

Minimum Radius of Curvature

API: 05-123-52330 **Well: Schmerge 4-11HZ** **Wellhead Location** **Lat : 40.426333**
Operator: Occidental **Area: DJ** **Long : -104.890189**
Rig: **Type: U-Lateral** **Magnetic Declination: 7.68**
TD: 21,105' **Plane of Proposal: 85.50**

| Measured Depth Ft | Drift Angle Deg | Azimuth Direction Deg | Course Length Ft | TVD Ft | Vertical Section Ft | COORDINATES | | CLOSURE | | Dog Leg Severity Deg/100' | Build / Drop Deg/100' | Left / Right Deg/100' |
|-------------------|-----------------|-----------------------|------------------|--------|---------------------|-------------|----------|-------------|---------------|---------------------------|-----------------------|-----------------------|
| | | | | | | N-S Ft | E-W Ft | Distance FT | Direction Deg | | | |
| 0.00 | 0.00 | 0.00 | | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | | |
| 100 | 0.00 | 0.00 | 100 | 100.0 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! | 0.00 | | |
| 201 | 0.00 | 0.00 | 101 | 200.5 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! | 0.00 | | |
| 300 | 1.50 | 0.00 | 100 | 300.0 | 0.10 | 1.30 | 0.00 | 1.30 | 0.00 | 1.51 | 1.51 | 0.00 |
| 334 | 2.00 | 0.00 | 34 | 333.8 | 0.18 | 2.34 | 0.00 | 2.34 | 0.00 | 1.48 | 1.48 | 0.00 |
| 354 | 2.00 | 0.00 | 20 | 353.8 | 0.24 | 3.03 | 0.00 | 3.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 400 | 2.41 | 345.06 | 46 | 399.9 | 0.13 | 4.78 | -0.25 | 4.78 | 357.00 | 1.52 | 0.89 | 747.37 |
| 500 | 3.59 | 327.15 | 100 | 499.8 | -1.74 | 9.44 | -2.49 | 9.76 | 345.22 | 1.49 | 1.18 | -17.91 |
| 600 | 4.95 | 318.78 | 100 | 599.5 | -5.81 | 15.31 | -7.03 | 16.85 | 335.34 | 1.49 | 1.36 | -8.37 |
| 700 | 6.38 | 313.95 | 100 | 699.0 | -12.07 | 22.42 | -13.88 | 26.36 | 328.24 | 1.51 | 1.43 | -4.83 |
| 763 | 7.30 | 311.87 | 63 | 762.0 | -17.19 | 27.55 | -19.41 | 33.70 | 324.83 | 1.50 | 1.45 | -3.28 |
| 800 | 7.83 | 310.89 | 37 | 798.3 | -20.54 | 30.73 | -23.03 | 38.40 | 323.16 | 1.49 | 1.45 | -2.68 |
| 900 | 9.30 | 308.79 | 100 | 897.1 | -31.21 | 40.25 | -34.48 | 53.00 | 319.42 | 1.50 | 1.47 | -2.10 |
| 1000 | 10.77 | 307.26 | 100 | 995.6 | -44.06 | 50.97 | -48.21 | 70.16 | 316.60 | 1.49 | 1.47 | -1.53 |
| 1100 | 12.26 | 306.09 | 100 | 1093.6 | -59.10 | 62.89 | -64.23 | 89.89 | 314.40 | 1.51 | 1.49 | -1.17 |
| 1200 | 13.74 | 305.17 | 100 | 1191.0 | -76.30 | 75.98 | -82.52 | 112.17 | 312.64 | 1.49 | 1.48 | -0.92 |
| 1300 | 15.23 | 304.43 | 100 | 1287.8 | -95.66 | 90.25 | -103.06 | 136.99 | 311.21 | 1.50 | 1.49 | -0.74 |
| 1405 | 16.80 | 303.79 | 105 | 1389.1 | -118.38 | 106.54 | -127.13 | 165.87 | 309.97 | 1.50 | 1.49 | -0.61 |
| 1500 | 16.80 | 303.79 | 95 | 1479.7 | -139.85 | 121.76 | -149.86 | 193.09 | 309.09 | 0.00 | 0.00 | 0.00 |
| 1600 | 16.80 | 303.79 | 100 | 1575.4 | -162.53 | 137.83 | -173.88 | 221.88 | 308.40 | 0.00 | 0.00 | 0.00 |
| 1700 | 16.80 | 303.79 | 100 | 1671.2 | -185.22 | 153.90 | -197.90 | 250.70 | 307.87 | 0.00 | 0.00 | 0.00 |
| 1800 | 16.80 | 303.79 | 100 | 1766.9 | -207.90 | 169.98 | -221.93 | 279.54 | 307.45 | 0.00 | 0.00 | 0.00 |
| 1900 | 16.80 | 303.79 | 100 | 1862.6 | -230.59 | 186.05 | -245.95 | 308.39 | 307.11 | 0.00 | 0.00 | 0.00 |
| 2000 | 16.80 | 303.79 | 100 | 1958.4 | -253.28 | 202.13 | -269.97 | 337.25 | 306.82 | 0.00 | 0.00 | 0.00 |
| 2100 | 16.80 | 303.79 | 100 | 2054.1 | -275.96 | 218.20 | -293.99 | 366.12 | 306.58 | 0.00 | 0.00 | 0.00 |
| 2200 | 16.80 | 303.79 | 100 | 2149.8 | -298.65 | 234.28 | -318.01 | 394.99 | 306.38 | 0.00 | 0.00 | 0.00 |
| 2300 | 16.80 | 303.79 | 100 | 2245.6 | -321.33 | 250.35 | -342.03 | 423.86 | 306.20 | 0.00 | 0.00 | 0.00 |
| 2400 | 16.80 | 303.79 | 100 | 2341.3 | -344.02 | 266.43 | -366.05 | 452.74 | 306.05 | 0.00 | 0.00 | 0.00 |
| 2500 | 16.80 | 303.79 | 100 | 2437.0 | -366.70 | 282.50 | -390.07 | 481.62 | 305.91 | 0.00 | 0.00 | 0.00 |
| 2600 | 16.80 | 303.79 | 100 | 2532.8 | -389.39 | 298.58 | -414.09 | 510.51 | 305.79 | 0.00 | 0.00 | 0.00 |
| 2700 | 16.80 | 303.79 | 100 | 2628.5 | -412.08 | 314.65 | -438.11 | 539.40 | 305.69 | 0.00 | 0.00 | 0.00 |
| 2725 | 16.80 | 303.79 | 25 | 2652.0 | -417.65 | 318.60 | -444.01 | 546.49 | 305.66 | 0.00 | 0.00 | 0.00 |
| 2800 | 16.80 | 303.79 | 75 | 2724.2 | -434.76 | 330.72 | -462.13 | 568.28 | 305.59 | 0.00 | 0.00 | 0.00 |
| 2900 | 16.80 | 303.79 | 100 | 2820.0 | -457.45 | 346.80 | -486.16 | 597.17 | 305.50 | 0.00 | 0.00 | 0.00 |
| 3000 | 16.80 | 303.79 | 100 | 2915.7 | -480.13 | 362.87 | -510.18 | 626.06 | 305.42 | 0.00 | 0.00 | 0.00 |
| 3100 | 16.80 | 303.79 | 100 | 3011.4 | -502.82 | 378.95 | -534.20 | 654.96 | 305.35 | 0.00 | 0.00 | 0.00 |
| 3200 | 16.80 | 303.79 | 100 | 3107.1 | -525.50 | 395.02 | -558.22 | 683.85 | 305.29 | 0.00 | 0.00 | 0.00 |
| 3300 | 16.80 | 303.79 | 100 | 3202.9 | -548.19 | 411.10 | -582.24 | 712.74 | 305.22 | 0.00 | 0.00 | 0.00 |
| 3400 | 16.80 | 303.79 | 100 | 3298.6 | -570.88 | 427.17 | -606.26 | 741.64 | 305.17 | 0.00 | 0.00 | 0.00 |
| 3500 | 16.80 | 303.79 | 100 | 3394.3 | -593.56 | 443.25 | -630.28 | 770.53 | 305.12 | 0.00 | 0.00 | 0.00 |
| 3600 | 16.80 | 303.79 | 100 | 3490.1 | -616.25 | 459.32 | -654.30 | 799.43 | 305.07 | 0.00 | 0.00 | 0.00 |
| 3658 | 16.80 | 303.79 | 58 | 3546.0 | -629.50 | 468.71 | -668.33 | 816.31 | 305.04 | 0.00 | 0.00 | 0.00 |
| 3700 | 16.80 | 303.79 | 42 | 3585.8 | -638.93 | 475.40 | -678.32 | 828.32 | 305.02 | 0.00 | 0.00 | 0.00 |
| 3800 | 16.80 | 303.79 | 100 | 3681.5 | -661.62 | 491.47 | -702.34 | 857.22 | 304.98 | 0.00 | 0.00 | 0.00 |
| 3900 | 16.80 | 303.79 | 100 | 3777.3 | -684.30 | 507.54 | -726.36 | 886.12 | 304.94 | 0.00 | 0.00 | 0.00 |
| 4000 | 16.80 | 303.79 | 100 | 3873.0 | -706.99 | 523.62 | -750.39 | 915.02 | 304.91 | 0.00 | 0.00 | 0.00 |
| 4100 | 16.80 | 303.79 | 100 | 3968.7 | -729.67 | 539.69 | -774.41 | 943.91 | 304.87 | 0.00 | 0.00 | 0.00 |
| 4166 | 16.80 | 303.79 | 66 | 4032.0 | -744.67 | 550.32 | -790.28 | 963.01 | 304.85 | 0.00 | 0.00 | 0.00 |
| 4200 | 16.80 | 303.79 | 34 | 4064.5 | -752.36 | 555.77 | -798.43 | 972.81 | 304.84 | 0.00 | 0.00 | 0.00 |
| 4300 | 16.80 | 303.79 | 100 | 4160.2 | -775.05 | 571.84 | -822.45 | 1001.71 | 304.81 | 0.00 | 0.00 | 0.00 |
| 4400 | 16.80 | 303.79 | 100 | 4255.9 | -797.73 | 587.92 | -846.47 | 1030.61 | 304.78 | 0.00 | 0.00 | 0.00 |
| 4500 | 16.80 | 303.79 | 100 | 4351.7 | -820.42 | 603.99 | -870.49 | 1059.51 | 304.75 | 0.00 | 0.00 | 0.00 |
| 4600 | 16.80 | 303.79 | 100 | 4447.4 | -843.10 | 620.07 | -894.51 | 1088.41 | 304.73 | 0.00 | 0.00 | 0.00 |
| 4700 | 16.80 | 303.79 | 100 | 4543.1 | -865.79 | 636.14 | -918.53 | 1117.31 | 304.71 | 0.00 | 0.00 | 0.00 |
| 4800 | 16.80 | 303.79 | 100 | 4638.9 | -888.47 | 652.21 | -942.55 | 1146.21 | 304.68 | 0.00 | 0.00 | 0.00 |
| 4900 | 16.80 | 303.79 | 100 | 4734.6 | -911.16 | 668.29 | -966.57 | 1175.11 | 304.66 | 0.00 | 0.00 | 0.00 |
| 5000 | 16.80 | 303.79 | 100 | 4830.3 | -933.85 | 684.36 | -990.59 | 1204.01 | 304.64 | 0.00 | 0.00 | 0.00 |
| 5100 | 16.80 | 303.79 | 100 | 4926.1 | -956.53 | 700.44 | -1014.61 | 1232.91 | 304.62 | 0.00 | 0.00 | 0.00 |

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Operator: Occidental **Area: DJ** **Long : -104.890189**
Rig: **Type: U-Lateral** **Magnetic Declination: 7.68**
TD: 21,105' **Plane of Proposal: 85.50**

| Measured Depth Ft | Drift Angle Deg | Azimuth Direction Deg | Course Length Ft | TVD Ft | Vertical Section Ft | COORDINATES | | CLOSURE | | Dog Leg Severity Deg/100' | Build / Drop Deg/100' | Left / Right Deg/100' |
|-------------------|-----------------|-----------------------|------------------|--------|---------------------|-------------|----------|-------------|---------------|---------------------------|-----------------------|-----------------------|
| | | | | | | N-S Ft | E-W Ft | Distance FT | Direction Deg | | | |
| 5200 | 16.80 | 303.79 | 100 | 5021.8 | -979.22 | 716.51 | -1038.64 | 1261.81 | 304.60 | 0.00 | 0.00 | 0.00 |
| 5300 | 16.80 | 303.79 | 100 | 5117.5 | -1001.90 | 732.59 | -1062.66 | 1290.71 | 304.58 | 0.00 | 0.00 | 0.00 |
| 5400 | 16.80 | 303.79 | 100 | 5213.3 | -1024.59 | 748.66 | -1086.68 | 1319.61 | 304.56 | 0.00 | 0.00 | 0.00 |
| 5500 | 16.80 | 303.79 | 100 | 5309.0 | -1047.27 | 764.74 | -1110.70 | 1348.51 | 304.55 | 0.00 | 0.00 | 0.00 |
| 5600 | 16.80 | 303.79 | 100 | 5404.7 | -1069.96 | 780.81 | -1134.72 | 1377.41 | 304.53 | 0.00 | 0.00 | 0.00 |
| 5700 | 16.80 | 303.79 | 100 | 5500.4 | -1092.65 | 796.89 | -1158.74 | 1406.31 | 304.52 | 0.00 | 0.00 | 0.00 |
| 5800 | 16.80 | 303.79 | 100 | 5596.2 | -1115.33 | 812.96 | -1182.76 | 1435.21 | 304.50 | 0.00 | 0.00 | 0.00 |
| 5900 | 16.80 | 303.79 | 100 | 5691.9 | -1138.02 | 829.03 | -1206.78 | 1464.11 | 304.49 | 0.00 | 0.00 | 0.00 |
| 6000 | 16.80 | 303.79 | 100 | 5787.6 | -1160.70 | 845.11 | -1230.80 | 1493.01 | 304.47 | 0.00 | 0.00 | 0.00 |
| 6100 | 16.80 | 303.79 | 100 | 5883.4 | -1183.39 | 861.18 | -1254.82 | 1521.91 | 304.46 | 0.00 | 0.00 | 0.00 |
| 6200 | 16.80 | 303.79 | 100 | 5979.1 | -1206.07 | 877.26 | -1278.84 | 1550.81 | 304.45 | 0.00 | 0.00 | 0.00 |
| 6257 | 16.80 | 303.79 | 57 | 6033.4 | -1218.94 | 886.38 | -1292.47 | 1567.21 | 304.44 | 0.00 | 0.00 | 0.00 |
| 6300 | 14.28 | 312.69 | 43 | 6075.1 | -1227.48 | 893.48 | -1301.59 | 1578.75 | 304.47 | 8.00 | -5.82 | 20.56 |
| 6350 | 11.96 | 327.13 | 50 | 6123.8 | -1234.14 | 902.01 | -1308.94 | 1589.64 | 304.57 | 8.00 | -4.64 | 28.88 |
| 6400 | 10.66 | 346.54 | 50 | 6172.9 | -1237.32 | 910.86 | -1312.83 | 1597.87 | 304.75 | 8.00 | -2.60 | 38.82 |
| 6450 | 10.77 | 8.18 | 50 | 6222.0 | -1237.01 | 919.99 | -1313.24 | 1603.43 | 305.01 | 8.00 | 0.22 | -676.72 |
| 6500 | 12.24 | 26.94 | 50 | 6271.0 | -1233.22 | 929.34 | -1310.18 | 1606.31 | 305.35 | 8.00 | 2.94 | 37.52 |
| 6550 | 14.68 | 40.66 | 50 | 6319.7 | -1225.96 | 938.88 | -1303.64 | 1606.54 | 305.76 | 8.01 | 4.88 | 27.44 |
| 6600 | 17.68 | 50.18 | 50 | 6367.7 | -1215.27 | 948.55 | -1293.68 | 1604.17 | 306.25 | 7.99 | 6.00 | 19.04 |
| 6650 | 21.01 | 56.90 | 50 | 6414.9 | -1201.20 | 958.31 | -1280.33 | 1599.25 | 306.81 | 8.00 | 6.66 | 13.44 |
| 6700 | 24.54 | 61.81 | 50 | 6461.0 | -1183.81 | 968.11 | -1263.67 | 1591.89 | 307.46 | 8.01 | 7.06 | 9.82 |
| 6750 | 28.18 | 65.53 | 50 | 6505.7 | -1163.20 | 977.91 | -1243.76 | 1582.17 | 308.18 | 7.99 | 7.28 | 7.44 |
| 6800 | 31.90 | 68.46 | 50 | 6549.0 | -1139.46 | 987.66 | -1220.72 | 1570.23 | 308.98 | 8.00 | 7.44 | 5.86 |
| 6850 | 35.68 | 70.83 | 50 | 6590.6 | -1112.72 | 997.30 | -1194.65 | 1556.21 | 309.86 | 8.01 | 7.56 | 4.74 |
| 6900 | 39.50 | 72.80 | 50 | 6630.2 | -1083.09 | 1006.79 | -1165.67 | 1540.27 | 310.82 | 8.01 | 7.64 | 3.94 |
| 6950 | 43.34 | 74.47 | 50 | 6667.7 | -1050.72 | 1016.09 | -1133.94 | 1522.58 | 311.86 | 7.99 | 7.68 | 3.34 |
| 7000 | 47.21 | 75.92 | 50 | 6702.9 | -1015.77 | 1025.16 | -1099.60 | 1503.35 | 312.99 | 8.01 | 7.74 | 2.90 |
| 7050 | 51.09 | 77.20 | 50 | 6735.6 | -978.42 | 1033.93 | -1062.82 | 1482.76 | 314.21 | 8.00 | 7.76 | 2.56 |
| 7100 | 54.98 | 78.34 | 50 | 6765.6 | -938.84 | 1042.38 | -1023.78 | 1461.06 | 315.52 | 7.99 | 7.78 | 2.28 |
| 7150 | 58.88 | 79.38 | 50 | 6792.9 | -897.23 | 1050.47 | -982.67 | 1438.45 | 316.91 | 7.99 | 7.80 | 2.08 |
| 7200 | 62.80 | 80.34 | 50 | 6817.3 | -853.78 | 1058.15 | -939.70 | 1415.17 | 318.39 | 8.02 | 7.84 | 1.92 |
| 7246 | 66.40 | 81.17 | 46 | 6837.0 | -812.35 | 1064.82 | -898.67 | 1393.36 | 319.84 | 7.99 | 7.82 | 1.80 |
| 7250 | 66.71 | 81.24 | 4 | 6838.6 | -808.72 | 1065.38 | -895.07 | 1391.47 | 319.96 | 7.97 | 7.81 | 1.76 |
| 7300 | 70.64 | 82.08 | 50 | 6856.8 | -762.26 | 1072.13 | -848.99 | 1367.57 | 321.63 | 8.01 | 7.86 | 1.68 |
| 7350 | 74.56 | 82.88 | 50 | 6871.7 | -714.62 | 1078.37 | -801.70 | 1343.73 | 323.37 | 7.99 | 7.84 | 1.60 |
| 7359 | 75.25 | 83.02 | 9 | 6874.0 | -706.13 | 1079.41 | -793.27 | 1339.55 | 323.69 | 7.99 | 7.84 | 1.59 |
| 7400 | 78.49 | 83.65 | 41 | 6883.4 | -666.04 | 1084.07 | -753.42 | 1320.17 | 325.20 | 8.00 | 7.86 | 1.53 |
| 7450 | 82.42 | 84.40 | 50 | 6891.6 | -616.76 | 1089.19 | -704.39 | 1297.12 | 327.11 | 8.00 | 7.86 | 1.50 |
| 7500 | 86.35 | 85.14 | 50 | 6896.5 | -567.02 | 1093.73 | -654.85 | 1274.78 | 329.09 | 8.00 | 7.86 | 1.48 |
| 7549 | 90.21 | 85.86 | 49 | 6898.0 | -518.02 | 1097.57 | -606.00 | 1253.76 | 331.10 | 8.01 | 7.87 | 1.47 |
| 7600 | 90.21 | 85.86 | 51 | 6897.8 | -467.05 | 1101.25 | -555.17 | 1233.27 | 333.25 | 0.00 | 0.00 | 0.00 |
| 7700 | 90.21 | 85.86 | 100 | 6897.4 | -367.05 | 1108.47 | -455.43 | 1198.38 | 337.66 | 0.00 | 0.00 | 0.00 |
| 7800 | 90.21 | 85.86 | 100 | 6897.1 | -267.06 | 1115.69 | -355.69 | 1171.02 | 342.32 | 0.00 | 0.00 | 0.00 |
| 7900 | 90.21 | 85.86 | 100 | 6896.7 | -167.06 | 1122.91 | -255.95 | 1151.71 | 347.16 | 0.00 | 0.00 | 0.00 |
| 8000 | 90.21 | 85.86 | 100 | 6896.4 | -67.06 | 1130.13 | -156.21 | 1140.87 | 352.13 | 0.00 | 0.00 | 0.00 |
| 8100 | 90.21 | 85.86 | 100 | 6896.0 | 32.94 | 1137.35 | -56.47 | 1138.75 | 357.16 | 0.00 | 0.00 | 0.00 |
| 8200 | 90.21 | 85.86 | 100 | 6895.6 | 132.93 | 1144.57 | 43.27 | 1145.39 | 2.16 | 0.00 | 0.00 | 0.00 |
| 8300 | 90.21 | 85.86 | 100 | 6895.3 | 232.93 | 1151.79 | 143.00 | 1160.63 | 7.08 | 0.00 | 0.00 | 0.00 |
| 8400 | 90.21 | 85.86 | 100 | 6894.9 | 332.93 | 1159.01 | 242.74 | 1184.15 | 11.83 | 0.00 | 0.00 | 0.00 |
| 8500 | 90.21 | 85.86 | 100 | 6894.5 | 432.93 | 1166.23 | 342.48 | 1215.47 | 16.37 | 0.00 | 0.00 | 0.00 |
| 8600 | 90.21 | 85.86 | 100 | 6894.2 | 532.92 | 1173.45 | 442.22 | 1254.01 | 20.65 | 0.00 | 0.00 | 0.00 |
| 8700 | 90.21 | 85.86 | 100 | 6893.8 | 632.92 | 1180.67 | 541.96 | 1299.11 | 24.66 | 0.00 | 0.00 | 0.00 |
| 8800 | 90.21 | 85.86 | 100 | 6893.4 | 732.92 | 1187.88 | 641.70 | 1350.13 | 28.38 | 0.00 | 0.00 | 0.00 |
| 8900 | 90.21 | 85.86 | 100 | 6893.1 | 832.92 | 1195.10 | 741.43 | 1406.41 | 31.82 | 0.00 | 0.00 | 0.00 |
| 9000 | 90.21 | 85.86 | 100 | 6892.7 | 932.91 | 1202.32 | 841.17 | 1467.36 | 34.98 | 0.00 | 0.00 | 0.00 |
| 9100 | 90.21 | 85.86 | 100 | 6892.3 | 1032.91 | 1209.54 | 940.91 | 1532.42 | 37.88 | 0.00 | 0.00 | 0.00 |
| 9200 | 90.21 | 85.86 | 100 | 6892.0 | 1132.91 | 1216.76 | 1040.65 | 1601.08 | 40.54 | 0.00 | 0.00 | 0.00 |
| 9300 | 90.21 | 85.86 | 100 | 6891.6 | 1232.90 | 1223.98 | 1140.39 | 1672.91 | 42.98 | 0.00 | 0.00 | 0.00 |

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Operator: Occidental **Area: DJ** **Long : -104.890189**
Rig: **Type: U-Lateral** **Magnetic Declination: 7.68**
TD: 21,105' **Plane of Proposal: 85.50**

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|-------------------|-----------------|-----------------------|------------------|--------|---------------------|-------------|---------|-------------|---------------|---------------------------|-----------------------|-----------------------|
| | | | | | | N-S Ft | E-W Ft | Distance FT | Direction Deg | | | |
| 9400 | 90.21 | 85.86 | 100 | 6891.2 | 1332.90 | 1231.20 | 1240.13 | 1747.50 | 45.21 | 0.00 | 0.00 | 0.00 |
| 9500 | 90.21 | 85.86 | 100 | 6890.9 | 1432.90 | 1238.42 | 1339.86 | 1824.53 | 47.25 | 0.00 | 0.00 | 0.00 |
| 9600 | 90.21 | 85.86 | 100 | 6890.5 | 1532.90 | 1245.64 | 1439.60 | 1903.70 | 49.13 | 0.00 | 0.00 | 0.00 |
| 9700 | 90.21 | 85.86 | 100 | 6890.1 | 1632.89 | 1252.86 | 1539.34 | 1984.75 | 50.86 | 0.00 | 0.00 | 0.00 |
| 9800 | 90.21 | 85.86 | 100 | 6889.8 | 1732.89 | 1260.08 | 1639.08 | 2067.46 | 52.45 | 0.00 | 0.00 | 0.00 |
| 9900 | 90.21 | 85.86 | 100 | 6889.4 | 1832.89 | 1267.30 | 1738.82 | 2151.63 | 53.91 | 0.00 | 0.00 | 0.00 |
| 10000 | 90.21 | 85.86 | 100 | 6889.0 | 1932.89 | 1274.52 | 1838.56 | 2237.11 | 55.27 | 0.00 | 0.00 | 0.00 |
| 10100 | 90.21 | 85.86 | 100 | 6888.7 | 2032.88 | 1281.74 | 1938.29 | 2323.75 | 56.52 | 0.00 | 0.00 | 0.00 |
| 10200 | 90.21 | 85.86 | 100 | 6888.3 | 2132.88 | 1288.96 | 2038.03 | 2411.43 | 57.69 | 0.00 | 0.00 | 0.00 |
| 10300 | 90.21 | 85.86 | 100 | 6887.9 | 2232.88 | 1296.17 | 2137.77 | 2500.03 | 58.77 | 0.00 | 0.00 | 0.00 |
| 10400 | 90.21 | 85.86 | 100 | 6887.6 | 2332.88 | 1303.39 | 2237.51 | 2589.46 | 59.78 | 0.00 | 0.00 | 0.00 |
| 10500 | 90.21 | 85.86 | 100 | 6887.2 | 2432.87 | 1310.61 | 2337.25 | 2679.63 | 60.72 | 0.00 | 0.00 | 0.00 |
| 10600 | 90.21 | 85.86 | 100 | 6886.8 | 2532.87 | 1317.83 | 2436.99 | 2770.48 | 61.60 | 0.00 | 0.00 | 0.00 |
| 10700 | 90.21 | 85.86 | 100 | 6886.5 | 2632.87 | 1325.05 | 2536.72 | 2861.95 | 62.42 | 0.00 | 0.00 | 0.00 |
| 10800 | 90.21 | 85.86 | 100 | 6886.1 | 2732.86 | 1332.27 | 2636.46 | 2953.96 | 63.19 | 0.00 | 0.00 | 0.00 |
| 10900 | 90.21 | 85.86 | 100 | 6885.7 | 2832.86 | 1339.49 | 2736.20 | 3046.48 | 63.92 | 0.00 | 0.00 | 0.00 |
| 11000 | 90.21 | 85.86 | 100 | 6885.4 | 2932.86 | 1346.71 | 2835.94 | 3139.46 | 64.60 | 0.00 | 0.00 | 0.00 |
| 11100 | 90.21 | 85.86 | 100 | 6885.0 | 3032.86 | 1353.93 | 2935.68 | 3232.85 | 65.24 | 0.00 | 0.00 | 0.00 |
| 11200 | 90.21 | 85.86 | 100 | 6884.6 | 3132.85 | 1361.15 | 3035.42 | 3326.63 | 65.85 | 0.00 | 0.00 | 0.00 |
| 11300 | 90.21 | 85.86 | 100 | 6884.3 | 3232.85 | 1368.37 | 3135.16 | 3420.76 | 66.42 | 0.00 | 0.00 | 0.00 |
| 11400 | 90.21 | 85.86 | 100 | 6883.9 | 3332.85 | 1375.59 | 3234.89 | 3515.22 | 66.96 | 0.00 | 0.00 | 0.00 |
| 11500 | 90.21 | 85.86 | 100 | 6883.5 | 3432.85 | 1382.81 | 3334.63 | 3609.98 | 67.48 | 0.00 | 0.00 | 0.00 |
| 11600 | 90.21 | 85.86 | 100 | 6883.2 | 3532.84 | 1390.03 | 3434.37 | 3705.01 | 67.96 | 0.00 | 0.00 | 0.00 |
| 11700 | 90.21 | 85.86 | 100 | 6882.8 | 3632.84 | 1397.25 | 3534.11 | 3800.29 | 68.43 | 0.00 | 0.00 | 0.00 |
| 11800 | 90.21 | 85.86 | 100 | 6882.4 | 3732.84 | 1404.46 | 3633.85 | 3895.81 | 68.87 | 0.00 | 0.00 | 0.00 |
| 11900 | 90.21 | 85.86 | 100 | 6882.1 | 3832.84 | 1411.68 | 3733.59 | 3991.56 | 69.29 | 0.00 | 0.00 | 0.00 |
| 12000 | 90.21 | 85.86 | 100 | 6881.7 | 3932.83 | 1418.90 | 3833.32 | 4087.50 | 69.69 | 0.00 | 0.00 | 0.00 |
| 12100 | 90.21 | 85.86 | 100 | 6881.3 | 4032.83 | 1426.12 | 3933.06 | 4183.64 | 70.07 | 0.00 | 0.00 | 0.00 |
| 12200 | 90.21 | 85.86 | 100 | 6881.0 | 4132.83 | 1433.34 | 4032.80 | 4279.95 | 70.43 | 0.00 | 0.00 | 0.00 |
| 12300 | 90.21 | 85.86 | 100 | 6880.6 | 4232.83 | 1440.56 | 4132.54 | 4376.43 | 70.78 | 0.00 | 0.00 | 0.00 |
| 12400 | 90.21 | 85.86 | 100 | 6880.2 | 4332.82 | 1447.78 | 4232.28 | 4473.06 | 71.12 | 0.00 | 0.00 | 0.00 |
| 12500 | 90.21 | 85.86 | 100 | 6879.9 | 4432.82 | 1455.00 | 4332.02 | 4569.83 | 71.43 | 0.00 | 0.00 | 0.00 |
| 12600 | 90.21 | 85.86 | 100 | 6879.5 | 4532.82 | 1462.22 | 4431.75 | 4666.75 | 71.74 | 0.00 | 0.00 | 0.00 |
| 12700 | 90.21 | 85.86 | 100 | 6879.1 | 4632.81 | 1469.44 | 4531.49 | 4763.79 | 72.03 | 0.00 | 0.00 | 0.00 |
| 12800 | 90.21 | 85.86 | 100 | 6878.8 | 4732.81 | 1476.66 | 4631.23 | 4860.95 | 72.32 | 0.00 | 0.00 | 0.00 |
| 12900 | 90.21 | 85.86 | 100 | 6878.4 | 4832.81 | 1483.88 | 4730.97 | 4958.22 | 72.59 | 0.00 | 0.00 | 0.00 |
| 13000 | 90.21 | 85.86 | 100 | 6878.0 | 4932.81 | 1491.10 | 4830.71 | 5055.60 | 72.85 | 0.00 | 0.00 | 0.00 |
| 13100 | 90.21 | 85.86 | 100 | 6877.7 | 5032.80 | 1498.32 | 4930.45 | 5153.08 | 73.10 | 0.00 | 0.00 | 0.00 |
| 13200 | 90.21 | 85.86 | 100 | 6877.3 | 5132.80 | 1505.53 | 5030.18 | 5250.66 | 73.34 | 0.00 | 0.00 | 0.00 |
| 13300 | 90.21 | 85.86 | 100 | 6876.9 | 5232.80 | 1512.75 | 5129.92 | 5348.32 | 73.57 | 0.00 | 0.00 | 0.00 |
| 13400 | 90.21 | 85.86 | 100 | 6876.6 | 5332.80 | 1519.97 | 5229.66 | 5446.07 | 73.79 | 0.00 | 0.00 | 0.00 |
| 13459 | 90.21 | 85.86 | 59 | 6876.3 | 5391.82 | 1524.24 | 5288.54 | 5503.81 | 73.92 | 0.00 | 0.00 | 0.00 |
| 13500 | 90.19 | 83.71 | 41 | 6876.2 | 5432.79 | 1527.96 | 5329.33 | 5544.05 | 74.00 | 5.25 | -0.05 | -5.25 |
| 13600 | 90.16 | 78.46 | 100 | 6875.9 | 5532.46 | 1543.45 | 5428.09 | 5643.26 | 74.13 | 5.25 | -0.03 | -5.25 |
| 13700 | 90.12 | 73.21 | 100 | 6875.6 | 5631.00 | 1567.91 | 5525.02 | 5743.18 | 74.16 | 5.25 | -0.04 | -5.25 |
| 13800 | 90.08 | 67.96 | 100 | 6875.5 | 5727.60 | 1601.14 | 5619.30 | 5842.96 | 74.10 | 5.25 | -0.04 | -5.25 |
| 13900 | 90.04 | 62.71 | 100 | 6875.4 | 5821.44 | 1642.86 | 5710.14 | 5941.78 | 73.95 | 5.25 | -0.04 | -5.25 |
| 14000 | 89.99 | 57.46 | 100 | 6875.3 | 5911.73 | 1692.71 | 5796.79 | 6038.88 | 73.72 | 5.25 | -0.05 | -5.25 |
| 14100 | 89.95 | 52.21 | 100 | 6875.4 | 5997.71 | 1750.29 | 5878.51 | 6133.54 | 73.42 | 5.25 | -0.04 | -5.25 |
| 14200 | 89.91 | 46.96 | 100 | 6875.5 | 6078.67 | 1815.10 | 5954.62 | 6225.12 | 73.05 | 5.25 | -0.04 | -5.25 |
| 14300 | 89.87 | 41.71 | 100 | 6875.7 | 6153.93 | 1886.60 | 6024.48 | 6312.97 | 72.61 | 5.25 | -0.04 | -5.25 |
| 14400 | 89.83 | 36.46 | 100 | 6876.0 | 6222.85 | 1964.19 | 6087.51 | 6396.54 | 72.12 | 5.25 | -0.04 | -5.25 |
| 14500 | 89.79 | 31.21 | 100 | 6876.3 | 6284.85 | 2047.23 | 6143.17 | 6475.31 | 71.57 | 5.25 | -0.04 | -5.25 |
| 14600 | 89.76 | 25.96 | 100 | 6876.7 | 6339.42 | 2135.00 | 6190.99 | 6548.79 | 70.97 | 5.25 | -0.03 | -5.25 |
| 14700 | 89.72 | 20.71 | 100 | 6877.2 | 6386.10 | 2226.79 | 6230.59 | 6616.56 | 70.33 | 5.25 | -0.04 | -5.25 |
| 14800 | 89.69 | 15.46 | 100 | 6877.7 | 6424.49 | 2321.82 | 6261.62 | 6678.23 | 69.66 | 5.25 | -0.03 | -5.25 |
| 14900 | 89.66 | 10.21 | 100 | 6878.2 | 6454.27 | 2419.28 | 6283.83 | 6733.46 | 68.94 | 5.25 | -0.03 | -5.25 |
| 15000 | 89.64 | 4.96 | 100 | 6878.8 | 6475.20 | 2518.37 | 6297.02 | 6781.94 | 68.20 | 5.25 | -0.02 | -5.25 |

Minimum Radius of Curvature

API: 05-123-52330 **Well: Schmerge 4-11HZ** **Wellhead Location** **Lat : 40.426333**
Operator: Occidental **Area: DJ** **Long : -104.890189**
Rig: **Type: U-Lateral** **Magnetic Declination: 7.68**
TD: 21,105' **Plane of Proposal: 85.50**

| Measured Depth Ft | Drift Angle Deg | Azimuth Direction Deg | Course Length Ft | TVD Ft | Vertical Section Ft | COORDINATES | | CLOSURE | | Dog Leg Severity Deg/100' | Build / Drop Deg/100' | Left / Right Deg/100' |
|-------------------|-----------------|-----------------------|------------------|--------|---------------------|-------------|---------|-------------|---------------|---------------------------|-----------------------|-----------------------|
| | | | | | | N-S Ft | E-W Ft | Distance FT | Direction Deg | | | |
| 15100 | 89.61 | 359.71 | 100 | 6879.5 | 6487.10 | 2618.25 | 6301.10 | 6823.42 | 67.44 | 5.25 | -0.03 | 354.75 |
| 15200 | 89.59 | 354.46 | 100 | 6880.2 | 6489.86 | 2718.08 | 6296.01 | 6857.68 | 66.65 | 5.25 | -0.02 | -5.25 |
| 15300 | 89.58 | 349.21 | 100 | 6880.9 | 6483.47 | 2817.03 | 6281.82 | 6884.54 | 65.85 | 5.25 | -0.01 | -5.25 |
| 15400 | 89.56 | 343.96 | 100 | 6881.7 | 6467.98 | 2914.27 | 6258.62 | 6903.86 | 65.03 | 5.25 | -0.02 | -5.25 |
| 15500 | 89.55 | 338.71 | 100 | 6882.5 | 6443.52 | 3008.97 | 6226.63 | 6915.55 | 64.21 | 5.25 | -0.01 | -5.25 |
| 15600 | 89.55 | 333.46 | 100 | 6883.2 | 6410.29 | 3100.35 | 6186.11 | 6919.55 | 63.38 | 5.25 | 0.00 | -5.25 |
| 15700 | 89.55 | 328.21 | 100 | 6884.0 | 6368.58 | 3187.64 | 6137.40 | 6915.83 | 62.55 | 5.25 | 0.00 | -5.25 |
| 15800 | 89.55 | 322.96 | 100 | 6884.8 | 6318.72 | 3270.11 | 6080.90 | 6904.41 | 61.73 | 5.25 | 0.00 | -5.25 |
| 15900 | 89.55 | 317.71 | 100 | 6885.6 | 6261.15 | 3347.06 | 6017.09 | 6885.36 | 60.91 | 5.25 | 0.00 | -5.25 |
| 16000 | 89.56 | 312.46 | 100 | 6886.4 | 6196.35 | 3417.85 | 5946.52 | 6858.77 | 60.11 | 5.25 | 0.01 | -5.25 |
| 16100 | 89.58 | 307.21 | 100 | 6887.1 | 6124.85 | 3481.88 | 5869.76 | 6824.77 | 59.32 | 5.25 | 0.02 | -5.25 |
| 16200 | 89.59 | 301.96 | 100 | 6887.8 | 6047.25 | 3538.62 | 5787.46 | 6783.55 | 58.56 | 5.25 | 0.01 | -5.25 |
| 16300 | 89.61 | 296.71 | 100 | 6888.5 | 5964.22 | 3587.59 | 5700.31 | 6735.31 | 57.82 | 5.25 | 0.02 | -5.25 |
| 16400 | 89.64 | 291.46 | 100 | 6889.2 | 5876.44 | 3628.39 | 5609.05 | 6680.32 | 57.10 | 5.25 | 0.03 | -5.25 |
| 16500 | 89.66 | 286.21 | 100 | 6889.8 | 5784.66 | 3660.66 | 5514.44 | 6618.88 | 56.42 | 5.25 | 0.02 | -5.25 |
| 16600 | 89.69 | 280.96 | 100 | 6890.4 | 5689.63 | 3684.14 | 5417.28 | 6551.32 | 55.78 | 5.25 | 0.03 | -5.25 |
| 16700 | 89.72 | 275.71 | 100 | 6890.9 | 5592.16 | 3698.63 | 5318.37 | 6478.03 | 55.18 | 5.25 | 0.03 | -5.25 |
| 16800 | 89.76 | 270.46 | 100 | 6891.3 | 5493.08 | 3704.01 | 5218.55 | 6399.45 | 54.63 | 5.25 | 0.04 | -5.25 |
| 16833 | 89.77 | 268.75 | 33 | 6891.5 | 5460.61 | 3703.79 | 5186.00 | 6372.80 | 54.47 | 5.25 | 0.03 | -5.25 |
| 16900 | 89.77 | 268.75 | 67 | 6891.8 | 5393.27 | 3702.31 | 5118.57 | 6317.19 | 54.12 | 0.00 | 0.00 | 0.00 |
| 17000 | 89.77 | 268.75 | 100 | 6892.2 | 5293.43 | 3700.13 | 5018.59 | 6235.16 | 53.60 | 0.00 | 0.00 | 0.00 |
| 17033 | 89.77 | 268.75 | 33 | 6892.3 | 5260.93 | 3699.42 | 4986.05 | 6208.58 | 53.43 | 0.00 | 0.00 | 0.00 |
| 17100 | 89.68 | 267.74 | 67 | 6892.6 | 5193.56 | 3697.36 | 4918.63 | 6153.33 | 53.07 | 1.50 | -0.13 | -1.50 |
| 17200 | 89.54 | 266.25 | 100 | 6893.3 | 5093.60 | 3692.12 | 4818.78 | 6070.61 | 52.54 | 1.50 | -0.14 | -1.49 |
| 17303 | 89.40 | 264.71 | 103 | 6894.2 | 4990.39 | 3683.98 | 4715.88 | 5984.25 | 52.00 | 1.50 | -0.14 | -1.49 |
| 17400 | 89.40 | 264.71 | 97 | 6895.3 | 4893.62 | 3675.06 | 4619.52 | 5903.05 | 51.50 | 0.00 | 0.00 | 0.00 |
| 17500 | 89.40 | 264.71 | 100 | 6896.3 | 4793.64 | 3665.84 | 4519.95 | 5819.65 | 50.96 | 0.00 | 0.00 | 0.00 |
| 17600 | 89.40 | 264.71 | 100 | 6897.4 | 4693.65 | 3656.62 | 4420.39 | 5736.78 | 50.40 | 0.00 | 0.00 | 0.00 |
| 17700 | 89.40 | 264.71 | 100 | 6898.4 | 4593.67 | 3647.40 | 4320.82 | 5654.47 | 49.83 | 0.00 | 0.00 | 0.00 |
| 17800 | 89.40 | 264.71 | 100 | 6899.4 | 4493.68 | 3638.18 | 4221.25 | 5572.73 | 49.24 | 0.00 | 0.00 | 0.00 |
| 17900 | 89.40 | 264.71 | 100 | 6900.5 | 4393.70 | 3628.96 | 4121.68 | 5491.60 | 48.64 | 0.00 | 0.00 | 0.00 |
| 18000 | 89.40 | 264.71 | 100 | 6901.5 | 4293.71 | 3619.74 | 4022.11 | 5411.09 | 48.01 | 0.00 | 0.00 | 0.00 |
| 18100 | 89.40 | 264.71 | 100 | 6902.6 | 4193.73 | 3610.53 | 3922.54 | 5331.25 | 47.37 | 0.00 | 0.00 | 0.00 |
| 18200 | 89.40 | 264.71 | 100 | 6903.6 | 4093.74 | 3601.31 | 3822.97 | 5252.10 | 46.71 | 0.00 | 0.00 | 0.00 |
| 18300 | 89.40 | 264.71 | 100 | 6904.7 | 3993.76 | 3592.09 | 3723.40 | 5173.67 | 46.03 | 0.00 | 0.00 | 0.00 |
| 18400 | 89.40 | 264.71 | 100 | 6905.7 | 3893.77 | 3582.87 | 3623.84 | 5095.99 | 45.33 | 0.00 | 0.00 | 0.00 |
| 18500 | 89.40 | 264.71 | 100 | 6906.8 | 3793.79 | 3573.65 | 3524.27 | 5019.11 | 44.60 | 0.00 | 0.00 | 0.00 |
| 18600 | 89.40 | 264.71 | 100 | 6907.8 | 3693.80 | 3564.43 | 3424.70 | 4943.05 | 43.85 | 0.00 | 0.00 | 0.00 |
| 18700 | 89.40 | 264.71 | 100 | 6908.9 | 3593.82 | 3555.21 | 3325.13 | 4867.85 | 43.08 | 0.00 | 0.00 | 0.00 |
| 18800 | 89.40 | 264.71 | 100 | 6909.9 | 3493.83 | 3545.99 | 3225.56 | 4793.57 | 42.29 | 0.00 | 0.00 | 0.00 |
| 18900 | 89.40 | 264.71 | 100 | 6911.0 | 3393.85 | 3536.77 | 3125.99 | 4720.23 | 41.47 | 0.00 | 0.00 | 0.00 |
| 19000 | 89.40 | 264.71 | 100 | 6912.0 | 3293.86 | 3527.55 | 3026.42 | 4647.89 | 40.63 | 0.00 | 0.00 | 0.00 |
| 19100 | 89.40 | 264.71 | 100 | 6913.1 | 3193.88 | 3518.33 | 2926.86 | 4576.59 | 39.76 | 0.00 | 0.00 | 0.00 |
| 19200 | 89.40 | 264.71 | 100 | 6914.1 | 3093.89 | 3509.11 | 2827.29 | 4506.38 | 38.86 | 0.00 | 0.00 | 0.00 |
| 19300 | 89.40 | 264.71 | 100 | 6915.2 | 2993.91 | 3499.90 | 2727.72 | 4437.31 | 37.93 | 0.00 | 0.00 | 0.00 |
| 19400 | 89.40 | 264.71 | 100 | 6916.2 | 2893.92 | 3490.68 | 2628.15 | 4369.44 | 36.98 | 0.00 | 0.00 | 0.00 |
| 19500 | 89.40 | 264.71 | 100 | 6917.2 | 2793.94 | 3481.46 | 2528.58 | 4302.82 | 35.99 | 0.00 | 0.00 | 0.00 |
| 19600 | 89.40 | 264.71 | 100 | 6918.3 | 2693.95 | 3472.24 | 2429.01 | 4237.52 | 34.97 | 0.00 | 0.00 | 0.00 |
| 19700 | 89.40 | 264.71 | 100 | 6919.3 | 2593.97 | 3463.02 | 2329.44 | 4173.58 | 33.93 | 0.00 | 0.00 | 0.00 |
| 19800 | 89.40 | 264.71 | 100 | 6920.4 | 2493.98 | 3453.80 | 2229.88 | 4111.09 | 32.85 | 0.00 | 0.00 | 0.00 |
| 19900 | 89.40 | 264.71 | 100 | 6921.4 | 2394.00 | 3444.58 | 2130.31 | 4050.10 | 31.73 | 0.00 | 0.00 | 0.00 |
| 20000 | 89.40 | 264.71 | 100 | 6922.5 | 2294.01 | 3435.36 | 2030.74 | 3990.69 | 30.59 | 0.00 | 0.00 | 0.00 |
| 20100 | 89.40 | 264.71 | 100 | 6923.5 | 2194.03 | 3426.14 | 1931.17 | 3932.92 | 29.41 | 0.00 | 0.00 | 0.00 |
| 20200 | 89.40 | 264.71 | 100 | 6924.6 | 2094.04 | 3416.92 | 1831.60 | 3876.87 | 28.19 | 0.00 | 0.00 | 0.00 |
| 20300 | 89.40 | 264.71 | 100 | 6925.6 | 1994.06 | 3407.70 | 1732.03 | 3822.61 | 26.94 | 0.00 | 0.00 | 0.00 |
| 20400 | 89.40 | 264.71 | 100 | 6926.7 | 1894.07 | 3398.48 | 1632.46 | 3770.23 | 25.66 | 0.00 | 0.00 | 0.00 |
| 20500 | 89.40 | 264.71 | 100 | 6927.7 | 1794.09 | 3389.27 | 1532.90 | 3719.80 | 24.34 | 0.00 | 0.00 | 0.00 |
| 20600 | 89.40 | 264.71 | 100 | 6928.8 | 1694.10 | 3380.05 | 1433.33 | 3671.39 | 22.98 | 0.00 | 0.00 | 0.00 |

Minimum Radius of Curvature

API: **05-123-52330** Well: **Schmerge 4-11HZ** Wellhead Location Lat : **40.426333**
 Operator: **Occidental** Area: **DJ** Long : **-104.890189**
 Rig: Type: **U-Lateral** Magnetic Declination: **7.68**
 TD: **21,105'** Plane of Proposal: **85.50**

| Measured Depth Ft | Drift Angle Deg | Azimuth Direction Deg | Course Length Ft | TVD Ft | Vertical Section Ft | COORDINATES | | CLOSURE | | Dog Leg Severity Deg/100' | Build / Drop Deg/100' | Left / Right Deg/100' |
|-------------------------|-----------------------|-----------------------------|------------------------|-----------|---------------------------|-------------|-----------|----------------|------------------|---------------------------------|-----------------------------|-----------------------------|
| | | | | | | N-S Ft | E-W Ft | Distance FT | Direction Deg | | | |
| 20700 | 89.40 | 264.71 | 100 | 6929.8 | 1594.12 | 3370.83 | 1333.76 | 3625.10 | 21.59 | 0.00 | 0.00 | 0.00 |
| 20800 | 89.40 | 264.71 | 100 | 6930.9 | 1494.13 | 3361.61 | 1234.19 | 3581.01 | 20.16 | 0.00 | 0.00 | 0.00 |
| 20900 | 89.40 | 264.71 | 100 | 6931.9 | 1394.15 | 3352.39 | 1134.62 | 3539.19 | 18.70 | 0.00 | 0.00 | 0.00 |
| 21000 | 89.40 | 264.71 | 100 | 6933.0 | 1294.16 | 3343.17 | 1035.05 | 3499.73 | 17.20 | 0.00 | 0.00 | 0.00 |
| 21100 | 89.40 | 264.71 | 100 | 6934.0 | 1194.18 | 3333.95 | 935.48 | 3462.71 | 15.67 | 0.00 | 0.00 | 0.00 |
| 21105 | 89.40 | 264.71 | 5 | 6934.1 | 1189.18 | 3333.49 | 930.51 | 3460.92 | 15.60 | 0.00 | 0.00 | 0.00 |