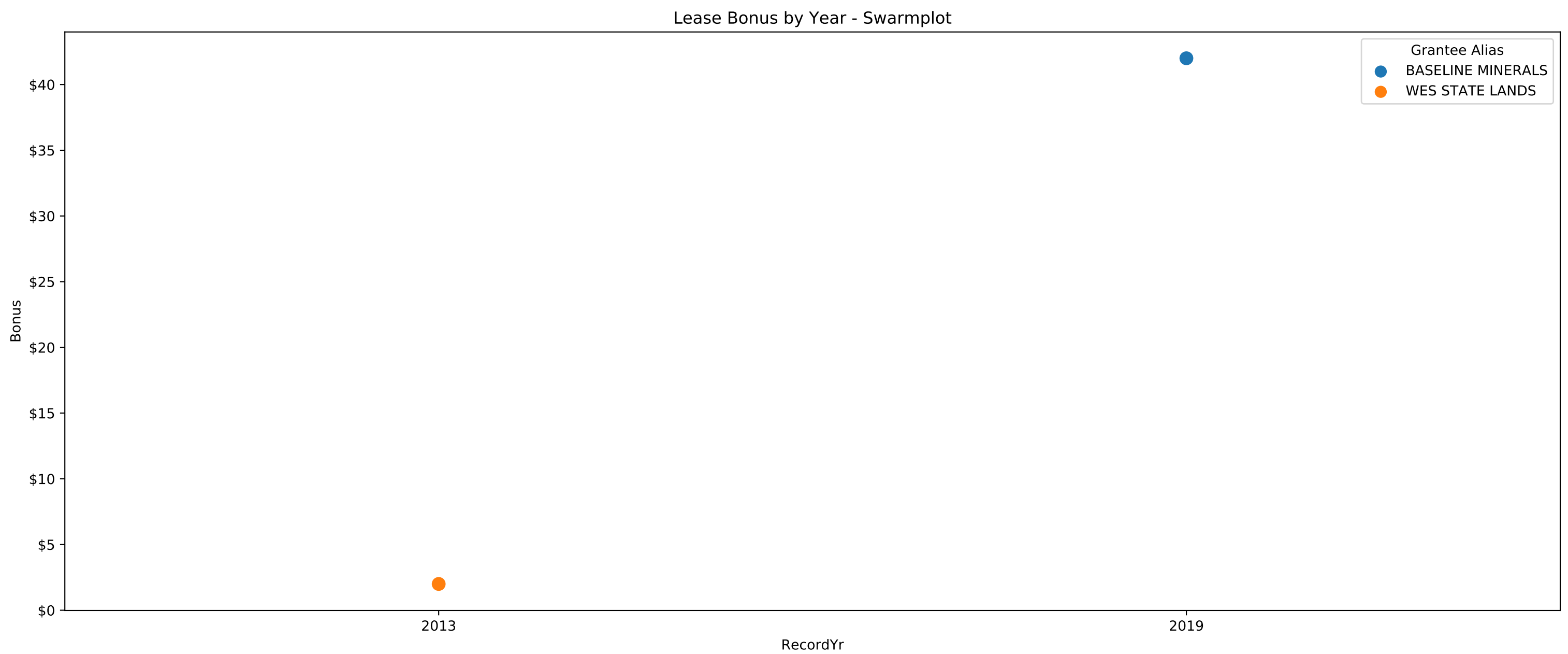
Lease Summary for tract 105
Total Number of Leases: 1
Average Price \$640/acre in 2019



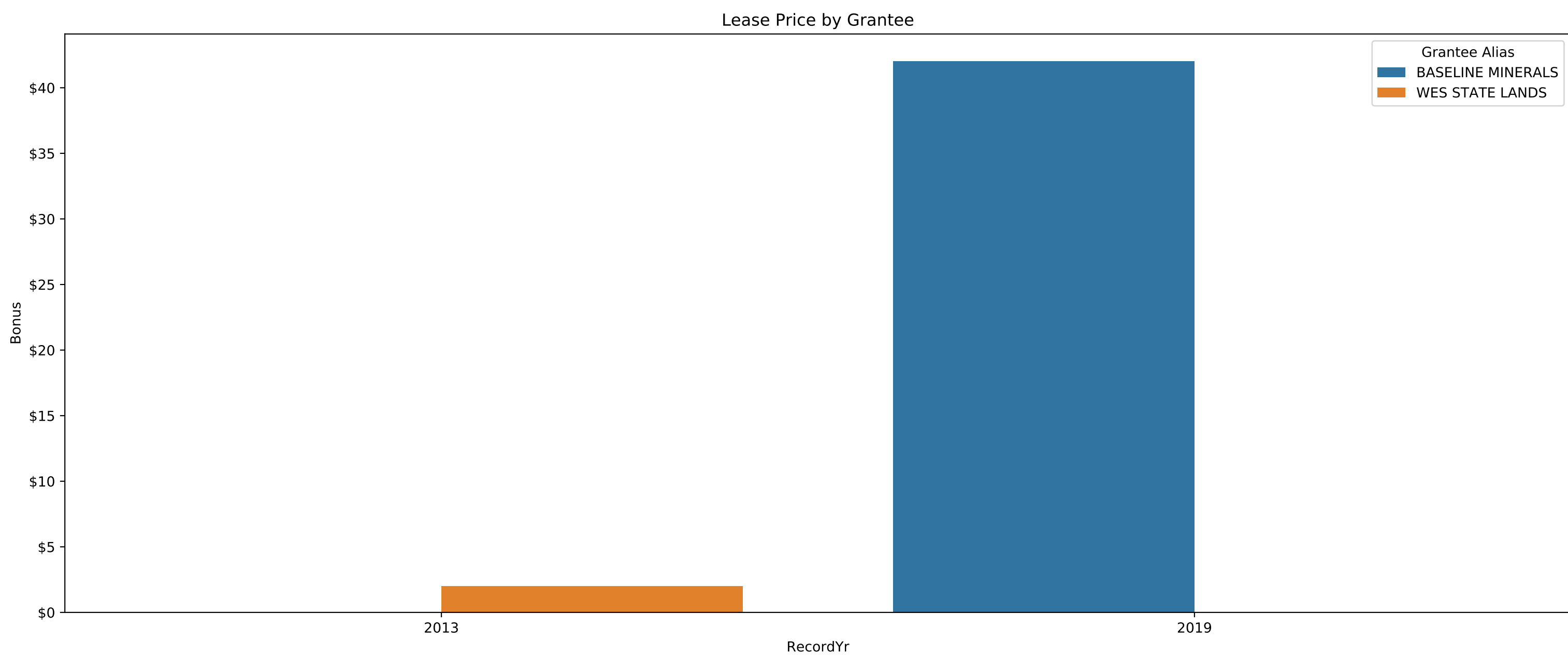
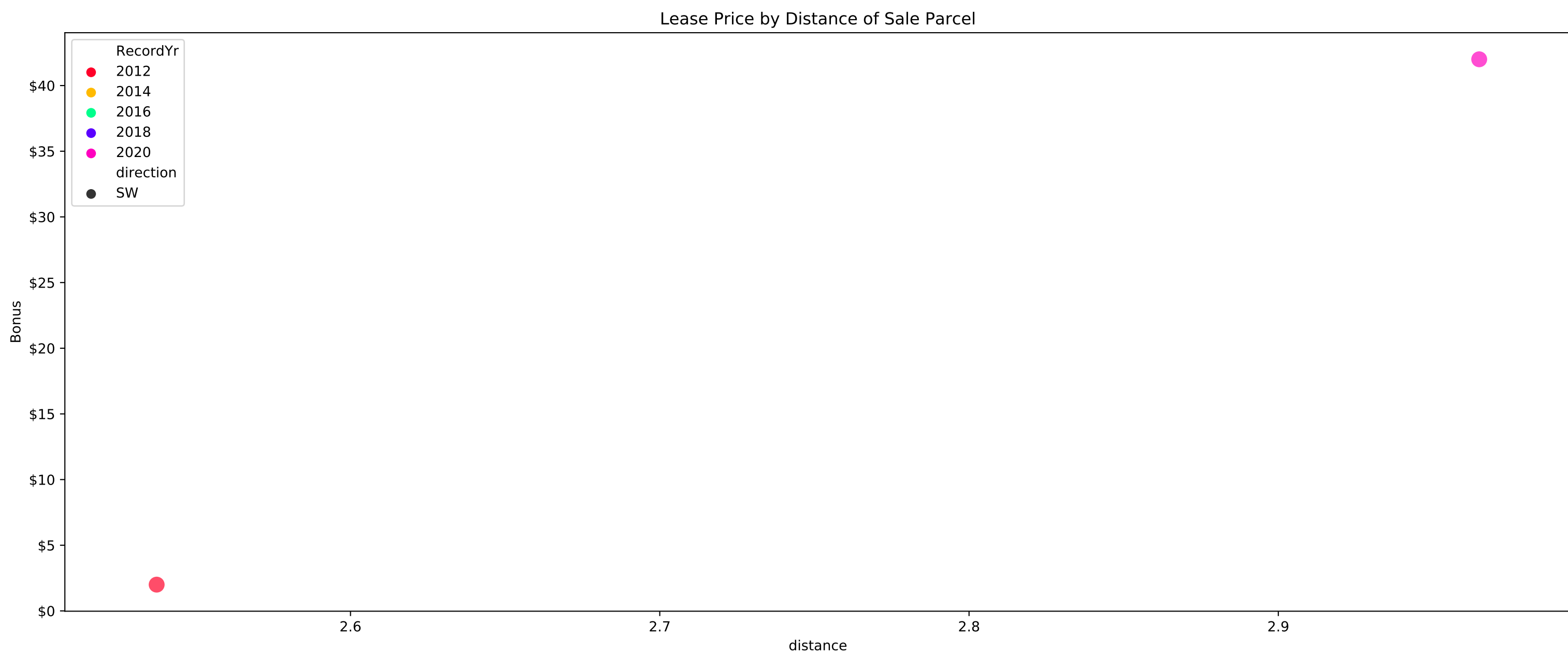
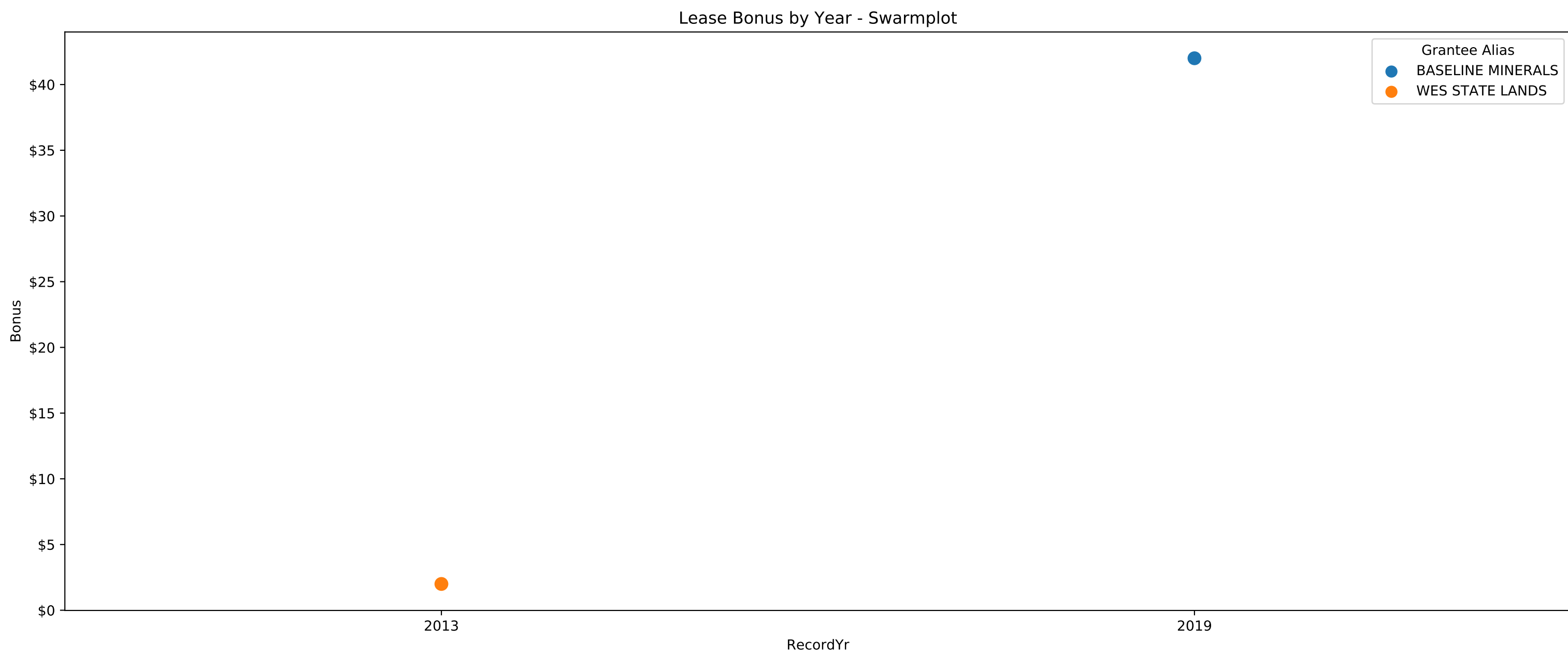
Lease Summary for tract 104
Total Number of Leases: 1
Average Price \$640/acre in 2019



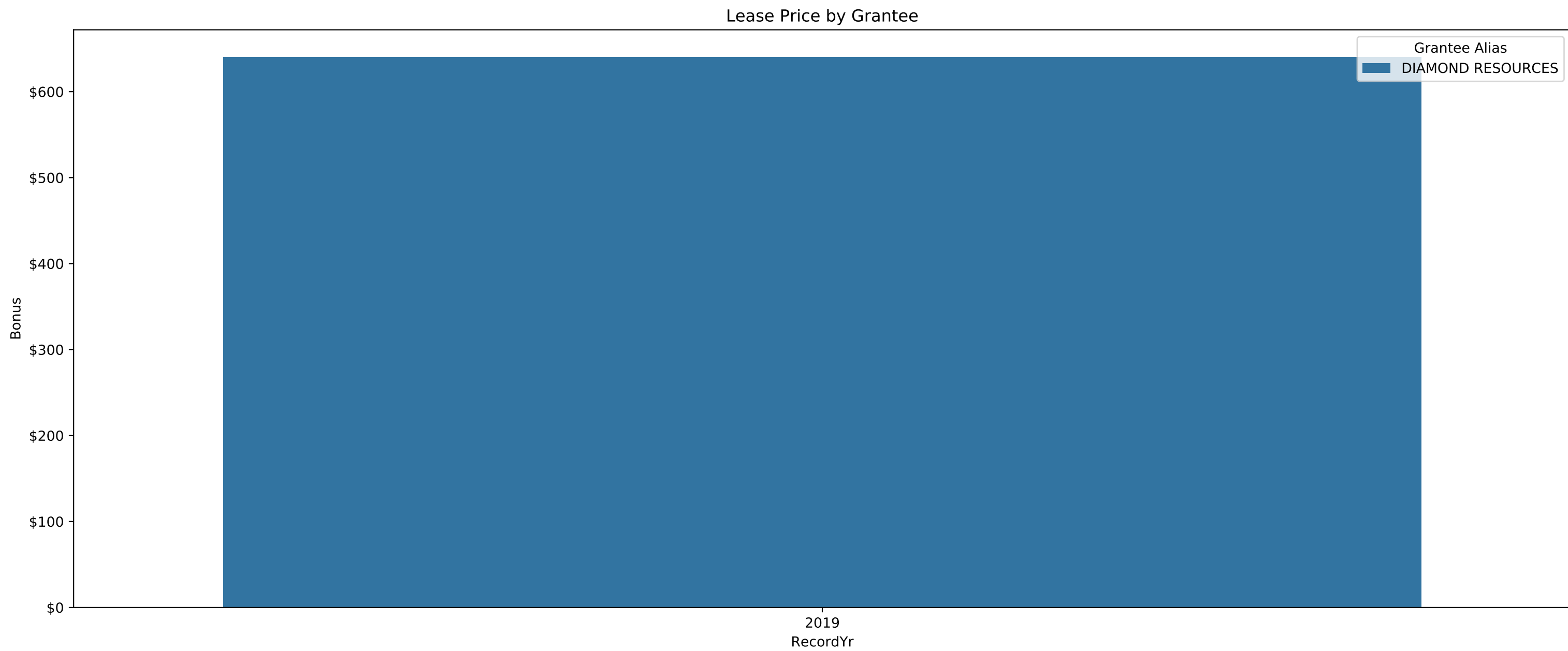
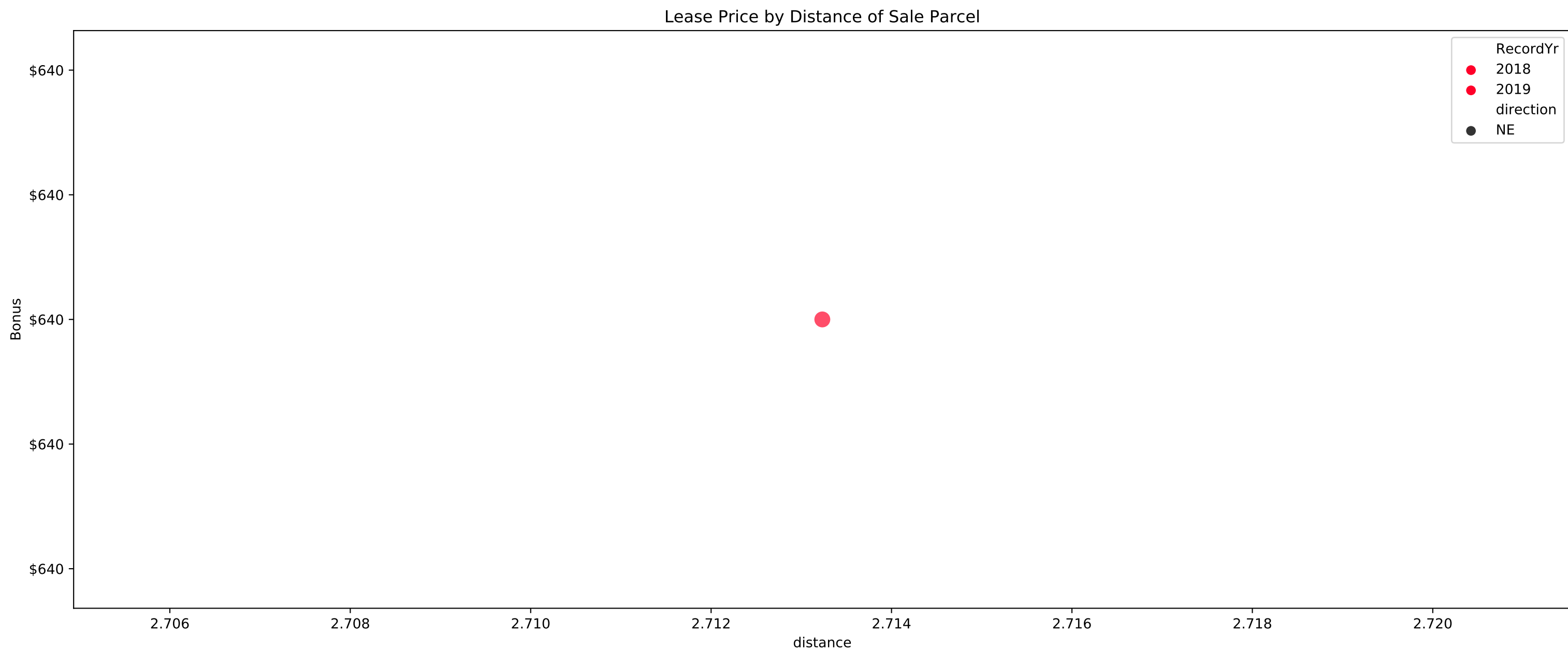
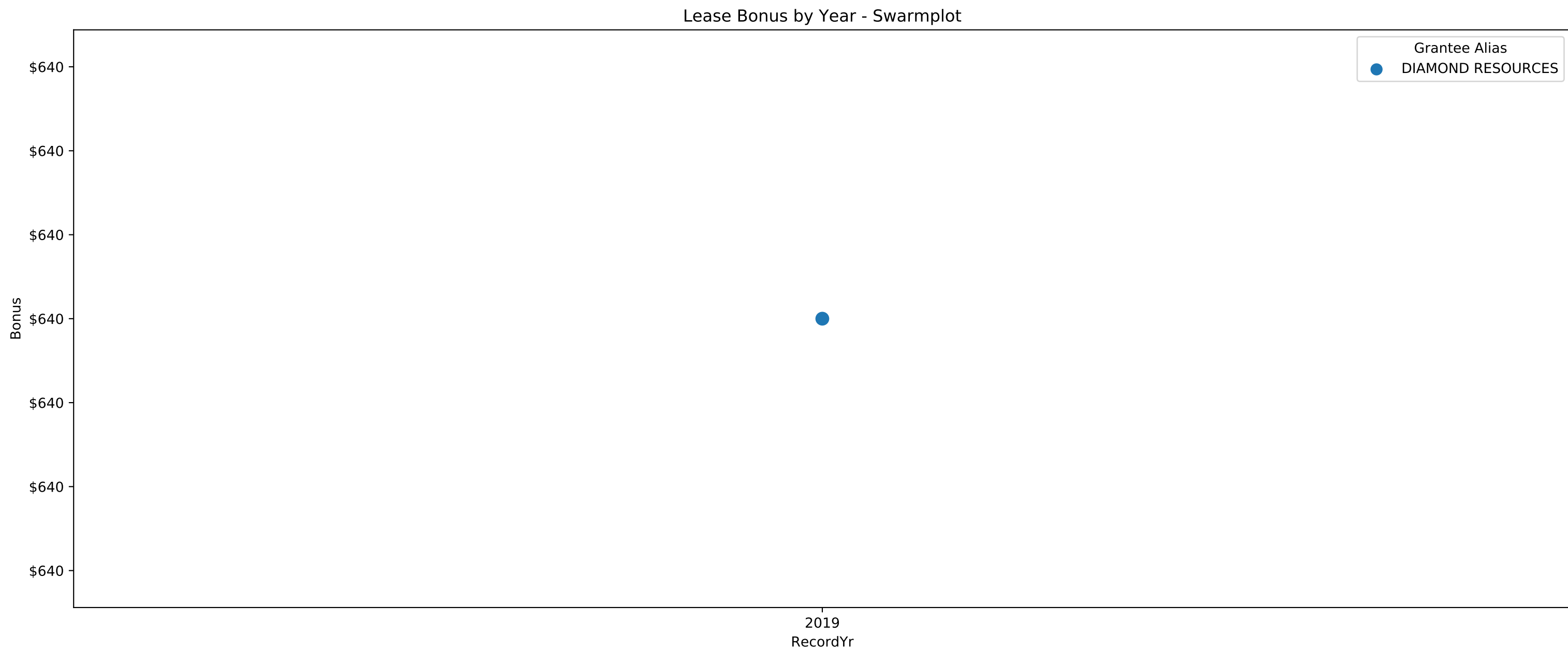
Lease Summary for tract 133
Total Number of Leases: 2
Average Price \$42/acre in 2019



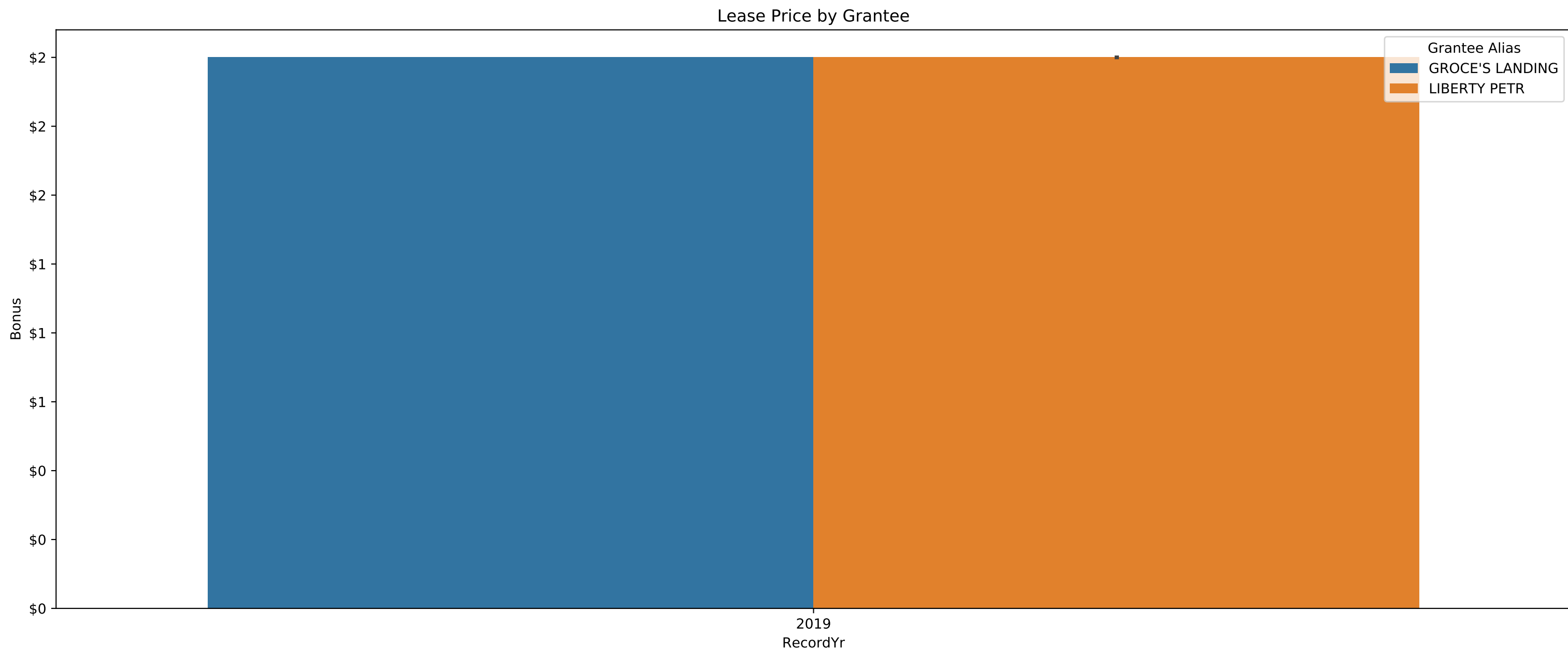
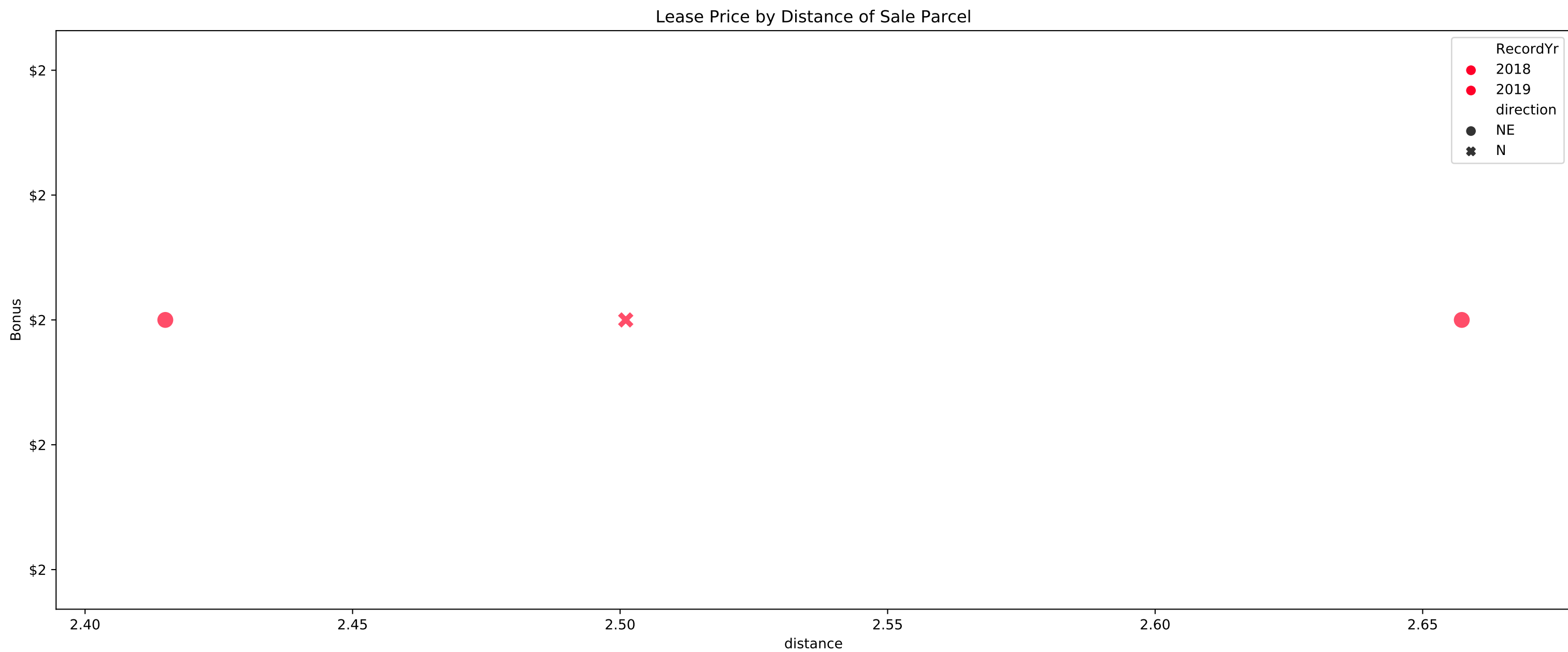
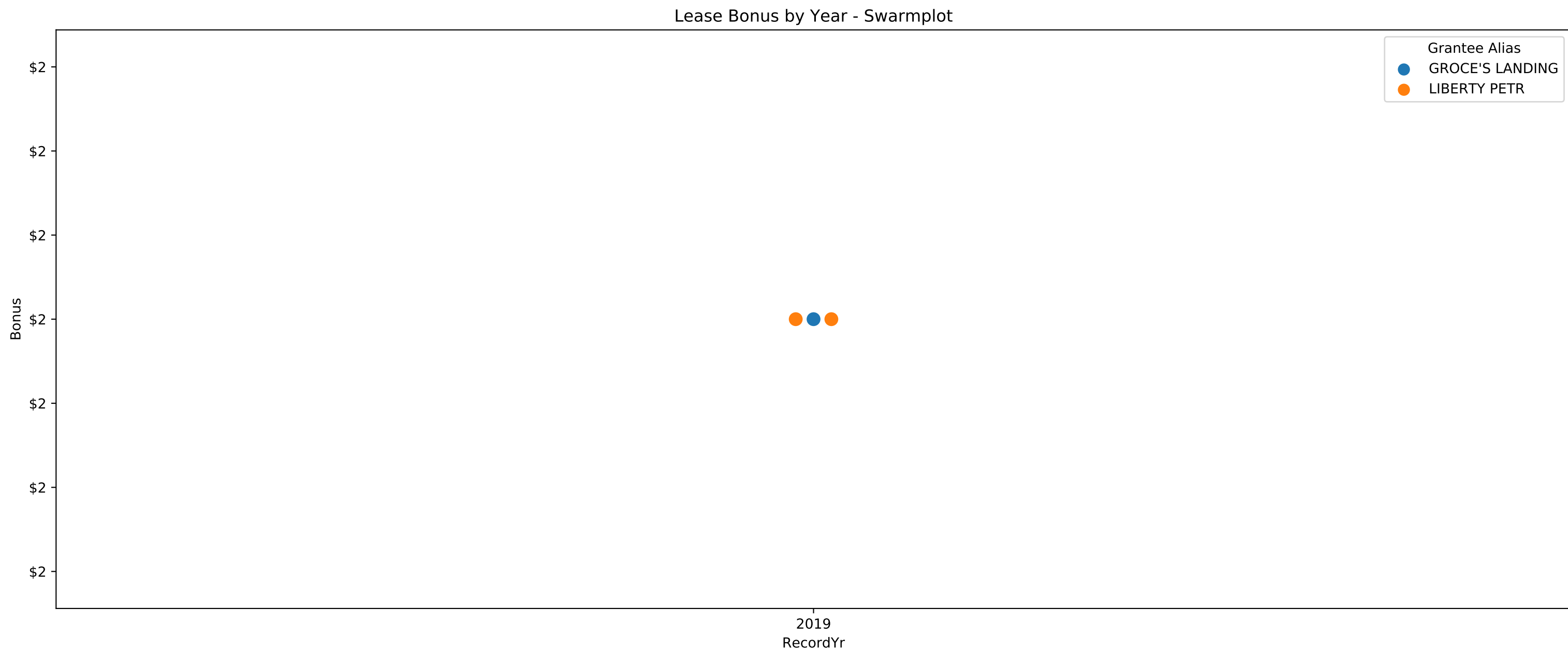
Lease Summary for tract 130
Total Number of Leases: 2
Average Price \$42/acre in 2019



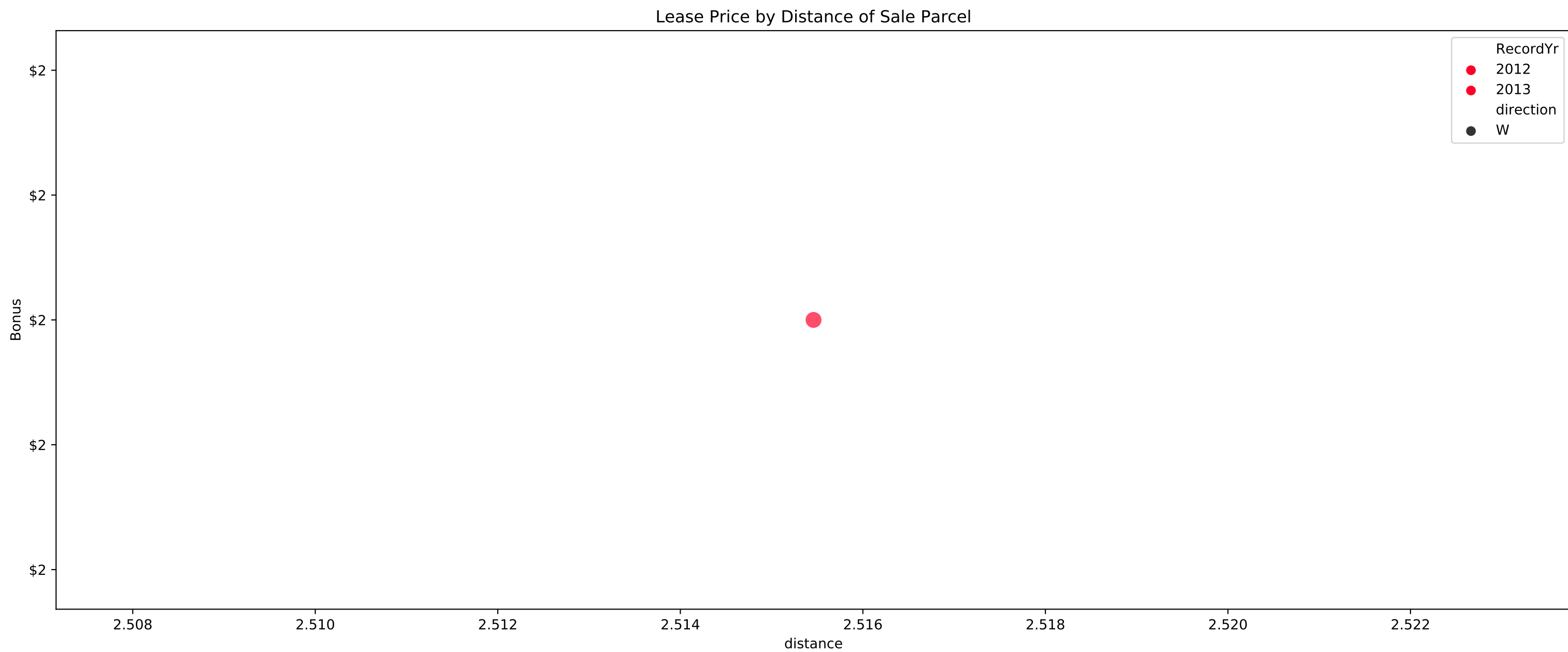
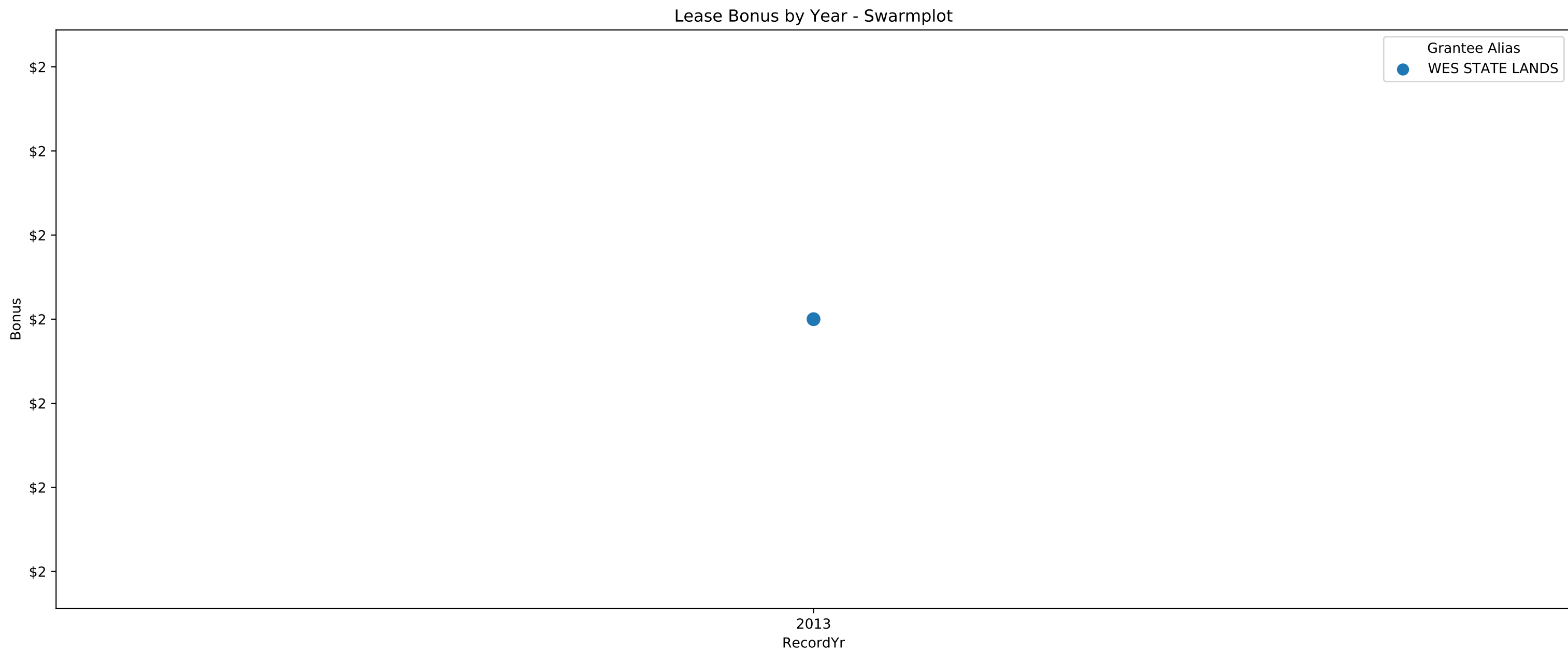
Lease Summary for tract 107
Total Number of Leases: 1
Average Price \$640/acre in 2019



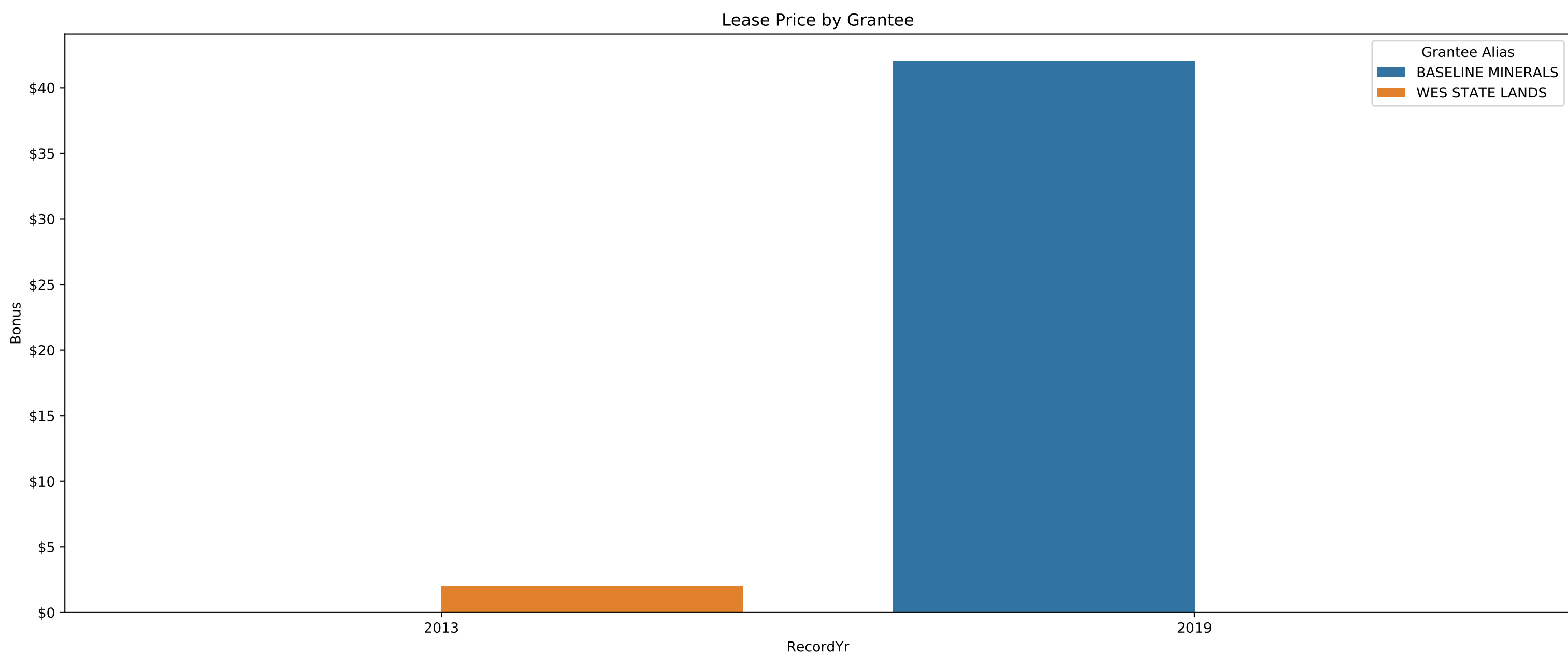
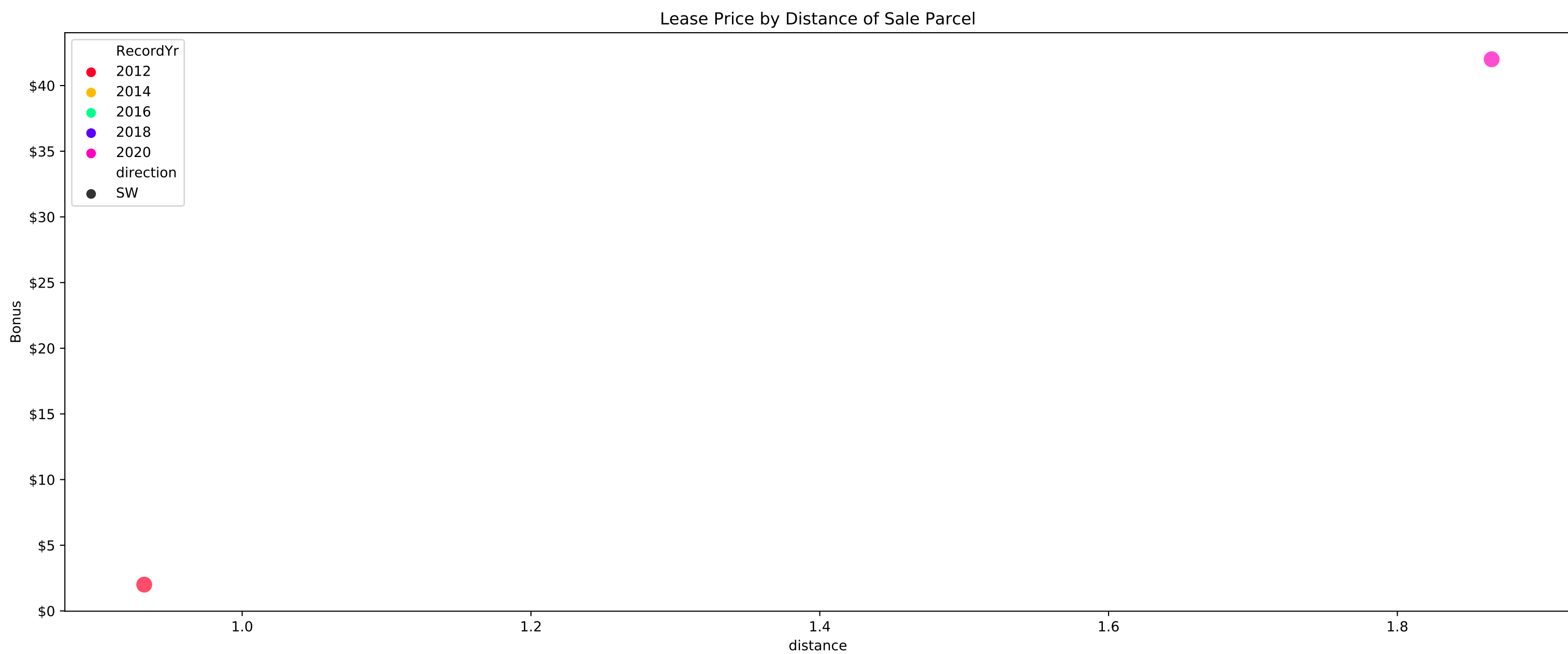
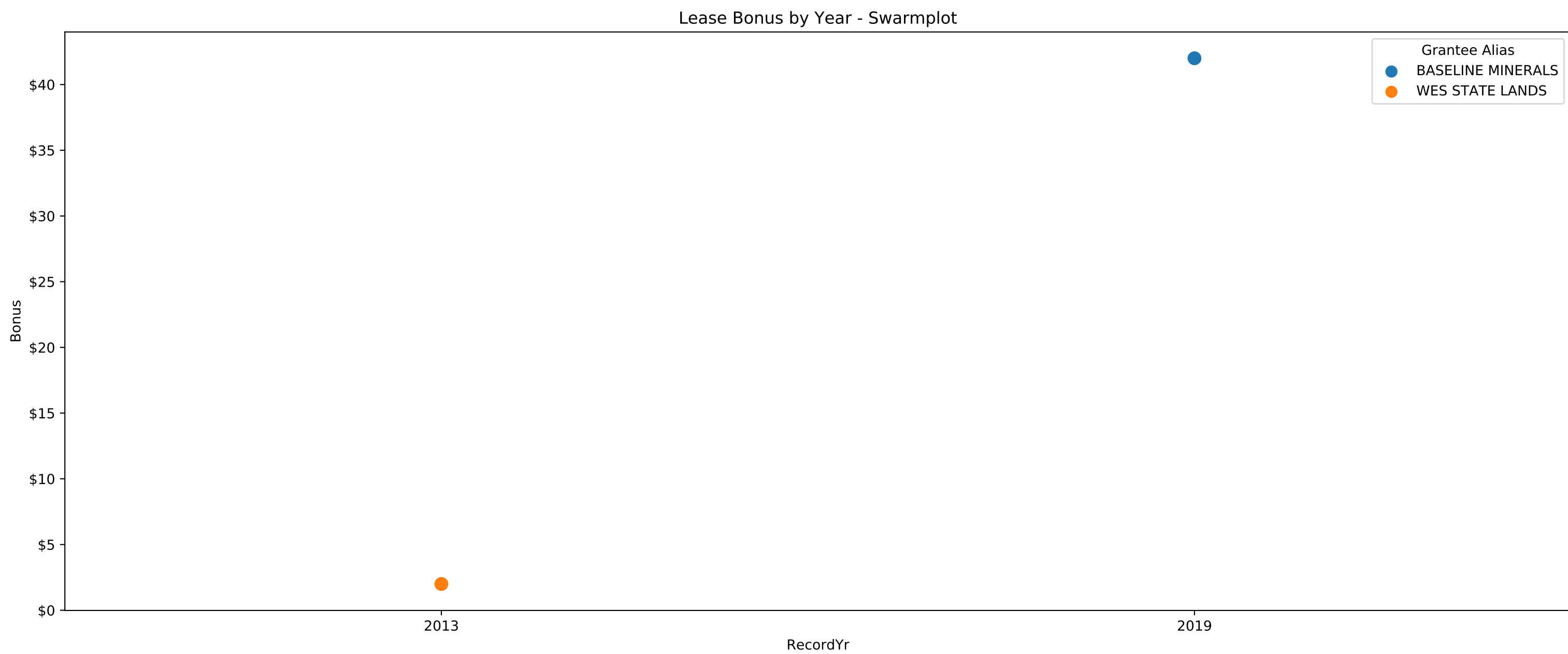
Lease Summary for tract 40
Total Number of Leases: 3
Average Price \$2/acre in 2019



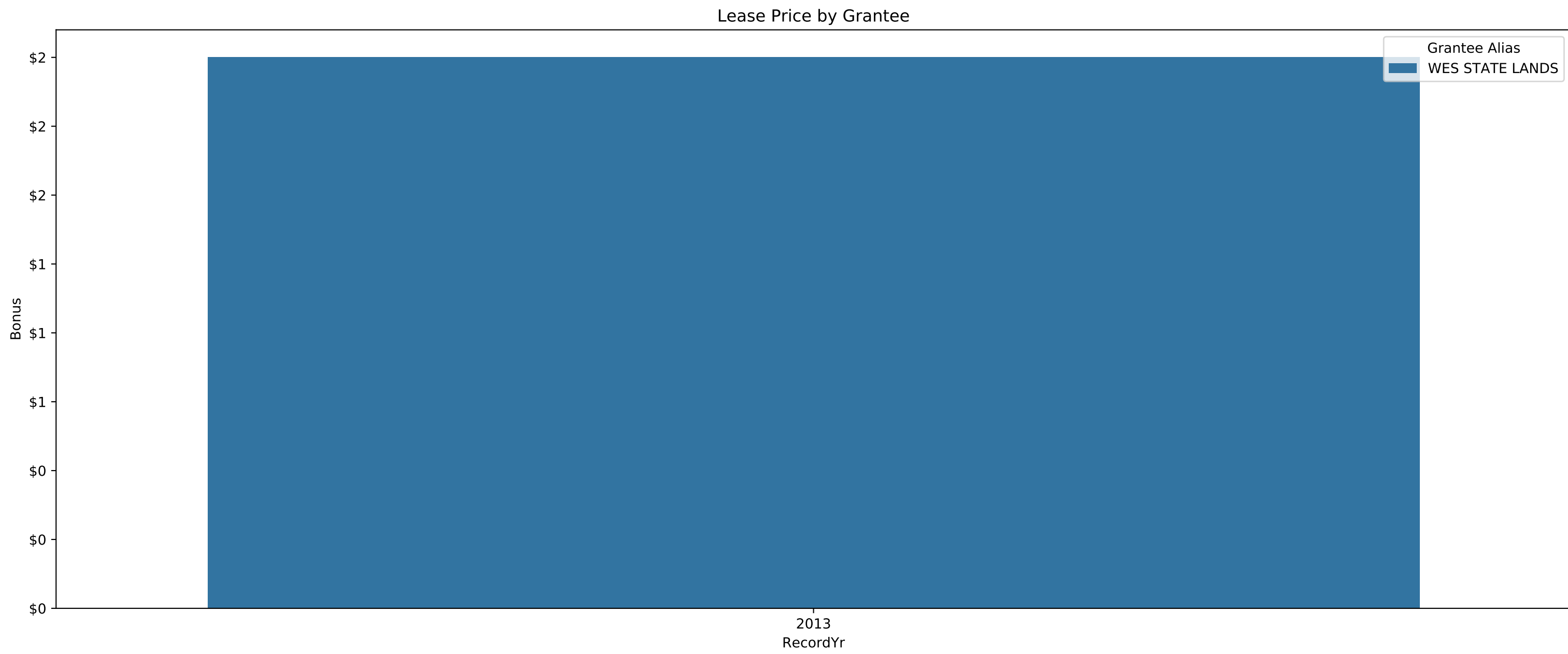
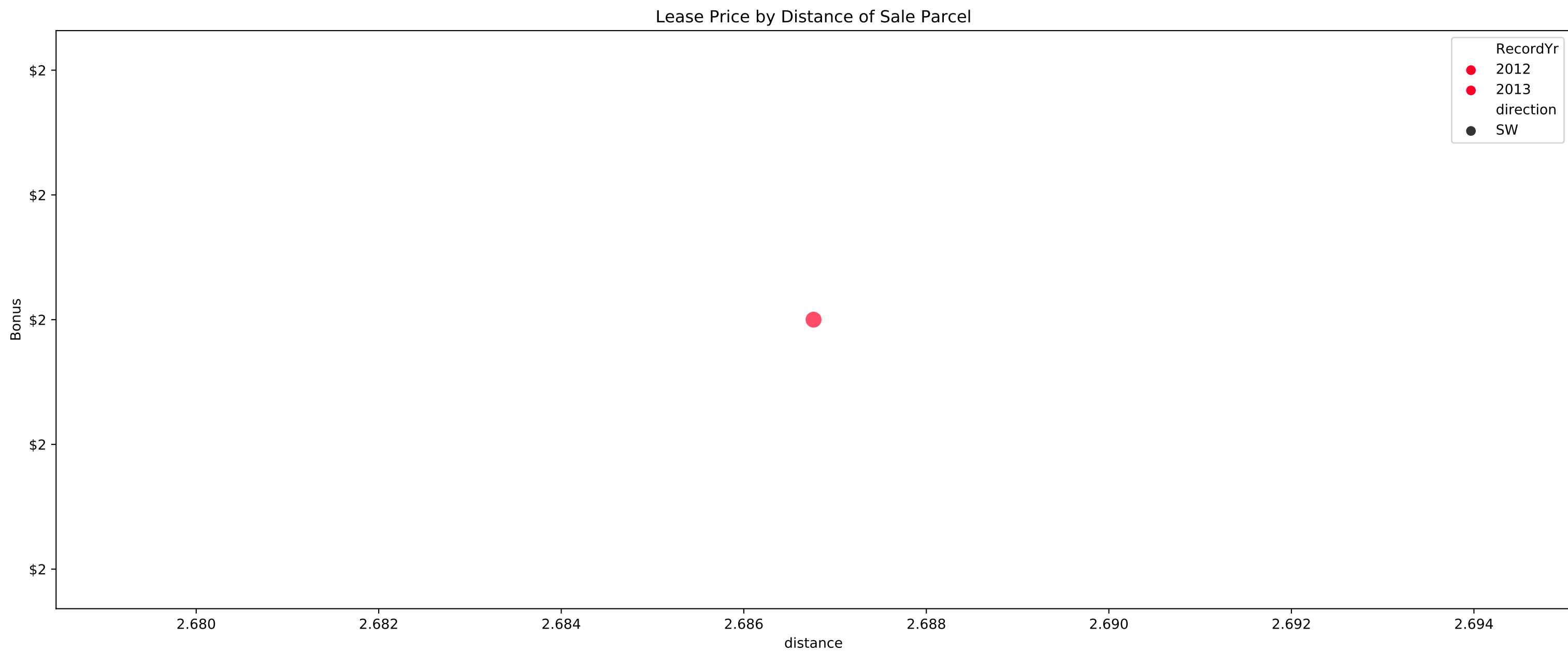
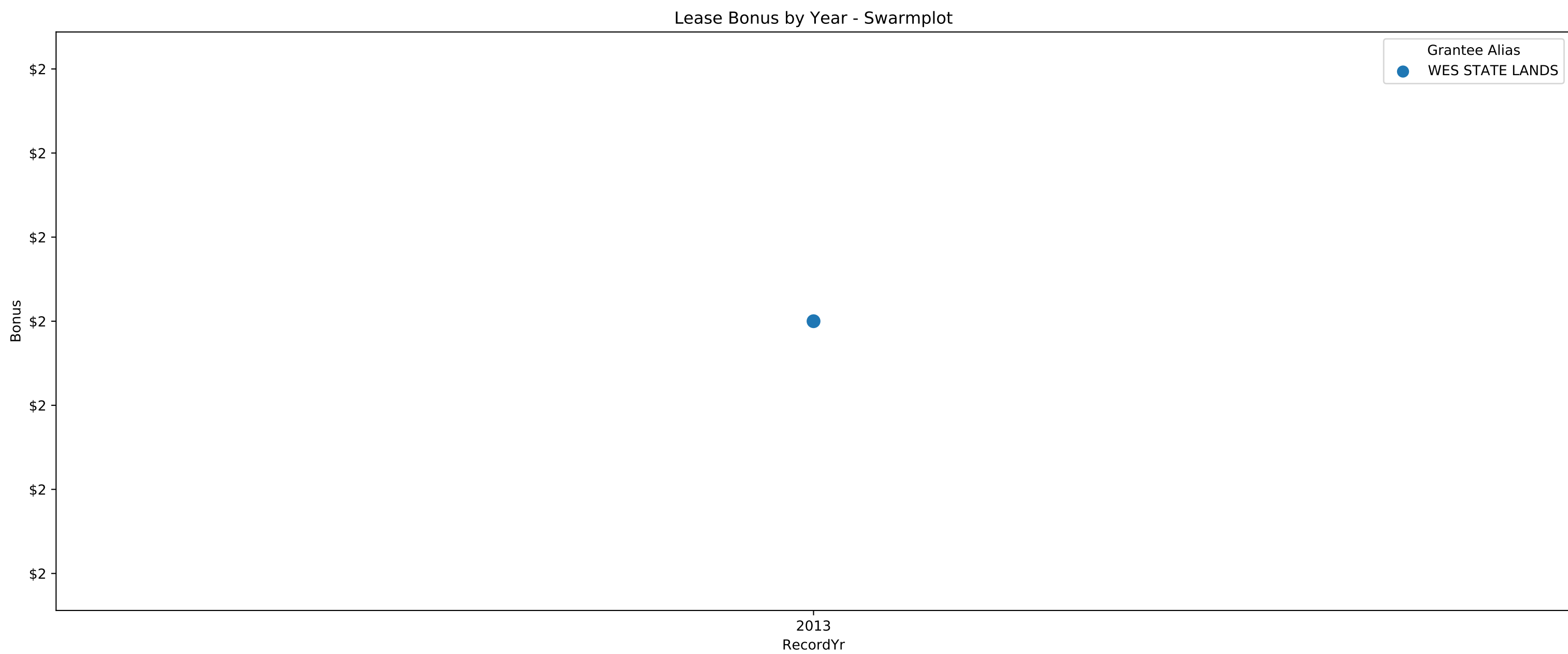
Lease Summary for tract 51
Total Number of Leases: 1
Average Price \$2/acre in 2013



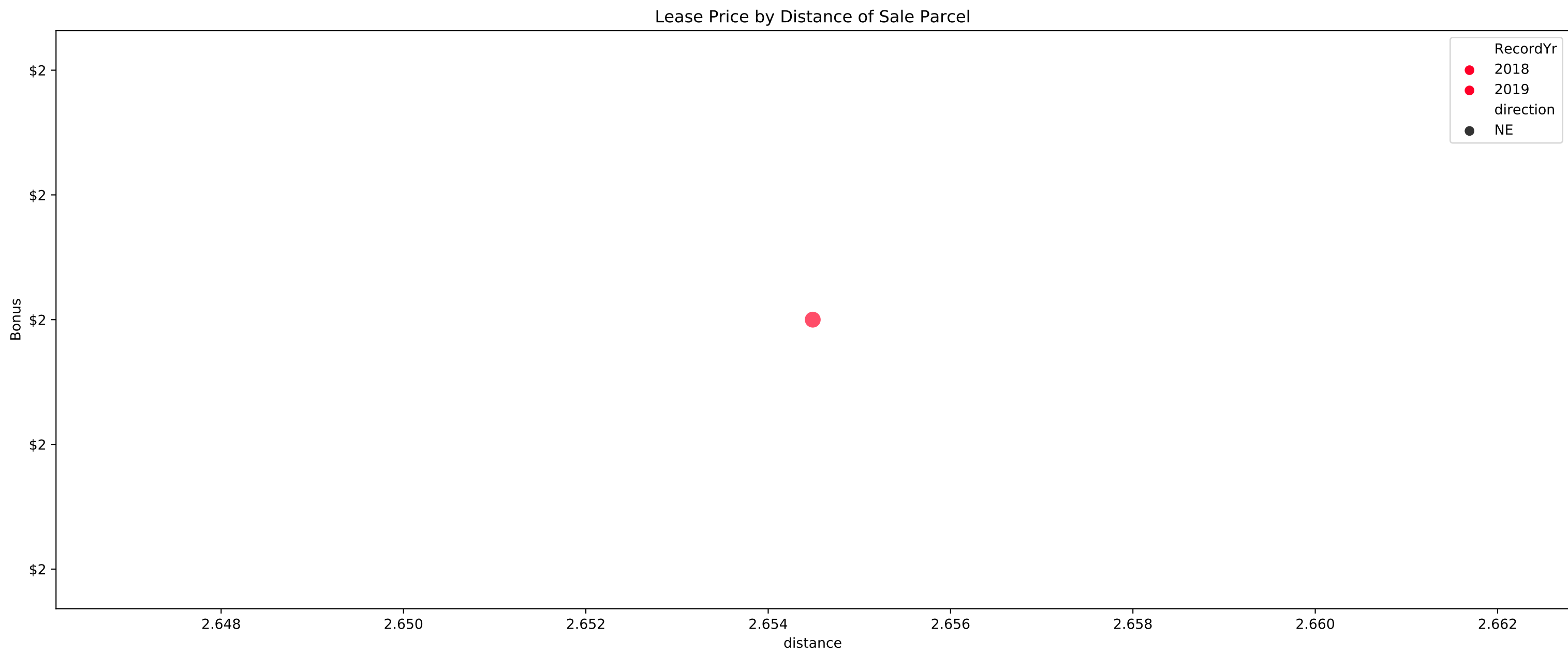
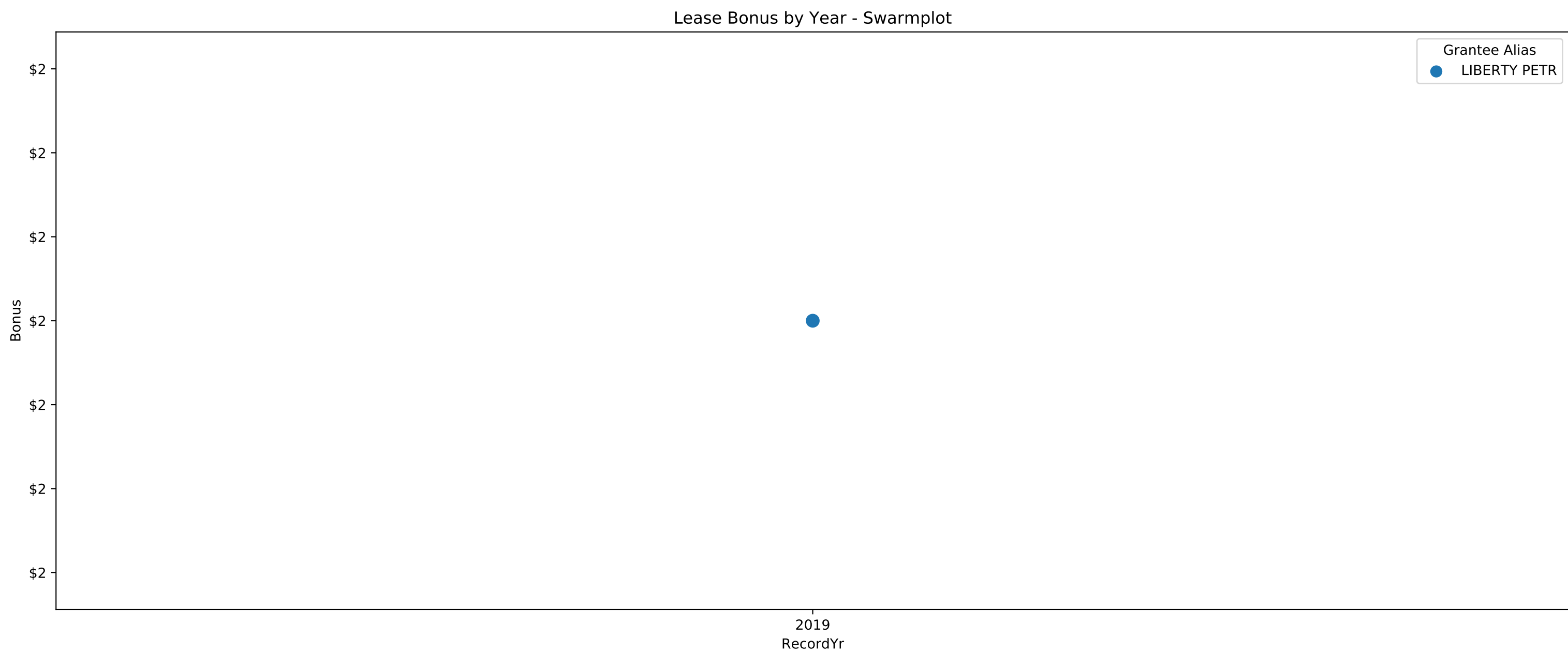
Lease Summary for tract 110
Total Number of Leases: 2
Average Price \$42/acre in 2019



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



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



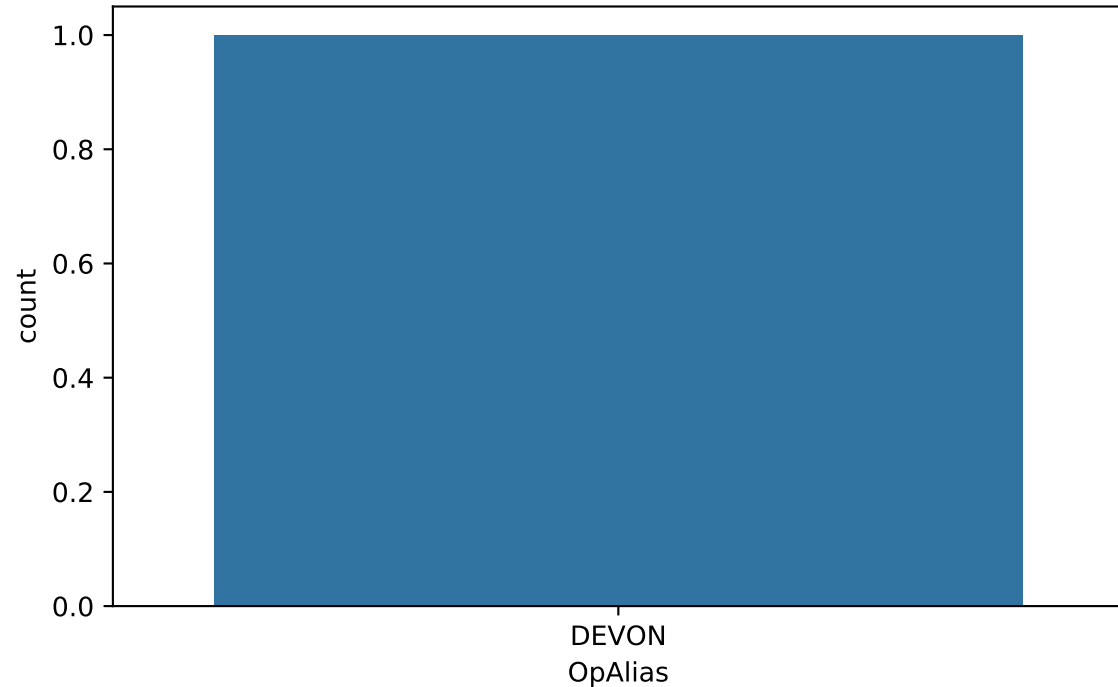
Permit Summary for Tract 12

Total permits: 1

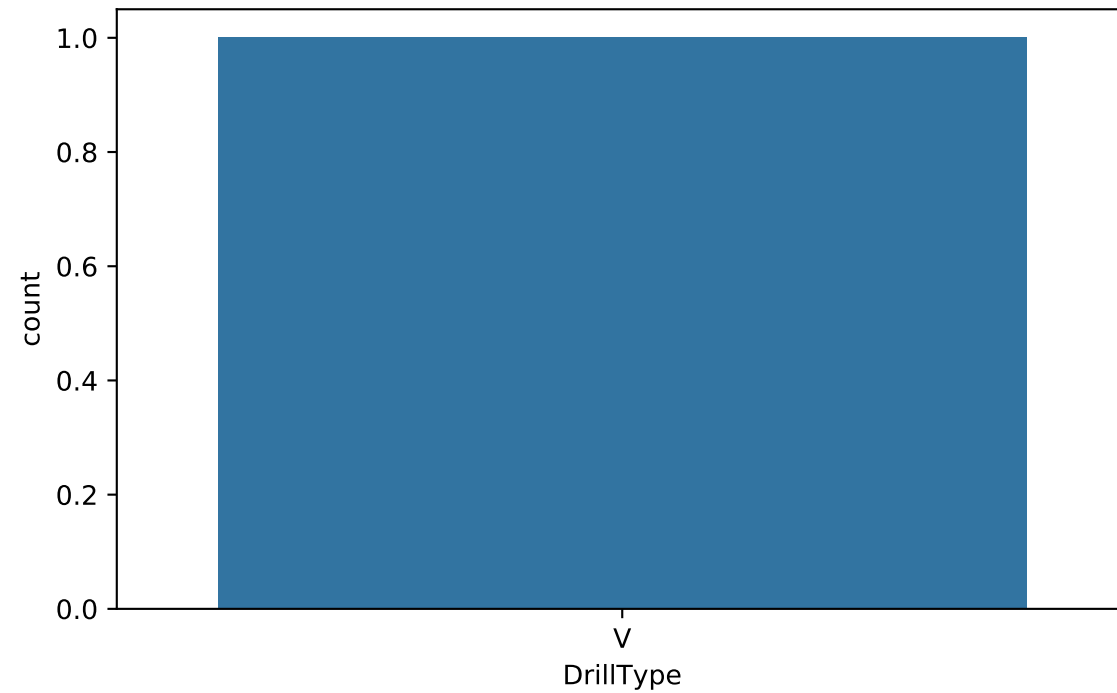
Permits by Well Status



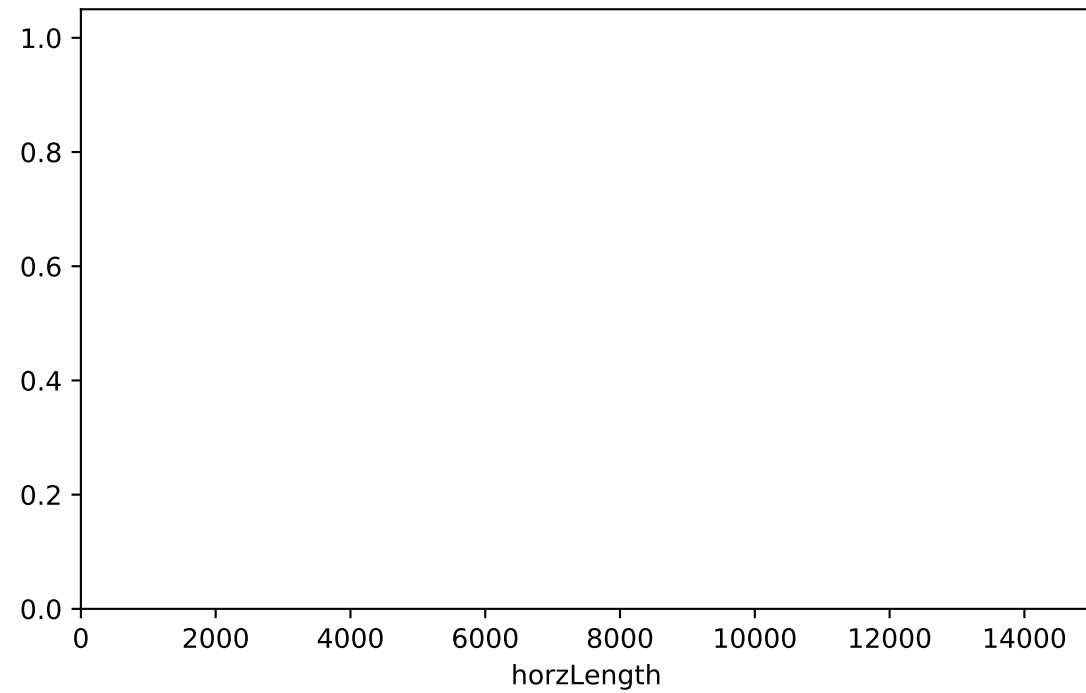
Permits by Operator



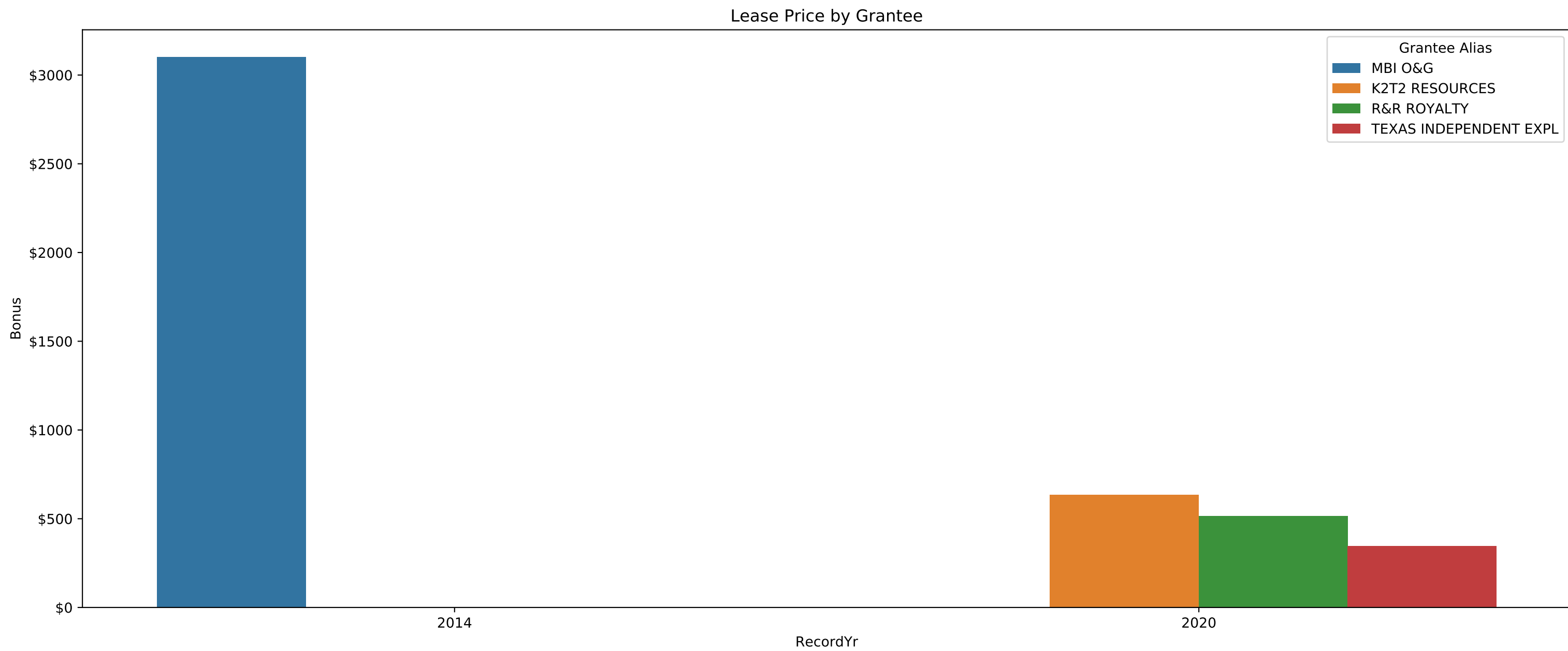
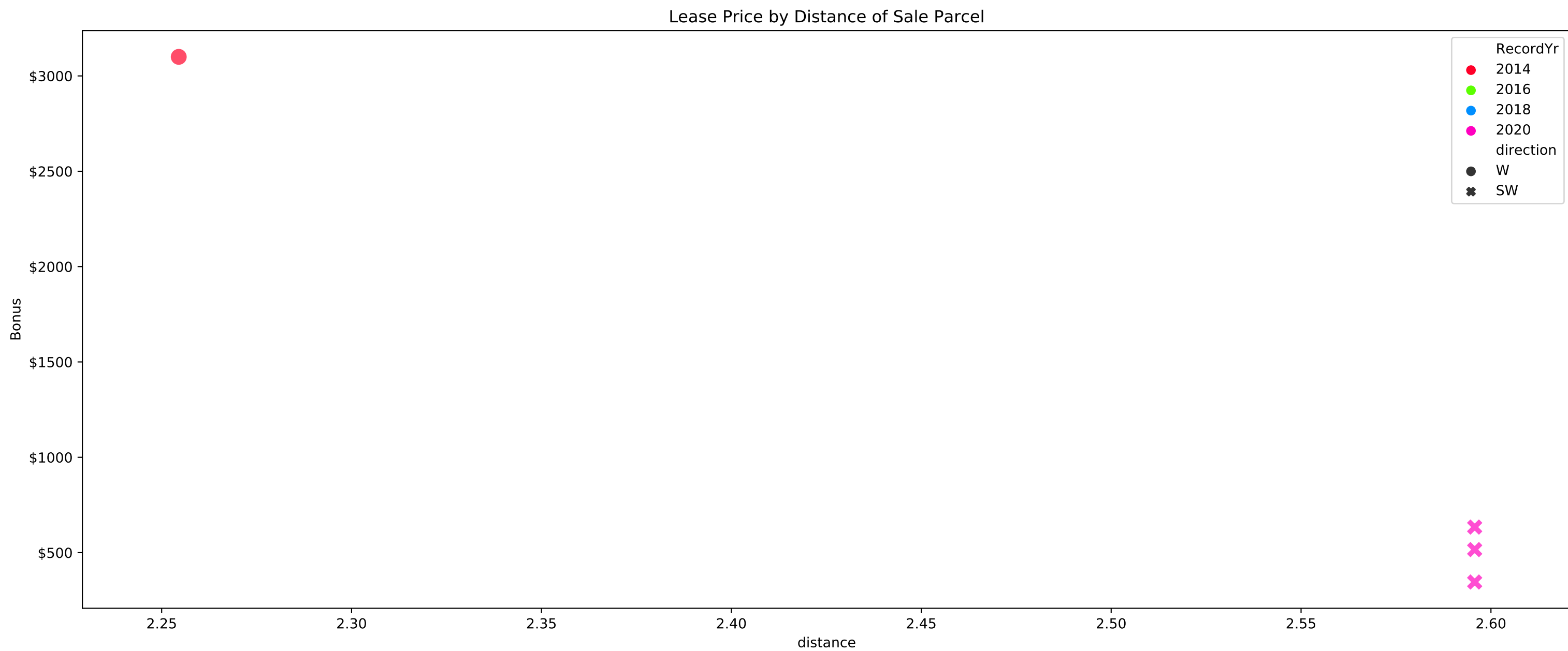
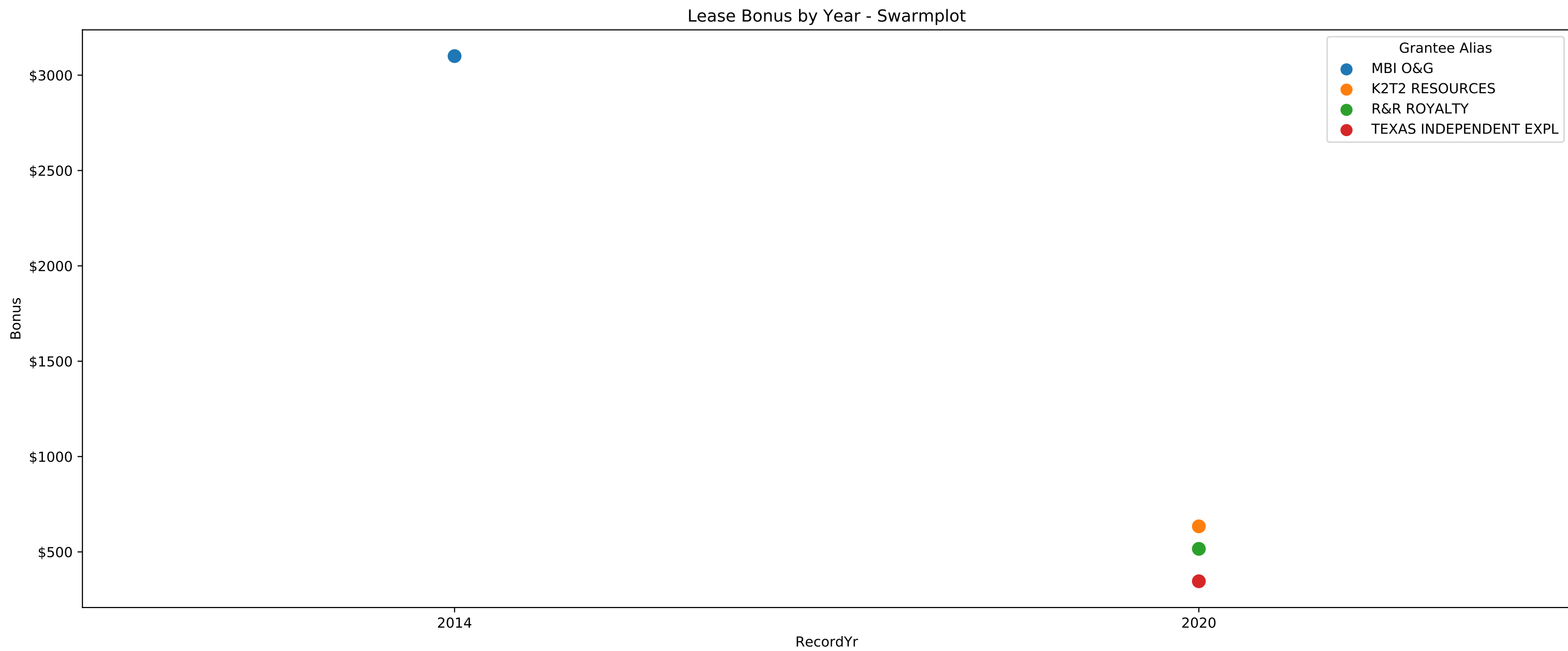
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



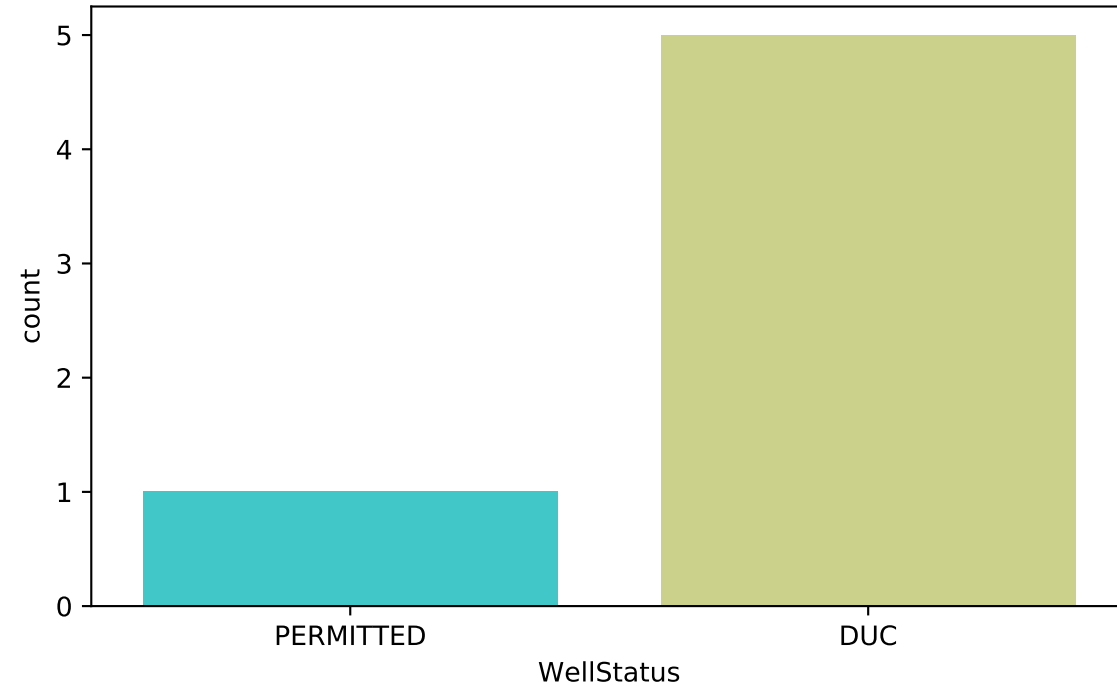
Lease Summary for tract 12
Total Number of Leases: 4
Average Price \$499/acre in 2020



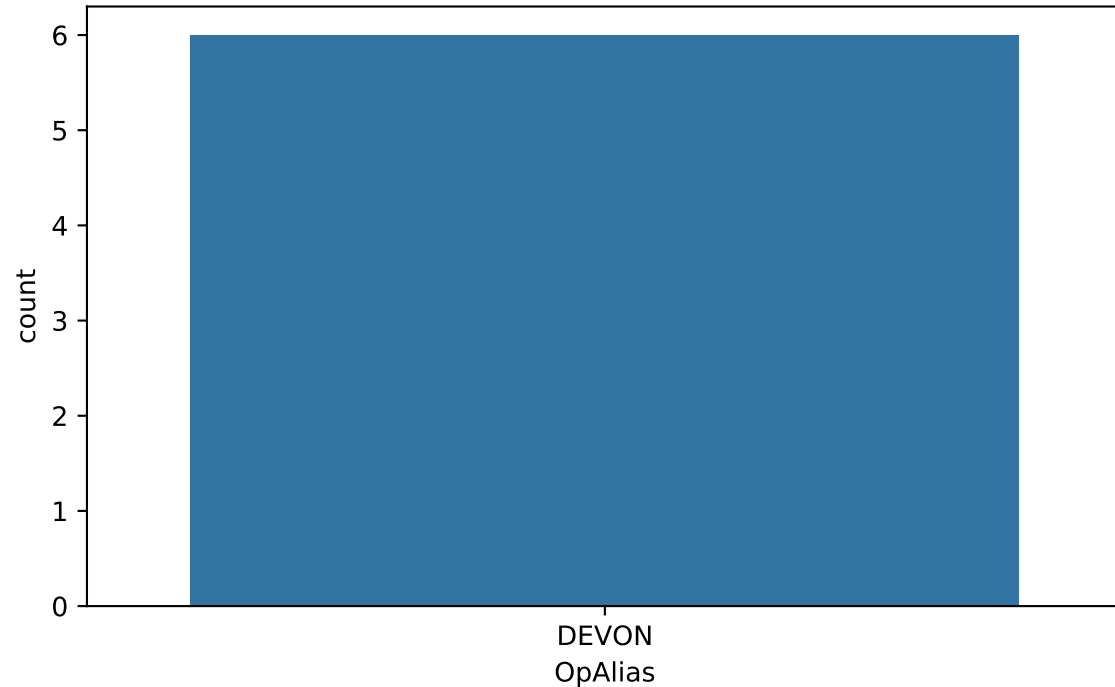
Permit Summary for Tract 124

Total permits: 6

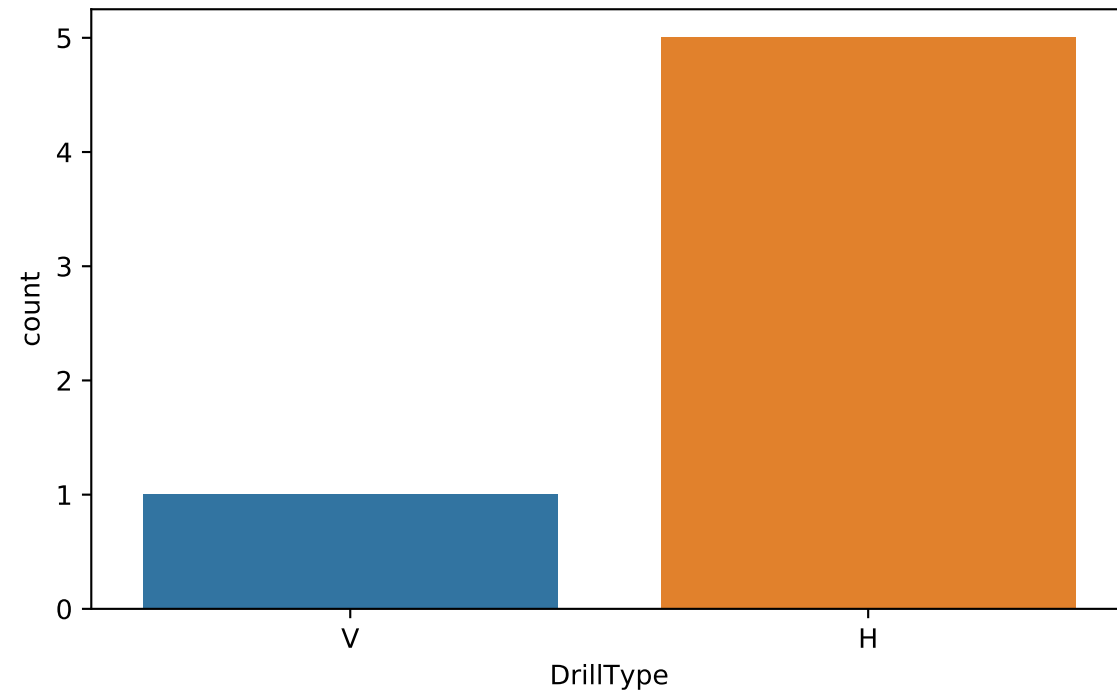
Permits by Well Status



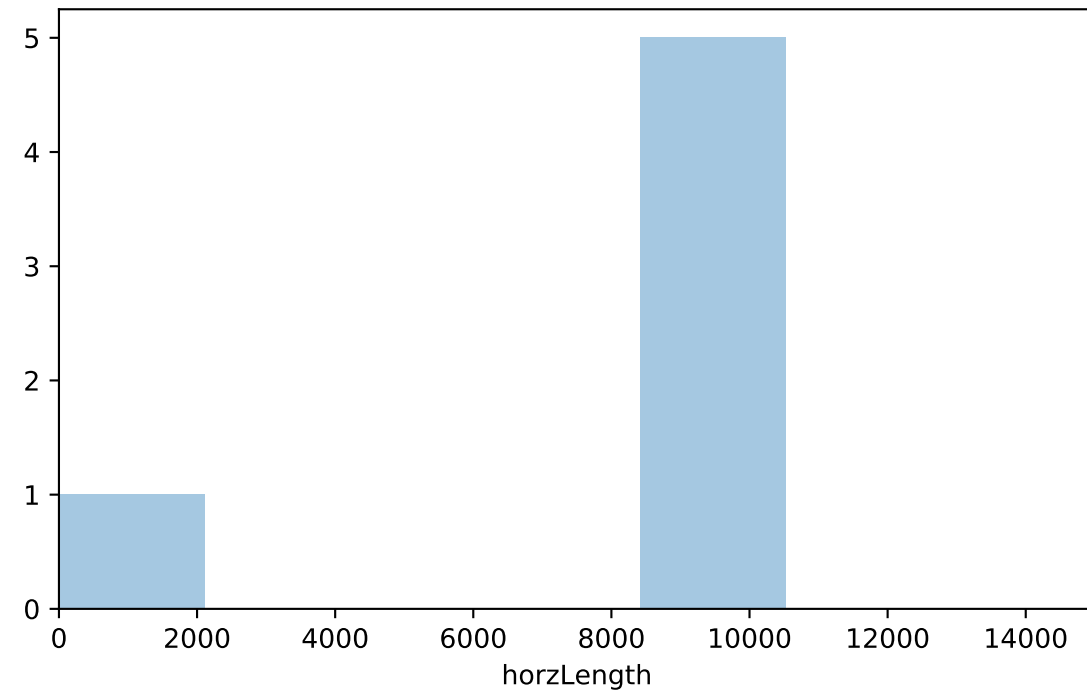
Permits by Operator



Permits by Well Type (H,D,V)



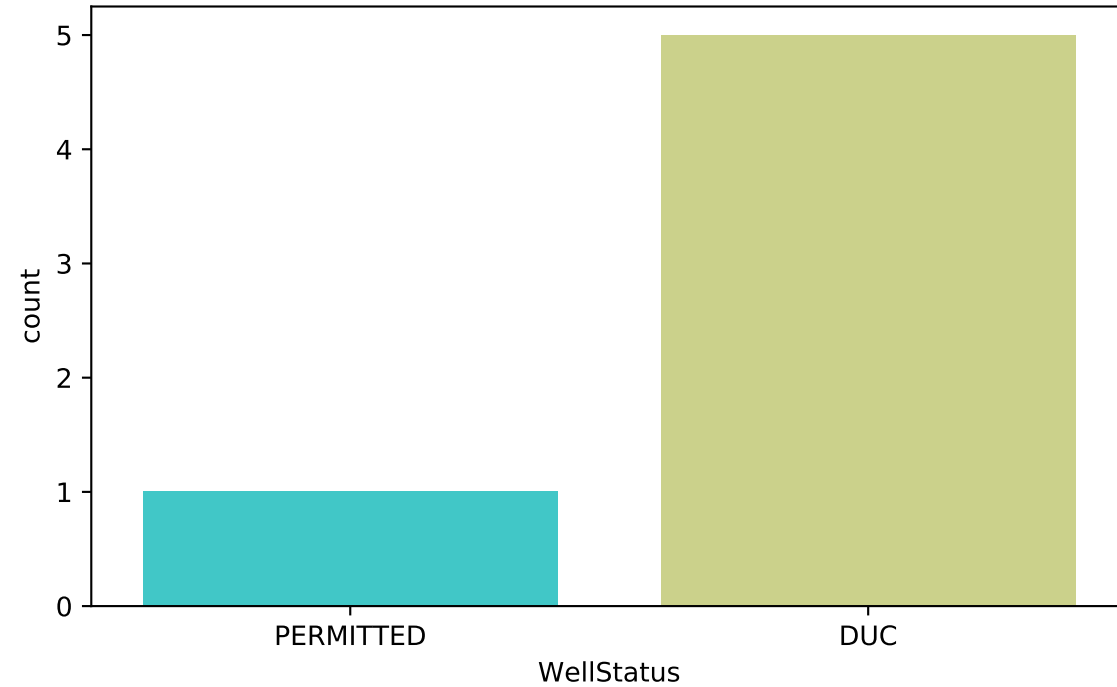
Permit Horizontal Lengths - Binned



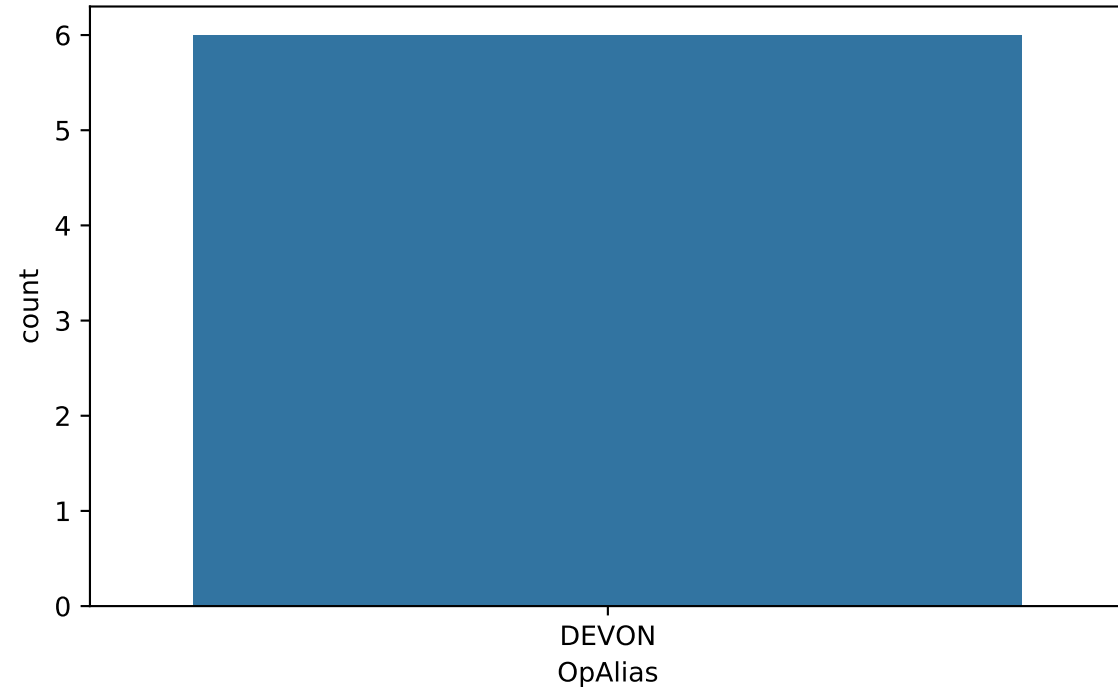
Permit Summary for Tract 11

Total permits: 6

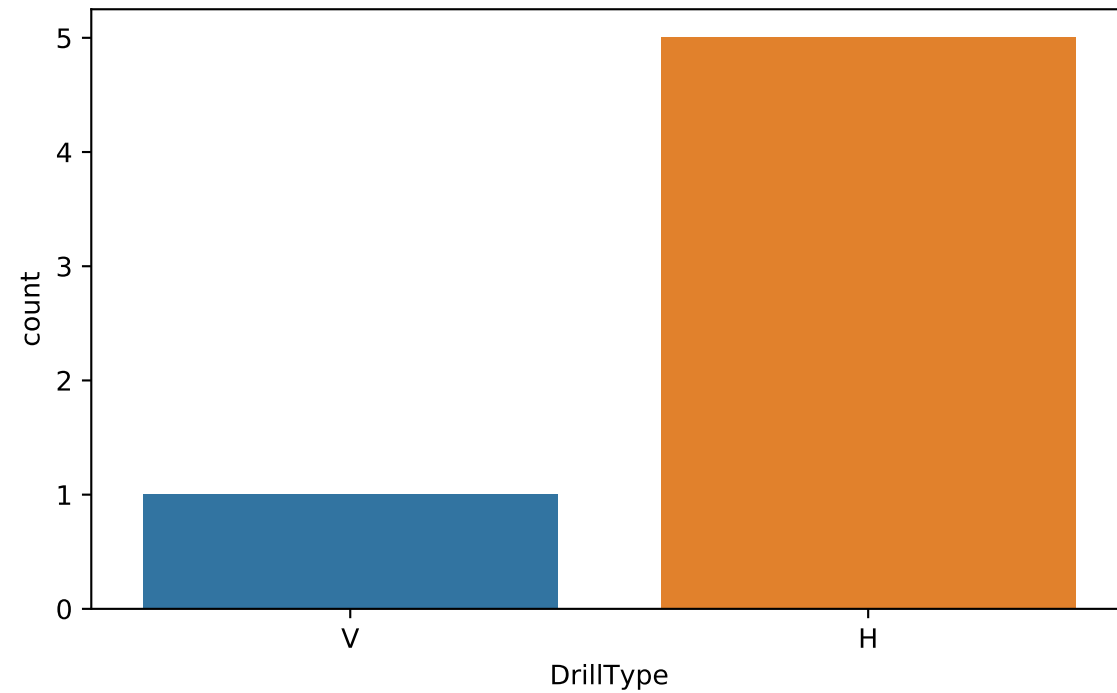
Permits by Well Status



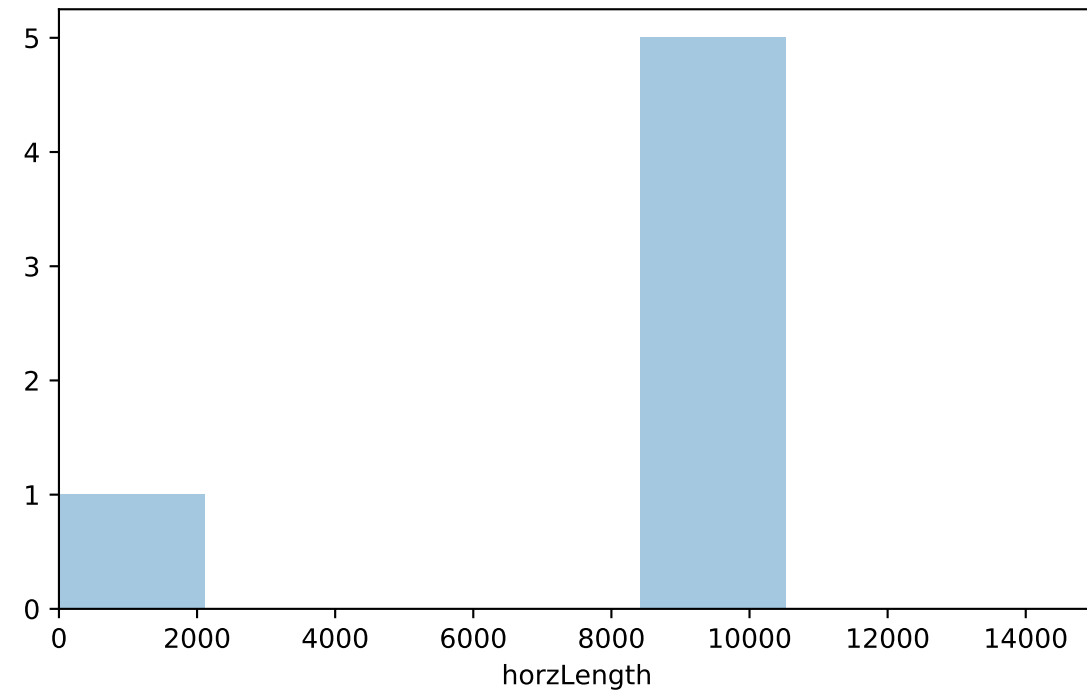
Permits by Operator



Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



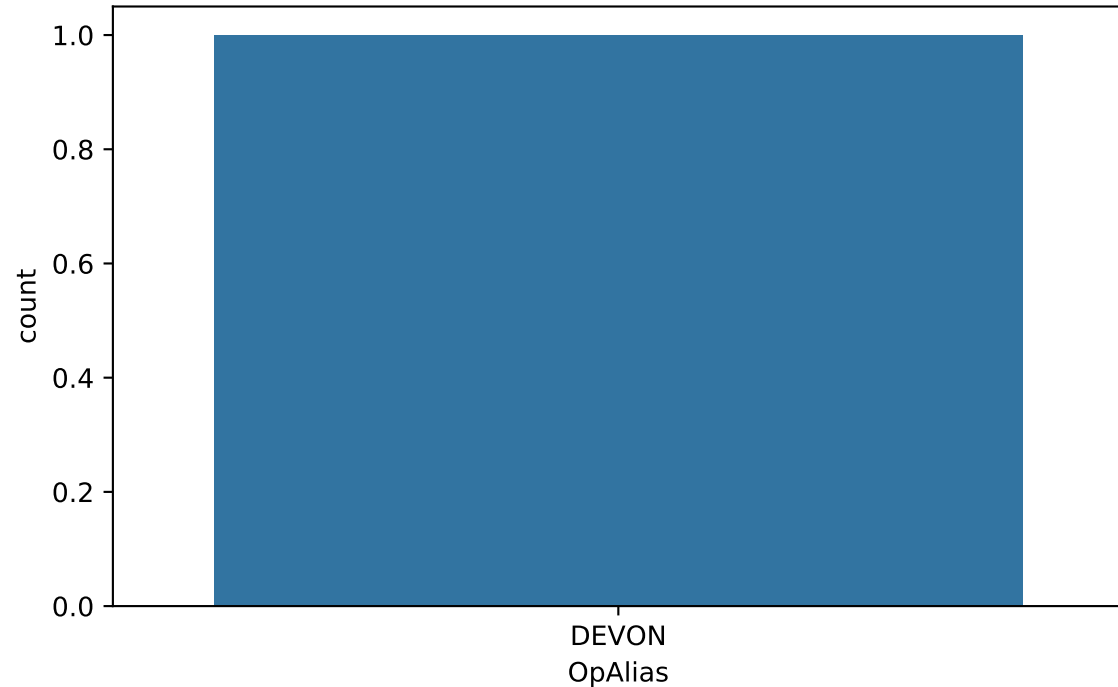
Permit Summary for Tract 10

Total permits: 1

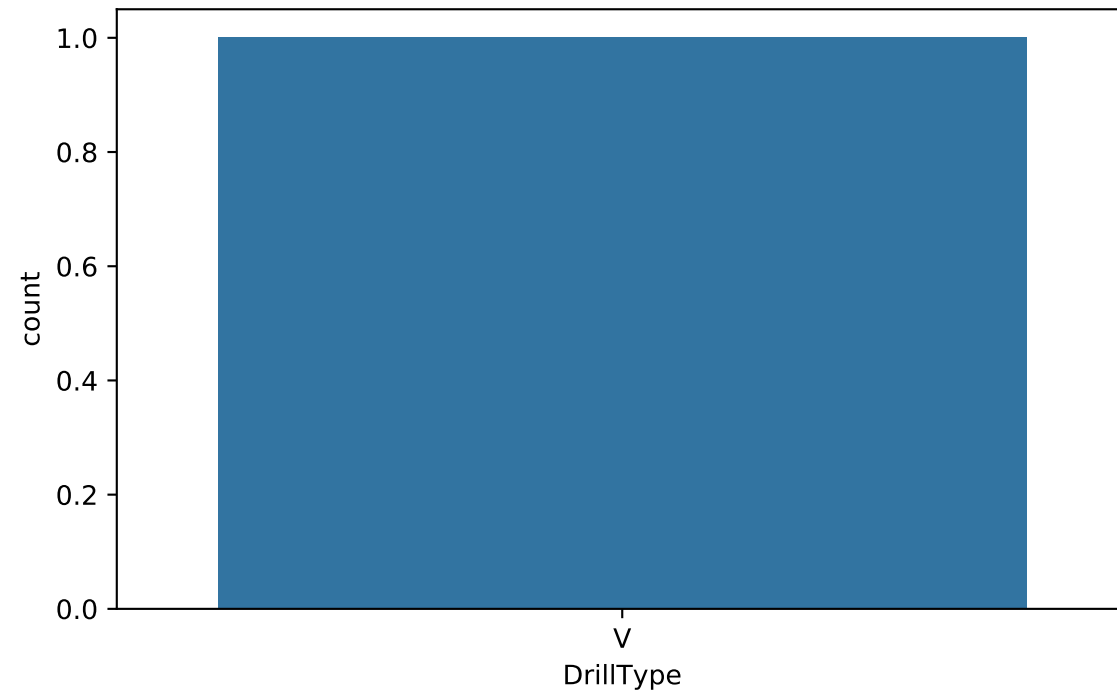
Permits by Well Status



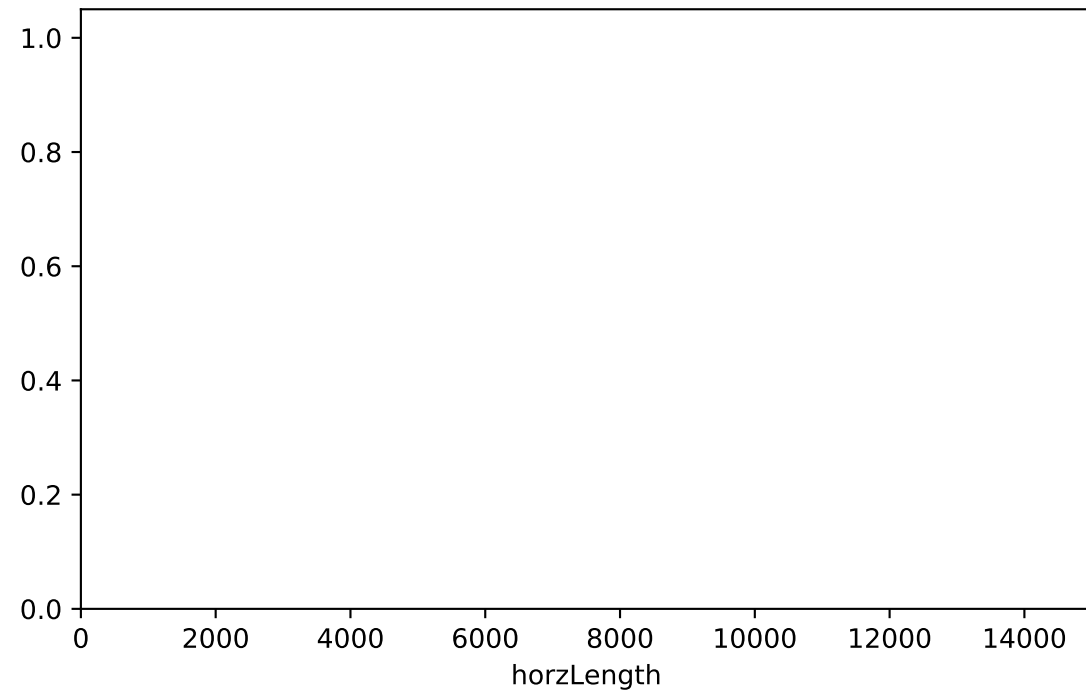
Permits by Operator



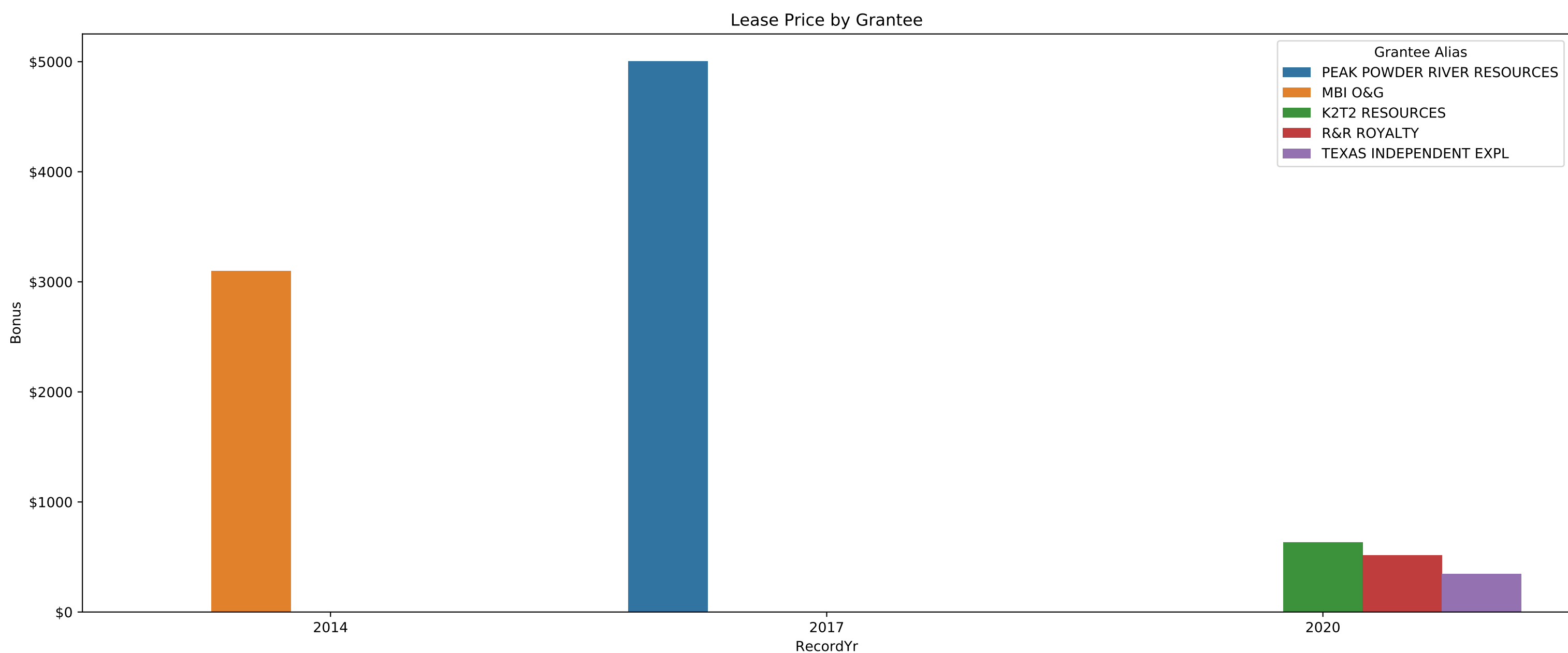
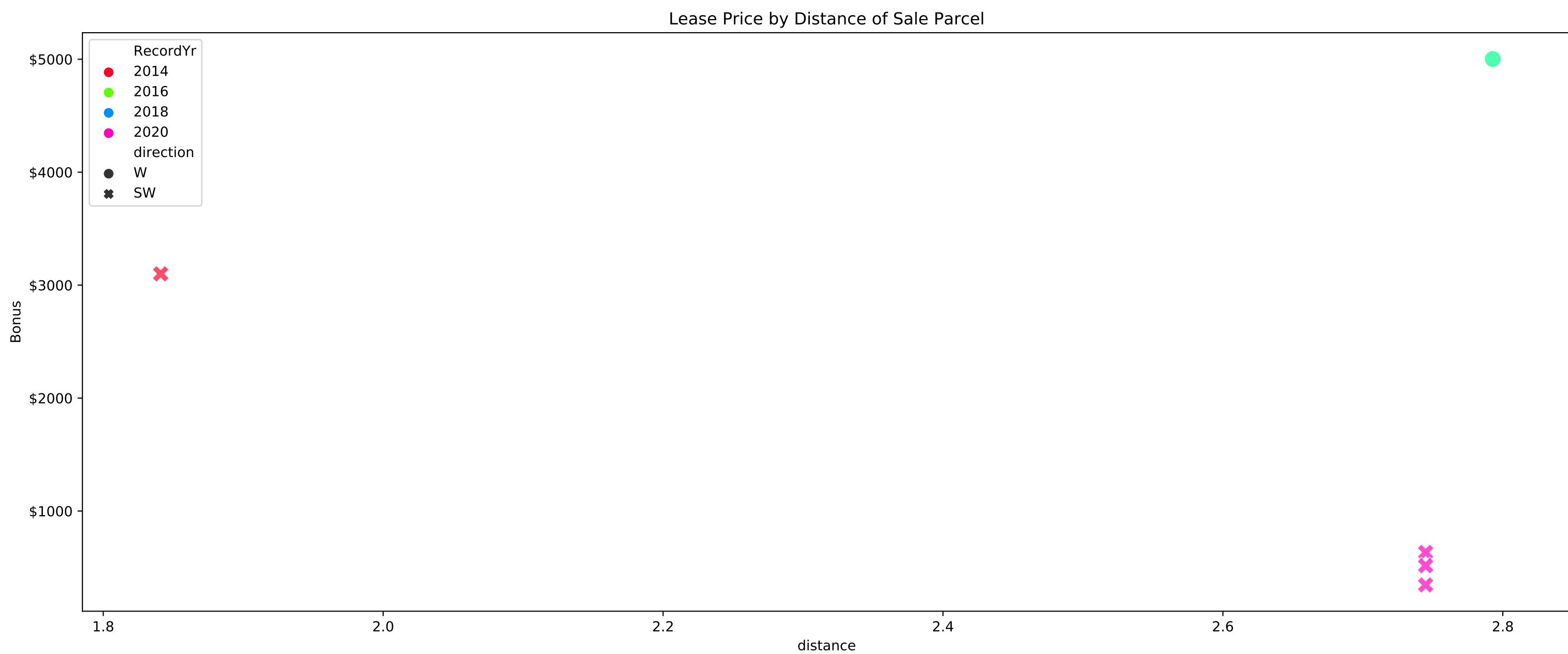
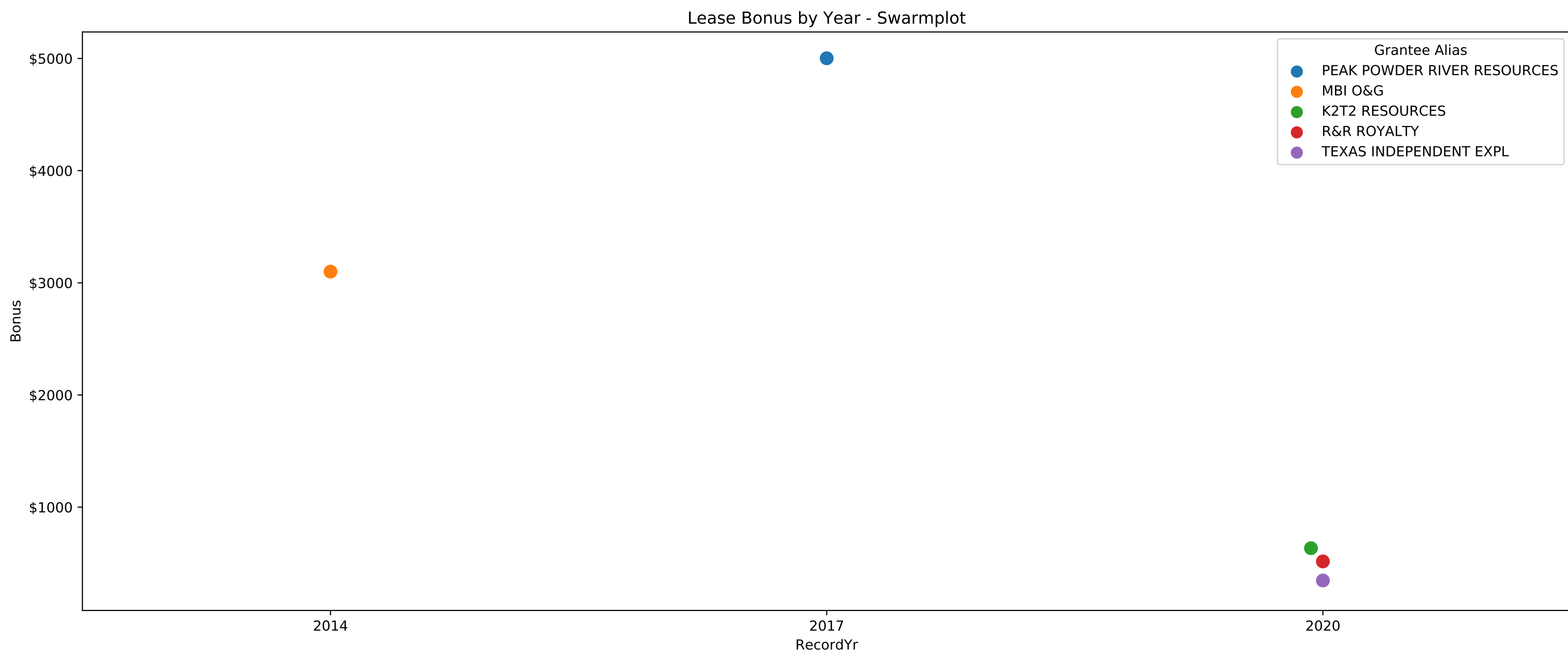
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



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



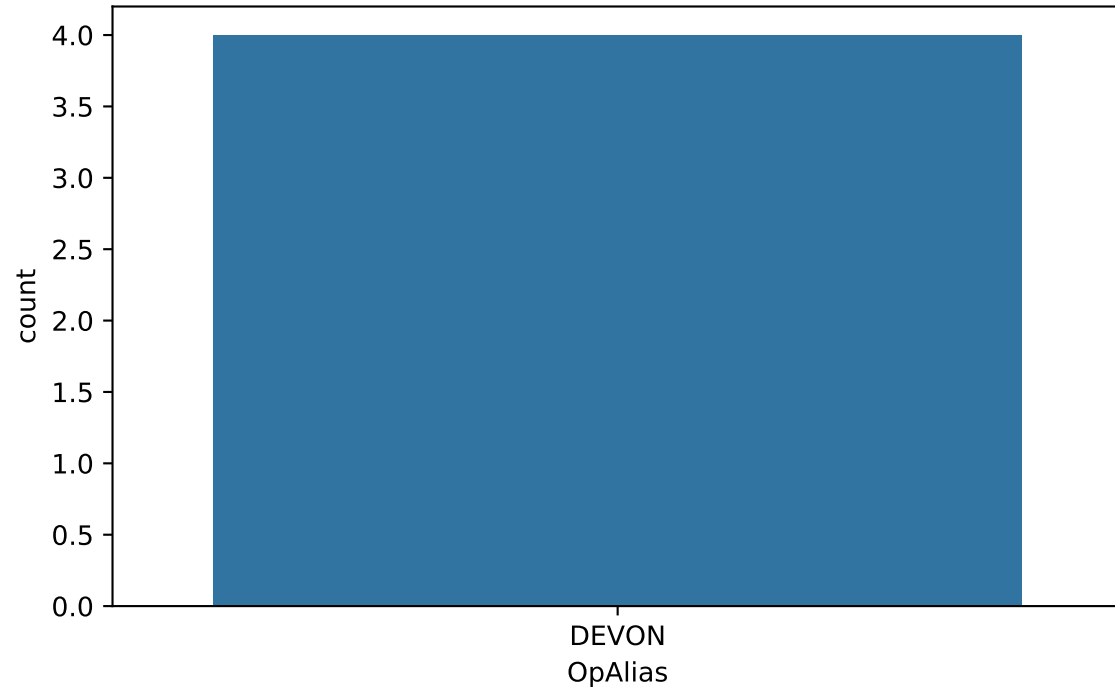
Permit Summary for Tract 91

Total permits: 4

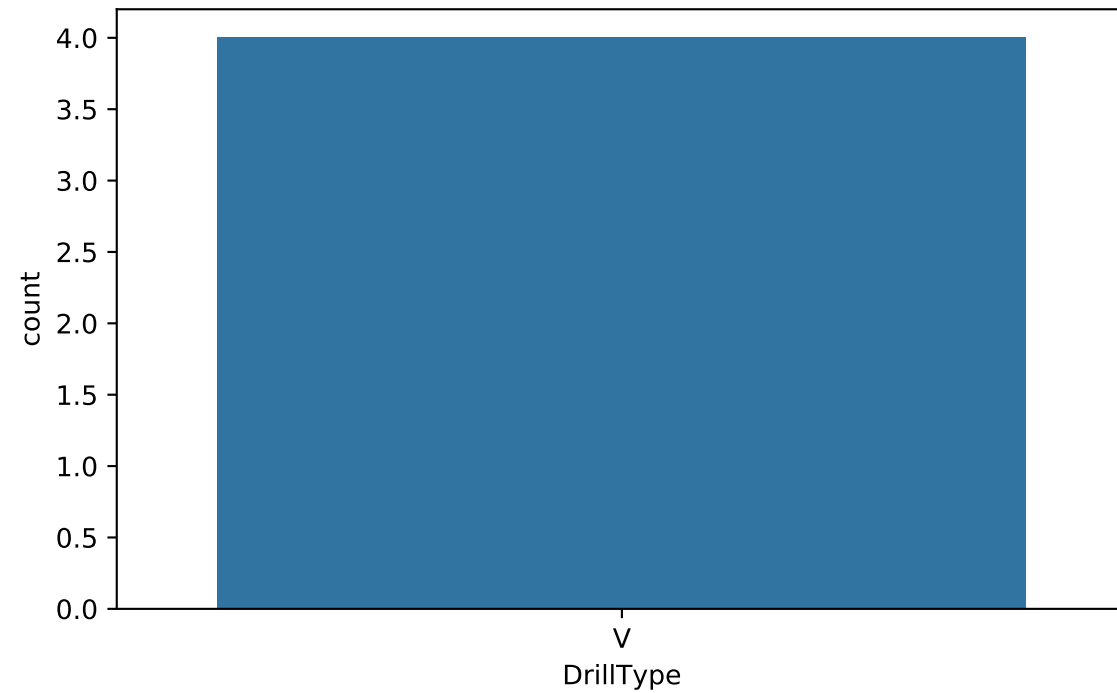
Permits by Well Status



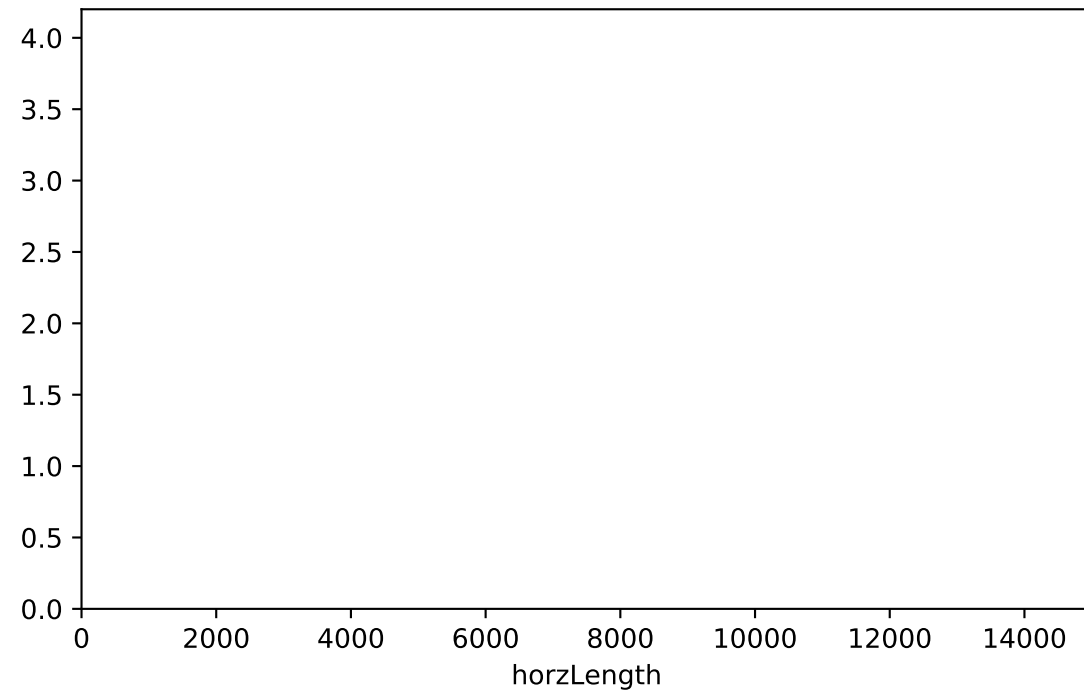
Permits by Operator



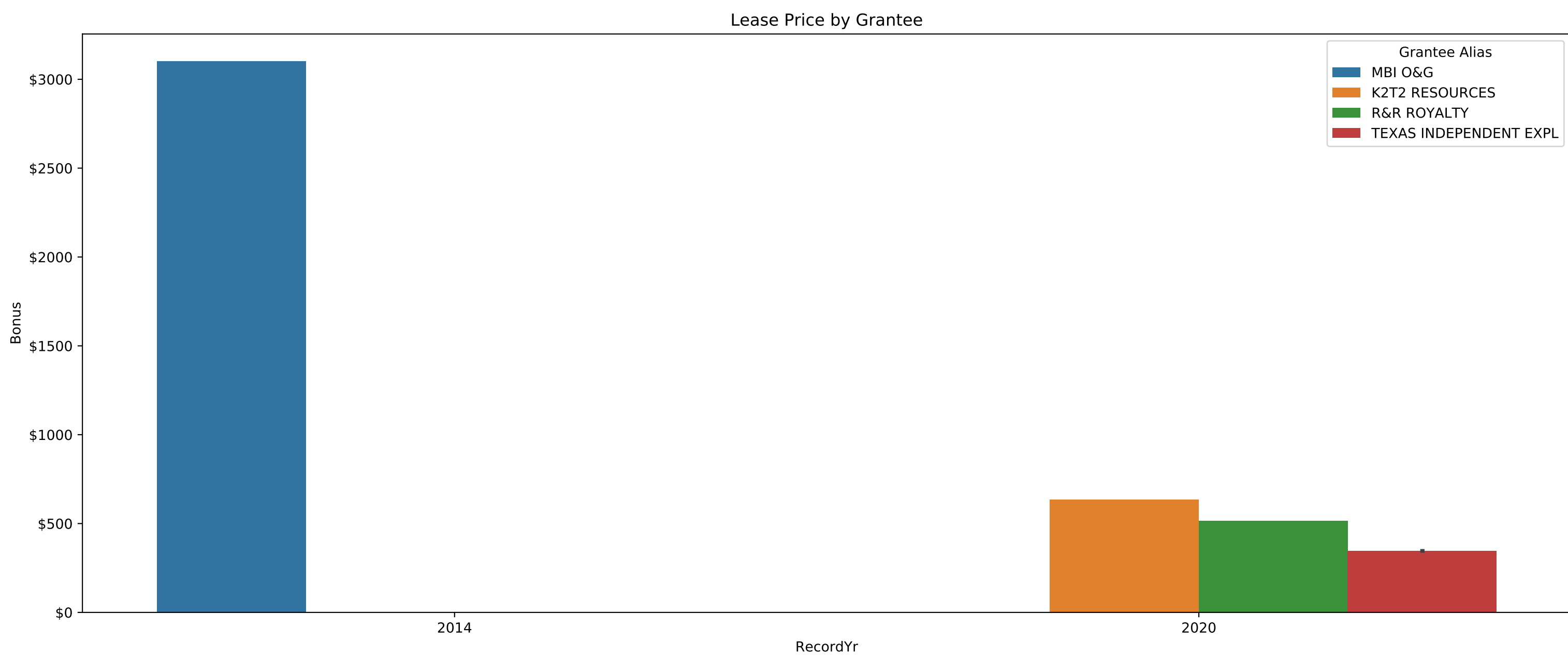
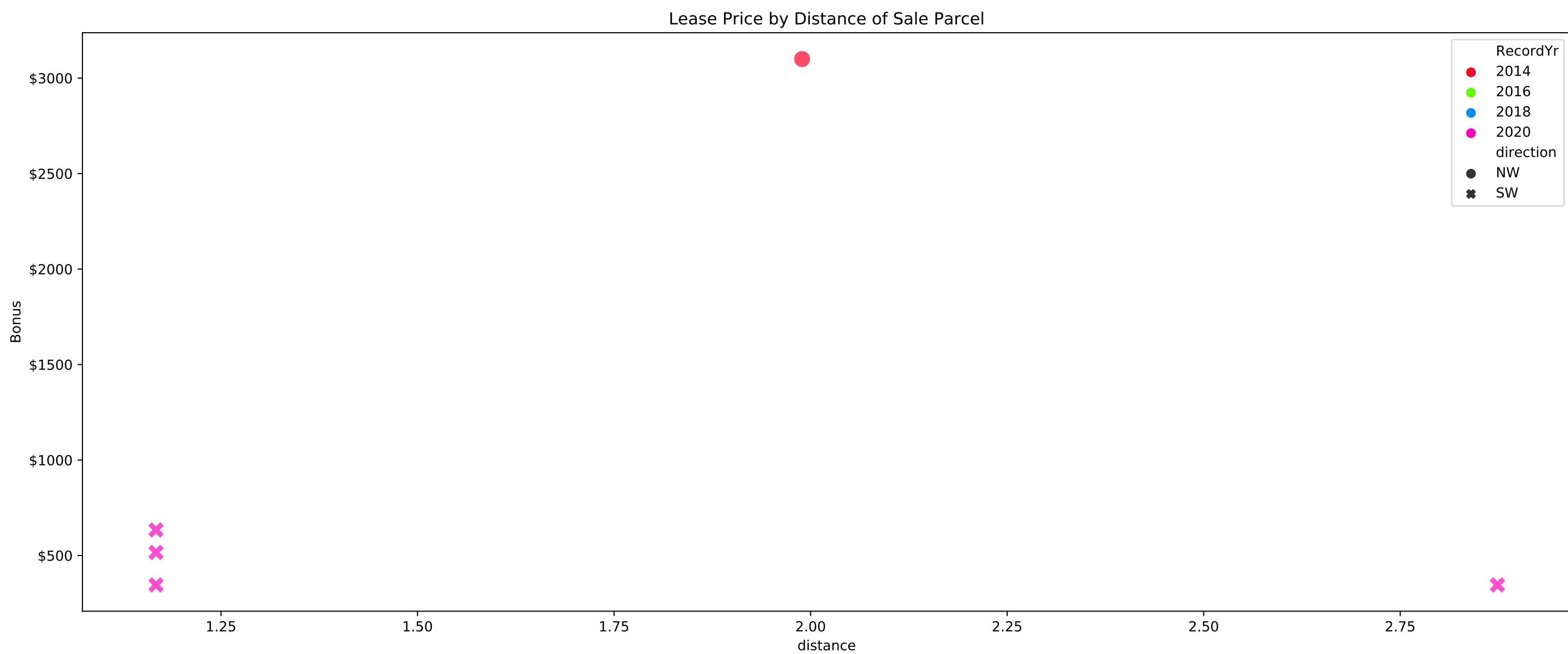
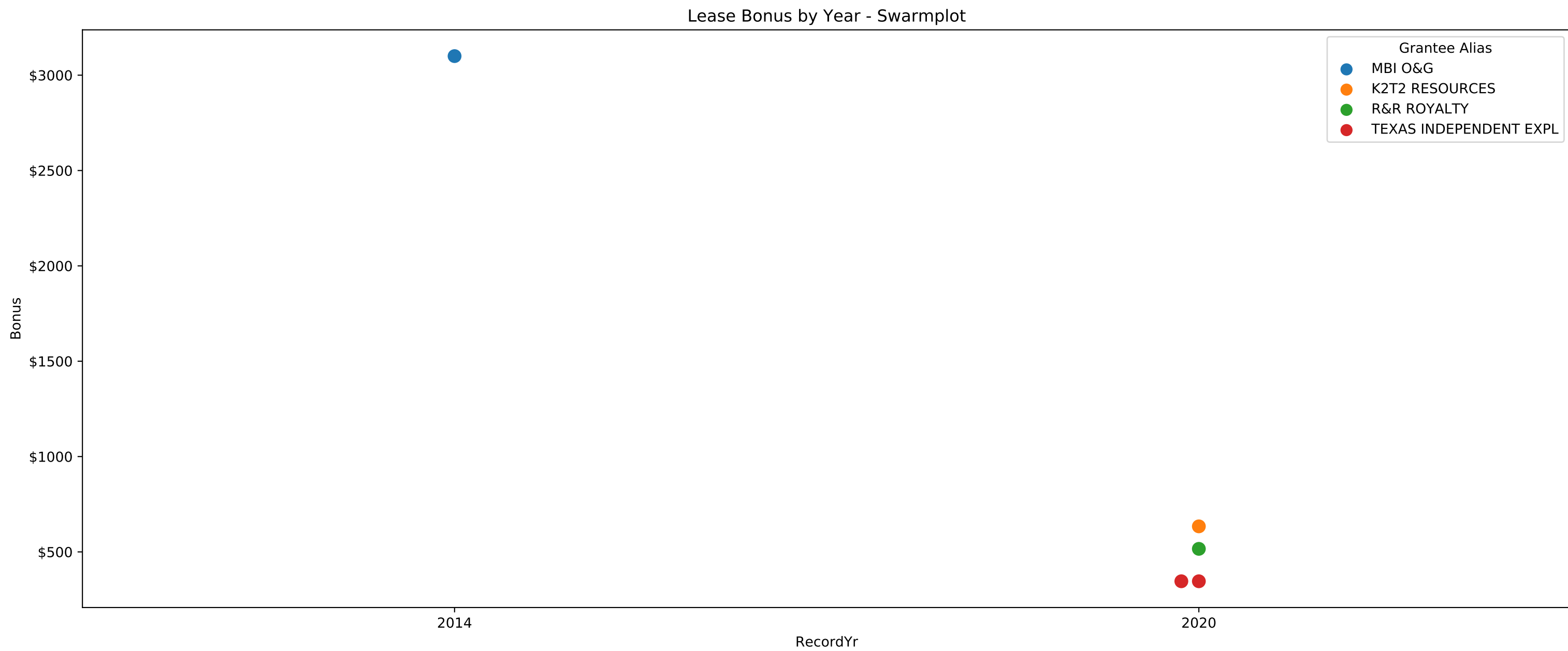
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



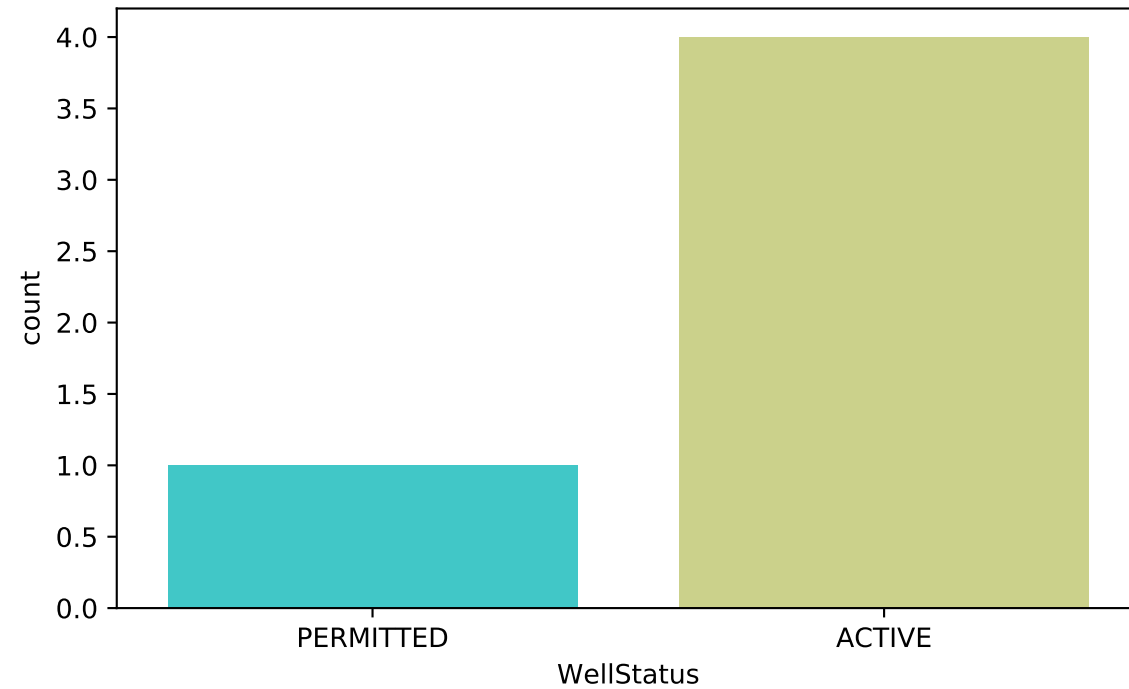
Lease Summary for tract 91
Total Number of Leases: 5
Average Price \$460/acre in 2020



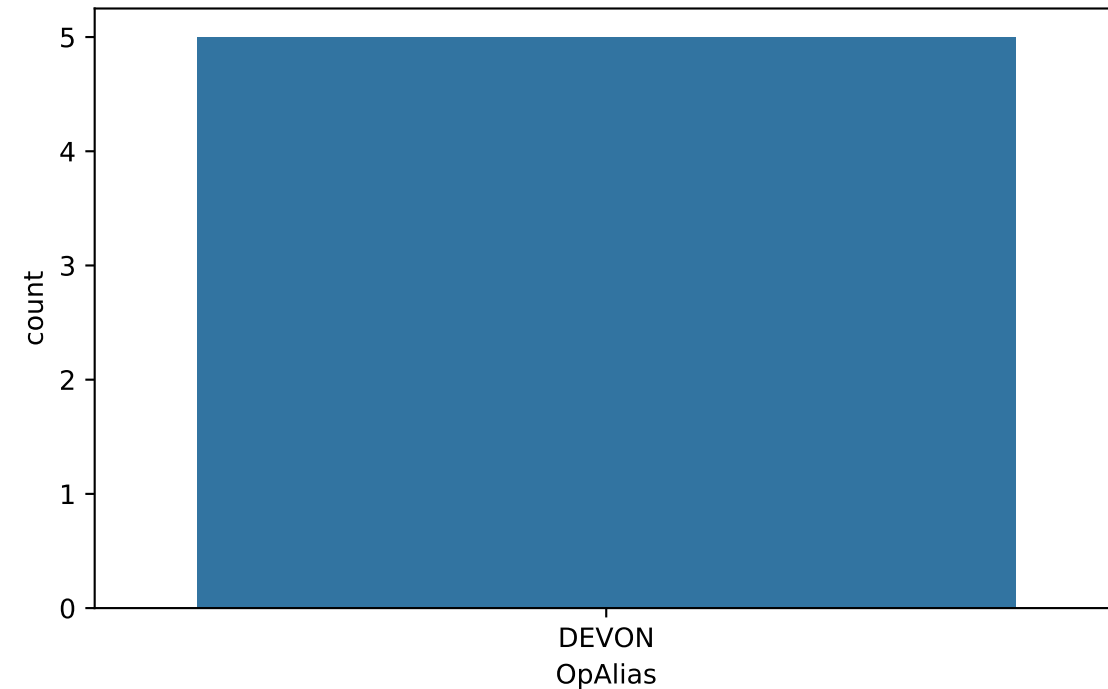
Permit Summary for Tract 126

Total permits: 5

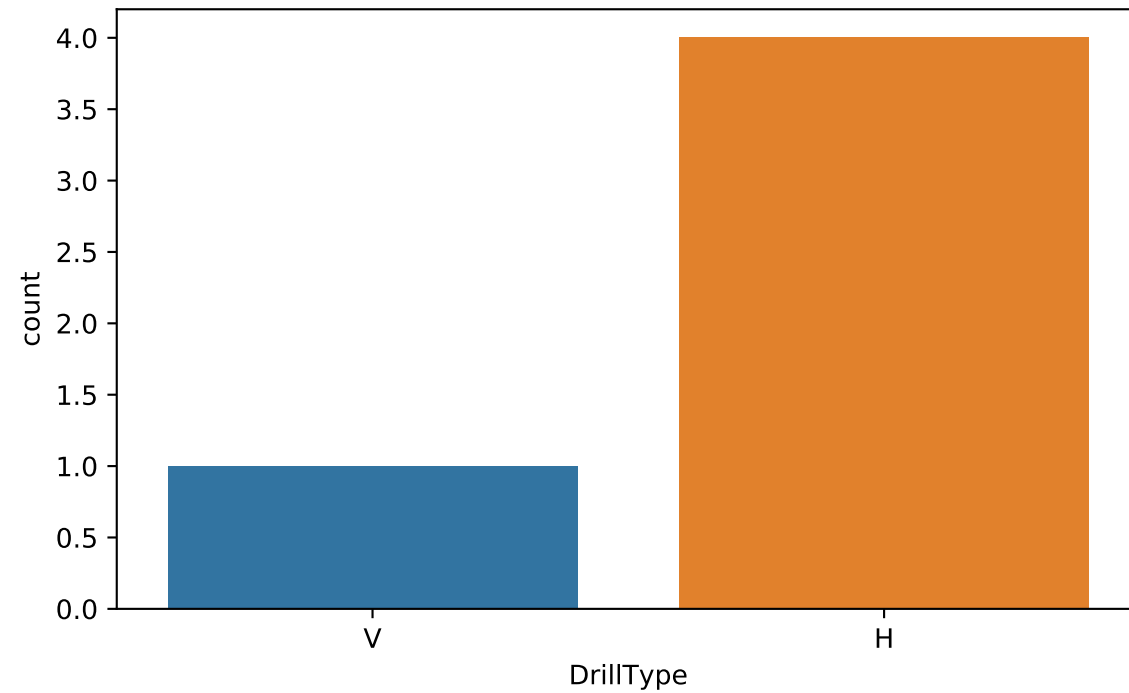
Permits by Well Status



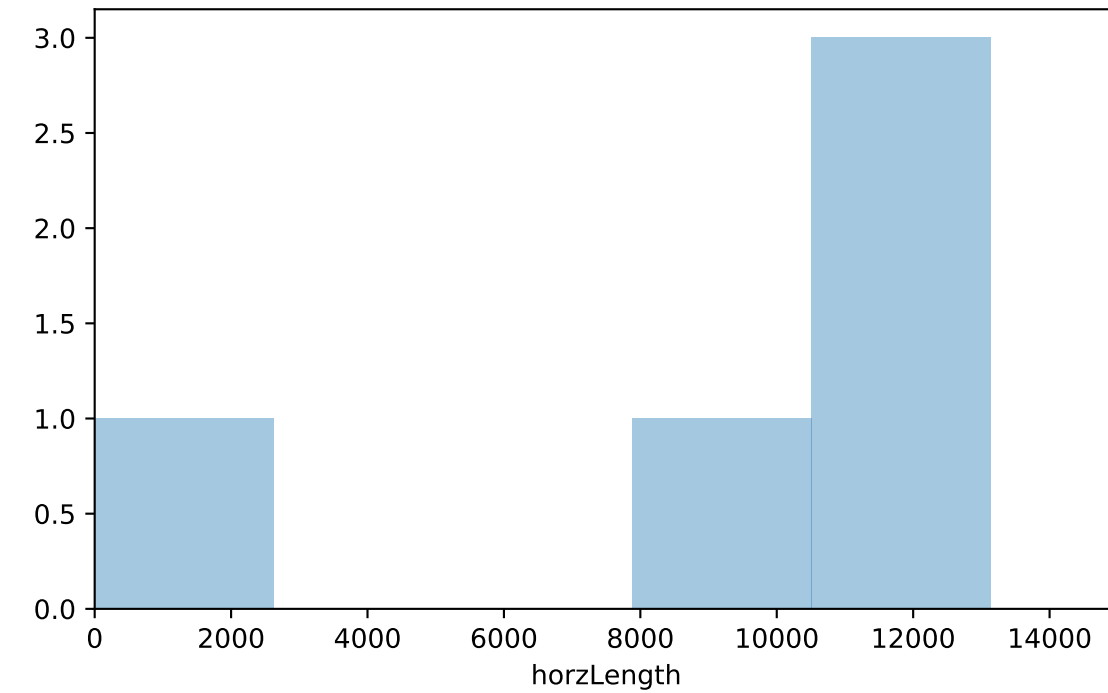
Permits by Operator



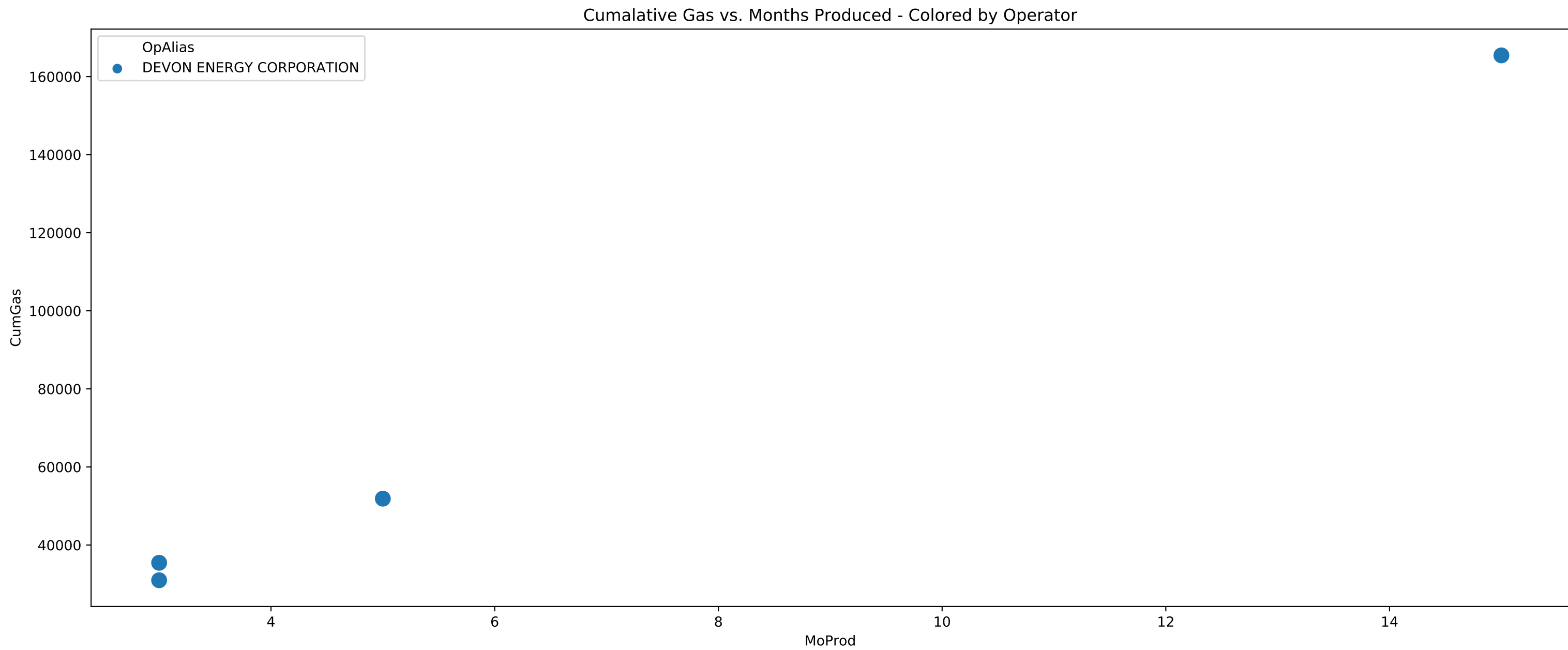
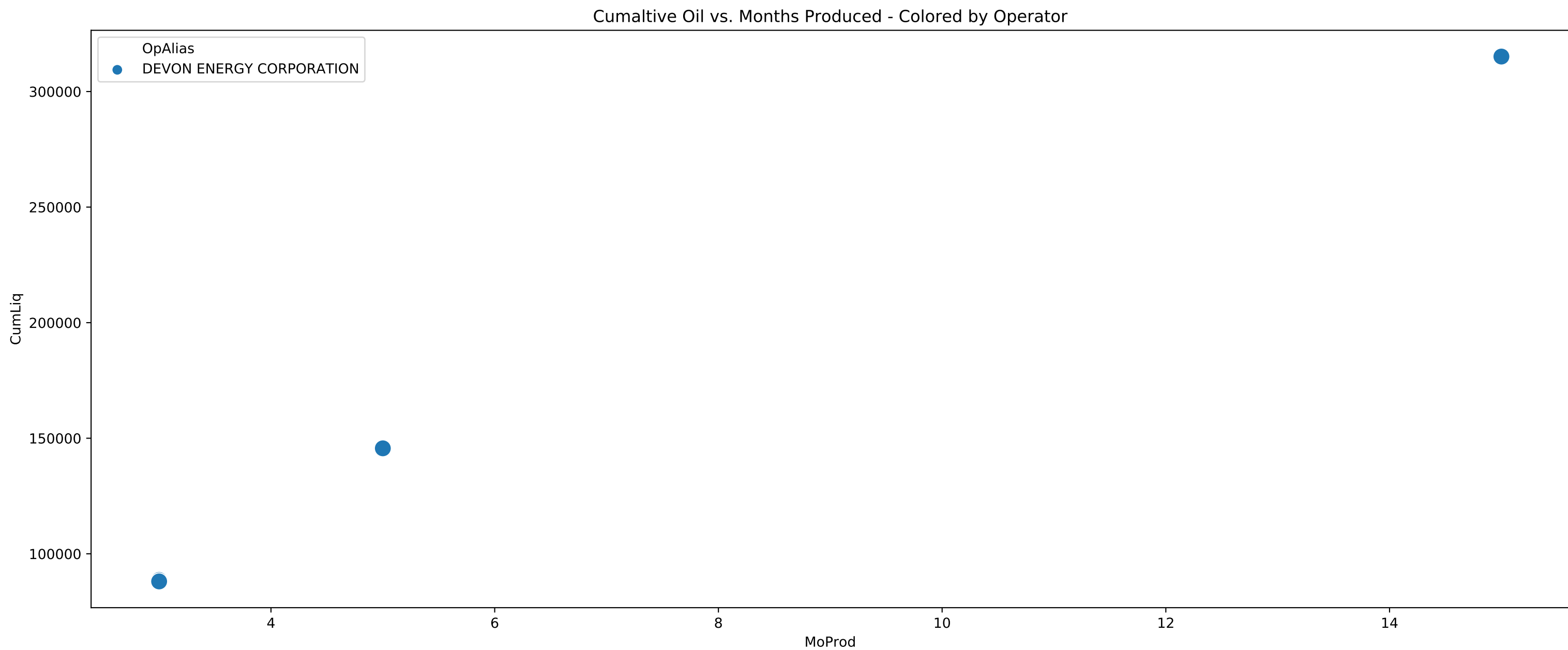
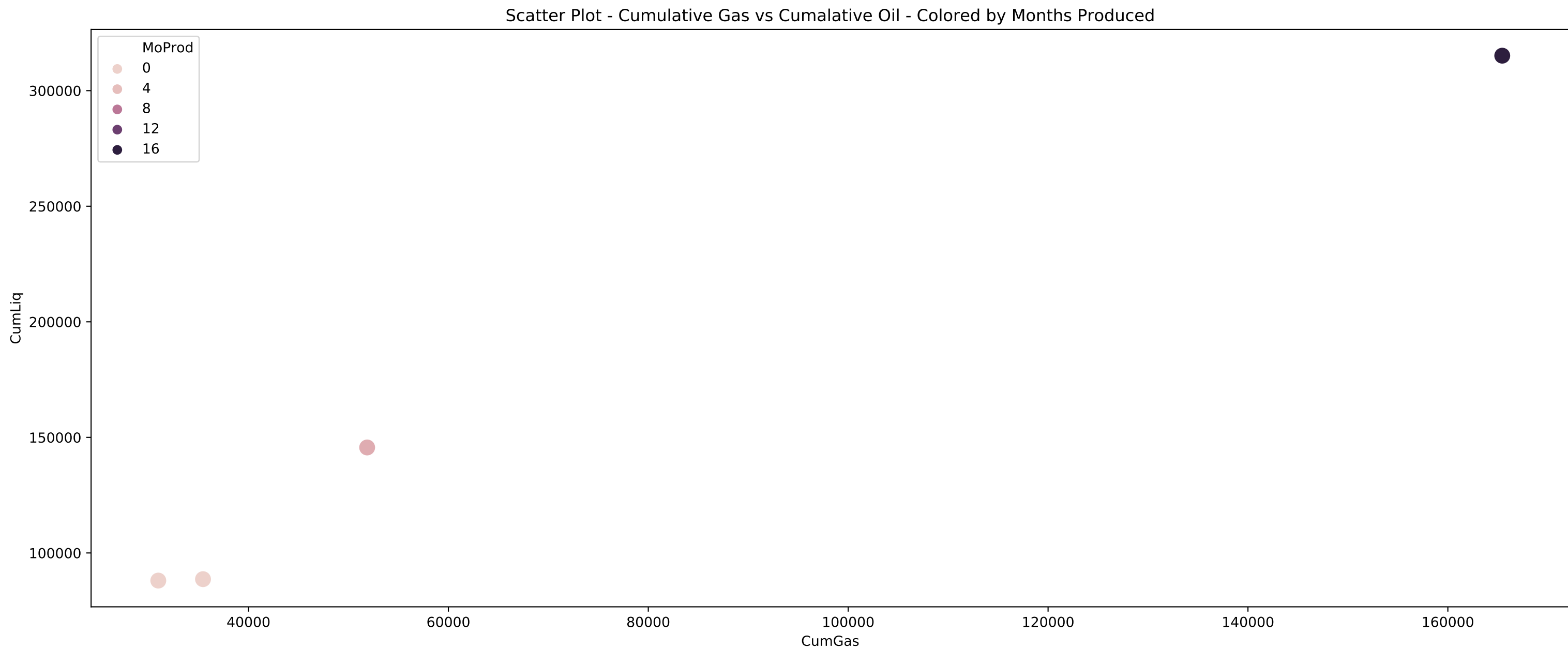
Permits by Well Type (H,D,V)



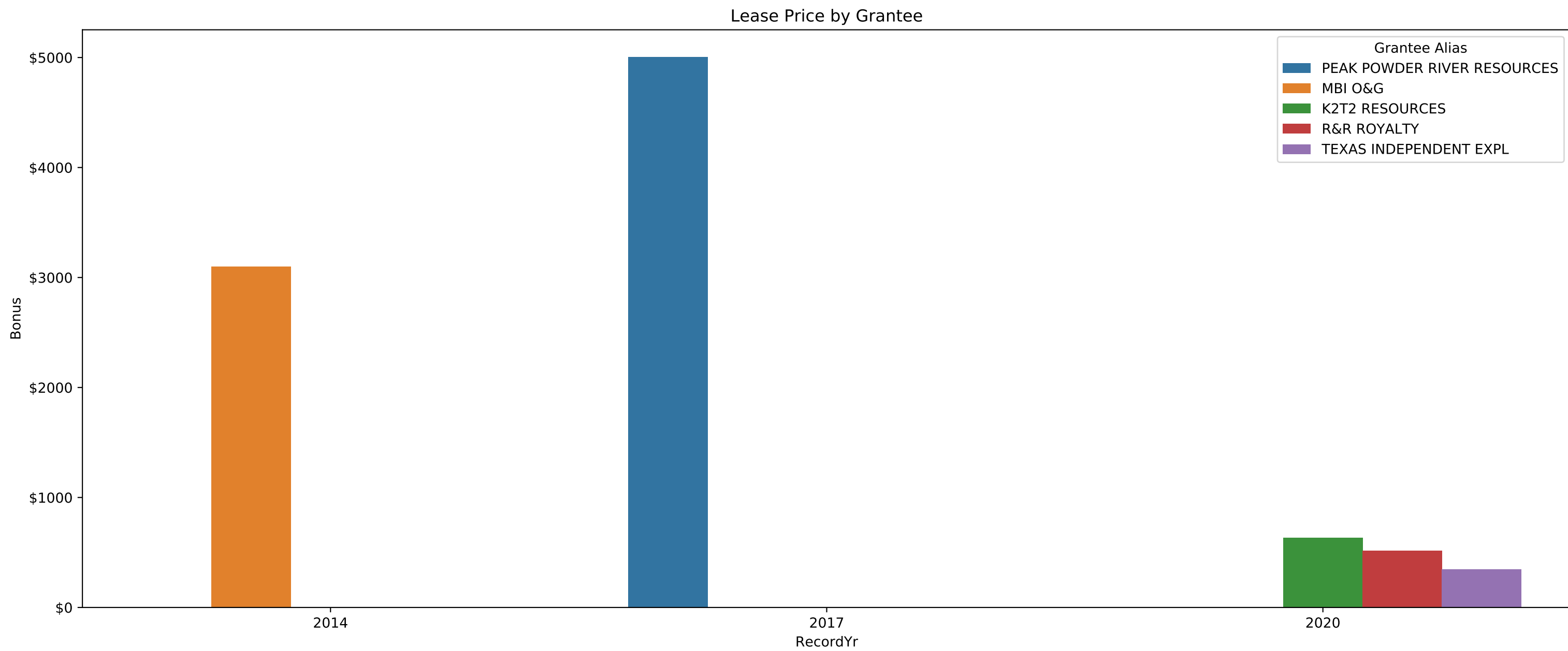
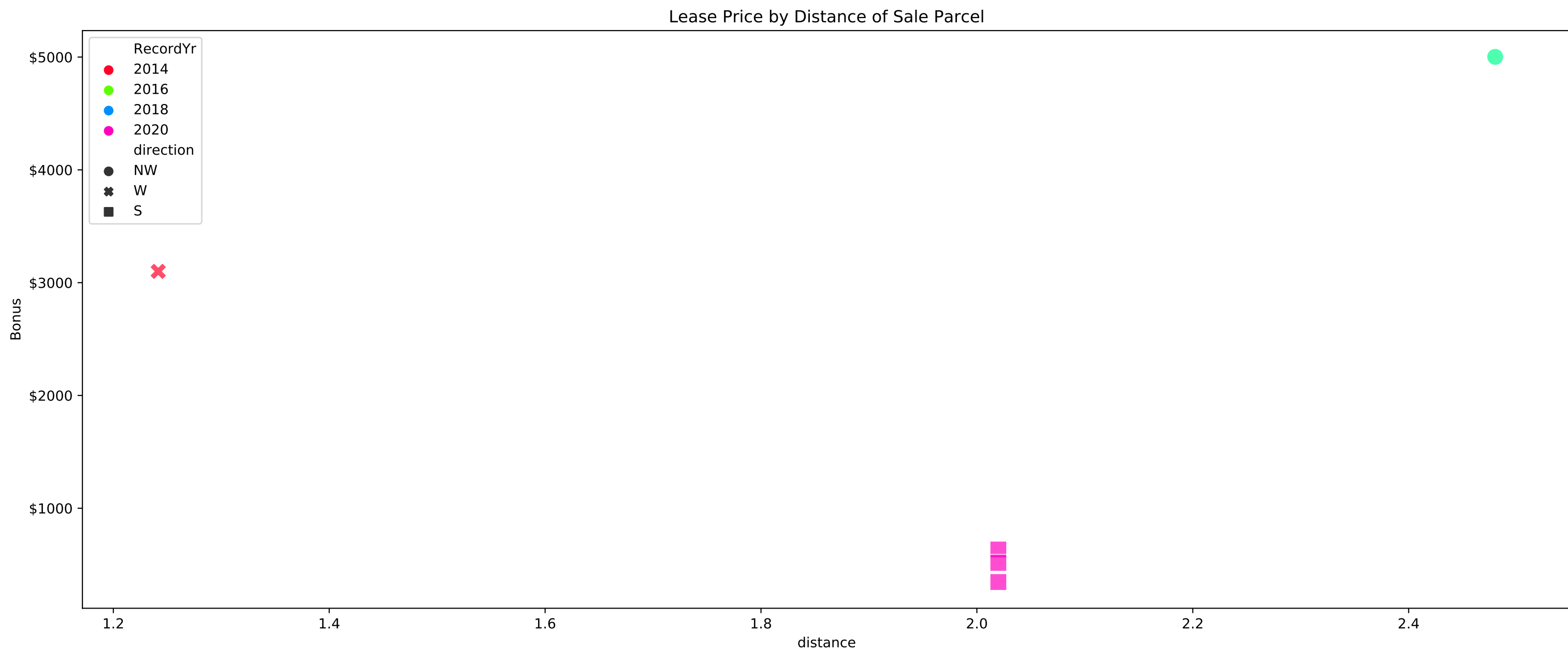
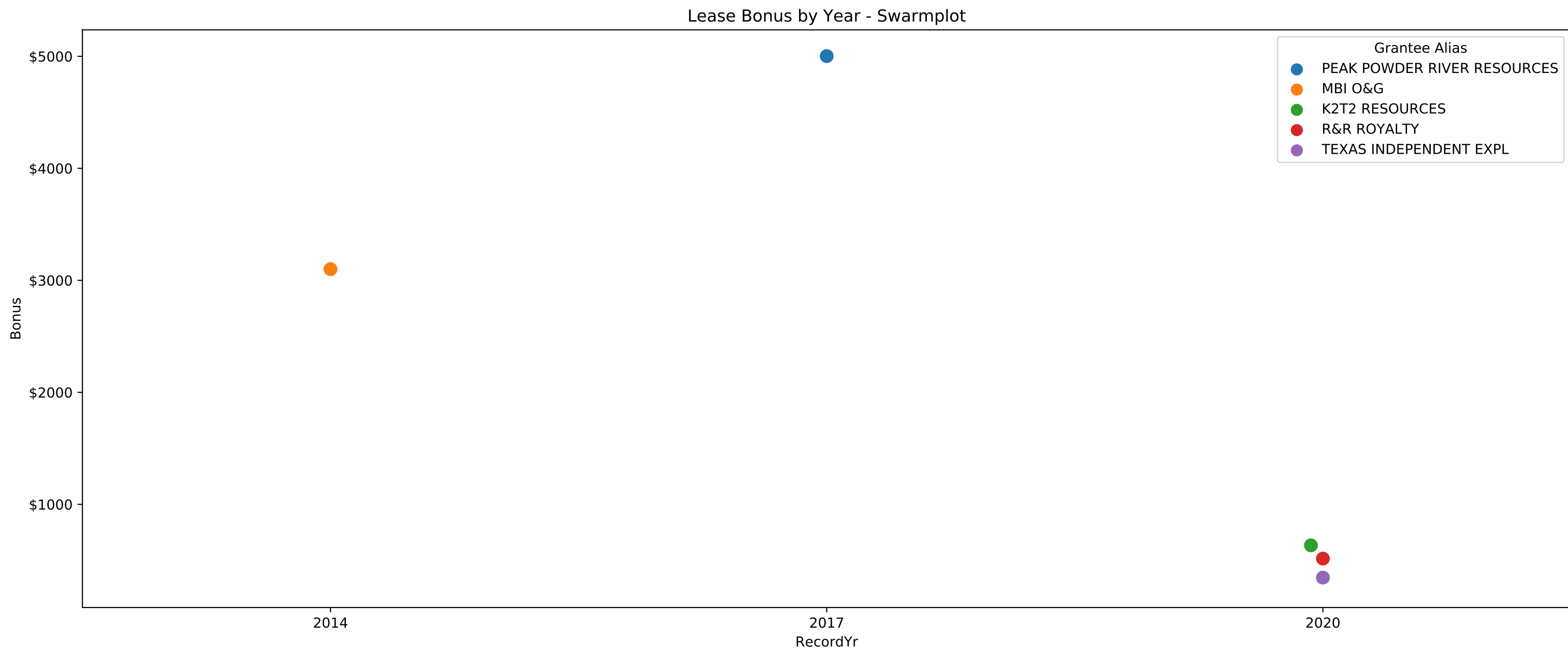
Permit Horizontal Lengths - Binned



Production Dashboard for tract 126



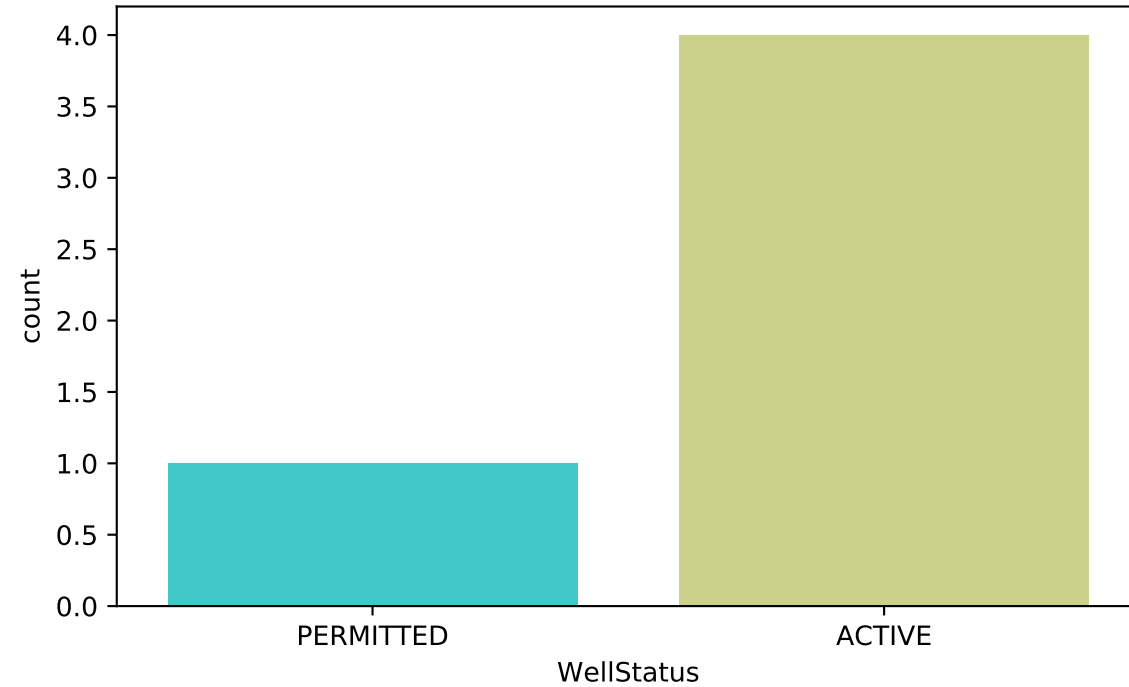
Lease Summary for tract 126
Total Number of Leases: 5
Average Price \$499/acre in 2020



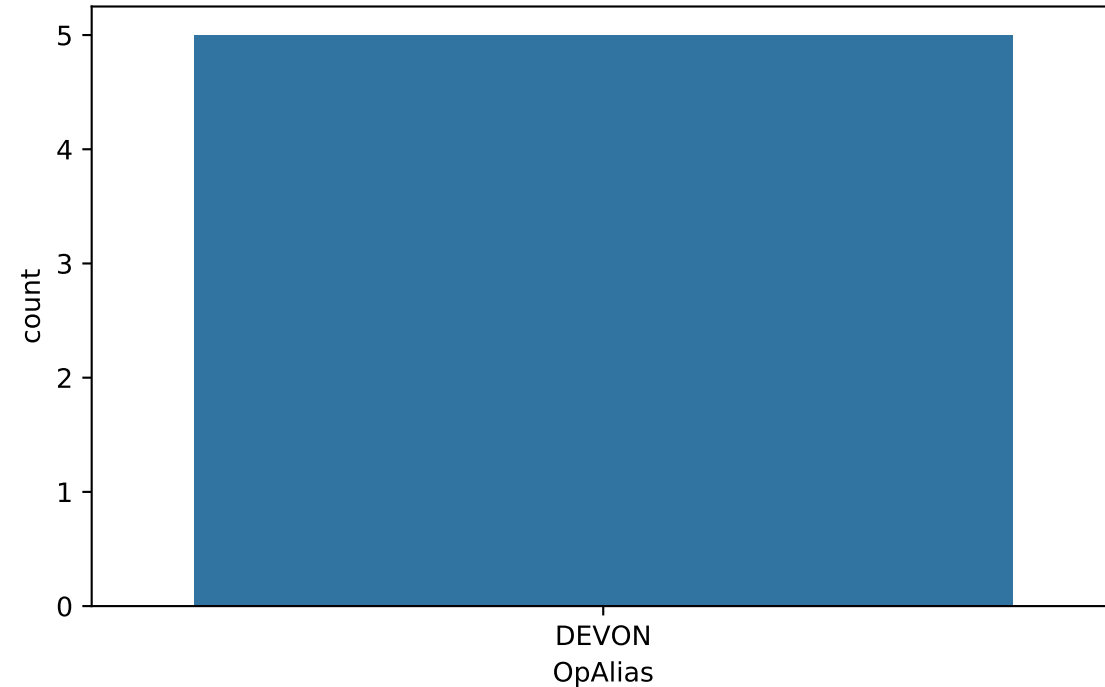
Permit Summary for Tract 13

Total permits: 5

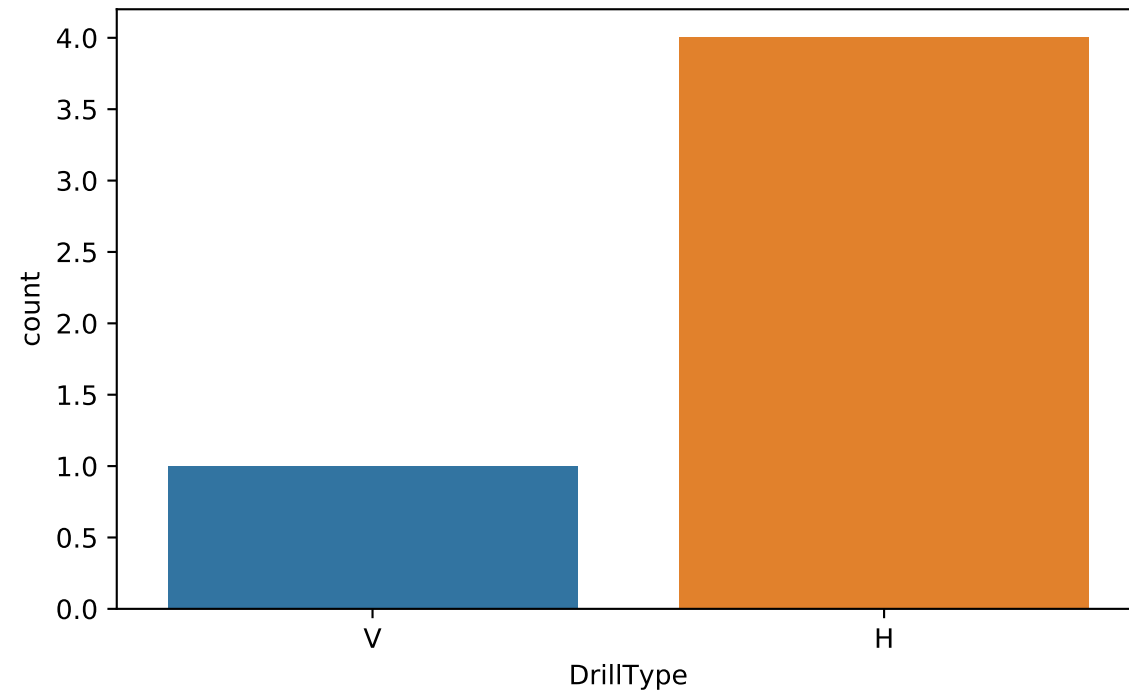
Permits by Well Status



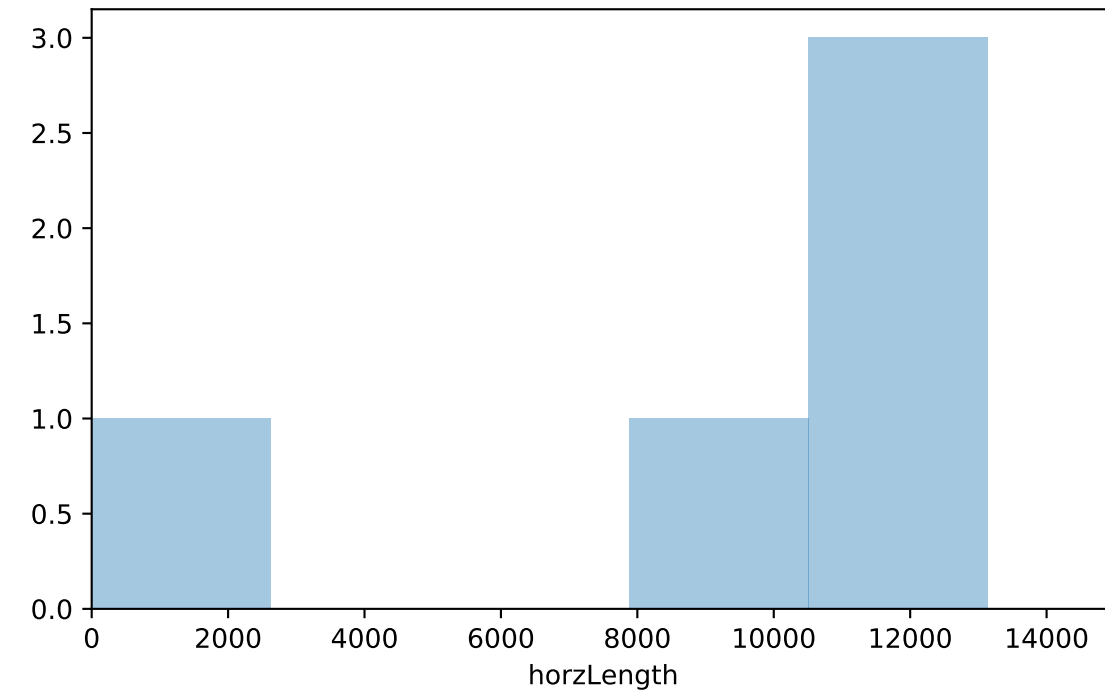
Permits by Operator



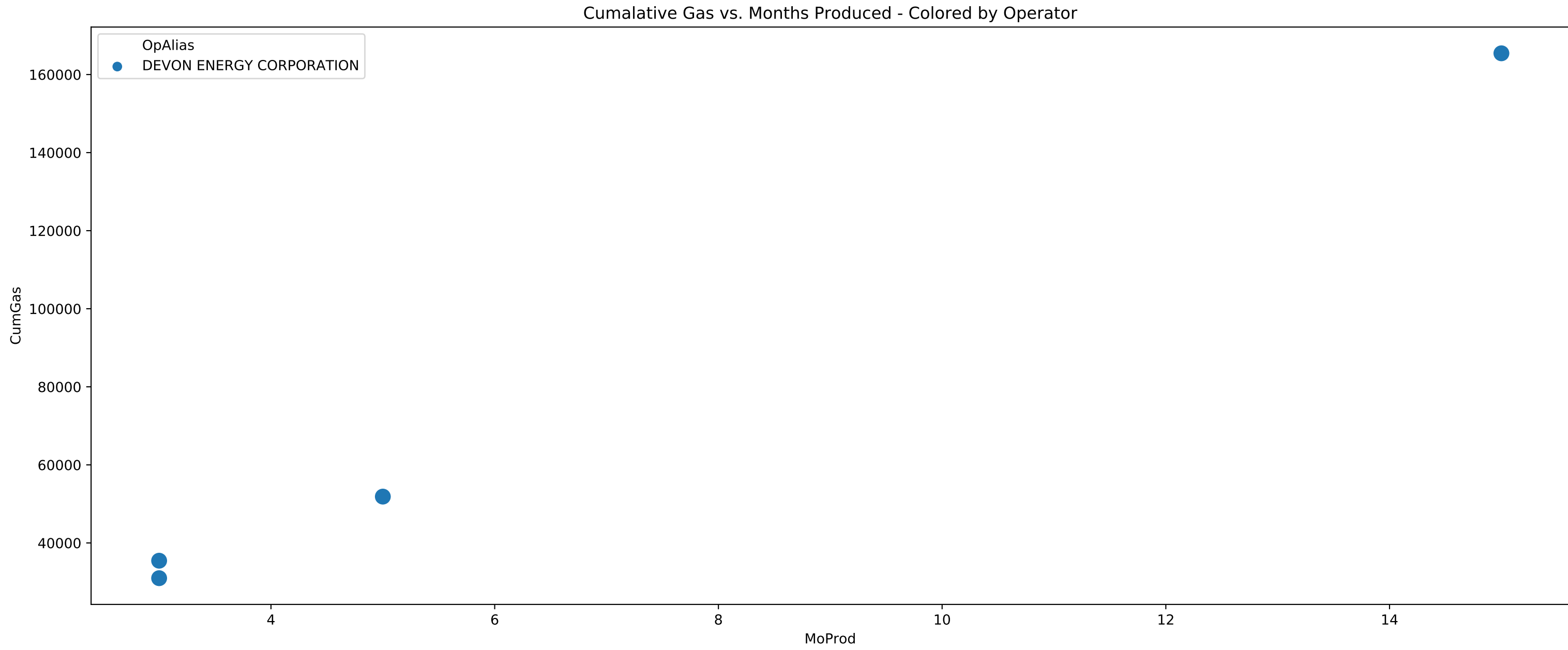
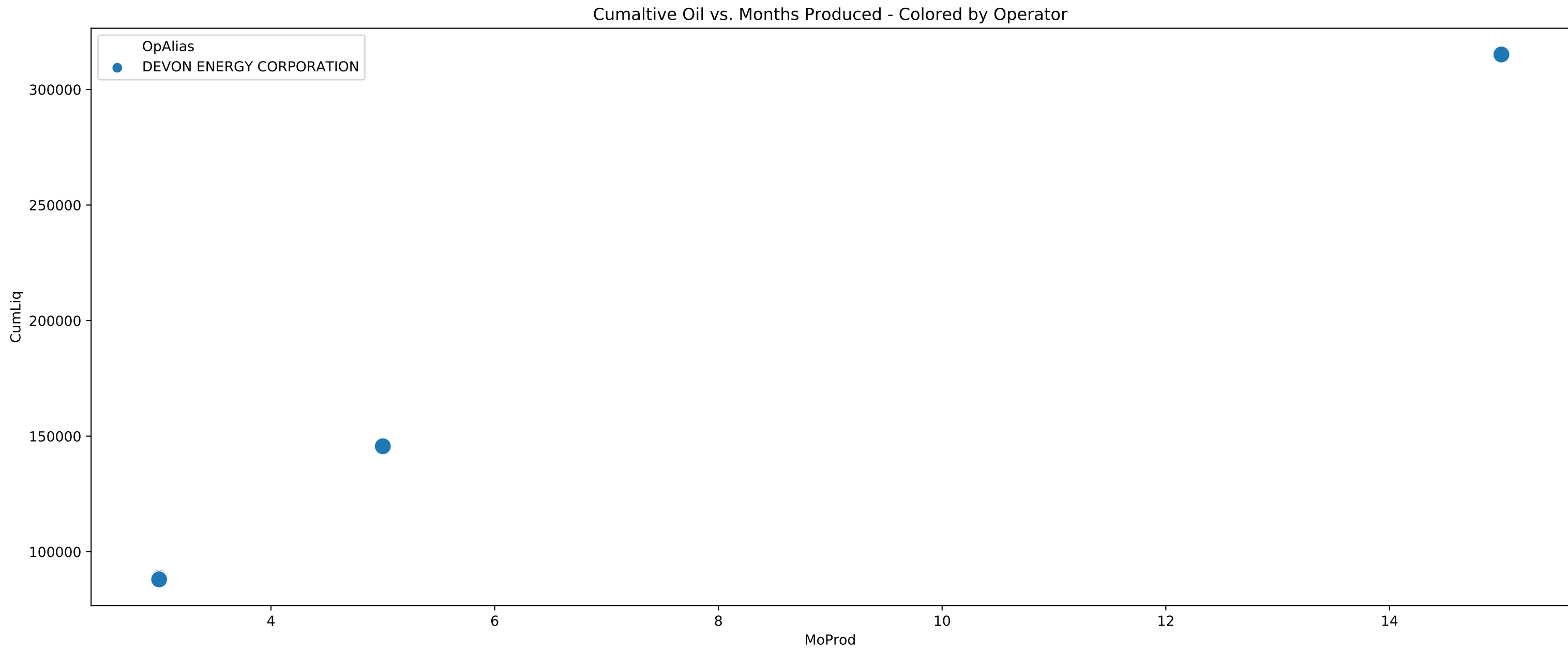
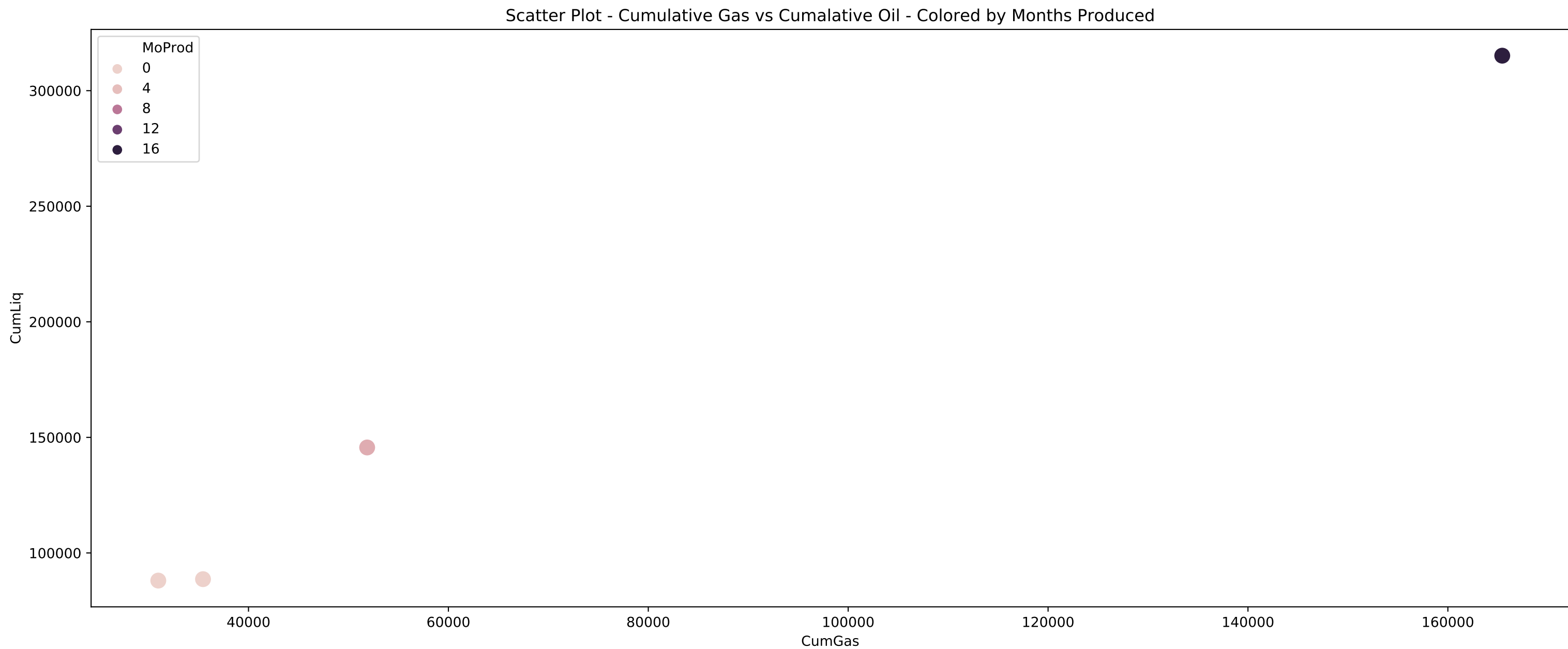
Permits by Well Type (H,D,V)



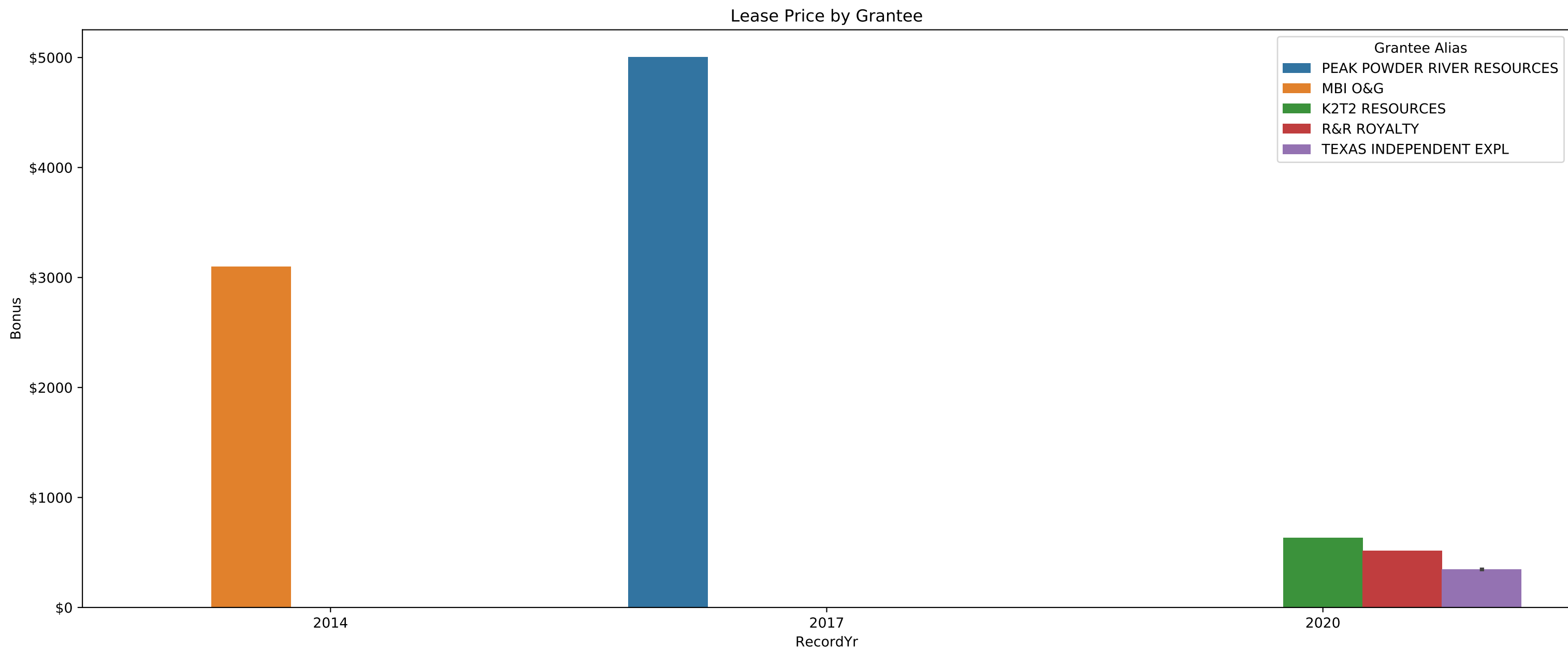
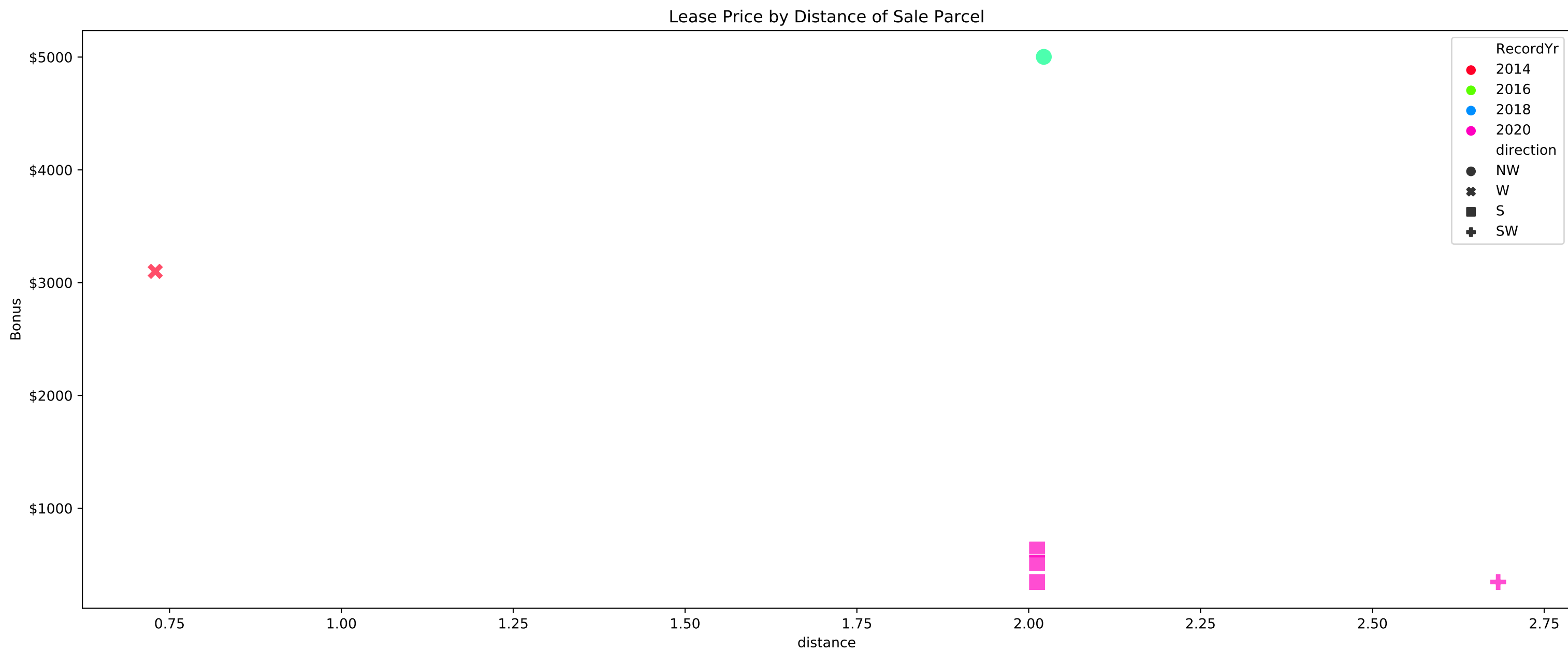
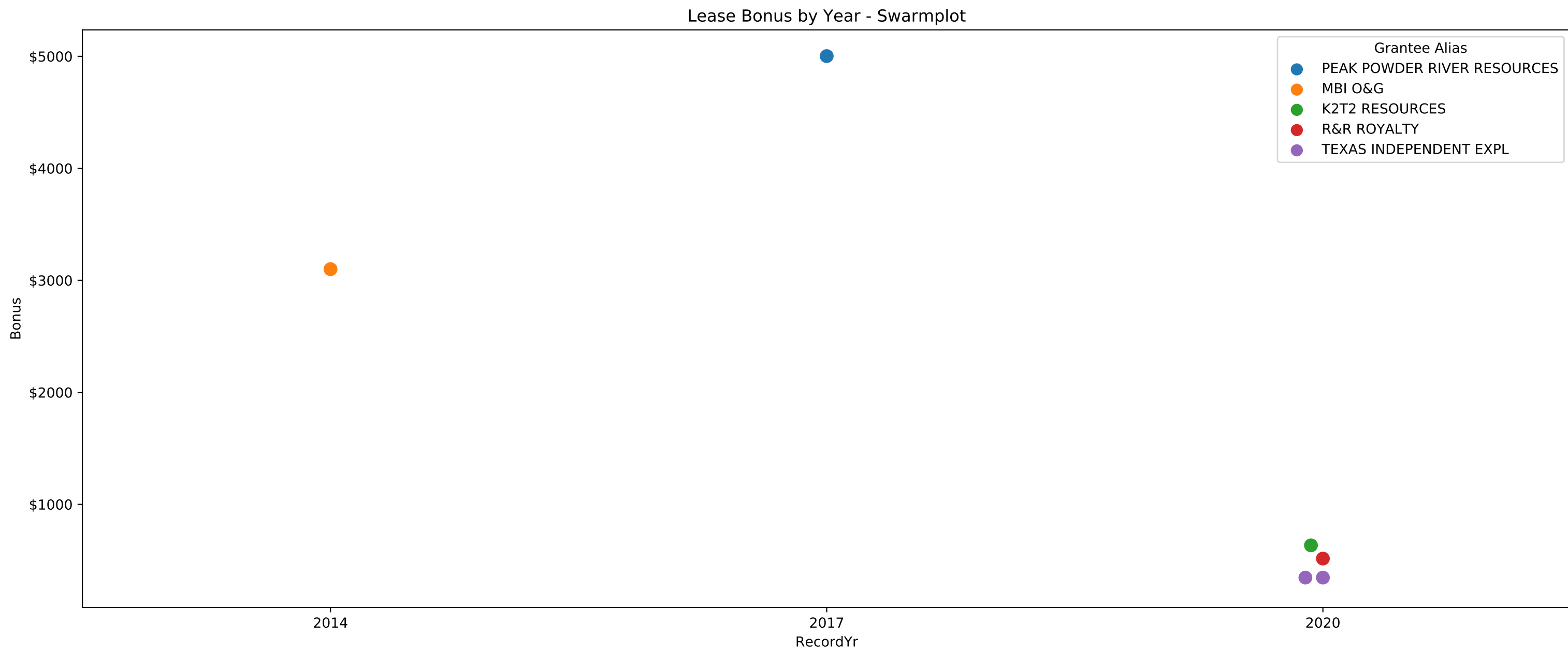
Permit Horizontal Lengths - Binned



Production Dashboard for tract 13



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



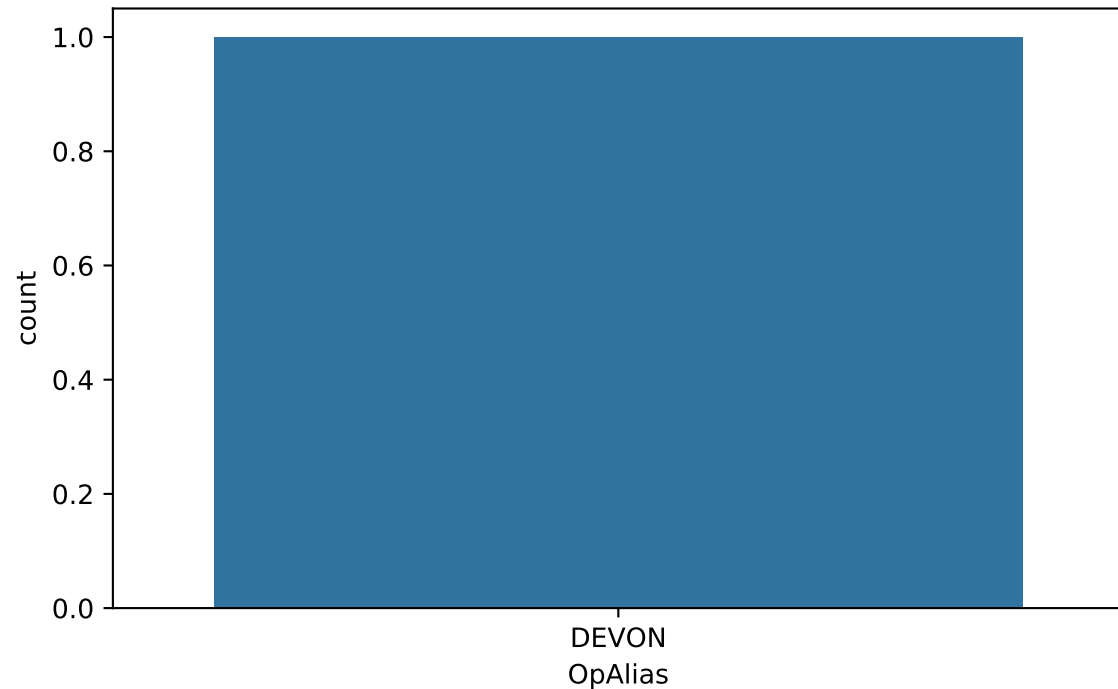
Permit Summary for Tract 125

Total permits: 1

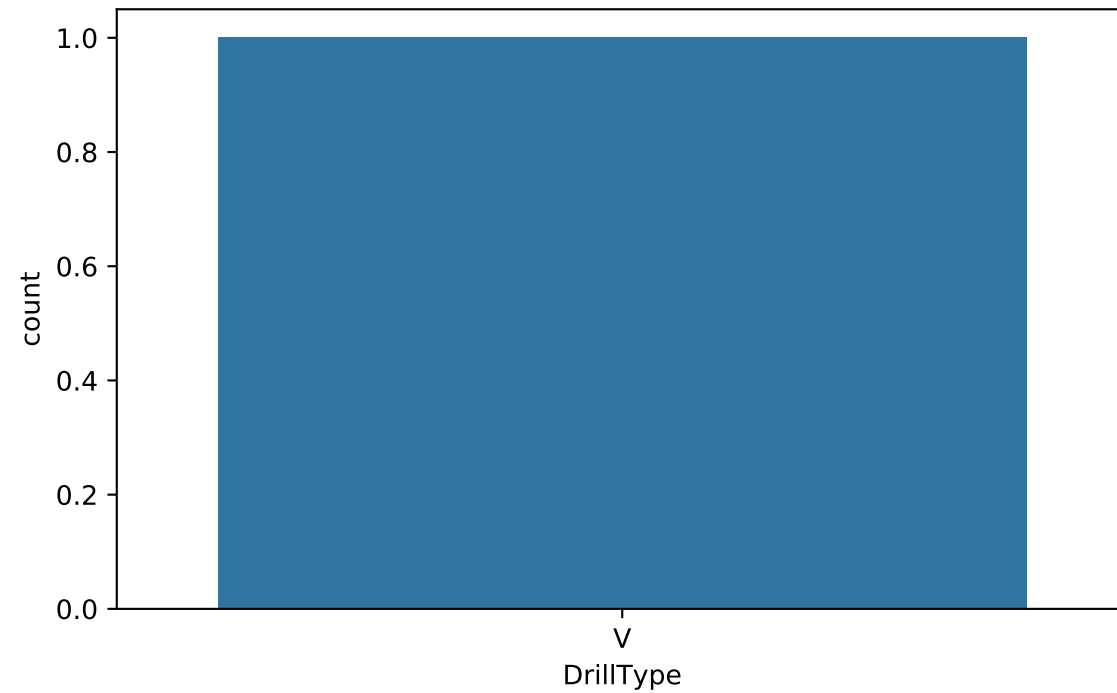
Permits by Well Status



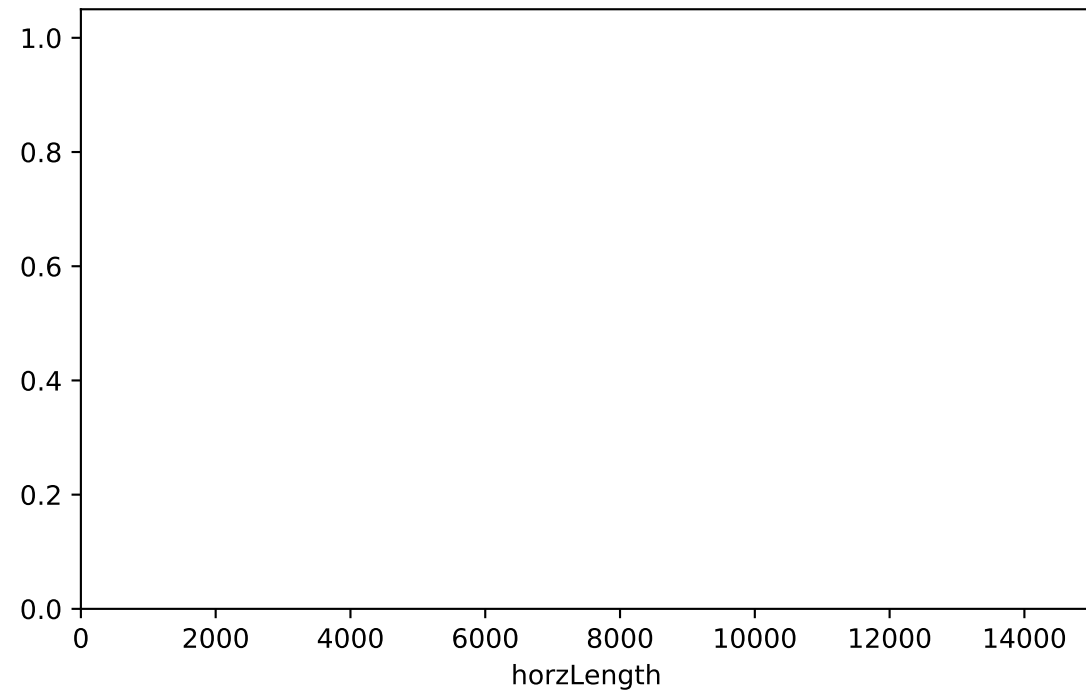
Permits by Operator



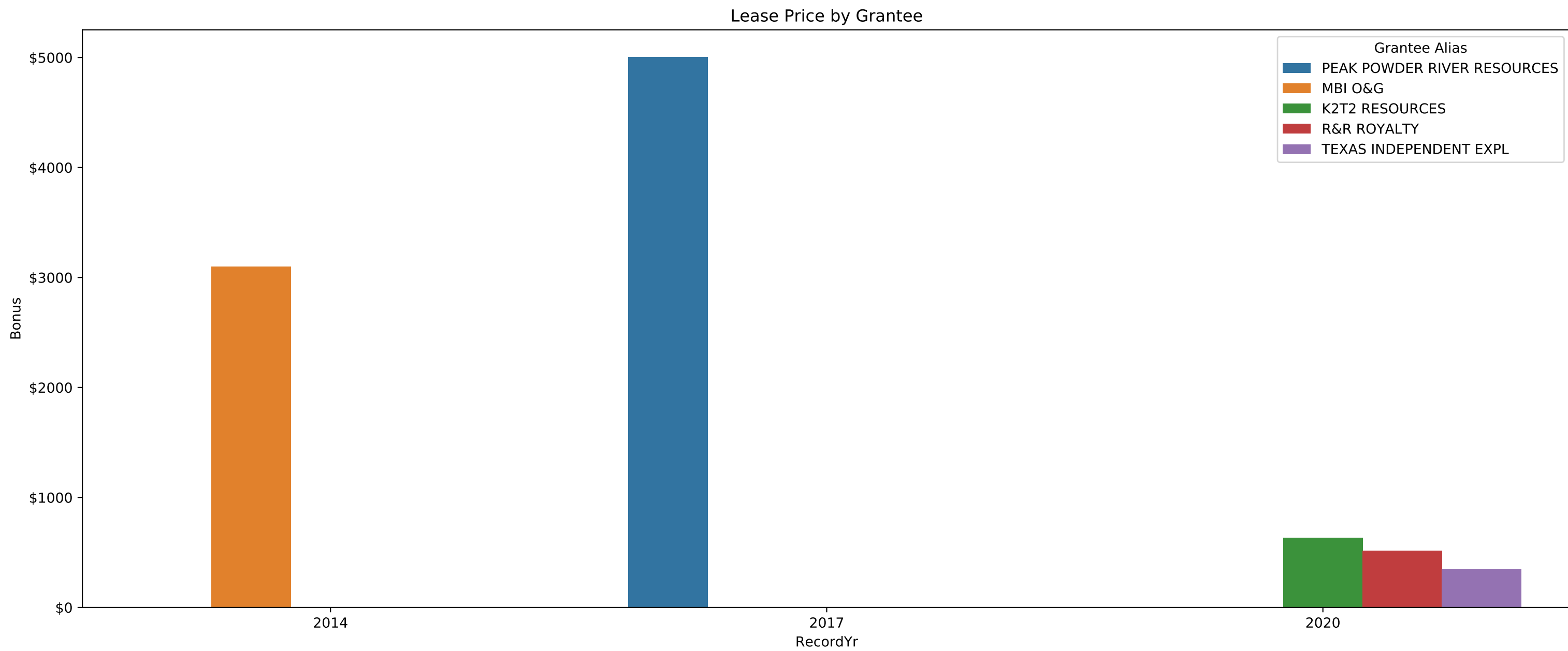
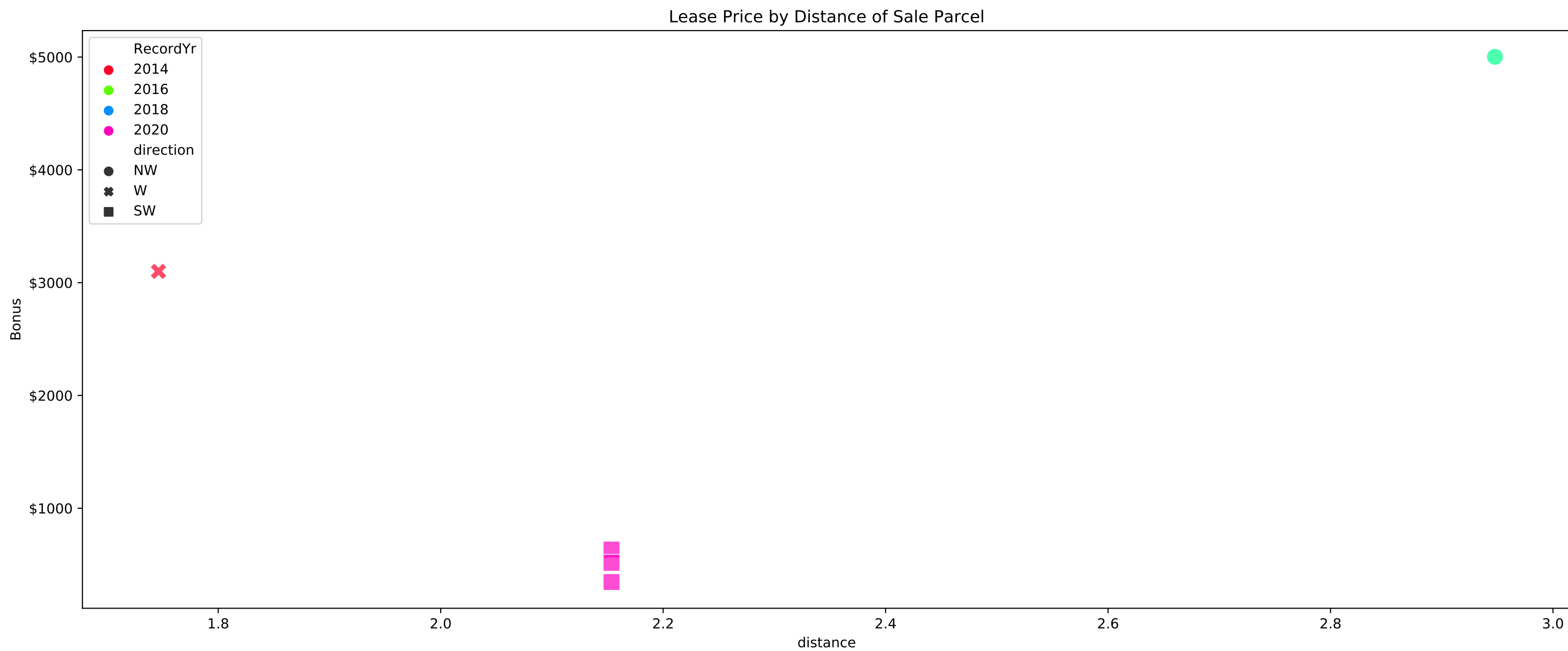
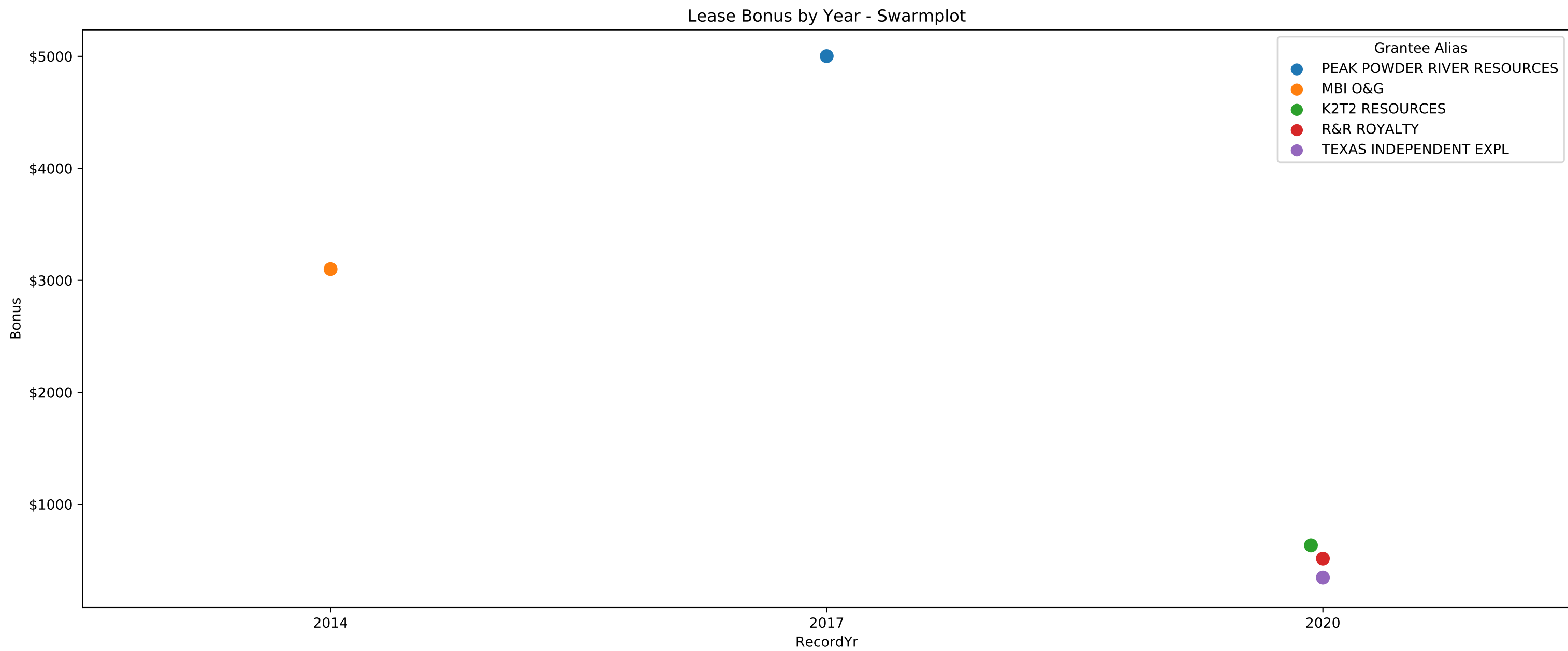
Permits by Well Type (H,D,V)



Permit Horizontal Lengths - Binned



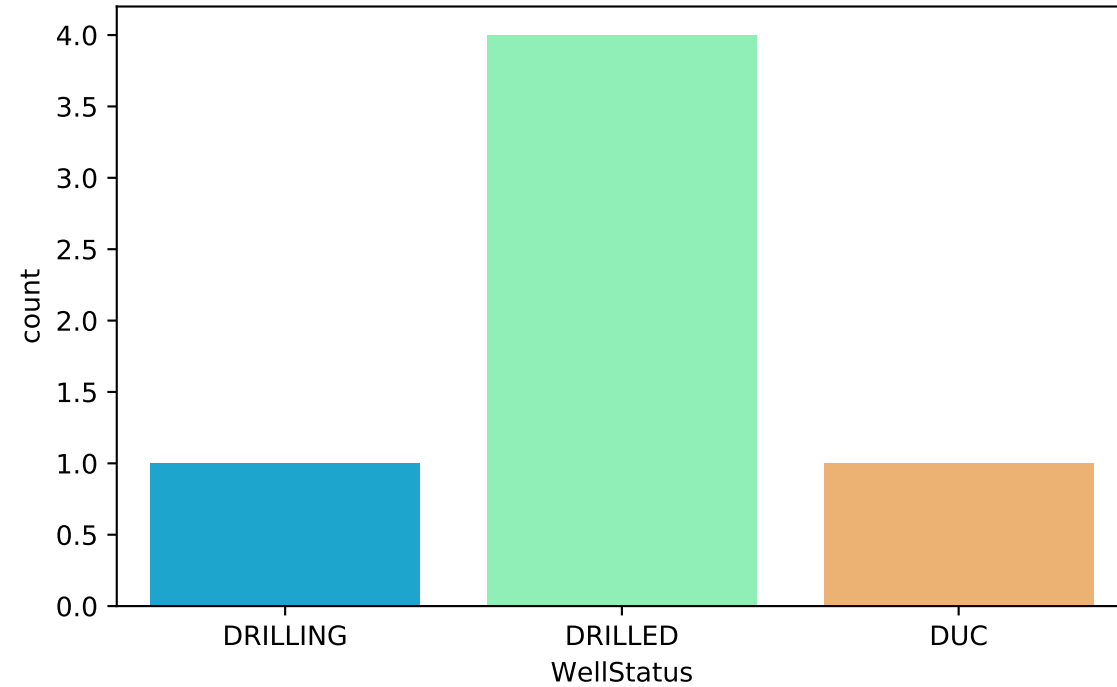
Lease Summary for tract 125
Total Number of Leases: 5
Average Price \$499/acre in 2020



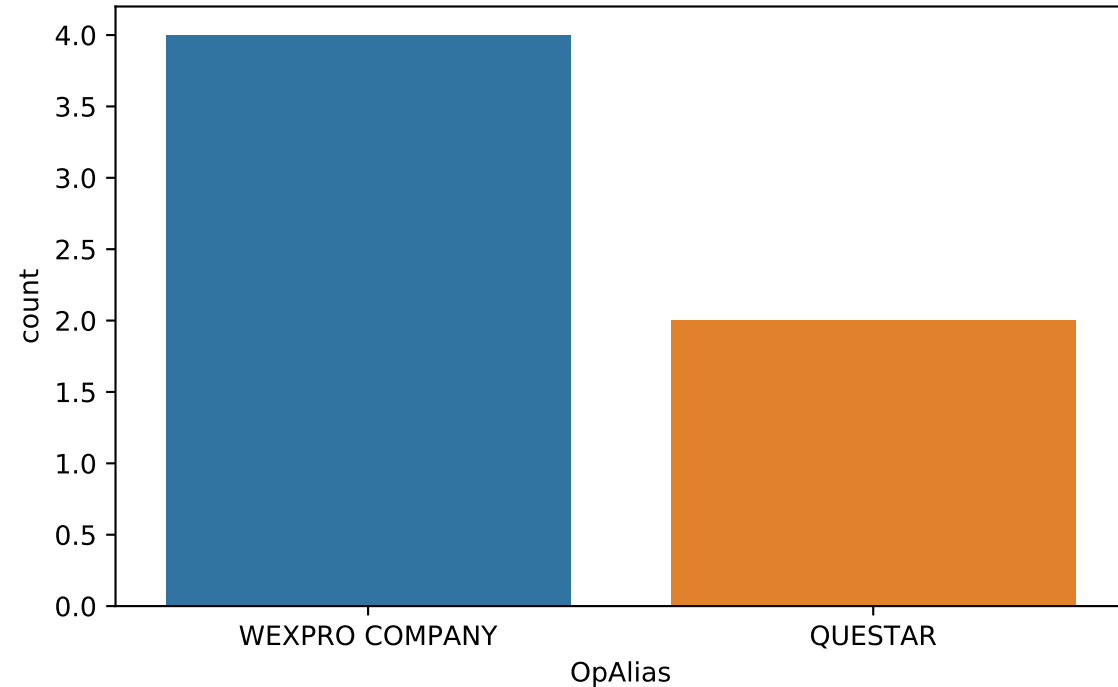
Permit Summary for Tract 74

Total permits: 6

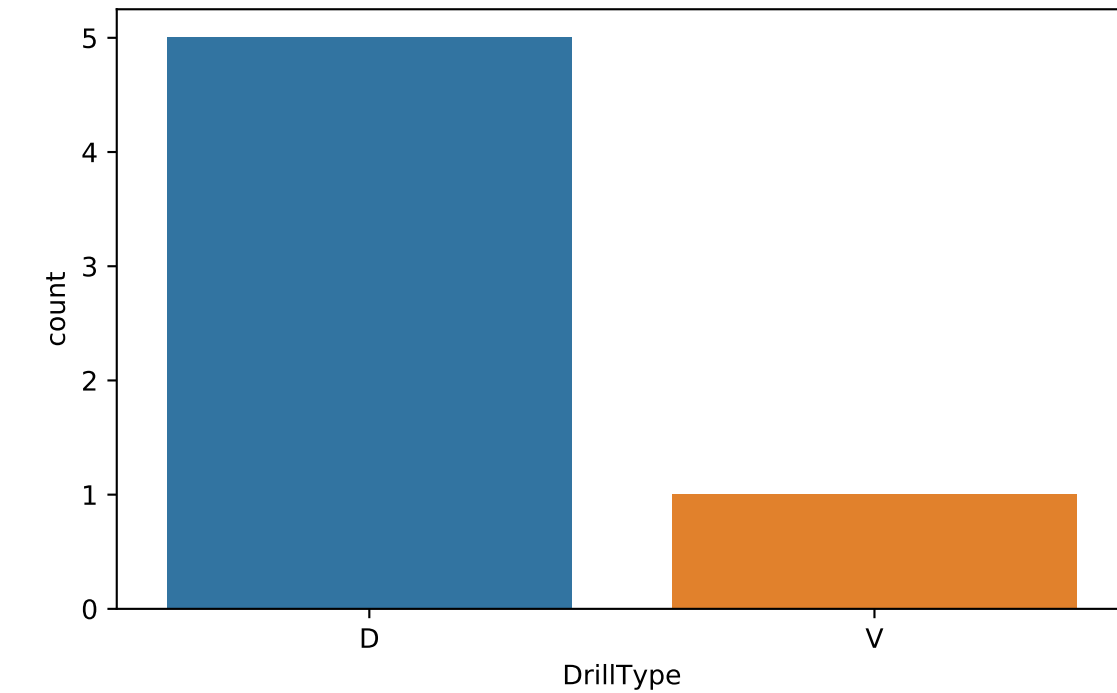
Permits by Well Status



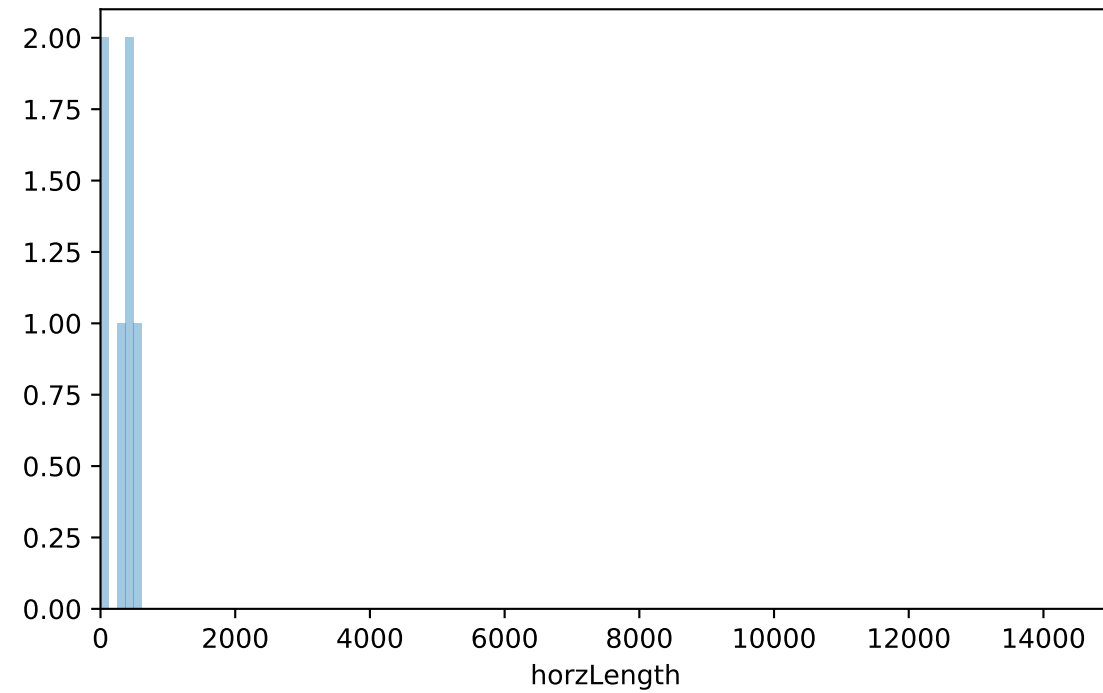
Permits by Operator



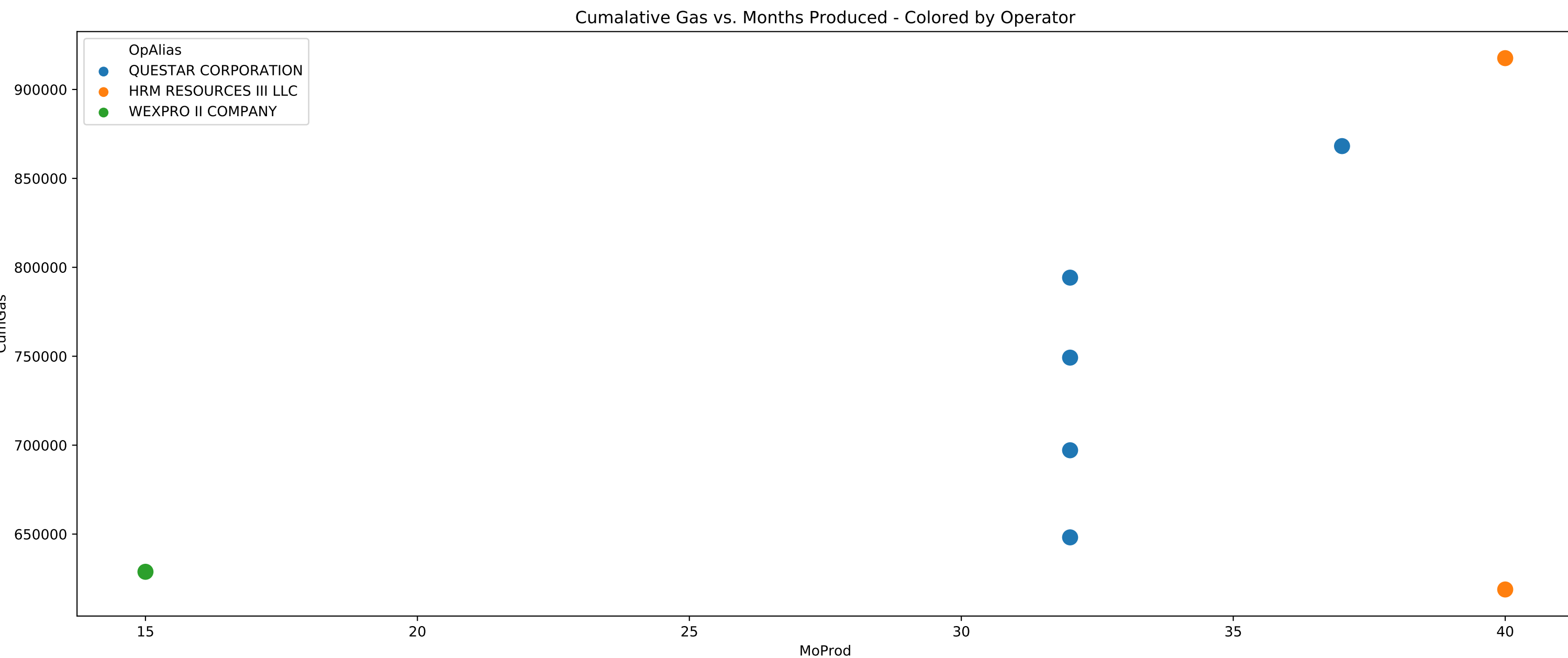
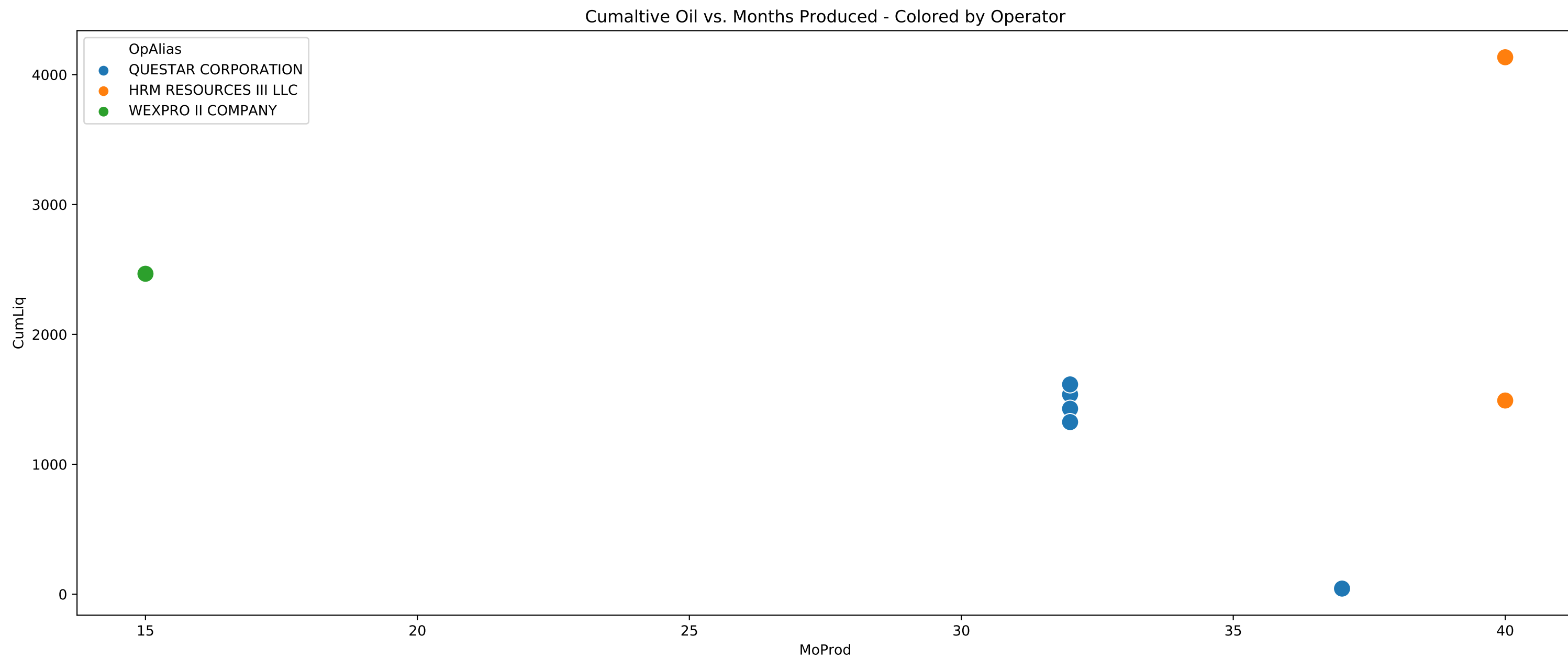
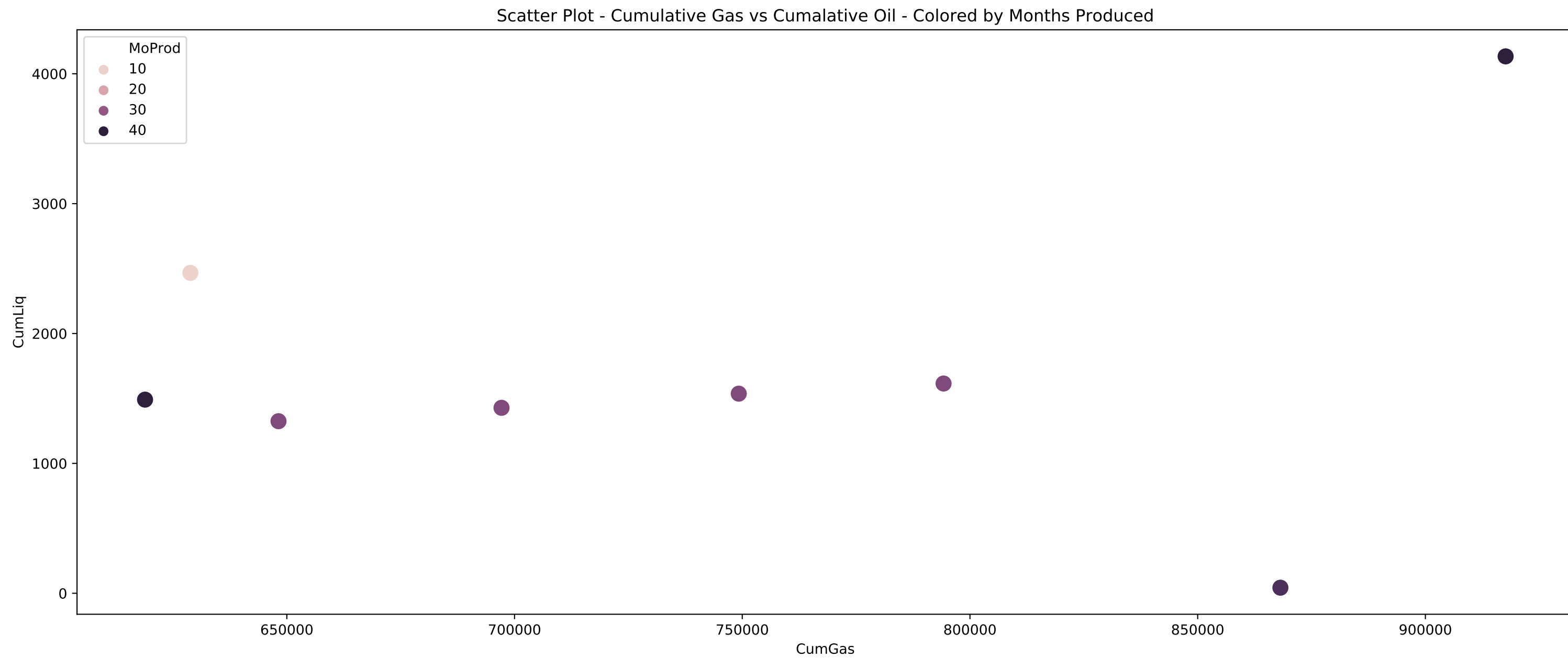
Permits by Well Type (H,D,V)



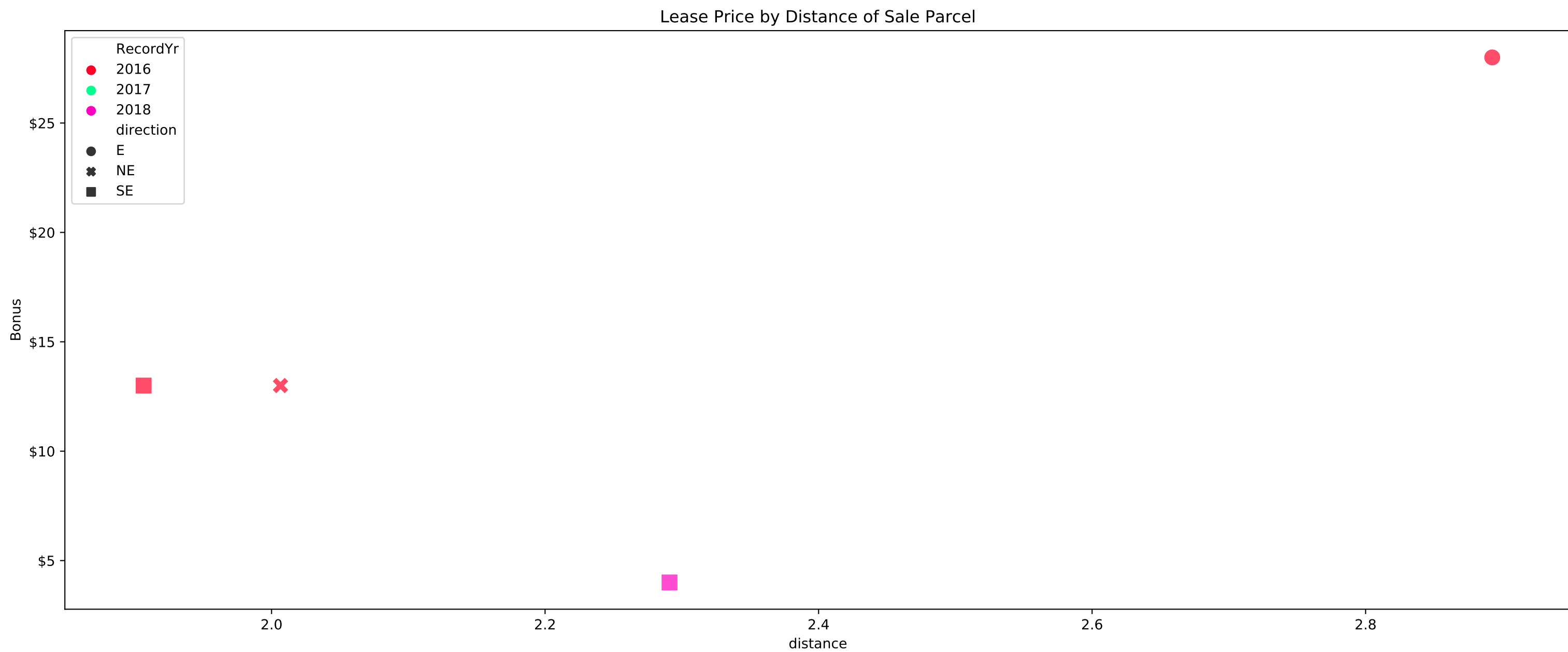
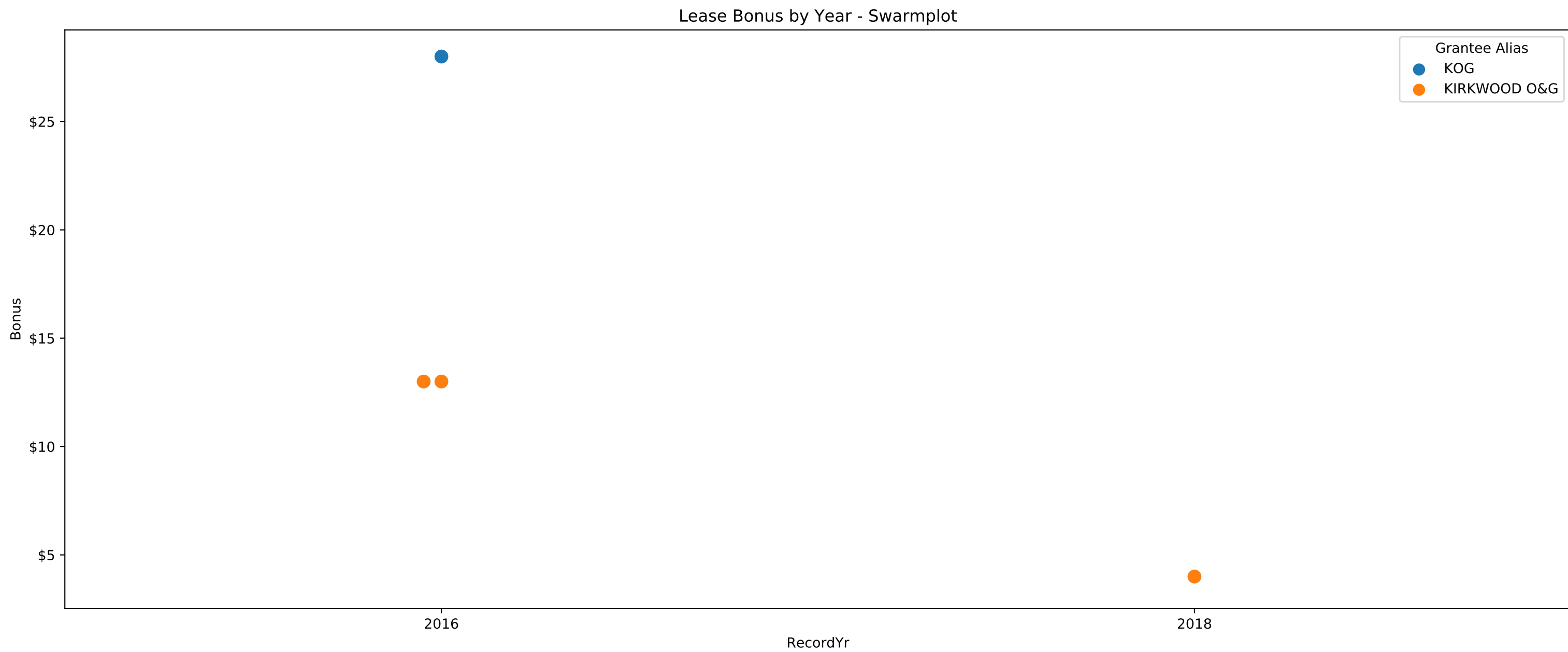
Permit Horizontal Lengths - Binned



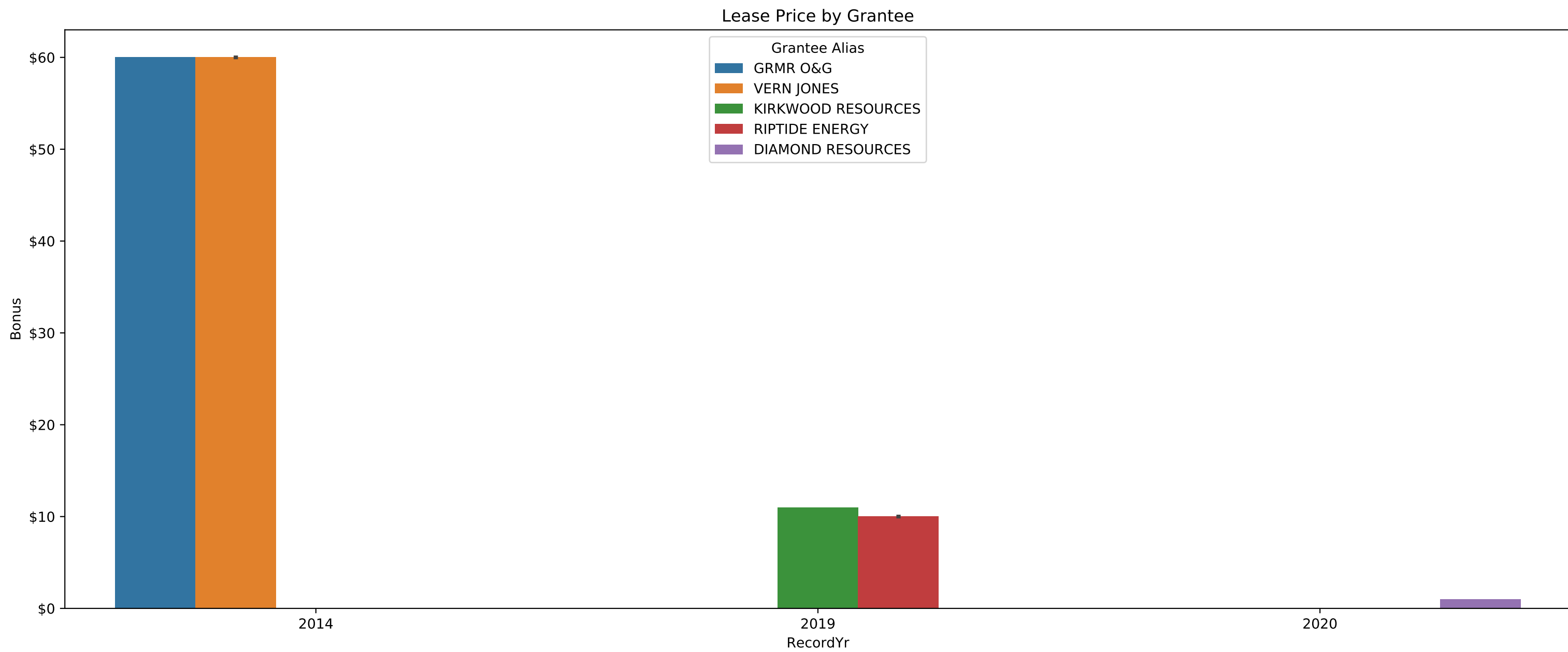
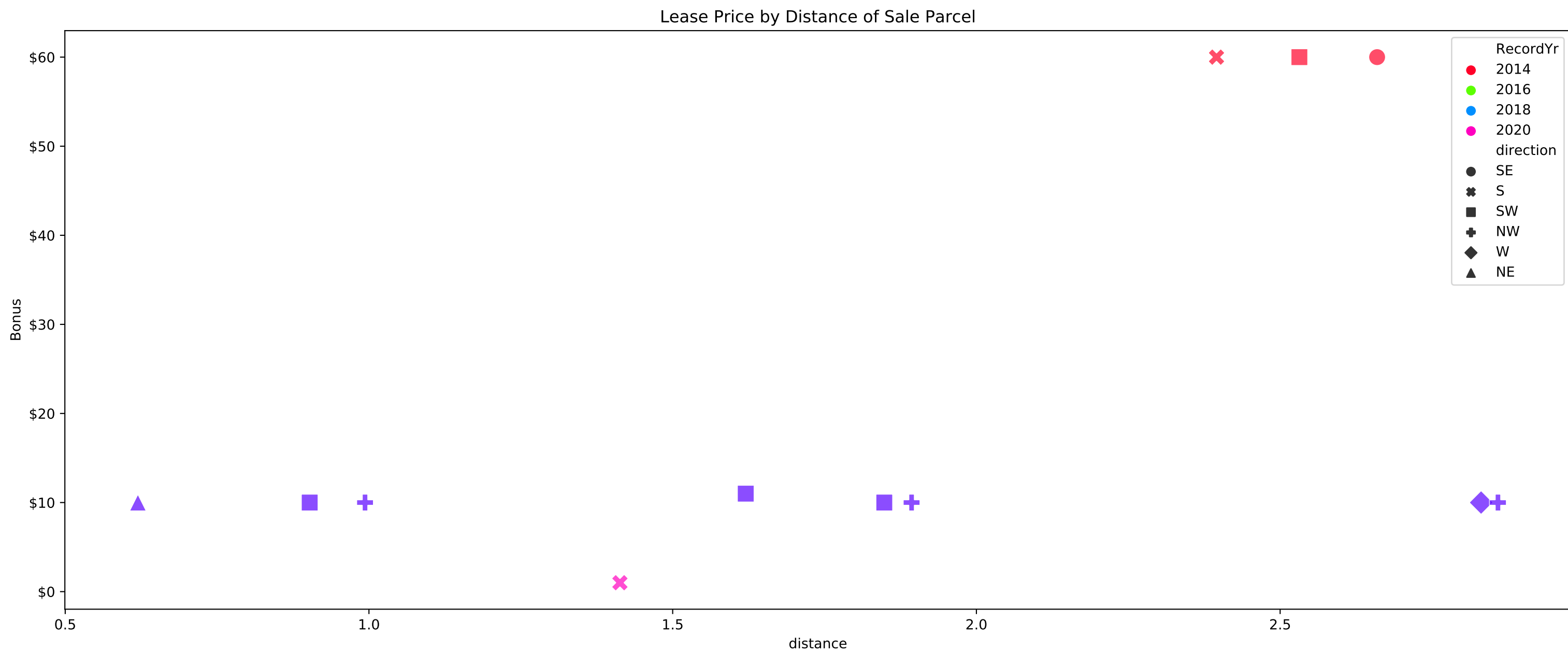
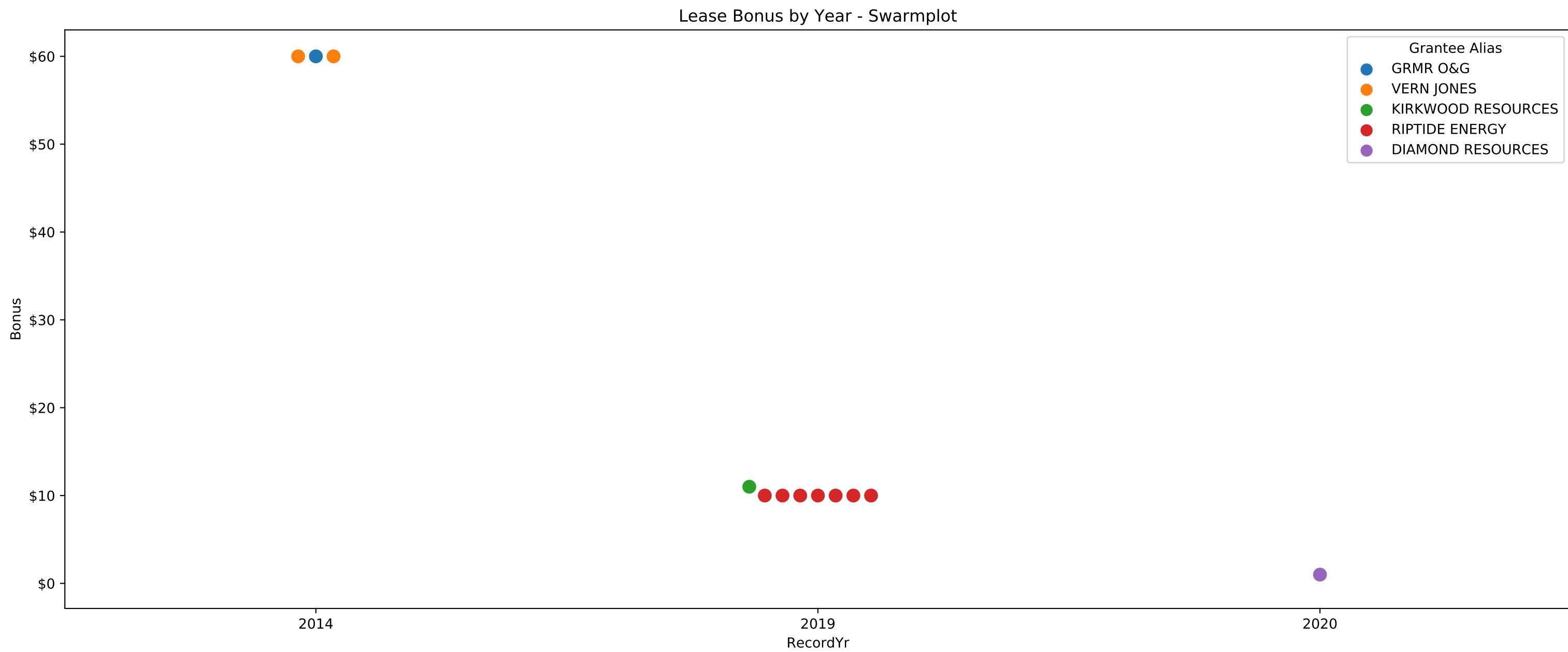
Production Dashboard for tract 74



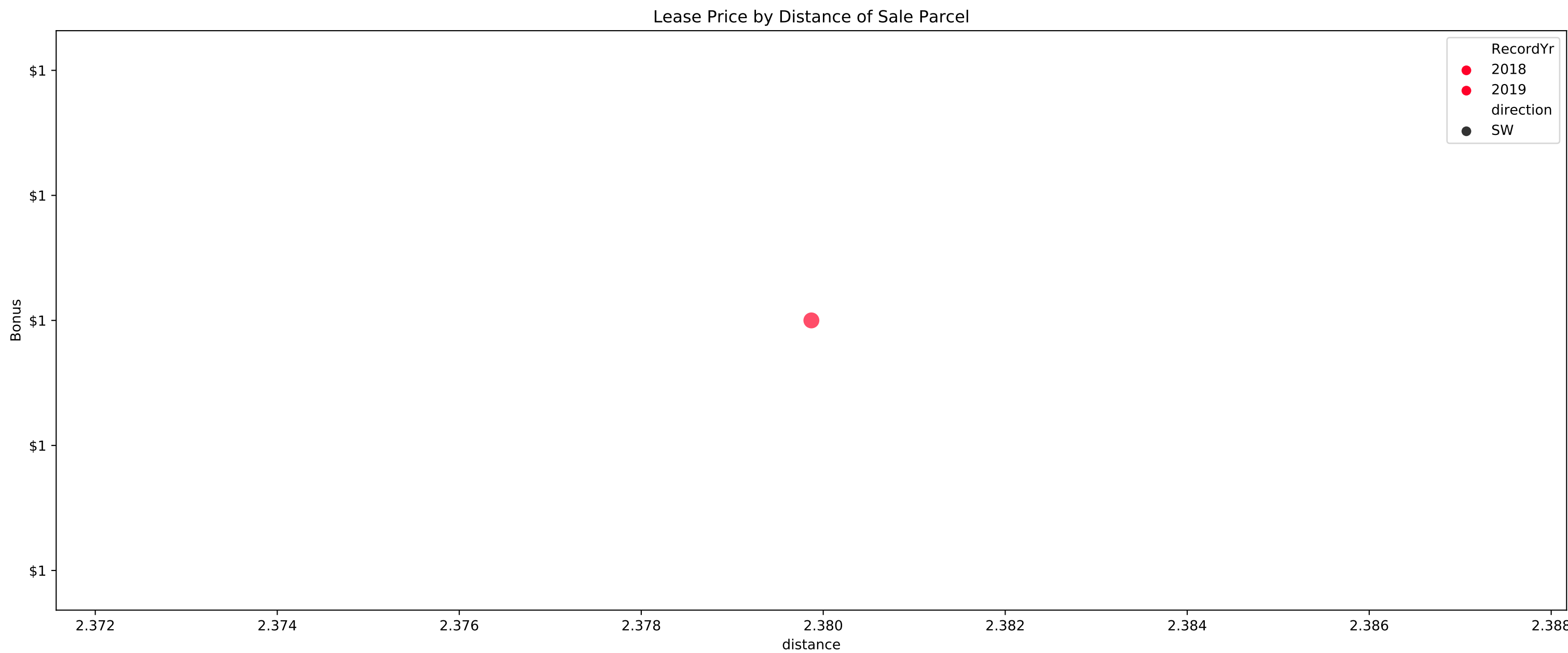
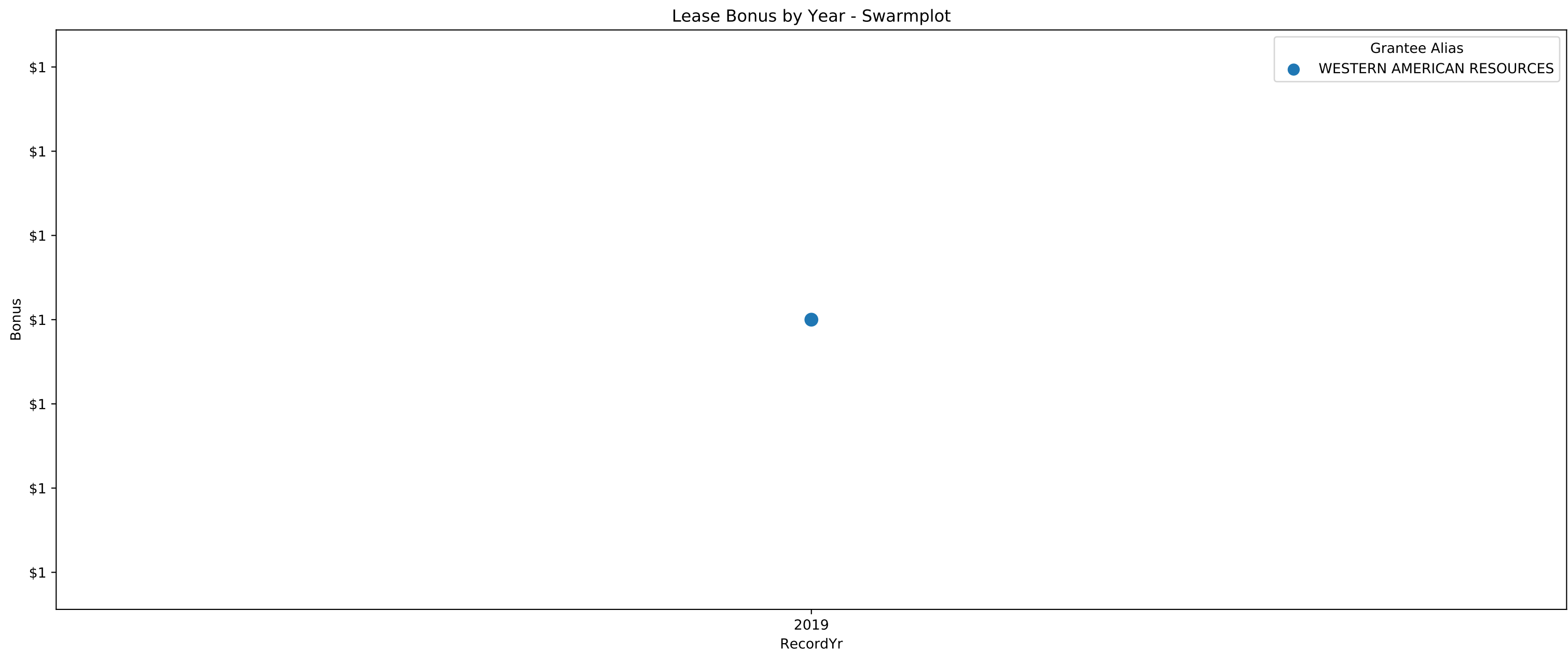
Lease Summary for tract 74
Total Number of Leases: 4
Average Price \$4/acre in 2018



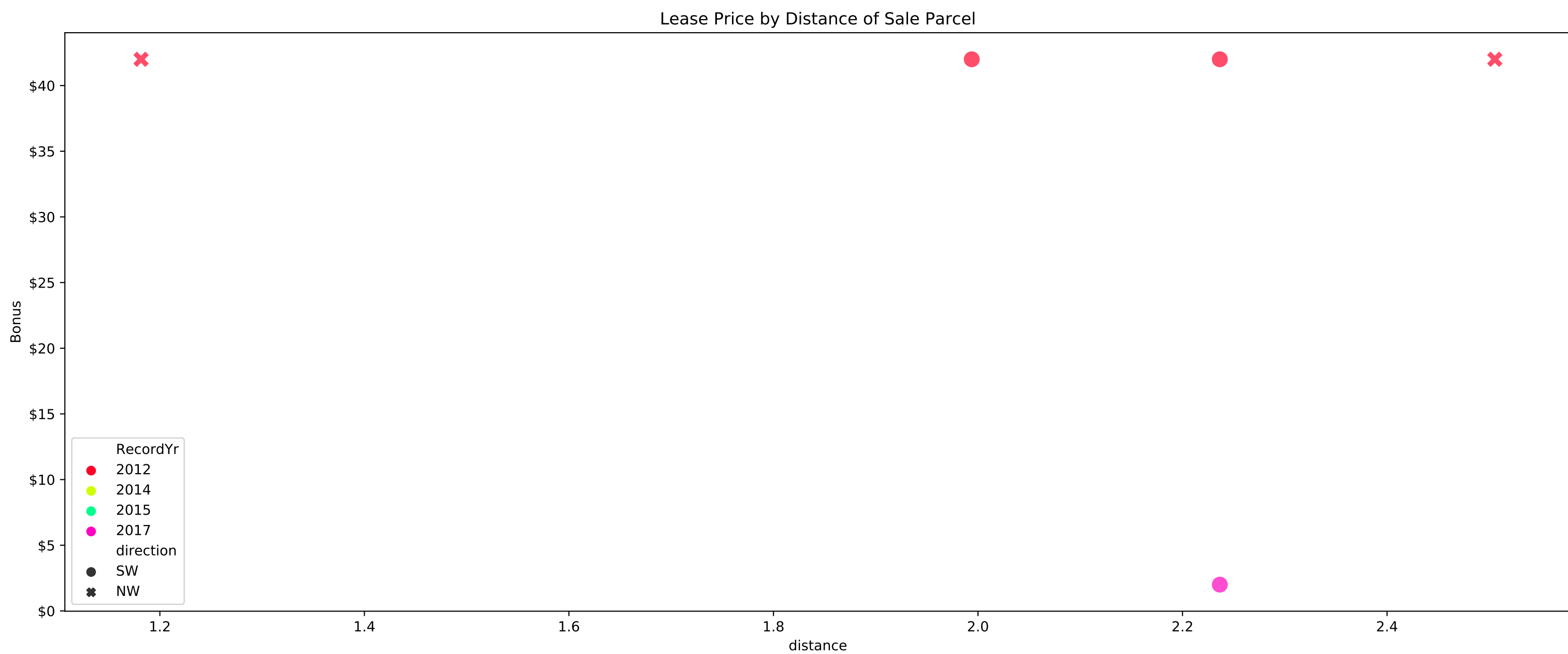
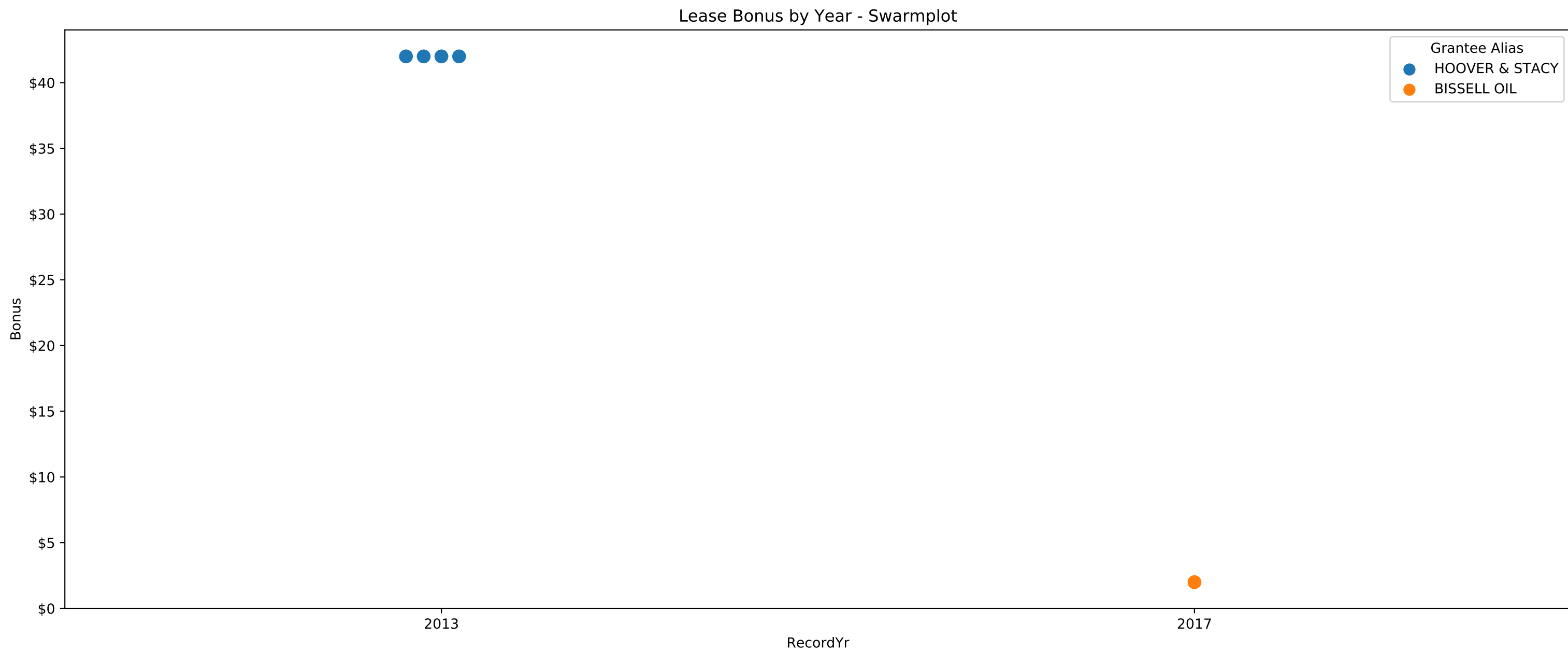
Lease Summary for tract 94
Total Number of Leases: 12
Average Price \$1/acre in 2020



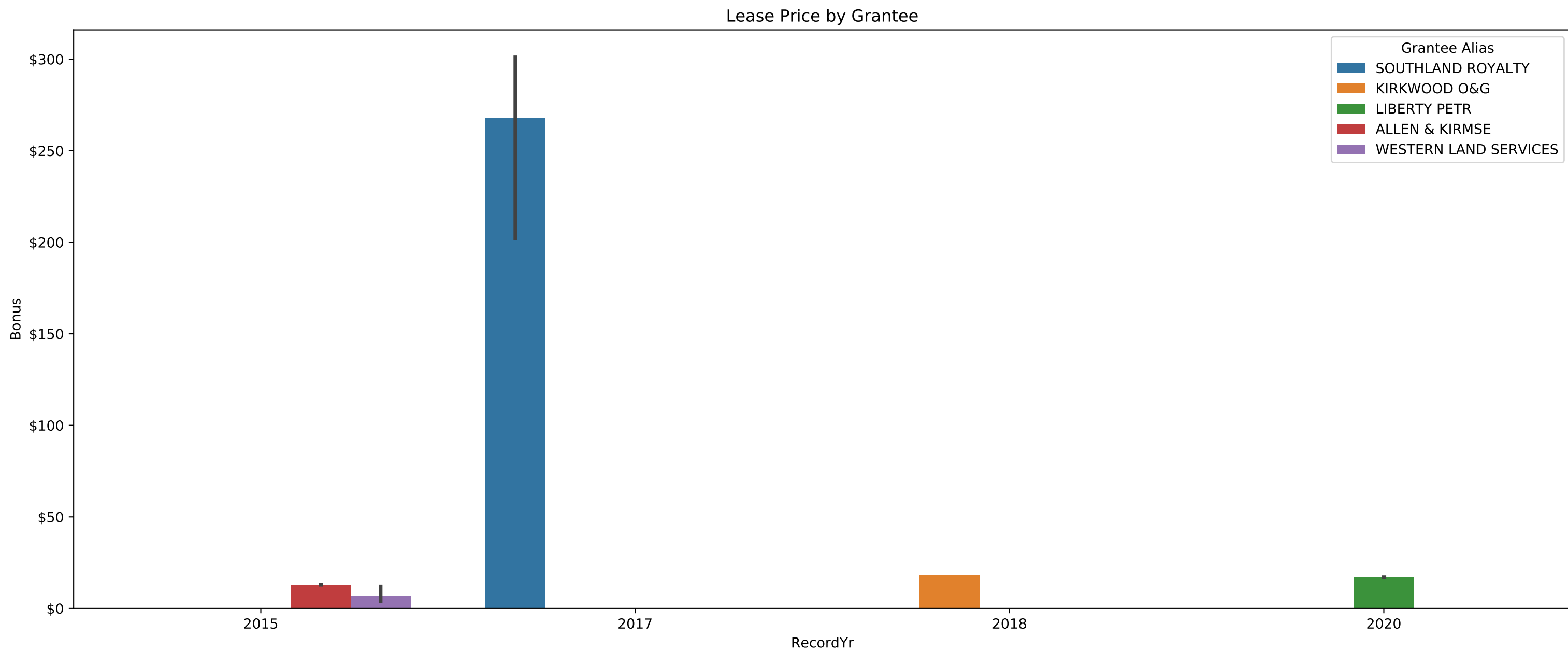
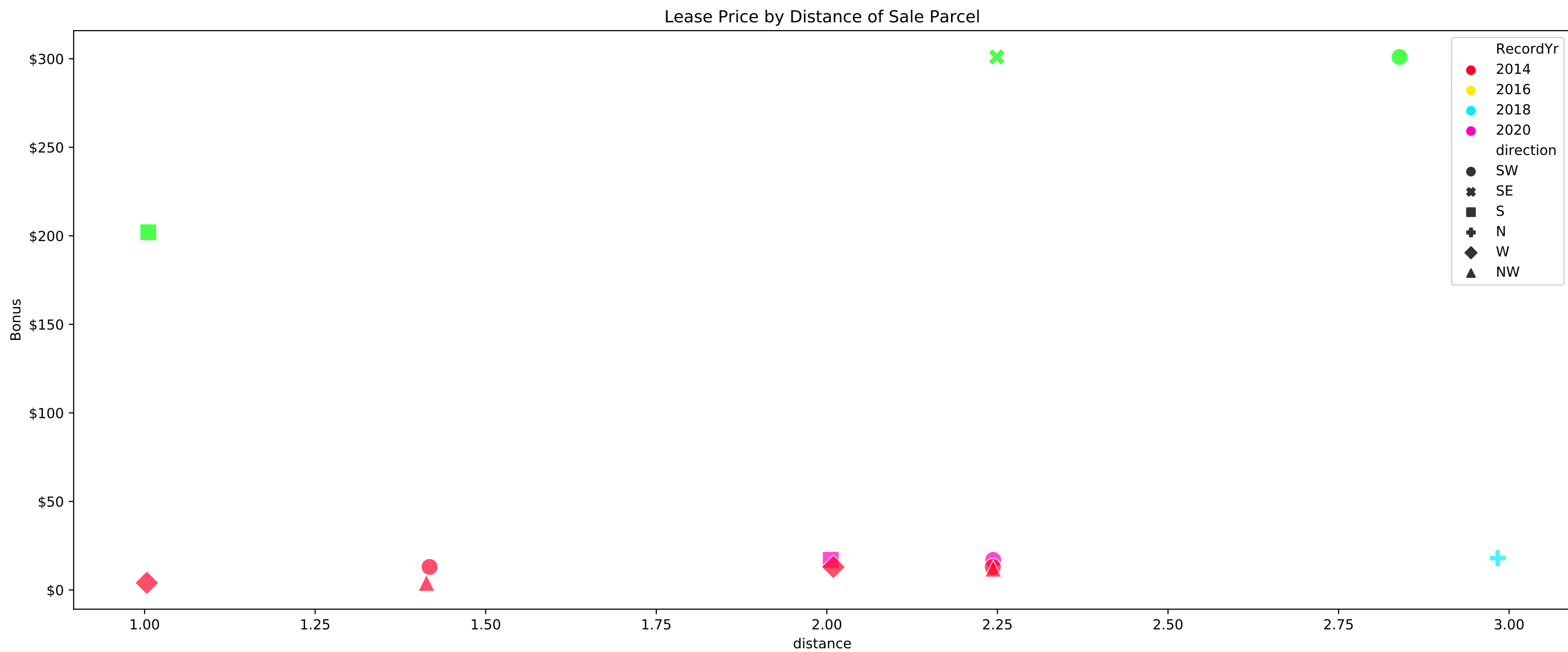
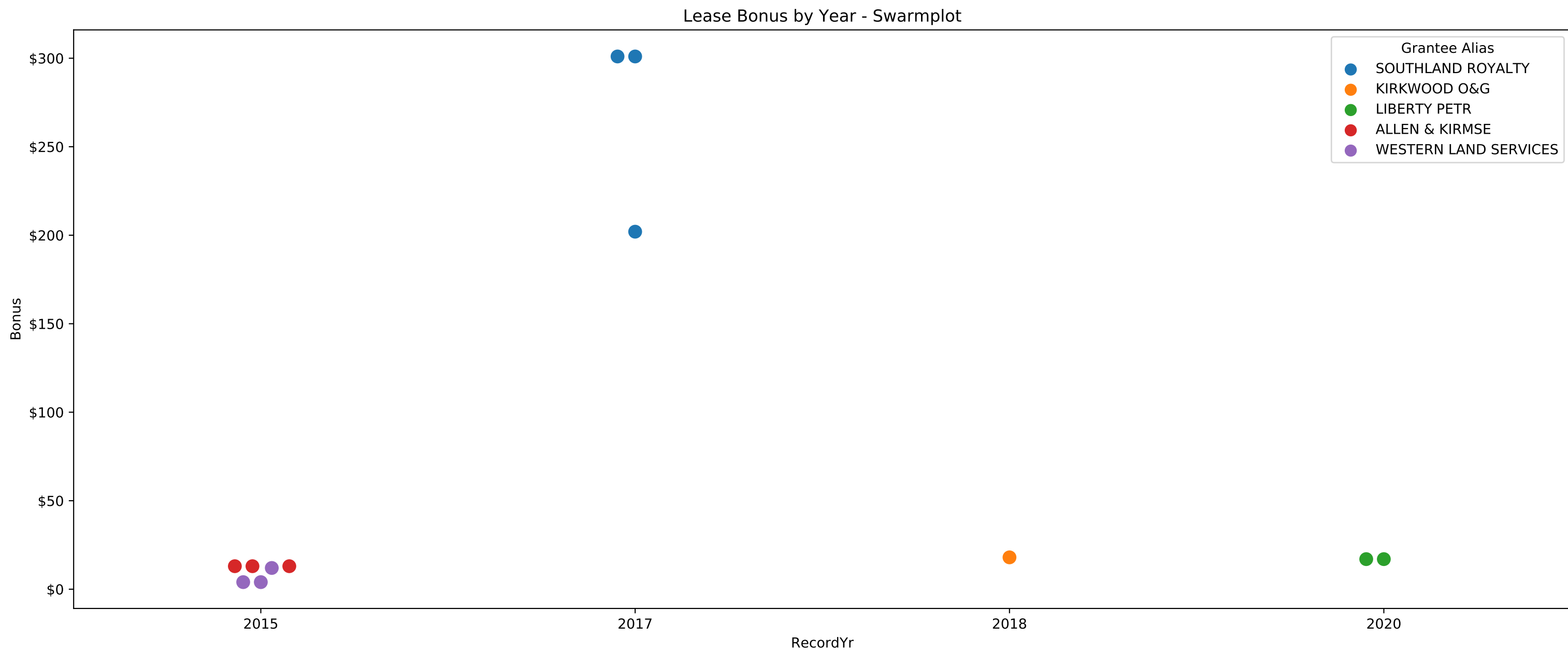
Lease Summary for tract 81
Total Number of Leases: 1
Average Price \$1/acre in 2019



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



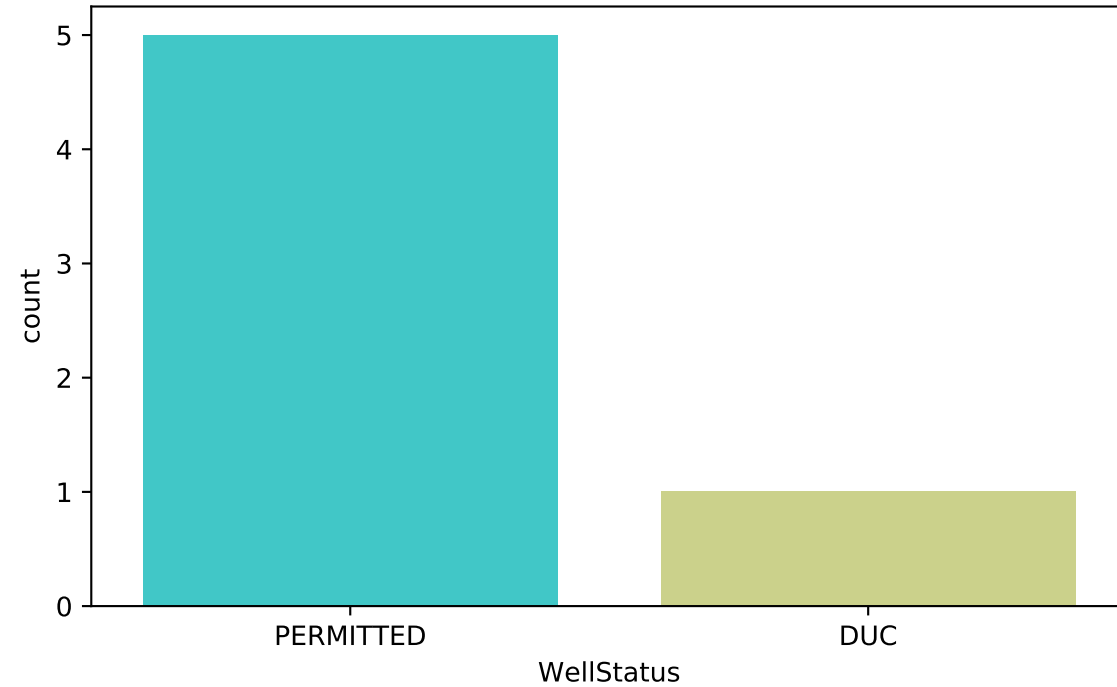
Lease Summary for tract 33
Total Number of Leases: 12
Average Price \$17/acre in 2020



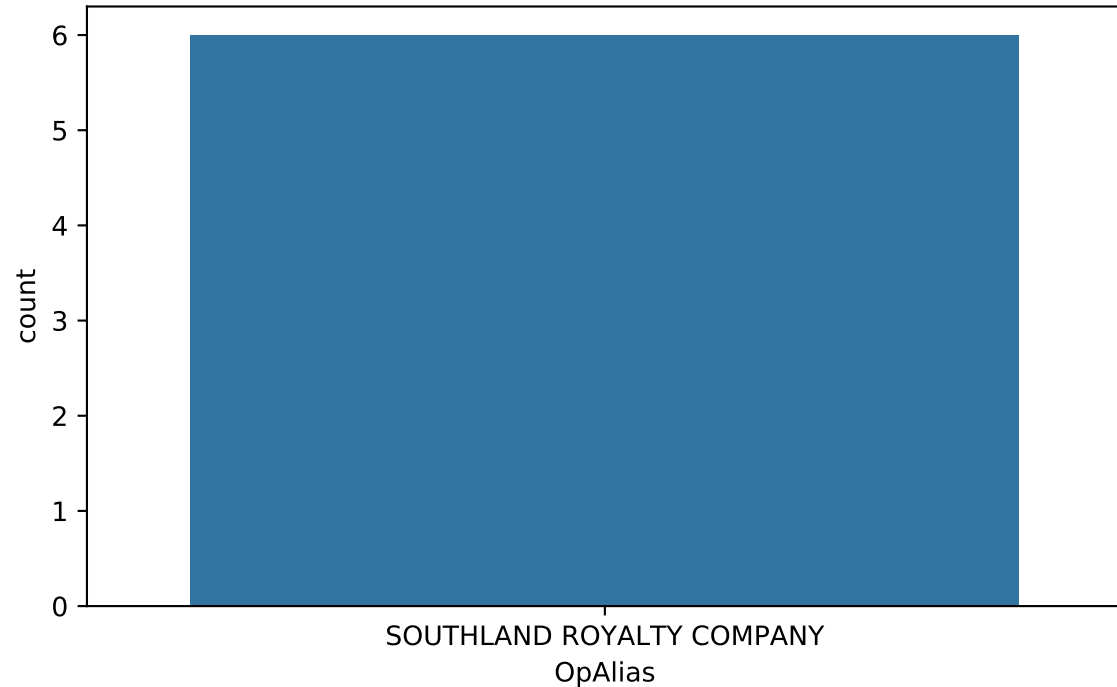
Permit Summary for Tract 32

Total permits: 6

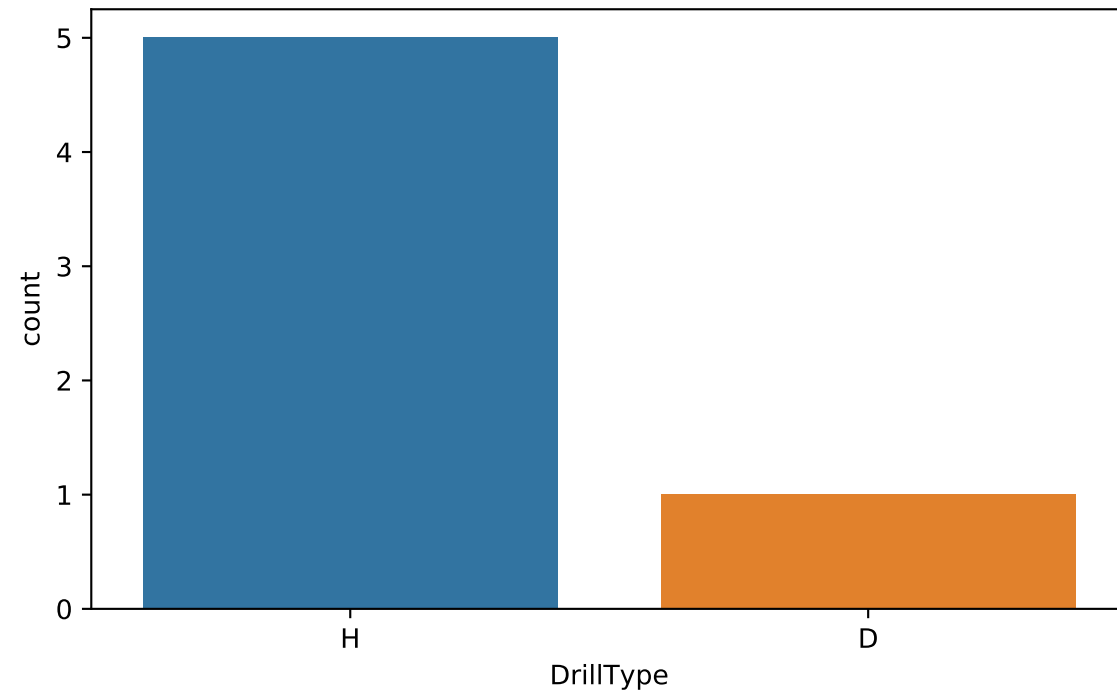
Permits by Well Status



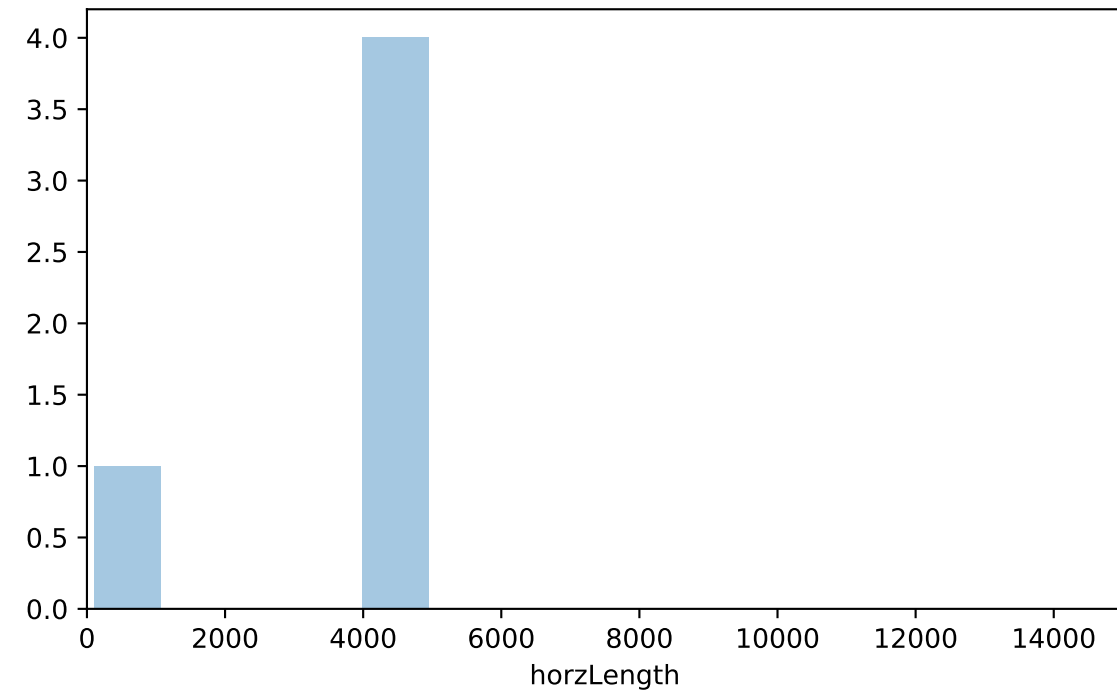
Permits by Operator



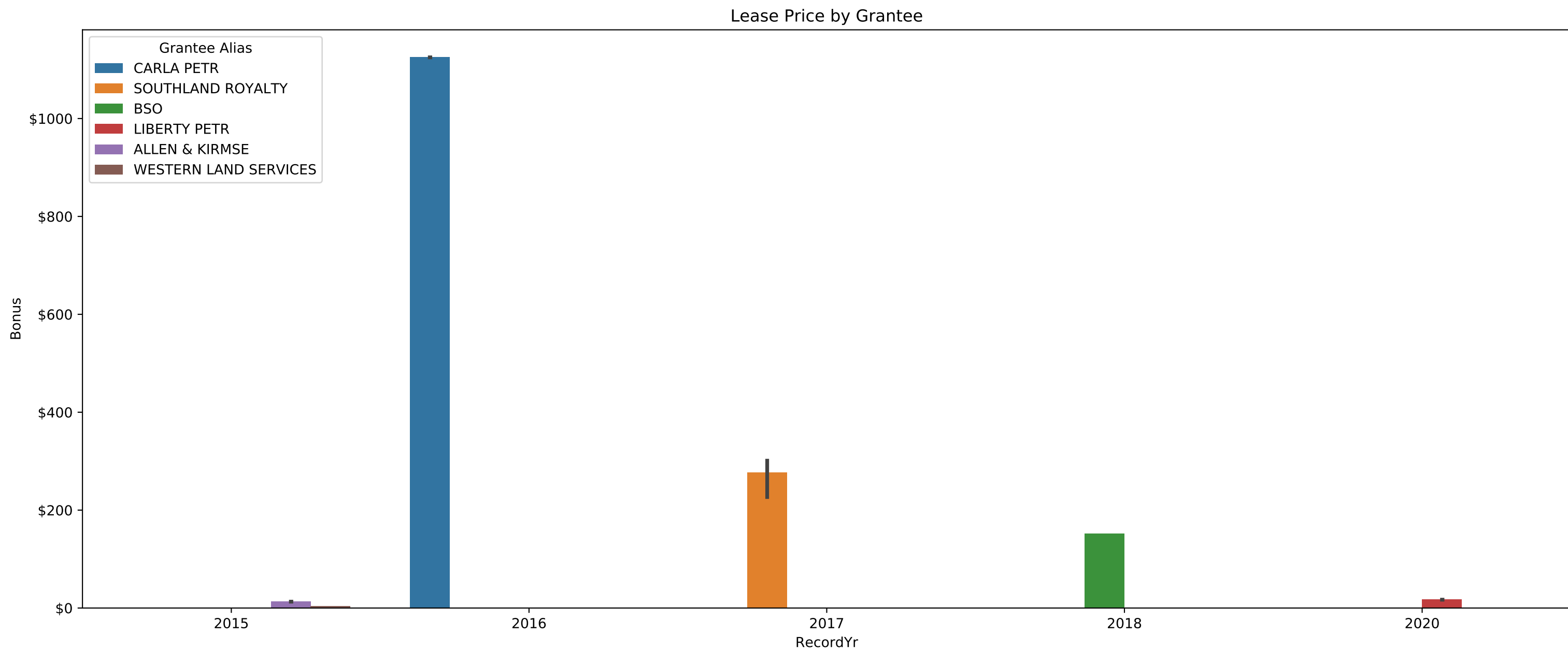
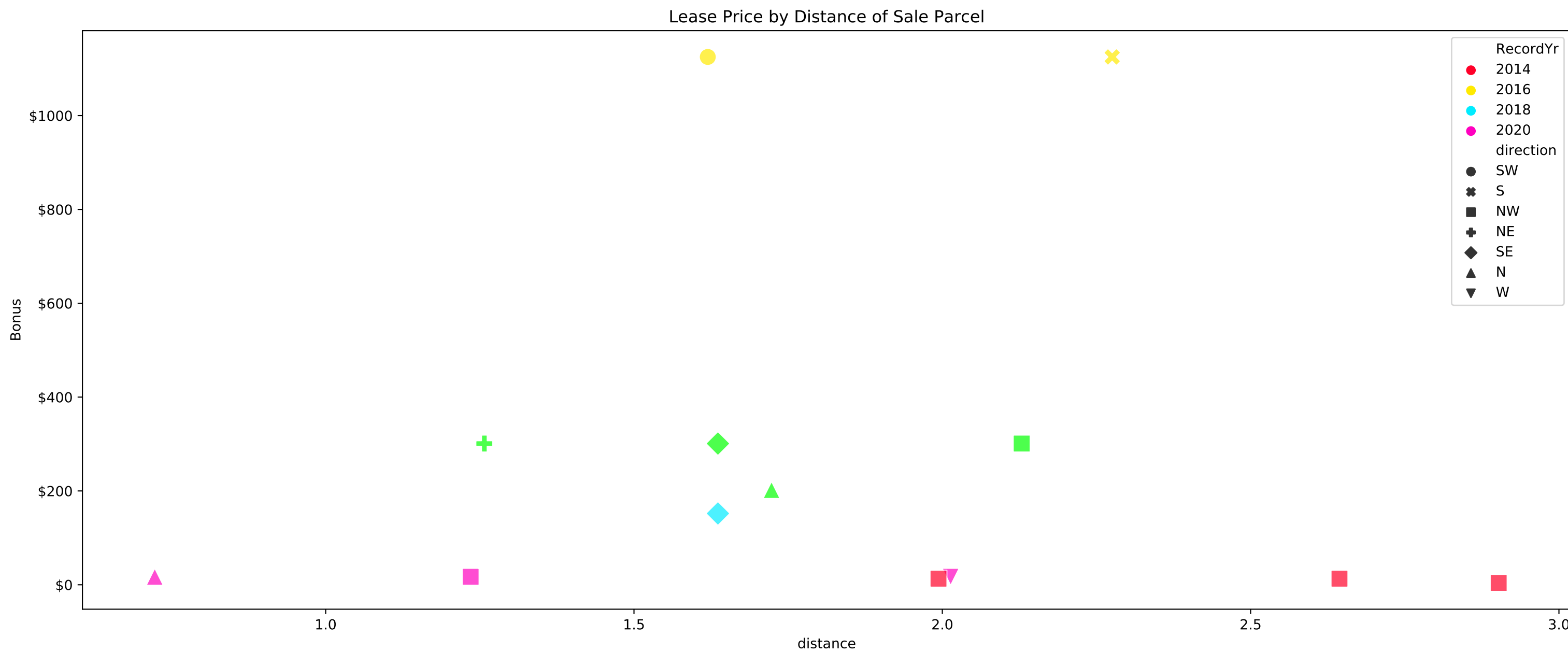
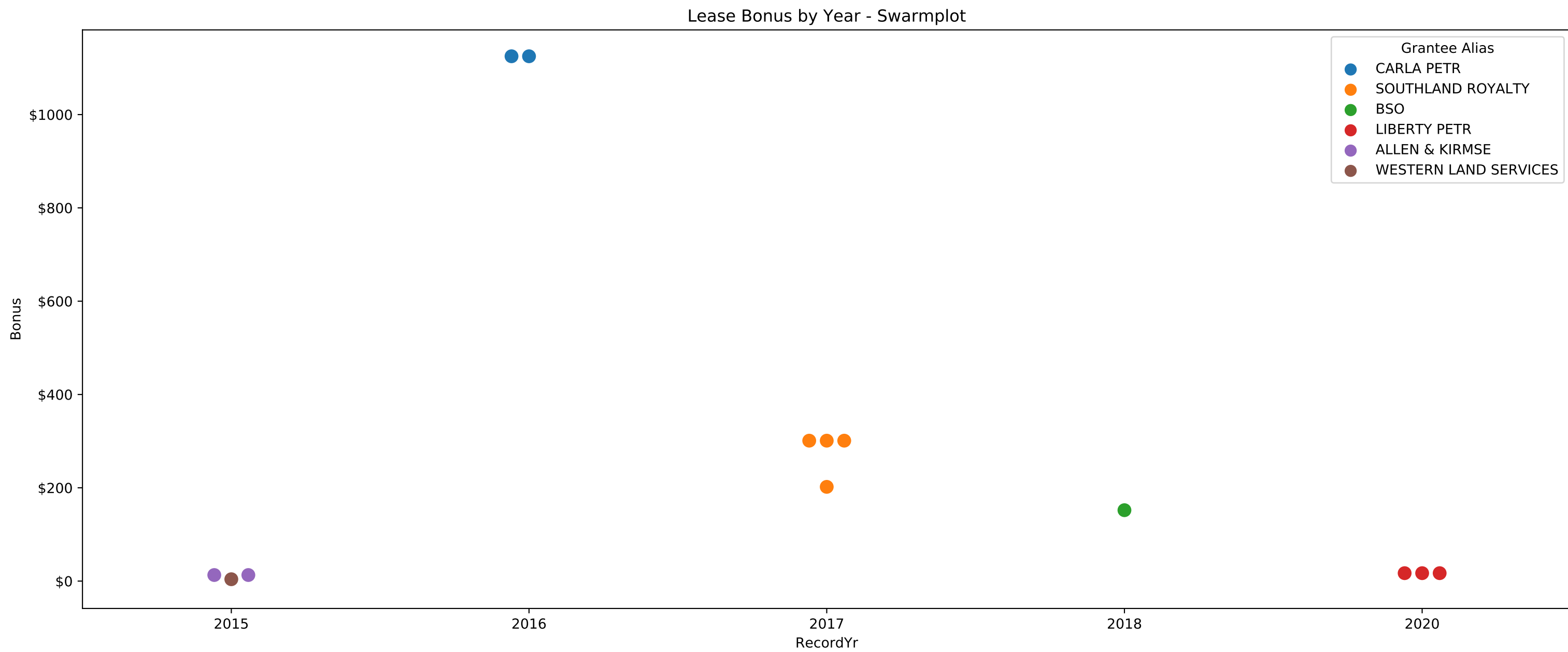
Permits by Well Type (H,D,V)



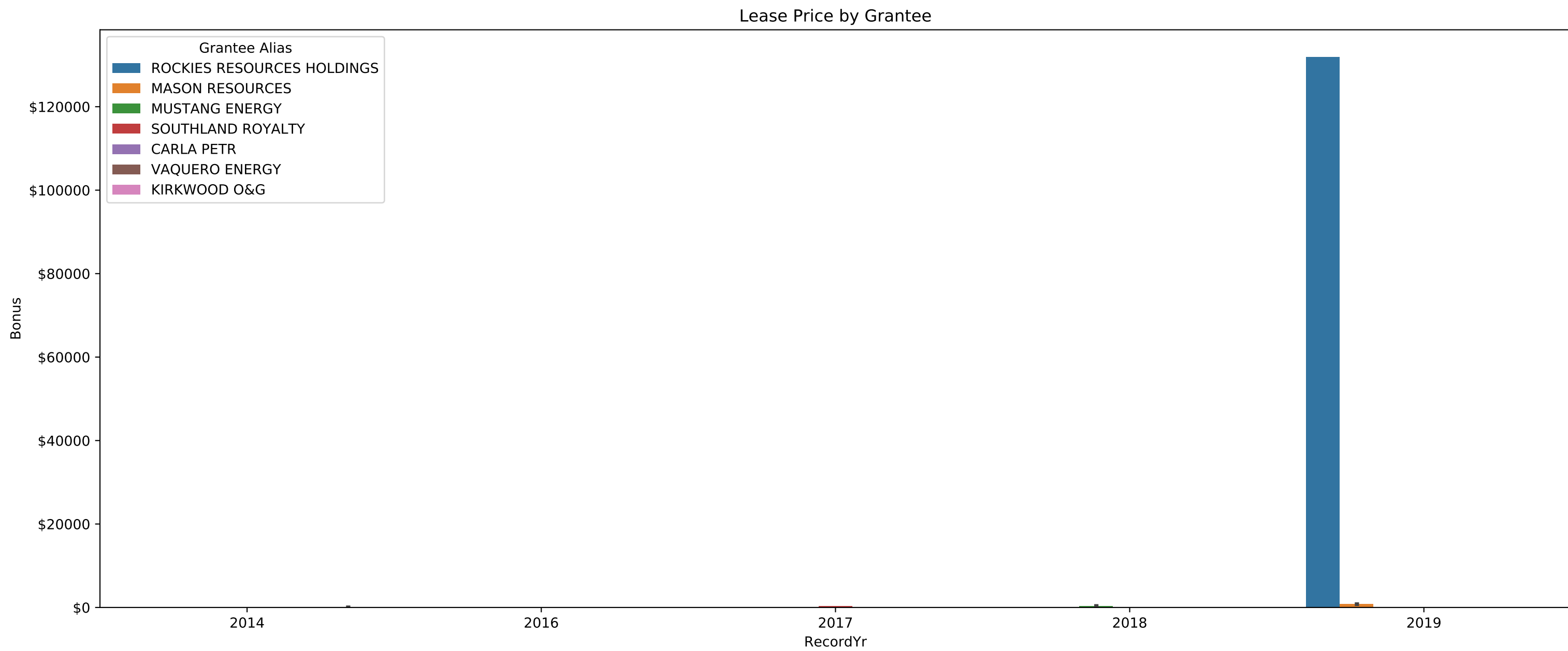
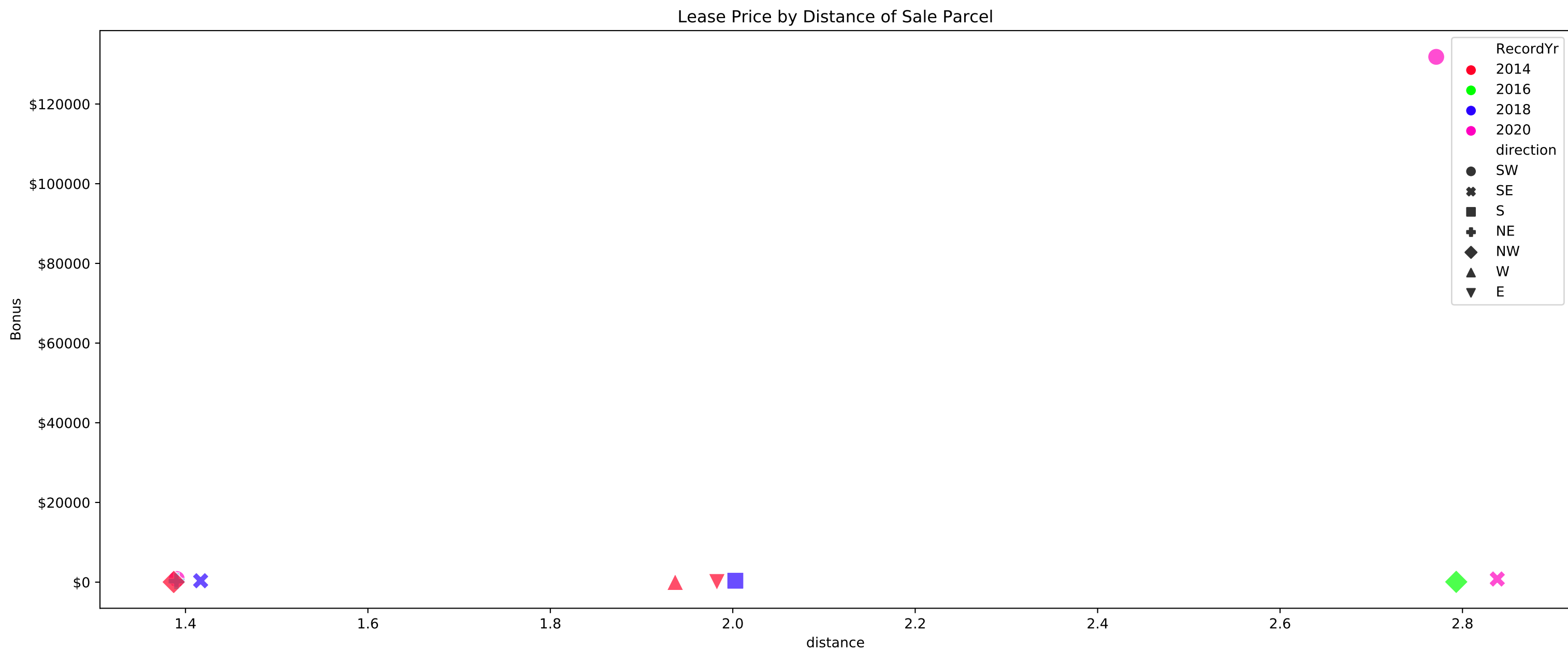
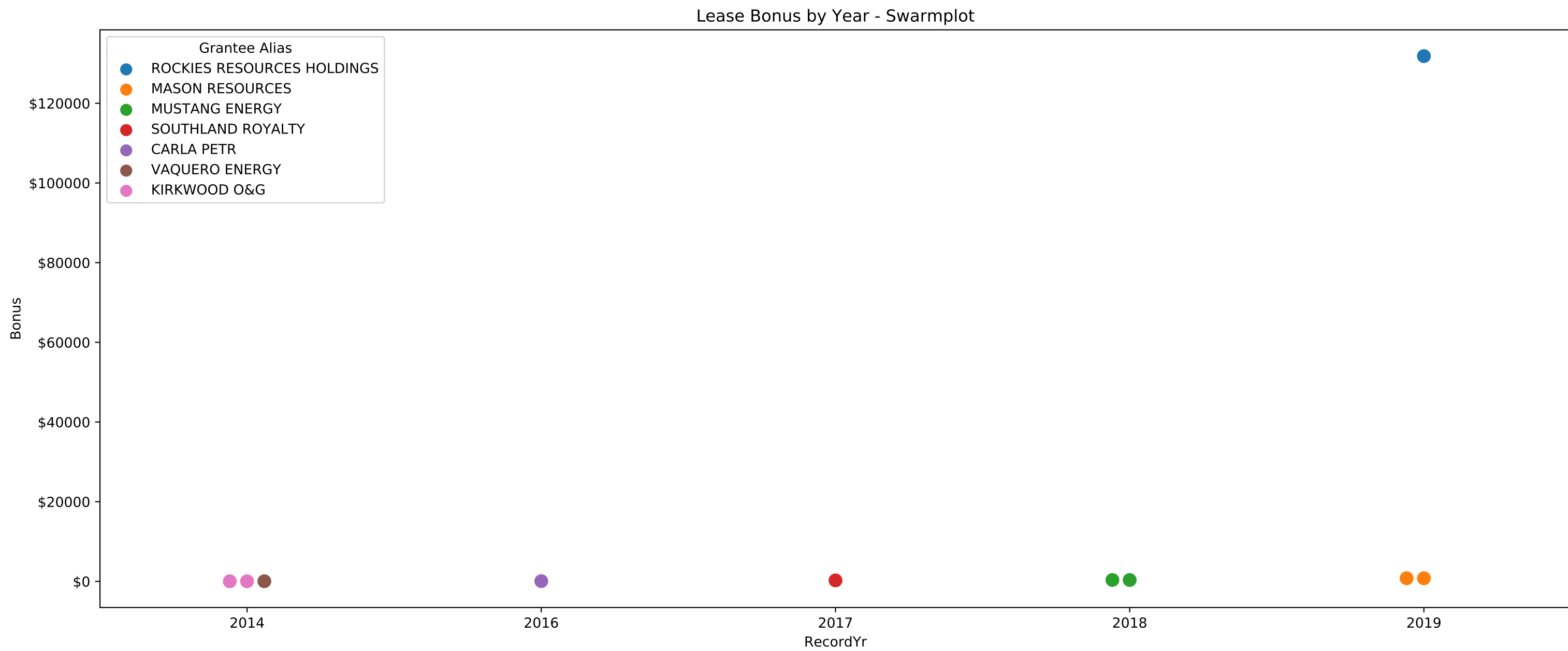
Permit Horizontal Lengths - Binned



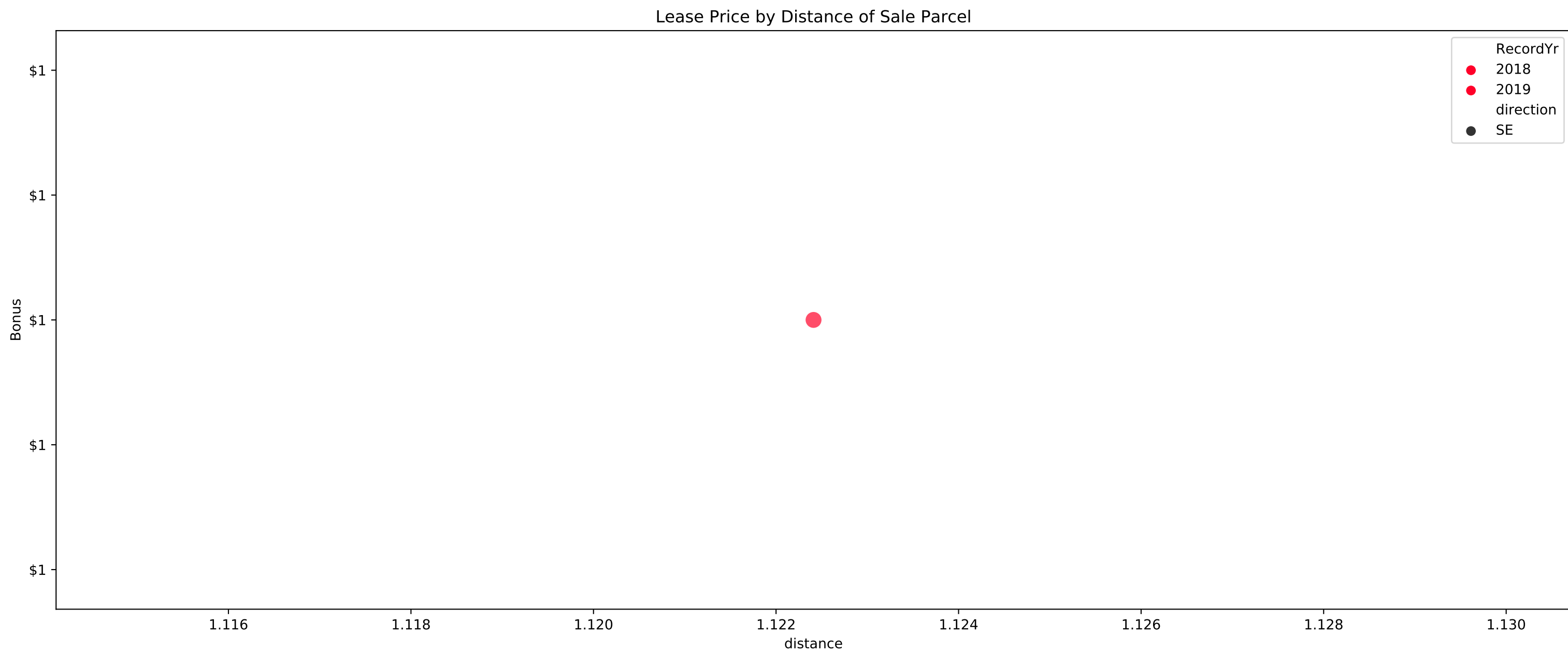
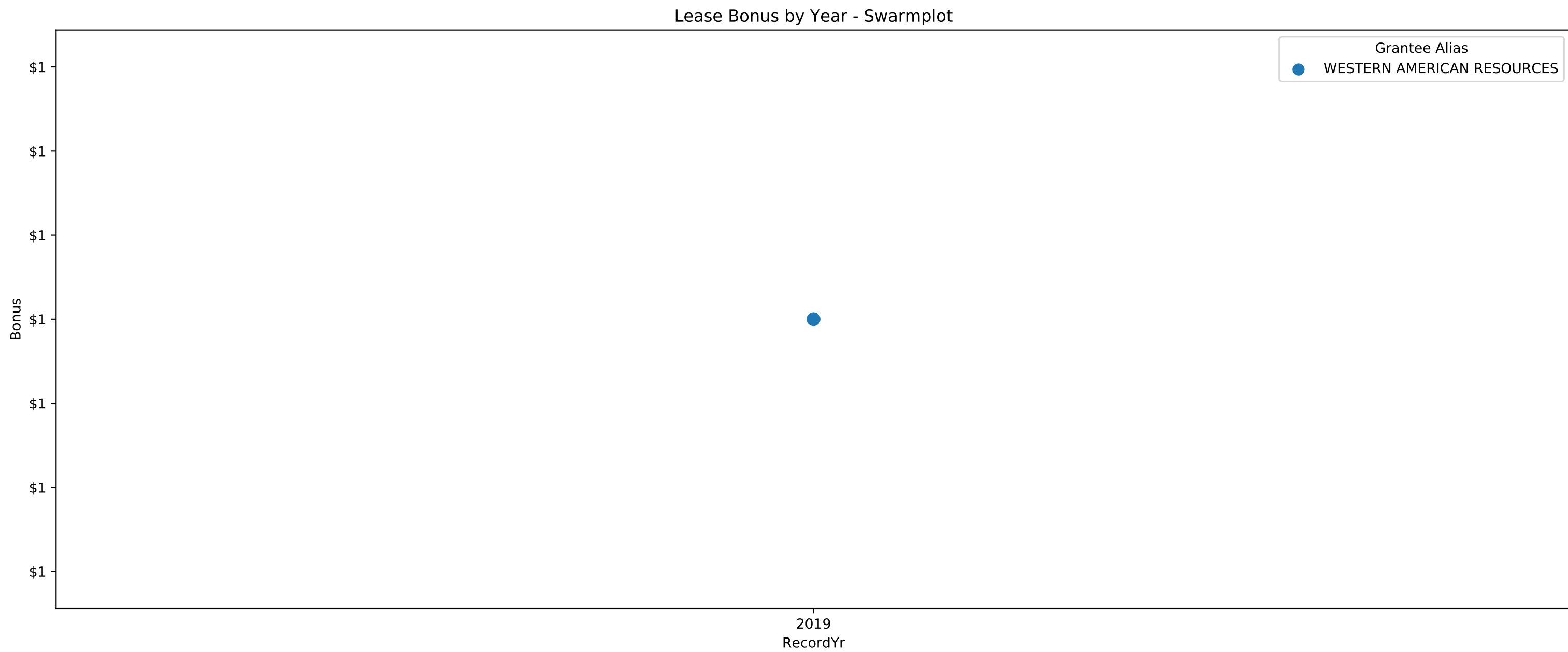
Lease Summary for tract 32
Total Number of Leases: 13
Average Price \$17/acre in 2020



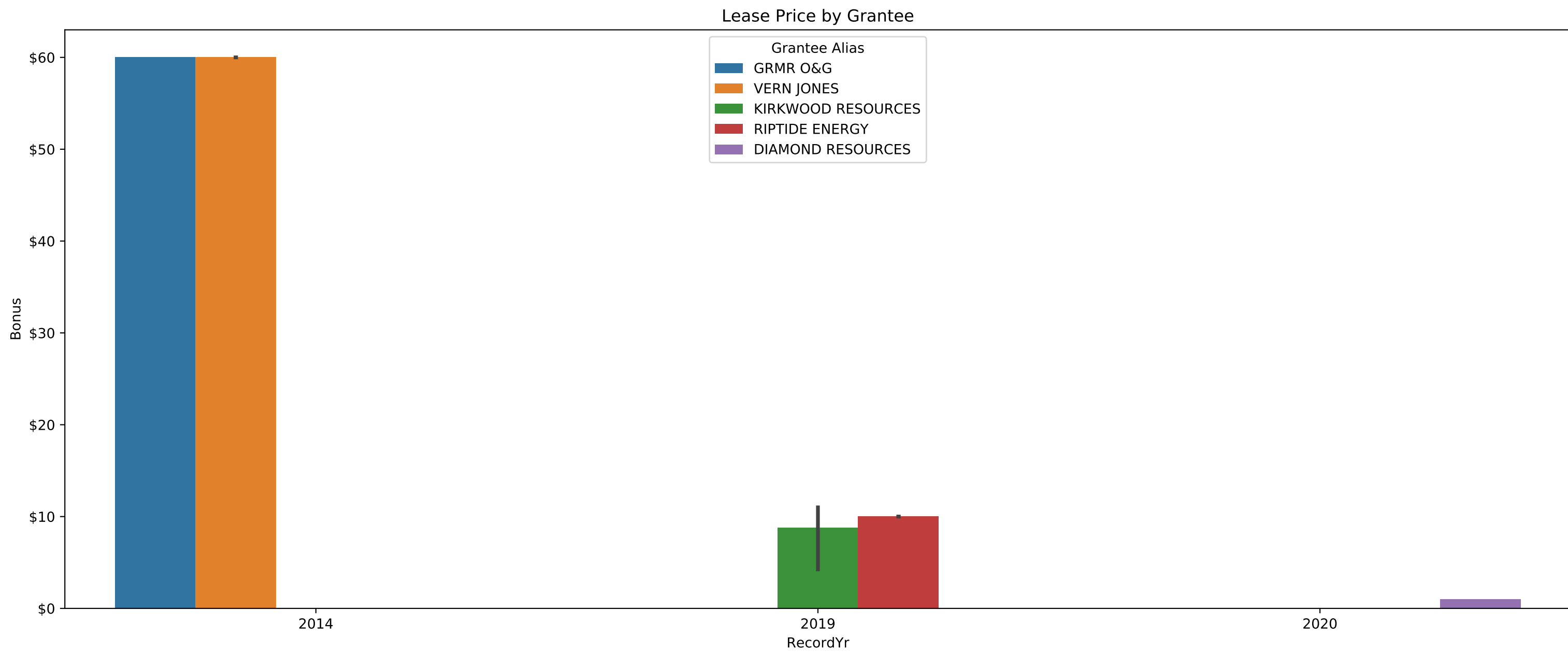
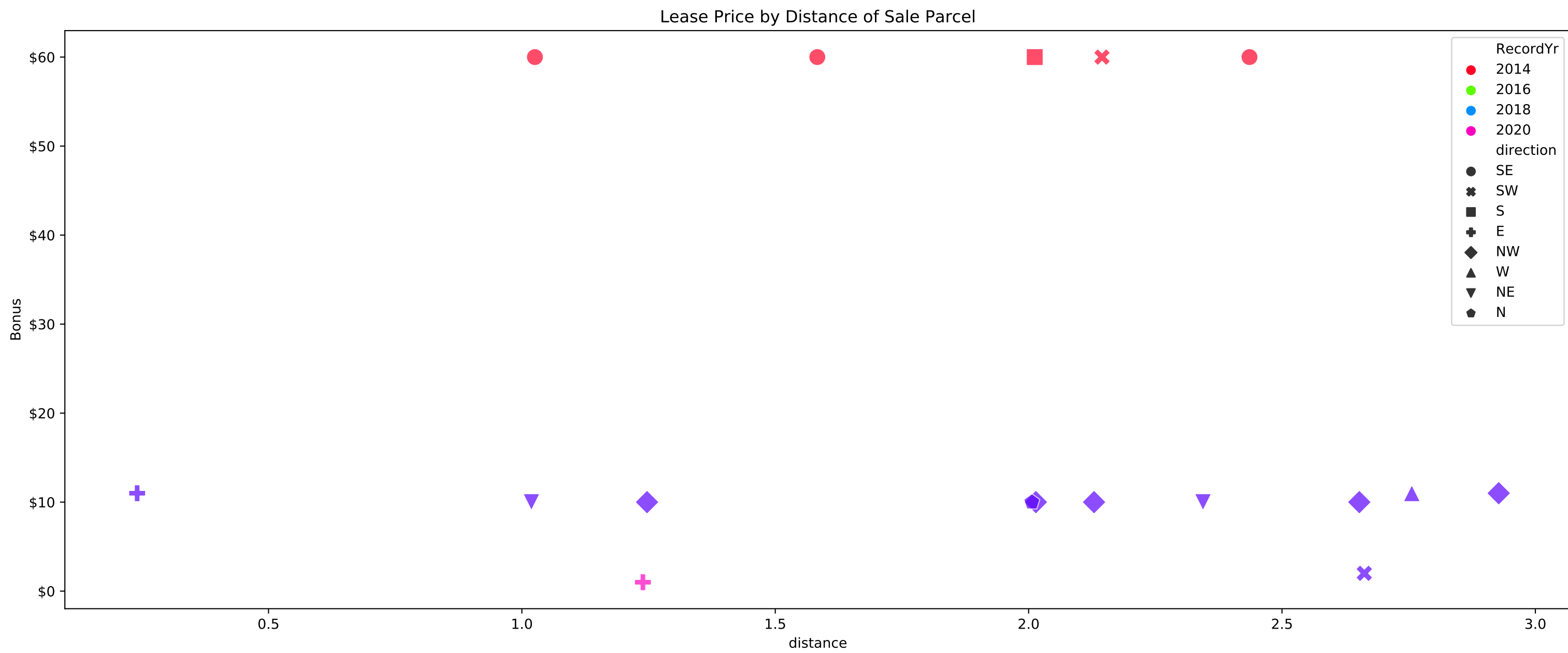
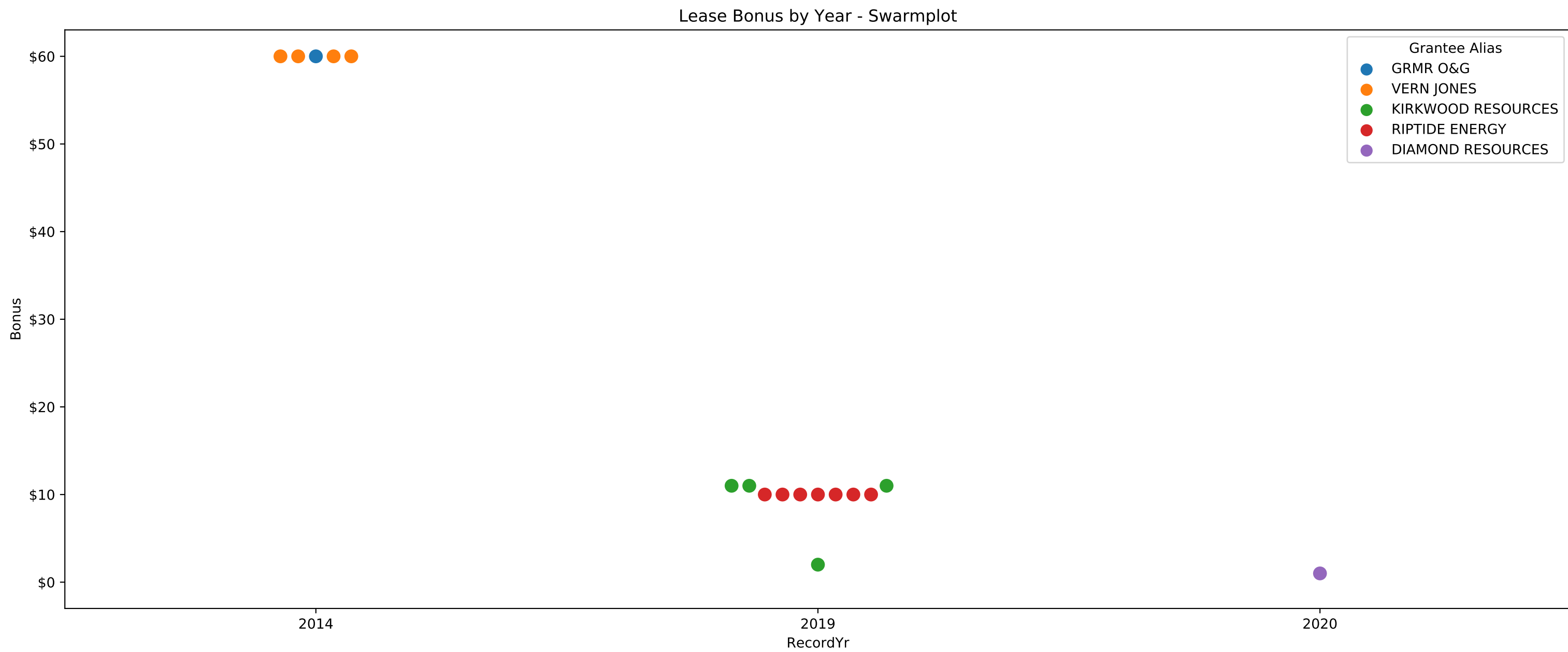
Lease Summary for tract 31
Total Number of Leases: 10
Average Price \$44472/acre in 2019



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



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



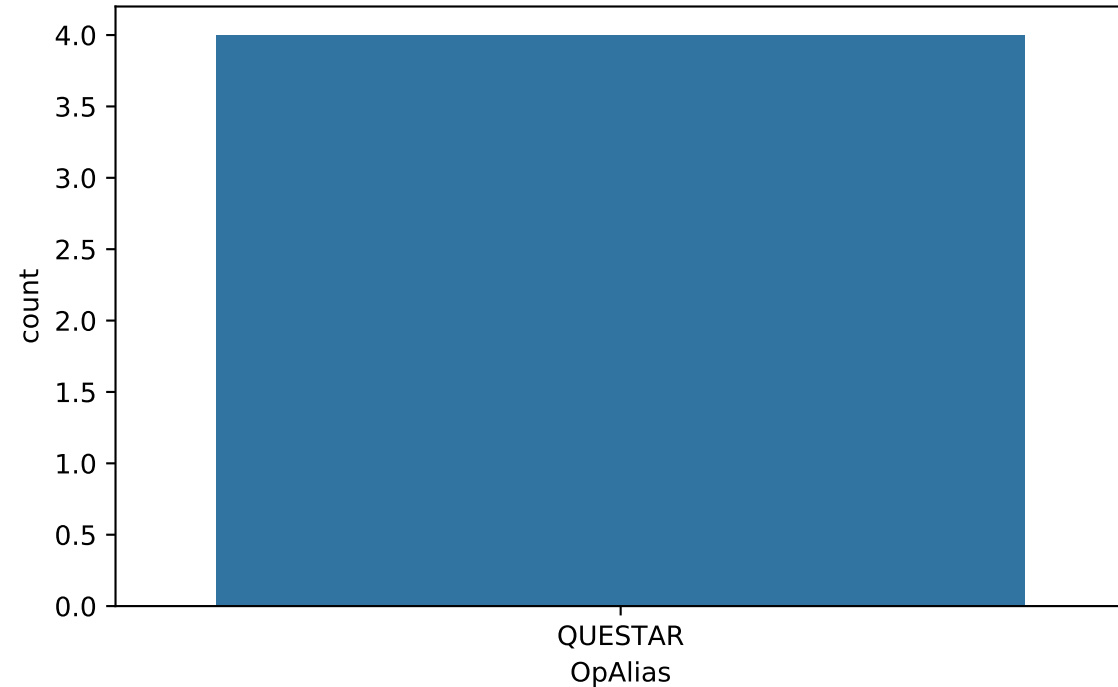
Permit Summary for Tract 73

Total permits: 4

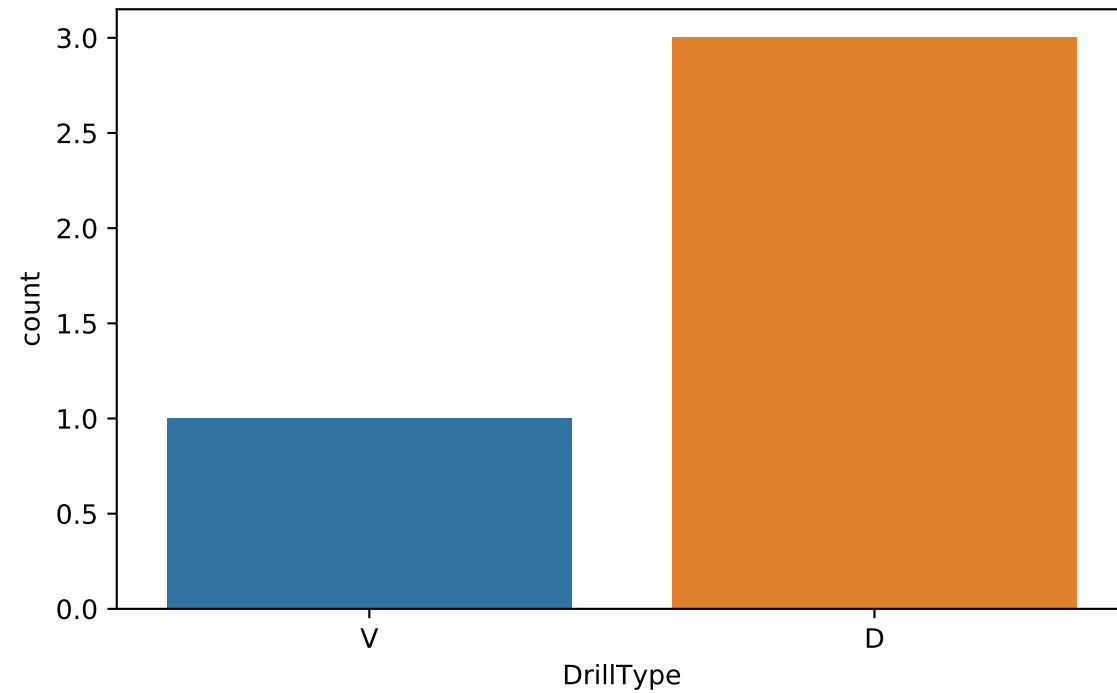
Permits by Well Status



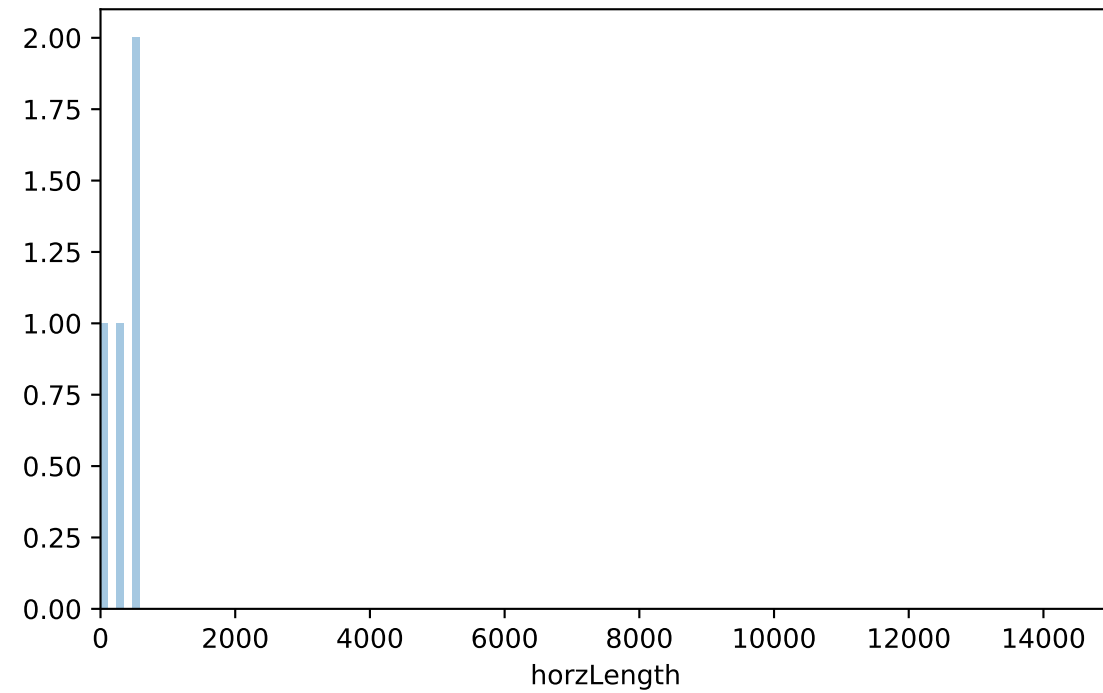
Permits by Operator



Permits by Well Type (H,D,V)

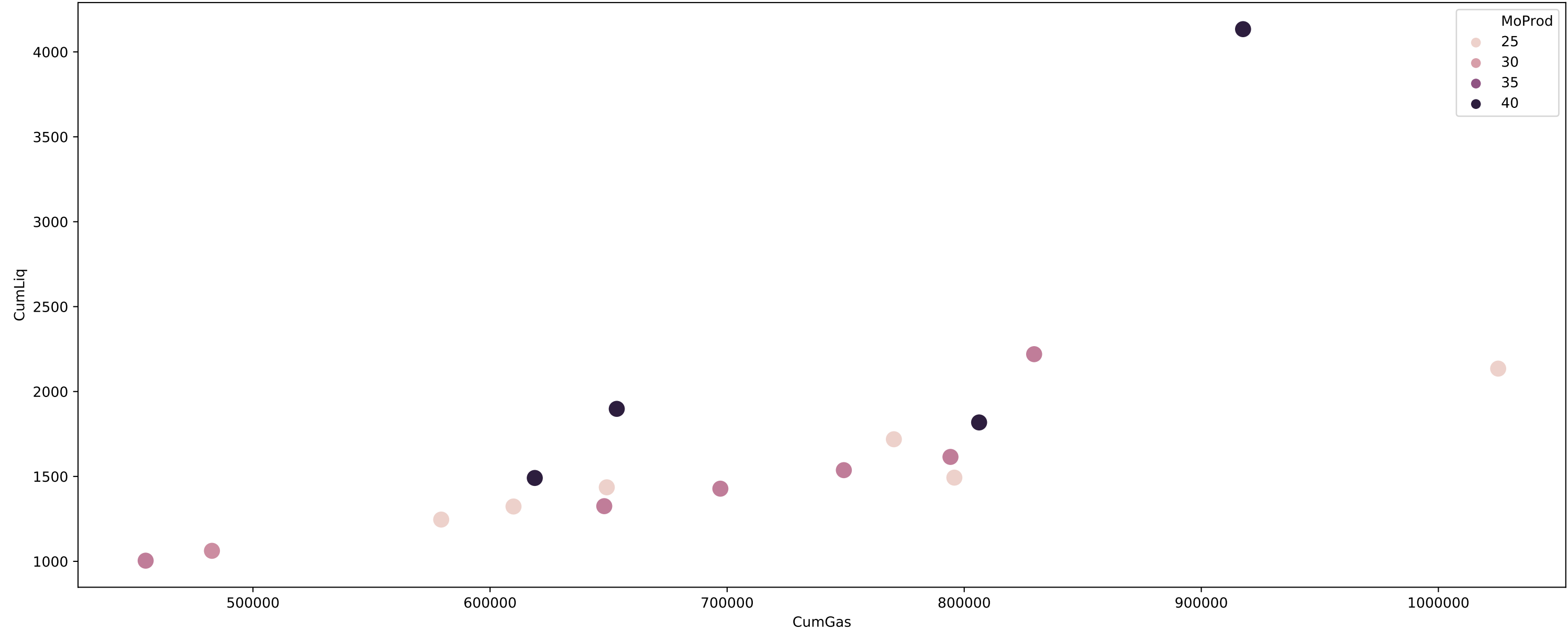


Permit Horizontal Lengths - Binned

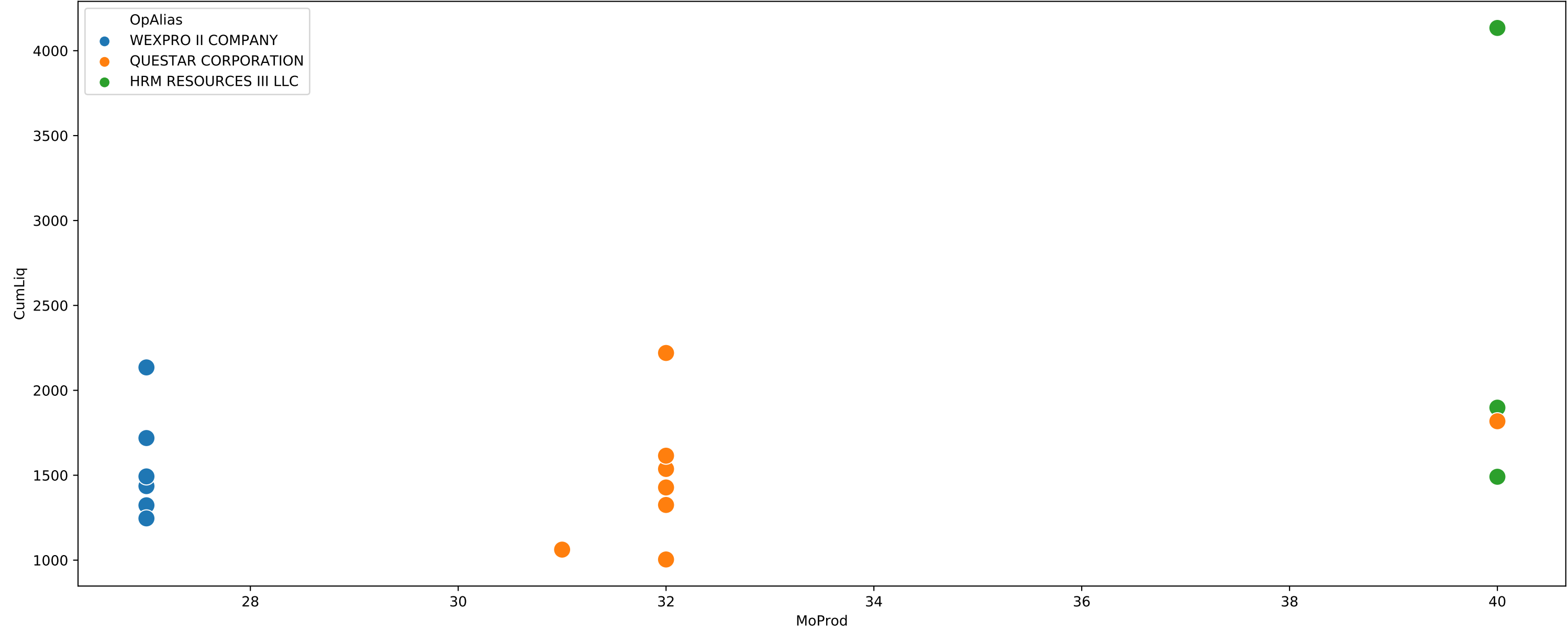


Production Dashboard for tract 73

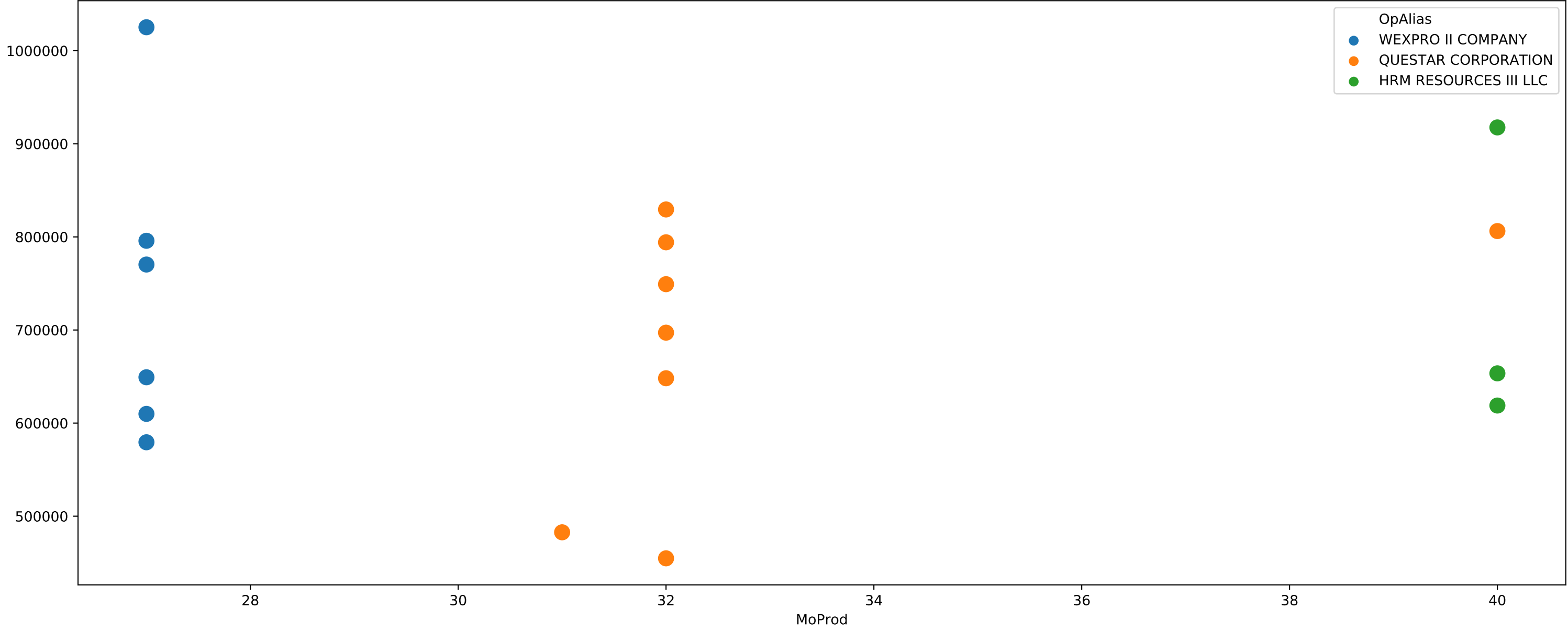
Scatter Plot - Cumulative Gas vs Cumalative Oil - Colored by Months Produced



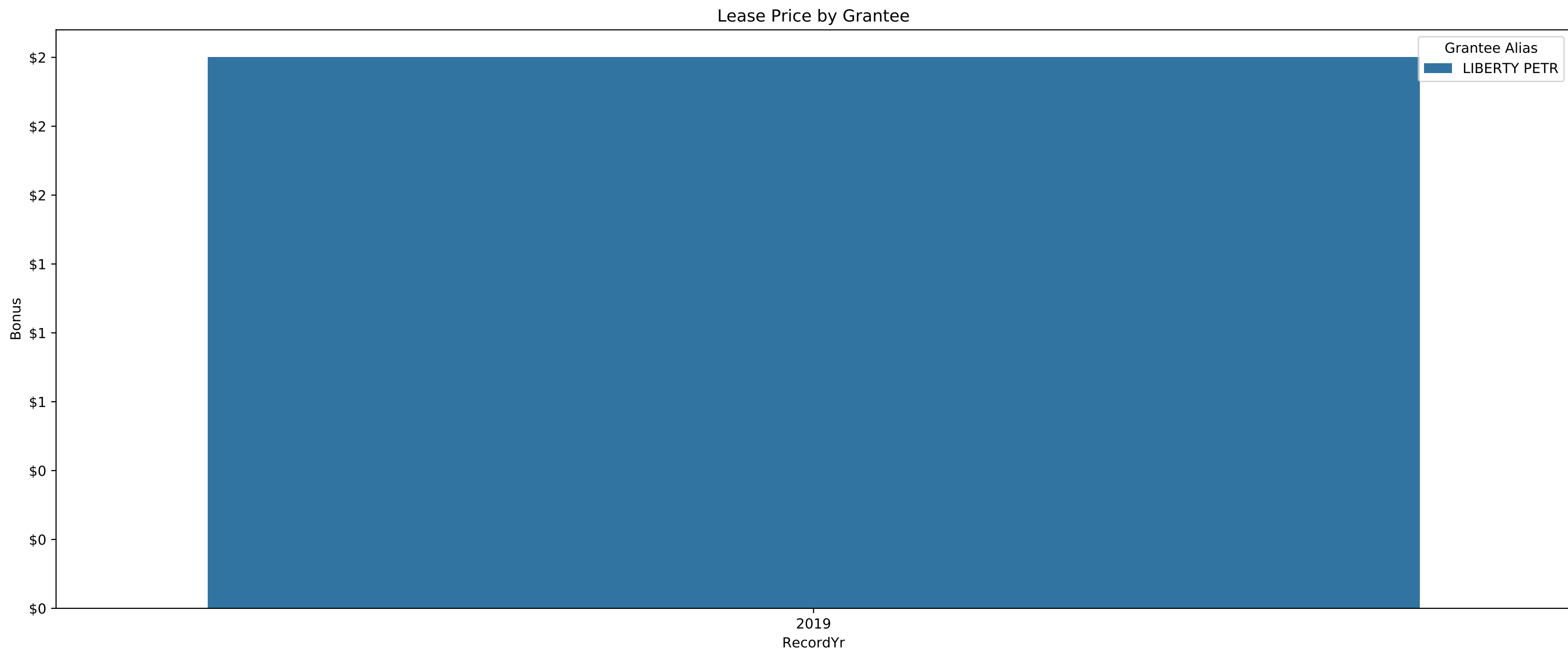
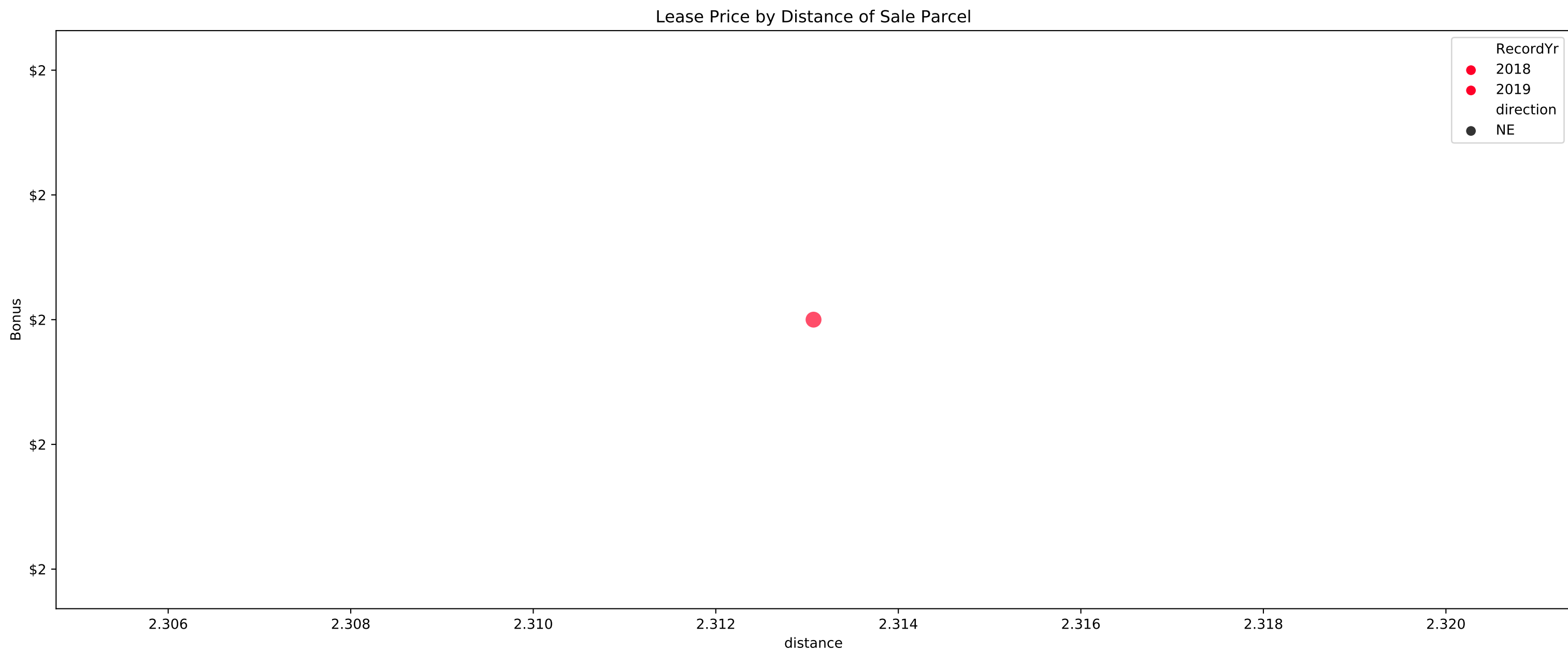
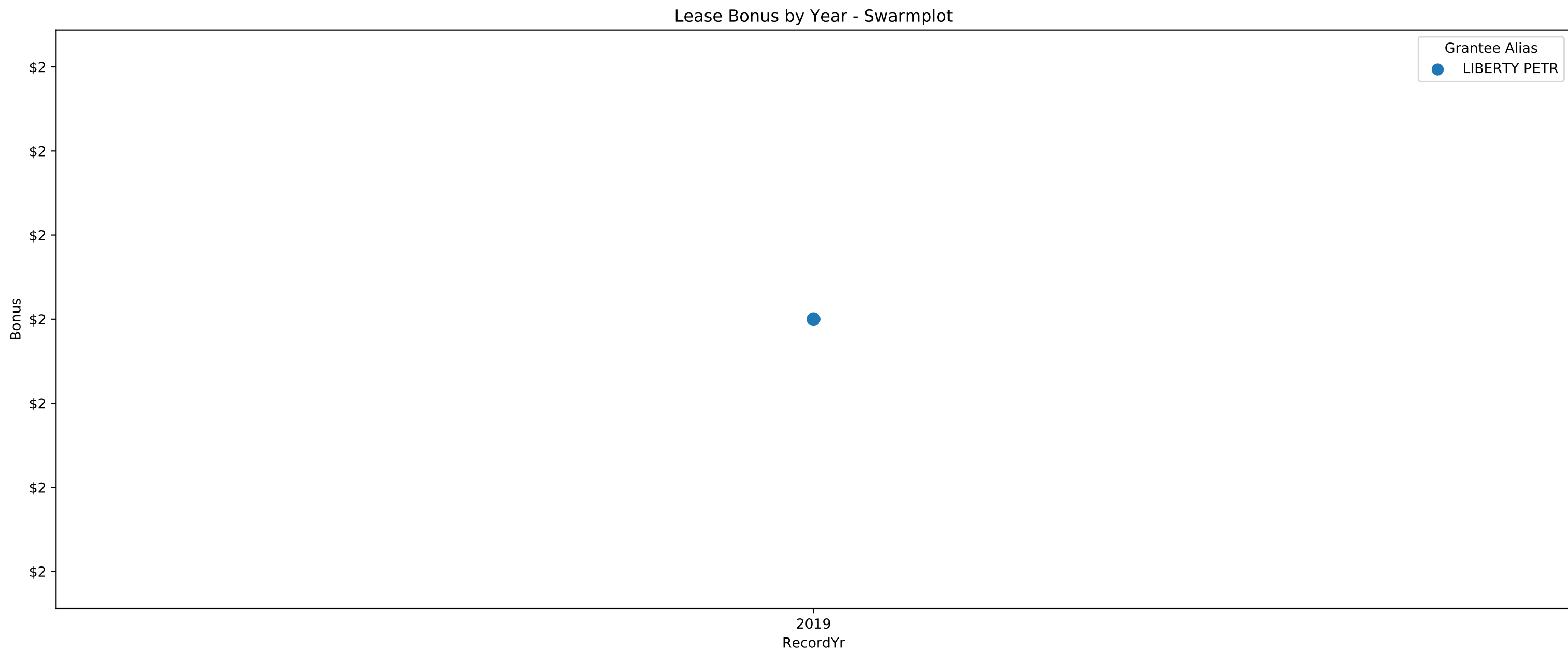
Cumaltive Oil vs. Months Produced - Colored by Operator



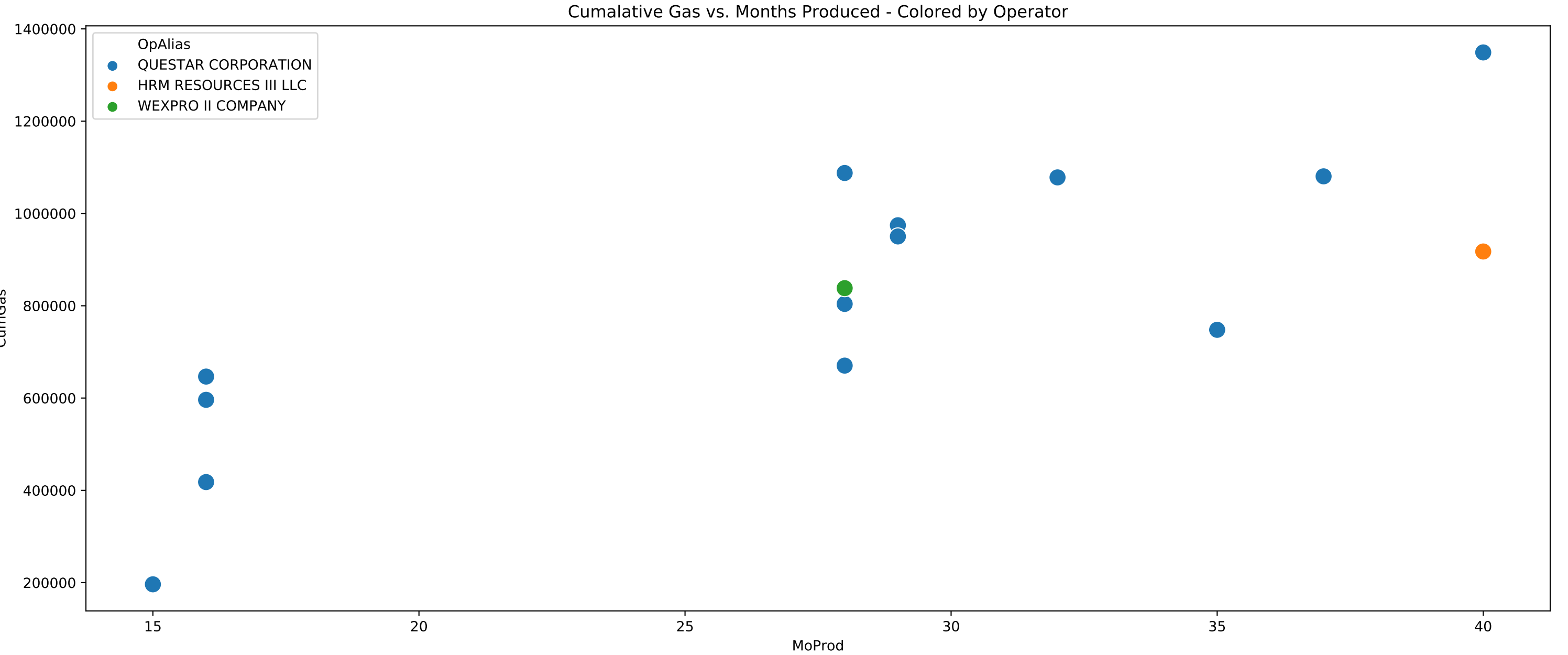
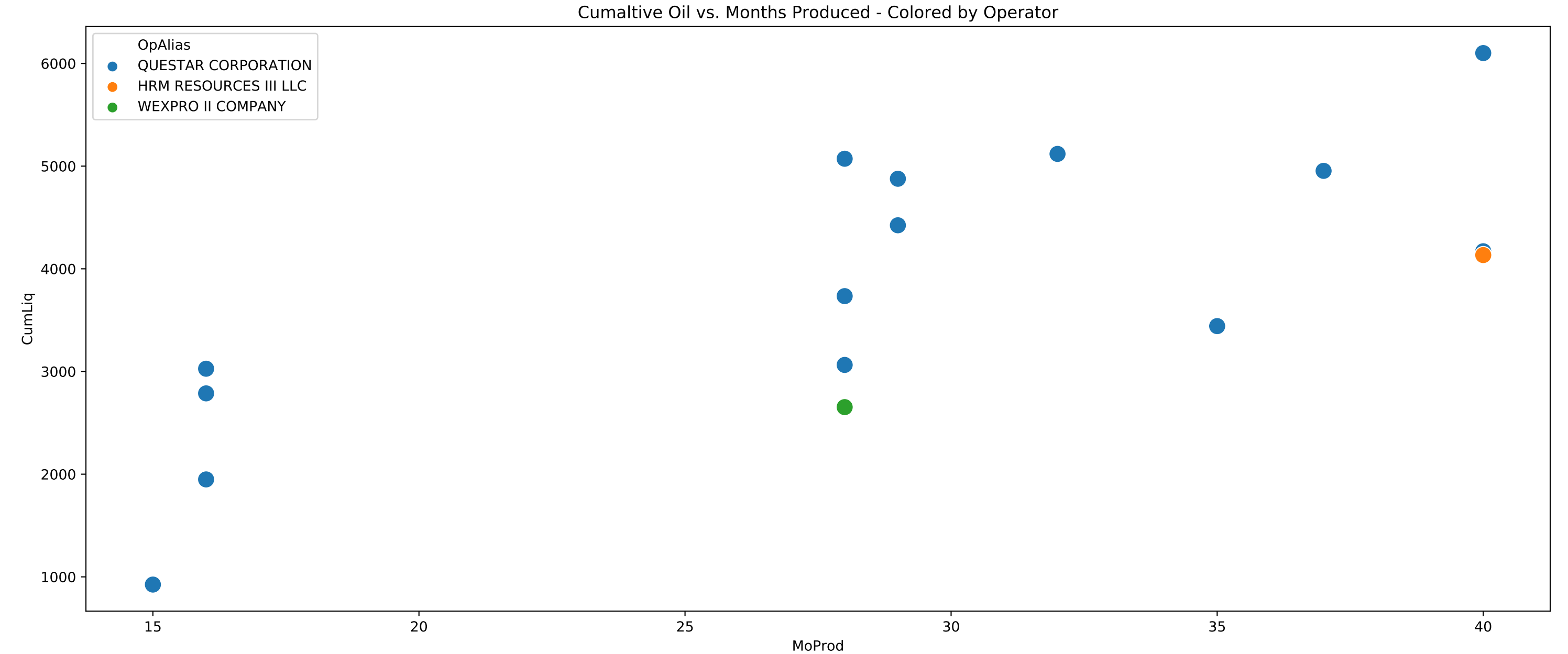
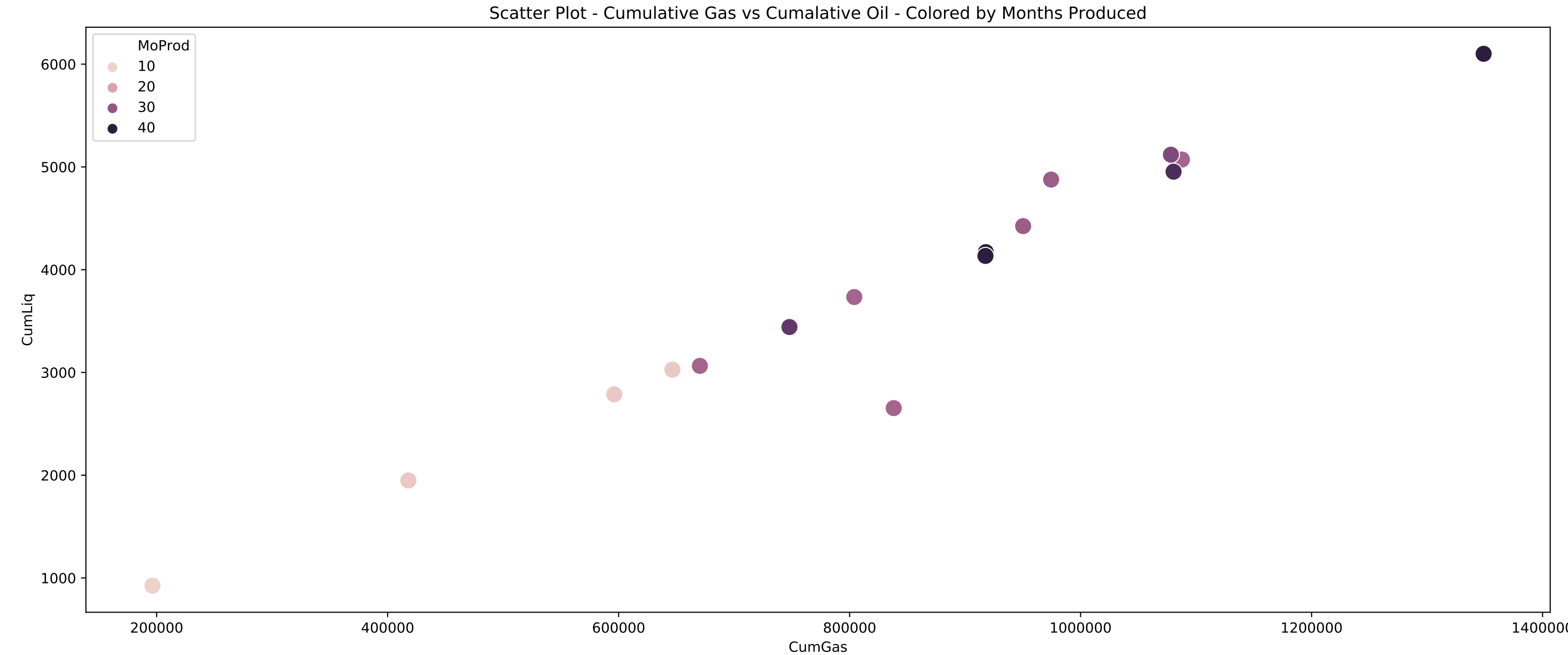
Cumalative Gas vs. Months Produced - Colored by Operator



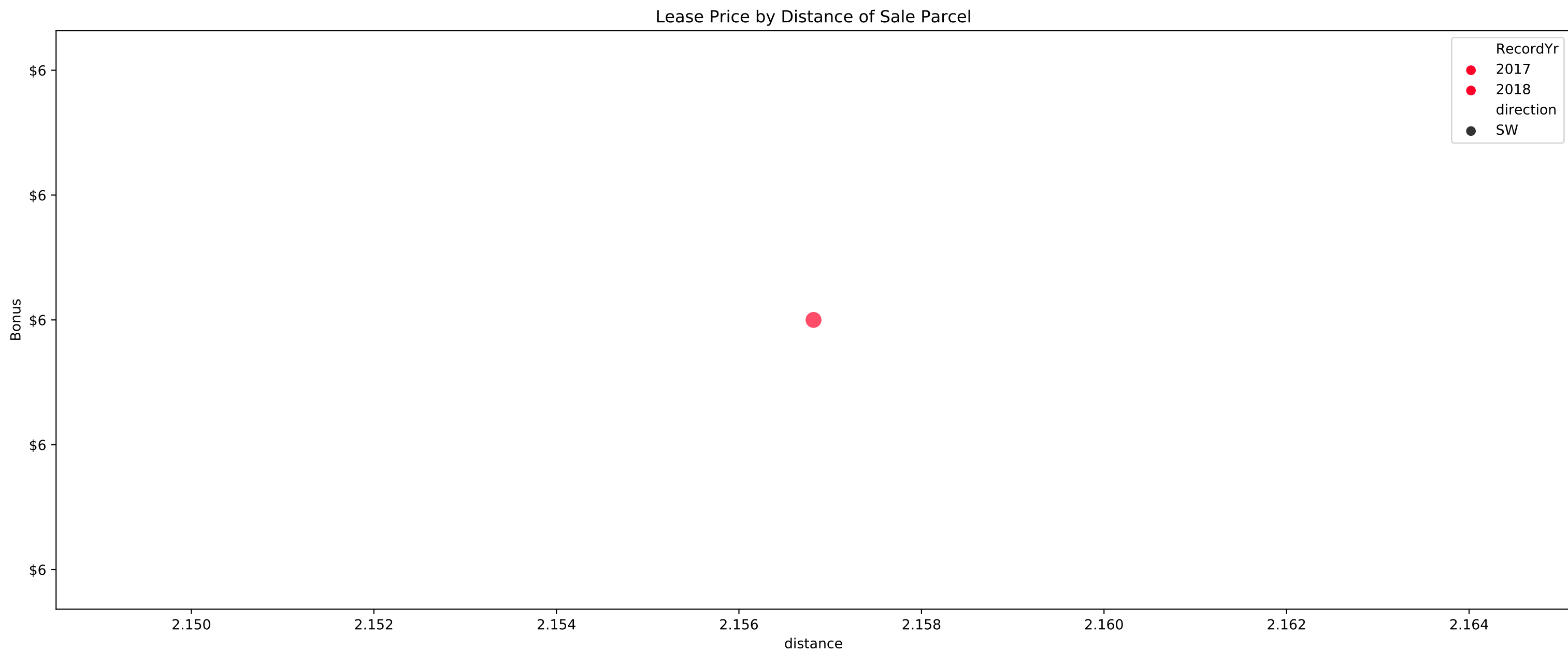
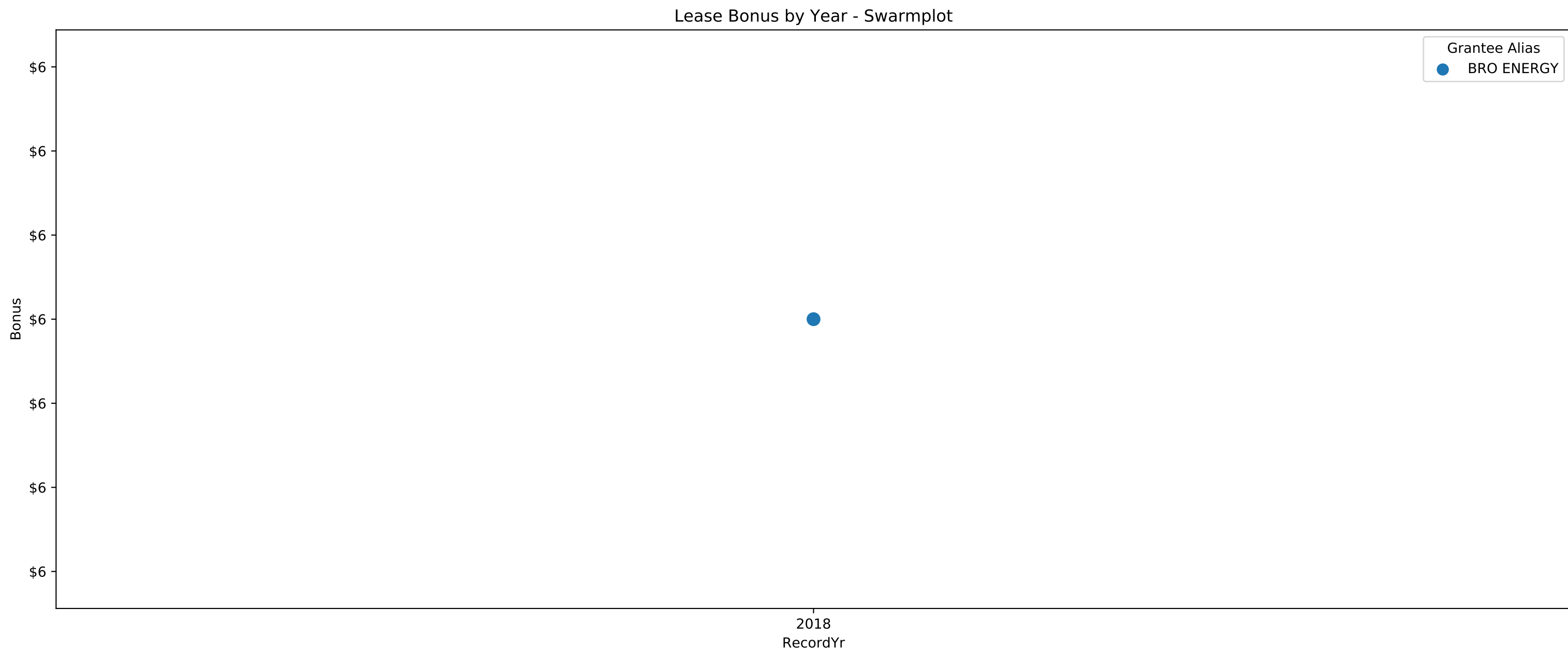
Lease Summary for tract 73
Total Number of Leases: 1
Average Price \$2/acre in 2019



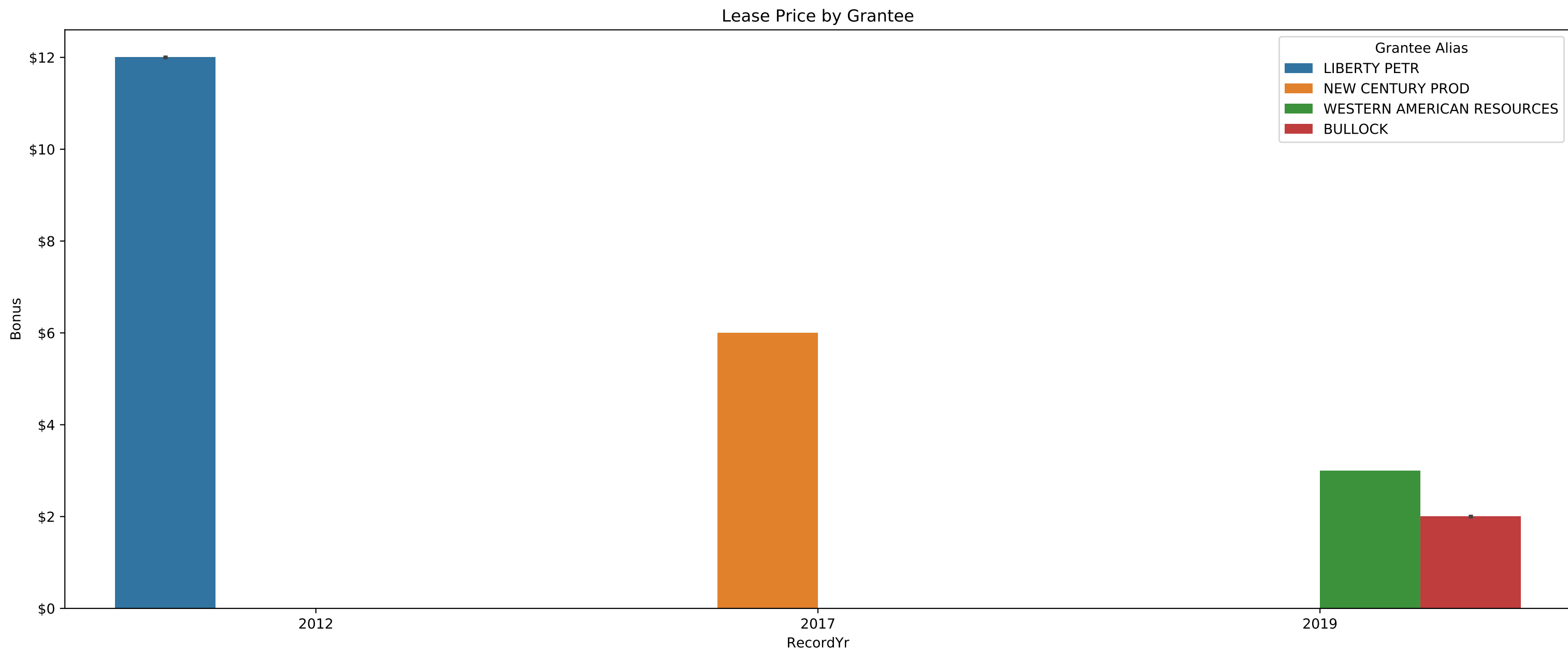
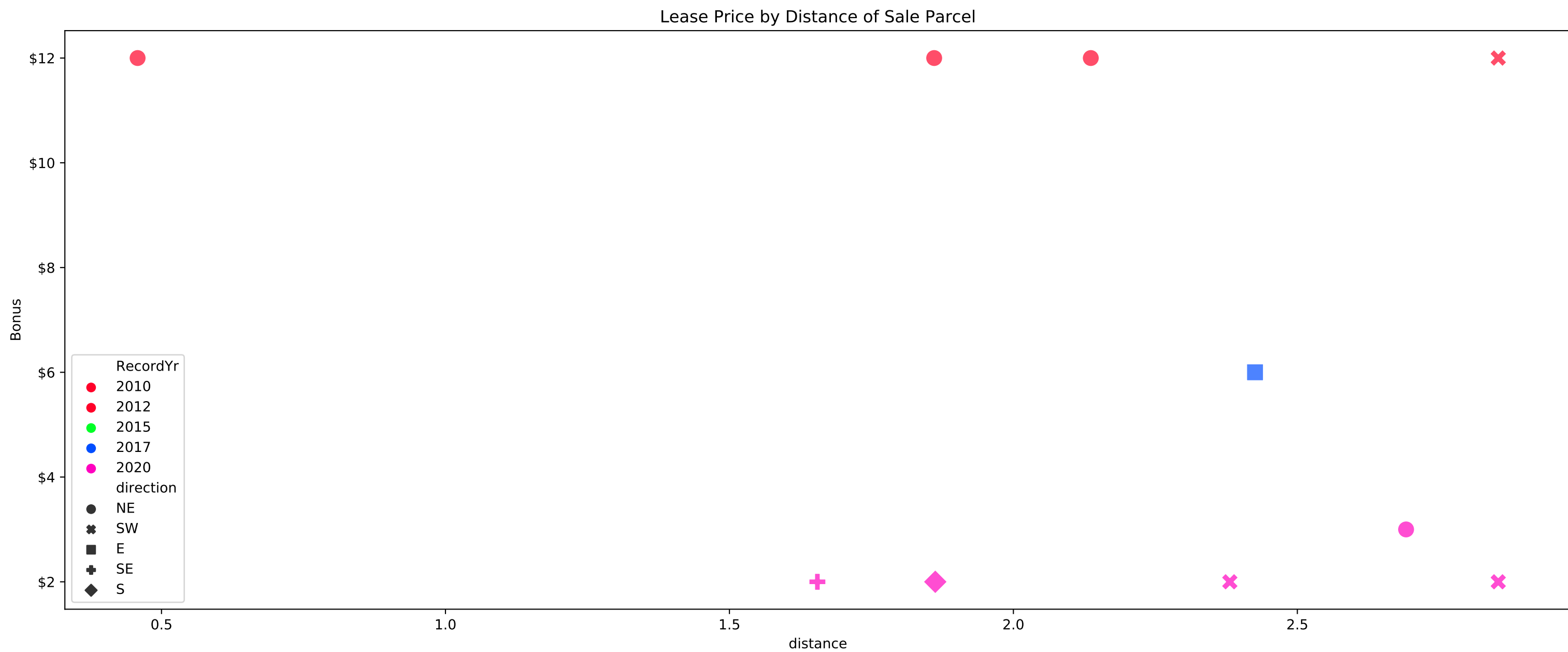
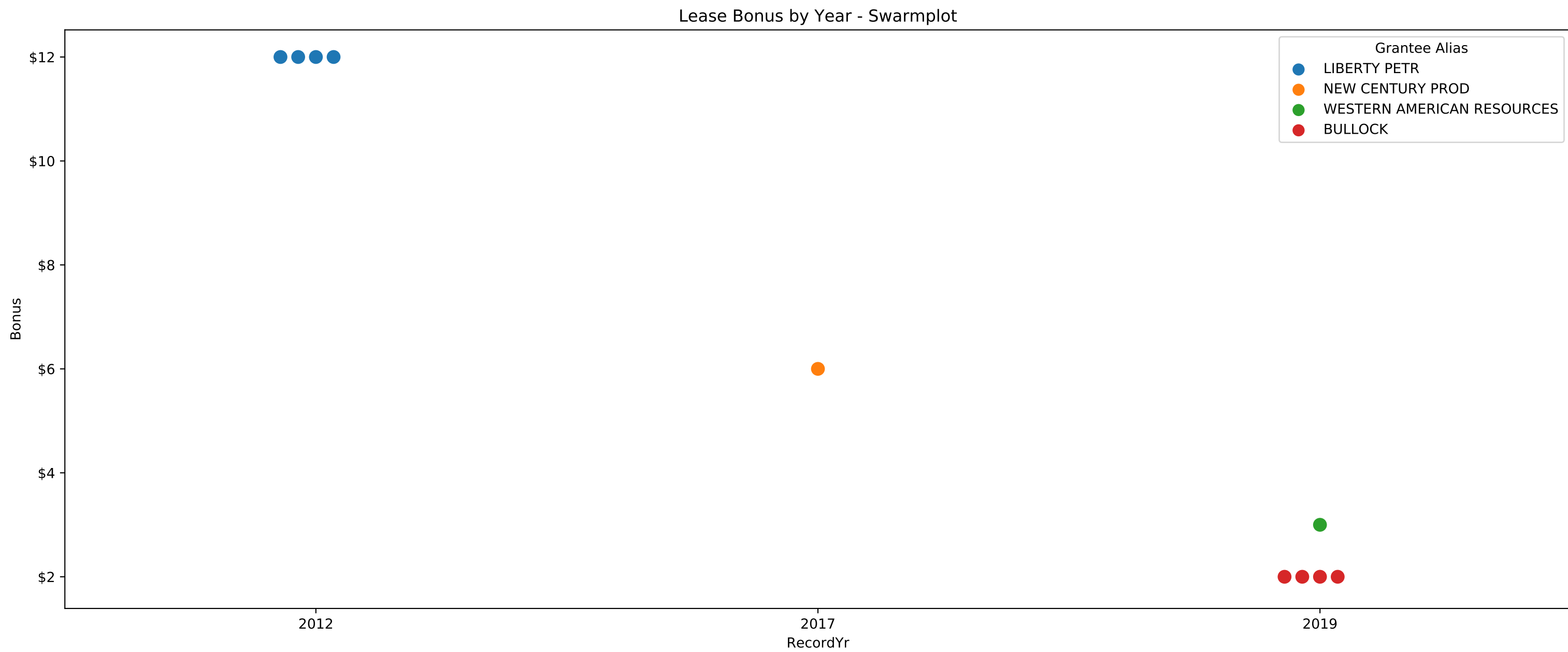
Production Dashboard for tract 72



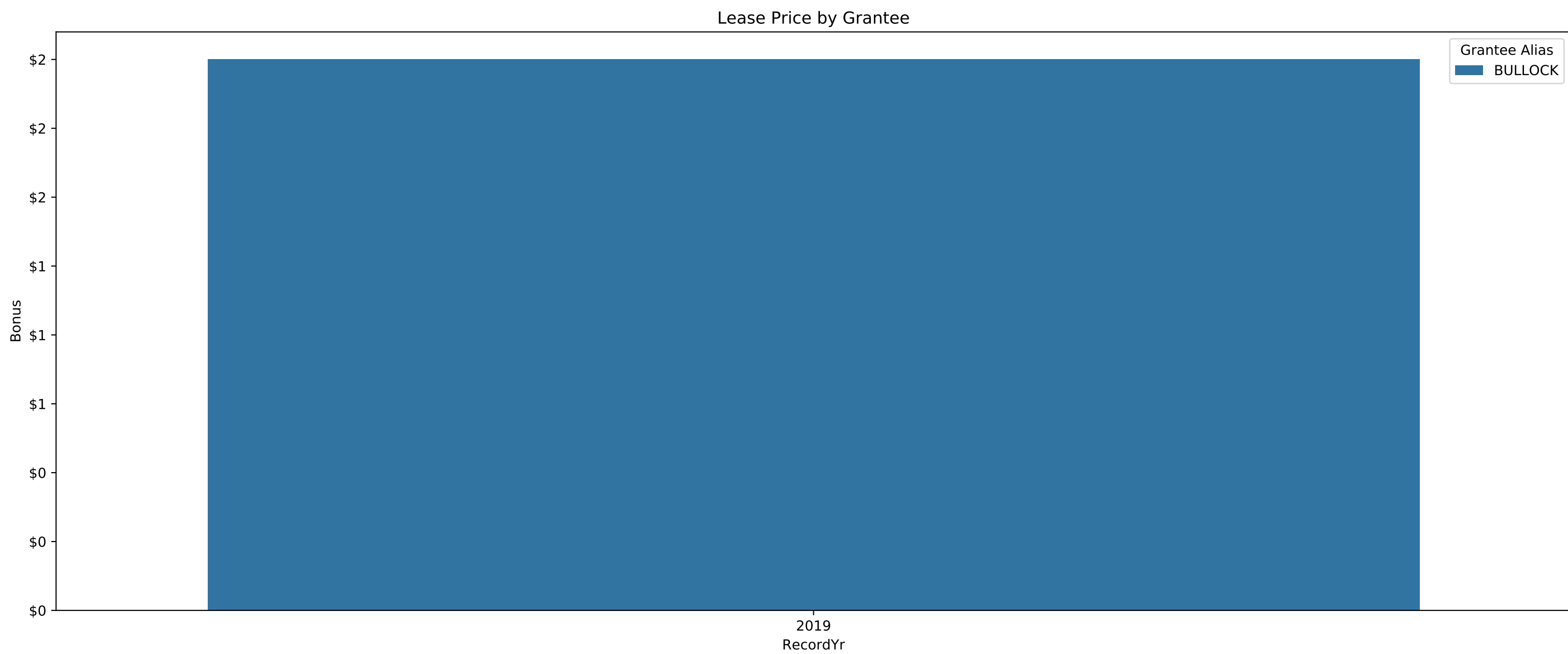
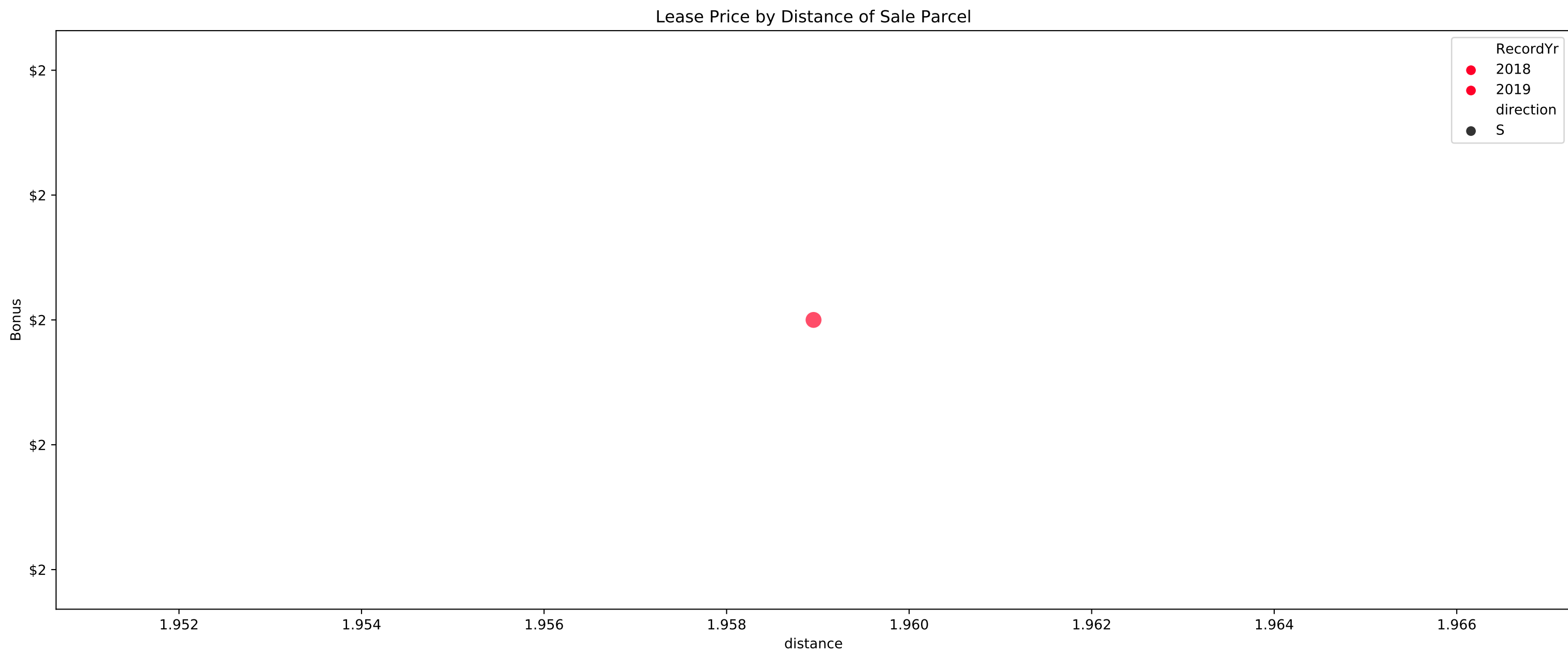
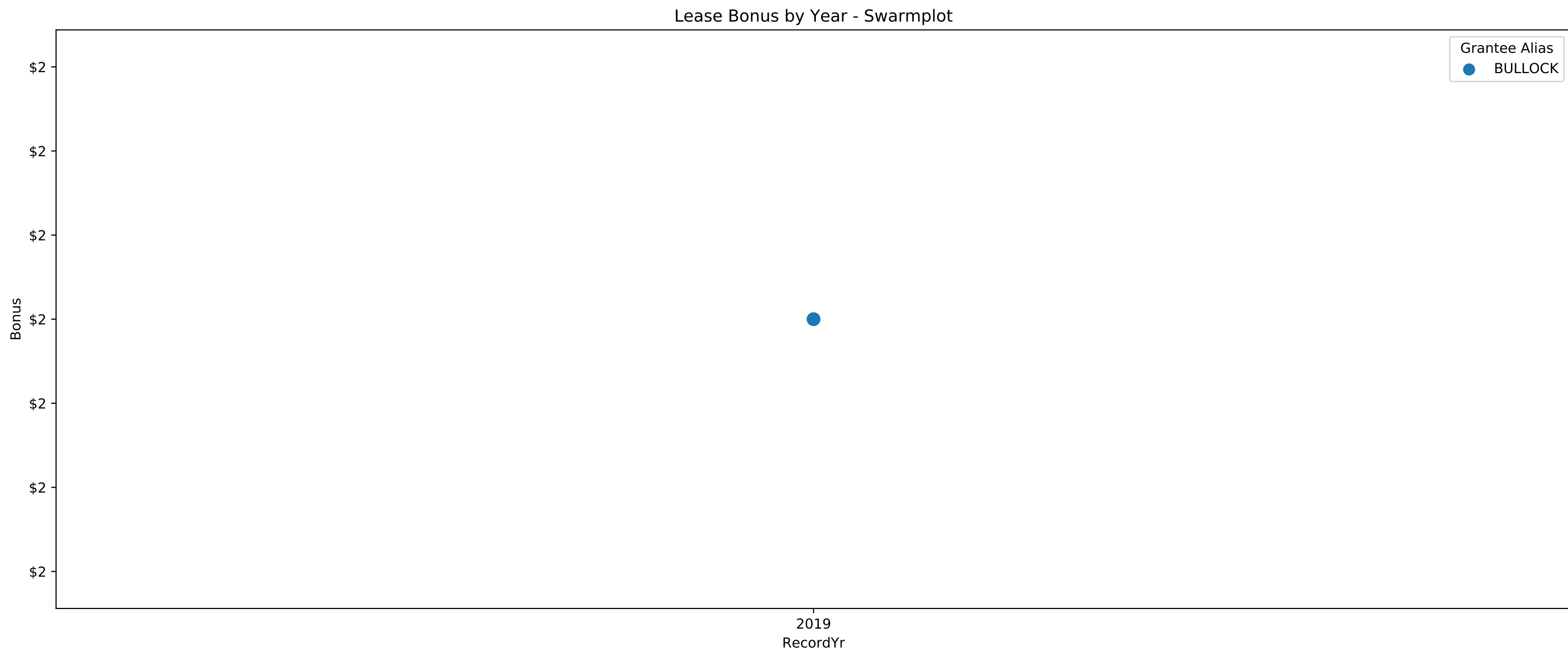
Lease Summary for tract 72
Total Number of Leases: 1
Average Price \$6/acre in 2018



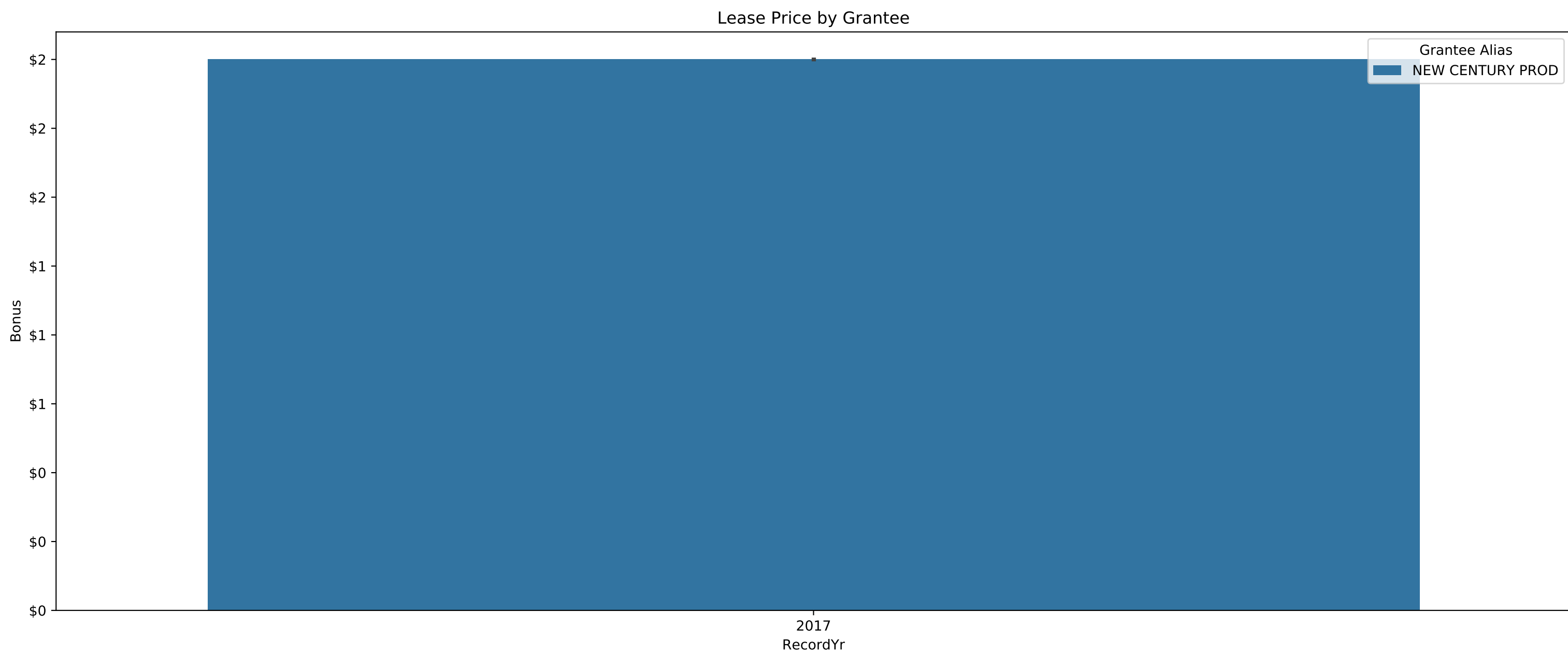
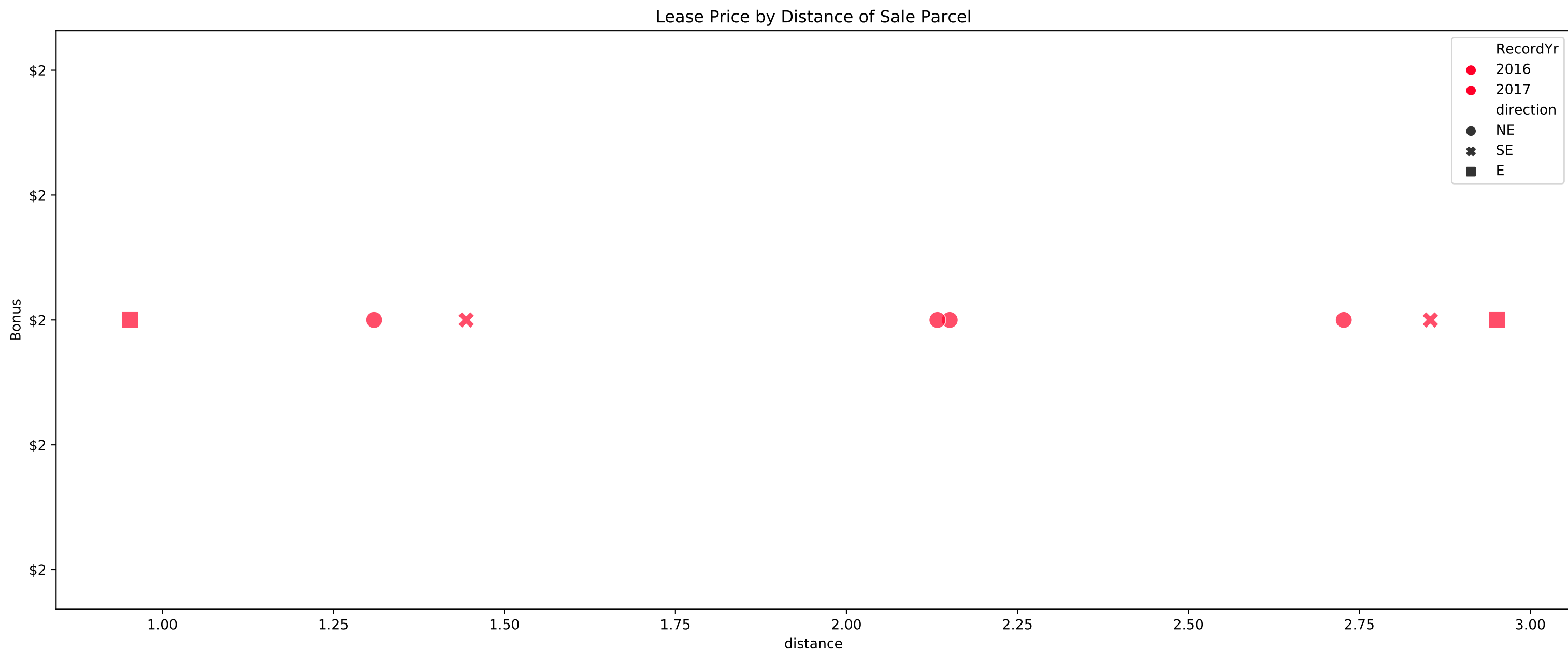
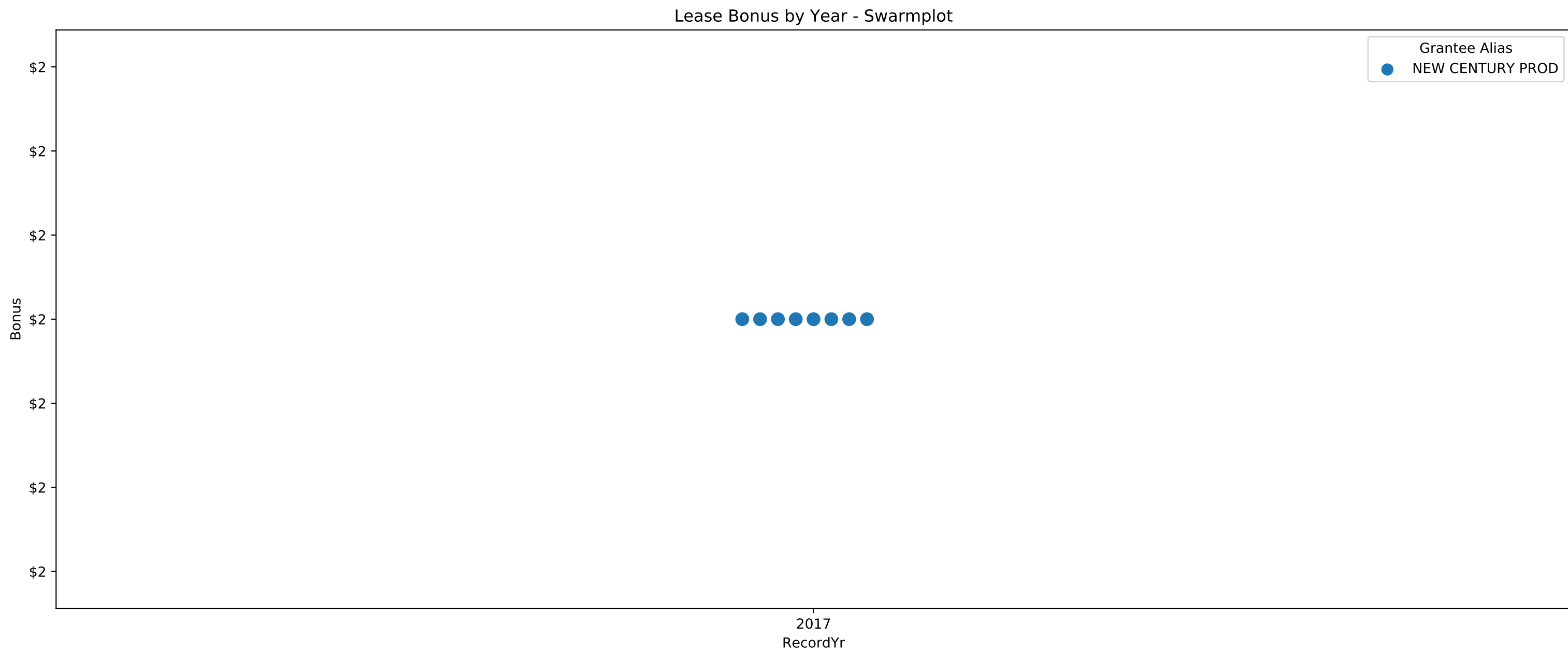
Lease Summary for tract 86
Total Number of Leases: 10
Average Price \$2/acre in 2019



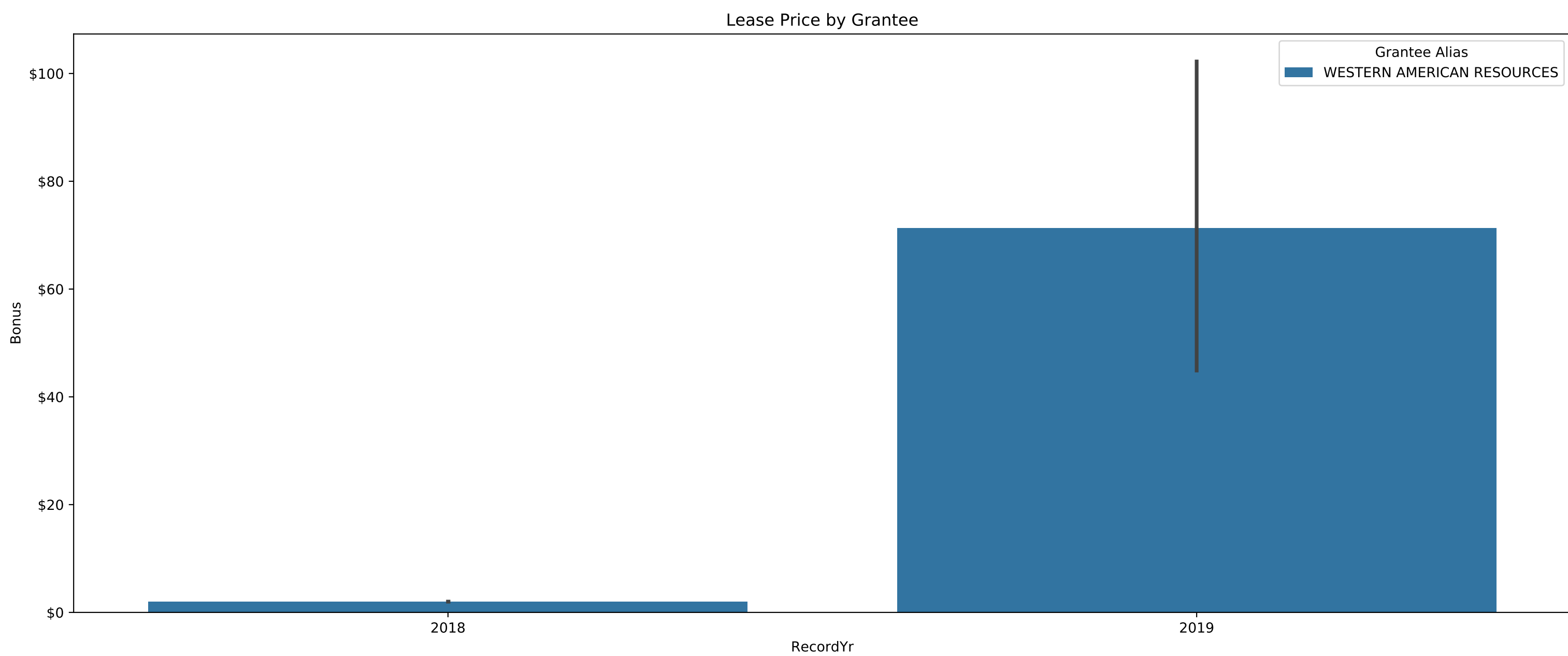
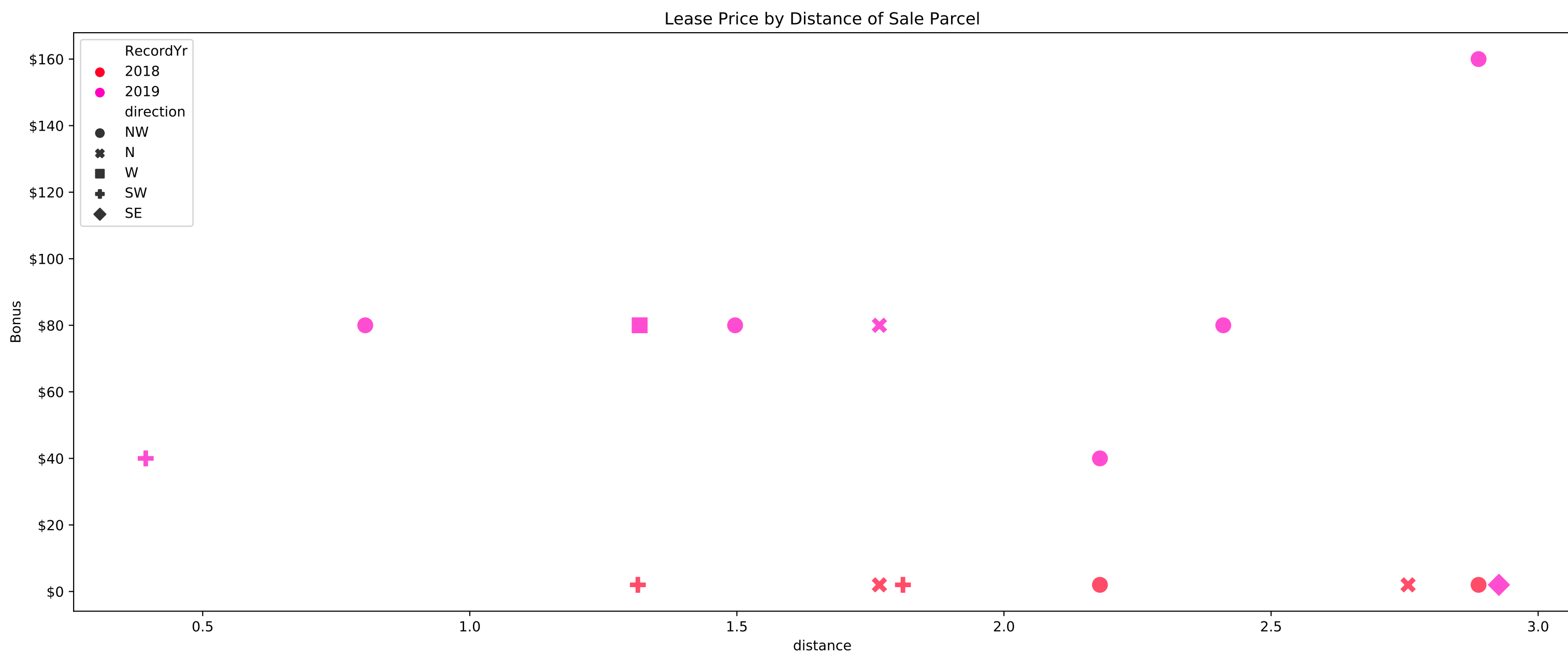
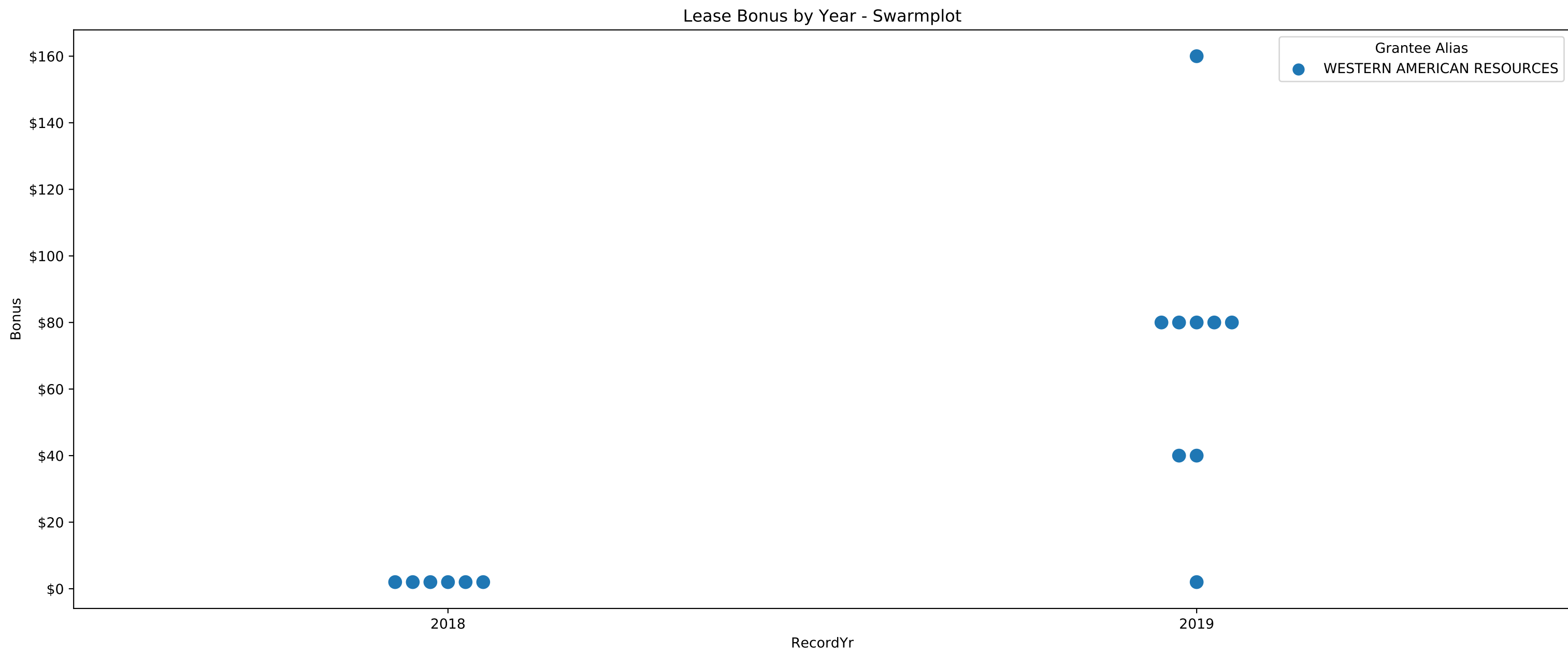
Lease Summary for tract 83
Total Number of Leases: 1
Average Price \$2/acre in 2019



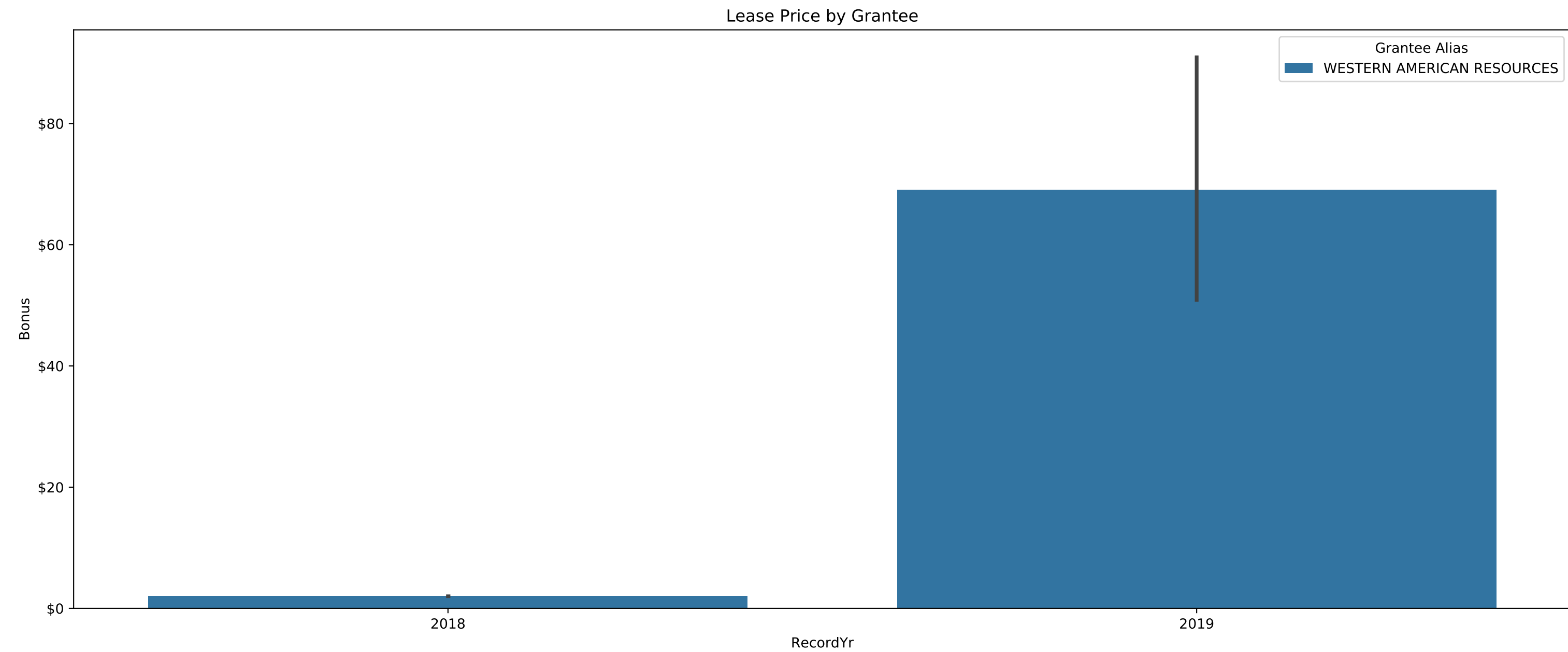
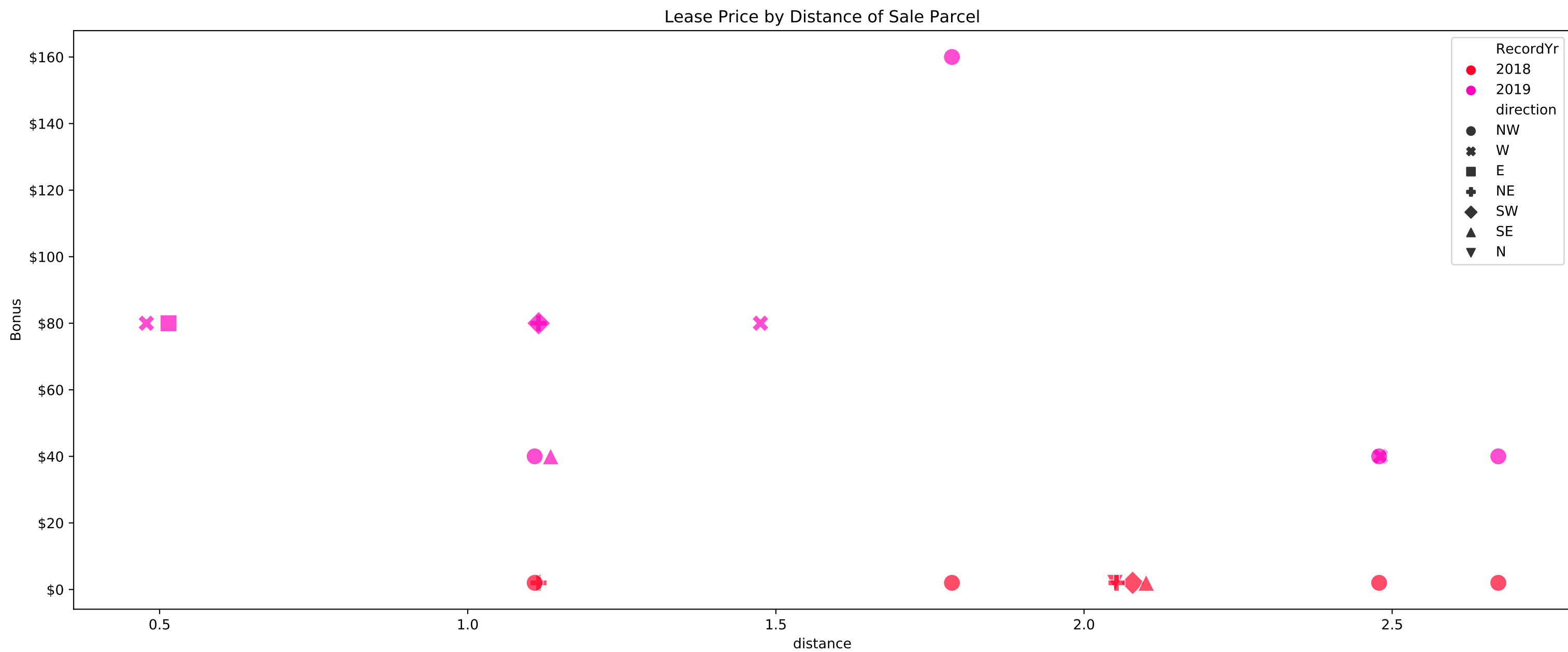
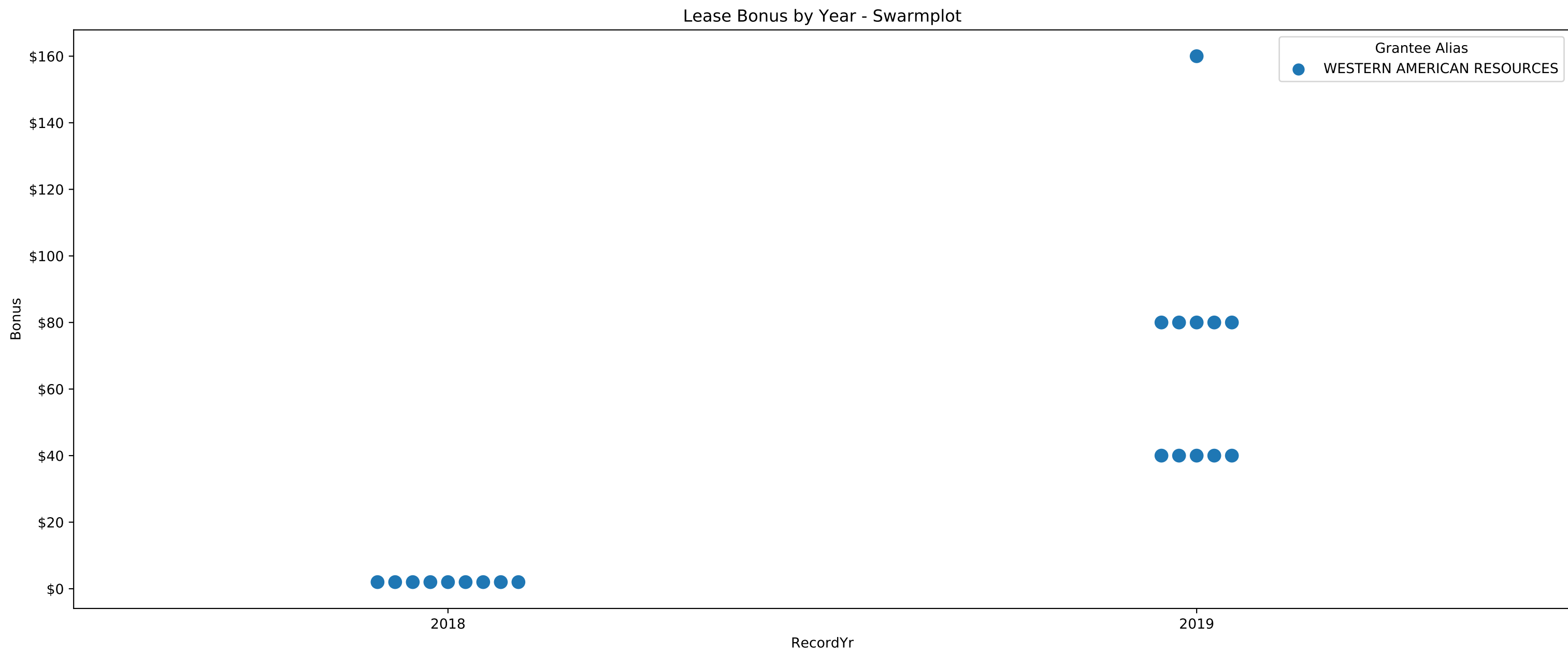
Lease Summary for tract 87
Total Number of Leases: 8
Average Price \$2/acre in 2017



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



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



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

