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Intent ☐ As Drilled ☒

JUN 24 2019

API #
30-015-44353

DISTRICT II-ARTESIA O.C.D.

Operator Name: Chevron USA Inc. (4323)	Property Name: CICADA UNIT	Well Number 15H
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Kick Off Point (KOP)

UL M	Section 3	Township 26S	Range 27E	Lot	Feet 264	From N/S SOUTH	Feet 833	From E/W WEST	County EDDY
Latitude 32.064732					Longitude -104.184267			NAD NAD83/86	

First Take Point (FTP)

UL D	Section 10	Township 26S	Range 27E	Lot	Feet 348	From N/S NORTH	Feet 1,182	From E/W WEST	County EDDY
Latitude 32.063036					Longitude -104.183127			NAD NAD83/86	

Last Take Point (LTP)

UL M	Section 15	Township 26S	Range 27E	Lot	Feet 475	From N/S SOUTH	Feet 1,161	From E/W WEST	County EDDY
Latitude 32.036195					Longitude -104.182758			NAD NAD83/86	

Is this well the defining well for the Horizontal Spacing Unit?

☐ N

Is this well an infill well?

☐ Y

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #
30-015-44367

Operator Name: Chevron USA Inc. (4323)	Property Name: CICADA UNIT	Well Number 13H
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KZ 06/29/2018

Well Name: HH SO 10 15 FED 002 4H

Latitude (°): 32° 3' 52.596" N

Directional Typ: Horizontal

Bottom Hole Location

Northing (Y) (ft):

Lease: HH SO 10 15 Fed 002

Longitude (°): 104° 11' 1.586" W

Min KO Depth (ftKB): 9,246.0

Field Name: Purple Sage

API: 3001544353

Min KO Depth (TVD) (ftKB): 9,218.6

Wellbore ChevNo: PM0792-00

Total Depth (ftKB): 20,267.00

TD Date: 2018/08/02

Easting (X) (ft):

UTM Grid Zone:

Latitude (°):

Longitude (°):

Closure Dir (°): 10,586.00

Directional Surveys

Des: MWD

Planned?: N

Definitive?: N

Note Correction:

Survey Data

Survey Company	Date	MD (ftKB)	TVD (ftKB)	Incl (°)	Azm (°)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)
Phoenix Directional	2/26/2018	276	275.92	2.36	29.13	-2.57	4.96	2.77	0.86	0.86	10.55
Phoenix Directional	2/26/2018	369	368.85	2.2	32.01	-4.16	8.15	4.64	0.21	-0.17	3.1
Phoenix Directional	2/26/2018	443	442.8	2	30.09	-5.3	10.47	6.05	0.29	-0.27	-2.59
Phoenix Directional	3/30/2018	497	496.77	1.99	22.58	-6.23	12.15	6.88	0.48	-0.02	-13.91
Phoenix Directional	3/31/2018	589	588.75	0.66	126.9	-6.61	13.31	7.91	2.44	-1.45	113.39
Phoenix Directional	3/31/2018	682	681.73	1.73	154.22	-4.71	11.72	8.95	1.27	1.15	29.38
Phoenix Directional	3/31/2018	775	774.54	5.28	138.53	0.92	7.25	12.4	3.92	3.82	-16.87
Phoenix Directional	3/31/2018	867	865.96	7.55	125.58	10.78	0.56	20.12	2.91	2.47	-14.08
Phoenix Directional	3/31/2018	962	960.08	8.19	109.88	22.1	-5.37	31.56	2.35	0.67	-16.53
Phoenix Directional	3/31/2018	1,151	1,146.95	9.15	91.52	41.71	-10.35	59.25	1.54	0.51	-9.71
Phoenix Directional	3/31/2018	1,340	1,333.66	8.73	98.88	60.2	-12.96	88.44	0.64	-0.22	3.89
Phoenix Directional	4/1/2018	1,530	1,520.57	11.96	86.43	79.99	-13.96	122.35	2.06	1.7	-6.55
Phoenix Directional	4/1/2018	1,719	1,705.78	11.04	92.04	100.56	-13.39	159.98	0.77	-0.49	2.97
Phoenix Directional	4/1/2018	1,908	1,891.41	10.63	92.34	121.53	-14.74	195.48	0.22	-0.22	0.16
Phoenix Directional	4/1/2018	2,098	2,077.92	11.36	93.47	143.3	-16.59	231.67	0.4	0.38	0.59
Phoenix Directional	4/1/2018	2,287	2,264.26	7.79	92.51	162.25	-18.28	263.06	1.89	-1.89	-0.51
Phoenix Directional	4/1/2018	2,476	2,451.71	6.89	93.26	176.74	-19.48	287.17	0.48	-0.48	0.4
Phoenix Directional	4/1/2018	2,666	2,640.39	6.64	92.02	190.1	-20.52	309.53	0.15	-0.13	-0.65
Phoenix Directional	4/1/2018	2,856	2,829.43	4.8	91.89	201.22	-21.17	328.46	0.97	-0.97	-0.07
Phoenix Directional	4/1/2018	3,046	3,019.15	1.49	31.72	204.87	-19.33	337.7	2.24	-1.74	-31.67
Phoenix Directional	4/2/2018	3,235	3,208.11	1.64	287.4	201.74	-16.43	336.41	1.31	0.08	-55.2
Phoenix Directional	4/2/2018	3,424	3,397.09	0.72	161.78	200.77	-16.75	334.2	1.13	-0.49	-66.47
Phoenix Directional	4/2/2018	3,613	3,586.07	0.78	153.9	203.19	-19.03	335.14	0.06	0.03	-4.17
Phoenix Directional	4/2/2018	3,803	3,776.06	0.67	165.27	205.52	-21.27	335.99	0.1	-0.06	5.98
Phoenix Directional	4/2/2018	3,992	3,965.04	0.92	155.25	208.06	-23.71	336.91	0.15	0.13	-5.3
Phoenix Directional	4/2/2018	4,181	4,154.01	1.12	158.72	211.36	-26.81	338.22	0.11	0.11	1.84
Phoenix Directional	4/2/2018	4,371	4,343.99	0.67	276.42	212.45	-28.42	337.79	0.82	-0.24	61.95
Phoenix Directional	4/2/2018	4,560	4,532.98	0.83	244.2	211.54	-28.89	335.45	0.23	0.08	-17.05
Phoenix Directional	4/2/2018	4,749	4,721.96	0.75	230.99	211.45	-30.27	333.26	0.1	-0.04	-6.99
Phoenix Directional	4/2/2018	4,938	4,910.94	1.1	219.15	212.08	-32.45	331.15	0.21	0.19	-6.26
Phoenix Directional	4/3/2018	5,127	5,099.90	1.23	221.63	213.11	-35.37	328.66	0.07	0.07	1.31
Phoenix Directional	4/3/2018	5,316	5,288.88	1.13	71.77	214.12	-36.31	329.08	1.21	-0.05	-79.29
Phoenix Directional	4/3/2018	5,505	5,477.85	0.94	70.56	215.02	-35.21	332.32	0.1	-0.1	-0.64
Phoenix Directional	4/3/2018	5,694	5,666.83	0.59	92.84	215.99	-34.74	334.75	0.24	-0.19	11.79
Phoenix Directional	4/3/2018	5,789	5,761.83	0.44	117.1	216.6	-34.93	335.56	0.28	-0.16	25.54
Phoenix Directional	4/4/2018	5,978	5,950.83	0.33	206.24	217.51	-35.75	335.97	0.29	-0.06	47.16
Phoenix Directional	4/4/2018	6,168	6,140.82	0.75	308.38	216.6	-35.47	334.75	0.46	0.22	53.76
Phoenix Directional	4/5/2018	6,357	6,329.81	0.78	314.21	214.16	-33.8	332.86	0.04	0.02	3.08
Phoenix Directional	4/5/2018	6,546	6,518.80	0.35	305.71	212.36	-32.57	331.47	0.23	-0.23	-4.5
Phoenix Directional	4/5/2018	6,735	6,707.79	0.35	273.77	211.46	-32.19	330.42	0.1	0	-16.9
Phoenix Directional	4/5/2018	6,925	6,897.79	0.52	159.55	211.94	-32.96	330.15	0.39	0.09	-60.12
Phoenix Directional	4/5/2018	7,114	7,086.79	0.31	353.49	212.32	-33.26	330.39	0.44	-0.11	-87.86
Phoenix Directional	4/6/2018	7,304	7,276.78	0.42	271.03	211.47	-32.74	329.63	0.26	0.06	-43.4
Phoenix Directional	4/6/2018	7,493	7,465.78	0.51	254.43	210.81	-32.95	328.13	0.09	0.05	-8.78
Phoenix Directional	4/6/2018	7,682	7,654.77	0.57	228.93	210.66	-33.79	326.61	0.13	0.03	-13.49
Phoenix Directional	4/6/2018	7,871	7,843.76	0.33	183.13	211.2	-34.95	325.87	0.22	-0.13	-24.23
Phoenix Directional	4/6/2018	8,060	8,032.76	0.37	152.16	212.25	-36.04	326.13	0.1	0.02	-16.39
Phoenix Directional	4/7/2018	8,249	8,221.76	0.25	211.57	213.02	-36.93	326.2	0.17	-0.06	31.43
Phoenix Directional	4/7/2018	8,409	8,381.76	0.48	280.67	212.7	-37.1	325.36	0.28	0.14	43.19
Phoenix Directional	4/7/2018	8,419	8,391.76	0.61	281.21	212.63	-37.08	325.26	1.3	1.3	5.4
Phoenix Directional	4/7/2018	8,531	8,503.75	0.93	278.01	211.6	-36.84	323.78	0.29	0.29	-2.86
Phoenix Directional	4/7/2018	8,625	8,597.73	1.12	287.4	210.37	-36.46	322.15	0.27	0.2	9.99
Phoenix Directional	4/7/2018	8,720	8,692.71	1.19	286.42	208.88	-35.9	320.31	0.08	0.07	-1.03
Phoenix Directional	4/7/2018	8,815	8,787.69	1.03	276.32	207.57	-35.53	318.52	0.27	-0.17	-10.63
Phoenix Directional	4/7/2018	8,909	8,881.68	0.75	268.91	206.69	-35.45	317.06	0.32	-0.3	-7.88
Phoenix Directional	4/7/2018	9,003	8,975.67	0.75	263.34	206.07	-35.53	315.84	0.08	0	-5.93
Phoenix Directional	4/7/2018	9,098	9,070.67	0.64	248	205.68	-35.8	314.73	0.23	-0.12	-16.15
Phoenix Directional	4/7/2018	9,192	9,164.66	0.55	252.82	205.44	-36.13	313.81	0.11	-0.1	5.13
Phoenix Directional	4/7/2018	9,287	9,259.54	4.9	164.65	209.15	-40.18	314.45	5.17	4.58	-92.81
Phoenix Directional	4/7/2018	9,334	9,306.16	9.54	173.14	214.52	-45.99	315.45	10.1	9.87	18.06
Phoenix Directional	4/7/2018	9,381	9,351.96	16.13	172.65	223.83	-56.34	316.75	14.02	14.02	-1.04
Phoenix Directional	4/7/2018	9,428	9,396.32	22.34	171.19	237.77	-71.66	318.95	13.25	13.21	-3.11
Phoenix Directional	4/7/2018	9,476	9,439.94	26.91	170.93	255.88	-91.41	322.07	9.52	9.52	-0.54
Phoenix Directional	4/7/2018	9,523	9,481.21	30.21	172.7	276.09	-113.65	325.25	7.25	7.02	3.77
Phoenix Directional	4/7/2018	9,570	9,521.48	31.88	175.22	297.49	-137.75	327.78	4.5	3.55	5.36
Phoenix Directional	4/7/2018	9,664	9,599.73	35.4	176.27	342.69	-189.67	331.62	3.8	3.74	1.12
Phoenix Directional	4/7/2018	9,711	9,636.95	39.83	175.76	367.52	-218.28	333.62	9.45	9.43	-1.09
Phoenix Directional	4/7/2018	9,759	9,672.76	43.67	177.21	395.05	-250.18	335.57	8.25	8	3.02
Phoenix Directional	4/7/2018	9,806	9,705.81	46.93	178.46	423.42	-283.55	336.82	7.19	6.94	2.66
Phoenix Directional	4/7/2018	9,853	9,736.77	50.65	178.37	453.27	-318.89	337.8	7.92	7.91	-0.19
Phoenix Directional	4/7/2018	9,900	9,765.33	54.48	177.9	484.87	-356.19	339.02	8.19	8.15	-1
Phoenix Directional	4/7/2018	9,948	9,791.16	60.38	176.04	519.54	-396.56	341.17	12.72	12.29	-3.88
Phoenix Directional	4/7/2018	9,995	9,812.36	65.98	175.49	555.94	-438.37	344.27	11.96	11.91	-1.17
Phoenix Directional	4/7/2018	10,043	9,830.90	68.59	175.63	594.45	-482.51	347.7	5.44	5.44	0.29
Phoenix Directional	4/7/2018	10,090	9,847.60	69.76	176.12	632.54	-526.33	350.86	2.67	2.49	1.04
Phoenix Directional	4/7/2018	10,137	9,862.15	74.18	177.01	671.01	-570.93	353.53	9.57	9.4	1.89
Phoenix Directional	4/7/2018	10,184	9,872.75	79.73	179.06	709.81	-616.67	355.09	12.55	11.81	4.36

Phoenix Directional	4/7/2018	10,232	9,878.97	85.39	179.55	749.57	-664.24	355.67	11.83	11.79	1.02
Phoenix Directional	4/7/2018	10,326	9,882.85	89.87	183.39	826.02	-758.09	353.26	6.27	4.77	4.09
Phoenix Directional	4/7/2018	10,516	9,883.19	89.93	181.18	979.17	-947.92	345.68	1.16	0.03	-1.16
Phoenix Directional	4/7/2018	10,611	9,883.21	90.04	178.53	1,058.05	-1,042.91	345.92	2.79	0.12	-2.79
Phoenix Directional	4/7/2018	10,705	9,881.96	91.49	177.35	1,137.81	-1,136.84	349.3	1.99	1.54	-1.26
Phoenix Directional	4/7/2018	10,800	9,880.37	90.42	174.88	1,219.97	-1,231.60	355.74	2.83	-1.13	-2.6
Phoenix Directional	4/7/2018	10,895	9,881.12	88.68	175.78	1,302.78	-1,326.28	363.47	2.06	-1.83	0.95
Phoenix Directional	4/7/2018	10,990	9,880.21	92.41	180.25	1,383.30	-1,421.18	366.76	6.13	3.93	4.71
Phoenix Directional	4/7/2018	11,085	9,874.66	94.29	181.29	1,461.20	-1,516.00	365.49	2.26	1.98	1.09
Phoenix Directional	4/7/2018	11,179	9,870.20	91.15	181.85	1,537.56	-1,609.85	362.91	3.39	-3.34	0.6
Phoenix Directional	4/7/2018	11,274	9,870.30	88.73	179.3	1,615.77	-1,704.83	361.96	3.7	-2.55	-2.68
Phoenix Directional	4/7/2018	11,368	9,873.71	87.11	177.6	1,695.03	-1,798.72	364.5	2.5	-1.72	-1.81
Phoenix Directional	4/7/2018	11,463	9,874.23	92.27	178.16	1,775.68	-1,893.62	368.01	5.46	5.43	0.59
Phoenix Directional	4/7/2018	11,558	9,876.99	84.4	176.93	1,856.54	-1,988.42	372.08	8.38	-8.28	-1.29
Phoenix Directional	4/7/2018	11,652	9,884.74	86.14	176.76	1,936.96	-2,081.95	377.23	1.86	1.85	-0.18
Phoenix Directional	4/7/2018	11,747	9,888.66	89.13	176.53	2,018.62	-2,176.70	382.79	3.16	3.15	-0.24
Phoenix Directional	4/7/2018	11,841	9,888.61	90.93	180.08	2,098.05	-2,270.64	385.57	4.23	1.91	3.78
Phoenix Directional	4/7/2018	11,936	9,889.27	88.27	180.55	2,176.51	-2,365.63	385.04	2.84	-2.8	0.49
Phoenix Directional	4/7/2018	12,031	9,891.54	88.99	180.66	2,254.68	-2,460.59	384.04	0.77	0.76	0.12
Phoenix Directional	4/7/2018	12,125	9,894.44	87.48	179.75	2,332.38	-2,554.55	383.7	1.88	-1.61	-0.97
Phoenix Directional	4/7/2018	12,220	9,897.15	89.25	179.31	2,411.54	-2,649.50	384.48	1.92	1.86	-0.46
Phoenix Directional	4/7/2018	12,350	9,900.51	87.79	177.73	2,521.11	-2,779.41	387.84	1.65	-1.12	-1.22
Phoenix Directional	4/7/2018	12,445	9,902.11	90.28	175.66	2,602.78	-2,874.22	393.31	3.41	2.62	-2.18
Phoenix Directional	4/7/2018	12,539	9,901.58	90.36	177.28	2,683.79	-2,968.04	399.1	1.73	0.09	1.72
Phoenix Directional	4/7/2018	12,634	9,900.91	90.45	175.24	2,765.84	-3,062.83	405.3	2.15	0.09	-2.15
Phoenix Directional	7/23/2018	12,824	9,892.62	94.55	180.39	2,927.06	-3,252.40	412.54	3.46	2.16	2.71
Phoenix Directional	7/23/2018	12,919	9,884.74	94.96	181.78	3,004.53	-3,347.06	410.75	1.52	0.43	1.46
Phoenix Directional	7/23/2018	13,014	9,879.81	90.99	182.26	3,081.24	-3,441.85	407.41	4.21	-4.18	0.51
Phoenix Directional	7/23/2018	13,109	9,878.29	90.85	182.09	3,157.92	-3,536.77	403.8	0.23	-0.15	-0.18
Phoenix Directional	7/23/2018	13,203	9,876.08	91.84	181.36	3,234.21	-3,630.70	400.97	1.31	1.05	-0.78
Phoenix Directional	7/23/2018	13,298	9,875.19	89.24	180.23	3,312.21	-3,725.68	399.66	2.98	-2.74	-1.19
Phoenix Directional	7/23/2018	13,393	9,877.06	88.5	179.27	3,391.19	-3,820.66	400.07	1.28	-0.78	-1.01
Phoenix Directional	7/23/2018	13,488	9,877.71	90.72	177.74	3,471.29	-3,915.61	402.55	2.84	2.34	-1.61
Phoenix Directional	7/23/2018	13,582	9,875.68	91.75	178.04	3,551.09	-4,009.53	406.01	1.14	1.1	0.32
Phoenix Directional	7/23/2018	13,677	9,872.19	92.46	177.66	3,631.73	-4,104.39	409.57	0.85	0.75	-0.4
Phoenix Directional	7/23/2018	13,772	9,867.91	92.7	176.96	3,712.81	-4,199.19	414.03	0.78	0.25	-0.74
Phoenix Directional	7/24/2018	13,867	9,863.72	92.36	176.43	3,794.42	-4,293.94	419.5	0.66	-0.36	-0.56
Phoenix Directional	7/24/2018	13,961	9,860.18	91.96	175.77	3,875.69	-4,387.66	425.89	0.82	-0.43	-0.7
Phoenix Directional	7/24/2018	14,056	9,859.91	88.36	174.37	3,958.70	-4,482.29	434.05	4.07	-3.79	-1.47
Phoenix Directional	7/24/2018	14,151	9,860.00	91.53	176.15	4,041.57	-4,576.95	441.9	3.83	3.34	1.87
Phoenix Directional	7/24/2018	14,246	9,860.17	88.27	174.2	4,124.50	-4,671.59	449.89	4	-3.43	-2.05
Phoenix Directional	7/24/2018	14,341	9,860.12	91.79	176.72	4,207.20	-4,766.27	457.4	4.56	3.71	2.65
Phoenix Directional	7/24/2018	14,435	9,856.44	92.7	178.66	4,287.11	-4,860.12	461.19	2.28	0.97	2.06
Phoenix Directional	7/24/2018	14,530	9,852.72	91.78	180.6	4,366.15	-4,955.04	461.8	2.26	-0.97	2.04
Phoenix Directional	7/24/2018	14,624	9,851.22	90.05	179.98	4,443.80	-5,049.02	461.33	1.96	-1.84	-0.66
Phoenix Directional	7/24/2018	14,719	9,850.58	90.73	180.32	4,522.42	-5,144.02	461.08	0.8	0.72	0.36
Phoenix Directional	7/24/2018	14,814	9,848.83	91.38	180.85	4,600.61	-5,239.00	460.11	0.88	0.68	0.56
Phoenix Directional	7/24/2018	14,908	9,845.87	92.22	180.96	4,677.66	-5,332.94	458.63	0.9	0.89	0.12
Phoenix Directional	7/25/2018	15,003	9,844.50	89.44	180.19	4,755.87	-5,427.91	457.67	3.04	-2.93	-0.81
Phoenix Directional	7/25/2018	15,098	9,845.05	89.9	179.88	4,834.59	-5,522.91	457.61	0.58	0.48	-0.33
Phoenix Directional	7/25/2018	15,193	9,843.90	91.48	179.95	4,913.42	-5,617.90	457.76	1.66	1.66	0.07
Phoenix Directional	7/25/2018	15,287	9,841.06	91.99	180.34	4,991.18	-5,711.86	457.52	0.68	0.54	0.41
Phoenix Directional	7/25/2018	15,382	9,837.24	92.61	178.97	5,070.19	-5,806.78	458.09	1.58	0.65	-1.44
Phoenix Directional	7/25/2018	15,477	9,831.65	94.14	178.71	5,149.87	-5,901.59	460.01	1.63	1.61	-0.27
Phoenix Directional	7/25/2018	15,572	9,824.26	94.78	178.25	5,229.77	-5,996.27	462.52	0.83	0.67	-0.48
Phoenix Directional	7/25/2018	15,667	9,817.54	93.33	178.06	5,309.99	-6,090.98	465.57	1.54	-1.53	-0.2
Phoenix Directional	7/25/2018	15,761	9,813.04	92.16	180.04	5,388.69	-6,184.85	467.13	2.44	-1.24	2.11
Phoenix Directional	7/25/2018	15,856	9,809.58	92.02	179.72	5,467.50	-6,279.79	467.33	0.37	-0.15	-0.34
Phoenix Directional	7/26/2018	15,950	9,804.50	94.17	180.65	5,545.14	-6,373.64	467.02	2.49	0.29	0.99
Phoenix Directional	7/26/2018	16,045	9,801.39	89.59	177.37	5,624.74	-6,468.54	468.67	5.93	-4.82	-3.45
Phoenix Directional	7/26/2018	16,140	9,800.80	91.12	177.65	5,705.72	-6,563.44	472.79	1.64	1.61	0.29
Phoenix Directional	7/26/2018	16,235	9,797.73	92.58	178.53	5,786.17	-6,658.34	475.96	1.79	1.54	0.93
Phoenix Directional	7/26/2018	16,329	9,792.38	93.95	181.3	5,864.04	-6,752.17	476.1	3.28	1.46	2.95
Phoenix Directional	7/26/2018	16,424	9,784.15	95.98	182.14	5,940.87	-6,846.77	473.26	2.31	2.14	0.88
Phoenix Directional	7/26/2018	16,519	9,775.51	94.46	182.66	6,017.02	-6,941.29	469.3	1.69	-1.6	0.55
Phoenix Directional	7/26/2018	16,614	9,767.69	94.99	181.48	6,093.54	-7,035.90	465.88	1.36	0.56	-1.24
Phoenix Directional	7/27/2018	16,709	9,761.62	92.33	184.06	6,169.47	-7,130.58	461.29	3.9	-2.8	2.72
Phoenix Directional	7/27/2018	16,803	9,760.21	89.39	184.59	6,243.20	-7,224.29	454.21	3.18	-3.13	0.56
Phoenix Directional	7/27/2018	16,898	9,763.45	86.7	183.77	6,317.82	-7,318.97	447.29	2.96	-2.83	-0.86
Phoenix Directional	7/27/2018	16,992	9,769.23	86.25	182.64	6,392.55	-7,412.65	442.04	1.29	-0.48	-1.2
Phoenix Directional	7/27/2018	17,087	9,775.29	86.44	182.57	6,468.66	-7,507.36	437.73	0.21	0.2	-0.07
Phoenix Directional	7/27/2018	17,182	9,780.21	87.62	181.7	6,545.28	-7,602.16	434.2	1.54	1.24	-0.92
Phoenix Directional	7/28/2018	17,276	9,783.79	88.02	180.06	6,622.33	-7,696.08	432.76	1.79	0.43	-1.74
Phoenix Directional	7/28/2018	17,371	9,785.61	89.78	177.66	6,702.11	-7,791.03	434.65	3.13	1.85	-2.53
Phoenix Directional	7/28/2018	17,466	9,784.90	91.08	178.46	6,782.62	-7,885.97	437.86	1.61	1.37	0.84
Phoenix Directional	7/28/2018	17,560	9,783.58	90.52	177.76	6,862.23	-7,979.91	440.96	0.95	-0.6	-0.74
Phoenix Directional	7/28/2018	17,654	9,782.08	91.31	177.55	6,942.23	-8,073.82	444.81	0.87	0.84	-0.22
Phoenix Directional	7/28/2018	17,749	9,780.44	90.67	176.43	7,023.66	-8,168.67	449.79	1.36	-0.67	-1.18
Phoenix Directional	7/28/2018	17,844	9,778.68	91.46	176.2	7,105.65	-8,263.46	455.9	0.87	0.83	-0.24
Phoenix Directional	7/28/2018	17,939	9,775.65	92.19	176.39	7,187.64	-8,358.21	462.04	0.79	0.77	0.2
Phoenix Directional	7/29/2018	18,034	9,772.21	91.96	178.17	7,268.77	-8,453.04	466.54	1.89	-0.24	1.87
Phoenix Directional	7/29/2018	18,128	9,771.09	89.41	178.77	7,348.06	-8,546.99	469.05	2.79	-2.71	0.64
Phoenix Directional	7/29/2018	18,223	9,771.85	89.67	178.84	7,427.91	-8,641.97	471.03	0.28	0.27	0.07
Phoenix Directional	7/29/2018	18,317	9,771.68	90.53	179.15	7,506.75	-8,735.95	472.68	0.97	0.91	0.33
Phoenix Directional	7/29/2018	18,412	9,769.91	91.61	179.61	7,586.06	-8,830.93	473.71	1.24	1.14	0.48
Phoenix Directional	7/29/2018	18,507	9,764.77	94.59	180.61	7,664.60	-8,925.77	473.53	3.31	3.14	1.05
Phoenix Directional	7/30/2018	18,601	9,761.51	89.39	182.74	7,740.88	-9,019.64	470.78	5.98	-5.53	2.27

Phoenix Directional	7/30/2018	18,696	9,763.62	88.07	182.08	7,817.31	-9,114.53	466.78	1.55	-1.39	-0.69
Phoenix Directional	7/30/2018	18,790	9,765.95	89.09	181.94	7,893.32	-9,208.44	463.49	1.1	1.09	-0.15
Phoenix Directional	7/30/2018	18,884	9,765.36	91.62	180.16	7,970.27	-9,302.41	461.77	3.29	2.69	-1.89
Phoenix Directional	7/30/2018	18,979	9,761.10	93.52	178.12	8,049.73	-9,397.30	463.19	2.93	2	-2.15
Phoenix Directional	7/30/2018	19,073	9,754.97	93.96	178.37	8,129.06	-9,491.05	466.06	0.54	0.47	0.27
Phoenix Directional	7/30/2018	19,166	9,748.68	93.8	177.68	8,207.72	-9,583.78	469.26	0.76	-0.17	-0.74
Phoenix Directional	7/30/2018	19,261	9,747.58	87.53	177.64	8,288.54	-9,678.65	473.14	6.6	-6.6	-0.04
Phoenix Directional	7/30/2018	19,355	9,751.96	87.12	178.44	8,368.13	-9,772.49	476.35	0.96	-0.44	0.85
Phoenix Directional	7/30/2018	19,450	9,756.32	87.62	179.14	8,447.91	-9,867.37	478.35	0.9	0.53	0.74
Phoenix Directional	7/30/2018	19,545	9,759.85	88.13	179.74	8,527.13	-9,962.30	479.28	0.83	0.54	0.63
Phoenix Directional	7/30/2018	19,640	9,761.40	89.99	179.91	8,606.04	-10,057.28	479.57	1.97	1.96	0.18
Phoenix Directional	7/30/2018	19,735	9,761.26	90.18	179.89	8,684.89	-10,152.28	479.74	0.2	0.2	-0.02
Phoenix Directional	7/30/2018	19,829	9,761.20	89.9	180.44	8,762.67	-10,246.28	479.46	0.66	-0.3	0.59
Phoenix Directional	7/30/2018	19,924	9,760.01	91.53	180.98	8,840.75	-10,341.26	478.29	1.81	1.72	0.57
Phoenix Directional	7/30/2018	20,019	9,756.36	92.87	181.14	8,918.45	-10,436.18	476.53	1.42	1.41	0.17
Phoenix Directional	7/30/2018	20,114	9,752.88	91.33	180.14	8,996.56	-10,531.10	475.47	1.93	-1.62	-1.05
Phoenix Directional	7/30/2018	20,208	9,751.42	90.45	179.14	9,074.81	-10,625.09	476.06	1.42	-0.94	-1.06
Phoenix Directional	7/30/2018	20,257	9,751.04	90.45	179.14	9,115.83	-10,674.08	476.8	0	0	0
Phoenix Directional	7/30/2018	20,267	9,750.96	90.45	179.14	9,124.21	-10,684.08	476.95	0	0	0