



HOBBS OCD
JUL 15 2019
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EOG Resources - Midland

Lea County, NM (NAD 83 NME)
Hemlock 32 State
#703H
OH

Survey: Newsco MWD

Midland PVA

14 April, 2019



Midland PVA

Company: EOG Resources - Midland Project: Lea County, NM (NAD 83 NME) Site: Hemlock 32 State Well: #703H Wellbore: OH Design: OH		Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Database:		Well #703H KB = 25 @ 3690.0usft KB = 25 @ 3690.0usft Grid Minimum Curvature EDM 5000.14	
Project Lea County, NM (NAD 83 NME)					
Map System: US State Plane 1983 Geo Datum: North American Datum 1983 Map Zone: New Mexico Eastern Zone		System Datum:		Mean Sea Level	
Site Hemlock 32 State					
Site Position: From: Map Position Uncertainty: 0.0 usft		Northing: 457,257.00 usft Easting: 767,769.00 usft Slot Radius: 13-3/16 "		Latitude: 32° 15' 17.825 N Longitude: 103° 36' 3.080 W Grid Convergence: 0.39 °	
Well #703H					
Well Position +N-S 0.0 usft +E-W 0.0 usft Position Uncertainty 0.0 usft		Northing: 457,231.00 usft Easting: 768,843.00 usft Wellhead Elevation: usft		Latitude: 32° 15' 17.488 N Longitude: 103° 35' 49.411 W Ground Level: 3,665.0 usft	
Wellbore OH					
Magnetics					
Model Name IGRF2015		Sample Date 1/15/2019		Declination (°) 6.80 Dip Angle (°) 60.07 Field Strength (nT) 47,789.40533125	
Design OH					
Audit Notes:					
Version: 1.0		Phase: ACTUAL		Tie On Depth: 0.0	
Vertical Section:		Depth From (TVD) (usft) 0.0 +N-S (usft) 0.0 +E-W (usft) 0.0		Direction (°) 356.99	
Survey Program					
Date 4/14/2019					
From (usft) 138.0	To (usft) 17,405.0	Survey (Wellbore) Newsco MWD (OH)	Tool Name MWD	Description OWSG MWD - Standard	



Midland PVA

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Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3690.0usft
Site:	Hemlock 32 State	MD Reference:	KB = 25 @ 3690.0usft
Well:	#703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Asd (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	0.0
138.0	0.80	308.80	138.0	0.6	-0.8	0.58	0.58	0.00	-1.0	0.0	
321.0	1.30	314.00	321.0	2.8	-3.2	0.28	0.27	2.84	-4.3	0.2	
503.0	1.50	315.40	502.9	6.0	-6.4	0.11	0.11	0.77	-8.7	0.4	
690.0	1.60	310.90	689.8	9.4	-10.1	0.08	0.05	-2.41	-13.8	-0.5	
878.0	2.40	313.40	877.7	13.9	-14.9	0.43	0.43	1.33	-20.4	0.2	
1,065.0	2.70	298.60	1,064.5	18.7	-21.6	0.39	0.16	-7.91	-27.9	-8.0	
1,253.0	2.30	253.00	1,252.4	19.7	-29.1	1.05	-0.21	-24.26	-22.1	-27.3	
1,286.0	2.60	253.30	1,285.4	19.3	-30.5	0.91	0.91	0.91	-23.7	-27.2	
1,346.0	2.60	258.60	1,345.3	18.6	-33.1	0.40	0.00	8.83	-28.8	-24.8	
1,534.0	3.80	240.20	1,533.0	14.7	-42.7	0.83	0.64	-9.79	-29.7	-34.0	
1,721.0	3.40	184.90	1,719.7	6.2	-46.7	2.36	-0.21	-40.27	18.1	-43.4	
1,907.0	3.00	163.70	1,905.4	-3.8	-43.8	0.22	-0.22	-0.65	8.7	-43.1	
2,093.0	3.60	118.20	2,091.1	-11.2	-37.3	1.40	0.32	-24.46	27.6	-27.5	
2,280.0	3.10	124.70	2,277.8	-16.9	-28.0	0.34	-0.27	3.48	13.4	-29.8	
2,468.0	0.80	110.50	2,465.7	-20.2	-22.6	1.24	-1.22	-7.55	14.1	-26.8	
2,656.0	0.50	109.70	2,653.7	-21.0	-20.6	0.16	-0.16	-0.43	11.0	-22.7	
2,845.0	2.20	225.80	2,842.7	-23.8	-22.4	1.30	0.90	61.43	-15.2	-1.1	
3,033.0	4.50	228.20	3,030.3	-31.2	-30.5	1.23	1.22	1.28	-12.5	-2.8	
3,220.0	4.70	233.60	3,216.7	-40.6	-42.1	0.25	0.11	2.89	-14.4	-4.7	
3,409.0	4.30	222.60	3,405.1	-50.4	-53.2	0.50	-0.21	-5.82	-14.0	-10.0	
3,596.0	4.50	209.60	3,591.6	-62.0	-61.5	0.54	0.11	-6.95	-11.9	-12.5	
3,784.0	5.10	212.10	3,778.9	-75.5	-69.6	0.34	0.32	1.33	-14.3	-10.3	
3,972.0	6.20	219.40	3,966.0	-90.4	-80.5	0.70	0.59	3.88	-20.0	-7.8	
4,159.0	5.50	227.00	4,152.0	-104.3	-93.5	0.56	-0.37	4.06	-26.2	-6.0	
4,345.0	4.80	213.60	4,337.3	-116.9	-104.3	0.75	-0.38	-7.20	-26.9	-12.9	
4,532.0	5.50	178.50	4,523.6	-132.3	-108.4	1.70	0.37	-18.77	-19.3	-21.7	



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Site:	Hemlock 32 State	MD Reference:	KB = 25 @ 3690.0usft
Well:	#703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Asd (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
4,719.0	6.80	159.40	4,709.5	-151.7	-104.3	1.29	0.70	-10.21	-23.4	-18.0	
4,907.0	5.50	188.20	4,896.5	-171.0	-101.6	1.76	-0.69	15.32	-35.8	7.7	
5,093.0	4.40	217.20	5,081.8	-185.5	-107.2	1.45	-0.59	15.59	-28.8	28.5	
5,281.0	3.90	218.50	5,269.3	-198.3	-115.6	0.27	-0.27	0.89	-27.9	29.1	
5,469.0	3.50	215.40	5,458.9	-206.0	-122.9	0.24	-0.21	-1.65	-27.6	27.8	
5,656.0	4.10	219.20	5,643.5	-215.8	-130.4	0.35	0.32	2.03	-24.3	29.6	
5,842.0	3.90	219.90	5,829.1	-225.8	-138.6	0.11	-0.11	0.38	-23.1	29.4	
6,029.0	3.60	225.90	6,015.7	-234.8	-146.9	0.26	-0.16	3.21	-18.4	30.4	
6,217.0	3.00	229.20	6,203.4	-242.1	-154.9	0.33	-0.32	1.76	-13.8	29.0	
6,404.0	2.50	229.60	6,390.1	-247.9	-161.7	0.27	-0.27	0.21	-9.0	28.2	
6,592.0	2.50	231.20	6,578.0	-253.1	-168.0	0.04	0.00	0.85	-3.0	23.4	
6,779.0	1.80	235.00	6,764.8	-257.5	-173.8	0.33	-0.32	2.03	4.7	19.7	
6,966.0	3.90	239.00	6,951.6	-262.5	-181.7	1.07	1.07	2.14	9.5	14.5	
7,151.0	3.50	234.60	7,136.2	-269.0	-191.7	0.27	-0.22	-2.38	9.5	10.7	
7,339.0	3.30	239.90	7,323.9	-275.1	-201.1	0.20	-0.11	2.82	12.2	5.1	
7,525.0	2.00	227.80	7,509.7	-279.9	-208.1	0.76	-0.70	-6.51	10.0	5.1	
7,713.0	0.80	256.40	7,697.6	-282.5	-211.8	0.72	-0.64	15.21	7.1	1.2	
7,897.0	0.70	225.20	7,881.6	-283.6	-213.9	0.23	-0.05	-16.96	3.2	4.0	
8,084.0	0.60	251.20	8,068.8	-284.7	-215.6	0.16	-0.05	13.90	2.7	2.7	
8,271.0	1.00	222.40	8,255.6	-286.2	-217.7	0.30	0.21	-15.40	-1.4	3.1	
8,458.0	1.10	206.70	8,442.5	-289.0	-219.6	0.18	0.05	-6.40	-5.6	2.2	
8,645.0	1.10	213.60	8,629.5	-292.1	-221.4	0.07	0.00	3.69	-8.9	3.1	
8,833.0	1.00	348.20	8,817.5	-292.0	-222.7	1.03	-0.05	71.60	8.1	5.5	
9,020.0	1.00	2.30	9,004.4	-288.8	-223.0	0.13	0.00	7.54	5.9	3.7	
9,207.0	1.10	347.00	9,191.4	-285.4	-223.3	0.16	0.05	-8.18	1.4	4.7	
9,395.0	1.30	335.30	9,379.4	-281.7	-224.6	0.17	0.11	-6.22	-3.5	4.5	
9,581.0	1.10	100.50	9,565.4	-280.1	-223.7	1.15	-0.11	67.31	5.2	2.0	



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Well:	#703H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
9,768.0	0.40	52.40	9,752.3	-280.0	-221.4	0.47	-0.37	-25.72	0.1	3.8
9,956.0	0.10	0.20	9,940.3	-279.5	-220.9	0.19	-0.16	-27.77	-3.5	1.9
10,143.0	0.60	227.10	10,127.3	-280.0	-221.6	0.36	0.27	-71.18	0.1	-4.0
10,330.0	1.00	204.30	10,314.3	-282.1	-223.0	0.27	0.21	-12.19	-0.9	-4.0
10,517.0	0.70	250.60	10,501.3	-284.0	-224.8	0.39	-0.16	24.76	-5.8	-1.0
10,704.0	0.80	254.80	10,688.3	-284.7	-227.1	0.06	0.05	2.25	-8.3	-0.5
10,893.0	0.50	244.80	10,877.3	-285.4	-229.1	0.17	-0.16	-5.29	-10.2	-2.1
11,079.0	1.60	154.50	11,063.2	-288.1	-228.7	0.90	0.59	-48.55	-0.4	-11.0
11,267.0	2.90	142.40	11,251.1	-294.2	-224.7	0.73	0.69	-6.44	-5.4	-11.4
11,454.0	1.10	148.50	11,438.0	-299.5	-220.9	0.97	-0.96	3.26	-13.1	-10.2
11,641.0	1.00	358.50	11,625.0	-299.4	-220.0	1.08	-0.05	-80.21	16.4	1.4
11,827.0	0.20	71.50	11,811.0	-297.7	-219.7	0.52	-0.43	39.25	5.4	-13.7
11,945.0	1.00	194.40	11,928.9	-298.6	-219.8	0.95	0.68	104.15	-15.3	3.1
12,038.0	7.60	331.80	12,021.7	-294.0	-222.9	8.99	7.10	147.74	7.8	8.7
12,132.0	22.10	337.10	12,112.3	-272.1	-232.8	15.48	15.43	5.64	-14.7	9.1
12,225.0	38.50	338.80	12,193.2	-230.0	-249.7	15.51	15.48	1.83	-48.6	15.5
12,319.0	47.20	347.60	12,263.2	-170.0	-267.3	12.96	11.38	9.36	-81.1	35.1
12,412.0	44.00	6.40	12,328.5	-104.3	-271.0	14.81	-3.44	20.22	-80.8	59.3
12,505.0	45.00	6.30	12,394.9	-39.5	-263.8	1.08	1.08	-0.11	-90.3	50.1
12,598.0	60.40	0.60	12,451.1	34.1	-259.7	17.25	16.56	-6.13	-82.7	39.3
12,692.0	68.90	6.30	12,491.3	118.8	-254.5	10.57	9.04	6.06	-68.7	34.8
12,785.0	68.10	4.60	12,525.4	204.9	-246.3	1.91	-0.86	-1.83	-41.5	25.7
12,878.0	81.40	5.50	12,549.8	294.1	-238.4	14.33	14.30	0.97	-16.9	15.8
12,971.0	91.00	4.30	12,556.0	386.4	-230.4	10.40	10.32	-1.29	-9.7	6.9
13,061.0	89.30	3.00	12,555.7	476.2	-224.7	2.38	-1.89	-1.44	-8.8	0.5
13,154.0	88.90	3.00	12,557.2	569.1	-219.9	0.43	-0.43	0.00	-6.1	-5.0
13,247.0	89.30	1.20	12,558.7	662.0	-216.4	1.98	0.43	-1.94	-3.5	-8.0



Midland PVA

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 Site: Hemlock 32 State
 Well: #703H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #703H
 TVD Reference: KB = 25 @ 3690.0usft
 MD Reference: KB = 25 @ 3690.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 5000.14

Survey											
MD (usft)	Inc (°)	Asd (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLog (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
13,340.0	90.20	1.30	12,559.1	755.0	-214.4	0.97	0.97	0.11	-1.9	-11.7	
13,434.0	92.40	0.80	12,556.9	849.0	-212.7	2.40	2.34	-0.53	-2.8	-14.0	
13,527.0	90.90	358.90	12,554.3	941.9	-212.9	2.60	-1.61	-2.04	-4.3	-14.4	
13,621.0	92.10	359.40	12,551.8	1,035.9	-214.3	1.38	1.28	0.53	-5.3	-13.7	
13,714.0	91.60	357.90	12,548.8	1,128.8	-216.5	1.70	-0.54	-1.61	-6.3	-12.1	
13,808.0	88.10	357.50	12,549.0	1,222.7	-220.3	3.75	-3.72	-0.43	-4.0	-9.0	
13,902.0	89.80	358.00	12,550.8	1,316.8	-224.0	1.89	1.81	0.53	-0.3	-5.9	
13,996.0	90.00	357.70	12,550.9	1,410.5	-227.5	0.38	0.21	-0.32	1.9	-3.0	
14,089.0	90.00	357.10	12,550.9	1,503.4	-231.7	0.65	0.00	-0.65	3.9	0.5	
14,181.0	93.30	357.60	12,548.3	1,595.3	-236.0	3.63	3.58	0.54	3.2	4.2	
14,276.0	87.60	357.70	12,547.5	1,690.2	-239.9	6.00	-6.00	0.11	4.5	7.4	
14,369.0	90.00	0.40	12,549.5	1,783.1	-241.4	3.68	2.58	2.90	8.5	8.3	
14,463.0	91.80	2.80	12,548.0	1,877.1	-238.8	3.19	1.91	2.55	9.0	5.1	
14,557.0	91.80	2.10	12,545.1	1,970.9	-234.8	0.74	0.00	-0.74	8.1	0.4	
14,649.0	89.70	0.50	12,543.8	2,062.9	-232.7	2.87	-2.28	-1.74	8.9	-2.3	
14,743.0	90.50	1.40	12,543.7	2,156.9	-231.1	1.28	0.85	0.96	10.7	-4.5	
14,837.0	91.70	1.10	12,541.9	2,250.8	-229.1	1.32	1.28	-0.32	10.9	-7.2	
14,930.0	91.90	1.90	12,539.0	2,343.8	-226.6	0.89	0.22	0.88	10.0	-10.3	
15,023.0	91.40	1.40	12,536.3	2,436.7	-224.0	0.76	-0.54	-0.54	9.3	-13.6	
15,117.0	89.30	0.70	12,535.7	2,530.7	-222.2	2.35	-2.23	-0.74	10.8	-15.9	
15,211.0	89.70	359.20	12,536.6	2,624.7	-222.3	1.65	0.43	-1.60	13.6	-16.5	
15,304.0	92.00	359.50	12,535.1	2,717.6	-223.4	2.49	2.47	0.32	14.2	-16.1	
15,397.0	90.60	358.30	12,533.0	2,810.6	-225.2	1.98	-1.51	-1.29	14.1	-14.9	
15,491.0	90.70	357.50	12,532.0	2,904.5	-228.6	0.88	0.11	-0.85	15.1	-12.1	
15,584.0	90.10	357.50	12,531.3	2,997.4	-232.7	0.65	-0.65	0.00	16.4	-8.7	
15,678.0	90.50	356.30	12,530.8	3,091.3	-237.8	1.35	0.43	-1.28	17.4	-4.3	
15,771.0	91.50	356.60	12,529.2	3,184.1	-243.5	1.12	1.08	0.32	17.1	0.8	



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15,865.0	91.60	356.20	12,526.7	3,277.9	-249.4	0.44	0.11	-0.43	16.0	6.1	
15,958.0	89.40	355.30	12,525.9	3,370.6	-256.3	2.56	-2.37	-0.97	18.6	12.4	
16,052.0	92.10	359.20	12,524.6	3,464.5	-260.8	5.05	2.87	4.15	18.7	16.2	
16,145.0	91.60	359.40	12,521.6	3,557.4	-261.9	0.58	-0.54	0.22	15.1	16.7	
16,239.0	89.60	358.20	12,520.6	3,651.4	-263.9	2.48	-2.13	-1.28	15.5	18.1	
16,332.0	88.90	0.00	12,521.9	3,744.3	-265.4	2.08	-0.75	1.94	18.1	18.9	
16,426.0	88.50	0.30	12,524.0	3,838.3	-265.1	0.53	-0.43	0.32	21.7	18.0	
16,519.0	88.40	1.60	12,526.5	3,931.3	-263.6	1.40	-0.11	1.40	25.6	15.8	
16,612.0	96.00	3.60	12,522.9	4,024.0	-259.4	8.45	6.17	2.15	23.4	11.1	
16,705.0	97.30	4.70	12,512.2	4,116.2	-252.7	1.83	1.40	1.18	14.3	3.7	
16,799.0	93.50	4.00	12,503.3	4,209.5	-245.6	4.11	-4.04	-0.74	7.2	-4.0	
16,892.0	91.60	3.00	12,499.2	4,302.2	-239.9	2.31	-2.04	-1.08	4.7	-10.4	
16,986.0	89.00	0.80	12,498.7	4,396.1	-236.8	3.62	-2.77	-2.34	5.8	-14.1	
17,079.0	92.10	1.60	12,497.8	4,489.1	-234.9	3.44	3.33	0.86	6.6	-16.7	
17,173.0	92.00	1.50	12,494.4	4,583.0	-232.3	0.15	-0.11	-0.11	4.9	-19.9	
17,267.0	91.90	2.00	12,491.2	4,676.9	-229.5	0.54	-0.11	0.53	3.4	-23.4	
17,349.0	90.00	1.60	12,489.9	4,758.8	-226.9	2.37	-2.32	-0.49	3.5	-26.6	
17,405.0	90.00	1.60	12,489.9	4,814.8	-225.3	0.00	0.00	0.00	4.5	-28.5	

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/S (usft)	+E/W (usft)	
11,975.0	11,958.9	-298.5	-220.2	KOP, MD:11975.0', TVD:11958.9', N/S:-298.5', E/W:-220.2', INC:2.01
12,219.5	12,188.8	-233.0	-248.5	FTP Crossing, MD:12219.5', TVD:12188.8', N/S:-233.0', E/W:-248.5', INC:35.65
17,349.0	12,489.9	4,758.8	-226.9	Last MWD Survey (MD=17349.0')
17,405.0	12,489.9	4,814.8	-225.3	Projection to Bit (MD=17405.0')



Midland PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Hemlock 32 State
Well: #703H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #703H
TVD Reference: KB = 25 @ 3690.0usft
MD Reference: KB = 25 @ 3690.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14

Checked By: _____ Approved By: _____ Date: _____



Lea County, NM (NAD 83 NME)
Hemlock 32 State #703H
Plan #1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)
Geodetic System: US State Plane 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #703H

Northings: 45723.130
Eastings: 78843.00
US = 35 @ 3930.0m
2" = 15' 17.48" N
Longitude: 107° 35' 43.41" W

To convert a Magnetic Direction to a Grid Direction, Add 5.47°
To convert a Magnetic Direction to a True Direction, Add 5.47°
To convert a True Direction to a Grid Direction, Subtract 0.27°

DEPTH DETAILS									
Log	MD	TD	AD	TPD	WCL	WCL	WCL	WCL	WCL
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	2500.0	0.0	0.0	2500.0	0.0	0.0	0.0	0.0	0.0
3	7113.0	4.0	217.2	7330.2	-278.2	-278.2	-278.2	-278.2	-278.2
4	7164.1	0.0	0.0	7164.1	-283.0	-283.0	-283.0	-283.0	-283.0
5	7164.1	0.0	0.0	7164.1	-283.0	-283.0	-283.0	-283.0	-283.0
6	7164.1	0.0	0.0	7164.1	-283.0	-283.0	-283.0	-283.0	-283.0
7	7164.1	0.0	0.0	7164.1	-283.0	-283.0	-283.0	-283.0	-283.0
8	13482.7	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
9	13482.7	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
10	13482.7	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
11	13482.7	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
12	13482.7	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
13	13482.7	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
14	13482.7	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0

WELLBORE TARGET DETAILS (NAD 83 COORDINATES)									
Name	MD	TD	AD	TPD	WCL	WCL	WCL	WCL	WCL
Drum/Trip/Headstock 32 State #703H	7164.1	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
Drum/Trip/Headstock 32 State #703H	7164.1	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
Drum/Trip/Headstock 32 State #703H	7164.1	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
Drum/Trip/Headstock 32 State #703H	7164.1	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
Drum/Trip/Headstock 32 State #703H	7164.1	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
Drum/Trip/Headstock 32 State #703H	7164.1	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
Drum/Trip/Headstock 32 State #703H	7164.1	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
Drum/Trip/Headstock 32 State #703H	7164.1	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0
Drum/Trip/Headstock 32 State #703H	7164.1	80.7	359.81	13563.5	-283.0	-283.0	-283.0	-283.0	-283.0

