

OCT 29 2019

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Murchison Oil and Gas, LLC

Eddy County, New Mexico (NAD 83)

Rock Ridge Federal 5-8

Rock Ridge Federal BSS 7H

Wellbore #1

Design: Surveys

Standard Survey Report

26 June, 2019

MS *Directional*

Company:	Murchison Oil and Gas, LLC	Local Co-ordinate Reference:	Well Rock Ridge Federal BSS 7H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	WELL @ 2939.40usft (H&P 451)
Site:	Rock Ridge Federal 5-8	MD Reference:	WELL @ 2939.40usft (H&P 451)
Well:	Rock Ridge Federal BSS 7H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.1 Conroe DB

Project	Eddy County, New Mexico (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Rock Ridge Federal 5-8		
Site Position:		Northing:	434,354.45 usft
From:	Lat/Long	Easting:	639,501.24 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 11' 37.391 N
		Longitude:	104° 0' 57.584 W

Well	Rock Ridge Federal BSS 7H		
Well Position	+N/-S	0.00 usft	Northing: 434,314.43 usft
	+E/-W	0.00 usft	Easting: 639,501.45 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
Grid Convergence:	0.169 °	Ground Level:	2,914.40 usft
		Latitude:	32° 11' 36.995 N
		Longitude:	104° 0' 57.583 W

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	HDGM2019	6/26/2019	6.983
			Dip Angle (°)
			59.917
			Field Strength (nT)
			47,887.10

Design	Surveys		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			263.24

Survey Program	Date 6/26/2019		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
100.00	13,140.00	MS MWD (Wellbore #1)	MWD+HRGM
			Description
			OWSG MWD + HRGM

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	
100.00	1.00	39.50	99.99	0.67	0.56	-0.63	1.00	1.00	0.00	
195.00	1.60	57.20	194.97	2.03	2.20	-2.42	0.75	0.63	18.63	
287.00	2.00	57.90	286.92	3.58	4.64	-5.03	0.44	0.43	0.76	
338.00	2.20	65.90	337.89	4.45	6.28	-6.76	0.69	0.39	15.69	
407.00	2.40	75.60	406.84	5.35	8.89	-9.46	0.63	0.29	14.06	
498.00	2.10	102.20	497.77	5.47	12.37	-12.93	1.18	-0.33	29.23	
588.00	2.00	145.90	587.72	3.83	14.86	-15.21	1.70	-0.11	48.56	
675.00	3.40	188.90	674.62	0.02	15.31	-15.21	2.72	1.61	49.43	
765.00	4.20	195.10	764.43	-5.80	14.04	-13.26	1.00	0.89	6.89	

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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)
825.00	4.20	196.50	824.27	-10.03	12.84	-11.57	0.17	0.00	2.33
919.00	5.80	173.50	917.91	-18.05	12.40	-10.19	2.70	1.70	-24.47
1,013.00	6.70	174.30	1,011.35	-28.22	13.49	-10.07	0.96	0.96	0.85
1,108.00	5.80	164.60	1,105.79	-38.37	15.31	-10.69	1.46	-0.95	-10.21
1,202.00	6.30	163.90	1,199.27	-47.90	18.00	-12.24	0.54	0.53	-0.74
1,296.00	5.20	164.00	1,292.79	-56.95	20.61	-13.76	1.17	-1.17	0.11
1,390.00	5.30	161.10	1,386.40	-65.15	23.19	-15.36	0.30	0.11	-3.09
1,485.00	5.90	164.40	1,480.95	-74.01	25.92	-17.03	0.72	0.63	3.47
1,579.00	6.50	168.80	1,574.40	-83.88	28.26	-18.19	0.81	0.64	4.68
1,674.00	5.00	164.60	1,668.92	-93.15	30.40	-19.22	1.64	-1.58	-4.42
1,767.00	5.20	162.40	1,761.55	-101.07	32.75	-20.62	0.30	0.22	-2.37
1,861.00	5.90	161.20	1,855.11	-109.71	35.59	-22.43	0.75	0.74	-1.28
1,954.00	6.50	163.50	1,947.56	-119.28	38.63	-24.32	0.70	0.65	2.47
2,049.00	4.90	155.20	2,042.09	-128.12	41.86	-26.49	1.89	-1.68	-8.74
2,143.00	5.10	153.50	2,135.73	-135.50	45.41	-29.14	0.26	0.21	-1.81
2,238.00	5.80	151.80	2,230.30	-143.51	49.56	-32.32	0.76	0.74	-1.79
2,331.00	6.40	153.90	2,322.78	-152.31	54.06	-35.76	0.69	0.65	2.26
2,425.00	6.00	160.10	2,416.23	-161.63	58.04	-38.61	0.83	-0.43	6.60
2,519.00	5.20	167.30	2,509.78	-170.41	60.65	-40.17	1.13	-0.85	7.66
2,613.00	5.20	165.20	2,603.39	-178.68	62.67	-41.20	0.20	0.00	-2.23
2,707.00	5.70	170.20	2,696.97	-187.40	64.55	-42.05	0.73	0.53	5.32
2,738.00	5.70	170.90	2,727.81	-190.43	65.06	-42.19	0.22	0.00	2.26
2,801.00	6.00	172.60	2,790.49	-196.79	65.98	-42.36	0.55	0.48	2.70
2,863.00	6.10	174.00	2,852.14	-203.28	66.74	-42.35	0.29	0.16	2.26
2,957.00	4.70	174.70	2,945.72	-212.08	67.62	-42.18	1.49	-1.49	0.74
3,050.00	4.40	172.50	3,038.43	-219.41	68.44	-42.13	0.37	-0.32	-2.37
3,145.00	5.40	159.50	3,133.08	-227.21	70.48	-43.24	1.57	1.05	-13.68
3,240.00	5.70	159.20	3,227.64	-235.81	73.72	-45.45	0.32	0.32	-0.32
3,334.00	5.60	158.00	3,321.18	-244.43	77.09	-47.79	0.16	-0.11	-1.28
3,428.00	5.40	157.20	3,414.75	-252.76	80.53	-50.21	0.23	-0.21	-0.85
3,523.00	5.30	156.20	3,509.33	-260.89	84.03	-52.73	0.14	-0.11	-1.05
3,617.00	5.00	155.70	3,602.95	-268.60	87.47	-55.24	0.32	-0.32	-0.53
3,712.00	4.50	154.70	3,697.63	-275.74	90.76	-57.67	0.53	-0.53	-1.05
3,806.00	5.80	155.30	3,791.25	-283.39	94.32	-60.31	1.38	1.38	0.64
3,901.00	6.00	156.00	3,885.74	-292.29	98.35	-63.26	0.22	0.21	0.74
3,995.00	6.00	156.00	3,979.23	-301.26	102.35	-66.17	0.00	0.00	0.00
4,089.00	6.10	154.40	4,072.70	-310.25	106.50	-69.24	0.21	0.11	-1.70
4,184.00	5.90	154.80	4,167.18	-319.22	110.76	-72.42	0.22	-0.21	0.42
4,277.00	5.70	153.90	4,259.71	-327.70	114.83	-75.46	0.24	-0.22	-0.97
4,371.00	5.50	153.90	4,353.26	-335.93	118.86	-78.49	0.21	-0.21	0.00
4,465.00	5.30	154.30	4,446.84	-343.89	122.73	-81.40	0.22	-0.21	0.43
4,559.00	5.40	154.80	4,540.43	-351.81	126.49	-84.20	0.12	0.11	0.53
4,654.00	5.50	154.70	4,635.00	-359.97	130.34	-87.07	0.11	0.11	-0.11

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4,748.00	5.50	155.20	4,728.57	-368.13	134.16	-89.89	0.05	0.00	0.53
4,842.00	5.40	154.50	4,822.15	-376.21	137.95	-92.71	0.13	-0.11	-0.74
4,936.00	5.40	154.10	4,915.73	-384.18	141.79	-95.58	0.04	0.00	-0.43
5,031.00	5.00	153.90	5,010.34	-391.92	145.56	-98.42	0.42	-0.42	-0.21
5,125.00	5.00	155.90	5,103.98	-399.34	149.04	-100.99	0.19	0.00	2.13
5,220.00	4.90	157.10	5,198.62	-406.85	152.31	-103.36	0.15	-0.11	1.26
5,314.00	4.60	155.30	5,292.30	-413.98	155.44	-105.63	0.36	-0.32	-1.91
5,408.00	4.40	156.00	5,386.01	-420.69	158.48	-107.86	0.22	-0.21	0.74
5,502.00	6.40	161.10	5,479.59	-428.95	161.65	-110.03	2.19	2.13	5.43
5,597.00	6.30	163.70	5,574.01	-438.96	164.83	-112.01	0.32	-0.11	2.74
5,691.00	6.10	165.50	5,667.46	-448.74	167.52	-113.54	0.30	-0.21	1.91
5,786.00	6.00	164.30	5,761.93	-458.41	170.13	-114.99	0.17	-0.11	-1.26
5,880.00	6.00	164.10	5,855.41	-467.87	172.81	-116.53	0.02	0.00	-0.21
5,975.00	5.90	163.60	5,949.90	-477.32	175.55	-118.14	0.12	-0.11	-0.53
6,070.00	5.70	163.40	6,044.42	-486.53	178.27	-119.76	0.21	-0.21	-0.21
6,164.00	5.50	163.80	6,137.97	-495.33	180.86	-121.30	0.22	-0.21	0.43
6,259.00	5.30	162.80	6,232.55	-503.89	183.43	-122.84	0.23	-0.21	-1.05
6,353.00	5.10	163.80	6,326.16	-512.05	185.88	-124.31	0.23	-0.21	1.06
6,447.00	4.70	164.50	6,419.82	-519.77	188.07	-125.58	0.43	-0.43	0.74
6,542.00	4.30	163.60	6,514.52	-526.94	190.12	-126.77	0.43	-0.42	-0.95
6,636.00	3.80	155.50	6,608.29	-533.16	192.41	-128.31	0.81	-0.53	-8.62
6,730.00	3.30	159.10	6,702.11	-538.52	194.66	-129.92	0.58	-0.53	3.83
6,824.00	2.70	155.40	6,795.98	-543.06	196.55	-131.26	0.67	-0.64	-3.94
6,919.00	2.20	148.20	6,890.89	-546.64	198.44	-132.72	0.62	-0.53	-7.58
7,013.00	1.80	120.80	6,984.84	-548.93	200.66	-134.65	1.09	-0.43	-29.15
7,107.00	1.40	120.60	7,078.80	-550.27	202.92	-136.73	0.43	-0.43	-0.21
7,201.00	1.10	93.30	7,172.78	-550.91	204.81	-138.54	0.70	-0.32	-29.04
7,296.00	0.90	71.80	7,267.76	-550.73	206.43	-140.17	0.44	-0.21	-22.63
7,390.00	1.00	127.00	7,361.75	-550.99	207.78	-141.48	0.94	0.11	58.72
7,485.00	1.70	131.70	7,456.73	-552.43	209.50	-143.01	0.75	0.74	4.95
7,579.00	2.00	132.40	7,550.68	-554.46	211.75	-145.01	0.32	0.32	0.74
7,673.00	2.00	126.90	7,644.62	-556.55	214.27	-147.27	0.20	0.00	-5.85
7,768.00	2.30	114.90	7,739.55	-558.35	217.33	-150.09	0.57	0.32	-12.63
7,862.00	2.60	113.60	7,833.47	-560.00	220.99	-153.54	0.32	0.32	-1.38
7,909.00	2.70	113.50	7,880.42	-560.87	222.98	-155.41	0.21	0.21	-0.21
7,956.00	2.40	232.60	7,927.39	-561.91	223.22	-155.52	9.36	-0.64	253.40
8,003.00	8.90	253.70	7,974.14	-563.53	218.94	-151.09	14.29	13.83	44.89
8,050.00	15.50	260.40	8,020.06	-565.60	209.25	-141.22	14.34	14.04	14.26
8,098.00	19.30	262.20	8,065.85	-567.74	195.06	-126.87	7.99	7.92	3.75
8,145.00	23.10	263.60	8,109.66	-569.83	178.20	-109.88	8.16	8.09	2.98
8,192.00	27.30	264.50	8,152.18	-571.89	158.30	-89.88	8.97	8.94	1.91
8,239.00	30.80	268.30	8,193.27	-573.28	135.53	-67.11	8.41	7.45	8.09
8,287.00	34.10	271.30	8,233.77	-573.34	109.79	-41.54	7.65	6.88	6.25

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8,334.00	38.00	273.60	8,271.76	-572.13	82.16	-14.25	8.78	8.30	4.89
8,381.00	41.40	273.70	8,307.92	-570.22	52.21	15.28	7.24	7.23	0.21
8,475.00	50.60	273.00	8,373.15	-566.30	-15.22	81.78	9.80	9.79	-0.74
8,551.32	58.39	271.34	8,417.44	-563.99	-77.26	143.11	10.36	10.21	-2.17
HL Crossing - 8551.32' MD									
8,569.00	60.20	271.00	8,426.47	-563.68	-92.46	158.17	10.36	10.23	-1.94
8,663.00	68.00	269.00	8,467.50	-563.73	-176.94	242.07	8.52	8.30	-2.13
8,756.00	77.60	268.10	8,494.97	-566.00	-265.65	330.43	10.36	10.32	-0.97
8,851.00	89.30	270.50	8,505.79	-567.12	-359.85	424.11	12.57	12.32	2.53
8,945.00	92.60	270.90	8,504.23	-565.98	-453.82	517.29	3.54	3.51	0.43
9,040.00	92.90	270.50	8,499.67	-564.82	-548.70	611.37	0.53	0.32	-0.42
9,134.00	91.90	271.20	8,495.73	-563.42	-642.61	704.46	1.30	-1.06	0.74
9,227.00	90.40	272.00	8,493.87	-560.83	-735.55	796.45	1.83	-1.61	0.86
9,321.00	90.80	272.00	8,492.88	-557.55	-829.49	889.35	0.43	0.43	0.00
9,416.00	91.50	271.50	8,490.98	-554.65	-924.42	983.29	0.91	0.74	-0.53
9,510.00	92.20	271.30	8,487.94	-552.35	-1,018.35	1,076.28	0.77	0.74	-0.21
9,603.00	90.70	271.30	8,485.59	-550.24	-1,111.29	1,168.33	1.61	-1.61	0.00
9,697.00	91.10	271.50	8,484.11	-547.95	-1,205.25	1,261.37	0.48	0.43	0.21
9,792.00	91.70	270.80	8,481.79	-546.04	-1,300.20	1,355.44	0.97	0.63	-0.74
9,886.00	92.50	270.10	8,478.35	-545.30	-1,394.13	1,448.63	1.13	0.85	-0.74
9,980.00	92.50	269.00	8,474.25	-546.04	-1,488.04	1,541.97	1.17	0.00	-1.17
10,074.00	91.20	269.30	8,471.21	-547.43	-1,581.98	1,635.42	1.42	-1.38	0.32
10,169.00	91.40	269.30	8,469.06	-548.59	-1,676.95	1,729.86	0.21	0.21	0.00
10,263.00	92.00	268.70	8,466.27	-550.23	-1,770.89	1,823.35	0.90	0.64	-0.64
10,357.00	91.60	268.50	8,463.31	-552.53	-1,864.82	1,916.89	0.48	-0.43	-0.21
10,452.00	92.30	268.20	8,460.08	-555.26	-1,959.72	2,011.46	0.80	0.74	-0.32
10,545.00	90.80	270.10	8,457.57	-556.64	-2,052.67	2,103.92	2.60	-1.61	2.04
10,639.00	91.00	270.40	8,456.09	-556.23	-2,146.66	2,197.21	0.38	0.21	0.32
10,732.00	91.60	269.90	8,453.98	-555.99	-2,239.63	2,289.51	0.84	0.65	-0.54
10,827.00	90.20	269.60	8,452.49	-556.40	-2,334.62	2,383.88	1.51	-1.47	-0.32
10,920.00	90.50	269.50	8,451.92	-557.13	-2,427.61	2,476.32	0.34	0.32	-0.11
11,014.00	91.00	269.30	8,450.69	-558.12	-2,521.60	2,569.77	0.57	0.53	-0.21
11,108.00	91.60	268.90	8,448.56	-559.59	-2,615.56	2,663.25	0.77	0.64	-0.43
11,203.00	90.30	270.00	8,446.98	-560.50	-2,710.54	2,757.68	1.79	-1.37	1.16
11,297.00	90.60	270.20	8,446.24	-560.34	-2,804.54	2,851.00	0.38	0.32	0.21
11,391.00	91.30	269.80	8,444.68	-560.34	-2,898.52	2,944.33	0.86	0.74	-0.43
11,485.00	92.00	269.80	8,441.98	-560.67	-2,992.48	3,037.68	0.74	0.74	0.00
11,580.00	91.40	270.90	8,439.16	-560.09	-3,087.44	3,131.90	1.32	-0.63	1.16
11,673.00	90.70	271.40	8,437.46	-558.22	-3,180.40	3,224.00	0.92	-0.75	0.54
11,767.00	91.20	271.30	8,435.90	-556.01	-3,274.36	3,317.05	0.54	0.53	-0.11
11,861.00	91.70	271.10	8,433.52	-554.04	-3,368.31	3,410.11	0.57	0.53	-0.21
11,956.00	92.20	270.90	8,430.29	-552.38	-3,463.24	3,504.19	0.57	0.53	-0.21
12,050.00	92.60	270.70	8,426.35	-551.07	-3,557.15	3,597.29	0.48	0.43	-0.21
12,144.00	92.20	271.70	8,422.41	-549.10	-3,651.05	3,690.30	1.14	-0.43	1.06

Company:	Murchison Oil and Gas, LLC	Local Co-ordinate Reference:	Well Rock Ridge Federal BSS 7H
Project:	Eddy County, New Mexico (NAD 83)	TVD Reference:	WELL @ 2939.40usft (H&P 451)
Site:	Rock Ridge Federal 5-8	MD Reference:	WELL @ 2939.40usft (H&P 451)
Well:	Rock Ridge Federal BSS 7H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Surveys	Database:	EDM 5000.1 Conroe 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)	
12,239.00	90.60	270.50	8,420.09	-547.28	-3,746.00	3,784.38	2.11	-1.68	-1.26	
12,333.00	90.80	270.10	8,418.94	-546.79	-3,839.99	3,877.66	0.48	0.21	-0.43	
12,426.00	91.20	269.90	8,417.32	-546.79	-3,932.97	3,969.99	0.48	0.43	-0.22	
12,520.00	91.50	269.80	8,415.11	-547.04	-4,026.95	4,063.34	0.34	0.32	-0.11	
12,614.00	91.90	269.90	8,412.32	-547.28	-4,120.91	4,156.68	0.44	0.43	0.11	
12,707.00	90.60	270.40	8,410.29	-547.04	-4,213.88	4,248.98	1.50	-1.40	0.54	
12,800.00	91.00	269.90	8,408.99	-546.79	-4,306.87	4,341.29	0.69	0.43	-0.54	
12,898.00	91.70	269.50	8,406.68	-547.31	-4,404.84	4,438.64	0.82	0.71	-0.41	
12,992.00	91.90	269.00	8,403.73	-548.54	-4,498.79	4,532.08	0.57	0.21	-0.53	
13,067.00	92.10	268.80	8,401.11	-549.98	-4,573.73	4,606.67	0.38	0.27	-0.27	
13,126.65	92.10	268.80	8,398.93	-551.22	-4,633.32	4,666.00	0.00	0.00	0.00	
HL Crossing - 13126.65' MD										
13,140.00	92.10	268.80	8,398.44	-551.50	-4,646.66	4,679.28	0.00	0.00	0.00	
Projection to TD-13140.00' MD										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
8,551.32	8,417.44	-563.99	-77.26	HL Crossing - 8551.32' MD	
13,126.65	8,398.93	-551.22	-4,633.32	HL Crossing - 13126.65' MD	
13,140.00	8,398.44	-551.50	-4,646.66	Projection to TD-13140.00' MD	

Company: Murchison Oil and Gas, LLC
Well: Rock Ridge Federal BSS 7H
County: Eddy County, New Mexico (NAD 83)
Rig: Latshaw 7
Wellbore: Wellbore #1
Design: Design #2
Created By: SAR
Date: 13:14, June 26 2019

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

To convert a Magnetic Direction to a Grid Direction, Add 6.814°
To convert a Magnetic Direction to a True Direction, Add 6.983° East
To convert a True Direction to a Grid Direction, Subtract 0.169°



Azimuths to Grid North
True North: -0.17°
Magnetic North: 6.81°

Magnetic Field
Strength: 47687.1nT
Dip Angle: 59.92°
Date: 6/26/2019
Model: HDGM2019

Projection to TD
13140.00' MD 8398.44' TVD
316.65' FWL 1321.80' FNL

SURVEY PROGRAM

Depth From	Depth To	Survey/Plan	Tool
0.00	13125.06	Design #2 (Wellbore #1)	MWD+HRGM

WELL DETAILS: Rock Ridge Federal BSS 7H

GL @ 2914.40	WELL @ 2939.40usft (Latshaw 7)	Longitude
North	East	Latitude
434314.43	639501.45	32° 11' 36.995 N
		104° 0' 57.583 W

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	North	East	Latitude	Longitude
vert v2 - Rock Ridge Federal BSS 7H	7060.00	-549.38	202.67	433765.05	639704.12	32° 11' 31.552 N	104° 0' 55.243 W
PBHL - Rock Ridge Federal BSS 7H	8411.00	-549.39	-4633.41	433765.05	634868.04	32° 11' 31.690 N	104° 1' 51.523 W

CASING DETAILS

TVD	MD	Name	Size
600.00	600.00	13 3/8"	13-3/8"
2800.00	2808.86	9 5/8"	9-5/8"

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Diag	TFace	VSeal	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	KOP, 2.00°/100' Build
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	Hold 5.50° Inc, 159.75° Azm
874.84	5.50	159.75	874.42	-12.36	4.56	2.00	159.750	-3.07	Begin 2.00°/100' Drop
8812.85	5.50	159.75	8785.58	-537.02	198.11	0.00	0.000	-133.50	Begin Vertical Hold
7087.69	0.00	0.00	7080.00	-549.38	202.67	2.00	180.000	-136.58	Begin 10.00°/100' Build
7980.87	0.00	0.00	7933.18	-549.38	202.67	0.00	0.000	-136.58	Begin 91.28° Lateral
8873.68	91.28	270.00	8508.00	-549.38	-383.09	10.00	270.000	445.11	PBHL
13125.06	91.28	270.00	8411.00	-549.39	-4633.41	0.00	0.000	4665.87	

