

Header Information	measured depth (ft)	inclination (°)	azimuth (°)	true vertical depth (ft)	northing +N/-S (ft)	easting +E/-W (ft)
Operator Name	0.0	0.00	0.00	0	0	0
APOLLO OPERATING LLC	200.0	0.00	0.00	200	0	0
Operator Number	240.0	0.80	45.23	240	0.2	0.2
10051	280.0	1.60	45.23	279.99	0.79	0.79
Well Name and Number	320.0	2.40	45.228	319.96	1.77	1.78
JWHS 31-2D	360.0	3.20	45.228	359.92	3.15	3.17
API Number (if available)	400.0	4.00	45.228	399.84	4.91	4.95
	440.0	4.80	45.228	439.72	7.08	7.13
Location: QQ SEC TWP RGE	480.0	5.60	45.228	479.55	9.63	9.71
Sec.2-T3N-R68W	520.0	6.40	45.228	519.33	12.57	12.67
Citing Type: Planned or Actual	560.0	7.20	45.228	559.05	15.91	16.04
Planned	600.0	8.00	45.228	598.7	19.64	19.79
Deviation Indicator	640.0	8.80	45.228	638.27	23.75	23.94
Directional ▼	680.0	9.60	45.228	677.76	28.25	28.48
North Reference	720.0	10.40	45.228	717.15	33.15	33.41
True ▼	760.0	11.2	45.228	756.44	38.43	38.73
Grid Type	800.0	12	45.228	795.62	44.09	44.44
▼	840.0	12.8	45.228	834.69	50.14	50.54
	880.0	13.6	45.228	873.63	56.57	57.02
	920.0	14.4	45.228	912.44	63.39	63.89
	960.0	15.2	45.228	951.12	70.58	71.15
	1000.0	16	45.228	989.64	78.16	78.78
	1040.0	16.8	45.228	1028.02	86.11	86.8
	1080.0	17.6	45.228	1066.23	94.44	95.2
	1120.0	18.4	45.228	1104.27	103.15	103.97
	1160.0	19.2	45.228	1142.13	112.23	113.13
	1200.0	20	45.228	1179.82	121.68	122.65
	1240.0	20.8	45.228	1217.31	131.5	132.55
	1280.0	21.6	45.228	1254.6	141.68	142.82

1282.5	21.65	45.228	1256.95	142.34	143.48
1320.0	21.65	45.228	1291.78	152.08	153.29
1360.0	21.65	45.228	1328.96	162.47	163.77
1400.0	21.65	45.228	1366.13	172.86	174.25
1440.0	21.65	45.228	1403.31	183.26	184.72
1480.0	21.65	45.228	1440.49	193.65	195.2
1520.0	21.65	45.228	1477.67	204.05	205.68
1560.0	21.65	45.228	1514.85	214.44	216.15
1600.0	21.65	45.228	1552.02	224.83	226.63
1640.0	21.65	45.228	1589.2	235.23	237.11
1680.0	21.65	45.228	1626.38	245.62	247.58
1720.0	21.65	45.228	1663.56	256.01	258.06
1760.0	21.65	45.228	1700.74	266.41	268.54
1800.0	21.65	45.228	1737.91	276.8	279.01
1840.0	21.65	45.228	1775.09	287.2	289.49
1880.0	21.65	45.228	1812.27	297.59	299.97
1920.0	21.65	45.228	1849.45	307.98	310.45
1960.0	21.65	45.228	1886.63	318.38	320.92
2000.0	21.65	45.228	1923.81	328.77	331.4
2040.0	21.65	45.228	1960.98	339.16	341.88
2080.0	21.65	45.228	1998.16	349.56	352.35
2120.0	21.65	45.228	2035.34	359.95	362.83
2160.0	21.65	45.228	2072.52	370.34	373.31
2200.0	21.65	45.228	2109.7	380.74	383.78
2240.0	21.65	45.228	2146.87	391.13	394.26
2280.0	21.65	45.228	2184.05	401.53	404.74
2320.0	21.65	45.228	2221.23	411.92	415.21
2360.0	21.65	45.228	2258.41	422.31	425.69
2400.0	21.65	45.228	2295.59	432.71	436.17
2440.0	21.65	45.228	2332.76	443.1	446.64
2480.0	21.65	45.228	2369.94	453.49	457.12
2520.0	21.65	45.228	2407.12	463.89	467.6
2560.0	21.65	45.228	2444.3	474.28	478.07
2600.0	21.65	45.228	2481.48	484.67	488.55

2640.0	21.65	45.228	2518.65	495.07	499.03
2680.0	21.65	45.228	2555.83	505.46	509.5
2720.0	21.65	45.228	2593.01	515.86	519.98
2760.0	21.65	45.228	2630.19	526.25	530.46
2800.0	21.65	45.228	2667.37	536.64	540.93
2840.0	21.65	45.228	2704.54	547.04	551.41
2880.0	21.65	45.228	2741.72	557.43	561.89
2920.0	21.65	45.228	2778.9	567.82	572.36
2960.0	21.65	45.228	2816.08	578.22	582.84
3000.0	21.65	45.228	2853.26	588.61	593.32
3040.0	21.65	45.228	2890.44	599	603.79
3080.0	21.65	45.228	2927.61	609.4	614.27
3120.0	21.65	45.228	2964.79	619.79	624.75
3160.0	21.65	45.228	3001.97	630.19	635.22
3200.0	21.65	45.228	3039.15	640.58	645.7
3240.0	21.65	45.228	3076.33	650.97	656.18
3280.0	21.65	45.228	3113.5	661.37	666.65
3320.0	21.65	45.228	3150.68	671.76	677.13
3360.0	21.65	45.228	3187.86	682.15	687.61
3400.0	21.65	45.228	3225.04	692.55	698.09
3440.0	21.65	45.228	3262.22	702.94	708.56
3480.0	21.65	45.228	3299.39	713.33	719.04
3520.0	21.65	45.228	3336.57	723.73	729.52
3560.0	21.65	45.228	3373.75	734.12	739.99
3600.0	21.65	45.228	3410.93	744.52	750.47
3640.0	21.65	45.228	3448.11	754.91	760.95
3680.0	21.65	45.228	3485.28	765.3	771.42
3720.0	21.65	45.228	3522.46	775.7	781.9
3760.0	21.65	45.228	3559.64	786.09	792.38
3800.0	21.65	45.228	3596.82	796.48	802.85
3840.0	21.65	45.228	3634	806.88	813.33
3880.0	21.65	45.228	3671.17	817.27	823.81
3920.0	21.65	45.228	3708.35	827.66	834.28
3960.0	21.65	45.228	3745.53	838.06	844.76

4000.0	21.65	45.228	3782.71	848.45	855.24
4040.0	21.65	45.228	3819.89	858.85	865.71
4080.0	21.65	45.228	3857.07	869.24	876.19
4120.0	21.65	45.228	3894.24	879.63	886.67
4160.0	21.65	45.228	3931.42	890.03	897.14
4200.0	21.65	45.228	3968.6	900.42	907.62
4240.0	21.65	45.228	4005.78	910.81	918.1
4280.0	21.65	45.228	4042.96	921.21	928.57
4320.0	21.65	45.228	4080.13	931.6	939.05
4360.0	21.65	45.228	4117.31	941.99	949.53
4400.0	21.65	45.228	4154.49	952.39	960
4440.0	21.65	45.228	4191.67	962.78	970.48
4480.0	21.65	45.228	4228.85	973.18	980.96
4520.0	21.65	45.228	4266.02	983.57	991.43
4560.0	21.65	45.228	4303.2	993.96	1001.91
4600.0	21.65	45.228	4340.38	1004.36	1012.39
4640.0	21.65	45.228	4377.56	1014.75	1022.86
4680.0	21.65	45.228	4414.74	1025.14	1033.34
4720.0	21.65	45.228	4451.91	1035.54	1043.82
4760.0	21.65	45.228	4489.09	1045.93	1054.3
4800.0	21.65	45.228	4526.27	1056.32	1064.77
4840.0	21.65	45.228	4563.45	1066.72	1075.25
4880.0	21.65	45.228	4600.63	1077.11	1085.73
4920.0	21.65	45.228	4637.8	1087.51	1096.2
4960.0	21.65	45.228	4674.98	1097.9	1106.68
5000.0	21.65	45.228	4712.16	1108.29	1117.16
5040.0	21.65	45.228	4749.34	1118.69	1127.63
5080.0	21.65	45.228	4786.52	1129.08	1138.11
5120.0	21.65	45.228	4823.7	1139.47	1148.59
5160.0	21.65	45.228	4860.87	1149.87	1159.06
5200.0	21.65	45.228	4898.05	1160.26	1169.54
5240.0	21.65	45.228	4935.23	1170.66	1180.02
5248.4	21.65	45.228	4943.05	1172.84	1182.22
5280.0	21.019	45.228	4972.47	1180.93	1190.38

5320.0	20.219	45.228	5009.91	1190.86	1200.38
5360.0	19.419	45.228	5047.54	1200.41	1210.01
5400.0	18.619	45.228	5085.36	1209.59	1219.26
5440.0	17.819	45.228	5123.35	1218.39	1228.14
5480.0	17.019	45.228	5161.52	1226.83	1236.64
5520.0	16.219	45.228	5199.84	1234.88	1244.76
5560.0	15.419	45.228	5238.33	1242.56	1252.5
5600.0	14.619	45.228	5276.96	1249.86	1259.86
5640.0	13.819	45.228	5315.74	1256.78	1266.83
5680.0	13.019	45.228	5354.64	1263.32	1273.42
5720.0	12.219	45.228	5393.68	1269.48	1279.63
5760.0	11.419	45.228	5432.83	1275.25	1285.44
5800.0	10.619	45.228	5472.09	1280.63	1290.87
5840.0	9.819	45.228	5511.46	1285.63	1295.91
5880.0	9.019	45.228	5550.92	1290.24	1300.56
5920.0	8.219	45.228	5590.47	1294.46	1304.81
5960.0	7.419	45.228	5630.09	1298.29	1308.67
6000.0	6.619	45.228	5669.79	1301.73	1312.14
6040.0	5.819	45.228	5709.56	1304.79	1315.22
6080.0	5.019	45.228	5749.38	1307.45	1317.9
6120.0	4.219	45.228	5789.25	1309.72	1320.19
6160.0	3.419	45.228	5829.16	1311.59	1322.08
6200.0	2.619	45.228	5869.1	1313.08	1323.58
6240.0	1.819	45.228	5909.07	1314.17	1324.67
6280.0	1.019	45.228	5949.06	1314.86	1325.38
6320.0	0.219	45.228	5989.06	1315.17	1325.68
6330.9	0	0	6000	1315.18	1325.7
8080.9	0	0	7750	1315.18	1325.7