



COG Operating LLC

Eddy County, NM (NAD-27 2015)

Clydesdale 1 Fee #8H

API #: 30-015-43387

SHL: 330' FSL, 150' FEL, Sec 1, T19S, R25E, Unit P

PP: 346' FSL, 330' FEL, Sec 1, T19S, R25E, Unit P

BHL: 344' FSL, 368' FWL, Sec 1, T19S, R25E, Unit M

Design: Lateral #1

Standard Survey Report

16 August, 2016

NM OIL CONSERVATION
ARTESIA DISTRICT

NOV 30 2016

RECEIVED





TDS
Survey Report



Company:	COG Operating LLC	Local Co-ordinate Reference:	Well SHL: 330' FSL, 150' FEL, Sec 1, T19S, R25E, Unit P
Project:	Eddy County, NM (NAD-27 2015)	TVD Reference:	KB @ 3407.00usft (Silver Oak 3)
Site:	Clydesdale 1 Fee #8H	MD Reference:	KB @ 3407.00usft (Silver Oak 3)
Well:	SHL: 330' FSL, 150' FEL, Sec 1, T19S, R25E, Unit P	North Reference:	Grid
Wellbore:	BHL: 350' FSL, 350' FWL, Sec 1, T19S, R25E, Unit M	Survey Calculation Method:	Minimum Curvature
Design:	Lateral #1	Database:	EDM 5000.1 Single User Db

Project	Eddy County, NM (NAD-27 2015)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Clydesdale 1 Fee #8H		
Site Position:	Northing:	612,248.10 usft	Latitude: 32° 40' 59.277 N
From: Map	Easting:	470,368.20 usft	Longitude: 104° 25' 46.712 W
Position Uncertainty:	0.00 usft	Slot Radius: 13.20 in	Grid Convergence: -0.05 °

Well	SHL: 330' FSL, 150' FEL, Sec 1, T19S, R25E, Unit P		
Well Position	+N/-S	0.00 usft	Northing: 612,248.10 usft
	+E/-W	0.00 usft	Easting: 470,368.20 usft
Position Uncertainty	0.00 usft	Wellhead Elevation: 0.00 usft	Ground Level: 3,389.00 usft

Wellbore	BHL: 350' FSL, 350' FWL, Sec 1, T19S, R25E, Unit M				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/9/2016	7.48	60.35	48,214

Design	Lateral #1			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	270.55

Survey Program	Date	8/16/2016		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
122.00	7,679.00	TDS MWD Survey #1 (BHL: 350' FSL, 350	MWD	MWD - Standard

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.00	1.10	70.50	121.99	0.39	1.10	-1.10	0.90	0.90	0.00
First TDS MWD Survey									
156.00	1.20	76.30	155.99	0.58	1.76	-1.75	0.45	0.29	17.06
247.00	2.20	81.60	246.94	1.07	4.41	-4.40	1.11	1.10	5.82
337.00	3.50	84.70	336.83	1.57	8.86	-8.84	1.45	1.44	3.44
427.00	3.90	86.50	426.64	2.01	14.65	-14.63	0.46	0.44	2.00
517.00	4.10	89.10	516.42	2.25	20.92	-20.90	0.30	0.22	2.89



TDS
Survey Report



Company: COG Operating LLC

Local Co-ordinate Reference: Well SHL: 330' FSL, 150' FEL, Sec 1, T19S, R25E, Unit P

Project: Eddy County, NM (NAD-27 2015)

TVD Reference: KB @ 3407.00usft (Silver Oak 3)

Site: Clydesdale 1 Fee #8H

MD Reference: KB @ 3407.00usft (Silver Oak 3)

Well: SHL: 330' FSL, 150' FEL, Sec 1, T19S, R25E, Unit P

North Reference: Grid

Wellbore: BHL: 350' FSL, 350' FWL, Sec 1, T19S, R25E, Unit M

Survey Calculation Method: Minimum Curvature

Design: Lateral #1

Database: EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
607.00	4.30	89.10	606.18	2.35	27.51	-27.48	0.22	0.22	0.00
698.00	4.70	89.50	696.90	2.44	34.65	-34.62	0.44	0.44	0.44
787.00	3.70	85.80	785.66	2.68	41.16	-41.13	1.16	-1.12	-4.16
847.00	3.60	87.50	845.54	2.90	44.97	-44.94	0.25	-0.17	2.83
910.00	3.60	85.60	908.42	3.14	48.92	-48.89	0.19	0.00	-3.02
1,004.00	4.20	85.80	1,002.20	3.62	55.29	-55.26	0.64	0.64	0.21
1,097.00	4.50	86.50	1,094.93	4.09	62.33	-62.29	0.33	0.32	0.75
1,190.00	5.20	89.70	1,187.60	4.34	70.19	-70.14	0.81	0.75	3.44
1,277.00	5.30	90.20	1,274.23	4.34	78.15	-78.10	0.13	0.11	0.57
1,309.00	5.50	89.90	1,306.09	4.34	81.16	-81.12	0.63	0.63	-0.94
1,403.00	4.00	80.80	1,399.77	4.87	88.90	-88.85	1.78	-1.60	-9.68
1,497.00	3.10	85.10	1,493.58	5.62	94.67	-94.61	1.00	-0.96	4.57
1,591.00	3.00	83.30	1,587.45	6.12	99.65	-99.58	0.15	-0.11	-1.91
1,685.00	2.80	87.70	1,681.33	6.50	104.38	-104.32	0.32	-0.21	4.68
1,778.00	2.80	86.60	1,774.22	6.72	108.92	-108.85	0.06	0.00	-1.18
1,871.00	2.80	84.10	1,867.11	7.09	113.45	-113.37	0.13	0.00	-2.69
1,964.00	2.70	84.90	1,960.00	7.52	117.89	-117.81	0.12	-0.11	0.86
2,058.00	2.80	81.50	2,053.89	8.06	122.37	-122.28	0.20	0.11	-3.62
2,151.00	2.80	81.50	2,146.78	8.73	126.86	-126.77	0.00	0.00	0.00
2,246.00	1.90	51.70	2,241.70	10.05	130.39	-130.29	1.57	-0.95	-31.37
2,340.00	0.30	48.80	2,335.68	11.18	131.80	-131.68	1.70	-1.70	-3.09
2,371.00	0.50	59.30	2,366.68	11.30	131.97	-131.86	0.68	0.65	33.87
2,401.00	0.50	251.00	2,396.68	11.32	131.96	-131.85	3.32	0.00	-561.00
2,433.00	3.40	249.60	2,428.66	10.95	130.94	-130.83	9.06	9.06	-4.38
2,464.00	6.30	251.60	2,459.55	10.09	128.47	-128.36	9.37	9.35	6.45
2,496.00	8.70	258.80	2,491.27	9.06	124.43	-124.33	8.04	7.50	22.50
2,527.00	12.40	262.00	2,521.74	8.15	118.83	-118.74	12.08	11.94	10.32
2,558.00	15.80	261.90	2,551.80	7.09	111.35	-111.28	10.97	10.97	-0.32
2,590.00	19.50	266.40	2,582.29	6.14	101.70	-101.64	12.32	11.56	14.06
2,621.00	23.90	267.40	2,611.09	5.53	90.26	-90.20	14.24	14.19	3.23
2,652.00	27.60	271.60	2,639.01	5.44	76.80	-76.75	13.30	11.94	13.55
2,683.00	31.50	273.90	2,665.97	6.20	61.54	-61.48	13.10	12.58	7.42
2,714.00	33.80	275.70	2,692.07	7.60	44.88	-44.80	8.05	7.42	5.81
2,745.00	37.90	275.50	2,717.19	9.37	26.81	-26.72	13.23	13.23	-0.65
2,776.00	41.10	273.50	2,741.11	10.91	7.16	-7.05	11.11	10.32	-6.45
2,807.00	44.70	271.70	2,763.82	11.85	-13.92	14.03	12.27	11.61	-5.81
2,838.00	47.30	271.10	2,785.35	12.40	-36.21	36.33	8.50	8.39	-1.94
2,869.00	50.70	271.50	2,805.69	12.93	-59.60	59.72	11.01	10.97	1.29
2,900.00	54.00	271.50	2,824.62	13.57	-84.13	84.25	10.65	10.65	0.00
2,931.00	57.70	271.70	2,842.02	14.29	-109.77	109.90	11.95	11.94	0.65
2,962.00	60.70	272.20	2,857.89	15.20	-136.38	136.52	9.78	9.68	1.61
2,993.00	63.60	271.90	2,872.37	16.18	-163.77	163.91	9.39	9.35	-0.97



TDS
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TVD Reference: KB @ 3407.00usft (Silver Oak 3)

Site: Clydesdale 1 Fee #8H

MD Reference: KB @ 3407.00usft (Silver Oak 3)

Well: SHL: 330' FSL, 150' FEL, Sec 1, T19S, R25E, Unit P

North Reference: Grid

Wellbore: BHL: 350' FSL, 350' FWL, Sec 1, T19S, R25E, Unit M

Survey Calculation Method: Minimum Curvature

Design: Lateral #1

Database: EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
3,010.90	65.27	271.08	2,880.09	16.59	-179.91	180.06	10.21	9.35	-4.56
As-Drilled PP									
3,024.00	66.50	270.50	2,885.45	16.76	-191.86	192.02	10.21	9.37	-4.45
3,055.00	69.20	269.20	2,897.13	16.68	-220.57	220.72	9.54	8.71	-4.19
3,086.00	71.80	269.10	2,907.48	16.25	-249.79	249.93	8.39	8.39	-0.32
3,117.00	75.50	270.40	2,916.21	16.12	-279.53	279.67	12.60	11.94	4.19
3,148.00	79.60	270.60	2,922.89	16.39	-309.79	309.94	13.24	13.23	0.65
3,179.00	83.60	270.60	2,927.42	16.71	-340.45	340.60	12.90	12.90	0.00
3,210.00	87.30	270.70	2,929.87	17.06	-371.35	371.49	11.94	11.94	0.32
3,241.00	90.00	271.10	2,930.61	17.54	-402.33	402.48	8.80	8.71	1.29
3,272.00	90.10	270.90	2,930.58	18.09	-433.33	433.48	0.72	0.32	-0.65
3,367.00	92.50	271.20	2,928.42	19.83	-528.28	528.44	2.55	2.53	0.32
3,460.00	91.70	271.60	2,925.02	22.10	-621.19	621.37	0.96	-0.86	0.43
3,553.00	91.70	271.30	2,922.26	24.45	-714.12	714.32	0.32	0.00	-0.32
3,647.00	91.50	270.90	2,919.63	26.25	-808.06	808.28	0.48	-0.21	-0.43
3,741.00	92.10	271.20	2,916.68	27.97	-902.00	902.23	0.71	0.64	0.32
3,835.00	90.10	270.90	2,914.87	29.70	-995.96	996.20	2.15	-2.13	-0.32
3,927.00	90.00	270.90	2,914.79	31.14	-1,087.95	1,088.20	0.11	-0.11	0.00
4,021.00	90.10	271.00	2,914.71	32.70	-1,181.94	1,182.20	0.15	0.11	0.11
4,114.00	90.80	271.50	2,913.98	34.73	-1,274.91	1,275.19	0.92	0.75	0.54
4,206.00	91.90	271.60	2,911.81	37.22	-1,366.85	1,367.15	1.20	1.20	0.11
4,298.00	90.00	270.40	2,910.29	38.82	-1,458.82	1,459.12	2.44	-2.07	-1.30
4,392.00	90.20	270.50	2,910.12	39.56	-1,552.82	1,553.12	0.24	0.21	0.11
4,422.00	90.20	270.30	2,910.02	39.77	-1,582.81	1,583.12	0.67	0.00	-0.67
4,513.00	91.60	269.20	2,908.59	39.37	-1,673.80	1,674.10	1.96	1.54	-1.21
4,606.00	91.90	268.80	2,905.75	37.75	-1,766.74	1,767.02	0.54	0.32	-0.43
4,700.00	91.30	269.00	2,903.13	35.95	-1,860.69	1,860.95	0.67	-0.64	0.21
4,794.00	91.60	268.60	2,900.75	33.98	-1,954.64	1,954.87	0.53	0.32	-0.43
4,886.00	91.70	268.30	2,898.10	31.49	-2,046.56	2,046.77	0.34	0.11	-0.33
4,980.00	91.00	269.60	2,895.88	29.77	-2,140.52	2,140.71	1.57	-0.74	1.38
5,074.00	92.00	270.20	2,893.42	29.60	-2,234.49	2,234.67	1.24	1.06	0.64
5,168.00	92.00	271.20	2,890.14	30.75	-2,328.42	2,328.61	1.06	0.00	1.06
5,261.00	92.00	270.70	2,886.90	32.29	-2,421.35	2,421.55	0.54	0.00	-0.54
5,354.00	92.00	270.80	2,883.65	33.51	-2,514.29	2,514.49	0.11	0.00	0.11
5,449.00	91.90	270.30	2,880.42	34.42	-2,609.23	2,609.44	0.54	-0.11	-0.53
5,542.00	92.10	270.30	2,877.17	34.91	-2,702.17	2,702.38	0.22	0.22	0.00
5,635.00	91.90	270.20	2,873.93	35.31	-2,795.11	2,795.32	0.24	-0.22	-0.11
5,729.00	91.80	269.70	2,870.89	35.23	-2,889.06	2,889.27	0.54	-0.11	-0.53
5,822.00	91.70	269.50	2,868.05	34.58	-2,982.02	2,982.21	0.24	-0.11	-0.22
5,915.00	92.70	271.10	2,864.48	35.07	-3,074.94	3,075.14	2.03	1.08	1.72
6,009.00	92.20	272.00	2,860.46	37.61	-3,168.82	3,169.03	1.09	-0.53	0.96
6,099.00	90.50	270.70	2,858.34	39.73	-3,258.76	3,259.00	2.38	-1.89	-1.44



TDS
Survey Report



Company: COG Operating LLC

Local Co-ordinate Reference:

Well SHL: 330' FSL, 150' FEL, Sec 1, T19S, R25E, Unit P

Project: Eddy County, NM (NAD-27 2015)

TVD Reference:

KB @ 3407.00usft (Silver Oak 3)

Site: Clydesdale 1 Fee #8H

MD Reference:

KB @ 3407.00usft (Silver Oak 3)

Well: SHL: 330' FSL, 150' FEL, Sec 1, T19S, R25E, Unit P

North Reference:

Grid

Wellbore: BHL: 350' FSL, 350' FWL, Sec 1, T19S, R25E, Unit M

Survey Calculation Method:

Minimum Curvature

Design: Lateral #1

Database:

EDM 5000.1 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
6,161.00	91.00	270.10	2,857.53	40.16	-3,320.76	3,320.99	1.26	0.81	-0.97
6,254.00	91.30	270.50	2,855.67	40.65	-3,413.74	3,413.97	0.54	0.32	0.43
6,348.00	91.90	271.60	2,853.04	42.37	-3,507.68	3,507.93	1.33	0.64	1.17
6,440.00	91.40	271.50	2,850.39	44.86	-3,599.61	3,599.88	0.55	-0.54	-0.11
6,533.00	91.60	271.40	2,847.96	47.21	-3,692.55	3,692.83	0.24	0.22	-0.11
6,627.00	93.00	270.60	2,844.18	48.85	-3,786.46	3,786.75	1.72	1.49	-0.85
6,720.00	93.00	270.10	2,839.32	49.42	-3,879.33	3,879.62	0.54	0.00	-0.54
6,813.00	92.80	269.80	2,834.61	49.34	-3,972.21	3,972.50	0.39	-0.22	-0.32
6,907.00	92.70	269.70	2,830.10	48.93	-4,066.10	4,066.38	0.15	-0.11	-0.11
7,001.00	92.30	269.00	2,826.00	47.86	-4,160.00	4,160.27	0.86	-0.43	-0.74
7,094.00	92.10	268.80	2,822.43	46.08	-4,252.92	4,253.16	0.30	-0.22	-0.22
7,187.00	91.10	269.70	2,819.84	44.86	-4,345.87	4,346.10	1.45	-1.08	0.97
7,280.00	92.00	268.80	2,817.32	43.64	-4,438.83	4,439.04	1.37	0.97	-0.97
7,373.00	91.80	268.00	2,814.24	41.05	-4,531.74	4,531.92	0.89	-0.22	-0.86
7,466.00	91.60	269.20	2,811.48	38.78	-4,624.67	4,624.83	1.31	-0.22	1.29
7,559.00	91.10	271.00	2,809.29	38.94	-4,717.64	4,717.79	2.01	-0.54	1.94
7,619.00	91.40	271.00	2,807.98	39.99	-4,777.61	4,777.78	0.50	0.50	0.00
Final TDS MWD Survey									
7,679.00	91.40	271.00	2,806.51	41.03	-4,837.59	4,837.76	0.00	0.00	0.00
Projection to Bit/TD									

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N-S (usft)	+E-W (usft)	
122.00	121.99	0.39	1.10	First TDS MWD Survey
3,010.90	2,880.09	16.59	-179.91	As-Drilled PP
7,619.00	2,807.98	39.99	-4,777.61	Final TDS MWD Survey
7,679.00	2,806.51	41.03	-4,837.59	Projection to Bit/TD

Checked By:

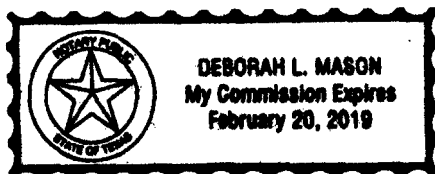
Deborah L. Mason

Approved By:

James L. H.

Date:

11/2/2016





11/2/16

State of New Mexico
County of Eddy

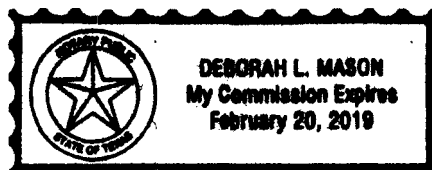
I, Donald D. Mason, certify that: I am employed by Terra Directional Services LLC; that I did on the day(s) of 08/06/2016 through 08/12/2016 conduct or supervise the taking of a MWD survey from a depth of 122 feet to a depth of 7679 feet; that the data is true, correct, complete and within the limitations of the tool as set forth by Terra Directional Services LLC; that I am authorized and qualified to make this report; that this survey was conducted at the request of COG Operating LLC for the Clydesdale 1 Fee #8H Well API 30-015-43387 in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles and procedures as set forth by Terra Directional Services LLC.

A handwritten signature of Donald D. Mason in black ink, written over a horizontal line.

Donald D. Mason
President

State of Texas
County of Burnet

Before me, a notary public, on this day personally appeared Donald D Mason, known to me to be the person whose name is subscribed to the foregoing document and, being by me first duly sworn, declared that the statements therein contained are true and correct.

A handwritten signature of Deborah L. Mason in black ink, written over a horizontal line.
Notary Public's Signature



PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

August 15, 2016

COG, LLC
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

RE: Clydesdale 1 Fee #8H
330' FSL & 150' FEL
Sec. 1, T19S, R25E
Eddy County, New Mexico

Dear Sir,

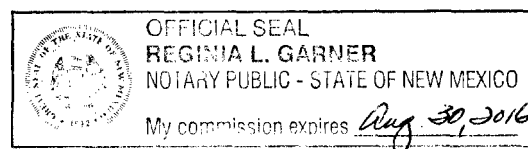
The attached is the Deviation Survey for the above captioned well.

Very truly yours,

Chris Graham
Drilling Superintendent

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 15th day of August, 2016.

Notary Public

Clydesdale 1 Fee 8H

Date	Depth	Deviation	Direction	TVD
8/6/2016	247	2.20	81.60	
8/6/2016	337	3.50	84.70	
8/6/2016	427	3.90	86.50	
8/6/2016	517	4.10	89.10	
8/6/2016	607	4.30	89.10	
8/6/2016	698	4.70	89.50	
8/6/2016	787	3.70	85.80	
8/6/2016	847	3.60	87.50	
8/6/2016	1004	4.20	85.80	
8/6/2016	1097	4.50	86.50	
8/6/2016	1190	5.20	89.70	
8/8/2016	1217	5.30	90.20	
8/8/2016	1309	5.50	89.90	
8/8/2016	1403	4.00	80.80	
8/8/2016	1497	3.10	85.10	
8/8/2016	1591	3.00	83.30	
8/8/2016	1685	2.80	87.70	
8/8/2016	1778	2.80	86.60	
8/8/2016	1871	2.80	84.10	
8/8/2016	1964	2.70	84.90	
8/8/2016	2151	2.80	81.50	
8/8/2016	2246	1.90	51.70	
8/8/2016	2340	0.30	48.80	
8/8/2016	2401	0.50	251.00	
8/9/2016	2464	6.30	251.60	
8/9/2016	2527	12.40	262.00	
8/9/2016	2590	19.50	266.40	
8/9/2016	2621	23.90	237.40	
8/9/2016	2652	27.60	271.60	
8/9/2016	2714	33.80	275.70	
8/9/2016	2745	37.90	275.50	
8/9/2016	2776	41.10	273.50	
8/9/2016	2807	44.70	271.70	
8/9/2016	2838	47.30	271.10	
8/9/2016	2869	50.70	271.50	
8/9/2016	2900	54.00	271.30	
8/9/2016	2931	57.70	271.70	
8/9/2016	2962	60.70	270.20	
8/9/2016	3024	66.50	2705.00	
8/9/2016	3055	69.20	269.20	
8/9/2016	3210	87.30	270.70	
8/9/2016	3272	90.10	270.90	

Date	Depth	Deviation	Direction	TVD
8/10/2016	3460	91.70	271.60	2925.00
8/10/2016	3553	91.70	271.30	2922.20
8/10/2016	3647	91.50	270.90	2919.60
8/10/2016	3741	92.10	271.20	2916.60
8/10/2016	3835	90.10	270.90	2914.80
8/10/2016	3927	90.00	270.90	
8/10/2016	4021	90.10	271.00	
8/10/2016	4114	90.80	271.50	
8/10/2016	4206	91.90	271.00	
8/10/2016	4298	90.00	270.40	
8/10/2016	4392	90.20	270.50	
8/10/2016	4422	90.20	270.30	
8/10/2016	4513	91.60	269.20	
8/10/2016	4606	91.90	268.80	
8/11/2016	4700	91.30	269.00	2903.10
8/11/2016	4794	91.60	268.60	2900.70
8/11/2016	4886	91.70	268.30	2898.10
8/11/2016	4980	91.00	269.60	2895.80
8/11/2016	5074	92.00	270.20	2893.40
8/11/2016	5168	92.00	271.20	2890.10
8/11/2016	5354	92.00	270.80	
8/11/2016	5449	91.90	270.30	
8/11/2016	5542	92.10	270.30	
8/11/2016	5635	91.90	270.20	
8/11/2016	5729	91.80	269.70	
8/11/2016	5822	91.70	269.50	
8/12/2016	6069	92.20	272.00	2860.40
8/12/2016	6099	90.50	270.70	2858.30
8/12/2016	6161	91.00	270.10	2957.50
8/12/2016	6254	91.30	270.50	2855.60
8/12/2016	6348	91.90	271.60	2853.00
8/12/2016	6533	91.60	271.40	
8/12/2016	6720	93.00	270.10	
8/12/2016	6813	92.80	269.80	
8/12/2016	7187	91.10	269.70	
8/12/2016	7280	92.00	268.80	
8/12/2016	7373	91.80	268.00	
8/12/2016	7466	91.60	267.20	
8/13/2016	9559	91.10	271.00	2809.20