

OCD - HOBBS 08/20/2019 RECEIVED

## **EOG Resources - Midland**

Lea County, NM (NAD 83 NME) Bandit 29 State Com #706H

OH

Plan: Plan #0.2

# **Standard Planning Report**

20 August, 2019



EDM 5000.14 Database:

Company: EOG Resources - Midland Project: Lea County, NM (NAD 83 NME)

Site: Bandit 29 State Com

Well: #706H Wellbore: ОН Design: Plan #0.2 Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference:

**Survey Calculation Method:** 

Well #706H

KB = 25 @ 3563.0usft KB = 25 @ 3563.0usft

Minimum Curvature

Project Lea County, NM (NAD 83 NME)

US State Plane 1983 Map System: System Datum:

North American Datum 1983 Geo Datum: New Mexico Eastern Zone Map Zone:

Mean Sea Level

Site Bandit 29 State Com

Northing: 435,375.00 usft 32° 11' 41.017 N Site Position: Latitude: From: Мар Easting: 771,884.00 usft Longitude: 103° 35' 16.930 W **Position Uncertainty:** 0.0 usft Slot Radius: 13-3/16 " **Grid Convergence:** 0.40°

Well #706H

-41.0 usft 435.334.00 usft 32° 11' 40.852 N **Well Position** +N/-S Northing: Latitude: 768,340.00 usft 103° 35' 58.175 W +E/-W -3,544.0 usft Easting: Longitude:

**Position Uncertainty** 0.0 usft Wellhead Elevation: **Ground Level:** 3,538.0 usft

Wellbore ОН

Magnetics **Model Name** Sample Date Declination Dip Angle Field Strength (°) (°) (nT) IGRF2015 3/12/2019 6.78 60.01 47.738.69726161

Plan #0.2 Design Audit Notes: Version: Phase: **PLAN** Tie On Depth: 0.0 Vertical Section: Depth From (TVD) +N/-S +E/-W Direction (usft) (usft) (usft) (°) 0.0 0.0 0.0 174.84

8/20/2019 **Plan Survey Tool Program** Date

**Depth From** Depth To

(usft) (usft) Survey (Wellbore) **Tool Name** Remarks

0.0 20,057.4 Plan #0.2 (OH) MWD

OWSG MWD - Standard

**Plan Sections** Vertical Measured Dogleg Build Turn Depth Inclination Azimuth Depth +N/-S +E/-W Rate Rate Rate TFO (usft) (°/100usft) (usft) (°/100usft) (°/100usft) (°) (usft) (usft) (°) (°) Target 0.00 0.00 0.00 0.0 0.0 0.0 0.0 0.00 0.00 0.00 1,300.0 0.00 0.00 1,300.0 0.0 0.0 0.00 0.00 0.00 0.00 1,638.5 6.77 55.68 16.5 2.00 2.00 0.00 55.68 1,637.7 11.3 7.317.6 6.77 55.68 7.277.3 388.7 569.5 0.00 0.00 0.00 0.00 586.0 7,656.2 0.00 0.00 7,615.0 400.0 2.00 -2.00 0.00 180.00 11,972.5 12,013.7 0.00 0.00 400.0 586.0 0.00 0.00 0.00 0.00 KOP(Bandit 29 St Cor 12,763.7 90.00 179.57 12,450.0 -77.4 589.6 12.00 12.00 23.94 179.57 20,057.4 90.00 179.57 12,450.0 -7,371.0 645.0 0.00 0.00 0.00 0.00 PBHL(Bandit 29 St Co



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Grid

nned 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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0									
	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	2.00	55.68	1,400.0	1.0	1.4	-0.9	2.00	2.00	0.00
1,500.0	4.00	55.68	1.499.8	3.9	5.8	-3.4	2.00	2.00	0.00
1,600.0	6.00	55.68	1,599.5	8.8	13.0	-3.4 -7.6	2.00	2.00	0.00
1,638.5	6.77	55.68	1,637.7		16.5	-7.0 -9.7	2.00	2.00	
				11.3					0.00
1,700.0	6.77	55.68	1,698.8	15.3	22.5	-13.3	0.00	0.00	0.00
1,800.0	6.77	55.68	1,798.1	22.0	32.2	-19.0	0.00	0.00	0.00
1,900.0	6.77	55.68	1,897.4	28.6	42.0	-24.8	0.00	0.00	0.00
2,000.0	6.77	55.68	1,996.7	35.3	51.7	-30.5	0.00	0.00	0.00
2,100.0	6.77	55.68	2,096.0	41.9	61.4	-36.2	0.00	0.00	0.00
2,200.0	6.77	55.68	2,195.3	48.6	71.2	-42.0	0.00	0.00	0.00
2,300.0	6.77	55.68	2,294.6	55.2	80.9	-47.7	0.00	0.00	0.00
2,400.0	6.77	55.68	2,393.9	61.9	90.6	-53.5	0.00	0.00	0.00
2,500.0	6.77	55.68	2,493.2	68.5	100.4	-59.2	0.00	0.00	0.00
2,600.0	6.77	55.68	2,592.5	75.2	110.1	-65.0	0.00	0.00	0.00
2,700.0	6.77	55.68	2,691.8	81.8	119.9	-70.7	0.00	0.00	0.00
2,800.0	6.77	55.68	2,791.1	88.5	129.6	-76.7 -76.5	0.00	0.00	0.00
2,900.0	6.77	55.68	2,890.4	95.1	139.3	-82.2	0.00	0.00	0.00
3,000.0	6.77	55.68	2,989.7	101.8	149.1	-87.9	0.00	0.00	0.00
3,100.0	6.77	55.68	3,089.0	108.4	158.8	-93.7	0.00	0.00	0.00
3,200.0	6.77	55.68	3,188.3	115.0	168.5	-99.4	0.00	0.00	0.00
3,300.0	6.77	55.68	3,287.6	121.7	178.3	-105.2	0.00	0.00	0.00
3,400.0	6.77	55.68	3,386.9	128.3	188.0	-110.9	0.00	0.00	0.00
3,500.0	6.77	55.68	3,486.2	135.0	197.8	-116.7	0.00	0.00	0.00
3,600.0	6.77	55.68	3,585.5	141.6	207.5	-110.7	0.00	0.00	0.00
3,700.0	6.77	55.68	3,684.8	148.3	217.2	-122. <del>4</del> -128.2	0.00	0.00	0.00
3,800.0	6.77	55.68	3,784.1	154.9	227.0	-126.2 -133.9	0.00	0.00	0.00
3,900.0	6.77	55.68	3,883.4	161.6	236.7	-139.6	0.00	0.00	0.00
4,000.0	6.77	55.68	3,982.7	168.2	246.4	-145.4	0.00	0.00	0.00
4,100.0	6.77	55.68	4,082.0	174.9	256.2	-151.1	0.00	0.00	0.00
4,200.0	6.77	55.68	4,181.3	181.5	265.9	-156.9	0.00	0.00	0.00
4,300.0	6.77	55.68	4,280.7	188.2	275.7	-162.6	0.00	0.00	0.00
4,400.0	6.77	55.68	4,380.0	194.8	285.4	-168.4	0.00	0.00	0.00
4,500.0	6.77	55.68	4,479.3	201.5	295.1	-174.1	0.00	0.00	0.00
4,600.0	6.77	55.68	4,578.6	208.1	304.9	-179.9	0.00	0.00	0.00
4,700.0	6.77	55.68	4,677.9	214.7	314.6	-185.6	0.00	0.00	0.00
4,800.0	6.77	55.68	4,777.2	221.4	324.3	-191.3	0.00	0.00	0.00
4,900.0	6.77 6.77	55.68	4,876.5	228.0	334.1	-197.1	0.00	0.00	0.00
5,000.0	6.77 6.77	55.68 55.68	4,975.8 5,075.1	234.7 241.3	343.8 353.6	-202.8 -208.6	0.00 0.00	0.00 0.00	0.00 0.00
5,100.0					<b>イワイド</b>	-/UX K		(1(1(1)	



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5,300.0	6.77	55.68	5,273.7	254.6	373.0	-220.1	0.00	0.00	0.00
5,400.0	6.77	55.68	5,373.0	261.3	382.8	-225.8	0.00	0.00	0.00
5,500.0	6.77	55.68	5,472.3	267.9	392.5	-231.6	0.00	0.00	0.00
5,600.0		55.68	5,571.6	274.6	402.2	-237.3	0.00	0.00	0.00
5,700.0		55.68	5,670.9	281.2	412.0	-243.1	0.00	0.00	0.00
5,800.0		55.68	5,770.2	287.9	421.7	-248.8	0.00	0.00	0.00
5,900.0	6.77	55.68	5,869.5	294.5	431.5	-254.5	0.00	0.00	0.00
6,000.0	6.77	55.68	5,968.8	301.2	441.2	-260.3	0.00	0.00	0.00
6,100.0	6.77	55.68	6,068.1	307.8	450.9	-266.0	0.00	0.00	0.00
6,200.0	6.77	55.68	6,167.4	314.4	460.7	-271.8	0.00	0.00	0.00
6,300.0		55.68	6,266.7	321.1	470.4	-277.5	0.00	0.00	0.00
6,400.0	6.77	55.68	6,366.0	327.7	480.1	-283.3	0.00	0.00	0.00
6,500.0	6.77	55.68	6,465.3	334.4	489.9	-289.0	0.00	0.00	0.00
6,600.0	6.77	55.68	6,564.6	341.0	499.6	-294.8	0.00	0.00	0.00
6,700.0	6.77	55.68	6,663.9	347.7	509.4	-300.5	0.00	0.00	0.00
6,800.0		55.68	6,763.2	354.3	519.1	-306.2	0.00	0.00	0.00
6,900.0	6.77	55.68	6,862.5	361.0	528.8	-312.0	0.00	0.00	0.00
7,000.0	6.77	55.68	6,961.8	367.6	538.6	-317.7	0.00	0.00	0.00
7,100.0	6.77	55.68	7,061.1	374.3	548.3	-323.5	0.00	0.00	0.00
7,200.0	6.77	55.68	7,160.4	380.9	558.0	-329.2	0.00	0.00	0.00
7,300.0		55.68	7,259.7	387.6	567.8	-335.0	0.00	0.00	0.00
7,317.6	6.77	55.68	7,277.3	388.7	569.5	-336.0	0.00	0.00	0.00
7,400.0	5.12	55.68	7,359.2	393.5	576.5	-340.1	2.00	-2.00	0.00
7,500.0	3.12	55.68	7,458.9	397.6	582.5	-343.6	2.00	-2.00	0.00
7,600.0	1.12	55.68	7,558.8	399.7	585.5	-345.4	2.00	-2.00	0.00
7,656.2		0.00	7,615.0	400.0	586.0	-345.7	2.00	-2.00	0.00
7,700.0		0.00	7,658.8	400.0	586.0	-345.7	0.00	0.00	0.00
7,800.0	0.00	0.00	7,758.8	400.0	586.0	-345.7	0.00	0.00	0.00
7,900.0	0.00	0.00	7,858.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,000.0	0.00	0.00	7,958.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,100.0	0.00	0.00	8,058.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,200.0	0.00	0.00	8,158.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,300.0	0.00	0.00	8,258.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,400.0		0.00	8,358.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,500.0		0.00	8,458.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,600.0		0.00	8,558.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,700.0	0.00	0.00	8,658.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,800.0	0.00	0.00	8,758.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,900.0		0.00	8,858.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,000.0		0.00	8,958.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,100.0		0.00	9,058.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,200.0		0.00	9,158.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,300.0	0.00	0.00	9,258.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,400.0	0.00	0.00	9,358.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,500.0		0.00	9,458.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,600.0		0.00	9,558.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,700.0		0.00	9,658.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,800.0	0.00	0.00	9,758.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,900.0		0.00	9,858.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,000.0		0.00	9,958.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,100.0		0.00	10,058.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,200.0	0.00	0.00	10,158.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,300.0	0.00	0.00	10,258.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,400.0	0.00	0.00	10,358.8	400.0	586.0	-345.7	0.00	0.00	0.00



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10,500.0 10,600.0	0.00 0.00	0.00 0.00	10,458.8 10,558.8	400.0 400.0	586.0 586.0	-345.7 -345.7	0.00 0.00	0.00 0.00	0.00 0.00		
10,700.0	0.00	0.00	10,658.8	400.0	586.0	-345.7	0.00	0.00	0.00		
10,800.0	0.00	0.00	10,758.8	400.0	586.0	-345.7	0.00	0.00	0.00		
10,900.0	0.00	0.00	10,858.8	400.0	586.0	-345.7	0.00	0.00	0.00		
11,000.0	0.00	0.00	10,958.8	400.0	586.0	-345.7	0.00	0.00	0.00		
11,100.0	0.00	0.00	11,058.8	400.0	586.0	-345.7	0.00	0.00	0.00		
11,200.0	0.00	0.00	11,158.8	400.0	586.0	-345.7	0.00	0.00	0.00		
11,300.0	0.00	0.00	11,258.8	400.0	586.0	-345.7	0.00	0.00	0.00		
11,400.0	0.00	0.00	11,358.8	400.0	586.0	-345.7	0.00	0.00	0.00		
11,500.0	0.00	0.00	11,458.8	400.0	586.0	-345.7	0.00	0.00	0.00		
11,600.0	0.00	0.00	11,558.8	400.0	586.0	-345.7	0.00	0.00	0.00		
11,700.0	0.00	0.00	11,658.8	400.0	586.0	-345.7	0.00	0.00	0.00		
11,800.0	0.00	0.00	11,758.8	400.0	586.0	-345.7 -345.7	0.00	0.00	0.00		
11,900.0	0.00	0.00	11,858.8	400.0	586.0	-345.7	0.00	0.00	0.00		
12,000.0	0.00	0.00	11,958.8	400.0	586.0	-345.7	0.00	0.00	0.00		
12,013.7	0.00	0.00	11,972.5	400.0	586.0	-345.7	0.00	0.00	0.00		
	29 St Com #706	H)									
12.025.0	1.36	, 179.57	11,983.8	399.9	586.0	-345.6	12.00	12.00	0.00		
12,025.0	4.36	179.57	12,008.8	399.9 398.6	586.0	-345.6 -344.3	12.00	12.00	0.00		
12,030.0	7.36	179.57	12,008.8	396.1	586.0	-344.3 -341.8	12.00	12.00	0.00		
12,075.0	7.36 10.36	179.57	12,033.7	390.1	586.1	-341.6 -338.0	12.00	12.00	0.00		
12,125.0	13.36	179.57	12,038.8	387.1	586.1	-332.8	12.00	12.00	0.00		
			•								
12,150.0	16.36	179.57	12,107.0	380.7	586.1	-326.5	12.00	12.00	0.00		
12,175.0	19.36	179.57	12,130.8	373.0	586.2	-318.8	12.00	12.00	0.00		
12,200.0 12,225.0	22.36 25.36	179.57 179.57	12,154.1 12,177.0	364.1 354.0	586.3 586.3	-309.9 -299.9	12.00 12.00	12.00 12.00	0.00 0.00		
12,250.0	28.36	179.57	12,177.0	342.7	586.4	-299.9 -288.6	12.00	12.00	0.00		
12,275.0	31.36	179.57	12,221.0	330.3	586.5	-276.2	12.00	12.00	0.00		
12,300.0	34.36	179.57	12,242.0	316.7	586.6	-262.7	12.00	12.00	0.00		
12,325.0 12,350.0	37.36 40.36	179.57 179.57	12,262.2 12,281.7	302.1 286.4	586.7 586.9	-248.1 -232.5	12.00 12.00	12.00 12.00	0.00 0.00		
12,375.0	43.36	179.57	12,300.3	269.7	587.0	-232.5 -215.8	12.00	12.00	0.00		
12,400.0	46.36	179.57	12,318.0	252.1	587.1	-198.3	12.00	12.00	0.00		
12,415.9	48.27	179.57	12,328.8	240.4	587.2	-186.6	12.00	12.00	0.00		
,	29 St Com #706	,	40.00:0	200 -	56= 6	470.0	46.55	40.00	2		
12,425.0	49.36	179.57	12,334.8	233.5	587.3	-179.8	12.00	12.00	0.00		
12,450.0 12,475.0	52.36 55.36	179.57 179.57	12,350.6	214.1 194.0	587.4 587.6	-160.5 -140.4	12.00 12.00	12.00 12.00	0.00 0.00		
12,475.0			12,365.3								
12,500.0	58.36	179.57	12,379.0	173.0	587.7	-119.5	12.00	12.00	0.00		
12,525.0	61.36	179.57	12,391.5	151.4	587.9	-98.0	12.00	12.00	0.00		
12,550.0	64.36	179.57	12,402.9	129.2	588.1	-75.8	12.00	12.00	0.00		
12,575.0	67.36	179.57	12,413.2	106.4	588.2	-53.1	12.00	12.00	0.00		
12,600.0	70.36	179.57	12,422.2	83.0	588.4	-29.8	12.00	12.00	0.00		
12,625.0	73.36	179.57	12,430.0	59.3	588.6	-6.1	12.00	12.00	0.00		
12,650.0	76.36	179.57	12,436.5	35.2	588.8	17.9	12.00	12.00	0.00		
12,675.0	79.36	179.57	12,441.8	10.7	589.0	42.3	12.00	12.00	0.00		
12,700.0	82.36	179.57	12,445.7	-14.0	589.1	66.9	12.00	12.00	0.00		
12,725.0	85.36	179.57	12,448.4	-38.8	589.3	91.6	12.00	12.00	0.00		
12,750.0	88.36	179.57	12,449.8	-63.8	589.5	116.5	12.00	12.00	0.00		
12,763.7	90.00	179.57	12,450.0	-77.4	589.6	130.1	12.00	12.00	0.00		
12,800.0	90.00	179.57	12,450.0	-113.8	589.9	166.3	0.00	0.00	0.00		
12,900.0	90.00	179.57	12,450.0	-213.8	590.7	266.0	0.00	0.00	0.00		
13,000.0	90.00	179.57	12,450.0	-313.8	591.4	365.6	0.00	0.00	0.00		



Database: EDM 5000.14

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)

Site: Bandit 29 State Com

 Well:
 #706H

 Wellbore:
 OH

 Design:
 Plan #0.2

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well #706H

KB = 25 @ 3563.0usft KB = 25 @ 3563.0usft

Grid

13,100.0	sign:	Plan #0.2								
Depth   Inclination   Azimuth   Depth   446,55   42,478   Section   Rate   Rate   (visft)   (v	inned Survey									
13,100.0 90.00 179.57 12,450.0 -413.8 592.2 465.3 0.00 0.00 13,200.0 90.00 179.57 12,450.0 -513.8 592.9 565.0 0.00 0.00 13,300.0 90.00 179.57 12,450.0 -513.8 592.9 565.0 0.00 0.00 13,400.0 90.00 179.57 12,450.0 -713.8 594.5 764.3 0.00 0.00 13,500.0 90.00 179.57 12,450.0 -713.8 594.5 764.3 0.00 0.00 0.00 13,500.0 90.00 179.57 12,450.0 -813.7 595.2 864.0 0.00 0.00 0.00 13,500.0 90.00 179.57 12,450.0 -813.7 595.2 864.0 0.00 0.00 0.00 13,500.0 90.00 179.57 12,450.0 -1,131.7 596.7 1,063.3 0.00 0.00 13,500.0 90.00 179.57 12,450.0 -1,131.7 596.7 1,063.3 0.00 0.00 13,500.0 90.00 179.57 12,450.0 -1,131.7 596.7 1,063.3 0.00 0.00 13,500.0 90.00 179.57 12,450.0 -1,131.7 596.3 1,362.3 0.00 0.00 13,500.0 90.00 179.57 12,450.0 -1,313.7 598.3 1,262.3 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,313.7 599.8 1,461.9 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,513.7 599.8 1,461.9 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,513.7 599.8 1,461.9 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,513.7 600.5 1,561.6 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,513.7 600.5 1,561.6 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,513.7 600.5 1,561.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,513.7 602.5 1,561.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,513.7 602.5 1,561.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,513.7 602.8 1,880.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,513.7 602.8 1,880.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,133.7 602.8 1,880.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,137.7 603.6 1,580.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,137.7 605.8 2,259.2 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,137.7 605.8 2,259.2 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,137.7 605.8 2,259.2 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,137.7 605.8 2,259.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,137.7 605.8 2,259.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,137.7 605.8 2,259.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,137.7 605.8 2,259.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,137.7 605.8 2,259.2 0.00 0.00 15,500.0 90	Depth			Depth			Section	Rate	Rate	Turn Rate (°/100usft)
13,200.0   90.00   179.67   12,450.0   -513.8   592.9   565.0   0.00   0.00   13,400.0   90.00   179.67   12,450.0   -513.8   594.5   764.3   0.00   0.00   0.00   13,500.0   90.00   179.67   12,450.0   -813.7   595.2   864.0   0.00   0.00   0.00   13,500.0   90.00   179.67   12,450.0   -813.7   596.0   963.6   0.00   0.00   0.00   13,700.0   90.00   179.67   12,450.0   -813.7   596.7   1,063.3   0.00   0.00   13,700.0   90.00   179.67   12,450.0   -1,113.7   597.5   1,162.9   0.00   0.00   13,900.0   90.00   179.67   12,450.0   -1,113.7   597.5   1,162.9   0.00   0.00   14,000.0   90.00   179.67   12,450.0   -1,313.7   599.3   1,262.6   0.00   0.00   14,000.0   90.00   179.67   12,450.0   -1,313.7   599.8   1,262.6   0.00   0.00   14,200.0   90.00   179.67   12,450.0   -1,313.7   599.8   1,262.6   0.00   0.00   14,200.0   90.00   179.67   12,450.0   -1,313.7   599.8   1,262.6   0.00   0.00   14,200.0   90.00   179.67   12,450.0   -1,313.7   690.5   1,561.3   0.00   0.00   14,400.0   90.00   179.67   12,450.0   -1,613.7   601.3   1,661.2   0.00   0.00   14,400.0   90.00   179.67   12,450.0   -1,613.7   601.3   1,661.2   0.00   0.00   14,400.0   90.00   179.67   12,450.0   -1,813.7   602.0   1,760.9   0.00   0.00   14,400.0   90.00   179.67   12,450.0   -1,813.7   602.0   1,760.9   0.00   0.00   14,400.0   90.00   179.67   12,450.0   -1,813.7   602.0   1,760.9   0.00   0.00   14,400.0   90.00   179.67   12,450.0   -2,113.7   602.6   1,260.2   0.00   0.00   14,800.0   90.00   179.67   12,450.0   -2,113.7   605.6   2,256.9   0.00   0.00   14,800.0   90.00   179.67   12,450.0   -2,113.7   605.1   2,156.5   0.00   0.00   15,000.0   90.00   179.67   12,450.0   -2,113.7   606.6   2,369.9   0.00   0.00   15,000.0   90.00   179.67   12,450.0   -2,113.7   606.6   2,256.5   0.00   0.00   15,000.0   90.00   179.67   12,450.0   -2,113.7   606.6   2,256.9   0.00   0.00   15,000.0   90.00   179.67   12,450.0   -2,113.7   606.6   2,256.5   0.00   0.00   15,000.0   179.67   12,450.0   -2,113.7   606.6   2,256.9   0.00   0.00		( )	( )		()					
13,300.0   90.00   179.57   12,450.0   -13.8   593.7   684.6   0.00   0.00   13,500.0   90.00   179.57   12,450.0   -713.8   594.5   784.3   0.00   0.00   0.00   13,500.0   90.00   179.57   12,450.0   -813.7   595.2   864.0   0.00   0.00   0.00   13,500.0   90.00   179.57   12,450.0   -1,013.7   595.7   1,063.3   0.00   0.00   0.00   13,800.0   90.00   179.57   12,450.0   -1,013.7   595.5   1,162.9   0.00   0.00   13,800.0   90.00   179.57   12,450.0   -1,213.7   595.5   1,162.9   0.00   0.00   14,000.0   90.00   179.57   12,450.0   -1,213.7   595.5   1,162.9   0.00   0.00   14,000.0   90.00   179.57   12,450.0   -1,313.7   599.0   1,362.3   0.00   0.00   14,000.0   90.00   179.57   12,450.0   -1,513.7   599.0   1,362.3   0.00   0.00   14,200.0   90.00   179.57   12,450.0   -1,513.7   600.5   1,561.6   0.00   0.00   14,300.0   90.00   179.57   12,450.0   -1,513.7   600.5   1,561.6   0.00   0.00   14,300.0   90.00   179.57   12,450.0   -1,513.7   600.5   1,561.6   0.00   0.00   14,500.0   90.00   179.57   12,450.0   -1,713.7   602.8   1,860.6   0.00   0.00   14,500.0   90.00   179.57   12,450.0   -1,713.7   602.8   1,860.6   0.00   0.00   14,500.0   90.00   179.57   12,450.0   -2,213.7   602.8   1,860.6   0.00   0.00   14,500.0   90.00   179.57   12,450.0   -2,113.7   602.8   1,860.6   0.00   0.00   14,500.0   90.00   179.57   12,450.0   -2,213.7   603.8   1,860.6   0.00   0.00   14,800.0   90.00   179.57   12,450.0   -2,213.7   603.8   1,860.6   0.00   0.00   14,800.0   90.00   179.57   12,450.0   -2,213.7   603.8   2,259.2   0.00   0.00   14,800.0   90.00   179.57   12,450.0   -2,213.7   605.8   2,259.2   0.00   0.00   15,000.0   90.00   179.57   12,450.0   -2,213.7   605.8   2,259.2   0.00   0.00   15,000.0   90.00   179.57   12,450.0   -2,213.7   606.6   2,356.9   0.00   0.00   15,000.0   90.00   179.57   12,450.0   -2,213.7   608.6   2,356.9   0.00   0.00   15,000.0   90.00   179.57   12,450.0   -2,133.7   606.6   2,356.9   0.00   0.00   15,000.0   90.00   179.57   12,450.0   -2,133.7   608.6   2,356.9										0.00
13,400.0   90.00   179.67   12,450.0   -813.7   595.2   864.0   0.00   0.00   13,600.0   90.00   179.67   12,450.0   -813.7   596.0   963.6   0.00   0.00   0.00   13,700.0   90.00   179.67   12,450.0   -813.7   596.7   1,063.3   0.00   0.00   0.00   13,700.0   90.00   179.67   12,450.0   -1,113.7   597.5   1,162.9   0.00   0.00   13,900.0   90.00   179.67   12,450.0   -1,113.7   597.5   1,162.9   0.00   0.00   14,000.0   90.00   179.67   12,450.0   -1,213.7   599.3   1,262.6   0.00   0.00   14,000.0   90.00   179.67   12,450.0   -1,313.7   599.3   1,262.6   0.00   0.00   14,000.0   90.00   179.67   12,450.0   -1,313.7   599.8   1,362.3   0.00   0.00   14,000.0   90.00   179.67   12,450.0   -1,313.7   599.8   1,461.9   0.00   0.00   14,300.0   90.00   179.67   12,450.0   -1,813.7   600.5   1,581.8   0.00   0.00   14,300.0   90.00   179.67   12,450.0   -1,813.7   601.3   1,581.2   0.00   0.00   14,500.0   90.00   179.67   12,450.0   -1,813.7   602.0   1,760.9   0.00   0.00   14,500.0   90.00   179.67   12,450.0   -1,813.7   602.8   1,860.8   0.00   0.00   14,500.0   90.00   179.67   12,450.0   -2,013.7   604.3   2,059.9   0.00   0.00   14,800.0   90.00   179.67   12,450.0   -2,013.7   604.3   2,059.9   0.00   0.00   14,800.0   90.00   179.67   12,450.0   -2,013.7   605.1   2,159.5   0.00   0.00   14,800.0   90.00   179.67   12,450.0   -2,113.7   605.1   2,159.5   0.00   0.00   15,000.0   90.00   179.67   12,450.0   -2,113.7   605.1   2,159.5   0.00   0.00   15,000.0   90.00   179.67   12,450.0   -2,113.7   605.1   2,159.5   0.00   0.00   15,000.0   90.00   179.67   12,450.0   -2,113.7   606.6   2,369.9   0.00   0.00   15,000.0   90.00   179.67   12,450.0   -2,113.7   606.6   2,369.9   0.00   0.00   15,000.0   90.00   179.67   12,450.0   -2,113.7   606.6   2,369.9   0.00   0.00   15,000.0   90.00   179.67   12,450.0   -2,113.7   606.6   2,369.9   0.00   0.00   15,000.0   90.00   179.67   12,450.0   -2,113.7   606.6   2,369.9   0.00   0.00   15,000.0   15,000.0   90.00   179.67   12,450.0   -2,113.7   606.6   2,3	13,200.0	90.00	179.57	12,450.0	-513.8	592.9	565.0		0.00	0.00
13,500.0 90.00 179.57 12,450.0 -813.7 596.2 864.0 0.00 0.00 13,600.0 90.00 179.57 12,450.0 -103.7 596.0 963.6 0.00 0.00 13,700.0 90.00 179.57 12,450.0 -1,013.7 596.7 1,663.3 0.00 0.00 13,800.0 90.00 179.57 12,450.0 -1,131.7 597.5 1,62.9 0.00 0.00 13,800.0 90.00 179.57 12,450.0 -1,213.7 598.3 1,262.6 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,313.7 599.0 1,362.3 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,313.7 599.0 1,362.3 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,313.7 599.0 1,362.3 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,513.7 690.8 1,461.9 0.00 0.00 14,300.0 90.00 179.57 12,450.0 -1,613.7 690.5 1,561.6 0.00 0.00 14,300.0 90.00 179.57 12,450.0 -1,613.7 601.3 1,661.2 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,613.7 602.5 1,561.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,813.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,813.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,813.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,131.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,131.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,213.7 603.8 1,960.2 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,213.7 606.8 2,259.2 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,213.7 606.8 2,259.2 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,213.7 606.8 2,259.2 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 606.8 2,259.2 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 606.8 2,259.2 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 608.8 2,259.2 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 608.8 2,259.2 0.00 0.00 15,000.0 179.57 12,450.0 -2,213.7 608.8 2,259.2 0.00 0.00 15,000.0 179.57 12,450.0 -2,213.7 608.8 2,259.2 0.00 0.00 15,000.0 179.57 12,450.0 -2,213.7 608.8 2,259.2 0.00 0.00 15,000.0 179.57 12,450.0 -2,213.7 608.8 2,259.2 0.00 0.00 0.00 15,000.0 179.57 12,450.0 -2,213.7 608.8 2,259.2 0.00 0.00 0.00 15,000.0 179.57 12,450.0 -3,313.7 616.5 3,365.6 0.00 0.00 0.00 179.57 12,450.0 -3,313.7 616.5 3,365.6 0.00 0.00 0.00 179.57 12,450.0 -3,313.7 616.5 3,365.6	13,300.0	90.00	179.57	12,450.0	-613.8	593.7	664.6	0.00	0.00	0.00
13,600.0 90.00 179,57 12,450.0 -913.7 596.0 963.6 0.00 0.00 13,700.0 90.00 179,57 12,450.0 -1,013.7 596.7 1,063.3 0.00 0.00 13,900.0 90.00 179,57 12,450.0 -1,113.7 596.5 1,162.9 0.00 0.00 14,000.0 90.00 179,57 12,450.0 -1,213.7 596.3 1,262.6 0.00 0.00 14,000.0 90.00 179,57 12,450.0 -1,313.7 599.0 1,362.3 0.00 0.00 14,000.0 90.00 179,57 12,450.0 -1,313.7 599.8 1,461.9 0.00 0.00 14,200.0 90.00 179,57 12,450.0 -1,513.7 600.5 1,561.6 0.00 0.00 14,200.0 90.00 179,57 12,450.0 -1,513.7 600.5 1,561.6 0.00 0.00 14,400.0 90.00 179,57 12,450.0 -1,613.7 601.3 1,661.2 0.00 0.00 14,400.0 90.00 179,57 12,450.0 -1,713.7 602.0 1,760.9 0.00 0.00 14,400.0 90.00 179,57 12,450.0 -1,813.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179,57 12,450.0 -1,913.7 602.8 1,860.6 0.00 0.00 14,700.0 90.00 179,57 12,450.0 -2,113.7 602.8 1,860.6 0.00 0.00 14,700.0 90.00 179,57 12,450.0 -2,113.7 603.8 1,860.6 0.00 0.00 14,800.0 90.00 179,57 12,450.0 -2,113.7 603.6 1,960.2 0.00 0.00 14,800.0 90.00 179,57 12,450.0 -2,113.7 603.6 1,960.2 0.00 0.00 14,800.0 90.00 179,57 12,450.0 -2,113.7 605.1 2,159.5 0.00 0.00 14,900.0 90.00 179,57 12,450.0 -2,213.7 605.8 12,159.5 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -2,213.7 605.8 12,159.5 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -2,213.7 605.8 12,159.5 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -2,213.7 605.8 12,159.5 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -2,213.7 605.8 12,159.5 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -2,213.7 605.8 12,159.5 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -2,213.7 605.8 12,159.5 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -2,213.7 605.8 12,159.5 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -2,213.7 605.8 12,558.2 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -2,213.7 605.8 12,558.2 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -3,313.7 616.4 2,857.2 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -3,313.7 616.4 2,857.2 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -3,313.7 616.2 3,355.5 0.00 0.00 15,000.0 90.00 179,57 12,450.0 -3,313.7 616.2 3,355.5 0.00 0.00 16,000.0 90.00 179,57 12,450.0 -3,313.7 616.2 3,355.5 0.	13,400.0	90.00	179.57	12,450.0	-713.8	594.5	764.3	0.00	0.00	0.00
13,700.0 90.00 179.57 12,450.0 -1,013.7 596.7 1,063.3 0.00 0.00 138,00.0 90.00 179.57 12,450.0 -1,113.7 597.5 1,162.9 0.00 0.00 143,00.0 90.00 179.57 12,450.0 -1,213.7 599.3 1,262.6 0.00 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,313.7 599.8 1,461.9 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,313.7 599.8 1,461.9 0.00 0.00 14,200.0 90.00 179.57 12,450.0 -1,613.7 600.5 1,561.6 0.00 0.00 14,200.0 90.00 179.57 12,450.0 -1,613.7 600.5 1,561.6 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,613.7 601.3 1,661.2 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,613.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,713.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,913.7 603.6 1,960.2 0.00 0.00 14,700.0 90.00 179.57 12,450.0 -1,913.7 603.6 1,960.2 0.00 0.00 14,700.0 90.00 179.57 12,450.0 -2,113.7 603.6 1,960.2 0.00 0.00 14,900.0 90.00 179.57 12,450.0 -2,213.7 604.3 2,059.9 0.00 0.00 14,900.0 90.00 179.57 12,450.0 -2,213.7 605.8 2,259.2 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 605.8 2,259.2 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 605.8 2,259.2 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 606.6 2,358.9 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 606.8 2,358.9 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 606.6 2,358.9 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 606.6 2,358.9 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 606.6 2,358.2 0.00 0.00 15,400.0 90.00 179.57 12,450.0 -2,213.7 606.6 2,358.2 0.00 0.00 15,400.0 90.00 179.57 12,450.0 -2,213.7 606.6 2,358.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,213.7 606.6 2,358.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,313.7 606.6 2,358.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,313.7 606.6 2,358.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -3,313.7 616.2 2,956.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -3,313.7 616.2 2,956.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -3,313.7 616.2 2,956.8 0.00 0.00 179.57 12,450.0 -3,313.7 616.5 3,365.4 0.00 0.00 16,500.0 90.00 179.57 12,450.0 -3,313.7 616.5 3,365.4 0.00 0.00 0.00 179	13,500.0	90.00	179.57	12,450.0	-813.7	595.2	864.0	0.00	0.00	0.00
13,800.0 90.00 179.57 12,450.0 -1,113.7 597.5 1,162.9 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,313.7 599.0 1,362.3 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,313.7 599.0 1,362.3 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,313.7 599.0 1,362.3 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,513.7 699.8 1,461.9 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,513.7 600.5 1,561.6 0.00 0.00 14,300.0 90.00 179.57 12,450.0 -1,613.7 601.3 1,661.2 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,713.7 601.3 1,661.2 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,713.7 602.0 1,760.9 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,813.7 602.6 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,813.7 602.6 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,113.7 603.6 1,960.2 0.00 0.00 14,800.0 90.00 179.57 12,450.0 -2,113.7 603.6 1,960.2 0.00 0.00 14,800.0 90.00 179.57 12,450.0 -2,113.7 605.1 2,159.5 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 605.1 2,159.5 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 605.6 2,259.2 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 605.6 2,259.2 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 605.6 2,358.9 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 606.6 2,358.9 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 606.6 2,358.9 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,213.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,213.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,813.7 610.4 2,857.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,313.7 610.4 2,857.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,313.7 610.4 2,857.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -3,313.7 610.4 2,857.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -3,313.7 610.4 2,857.2 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -3,313.7 610.4 2,857.2 0.00 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -3,313.7 618.0 3,853.8 0.00 0.00 0.00 16,000.0 90.00 179.57 12,450.0 -3,313.7 618.8 3,953.4 0.00 0.00 0.00 16,000.0 90.00 179.57 12,450.0 -3,133.7 618.0 3	13,600.0	90.00	179.57	12,450.0	-913.7	596.0	963.6	0.00	0.00	0.00
13,900.0 90.00 179.57 12,450.0 -1,213.7 599.0 1,362.3 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,313.7 599.0 1,362.3 0.00 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,413.7 599.8 1,461.9 0.00 0.00 0.00 14,200.0 90.00 179.57 12,450.0 -1,513.7 600.5 1,561.6 0.00 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,613.7 601.5 1,561.6 0.00 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,613.7 602.0 1,760.9 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,813.7 602.0 1,760.9 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,813.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,813.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,013.7 603.6 1,960.2 0.00 0.00 14,800.0 90.00 179.57 12,450.0 -2,113.7 603.6 1,960.2 0.00 0.00 14,800.0 90.00 179.57 12,450.0 -2,213.7 603.6 1,960.2 0.00 0.00 14,900.0 90.00 179.57 12,450.0 -2,213.7 605.6 2,259.2 0.00 0.00 14,900.0 90.00 179.57 12,450.0 -2,213.7 605.6 2,358.9 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 605.6 2,358.9 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 605.6 2,358.9 0.00 0.00 15,200.0 90.00 179.57 12,450.0 -2,213.7 608.6 2,358.9 0.00 0.00 15,200.0 90.00 179.57 12,450.0 -2,513.7 608.1 2,558.2 0.00 0.00 15,300.0 90.00 179.57 12,450.0 -2,713.7 608.6 2,358.9 0.00 0.00 15,300.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,600.0 90.00 179.57 12,450.0 -3,113.7 611.2 2,956.8 0.00 0.00 15,600.0 90.00 179.57 12,450.0 -3,113.7 611.2 2,956.8 0.00 0.00 15,600.0 90.00 179.57 12,450.0 -3,113.7 611.2 2,956.8 0.00 0.00 16,600.0 90.00 179.57 12,450.0 -3,113.7 611.2 3,556.8 0.00 0.00 16,600.0 90.00 179.57 12,450.0 -3,113.7 618.8 3,953.4 0.00 0.00 16,600.0 90.00 179.57 12,450.0 -3,113.7 618.8 3,953.4 0.00 0.00 0.00 179.57 12,450.0 -4,113.7 619.5 4,653.	13,700.0	90.00	179.57	12,450.0	-1,013.7	596.7	1,063.3	0.00	0.00	0.00
13,900.0 90.00 179.57 12,450.0 -1,213.7 599.0 1,362.3 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,313.7 599.0 1,362.3 0.00 0.00 0.00 14,000.0 90.00 179.57 12,450.0 -1,413.7 599.8 1,461.9 0.00 0.00 0.00 14,200.0 90.00 179.57 12,450.0 -1,513.7 600.5 1,561.6 0.00 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,613.7 601.5 1,561.6 0.00 0.00 0.00 14,400.0 90.00 179.57 12,450.0 -1,613.7 602.0 1,760.9 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,813.7 602.0 1,760.9 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,813.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -1,813.7 602.8 1,860.6 0.00 0.00 14,500.0 90.00 179.57 12,450.0 -2,013.7 603.6 1,960.2 0.00 0.00 14,800.0 90.00 179.57 12,450.0 -2,113.7 603.6 1,960.2 0.00 0.00 14,800.0 90.00 179.57 12,450.0 -2,213.7 603.6 1,960.2 0.00 0.00 14,900.0 90.00 179.57 12,450.0 -2,213.7 605.6 2,259.2 0.00 0.00 14,900.0 90.00 179.57 12,450.0 -2,213.7 605.6 2,358.9 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 605.6 2,358.9 0.00 0.00 15,000.0 90.00 179.57 12,450.0 -2,213.7 605.6 2,358.9 0.00 0.00 15,200.0 90.00 179.57 12,450.0 -2,213.7 608.6 2,358.9 0.00 0.00 15,200.0 90.00 179.57 12,450.0 -2,513.7 608.1 2,558.2 0.00 0.00 15,300.0 90.00 179.57 12,450.0 -2,713.7 608.6 2,358.9 0.00 0.00 15,300.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,500.0 90.00 179.57 12,450.0 -2,713.7 608.9 2,657.8 0.00 0.00 15,600.0 90.00 179.57 12,450.0 -3,113.7 611.2 2,956.8 0.00 0.00 15,600.0 90.00 179.57 12,450.0 -3,113.7 611.2 2,956.8 0.00 0.00 15,600.0 90.00 179.57 12,450.0 -3,113.7 611.2 2,956.8 0.00 0.00 16,600.0 90.00 179.57 12,450.0 -3,113.7 611.2 3,556.8 0.00 0.00 16,600.0 90.00 179.57 12,450.0 -3,113.7 618.8 3,953.4 0.00 0.00 16,600.0 90.00 179.57 12,450.0 -3,113.7 618.8 3,953.4 0.00 0.00 0.00 179.57 12,450.0 -4,113.7 619.5 4,653.	13,800.0	90.00	179.57	12,450.0	-1,113.7	597.5	1,162.9	0.00	0.00	0.00
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14,800.0       90.00       179.57       12,450.0       -2,213.7       605.1       2,159.5       0.00       0.00         14,900.0       90.00       179.57       12,450.0       -2,213.7       605.8       2,259.2       0.00       0.00         15,000.0       90.00       179.57       12,450.0       -2,313.7       606.6       2,358.9       0.00       0.00         15,100.0       90.00       179.57       12,450.0       -2,413.7       607.4       2,458.5       0.00       0.00         15,200.0       90.00       179.57       12,450.0       -2,613.7       608.1       2,558.2       0.00       0.00         15,300.0       90.00       179.57       12,450.0       -2,613.7       608.9       2,657.8       0.00       0.00         15,600.0       90.00       179.57       12,450.0       -2,713.7       609.6       2,757.5       0.00       0.00         15,600.0       90.00       179.57       12,450.0       -2,913.7       611.2       2,956.8       0.00       0.00         15,700.0       90.00       179.57       12,450.0       -3,113.7       611.2       3,056.5       0.00       0.00         15,800.0       90.00       179.57 </td <td>14,600.0</td> <td>90.00</td> <td>179.57</td> <td>12,450.0</td> <td>-1,913.7</td> <td>603.6</td> <td>1,960.2</td> <td>0.00</td> <td>0.00</td> <td>0.00</td>	14,600.0	90.00	179.57	12,450.0	-1,913.7	603.6	1,960.2	0.00	0.00	0.00
14,900.0       90.00       179.57       12,450.0       -2,213.7       605.8       2,259.2       0.00       0.00         15,000.0       90.00       179.57       12,450.0       -2,213.7       606.6       2,358.9       0.00       0.00         15,100.0       90.00       179.57       12,450.0       -2,513.7       608.1       2,558.2       0.00       0.00         15,200.0       90.00       179.57       12,450.0       -2,513.7       608.1       2,558.2       0.00       0.00         15,300.0       90.00       179.57       12,450.0       -2,2613.7       608.9       2,657.8       0.00       0.00         15,400.0       90.00       179.57       12,450.0       -2,213.7       609.6       2,757.5       0.00       0.00         15,600.0       90.00       179.57       12,450.0       -2,813.7       610.4       2,857.2       0.00       0.00         15,600.0       90.00       179.57       12,450.0       -3,213.7       611.2       2,956.8       0.00       0.00         15,800.0       90.00       179.57       12,450.0       -3,313.7       612.7       3,166.1       0.00       0.00         15,900.0       90.00       179.57<	14,700.0	90.00	179.57	12,450.0		604.3	2,059.9	0.00	0.00	0.00
14,900.0       90.00       179.57       12,450.0       -2,213.7       605.8       2,259.2       0.00       0.00         15,000.0       90.00       179.57       12,450.0       -2,213.7       606.6       2,358.9       0.00       0.00         15,100.0       90.00       179.57       12,450.0       -2,513.7       608.1       2,558.2       0.00       0.00         15,200.0       90.00       179.57       12,450.0       -2,513.7       608.1       2,558.2       0.00       0.00         15,300.0       90.00       179.57       12,450.0       -2,613.7       608.9       2,657.8       0.00       0.00         15,400.0       90.00       179.57       12,450.0       -2,213.7       609.6       2,757.5       0.00       0.00         15,600.0       90.00       179.57       12,450.0       -2,213.7       610.4       2,857.2       0.00       0.00         15,600.0       90.00       179.57       12,450.0       -3,013.7       611.2       2,956.8       0.00       0.00         15,800.0       90.00       179.57       12,450.0       -3,113.7       612.7       3,166.1       0.00       0.00         15,900.0       90.00       179.57 </td <td>14.800.0</td> <td>90.00</td> <td>179.57</td> <td>12.450.0</td> <td>-2.113.7</td> <td>605.1</td> <td>2.159.5</td> <td>0.00</td> <td>0.00</td> <td>0.00</td>	14.800.0	90.00	179.57	12.450.0	-2.113.7	605.1	2.159.5	0.00	0.00	0.00
15,000.0         90.00         179.57         12,450.0         -2,313.7         606.6         2,358.9         0.00         0.00           15,100.0         90.00         179.57         12,450.0         -2,413.7         607.4         2,458.5         0.00         0.00           15,200.0         90.00         179.57         12,450.0         -2,613.7         608.9         2,657.8         0.00         0.00           15,300.0         90.00         179.57         12,450.0         -2,713.7         609.6         2,757.5         0.00         0.00           15,500.0         90.00         179.57         12,450.0         -2,713.7         609.6         2,757.5         0.00         0.00           15,600.0         90.00         179.57         12,450.0         -2,813.7         610.4         2,857.2         0.00         0.00           15,600.0         90.00         179.57         12,450.0         -2,813.7         611.2         2,956.8         0.00         0.00           15,800.0         90.00         179.57         12,450.0         -3,113.7         612.7         3,156.1         0.00         0.00           16,900.0         90.00         179.57         12,450.0         -3,313.7         614.2										0.00
15,200.0         90.00         179.57         12,450.0         -2,513.7         608.1         2,558.2         0.00         0.00           15,300.0         90.00         179.57         12,450.0         -2,613.7         608.9         2,657.8         0.00         0.00           15,400.0         90.00         179.57         12,450.0         -2,713.7         609.6         2,757.5         0.00         0.00           15,500.0         90.00         179.57         12,450.0         -2,813.7         610.4         2,857.2         0.00         0.00           15,600.0         90.00         179.57         12,450.0         -3,013.7         611.2         2,956.8         0.00         0.00           15,700.0         90.00         179.57         12,450.0         -3,013.7         611.2         2,956.8         0.00         0.00           15,800.0         90.00         179.57         12,450.0         -3,113.7         612.7         3,156.1         0.00         0.00           15,900.0         90.00         179.57         12,450.0         -3,213.7         613.4         3,255.8         0.00         0.00           16,000.0         90.00         179.57         12,450.0         -3,613.7         615.0										0.00
15,200.0         90.00         179.57         12,450.0         -2,513.7         608.1         2,558.2         0.00         0.00           15,300.0         90.00         179.57         12,450.0         -2,613.7         608.9         2,657.8         0.00         0.00           15,400.0         90.00         179.57         12,450.0         -2,713.7         609.6         2,757.5         0.00         0.00           15,500.0         90.00         179.57         12,450.0         -2,813.7         610.4         2,857.2         0.00         0.00           15,600.0         90.00         179.57         12,450.0         -3,013.7         611.2         2,956.8         0.00         0.00           15,700.0         90.00         179.57         12,450.0         -3,013.7         611.2         2,956.8         0.00         0.00           15,800.0         90.00         179.57         12,450.0         -3,113.7         612.7         3,156.1         0.00         0.00           15,900.0         90.00         179.57         12,450.0         -3,213.7         613.4         3,255.8         0.00         0.00           16,000.0         90.00         179.57         12,450.0         -3,613.7         615.0										0.00
15,300.0         90.00         179.57         12,450.0         -2,613.7         608.9         2,657.8         0.00         0.00           15,400.0         90.00         179.57         12,450.0         -2,713.7         609.6         2,757.5         0.00         0.00           15,600.0         90.00         179.57         12,450.0         -2,813.7         610.4         2,857.2         0.00         0.00           15,600.0         90.00         179.57         12,450.0         -2,913.7         611.2         2,956.8         0.00         0.00           15,700.0         90.00         179.57         12,450.0         -3,013.7         611.9         3,056.5         0.00         0.00           15,800.0         90.00         179.57         12,450.0         -3,113.7         612.7         3,156.1         0.00         0.00           16,900.0         90.00         179.57         12,450.0         -3,213.7         613.4         3,255.8         0.00         0.00           16,100.0         90.00         179.57         12,450.0         -3,413.7         615.0         3,455.1         0.00         0.00           16,200.0         90.00         179.57         12,450.0         -3,613.7         616.5										
15,400.0         90.00         179.57         12,450.0         -2,713.7         609.6         2,757.5         0.00         0.00           15,500.0         90.00         179.57         12,450.0         -2,813.7         610.4         2,857.2         0.00         0.00           15,600.0         90.00         179.57         12,450.0         -2,913.7         611.2         2,956.8         0.00         0.00           15,700.0         90.00         179.57         12,450.0         -3,113.7         611.9         3,056.5         0.00         0.00           15,800.0         90.00         179.57         12,450.0         -3,113.7         612.7         3,156.1         0.00         0.00           15,900.0         90.00         179.57         12,450.0         -3,213.7         613.4         3,255.8         0.00         0.00           16,000.0         90.00         179.57         12,450.0         -3,313.7         614.2         3,355.5         0.00         0.00           16,200.0         90.00         179.57         12,450.0         -3,613.7         615.0         3,455.1         0.00         0.00           16,300.0         90.00         179.57         12,450.0         -3,713.7         616.5										0.00
15,500.0         90.00         179.57         12,450.0         -2,813.7         610.4         2,857.2         0.00         0.00           15,600.0         90.00         179.57         12,450.0         -2,913.7         611.2         2,956.8         0.00         0.00           15,700.0         90.00         179.57         12,450.0         -3,013.7         611.9         3,056.5         0.00         0.00           15,800.0         90.00         179.57         12,450.0         -3,113.7         612.7         3,156.1         0.00         0.00           16,900.0         90.00         179.57         12,450.0         -3,213.7         613.4         3,255.8         0.00         0.00           16,000.0         90.00         179.57         12,450.0         -3,313.7         614.2         3,355.5         0.00         0.00           16,100.0         90.00         179.57         12,450.0         -3,413.7         615.0         3,455.1         0.00         0.00           16,200.0         90.00         179.57         12,450.0         -3,513.7         615.7         3,554.8         0.00         0.00           16,300.0         90.00         179.57         12,450.0         -3,613.7         616.5										0.00
15,600.0 90.00 179.57 12,450.0 -2,913.7 611.2 2,956.8 0.00 0.00 15,700.0 90.00 179.57 12,450.0 -3,013.7 611.9 3,056.5 0.00 0.00 15,800.0 90.00 179.57 12,450.0 -3,113.7 612.7 3,156.1 0.00 0.00 15,900.0 90.00 179.57 12,450.0 -3,213.7 613.4 3,255.8 0.00 0.00 16,000.0 90.00 179.57 12,450.0 -3,213.7 614.2 3,355.5 0.00 0.00 16,000.0 90.00 179.57 12,450.0 -3,313.7 614.2 3,355.5 0.00 0.00 16,000.0 90.00 179.57 12,450.0 -3,313.7 614.2 3,355.5 0.00 0.00 16,200.0 90.00 179.57 12,450.0 -3,513.7 615.0 3,455.1 0.00 0.00 16,200.0 90.00 179.57 12,450.0 -3,613.7 615.7 3,554.8 0.00 0.00 16,300.0 90.00 179.57 12,450.0 -3,613.7 616.5 3,654.4 0.00 0.00 16,400.0 90.00 179.57 12,450.0 -3,613.7 616.5 3,654.4 0.00 0.00 16,500.0 90.00 179.57 12,450.0 -3,713.7 617.2 3,754.1 0.00 0.00 16,500.0 90.00 179.57 12,450.0 -3,813.7 618.8 3,953.8 0.00 0.00 16,600.0 90.00 179.57 12,450.0 -3,813.7 618.8 3,953.4 0.00 0.00 16,700.0 90.00 179.57 12,450.0 -4,013.7 619.5 4,053.1 0.00 0.00 16,700.0 90.00 179.57 12,450.0 -4,113.7 620.3 4,152.8 0.00 0.00 16,900.0 90.00 179.57 12,450.0 -4,113.7 620.3 4,152.8 0.00 0.00 17,000.0 90.00 179.57 12,450.0 -4,113.7 620.3 4,152.8 0.00 0.00 17,000.0 90.00 179.57 12,450.0 -4,213.7 621.0 4,252.4 0.00 0.00 17,000.0 90.00 179.57 12,450.0 -4,213.7 621.8 4,352.1 0.00 0.00 17,000.0 90.00 179.57 12,450.0 -4,213.7 621.0 4,252.4 0.00 0.00 17,000.0 90.00 179.57 12,450.0 -4,213.7 621.0 4,252.4 0.00 0.00 17,000.0 90.00 179.57 12,450.0 -4,313.6 621.8 4,352.1 0.00 0.00 17,000.0 90.00 179.57 12,450.0 -4,313.6 621.8 4,352.1 0.00 0.00 17,200.0 90.00 179.57 12,450.0 -4,513.6 623.3 4,551.4 0.00 0.00 17,200.0 90.00 179.57 12,450.0 -4,513.6 623.3 4,551.4 0.00 0.00 17,500.0 90.00 179.57 12,450.0 -4,513.6 624.8 4,750.7 0.00 0.00 17,500.0 90.00 179.57 12,450.0 -4,613.6 624.1 4,651.1 0.00 0.00 17,500.0 90.00 179.57 12,450.0 -4,613.6 624.1 4,651.1 0.00 0.00 17,500.0 90.00 179.57 12,450.0 -4,613.6 626.3 4,950.0 0.00 0.00 17,500.0 90.00 179.57 12,450.0 -4,613.6 626.3 4,950.0 0.00 0.00 17,500.0 90.00 179.57 12,450.0 -5,013.6 626.3 4,950.0 0.00 0.0		90.00				609.6				0.00
15,700.0         90.00         179.57         12,450.0         -3,013.7         611.9         3,056.5         0.00         0.00           15,800.0         90.00         179.57         12,450.0         -3,113.7         612.7         3,156.1         0.00         0.00           15,900.0         90.00         179.57         12,450.0         -3,213.7         613.4         3,255.8         0.00         0.00           16,000.0         90.00         179.57         12,450.0         -3,313.7         614.2         3,355.5         0.00         0.00           16,100.0         90.00         179.57         12,450.0         -3,413.7         615.0         3,455.1         0.00         0.00           16,200.0         90.00         179.57         12,450.0         -3,513.7         615.7         3,554.8         0.00         0.00           16,300.0         90.00         179.57         12,450.0         -3,613.7         616.5         3,654.4         0.00         0.00           16,400.0         90.00         179.57         12,450.0         -3,713.7         617.2         3,754.1         0.00         0.00           16,500.0         90.00         179.57         12,450.0         -3,913.7         618.0	15,500.0	90.00	179.57	12,450.0	-2,813.7	610.4	2,857.2	0.00	0.00	0.00
15,800.0         90.00         179.57         12,450.0         -3,113.7         612.7         3,156.1         0.00         0.00           15,900.0         90.00         179.57         12,450.0         -3,213.7         613.4         3,255.8         0.00         0.00           16,000.0         90.00         179.57         12,450.0         -3,313.7         614.2         3,355.5         0.00         0.00           16,100.0         90.00         179.57         12,450.0         -3,413.7         615.0         3,455.1         0.00         0.00           16,200.0         90.00         179.57         12,450.0         -3,513.7         615.7         3,554.8         0.00         0.00           16,300.0         90.00         179.57         12,450.0         -3,613.7         616.5         3,654.4         0.00         0.00           16,400.0         90.00         179.57         12,450.0         -3,713.7         617.2         3,754.1         0.00         0.00           16,500.0         90.00         179.57         12,450.0         -3,813.7         618.0         3,853.8         0.00         0.00           16,600.0         90.00         179.57         12,450.0         -4,213.7         618.8	15,600.0	90.00	179.57	12,450.0	-2,913.7	611.2	2,956.8	0.00	0.00	0.00
15,900.0         90.00         179.57         12,450.0         -3,213.7         613.4         3,255.8         0.00         0.00           16,000.0         90.00         179.57         12,450.0         -3,313.7         614.2         3,355.5         0.00         0.00           16,100.0         90.00         179.57         12,450.0         -3,413.7         615.0         3,455.1         0.00         0.00           16,200.0         90.00         179.57         12,450.0         -3,513.7         615.7         3,554.8         0.00         0.00           16,300.0         90.00         179.57         12,450.0         -3,613.7         616.5         3,654.4         0.00         0.00           16,400.0         90.00         179.57         12,450.0         -3,713.7         617.2         3,754.1         0.00         0.00           16,500.0         90.00         179.57         12,450.0         -3,813.7         618.0         3,853.8         0.00         0.00           16,600.0         90.00         179.57         12,450.0         -3,913.7         618.8         3,953.4         0.00         0.00           16,800.0         90.00         179.57         12,450.0         -4,013.7         619.5	15,700.0	90.00	179.57	12,450.0	-3,013.7	611.9	3,056.5	0.00	0.00	0.00
15,900.0         90.00         179.57         12,450.0         -3,213.7         613.4         3,255.8         0.00         0.00           16,000.0         90.00         179.57         12,450.0         -3,313.7         614.2         3,355.5         0.00         0.00           16,100.0         90.00         179.57         12,450.0         -3,413.7         615.0         3,455.1         0.00         0.00           16,200.0         90.00         179.57         12,450.0         -3,513.7         615.7         3,554.8         0.00         0.00           16,300.0         90.00         179.57         12,450.0         -3,613.7         616.5         3,654.4         0.00         0.00           16,400.0         90.00         179.57         12,450.0         -3,713.7         617.2         3,754.1         0.00         0.00           16,500.0         90.00         179.57         12,450.0         -3,813.7         618.0         3,853.8         0.00         0.00           16,600.0         90.00         179.57         12,450.0         -3,913.7         618.8         3,953.4         0.00         0.00           16,800.0         90.00         179.57         12,450.0         -4,013.7         619.5	15.800.0	90.00	179.57	12.450.0	-3.113.7	612.7	3.156.1	0.00	0.00	0.00
16,000.0       90.00       179.57       12,450.0       -3,313.7       614.2       3,355.5       0.00       0.00         16,100.0       90.00       179.57       12,450.0       -3,413.7       615.0       3,455.1       0.00       0.00         16,200.0       90.00       179.57       12,450.0       -3,513.7       615.7       3,554.8       0.00       0.00         16,300.0       90.00       179.57       12,450.0       -3,613.7       616.5       3,654.4       0.00       0.00         16,400.0       90.00       179.57       12,450.0       -3,713.7       617.2       3,754.1       0.00       0.00         16,500.0       90.00       179.57       12,450.0       -3,813.7       618.0       3,853.8       0.00       0.00         16,600.0       90.00       179.57       12,450.0       -3,913.7       618.8       3,953.4       0.00       0.00         16,700.0       90.00       179.57       12,450.0       -4,013.7       619.5       4,053.1       0.00       0.00         16,800.0       90.00       179.57       12,450.0       -4,113.7       620.3       4,152.8       0.00       0.00         16,900.0       90.00       179.57 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00</td>										0.00
16,100.0       90.00       179.57       12,450.0       -3,413.7       615.0       3,455.1       0.00       0.00         16,200.0       90.00       179.57       12,450.0       -3,513.7       615.7       3,554.8       0.00       0.00         16,300.0       90.00       179.57       12,450.0       -3,613.7       616.5       3,654.4       0.00       0.00         16,400.0       90.00       179.57       12,450.0       -3,713.7       617.2       3,754.1       0.00       0.00         16,500.0       90.00       179.57       12,450.0       -3,813.7       618.0       3,853.8       0.00       0.00         16,600.0       90.00       179.57       12,450.0       -3,913.7       618.8       3,953.4       0.00       0.00         16,700.0       90.00       179.57       12,450.0       -4,013.7       619.5       4,053.1       0.00       0.00         16,800.0       90.00       179.57       12,450.0       -4,213.7       620.3       4,152.8       0.00       0.00         16,800.0       90.00       179.57       12,450.0       -4,213.7       621.0       4,252.4       0.00       0.00         16,800.0       90.00       179.57 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00</td>										0.00
16,200.0       90.00       179.57       12,450.0       -3,513.7       615.7       3,554.8       0.00       0.00         16,300.0       90.00       179.57       12,450.0       -3,613.7       616.5       3,654.4       0.00       0.00         16,400.0       90.00       179.57       12,450.0       -3,713.7       617.2       3,754.1       0.00       0.00         16,500.0       90.00       179.57       12,450.0       -3,813.7       618.0       3,853.8       0.00       0.00         16,600.0       90.00       179.57       12,450.0       -3,913.7       618.8       3,953.4       0.00       0.00         16,700.0       90.00       179.57       12,450.0       -4,013.7       619.5       4,053.1       0.00       0.00         16,800.0       90.00       179.57       12,450.0       -4,113.7       620.3       4,152.8       0.00       0.00         16,900.0       90.00       179.57       12,450.0       -4,213.7       621.0       4,252.4       0.00       0.00         17,000.0       90.00       179.57       12,450.0       -4,313.6       621.8       4,352.1       0.00       0.00         17,200.0       90.00       179.57 </td <td>16 100 0</td> <td>90.00</td> <td>170 57</td> <td>12 450 0</td> <td>2 /12 7</td> <td>615.0</td> <td>2 455 1</td> <td>0.00</td> <td>0.00</td> <td>0.00</td>	16 100 0	90.00	170 57	12 450 0	2 /12 7	615.0	2 455 1	0.00	0.00	0.00
16,300.0       90.00       179.57       12,450.0       -3,613.7       616.5       3,654.4       0.00       0.00         16,400.0       90.00       179.57       12,450.0       -3,713.7       617.2       3,754.1       0.00       0.00         16,500.0       90.00       179.57       12,450.0       -3,813.7       618.0       3,853.8       0.00       0.00         16,600.0       90.00       179.57       12,450.0       -3,913.7       618.8       3,953.4       0.00       0.00         16,700.0       90.00       179.57       12,450.0       -4,013.7       619.5       4,053.1       0.00       0.00         16,800.0       90.00       179.57       12,450.0       -4,113.7       620.3       4,152.8       0.00       0.00         16,900.0       90.00       179.57       12,450.0       -4,213.7       621.0       4,252.4       0.00       0.00         17,000.0       90.00       179.57       12,450.0       -4,313.6       621.8       4,352.1       0.00       0.00         17,100.0       90.00       179.57       12,450.0       -4,413.6       622.5       4,451.7       0.00       0.00         17,200.0       90.00       179.57 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00</td>										0.00
16,400.0       90.00       179.57       12,450.0       -3,713.7       617.2       3,754.1       0.00       0.00         16,500.0       90.00       179.57       12,450.0       -3,813.7       618.0       3,853.8       0.00       0.00         16,600.0       90.00       179.57       12,450.0       -3,913.7       618.8       3,953.4       0.00       0.00         16,700.0       90.00       179.57       12,450.0       -4,013.7       619.5       4,053.1       0.00       0.00         16,800.0       90.00       179.57       12,450.0       -4,113.7       620.3       4,152.8       0.00       0.00         16,900.0       90.00       179.57       12,450.0       -4,213.7       621.0       4,252.4       0.00       0.00         17,000.0       90.00       179.57       12,450.0       -4,313.6       621.8       4,352.1       0.00       0.00         17,100.0       90.00       179.57       12,450.0       -4,413.6       622.5       4,451.7       0.00       0.00         17,200.0       90.00       179.57       12,450.0       -4,513.6       623.3       4,551.4       0.00       0.00         17,400.0       90.00       179.57 </td <td></td>										
16,500.0       90.00       179.57       12,450.0       -3,813.7       618.0       3,853.8       0.00       0.00         16,600.0       90.00       179.57       12,450.0       -3,913.7       618.8       3,953.4       0.00       0.00         16,700.0       90.00       179.57       12,450.0       -4,013.7       619.5       4,053.1       0.00       0.00         16,800.0       90.00       179.57       12,450.0       -4,113.7       620.3       4,152.8       0.00       0.00         16,900.0       90.00       179.57       12,450.0       -4,213.7       621.0       4,252.4       0.00       0.00         17,000.0       90.00       179.57       12,450.0       -4,313.6       621.8       4,352.1       0.00       0.00         17,100.0       90.00       179.57       12,450.0       -4,413.6       622.5       4,451.7       0.00       0.00         17,200.0       90.00       179.57       12,450.0       -4,513.6       623.3       4,551.4       0.00       0.00         17,300.0       90.00       179.57       12,450.0       -4,613.6       624.1       4,651.1       0.00       0.00         17,500.0       90.00       179.57 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00</td>										0.00
16,600.0       90.00       179.57       12,450.0       -3,913.7       618.8       3,953.4       0.00       0.00         16,700.0       90.00       179.57       12,450.0       -4,013.7       619.5       4,053.1       0.00       0.00         16,800.0       90.00       179.57       12,450.0       -4,113.7       620.3       4,152.8       0.00       0.00         16,900.0       90.00       179.57       12,450.0       -4,213.7       621.0       4,252.4       0.00       0.00         17,000.0       90.00       179.57       12,450.0       -4,313.6       621.8       4,352.1       0.00       0.00         17,100.0       90.00       179.57       12,450.0       -4,413.6       622.5       4,451.7       0.00       0.00         17,200.0       90.00       179.57       12,450.0       -4,613.6       623.3       4,551.4       0.00       0.00         17,300.0       90.00       179.57       12,450.0       -4,613.6       624.1       4,651.1       0.00       0.00         17,400.0       90.00       179.57       12,450.0       -4,713.6       624.8       4,750.7       0.00       0.00         17,500.0       90.00       179.57 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.00</td>										0.00
16,700.0       90.00       179.57       12,450.0       -4,013.7       619.5       4,053.1       0.00       0.00         16,800.0       90.00       179.57       12,450.0       -4,113.7       620.3       4,152.8       0.00       0.00         16,900.0       90.00       179.57       12,450.0       -4,213.7       621.0       4,252.4       0.00       0.00         17,000.0       90.00       179.57       12,450.0       -4,313.6       621.8       4,352.1       0.00       0.00         17,100.0       90.00       179.57       12,450.0       -4,413.6       622.5       4,451.7       0.00       0.00         17,200.0       90.00       179.57       12,450.0       -4,513.6       623.3       4,551.4       0.00       0.00         17,300.0       90.00       179.57       12,450.0       -4,613.6       624.1       4,651.1       0.00       0.00         17,400.0       90.00       179.57       12,450.0       -4,713.6       624.8       4,750.7       0.00       0.00         17,500.0       90.00       179.57       12,450.0       -4,813.6       625.6       4,850.4       0.00       0.00         17,600.0       90.00       179.57 </td <td>16,500.0</td> <td>90.00</td> <td>1/9.57</td> <td>12,450.0</td> <td>-3,813.7</td> <td>618.0</td> <td>3,853.8</td> <td>0.00</td> <td></td> <td>0.00</td>	16,500.0	90.00	1/9.57	12,450.0	-3,813.7	618.0	3,853.8	0.00		0.00
16,800.0       90.00       179.57       12,450.0       -4,113.7       620.3       4,152.8       0.00       0.00         16,900.0       90.00       179.57       12,450.0       -4,213.7       621.0       4,252.4       0.00       0.00         17,000.0       90.00       179.57       12,450.0       -4,313.6       621.8       4,352.1       0.00       0.00         17,100.0       90.00       179.57       12,450.0       -4,413.6       622.5       4,451.7       0.00       0.00         17,200.0       90.00       179.57       12,450.0       -4,513.6       623.3       4,551.4       0.00       0.00         17,300.0       90.00       179.57       12,450.0       -4,613.6       624.1       4,651.1       0.00       0.00         17,400.0       90.00       179.57       12,450.0       -4,713.6       624.8       4,750.7       0.00       0.00         17,500.0       90.00       179.57       12,450.0       -4,813.6       625.6       4,850.4       0.00       0.00         17,600.0       90.00       179.57       12,450.0       -4,913.6       626.3       4,950.0       0.00       0.00         17,500.0       90.00       179.57 </td <td>16,600.0</td> <td>90.00</td> <td>179.57</td> <td>12,450.0</td> <td>-3,913.7</td> <td>618.8</td> <td>3,953.4</td> <td></td> <td>0.00</td> <td>0.00</td>	16,600.0	90.00	179.57	12,450.0	-3,913.7	618.8	3,953.4		0.00	0.00
16,900.0       90.00       179.57       12,450.0       -4,213.7       621.0       4,252.4       0.00       0.00         17,000.0       90.00       179.57       12,450.0       -4,313.6       621.8       4,352.1       0.00       0.00         17,100.0       90.00       179.57       12,450.0       -4,413.6       622.5       4,451.7       0.00       0.00         17,200.0       90.00       179.57       12,450.0       -4,513.6       623.3       4,551.4       0.00       0.00         17,300.0       90.00       179.57       12,450.0       -4,613.6       624.1       4,651.1       0.00       0.00         17,400.0       90.00       179.57       12,450.0       -4,713.6       624.8       4,750.7       0.00       0.00         17,500.0       90.00       179.57       12,450.0       -4,813.6       625.6       4,850.4       0.00       0.00         17,600.0       90.00       179.57       12,450.0       -4,913.6       626.3       4,950.0       0.00       0.00         17,700.0       90.00       179.57       12,450.0       -5,013.6       626.3       4,950.0       0.00       0.00	16,700.0	90.00	179.57	12,450.0	-4,013.7	619.5	4,053.1	0.00	0.00	0.00
16,900.0       90.00       179.57       12,450.0       -4,213.7       621.0       4,252.4       0.00       0.00         17,000.0       90.00       179.57       12,450.0       -4,313.6       621.8       4,352.1       0.00       0.00         17,100.0       90.00       179.57       12,450.0       -4,413.6       622.5       4,451.7       0.00       0.00         17,200.0       90.00       179.57       12,450.0       -4,513.6       623.3       4,551.4       0.00       0.00         17,300.0       90.00       179.57       12,450.0       -4,613.6       624.1       4,651.1       0.00       0.00         17,400.0       90.00       179.57       12,450.0       -4,713.6       624.8       4,750.7       0.00       0.00         17,500.0       90.00       179.57       12,450.0       -4,813.6       625.6       4,850.4       0.00       0.00         17,600.0       90.00       179.57       12,450.0       -4,913.6       626.3       4,950.0       0.00       0.00         17,700.0       90.00       179.57       12,450.0       -5,013.6       626.3       4,950.0       0.00       0.00	16,800.0	90.00	179.57	12,450.0	-4,113.7	620.3	4,152.8	0.00	0.00	0.00
17,000.0     90.00     179.57     12,450.0     -4,313.6     621.8     4,352.1     0.00     0.00       17,100.0     90.00     179.57     12,450.0     -4,413.6     622.5     4,451.7     0.00     0.00       17,200.0     90.00     179.57     12,450.0     -4,513.6     623.3     4,551.4     0.00     0.00       17,300.0     90.00     179.57     12,450.0     -4,613.6     624.1     4,651.1     0.00     0.00       17,400.0     90.00     179.57     12,450.0     -4,713.6     624.8     4,750.7     0.00     0.00       17,500.0     90.00     179.57     12,450.0     -4,813.6     625.6     4,850.4     0.00     0.00       17,600.0     90.00     179.57     12,450.0     -4,913.6     626.3     4,950.0     0.00     0.00       17,700.0     90.00     179.57     12,450.0     -5,013.6     627.1     5,049.7     0.00     0.00										0.00
17,200.0     90.00     179.57     12,450.0     -4,513.6     623.3     4,551.4     0.00     0.00       17,300.0     90.00     179.57     12,450.0     -4,613.6     624.1     4,651.1     0.00     0.00       17,400.0     90.00     179.57     12,450.0     -4,713.6     624.8     4,750.7     0.00     0.00       17,500.0     90.00     179.57     12,450.0     -4,813.6     625.6     4,850.4     0.00     0.00       17,600.0     90.00     179.57     12,450.0     -4,913.6     626.3     4,950.0     0.00     0.00       17,700.0     90.00     179.57     12,450.0     -5,013.6     627.1     5,049.7     0.00     0.00										0.00
17,200.0     90.00     179.57     12,450.0     -4,513.6     623.3     4,551.4     0.00     0.00       17,300.0     90.00     179.57     12,450.0     -4,613.6     624.1     4,651.1     0.00     0.00       17,400.0     90.00     179.57     12,450.0     -4,713.6     624.8     4,750.7     0.00     0.00       17,500.0     90.00     179.57     12,450.0     -4,813.6     625.6     4,850.4     0.00     0.00       17,600.0     90.00     179.57     12,450.0     -4,913.6     626.3     4,950.0     0.00     0.00       17,700.0     90.00     179.57     12,450.0     -5,013.6     627.1     5,049.7     0.00     0.00	17 100 0	90.00								0.00
17,300.0     90.00     179.57     12,450.0     -4,613.6     624.1     4,651.1     0.00     0.00       17,400.0     90.00     179.57     12,450.0     -4,713.6     624.8     4,750.7     0.00     0.00       17,500.0     90.00     179.57     12,450.0     -4,813.6     625.6     4,850.4     0.00     0.00       17,600.0     90.00     179.57     12,450.0     -4,913.6     626.3     4,950.0     0.00     0.00       17,700.0     90.00     179.57     12,450.0     -5,013.6     627.1     5,049.7     0.00     0.00										0.00
17,400.0     90.00     179.57     12,450.0     -4,713.6     624.8     4,750.7     0.00     0.00       17,500.0     90.00     179.57     12,450.0     -4,813.6     625.6     4,850.4     0.00     0.00       17,600.0     90.00     179.57     12,450.0     -4,913.6     626.3     4,950.0     0.00     0.00       17,700.0     90.00     179.57     12,450.0     -5,013.6     627.1     5,049.7     0.00     0.00										
17,500.0     90.00     179.57     12,450.0     -4,813.6     625.6     4,850.4     0.00     0.00       17,600.0     90.00     179.57     12,450.0     -4,913.6     626.3     4,950.0     0.00     0.00       17,700.0     90.00     179.57     12,450.0     -5,013.6     627.1     5,049.7     0.00     0.00										0.00
17,600.0 90.00 179.57 12,450.0 -4,913.6 626.3 4,950.0 0.00 0.00 17,700.0 90.00 179.57 12,450.0 -5,013.6 627.1 5,049.7 0.00 0.00										0.00
17,700.0 90.00 179.57 12,450.0 -5,013.6 627.1 5,049.7 0.00 0.00	17,500.0	90.00	179.57	12,450.0	-4,813.6	625.6	4,850.4	0.00	0.00	0.00
										0.00
	17,700.0	90.00	179.57	12,450.0	-5,013.6	627.1	5,049.7	0.00	0.00	0.00
17,800.0 90.00 179.57 12,450.0 -5,113.6 627.9 5,149.4 0.00 0.00	17,800.0	90.00	179.57	12,450.0	-5,113.6	627.9	5,149.4	0.00	0.00	0.00
17,900.0 90.00 179.57 12,450.0 -5,213.6 628.6 5,249.0 0.00 0.00										0.00
18,000.0 90.00 179.57 12,450.0 -5,313.6 629.4 5,348.7 0.00 0.00	,									0.00
18,100.0 90.00 179.57 12,450.0 -5,413.6 630.1 5,448.3 0.00 0.00										0.00
18,100.0 90.00 179.57 12,450.0 -5,413.6 630.1 5,448.3 0.00 0.00 18,200.0 90.00 179.57 12,450.0 -5,513.6 630.9 5,548.0 0.00 0.00										0.00
18,300.0 90.00 179.57 12,450.0 -5,613.6 631.7 5,647.7 0.00 0.00										0.00
18,400.0 90.00 179.57 12,450.0 -5,713.6 632.4 5,747.3 0.00 0.00 18,400.0 90.00 179.57 12,450.0 -5,713.6 632.4 5,747.3										0.00



Database: EDM 5000.14

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)

Site: Bandit 29 State Com

 Well:
 #706H

 Wellbore:
 OH

 Design:
 Plan #0.2

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well #706H

KB = 25 @ 3563.0usft KB = 25 @ 3563.0usft

Grid

lanned 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)
18,500.0	90.00	179.57	12,450.0	-5,813.6	633.2	5,847.0	0.00	0.00	0.00
18,600.0	90.00	179.57	12,450.0	-5,913.6	633.9	5,946.6	0.00	0.00	0.00
18,700.0	90.00	179.57	12,450.0	-6,013.6	634.7	6,046.3	0.00	0.00	0.00
18,800.0	90.00	179.57	12,450.0	-6,113.6	635.5	6,146.0	0.00	0.00	0.00
18,900.0	90.00	179.57	12,450.0	-6,213.6	636.2	6,245.6	0.00	0.00	0.00
19,000.0	90.00	179.57	12,450.0	-6,313.6	637.0	6,345.3	0.00	0.00	0.00
19,100.0	90.00	179.57	12,450.0	-6,413.6	637.7	6,444.9	0.00	0.00	0.00
19,200.0	90.00	179.57	12,450.0	-6,513.6	638.5	6,544.6	0.00	0.00	0.00
19,300.0	90.00	179.57	12,450.0	-6,613.6	639.2	6,644.3	0.00	0.00	0.00
19,400.0	90.00	179.57	12,450.0	-6,713.6	640.0	6,743.9	0.00	0.00	0.00
19,500.0	90.00	179.57	12,450.0	-6,813.6	640.8	6,843.6	0.00	0.00	0.00
19,600.0	90.00	179.57	12,450.0	-6,913.6	641.5	6,943.3	0.00	0.00	0.00
19,700.0	90.00	179.57	12,450.0	-7,013.6	642.3	7,042.9	0.00	0.00	0.00
19,800.0	90.00	179.57	12,450.0	-7,113.6	643.0	7,142.6	0.00	0.00	0.00
19,900.0	90.00	179.57	12,450.0	-7,213.6	643.8	7,242.2	0.00	0.00	0.00
20,000.0	90.00	179.57	12,450.0	-7,313.6	644.6	7,341.9	0.00	0.00	0.00
20,057.4	90.00	179.57	12,450.0	-7,371.0	645.0	7,399.1	0.00	0.00	0.00
PBHL(Bandi	t 29 St Com #70	6H)							

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP(Bandit 29 St Com # - plan hits target cent - Point	0.00 er	0.00	11,972.5	400.0	586.0	435,734.00	768,926.00	32° 11' 44.771 N	103° 35' 51.323 W
FTP(Bandit 29 St Com # - plan misses target o - Point	0.00 center by 163	0.00 .4usft at 124	12,450.0 15.9usft MD	350.0 (12328.8 TVD	586.0 , 240.4 N, 58	435,684.00 7.2 E)	768,926.00	32° 11' 44.276 N	103° 35' 51.327 W
PBHL(Bandit 29 St Com - plan hits target cent - Point	0.00 er	0.00	12,450.0	-7,371.0	645.0	427,963.00	768,985.00	32° 10' 27.871 N	103° 35' 51.255 W