

BW - 21

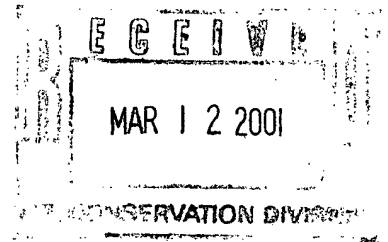
SONAR

BW - 21

2-7-2001

**SONARWIRE, INC.**

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Survey conducted by: Sean McCool

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LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
FEBRUARY 7, 2001

Survey from 500 ft. to 642 ft.  
Sonar T.D. at 662 ft.  
4 3/4 inch cemented at 499ft.  
Zero sonar tool at C.H.F.  
Site personnel: Mr. Randall Harris

SONARWIRE INC.  
Depth versus Volume

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 506   | 2.8                  | 2.8                | 0.5                | 0.5              |
| 507   | 184.7                | 187.5              | 32.9               | 33.4             |
| 508   | 443.6                | 631.2              | 79.0               | 112.4            |
| 509   | 846.9                | 1478.1             | 150.8              | 263.3            |
| 510   | 3124.0               | 4602.1             | 556.4              | 819.7            |
| 511   | 7421.6               | 12023.7            | 1321.8             | 2141.5           |
| 512   | 8117.6               | 20141.3            | 1445.8             | 3587.3           |
| 513   | 9281.8               | 29423.2            | 1653.2             | 5240.5           |
| 514   | 9253.6               | 38676.8            | 1648.1             | 6888.6           |
| 515   | 9289.3               | 47966.1            | 1654.5             | 8543.1           |
| 516   | 9610.9               | 57577.0            | 1711.8             | 10254.9          |
| 517   | 9972.3               | 67549.3            | 1776.2             | 12031.1          |
| 518   | 9847.2               | 77396.5            | 1753.9             | 13784.9          |
| 519   | 9726.6               | 87123.1            | 1732.4             | 15517.3          |
| 520   | 9629.0               | 96752.0            | 1715.0             | 17232.3          |
| 521   | 9536.6               | 106288.6           | 1698.5             | 18930.8          |
| 522   | 9172.7               | 115461.3           | 1633.7             | 20564.6          |
| 523   | 8835.8               | 124297.1           | 1573.7             | 22138.3          |
| 524   | 8577.3               | 132874.4           | 1527.7             | 23666.0          |
| 525   | 8336.6               | 141211.0           | 1484.8             | 25150.8          |
| 526   | 8082.6               | 149293.6           | 1439.6             | 26590.3          |
| 527   | 7846.5               | 157140.0           | 1397.5             | 27987.9          |
| 528   | 7742.5               | 164882.5           | 1379.0             | 29366.8          |
| 529   | 7655.0               | 172537.5           | 1363.4             | 30730.3          |
| 530   | 7537.3               | 180074.9           | 1342.5             | 32072.7          |
| 531   | 7422.5               | 187497.4           | 1322.0             | 33394.7          |
| 532   | 7310.6               | 194808.0           | 1302.1             | 34696.8          |
| 533   | 7129.3               | 201937.3           | 1269.8             | 35966.6          |
| 534   | 6969.7               | 208907.0           | 1241.4             | 37207.9          |
| 535   | 6831.8               | 215738.7           | 1216.8             | 38424.7          |
| 536   | 6187.6               | 221926.3           | 1102.1             | 39526.8          |
| 537   | 5597.1               | 227523.4           | 996.9              | 40523.7          |
| 538   | 5060.3               | 232583.7           | 901.3              | 41424.9          |
| 539   | 4158.8               | 236742.5           | 740.7              | 42165.7          |
| 540   | 3374.4               | 240116.8           | 601.0              | 42766.7          |
| 541   | 2707.0               | 242823.8           | 482.1              | 43248.8          |
| 542   | 2515.5               | 245339.3           | 448.0              | 43696.8          |
| 543   | 2340.1               | 247679.4           | 416.8              | 44113.6          |
| 544   | 2180.6               | 249860.0           | 388.4              | 44502.0          |
| 545   | 1968.5               | 251828.5           | 350.6              | 44852.6          |
| 546   | 1768.3               | 253596.8           | 315.0              | 45167.5          |
| 547   | 1580.2               | 255177.0           | 281.4              | 45449.0          |
| 548   | 1703.7               | 256880.7           | 303.4              | 45752.4          |
| 549   | 1852.8               | 258733.6           | 330.0              | 46082.4          |
| 550   | 2027.5               | 260761.0           | 361.1              | 46443.5          |
| 551   | 1785.1               | 262546.2           | 317.9              | 46761.5          |



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 552   | 1565.0               | 264111.1           | 278.7              | 47040.2          |
| 553   | 1366.9               | 265478.1           | 243.5              | 47283.7          |
| 554   | 6630.6               | 272108.7           | 1181.0             | 48464.7          |
| 555   | 16062.6              | 288171.2           | 2860.9             | 51325.5          |
| 556   | 29662.9              | 317834.1           | 5283.2             | 56608.7          |
| 557   | 29300.5              | 347134.6           | 5218.6             | 61827.4          |
| 558   | 28947.1              | 376081.7           | 5155.7             | 66983.1          |
| 559   | 28602.6              | 404684.3           | 5094.3             | 72077.4          |
| 560   | 28167.5              | 432851.9           | 5016.9             | 77094.3          |
| 561   | 27751.2              | 460603.1           | 4942.7             | 82037.0          |
| 562   | 27353.6              | 487956.7           | 4871.9             | 86908.9          |
| 563   | 26259.0              | 514215.6           | 4676.9             | 91585.8          |
| 564   | 25195.0              | 539410.6           | 4487.4             | 96073.2          |
| 565   | 24161.7              | 563572.3           | 4303.4             | 100376.6         |
| 566   | 23295.1              | 586867.4           | 4149.0             | 104525.6         |
| 567   | 22451.9              | 609319.3           | 3998.9             | 108524.5         |
| 568   | 21632.1              | 630951.5           | 3852.9             | 112377.3         |
| 569   | 20978.1              | 651929.6           | 3736.4             | 116113.7         |
| 570   | 20341.6              | 672271.2           | 3623.0             | 119736.7         |
| 571   | 19722.4              | 691993.6           | 3512.7             | 123249.4         |
| 572   | 17011.6              | 709005.2           | 3029.9             | 126279.3         |
| 573   | 14515.2              | 723520.4           | 2585.3             | 128864.6         |
| 574   | 12233.4              | 735753.8           | 2178.9             | 131043.4         |
| 575   | 11814.8              | 747568.6           | 2104.3             | 133147.7         |
| 576   | 11405.8              | 758974.4           | 2031.5             | 135179.2         |
| 577   | 11006.5              | 769980.9           | 1960.3             | 137139.5         |
| 578   | 10536.9              | 780517.8           | 1876.7             | 139016.2         |
| 579   | 10080.3              | 790598.2           | 1795.4             | 140811.6         |
| 580   | 9636.8               | 800235.0           | 1716.4             | 142528.0         |
| 581   | 9015.5               | 809250.5           | 1605.7             | 144133.8         |
| 582   | 8420.2               | 817670.7           | 1499.7             | 145633.5         |
| 583   | 7850.9               | 825521.5           | 1398.3             | 147031.7         |
| 584   | 7207.2               | 832728.7           | 1283.7             | 148315.4         |
| 585   | 6600.5               | 839329.2           | 1175.6             | 149491.0         |
| 586   | 6030.9               | 845360.1           | 1074.1             | 150565.1         |
| 587   | 5610.0               | 850970.1           | 999.2              | 151564.3         |
| 588   | 5206.1               | 856176.2           | 927.2              | 152491.6         |
| 589   | 4819.2               | 860995.4           | 858.3              | 153349.9         |
| 590   | 4500.5               | 865495.9           | 801.6              | 154151.5         |
| 591   | 4194.7               | 869690.6           | 747.1              | 154898.6         |
| 592   | 3902.0               | 873592.6           | 695.0              | 155593.6         |
| 593   | 3567.1               | 877159.7           | 635.3              | 156228.9         |
| 594   | 3256.1               | 880415.9           | 579.9              | 156808.9         |
| 595   | 2969.0               | 883384.9           | 528.8              | 157337.7         |
| 596   | 2680.6               | 886065.5           | 477.4              | 157815.1         |
| 597   | 2409.7               | 888475.2           | 429.2              | 158244.3         |
| 598   | 2156.3               | 890631.5           | 384.1              | 158628.3         |
| 599   | 1800.0               | 892431.6           | 320.6              | 158948.9         |

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 600   | 1482.9               | 893914.4           | 264.1              | 159213.1         |
| 601   | 1204.8               | 895119.2           | 214.6              | 159427.6         |
| 602   | 1137.5               | 896256.7           | 202.6              | 159630.2         |
| 603   | 1073.5               | 897330.2           | 191.2              | 159821.4         |
| 604   | 1012.8               | 898342.9           | 180.4              | 160001.8         |
| 605   | 10308.6              | 908651.6           | 1836.0             | 161837.9         |
| 606   | 29592.2              | 938243.8           | 5270.6             | 167108.5         |
| 607   | 58863.4              | 997107.1           | 10484.0            | 177592.5         |
| 608   | 64160.2              | 1061267.3          | 11427.4            | 189019.9         |
| 609   | 69709.2              | 1130976.5          | 12415.7            | 201435.6         |
| 610   | 75510.2              | 1206486.7          | 13448.9            | 214884.6         |
| 611   | 75380.5              | 1281867.2          | 13425.8            | 228310.4         |
| 612   | 75252.4              | 1357119.6          | 13403.0            | 241713.5         |
| 613   | 75126.1              | 1432245.7          | 13380.5            | 255094.0         |
| 614   | 75312.5              | 1507558.2          | 13413.7            | 268507.7         |
| 615   | 75504.5              | 1583062.8          | 13447.9            | 281955.7         |
| 616   | 75702.1              | 1658764.8          | 13483.1            | 295438.8         |
| 617   | 75484.9              | 1734249.8          | 13444.5            | 308883.3         |
| 618   | 75271.8              | 1809521.6          | 13406.5            | 322289.7         |
| 619   | 75062.6              | 1884584.2          | 13369.2            | 335659.0         |
| 620   | 74902.5              | 1959486.7          | 13340.7            | 348999.7         |
| 621   | 74750.4              | 2034237.1          | 13313.6            | 362313.3         |
| 622   | 74606.3              | 2108843.5          | 13288.0            | 375601.3         |
| 623   | 74349.6              | 2183193.0          | 13242.2            | 388843.5         |
| 624   | 74100.4              | 2257293.5          | 13197.9            | 402041.4         |
| 625   | 73859.0              | 2331152.5          | 13154.9            | 415196.2         |
| 626   | 73592.0              | 2404744.4          | 13107.3            | 428303.5         |
| 627   | 73330.2              | 2478074.6          | 13060.7            | 441364.2         |
| 628   | 73073.6              | 2551148.2          | 13015.0            | 454379.2         |
| 629   | 72450.4              | 2623598.6          | 12904.0            | 467283.2         |
| 630   | 71837.1              | 2695435.8          | 12794.8            | 480077.9         |
| 631   | 71233.8              | 2766669.6          | 12687.3            | 492765.2         |
| 632   | 70409.5              | 2837079.1          | 12540.5            | 505305.7         |
| 633   | 69605.1              | 2906684.2          | 12397.2            | 517702.9         |
| 634   | 68820.4              | 2975504.7          | 12257.5            | 529960.3         |
| 635   | 69331.2              | 3044835.9          | 12348.4            | 542308.7         |
| 636   | 69896.4              | 3114732.2          | 12449.1            | 554757.8         |
| 637   | 70515.9              | 3185248.1          | 12559.4            | 567317.3         |
| 638   | 66297.0              | 3251545.0          | 11808.0            | 579125.2         |
| 639   | 62274.6              | 3313819.6          | 11091.6            | 590216.8         |
| 640   | 58448.8              | 3372268.4          | 10410.2            | 600627.0         |
| 641   | 57396.0              | 3429664.4          | 10222.7            | 610849.7         |
| 642   | 56415.9              | 3486080.4          | 10048.1            | 620897.8         |
| 643   | 55508.5              | 3541588.9          | 9886.5             | 630784.3         |
| 644   | 52768.1              | 3594357.0          | 9398.4             | 640182.7         |
| 645   | 50105.9              | 3644462.8          | 8924.2             | 649106.9         |
| 646   | 47523.5              | 3691986.4          | 8464.3             | 657571.2         |
| 647   | 45021.6              | 3737007.9          | 8018.7             | 665589.9         |

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 648   | 42597.4              | 3779605.3          | 7586.9             | 673176.9         |
| 649   | 40253.3              | 3819858.6          | 7169.4             | 680346.3         |
| 650   | 37987.3              | 3857845.9          | 6765.8             | 687112.1         |
| 651   | 36308.5              | 3894154.5          | 6466.8             | 693578.9         |
| 652   | 35669.8              | 3929824.3          | 6353.1             | 699932.0         |
| 653   | 32957.7              | 3962782.0          | 5870.0             | 705802.0         |
| 654   | 30365.3              | 3993147.3          | 5408.3             | 711210.3         |
| 655   | 28898.0              | 4022045.3          | 5147.0             | 716357.3         |
| 656   | 27472.1              | 4049517.4          | 4893.0             | 721250.3         |
| 657   | 26523.6              | 4076041.1          | 4724.1             | 725974.4         |
| 658   | 25268.8              | 4101309.8          | 4500.6             | 730474.9         |
| 659   | 23814.6              | 4125124.4          | 4241.6             | 734716.5         |
| 660   | 22160.3              | 4147284.8          | 3946.9             | 738663.4         |
| 661   | 20546.8              | 4167831.6          | 3659.5             | 742322.9         |
| 662   | 18359.4              | 4186191.0          | 3269.9             | 745592.9         |
| 663   | 16757.6              | 4202948.6          | 2984.7             | 748577.6         |
| 664   | 13791.3              | 4216739.9          | 2456.3             | 751033.9         |
| 665   | 10106.8              | 4226846.7          | 1800.1             | 752834.0         |
| 666   | 4348.9               | 4231195.6          | 774.6              | 753608.6         |
| 667   | 2158.4               | 4233354.0          | 384.4              | 753993.0         |

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

SONARWIRE, INC  
Depth vs Volume

BRINE WELL NO. 1  
Wed, Feb 7, 2001

Depth in Feet



SONARWIRE INC.  
Max Radius & Depth vs Bearing

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

This table lists the maximum radius (in feet) found at each of the 128 bearings at which soundings were taken. Also listed after each radius, (separated by ':'), is the depth (in feet) at which that maximum radius was found. Bearings are shown, (in degrees), for each row of four 'radius : depth' pairs.

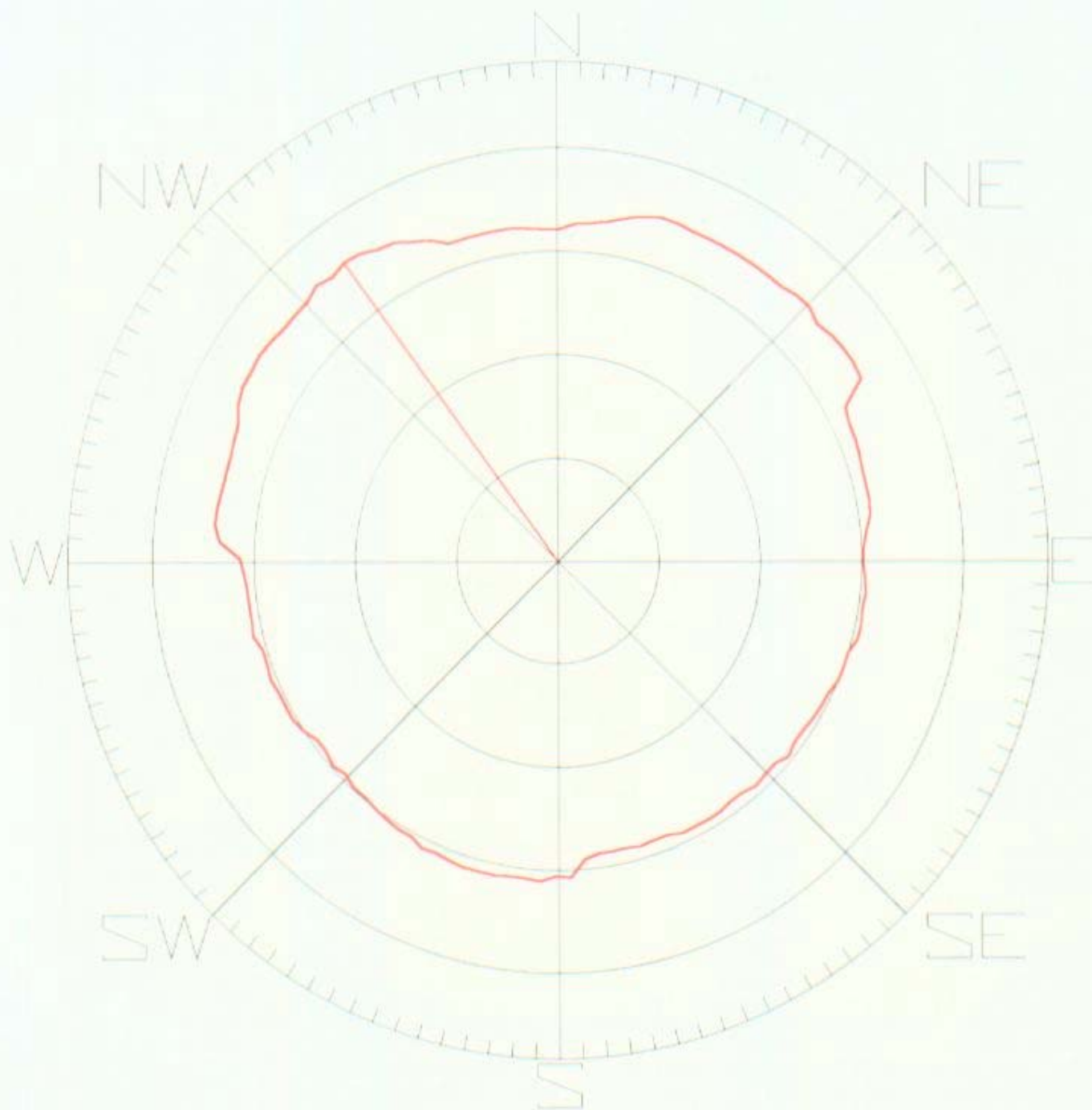
| Bearing | +0.0       | +2.8       | +5.6       | +8.4       |
|---------|------------|------------|------------|------------|
| 0.0     | 160.4: 627 | 163.3: 627 | 164.2: 627 | 166.1: 627 |
| 11.3    | 169.0: 627 | 171.8: 630 | 173.7: 630 | 173.7: 630 |
| 22.5    | 172.8: 624 | 172.8: 636 | 172.8: 636 | 172.8: 636 |
| 33.8    | 172.8: 636 | 172.8: 636 | 172.8: 636 | 174.6: 639 |
| 45.0    | 174.6: 639 | 171.8: 642 | 173.7: 642 | 174.6: 642 |
| 56.3    | 174.6: 642 | 173.7: 642 | 160.4: 636 | 158.5: 615 |
| 67.5    | 158.5: 615 | 157.6: 615 | 156.6: 615 | 156.6: 615 |
| 78.8    | 156.6: 609 | 155.7: 609 | 152.8: 609 | 150.9: 609 |
| 90.0    | 150.9: 609 | 151.9: 612 | 152.8: 612 | 151.9: 612 |
| 101.3   | 152.8: 612 | 152.8: 609 | 150.0: 612 | 150.0: 609 |
| 112.5   | 150.0: 609 | 148.1: 612 | 148.1: 609 | 147.1: 612 |
| 123.8   | 146.2: 609 | 146.2: 609 | 148.1: 609 | 145.2: 612 |
| 135.0   | 145.2: 609 | 146.2: 609 | 144.3: 612 | 144.3: 609 |
| 146.3   | 145.2: 612 | 145.2: 609 | 145.2: 609 | 145.2: 609 |
| 157.5   | 143.3: 612 | 143.3: 612 | 144.3: 609 | 143.3: 612 |
| 168.8   | 143.3: 612 | 143.3: 615 | 145.2: 615 | 153.8: 621 |
| 180.0   | 152.8: 621 | 155.7: 621 | 154.7: 621 | 154.7: 621 |
| 191.3   | 155.7: 615 | 155.7: 612 | 155.7: 618 | 154.7: 609 |
| 202.5   | 153.8: 609 | 154.7: 612 | 151.9: 612 | 151.9: 609 |
| 213.8   | 150.9: 609 | 150.0: 609 | 149.0: 609 | 149.0: 609 |
| 225.0   | 147.1: 615 | 149.0: 609 | 147.1: 615 | 147.1: 621 |
| 236.3   | 150.0: 624 | 151.9: 624 | 151.9: 624 | 151.9: 621 |
| 247.5   | 152.8: 621 | 151.9: 630 | 151.9: 627 | 154.7: 636 |
| 258.8   | 153.8: 621 | 153.8: 624 | 153.8: 621 | 154.7: 624 |
| 270.0   | 156.6: 624 | 167.1: 624 | 169.9: 624 | 169.9: 624 |
| 281.3   | 169.0: 627 | 169.0: 615 | 169.0: 615 | 169.9: 615 |
| 292.5   | 170.9: 636 | 174.6: 627 | 176.5: 627 | 176.5: 636 |
| 303.8   | 177.5: 636 | 176.5: 636 | 175.6: 636 | 175.6: 636 |
| 315.0   | 175.6: 636 | 178.4: 633 | 176.5: 636 | 178.4: 642 |
| 326.3   | 177.5: 642 | 174.6: 642 | 173.7: 642 | 169.9: 642 |
| 337.5   | 167.1: 642 | 162.3: 624 | 162.3: 618 | 162.3: 618 |
| 348.8   | 162.3: 618 | 162.3: 615 | 161.4: 615 | 160.4: 609 |

Between 505 and 667 foot depths, maximum radius  
was 178.4 feet at bearing 323.4 at 642.0 foot depth

LOCO HILLS WATER DISPOSAL  
BRINE WELL NO. 1  
LOCO HILLS, NM

SONARWIRE, INC  
Max Range vs Bearing

Max Radius=178.4 ft @ 323.9 deg  
Depth= 642 ft. Wed, Feb 7, 2001



1 inch = 75.0 ft.

200 150 100 50 0 50 100 150 200

SONARWIRE INC.  
Average Wall Range versus Depth (ft.)

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Avg Rad<br>ft. | Min Rad<br>ft @ Az | Max Rad<br>ft @ Az | Min Dia<br>ft @ Az | Max Dia<br>ft @ Az |
|-------|----------------|--------------------|--------------------|--------------------|--------------------|
| 505   | 1              | 1 @ 0.1            | 1 @ 357.2          | 2 @ 0.1-180.1      | 2 @ 0.1-180.1      |
| 506   | 7              | 2 @ 191.3          | 12 @ 132.2         | 11 @ 84.4-264.4    | 19 @ 140.7-320.7   |
| 508   | 14             | 4 @ 174.4          | 37 @ 2.9           | 20 @ 95.7-275.7    | 41 @ 2.9-182.9     |
| 510   | 46             | 14 @ 81.6          | 67 @ 11.3          | 70 @ 84.4-264.4    | 123 @ 67.5-247.6   |
| 512   | 54             | 43 @ 241.9         | 68 @ 357.2         | 95 @ 154.7-334.7   | 121 @ 81.6-261.6   |
| 514   | 54             | 38 @ 180.1         | 69 @ 343.2         | 100 @ 50.7-230.7   | 117 @ 16.9-196.9   |
| 516   | 56             | 43 @ 115.4         | 70 @ 337.6         | 103 @ 106.9-286.9  | 118 @ 157.6-337.6  |
| 518   | 56             | 43 @ 135.1         | 69 @ 346.0         | 104 @ 101.3-281.3  | 118 @ 166.0-346.0  |
| 520   | 55             | 43 @ 129.4         | 69 @ 348.8         | 103 @ 104.1-284.1  | 116 @ 16.9-196.9   |
| 522   | 53             | 42 @ 140.7         | 69 @ 329.1         | 98 @ 45.0-225.1    | 115 @ 0.1-180.1    |
| 524   | 51             | 39 @ 182.9         | 70 @ 329.1         | 93 @ 11.3-191.3    | 111 @ 149.1-329.1  |
| 526   | 50             | 36 @ 191.3         | 70 @ 329.1         | 86 @ 28.2-208.2    | 112 @ 149.1-329.1  |
| 528   | 49             | 32 @ 205.4         | 71 @ 331.9         | 79 @ 25.4-205.4    | 111 @ 140.7-320.7  |
| 531   | 47             | 33 @ 194.1         | 71 @ 323.5         | 76 @ 25.4-205.4    | 113 @ 143.5-323.5  |
| 534   | 45             | 24 @ 211.0         | 72 @ 317.9         | 73 @ 45.0-225.1    | 104 @ 135.1-315.1  |
| 537   | 39             | 21 @ 182.9         | 57 @ 357.2         | 66 @ 31.0-211.0    | 86 @ 76.0-256.0    |
| 540   | 29             | 19 @ 168.8         | 40 @ 292.6         | 49 @ 168.8-348.8   | 67 @ 45.0-225.1    |
| 543   | 27             | 19 @ 196.9         | 35 @ 309.4         | 46 @ 14.1-194.1    | 60 @ 118.2-298.2   |
| 546   | 23             | 17 @ 194.1         | 29 @ 317.9         | 41 @ 11.3-191.3    | 50 @ 104.1-284.1   |
| 549   | 25             | 14 @ 143.5         | 46 @ 295.4         | 36 @ 166.0-346.0   | 67 @ 106.9-286.9   |
| 552   | 20             | 11 @ 129.4         | 44 @ 292.6         | 27 @ 171.6-351.6   | 61 @ 109.7-289.7   |
| 555   | 97             | 82 @ 151.9         | 121 @ 295.4        | 177 @ 154.7-334.7  | 221 @ 106.9-286.9  |
| 558   | 95             | 81 @ 146.3         | 119 @ 298.2        | 176 @ 151.9-331.9  | 218 @ 101.3-281.3  |
| 561   | 93             | 82 @ 163.2         | 118 @ 303.8        | 168 @ 45.0-225.1   | 221 @ 115.4-295.4  |
| 564   | 87             | 74 @ 140.7         | 113 @ 301.0        | 156 @ 39.4-219.4   | 206 @ 101.3-281.3  |
| 567   | 83             | 66 @ 163.2         | 113 @ 301.0        | 146 @ 31.0-211.0   | 195 @ 101.3-281.3  |
| 570   | 79             | 62 @ 140.7         | 110 @ 301.0        | 138 @ 28.2-208.2   | 188 @ 118.2-298.2  |
| 573   | 62             | 53 @ 239.1         | 86 @ 303.8         | 110 @ 56.3-236.3   | 156 @ 112.6-292.6  |
| 576   | 59             | 50 @ 149.1         | 78 @ 303.8         | 107 @ 64.7-244.7   | 142 @ 123.8-303.8  |
| 579   | 55             | 47 @ 180.1         | 73 @ 303.8         | 100 @ 61.9-241.9   | 132 @ 115.4-295.4  |
| 582   | 50             | 40 @ 171.6         | 69 @ 301.0         | 87 @ 42.2-222.2    | 124 @ 106.9-286.9  |
| 585   | 44             | 35 @ 180.1         | 54 @ 303.8         | 80 @ 31.0-211.0    | 97 @ 123.8-303.8   |
| 588   | 39             | 32 @ 182.9         | 47 @ 301.0         | 72 @ 47.9-227.9    | 89 @ 112.6-292.6   |
| 591   | 35             | 30 @ 135.1         | 44 @ 323.5         | 65 @ 22.6-202.6    | 77 @ 112.6-292.6   |
| 594   | 31             | 24 @ 92.9          | 39 @ 301.0         | 52 @ 42.2-222.2    | 68 @ 168.8-348.8   |
| 597   | 26             | 18 @ 98.5          | 32 @ 275.7         | 45 @ 45.0-225.1    | 61 @ 151.9-331.9   |
| 600   | 20             | 13 @ 123.8         | 28 @ 292.6         | 29 @ 47.9-227.9    | 45 @ 0.1-180.1     |
| 603   | 18             | 13 @ 50.7          | 27 @ 292.6         | 27 @ 36.6-216.6    | 40 @ 106.9-286.9   |
| 606   | 137            | 123 @ 140.7        | 151 @ 312.2        | 265 @ 81.6-261.6   | 284 @ 22.6-202.6   |
| 609   | 155            | 143 @ 174.4        | 169 @ 28.2         | 301 @ 87.2-267.2   | 321 @ 16.9-196.9   |
| 612   | 155            | 143 @ 163.2        | 170 @ 25.4         | 301 @ 78.8-258.8   | 325 @ 25.4-205.4   |
| 615   | 156            | 142 @ 160.4        | 170 @ 33.8         | 300 @ 84.4-264.4   | 321 @ 14.1-194.1   |
| 618   | 155            | 142 @ 154.7        | 171 @ 292.6        | 301 @ 81.6-261.6   | 323 @ 22.6-202.6   |
| 621   | 154            | 140 @ 166.0        | 172 @ 303.8        | 296 @ 168.8-348.8  | 323 @ 16.9-196.9   |
| 624   | 154            | 139 @ 157.6        | 175 @ 301.0        | 297 @ 73.2-253.2   | 320 @ 19.7-199.7   |
| 627   | 153            | 137 @ 182.9        | 177 @ 298.2        | 293 @ 168.8-348.8  | 322 @ 118.2-298.2  |
| 630   | 151            | 136 @ 180.1        | 174 @ 16.9         | 292 @ 0.1-180.1    | 315 @ 16.9-196.9   |

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Avg Rad<br>ft. | Min Rad<br>ft @ Az | Max Rad<br>ft @ Az | Min Dia<br>ft @ Az | Max Dia<br>ft @ Az |
|-------|----------------|--------------------|--------------------|--------------------|--------------------|
| 633   | 148            | 131 @ 185.7        | 179 @ 317.9        | 288 @ 2.9-182.9    | 313 @ 137.9-317.9  |
| 636   | 149            | 122 @ 227.9        | 178 @ 303.8        | 281 @ 2.9-182.9    | 317 @ 118.2-298.2  |
| 639   | 136            | 112 @ 222.2        | 178 @ 323.5        | 253 @ 118.2-298.2  | 297 @ 143.5-323.5  |
| 642   | 132            | 111 @ 227.9        | 179 @ 323.5        | 243 @ 118.2-298.2  | 294 @ 143.5-323.5  |
| 652   | 104            | 94 @ 208.2         | 116 @ 39.4         | 198 @ 168.8-348.8  | 219 @ 81.6-261.6   |
| 660   | 90             | 78 @ 227.9         | 104 @ 331.9        | 169 @ 11.3-191.3   | 186 @ 146.3-326.3  |
| 664   | 77             | 66 @ 199.7         | 87 @ 22.6          | 146 @ 61.9-241.9   | 159 @ 166.0-346.0  |
| 666   | 66             | 59 @ 180.1         | 71 @ 42.2          | 127 @ 177.2-357.2  | 135 @ 132.2-312.2  |
| 667   | 53             | 49 @ 185.7         | 59 @ 354.4         | 104 @ 73.2-253.2   | 109 @ 149.1-329.1  |
| 666   | 44             | 41 @ 208.2         | 48 @ 348.8         | 87 @ 0.1-180.1     | 90 @ 8.5-188.5     |
| 664   | 32             | 27 @ 329.1         | 35 @ 50.7          | 59 @ 126.6-306.6   | 68 @ 61.9-241.9    |
| 663   | 26             | 25 @ 211.0         | 28 @ 16.9          | 51 @ 64.7-244.7    | 54 @ 16.9-196.9    |
| 661   | 20             | 19 @ 301.0         | 23 @ 174.4         | 38 @ 126.6-306.6   | 44 @ 8.5-188.5     |
| 662   | 20             | 19 @ 320.7         | 22 @ 76.0          | 39 @ 140.7-320.7   | 41 @ 11.3-191.3    |
| 663   | 21             | 21 @ 357.2         | 21 @ 0.1           | 42 @ 0.1-180.1     | 42 @ 0.1-180.1     |



SONARWIRE INC.  
Wall Ranges versus Depth (ft.)

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Tilt | N     | NE    | E     | SE    | S     | SW    | W     | NW    |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 505   | 0    | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   | 0.9   |
| 506   | 0    | 9.8   | 10.4  | 9.2   | 11.7  | 2.8   | 1.9   | 1.9   | 4.1   |
| 508   | 0    | 23.4  | 26.6  | 13.3  | 20.9  | 3.8   | 3.8   | 7.0   | 7.9   |
| 510   | 0    | 65.0  | 59.5  | 13.9  | 20.2  | 27.0  | 46.4  | 56.1  | 53.1  |
| 512   | 0    | 67.9  | 54.0  | 55.7  | 48.5  | 49.4  | 47.2  | 56.5  | 60.7  |
| 514   | 0    | 68.3  | 54.4  | 52.3  | 43.9  | 37.1  | 47.2  | 56.1  | 63.7  |
| 516   | 0    | 67.9  | 65.4  | 51.9  | 45.1  | 48.5  | 49.8  | 55.7  | 64.5  |
| 518   | 0    | 66.2  | 59.9  | 48.5  | 42.2  | 48.1  | 48.9  | 56.1  | 64.1  |
| 520   | 0    | 67.1  | 60.3  | 51.9  | 43.0  | 46.4  | 47.2  | 54.0  | 62.0  |
| 522   | 0    | 67.1  | 49.8  | 45.1  | 42.2  | 47.2  | 47.7  | 54.0  | 62.9  |
| 524   | 0    | 61.2  | 48.9  | 44.3  | 41.3  | 38.4  | 48.5  | 56.5  | 62.9  |
| 526   | 0    | 54.8  | 49.4  | 43.9  | 41.3  | 38.0  | 48.5  | 52.7  | 64.1  |
| 528   | 0    | 55.3  | 45.6  | 42.6  | 40.9  | 34.6  | 38.0  | 59.5  | 68.8  |
| 531   | 0    | 55.7  | 44.7  | 38.0  | 41.8  | 34.2  | 35.0  | 56.9  | 67.1  |
| 534   | 0    | 56.9  | 43.9  | 46.0  | 32.5  | 24.5  | 29.1  | 50.2  | 71.3  |
| 537   | 0    | 56.1  | 45.1  | 37.1  | 29.9  | 21.1  | 24.9  | 37.1  | 52.3  |
| 540   | 0    | 31.6  | 33.3  | 25.7  | 20.2  | 20.2  | 33.3  | 36.7  | 34.6  |
| 543   | 0    | 27.8  | 28.3  | 28.3  | 22.4  | 19.4  | 21.5  | 27.4  | 32.9  |
| 546   | 0    | 24.0  | 25.3  | 23.2  | 16.9  | 17.3  | 19.4  | 22.8  | 28.3  |
| 549   | 0    | 21.1  | 32.1  | 24.9  | 14.8  | 16.0  | 17.7  | 28.3  | 36.7  |
| 552   | 0    | 15.6  | 22.8  | 24.9  | 11.4  | 13.1  | 14.8  | 21.1  | 25.7  |
| 555   | 0    | 97.5  | 94.9  | 103.1 | 84.8  | 86.7  | 86.7  | 113.9 | 112.0 |
| 558   | 0    | 96.2  | 93.0  | 100.6 | 82.3  | 84.2  | 84.8  | 110.7 | 111.4 |
| 561   | 0    | 94.3  | 84.8  | 93.7  | 84.8  | 83.5  | 82.3  | 102.5 | 109.5 |
| 564   | 0    | 86.7  | 78.5  | 94.9  | 76.6  | 74.7  | 79.1  | 101.3 | 103.8 |
| 567   | 0    | 84.8  | 77.8  | 87.3  | 71.5  | 70.2  | 70.2  | 91.1  | 104.4 |
| 570   | 0    | 79.1  | 77.8  | 82.9  | 69.0  | 62.6  | 67.7  | 87.3  | 102.5 |
| 573   | 0    | 60.6  | 58.7  | 67.6  | 59.4  | 56.2  | 53.7  | 61.3  | 77.7  |
| 576   | 0    | 57.6  | 56.3  | 63.9  | 60.1  | 50.6  | 50.6  | 61.4  | 70.9  |
| 579   | 0    | 56.3  | 54.4  | 54.4  | 53.8  | 46.8  | 48.1  | 56.3  | 67.7  |
| 582   | 0    | 51.9  | 45.6  | 46.2  | 47.5  | 40.5  | 40.5  | 51.3  | 61.4  |
| 585   | 0    | 50.6  | 41.1  | 39.9  | 41.1  | 34.8  | 39.2  | 46.8  | 51.3  |
| 588   | 0    | 42.4  | 36.1  | 36.7  | 38.0  | 31.6  | 35.4  | 43.0  | 46.2  |
| 591   | 0    | 38.6  | 31.0  | 32.3  | 29.1  | 30.4  | 34.2  | 39.2  | 43.0  |
| 594   | 0    | 32.9  | 27.2  | 24.0  | 25.9  | 32.9  | 25.9  | 34.2  | 35.4  |
| 597   | 0    | 29.7  | 20.3  | 18.4  | 21.5  | 28.5  | 24.0  | 31.0  | 31.0  |
| 600   | 0    | 24.7  | 14.6  | 15.2  | 14.6  | 19.6  | 14.6  | 26.6  | 23.4  |
| 603   | 0    | 23.4  | 12.7  | 13.3  | 12.0  | 15.8  | 14.6  | 24.0  | 22.8  |
| 606   | 0    | 139.2 | 140.9 | 132.5 | 124.0 | 137.5 | 137.5 | 133.3 | 149.4 |
| 609   | 0    | 159.5 | 161.4 | 150.9 | 145.2 | 144.3 | 147.1 | 150.9 | 161.4 |
| 612   | 0    | 159.5 | 162.3 | 150.9 | 143.3 | 144.3 | 147.1 | 150.9 | 161.4 |
| 615   | 0    | 159.5 | 162.3 | 150.9 | 144.3 | 151.9 | 147.1 | 154.7 | 161.4 |
| 618   | 0    | 157.6 | 160.4 | 150.0 | 143.3 | 150.9 | 145.2 | 151.9 | 162.3 |
| 621   | 0    | 159.5 | 158.5 | 150.0 | 144.3 | 152.8 | 145.2 | 152.8 | 160.4 |
| 624   | 0    | 156.6 | 159.5 | 150.0 | 142.4 | 143.3 | 143.3 | 156.6 | 159.5 |
| 627   | 0    | 160.4 | 159.5 | 150.0 | 139.5 | 136.7 | 144.3 | 154.7 | 160.4 |
| 630   | 0    | 155.7 | 158.5 | 148.1 | 139.5 | 135.7 | 141.4 | 152.8 | 162.3 |

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

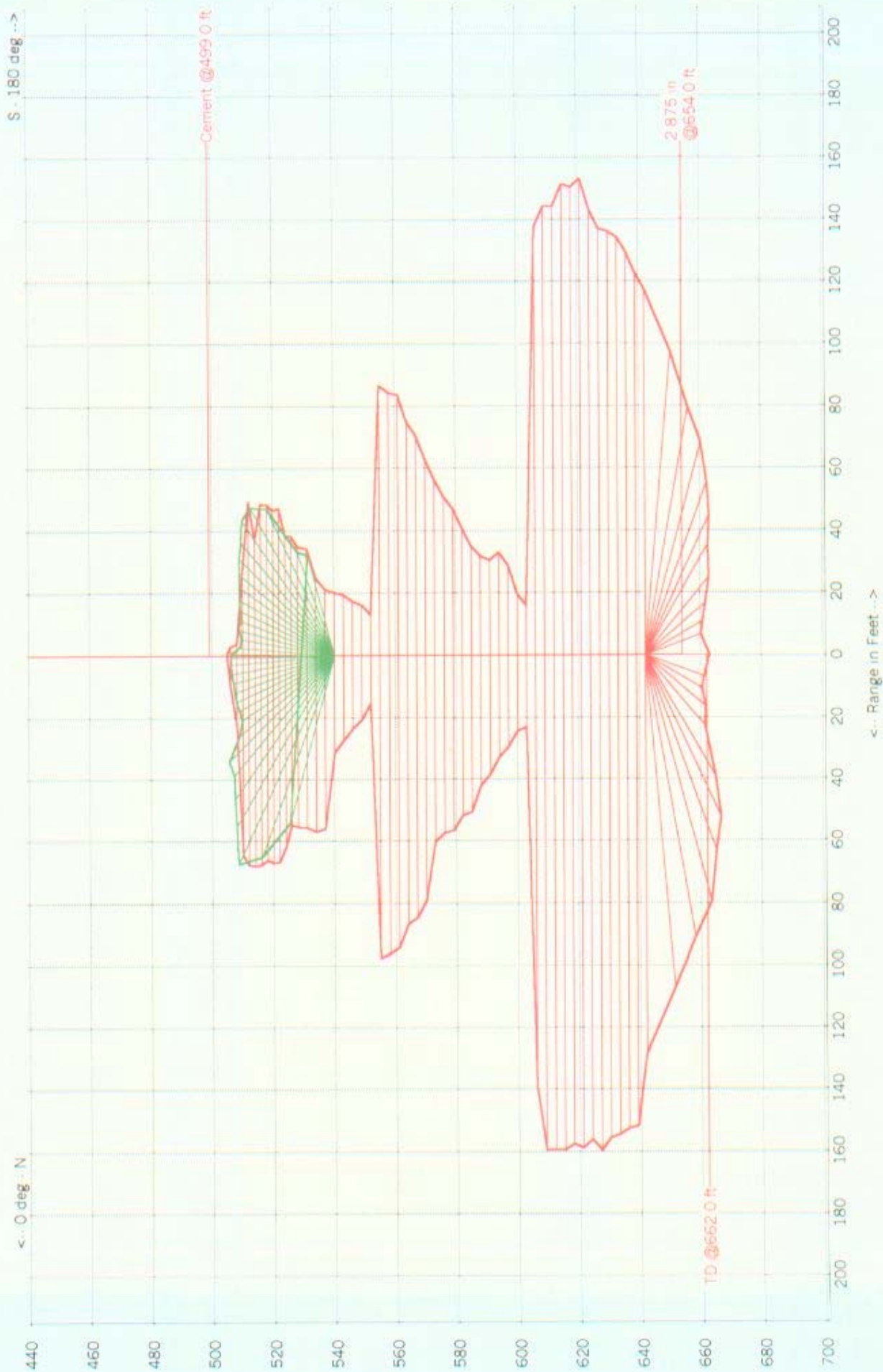
BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Tilt | N     | NE    | E     | SE    | S     | SW    | W     | NW    |
|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 633   | 0    | 154.7 | 159.5 | 139.5 | 133.8 | 133.8 | 142.4 | 153.8 | 174.6 |
| 636   | 0    | 152.8 | 169.0 | 146.2 | 134.8 | 129.1 | 121.5 | 153.8 | 175.6 |
| 639   | 0    | 151.9 | 174.6 | 131.0 | 117.7 | 122.4 | 113.9 | 138.6 | 146.2 |
| 642   | 0    | 128.1 | 169.9 | 125.3 | 113.0 | 117.7 | 110.1 | 125.3 | 146.2 |
| 642   | - 5  | 108.2 | 113.0 | 108.2 | 94.0  | 97.8  | 95.9  | 108.2 | 106.3 |
| 642   | -10  | 92.1  | 94.0  | 93.0  | 86.4  | 80.7  | 77.8  | 89.2  | 93.0  |
| 642   | -15  | 82.6  | 86.4  | 78.8  | 72.1  | 70.2  | 69.3  | 75.9  | 83.5  |
| 642   | -20  | 67.4  | 70.2  | 64.5  | 64.5  | 58.8  | 60.7  | 64.5  | 69.3  |
| 642   | -25  | 57.9  | 54.1  | 54.1  | 51.3  | 49.4  | 51.3  | 50.3  | 54.1  |
| 642   | -30  | 45.6  | 45.6  | 44.6  | 41.8  | 40.8  | 41.8  | 43.7  | 45.6  |
| 642   | -40  | 30.4  | 33.2  | 32.3  | 33.2  | 32.3  | 32.3  | 30.4  | 27.5  |
| 642   | -50  | 25.6  | 26.6  | 25.6  | 25.6  | 25.6  | 25.6  | 25.6  | 26.6  |
| 642   | -60  | 21.5  | 21.5  | 19.9  | 19.0  | 21.5  | 19.3  | 19.0  | 19.3  |
| 642   | -70  | 20.2  | 20.2  | 20.9  | 19.9  | 19.3  | 19.0  | 19.0  | 19.3  |
| 642   | -90  | 20.9  | 20.9  | 20.9  | 20.9  | 20.9  | 20.9  | 20.9  | 20.9  |
| 540   | 89   | 33.8  | 33.8  | 33.8  | 33.8  | 33.8  | 32.9  | 33.8  | 33.8  |
| 540   | 85   | 33.8  | 33.8  | 34.6  | 33.8  | 30.8  | 30.8  | 30.8  | 33.3  |
| 540   | 80   | 34.2  | 35.0  | 34.2  | 34.2  | 30.8  | 31.2  | 31.2  | 31.6  |
| 540   | 75   | 34.2  | 34.6  | 33.8  | 34.2  | 32.5  | 32.1  | 31.6  | 31.2  |
| 540   | 70   | 34.6  | 34.6  | 33.3  | 34.2  | 32.5  | 33.3  | 32.9  | 32.1  |
| 540   | 65   | 35.4  | 37.1  | 33.3  | 35.0  | 33.8  | 34.2  | 34.6  | 33.3  |
| 540   | 60   | 35.9  | 38.0  | 34.2  | 35.4  | 35.9  | 37.1  | 36.7  | 33.8  |
| 540   | 55   | 36.7  | 42.2  | 35.4  | 38.4  | 38.0  | 39.2  | 38.4  | 37.5  |
| 540   | 50   | 40.5  | 41.8  | 37.5  | 40.5  | 40.5  | 41.3  | 40.9  | 40.5  |
| 540   | 45   | 48.5  | 46.4  | 43.9  | 43.9  | 43.9  | 45.6  | 44.3  | 43.0  |
| 540   | 40   | 51.1  | 51.9  | 49.8  | 46.8  | 47.3  | 48.9  | 50.2  | 50.6  |
| 540   | 35   | 56.5  | 56.5  | 51.9  | 53.6  | 52.7  | 53.6  | 50.6  | 56.1  |
| 540   | 30   | 64.1  | 62.9  | 47.7  | 46.4  | 54.8  | 54.4  | 65.4  | 61.2  |
| 540   | 25   | 74.7  | 59.5  | 50.6  | 44.3  | 51.9  | 54.8  | 60.8  | 67.1  |
| 540   | 20   | 69.2  | 50.2  | 43.5  | 42.6  | 35.4  | 52.3  | 59.9  | 68.8  |
| 540   | 15   | 54.0  | 46.0  | 41.8  | 43.5  | 32.9  | 38.0  | 62.0  | 69.6  |

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

SONARWIRE, INC  
Vertical Cross Section

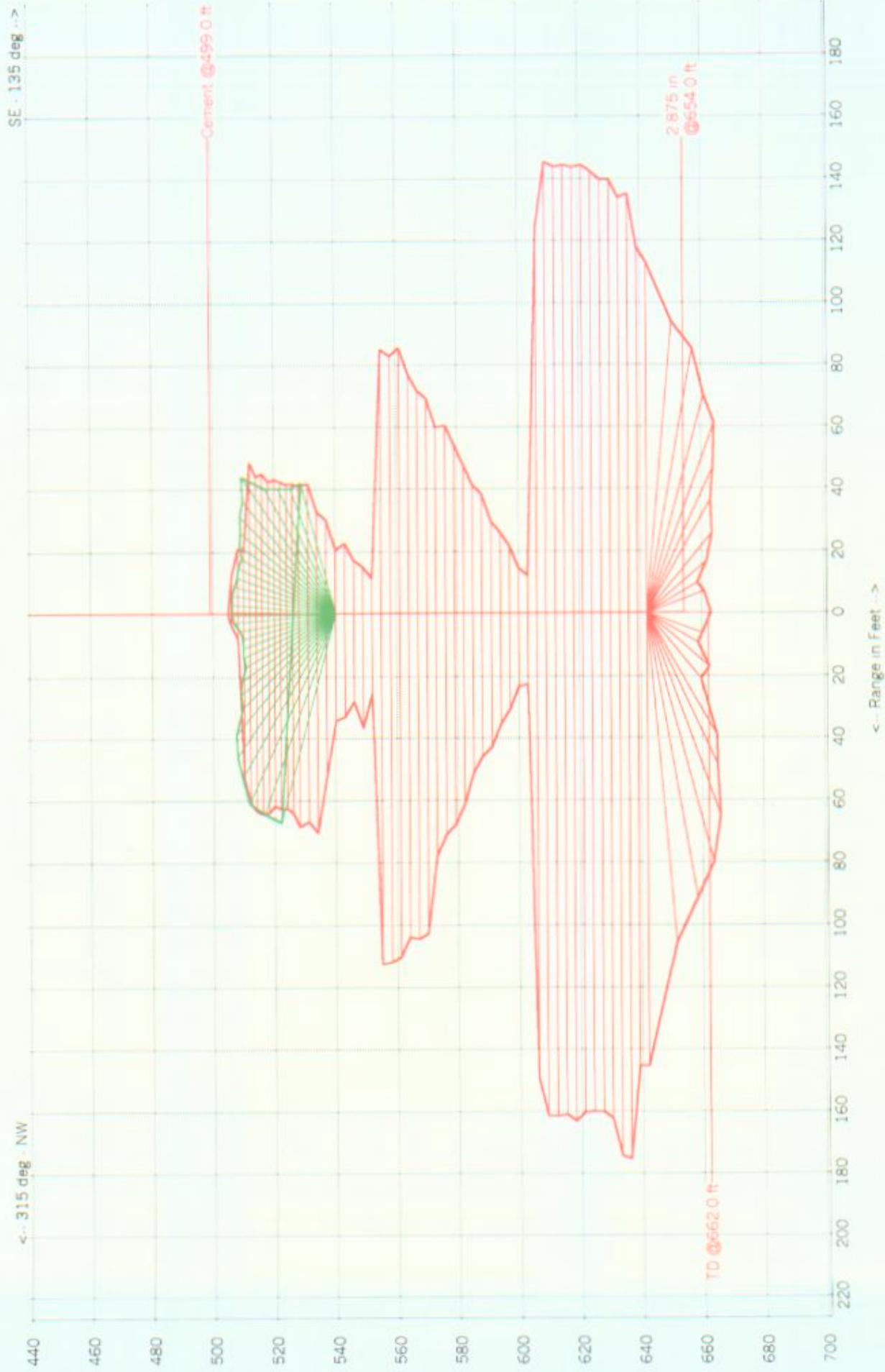
BRINE WELL NO. 1  
Wed, Feb 7, 2001  
Wed, Feb 7, 2001



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

SONARWIRE, INC  
Vertical Cross Section

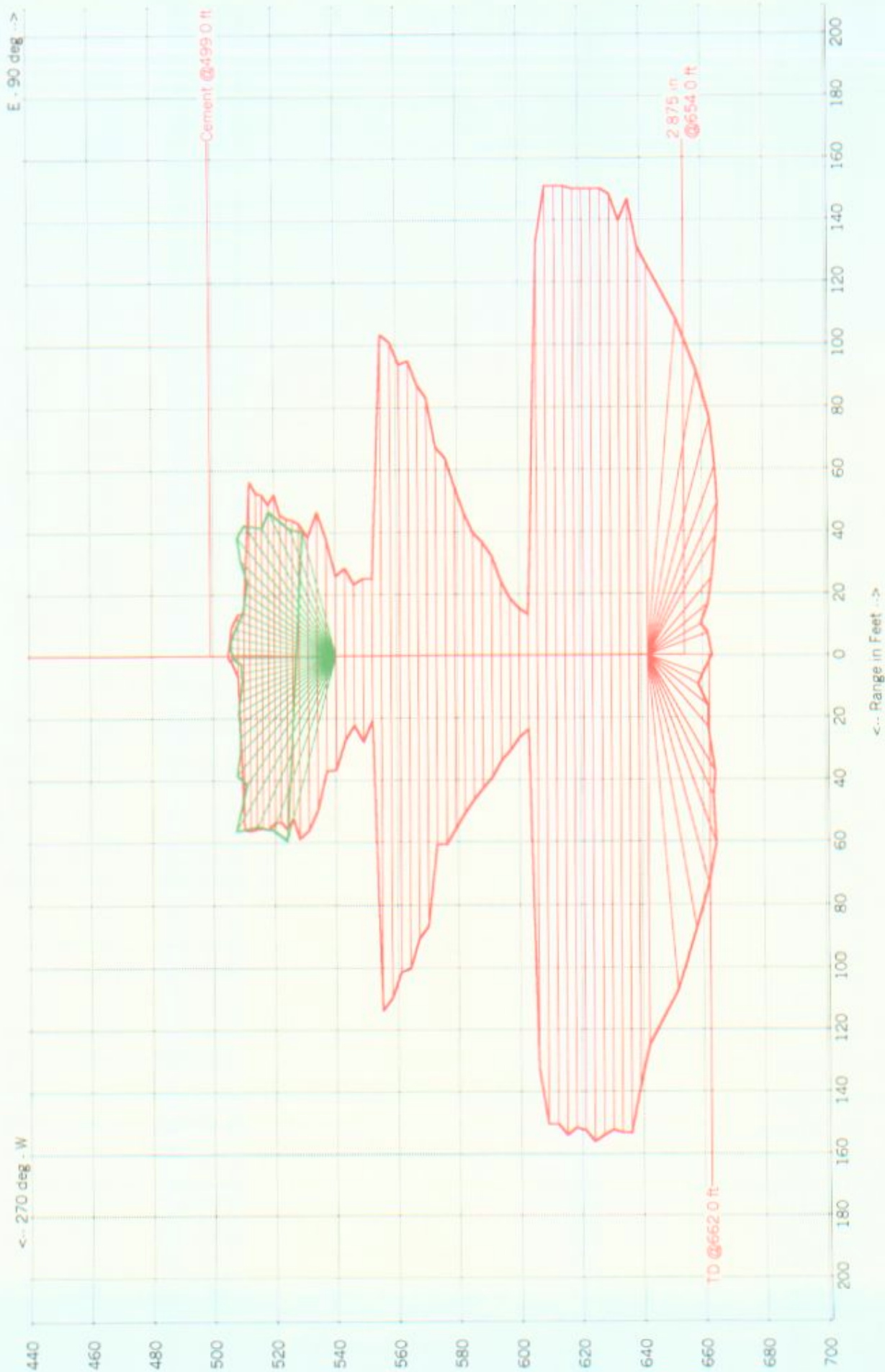
BRINE WELL NO. 1  
Wed, Feb 7, 2001  
Wed, Feb 7, 2001



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

SONARWIRE, INC  
Vertical Cross Section

BRINE WELL NO. 1  
Wed, Feb 7, 2001  
Wed, Feb 7, 2001

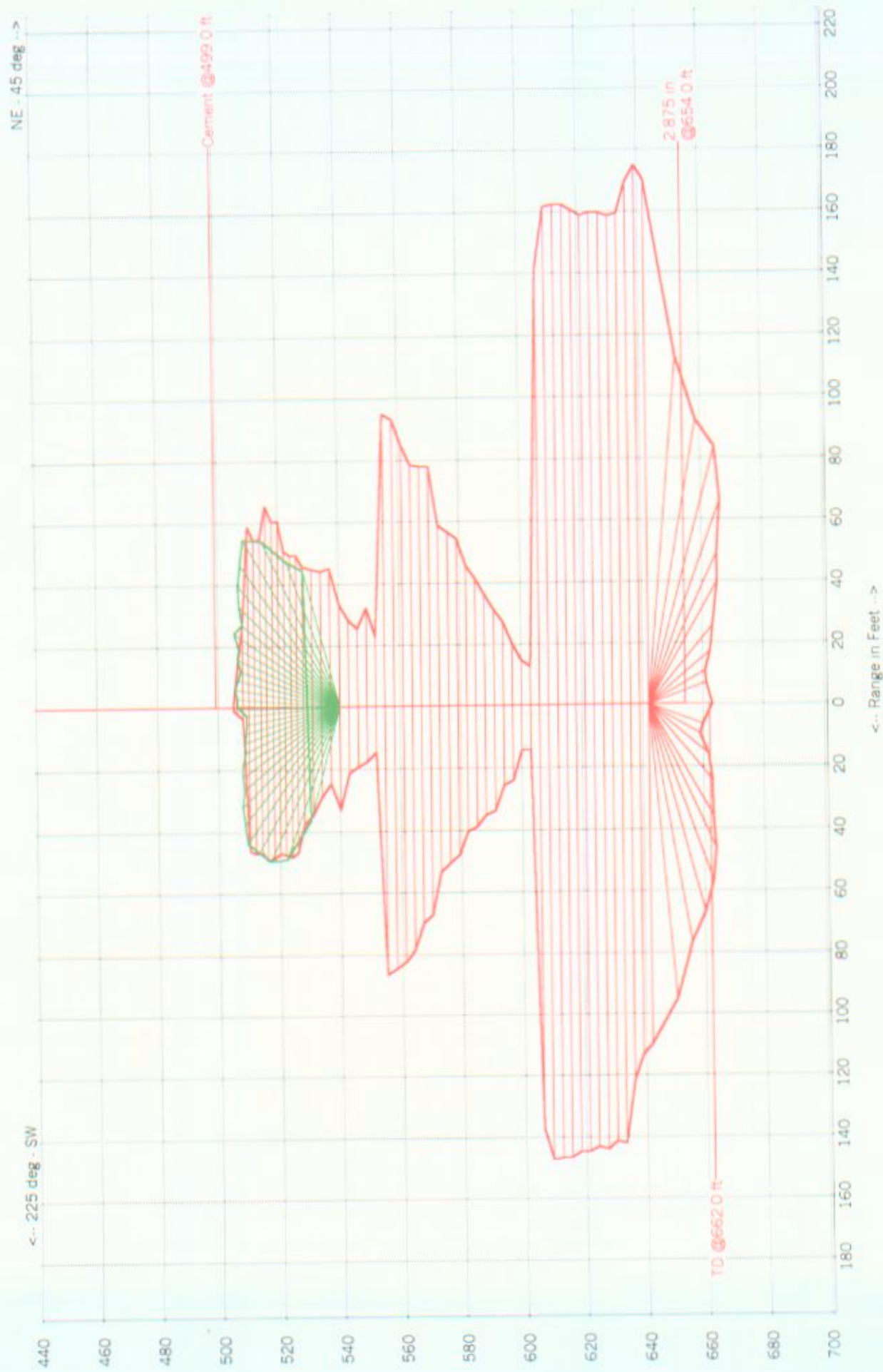




LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

SONARWIRE, INC  
Vertical Cross Section

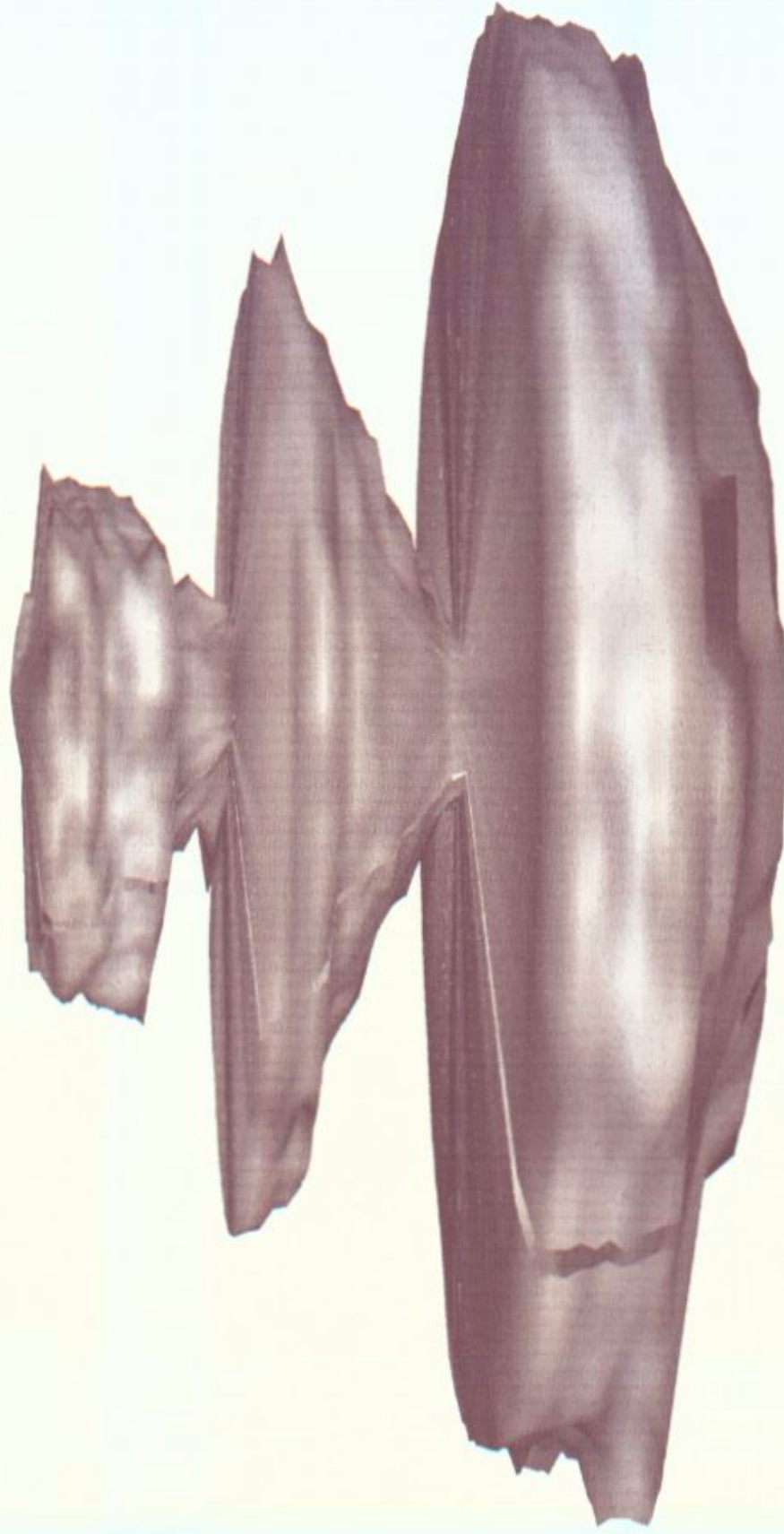
BRINE WELL NO. 1  
Wed, Feb 7, 2001  
Wed, Feb 7, 2001



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

3D SHADE PLOT

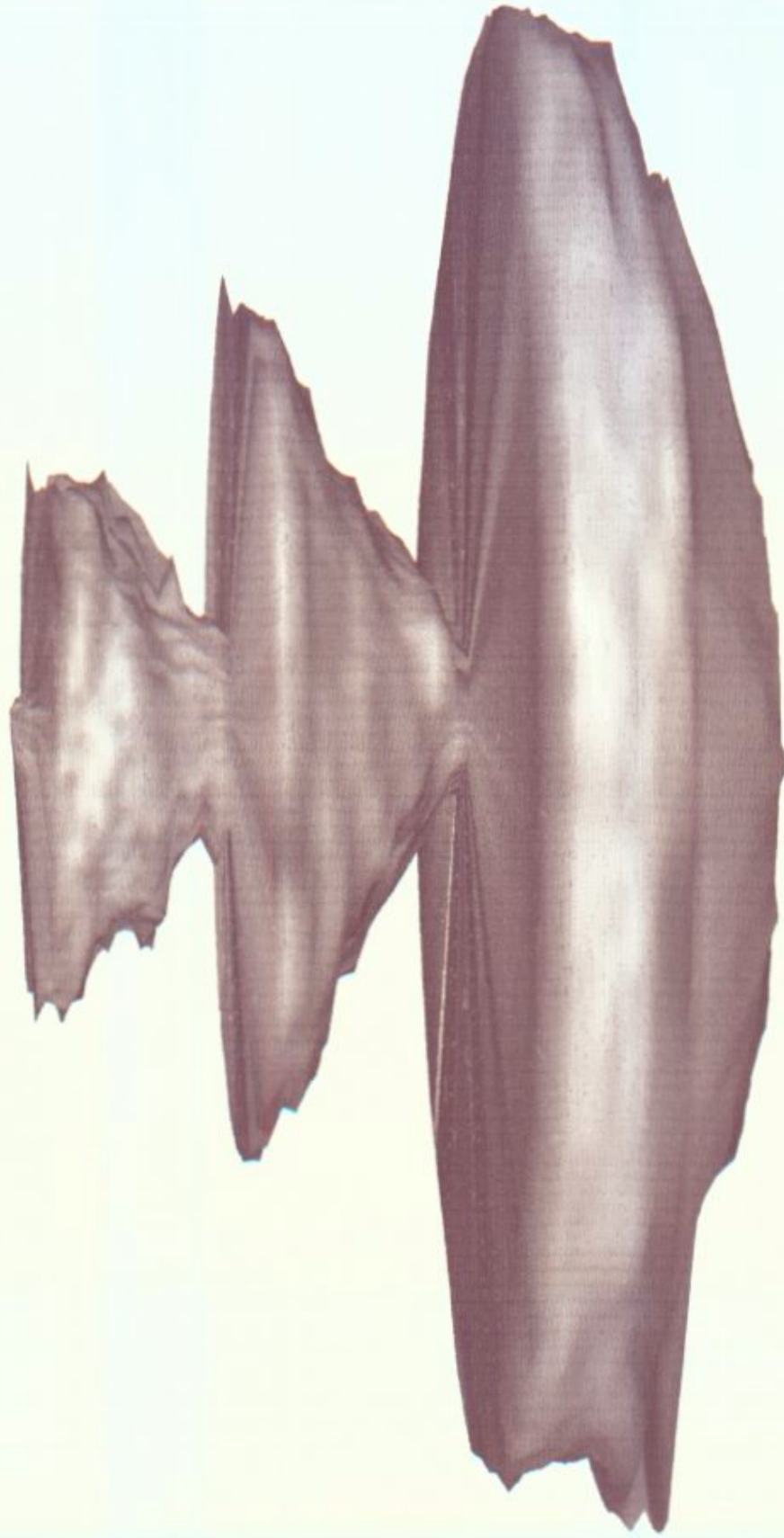
VIEWING AZIMUTH: 45  
AXIS TILT: -5 DEGS.



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

3D SHADE PLOT

VIEWING AZIMUTH: 135  
AXIS TILT: -5 DEGS.

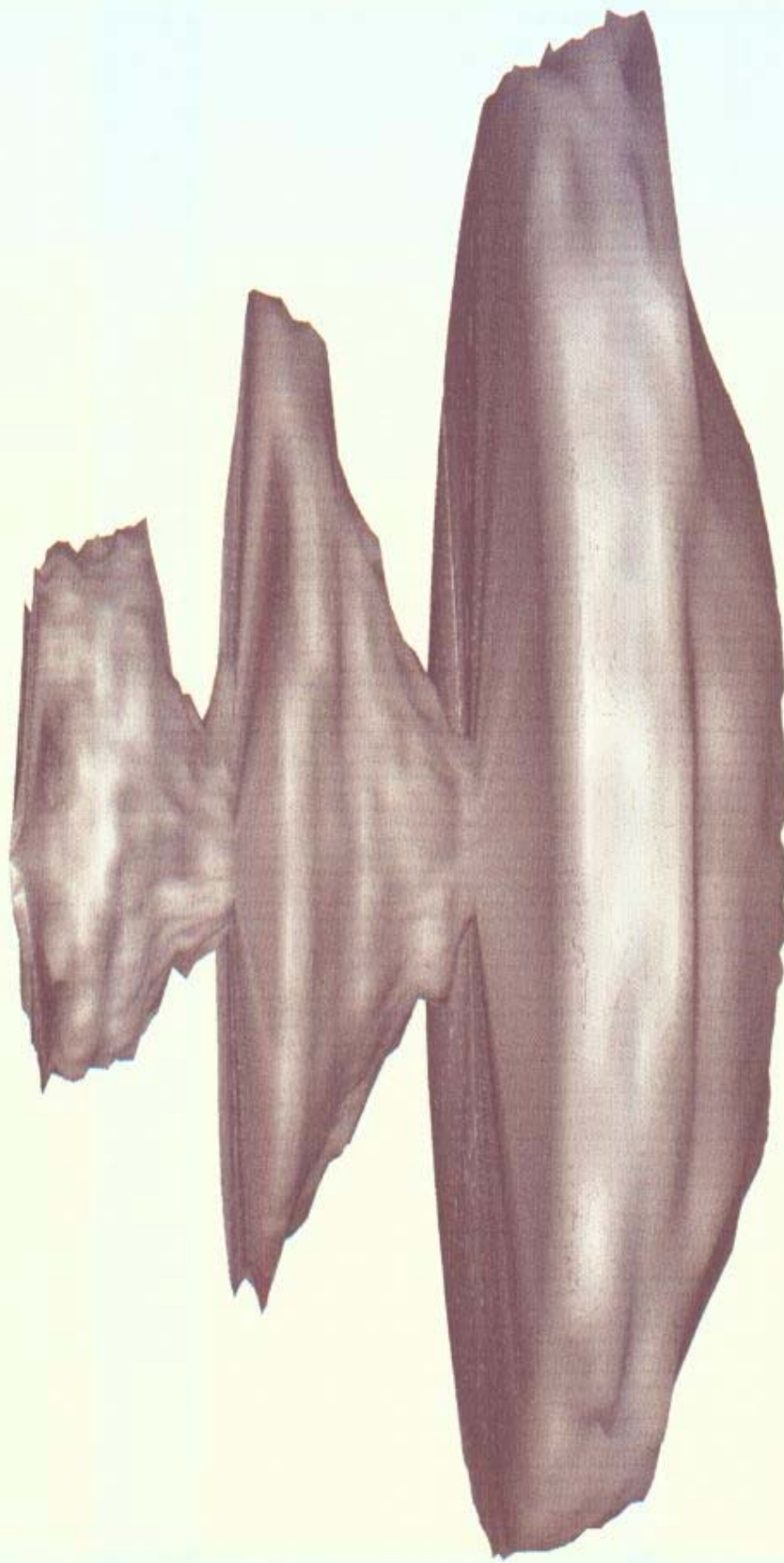




LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

3D SHADE PLOT

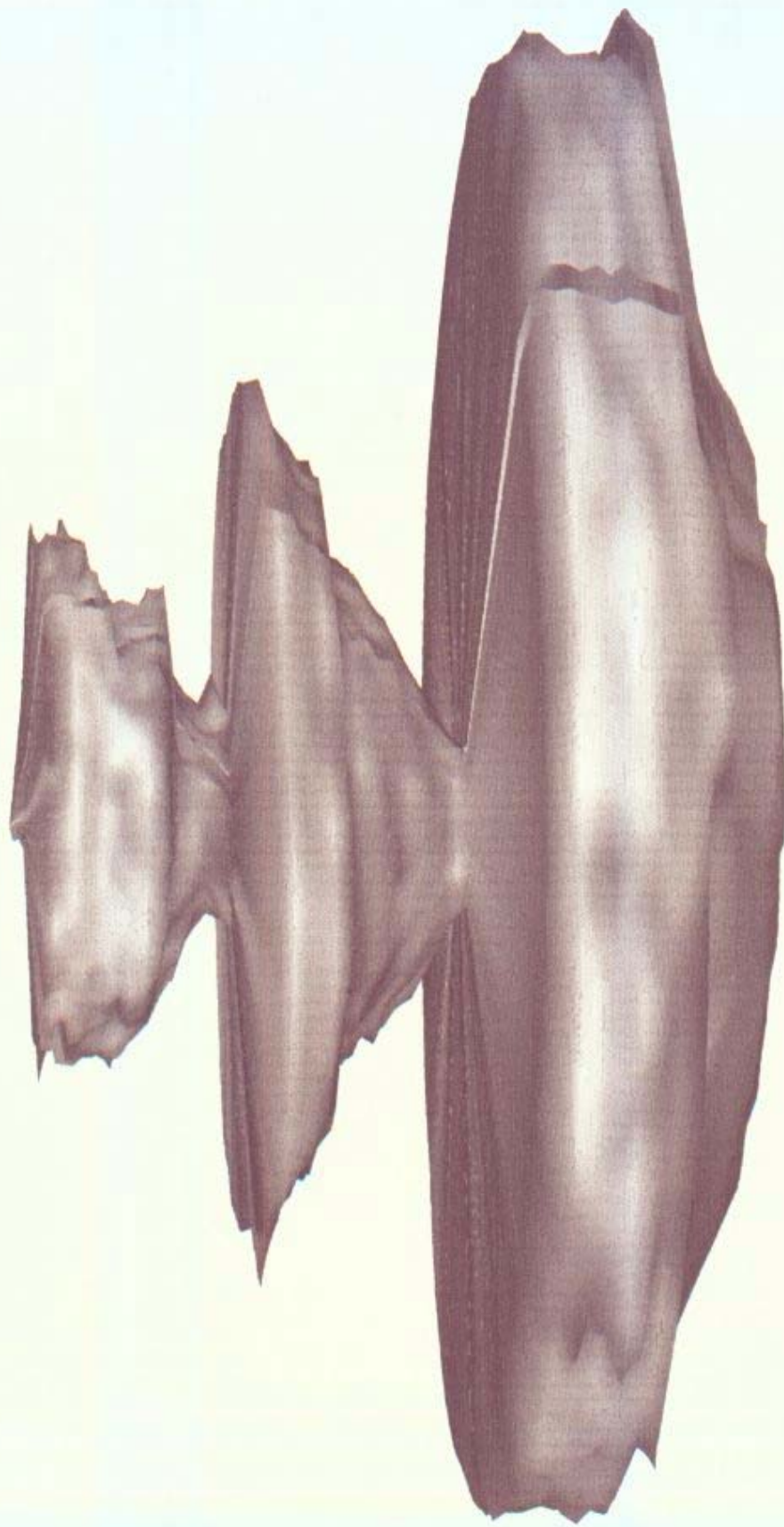
VIEWING AZIMUTH: 225  
AXIS TILT: -5 DEGS.



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

3D SHADE PLOT

VIEWING AZIMUTH: 315  
AXIS TILT: -5 DEGS.



SONARWIRE INC.  
Wall Ranges versus Depth (ft.)

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| DEPTH:  | 505   | TILT: | 0     | RANGE: | 75.0  | VOS:  | 5970  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 22.5    | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 45.0    | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 67.5    | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 90.0    | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 112.5   | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 135.0   | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 157.5   | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 180.0   | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 202.5   | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 225.0   | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 247.5   | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 270.0   | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 292.5   | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 315.0   | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |
| 337.5   | 0.9   | 0.9   | 0.9   | 0.9    | 0.9   | 0.9   | 0.9   | 0.9   |  |

| DEPTH:  | 506   | TILT: | 0     | RANGE: | 75.0  | VOS:  | 5970  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 9.8   | 10.1  | 10.1  | 10.1   | 10.1  | 10.4  | 10.8  | 10.4  |  |
| 22.5    | 10.4  | 10.4  | 10.4  | 10.4   | 10.4  | 10.1  | 10.1  | 10.1  |  |
| 45.0    | 10.4  | 11.1  | 11.1  | 11.1   | 10.8  | 10.8  | 10.4  | 10.4  |  |
| 67.5    | 10.4  | 10.4  | 10.1  | 9.8    | 9.5   | 9.2   | 8.9   | 8.9   |  |
| 90.0    | 9.2   | 9.2   | 9.5   | 9.5    | 9.5   | 9.5   | 9.5   | 9.5   |  |
| 112.5   | 9.8   | 9.8   | 10.1  | 10.4   | 10.8  | 11.1  | 11.4  | 11.7  |  |
| 135.0   | 11.7  | 11.4  | 11.1  | 10.4   | 10.1  | 9.8   | 8.9   | 8.2   |  |
| 157.5   | 7.9   | 7.3   | 7.0   | 5.1    | 4.1   | 3.8   | 3.5   | 3.2   |  |
| 180.0   | 2.8   | 2.5   | 2.2   | 2.2    | 1.9   | 1.9   | 1.9   | 1.9   |  |
| 202.5   | 1.9   | 1.9   | 1.9   | 1.9    | 1.9   | 1.9   | 1.9   | 1.9   |  |
| 225.0   | 1.9   | 1.9   | 1.9   | 1.9    | 1.9   | 1.9   | 1.9   | 1.9   |  |
| 247.5   | 1.9   | 1.9   | 1.9   | 1.9    | 1.9   | 1.9   | 1.9   | 1.9   |  |
| 270.0   | 1.9   | 1.9   | 1.9   | 1.9    | 1.9   | 1.9   | 1.9   | 1.9   |  |
| 292.5   | 1.9   | 2.2   | 2.5   | 2.8    | 2.8   | 2.8   | 3.2   | 3.8   |  |
| 315.0   | 4.1   | 4.1   | 7.9   | 8.2    | 8.5   | 8.9   | 9.2   | 9.5   |  |
| 337.5   | 9.5   | 9.5   | 9.5   | 9.5    | 9.8   | 9.8   | 9.8   | 9.8   |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 508   | TILT: | 0     | RANGE: | 75.0  | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 23.4  | 36.7  | 36.1  | 35.4   | 34.8  | 33.2  | 32.3  | 31.3  |  |
| 22.5    | 29.4  | 27.8  | 27.5  | 27.2   | 26.9  | 26.6  | 26.6  | 26.6  |  |
| 45.0    | 26.6  | 26.9  | 27.8  | 28.5   | 29.1  | 29.7  | 29.7  | 26.6  |  |
| 67.5    | 16.1  | 15.2  | 15.5  | 15.5   | 14.2  | 14.2  | 13.9  | 13.6  |  |
| 90.0    | 13.3  | 13.0  | 12.7  | 12.3   | 12.7  | 13.0  | 13.3  | 13.6  |  |
| 112.5   | 13.9  | 14.2  | 15.2  | 15.5   | 15.8  | 16.5  | 19.3  | 20.9  |  |
| 135.0   | 20.9  | 20.9  | 12.3  | 12.0   | 11.7  | 10.1  | 7.6   | 4.7   |  |
| 157.5   | 4.7   | 4.4   | 4.1   | 3.8    | 3.8   | 3.8   | 3.5   | 3.5   |  |
| 180.0   | 3.8   | 4.1   | 4.4   | 4.4    | 4.4   | 4.4   | 4.4   | 4.4   |  |
| 202.5   | 4.4   | 4.4   | 4.4   | 4.4    | 4.1   | 4.1   | 3.8   | 3.8   |  |
| 225.0   | 3.8   | 3.8   | 4.1   | 4.4    | 4.4   | 4.4   | 4.7   | 5.1   |  |
| 247.5   | 5.4   | 5.4   | 5.4   | 5.4    | 5.7   | 6.0   | 6.3   | 6.6   |  |
| 270.0   | 7.0   | 7.0   | 7.0   | 7.3    | 7.6   | 7.9   | 8.2   | 8.2   |  |
| 292.5   | 7.9   | 7.9   | 7.9   | 7.6    | 7.6   | 7.6   | 7.9   | 7.9   |  |
| 315.0   | 7.9   | 8.2   | 8.5   | 9.2    | 20.3  | 19.9  | 19.3  | 19.0  |  |
| 337.5   | 18.7  | 18.7  | 18.7  | 18.7   | 19.0  | 19.9  | 19.9  | 21.2  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 510   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 65.0  | 63.7  | 63.7  | 64.5   | 66.6  | 66.6  | 65.8  | 65.8  |  |
| 22.5    | 64.5  | 60.7  | 61.2  | 59.5   | 58.2  | 53.6  | 54.0  | 54.4  |  |
| 45.0    | 59.5  | 60.3  | 65.4  | 65.4   | 65.4  | 65.4  | 65.0  | 64.5  |  |
| 67.5    | 64.1  | 63.3  | 61.6  | 58.2   | 57.4  | 13.9  | 13.9  | 13.9  |  |
| 90.0    | 13.9  | 13.9  | 13.9  | 14.3   | 15.2  | 15.2  | 16.0  | 16.5  |  |
| 112.5   | 16.9  | 17.3  | 17.7  | 18.1   | 18.6  | 19.0  | 19.4  | 19.8  |  |
| 135.0   | 20.2  | 21.1  | 21.1  | 21.1   | 21.1  | 21.5  | 22.4  | 22.8  |  |
| 157.5   | 23.6  | 24.0  | 24.0  | 24.5   | 24.9  | 25.3  | 26.6  | 26.6  |  |
| 180.0   | 27.0  | 28.3  | 28.7  | 29.9   | 31.2  | 32.9  | 34.2  | 34.6  |  |
| 202.5   | 35.0  | 35.9  | 38.4  | 40.9   | 42.2  | 44.3  | 45.6  | 46.0  |  |
| 225.0   | 46.4  | 46.4  | 46.8  | 46.8   | 47.2  | 48.9  | 51.9  | 55.7  |  |
| 247.5   | 58.2  | 58.2  | 57.4  | 56.5   | 56.5  | 55.7  | 55.3  | 56.1  |  |
| 270.0   | 56.1  | 56.5  | 57.4  | 59.5   | 60.7  | 60.3  | 61.2  | 60.3  |  |
| 292.5   | 59.1  | 58.2  | 59.9  | 61.6   | 61.6  | 61.2  | 60.3  | 54.0  |  |
| 315.0   | 53.1  | 53.1  | 50.2  | 51.0   | 52.3  | 53.6  | 54.0  | 55.3  |  |
| 337.5   | 57.4  | 59.1  | 60.3  | 62.0   | 65.8  | 65.8  | 65.4  | 65.0  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 512   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 67.9  | 67.5  | 67.1  | 65.4   | 65.4  | 66.6  | 66.6  | 66.2  |  |
| 22.5    | 65.4  | 65.8  | 64.5  | 62.4   | 60.7  | 57.4  | 57.4  | 55.7  |  |
| 45.0    | 54.0  | 53.1  | 54.0  | 55.3   | 61.6  | 62.0  | 61.6  | 61.2  |  |
| 67.5    | 62.0  | 64.5  | 64.5  | 64.1   | 62.9  | 63.3  | 62.4  | 58.2  |  |
| 90.0    | 55.7  | 53.6  | 52.3  | 50.6   | 46.0  | 46.0  | 46.0  | 46.4  |  |
| 112.5   | 46.0  | 45.6  | 45.1  | 45.6   | 45.1  | 46.8  | 48.1  | 48.1  |  |
| 135.0   | 48.5  | 48.5  | 48.1  | 48.1   | 48.1  | 48.5  | 48.5  | 46.4  |  |
| 157.5   | 46.4  | 46.0  | 46.8  | 47.2   | 47.2  | 47.2  | 48.5  | 48.9  |  |
| 180.0   | 49.4  | 49.4  | 49.8  | 50.6   | 50.2  | 51.0  | 51.5  | 50.6  |  |
| 202.5   | 50.2  | 49.4  | 48.5  | 48.1   | 47.7  | 47.7  | 48.1  | 47.2  |  |
| 225.0   | 47.2  | 44.3  | 44.3  | 45.1   | 43.4  | 42.6  | 42.2  | 44.7  |  |
| 247.5   | 43.9  | 51.0  | 50.6  | 51.5   | 56.9  | 56.9  | 56.1  | 56.5  |  |
| 270.0   | 56.5  | 56.5  | 56.1  | 56.1   | 57.8  | 57.8  | 58.6  | 58.6  |  |
| 292.5   | 59.1  | 59.1  | 58.6  | 58.2   | 58.2  | 57.8  | 60.3  | 60.3  |  |
| 315.0   | 60.7  | 60.7  | 56.5  | 53.6   | 52.7  | 47.7  | 46.8  | 47.7  |  |
| 337.5   | 48.9  | 50.6  | 53.6  | 55.7   | 56.5  | 59.1  | 67.1  | 67.9  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 514   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 68.3  | 68.8  | 68.3  | 67.5   | 65.8  | 65.4  | 65.4  | 65.0  |  |
| 22.5    | 64.5  | 64.1  | 63.3  | 63.7   | 62.0  | 60.3  | 56.5  | 55.3  |  |
| 45.0    | 54.4  | 54.4  | 52.3  | 52.3   | 52.7  | 63.3  | 61.6  | 61.6  |  |
| 67.5    | 63.3  | 63.3  | 62.9  | 59.5   | 59.1  | 58.2  | 57.4  | 53.6  |  |
| 90.0    | 52.3  | 51.9  | 48.9  | 48.5   | 47.7  | 47.2  | 46.4  | 46.0  |  |
| 112.5   | 46.0  | 46.4  | 45.1  | 44.7   | 43.9  | 44.7  | 44.7  | 43.9  |  |
| 135.0   | 43.9  | 43.4  | 43.4  | 43.4   | 43.4  | 43.9  | 43.9  | 44.3  |  |
| 157.5   | 42.6  | 41.8  | 40.9  | 40.5   | 40.1  | 39.7  | 39.2  | 37.1  |  |
| 180.0   | 37.1  | 37.5  | 38.8  | 39.7   | 41.8  | 42.2  | 51.5  | 50.6  |  |
| 202.5   | 50.6  | 50.6  | 50.6  | 44.3   | 44.7  | 45.1  | 45.1  | 45.6  |  |
| 225.0   | 47.2  | 46.8  | 47.2  | 47.7   | 49.4  | 51.9  | 42.6  | 42.2  |  |
| 247.5   | 41.8  | 41.8  | 42.2  | 44.7   | 46.0  | 48.1  | 50.2  | 55.3  |  |
| 270.0   | 56.1  | 55.7  | 55.7  | 55.7   | 56.1  | 56.5  | 57.4  | 58.2  |  |
| 292.5   | 59.1  | 60.3  | 61.2  | 61.6   | 61.6  | 62.0  | 62.9  | 63.3  |  |
| 315.0   | 63.7  | 64.5  | 65.0  | 65.4   | 65.8  | 66.2  | 67.9  | 67.9  |  |
| 337.5   | 68.3  | 68.3  | 68.8  | 68.3   | 68.3  | 67.9  | 68.3  | 68.3  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 516   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 67.9  | 67.5  | 67.5  | 63.7   | 62.4  | 61.6  | 62.4  | 62.4  |  |
| 22.5    | 63.7  | 63.3  | 63.3  | 62.4   | 62.9  | 65.0  | 65.4  | 65.4  |  |
| 45.0    | 65.4  | 65.4  | 65.4  | 64.1   | 64.1  | 64.1  | 63.7  | 62.9  |  |
| 67.5    | 61.6  | 61.2  | 59.1  | 58.2   | 56.5  | 56.1  | 54.4  | 52.3  |  |
| 90.0    | 51.9  | 48.5  | 48.1  | 46.4   | 44.7  | 44.7  | 43.9  | 43.9  |  |
| 112.5   | 42.6  | 42.2  | 43.4  | 44.7   | 44.7  | 45.1  | 45.1  | 44.3  |  |
| 135.0   | 45.1  | 45.1  | 45.1  | 45.1   | 46.0  | 46.0  | 47.2  | 47.7  |  |
| 157.5   | 48.1  | 48.1  | 48.1  | 48.1   | 48.1  | 47.7  | 47.7  | 48.5  |  |
| 180.0   | 48.5  | 48.1  | 48.1  | 47.7   | 48.5  | 48.5  | 46.0  | 46.4  |  |
| 202.5   | 47.7  | 47.7  | 47.7  | 47.7   | 47.2  | 46.8  | 46.0  | 47.2  |  |
| 225.0   | 49.8  | 50.2  | 50.2  | 51.0   | 51.0  | 52.3  | 51.9  | 52.7  |  |
| 247.5   | 53.6  | 54.0  | 54.8  | 55.3   | 56.1  | 56.9  | 55.7  | 55.7  |  |
| 270.0   | 55.7  | 56.5  | 57.4  | 57.8   | 58.6  | 58.2  | 58.2  | 59.9  |  |
| 292.5   | 60.7  | 60.7  | 60.7  | 61.6   | 62.4  | 63.3  | 63.7  | 64.1  |  |
| 315.0   | 64.5  | 65.0  | 65.8  | 66.2   | 67.9  | 68.3  | 68.3  | 68.8  |  |
| 337.5   | 69.2  | 69.2  | 68.8  | 69.2   | 68.3  | 68.3  | 67.9  | 67.9  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 518   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 66.2  | 65.8  | 66.2  | 62.4   | 61.6  | 62.0  | 63.7  | 64.1  |  |
| 22.5    | 64.5  | 62.9  | 62.0  | 61.6   | 60.7  | 60.7  | 61.2  | 61.6  |  |
| 45.0    | 59.9  | 60.3  | 60.7  | 61.2   | 61.6  | 62.0  | 62.4  | 62.9  |  |
| 67.5    | 61.6  | 58.6  | 56.9  | 54.8   | 53.6  | 51.9  | 51.5  | 50.2  |  |
| 90.0    | 48.5  | 48.1  | 48.1  | 46.0   | 45.1  | 45.1  | 45.6  | 44.7  |  |
| 112.5   | 44.3  | 44.3  | 43.9  | 43.4   | 43.0  | 42.6  | 43.0  | 42.6  |  |
| 135.0   | 42.2  | 43.0  | 45.6  | 46.0   | 46.8  | 47.2  | 47.7  | 47.7  |  |
| 157.5   | 46.8  | 46.8  | 47.2  | 48.5   | 48.5  | 48.1  | 48.1  | 48.9  |  |
| 180.0   | 48.1  | 47.7  | 46.0  | 46.0   | 46.0  | 46.0  | 49.8  | 47.7  |  |
| 202.5   | 49.4  | 48.1  | 48.5  | 48.1   | 48.1  | 48.1  | 47.7  | 48.1  |  |
| 225.0   | 48.9  | 48.9  | 50.2  | 51.0   | 51.5  | 52.3  | 51.9  | 51.9  |  |
| 247.5   | 52.7  | 54.0  | 53.6  | 54.4   | 54.4  | 56.1  | 56.1  | 56.1  |  |
| 270.0   | 56.1  | 56.5  | 57.8  | 57.8   | 58.2  | 58.6  | 58.6  | 59.5  |  |
| 292.5   | 59.9  | 60.3  | 61.2  | 61.6   | 62.0  | 62.4  | 62.9  | 63.3  |  |
| 315.0   | 64.1  | 65.8  | 66.2  | 67.1   | 67.1  | 67.1  | 67.9  | 67.9  |  |
| 337.5   | 68.3  | 68.8  | 68.8  | 68.8   | 67.9  | 67.5  | 67.9  | 67.5  |  |

| DEPTH:  | 520   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 67.1  | 66.6  | 67.1  | 67.1   | 66.6  | 65.8  | 65.8  | 65.4  |  |
| 22.5    | 64.5  | 63.3  | 62.4  | 62.0   | 61.6  | 60.7  | 60.7  | 60.7  |  |
| 45.0    | 60.3  | 60.3  | 59.9  | 60.7   | 60.7  | 59.9  | 59.5  | 58.2  |  |
| 67.5    | 57.4  | 56.5  | 56.1  | 54.4   | 54.0  | 53.1  | 52.7  | 52.3  |  |
| 90.0    | 51.9  | 51.0  | 49.8  | 48.1   | 47.2  | 44.3  | 44.7  | 44.3  |  |
| 112.5   | 44.3  | 44.3  | 44.3  | 44.3   | 44.7  | 43.9  | 42.6  | 42.6  |  |
| 135.0   | 43.0  | 43.4  | 43.9  | 44.3   | 45.6  | 46.4  | 46.8  | 47.2  |  |
| 157.5   | 47.7  | 47.2  | 46.8  | 46.8   | 46.4  | 46.4  | 46.4  | 46.4  |  |
| 180.0   | 46.4  | 47.2  | 47.2  | 47.7   | 48.1  | 48.5  | 49.8  | 49.8  |  |
| 202.5   | 48.9  | 48.5  | 48.1  | 47.2   | 47.2  | 47.2  | 48.1  | 47.7  |  |
| 225.0   | 47.2  | 48.1  | 48.1  | 48.5   | 49.8  | 50.6  | 51.0  | 51.5  |  |
| 247.5   | 51.5  | 51.0  | 51.0  | 50.6   | 52.7  | 52.3  | 51.9  | 53.6  |  |
| 270.0   | 54.0  | 55.7  | 55.7  | 56.1   | 56.5  | 57.8  | 58.6  | 58.2  |  |
| 292.5   | 58.6  | 58.6  | 59.5  | 59.9   | 59.9  | 60.3  | 60.7  | 60.7  |  |
| 315.0   | 62.0  | 62.4  | 63.3  | 64.5   | 65.0  | 65.8  | 66.6  | 66.6  |  |
| 337.5   | 66.6  | 67.5  | 68.3  | 68.8   | 68.8  | 68.3  | 67.9  | 67.9  |  |

| DEPTH:  | 522   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 67.1  | 66.2  | 66.2  | 65.8   | 56.1  | 55.7  | 55.3  | 54.8  |  |
| 22.5    | 54.8  | 54.4  | 53.6  | 53.1   | 53.6  | 54.0  | 55.7  | 55.3  |  |
| 45.0    | 49.8  | 49.8  | 49.8  | 50.2   | 50.2  | 50.6  | 51.0  | 51.9  |  |
| 67.5    | 51.9  | 51.0  | 50.6  | 51.0   | 50.6  | 50.6  | 48.1  | 47.7  |  |
| 90.0    | 45.1  | 45.6  | 45.1  | 45.1   | 45.6  | 44.7  | 44.3  | 44.3  |  |
| 112.5   | 43.9  | 44.7  | 44.7  | 44.3   | 43.9  | 43.9  | 43.4  | 43.0  |  |
| 135.0   | 42.2  | 42.2  | 41.3  | 41.8   | 42.2  | 41.8  | 43.4  | 43.9  |  |
| 157.5   | 43.9  | 43.9  | 44.7  | 45.1   | 45.6  | 46.0  | 46.4  | 46.8  |  |
| 180.0   | 47.2  | 47.2  | 47.2  | 47.7   | 48.9  | 48.5  | 48.5  | 46.0  |  |
| 202.5   | 45.6  | 46.0  | 45.6  | 45.1   | 46.4  | 47.2  | 47.2  | 47.7  |  |
| 225.0   | 47.7  | 48.1  | 48.5  | 48.5   | 48.9  | 50.6  | 50.6  | 50.6  |  |
| 247.5   | 50.6  | 50.6  | 51.0  | 50.6   | 51.0  | 51.9  | 52.3  | 52.7  |  |
| 270.0   | 54.0  | 56.1  | 57.8  | 59.1   | 59.5  | 59.9  | 59.9  | 59.5  |  |
| 292.5   | 59.5  | 59.5  | 59.1  | 59.5   | 59.9  | 60.3  | 62.0  | 62.4  |  |
| 315.0   | 62.9  | 63.7  | 64.5  | 67.5   | 67.5  | 68.3  | 68.3  | 68.3  |  |
| 337.5   | 67.9  | 67.1  | 66.2  | 66.6   | 67.5  | 67.9  | 67.9  | 67.1  |  |

| DEPTH:  | 524   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 61.2  | 60.7  | 58.6  | 55.3   | 53.6  | 53.6  | 52.7  | 51.9  |  |
| 22.5    | 51.9  | 51.0  | 49.8  | 50.6   | 52.3  | 51.9  | 51.5  | 50.2  |  |
| 45.0    | 48.9  | 48.5  | 48.1  | 48.1   | 48.5  | 48.1  | 48.5  | 48.9  |  |
| 67.5    | 49.4  | 51.5  | 50.6  | 50.2   | 47.2  | 47.2  | 43.4  | 44.3  |  |
| 90.0    | 44.3  | 43.4  | 44.7  | 44.3   | 44.7  | 44.7  | 44.7  | 44.7  |  |
| 112.5   | 44.7  | 44.3  | 43.9  | 43.9   | 44.3  | 43.9  | 43.4  | 41.8  |  |
| 135.0   | 41.3  | 41.8  | 40.9  | 40.9   | 40.9  | 40.9  | 40.9  | 40.9  |  |
| 157.5   | 41.3  | 41.3  | 40.5  | 39.2   | 39.2  | 38.8  | 38.4  | 38.4  |  |
| 180.0   | 38.4  | 38.4  | 38.8  | 38.8   | 39.2  | 39.7  | 40.5  | 40.9  |  |
| 202.5   | 41.3  | 41.8  | 43.0  | 44.7   | 46.8  | 46.8  | 47.7  | 48.1  |  |
| 225.0   | 48.5  | 48.9  | 49.4  | 49.8   | 49.8  | 49.8  | 50.2  | 51.0  |  |
| 247.5   | 50.6  | 49.8  | 49.4  | 49.4   | 50.6  | 51.5  | 52.3  | 53.6  |  |
| 270.0   | 56.5  | 57.4  | 58.6  | 59.5   | 59.9  | 60.7  | 60.7  | 60.7  |  |
| 292.5   | 60.7  | 60.7  | 60.7  | 60.3   | 60.3  | 61.6  | 61.6  | 61.6  |  |
| 315.0   | 62.9  | 65.4  | 68.3  | 67.5   | 68.3  | 69.2  | 68.8  | 68.8  |  |
| 337.5   | 68.3  | 64.5  | 64.1  | 64.5   | 68.8  | 68.8  | 67.9  | 67.9  |  |

| DEPTH:  | 526   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 54.8  | 54.4  | 54.0  | 54.0   | 54.4  | 54.4  | 53.1  | 51.9  |  |
| 22.5    | 51.0  | 51.0  | 49.4  | 49.4   | 49.4  | 49.4  | 49.4  | 49.4  |  |
| 45.0    | 49.4  | 50.6  | 50.2  | 47.7   | 46.8  | 46.0  | 46.0  | 45.6  |  |
| 67.5    | 45.6  | 45.1  | 45.1  | 46.8   | 46.4  | 45.6  | 45.1  | 43.9  |  |
| 90.0    | 43.9  | 42.6  | 42.6  | 41.3   | 41.3  | 41.3  | 42.2  | 41.3  |  |
| 112.5   | 41.8  | 42.2  | 43.0  | 44.3   | 43.9  | 43.0  | 43.9  | 43.4  |  |
| 135.0   | 41.3  | 40.5  | 40.1  | 40.5   | 41.3  | 41.8  | 41.8  | 40.9  |  |
| 157.5   | 40.1  | 40.1  | 39.2  | 38.8   | 38.4  | 38.8  | 38.8  | 38.8  |  |
| 180.0   | 38.0  | 37.1  | 36.7  | 35.9   | 35.0  | 35.4  | 35.4  | 35.0  |  |
| 202.5   | 35.4  | 35.9  | 35.9  | 35.9   | 38.4  | 39.7  | 39.7  | 40.1  |  |
| 225.0   | 48.5  | 49.8  | 50.6  | 51.0   | 52.7  | 52.7  | 51.9  | 51.5  |  |
| 247.5   | 51.0  | 50.6  | 49.4  | 48.9   | 48.5  | 49.4  | 49.8  | 51.5  |  |
| 270.0   | 52.7  | 54.4  | 56.5  | 59.1   | 59.5  | 59.5  | 59.9  | 60.3  |  |
| 292.5   | 60.7  | 61.2  | 61.6  | 62.4   | 64.1  | 63.7  | 64.1  | 64.1  |  |
| 315.0   | 64.1  | 64.5  | 64.5  | 66.6   | 68.8  | 69.6  | 69.6  | 69.2  |  |
| 337.5   | 66.2  | 65.0  | 63.7  | 62.0   | 60.7  | 59.9  | 57.4  | 55.3  |  |

| DEPTH:  | 528   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 55.3  | 55.3  | 54.8  | 53.1   | 52.7  | 53.6  | 54.0  | 49.8  |  |
| 22.5    | 48.5  | 46.4  | 46.0  | 45.1   | 44.7  | 44.7  | 45.1  | 45.6  |  |
| 45.0    | 45.6  | 45.6  | 44.7  | 44.3   | 44.3  | 44.3  | 44.7  | 45.1  |  |
| 67.5    | 46.0  | 46.8  | 47.7  | 48.5   | 48.1  | 46.8  | 46.0  | 43.0  |  |
| 90.0    | 42.6  | 42.2  | 41.3  | 40.9   | 39.7  | 40.1  | 40.5  | 40.5  |  |
| 112.5   | 40.9  | 40.9  | 40.9  | 40.5   | 41.8  | 41.8  | 41.3  | 41.3  |  |
| 135.0   | 40.9  | 40.9  | 41.8  | 42.2   | 41.3  | 40.9  | 40.9  | 40.5  |  |
| 157.5   | 39.7  | 39.2  | 39.2  | 39.2   | 38.4  | 38.0  | 37.5  | 35.9  |  |
| 180.0   | 34.6  | 34.6  | 34.6  | 34.6   | 33.7  | 33.7  | 31.6  | 31.6  |  |
| 202.5   | 31.6  | 31.6  | 35.4  | 35.9   | 36.3  | 36.3  | 37.1  | 37.5  |  |
| 225.0   | 38.0  | 39.7  | 41.3  | 41.8   | 42.2  | 42.6  | 51.0  | 50.2  |  |
| 247.5   | 50.2  | 49.8  | 49.4  | 49.4   | 50.2  | 51.5  | 53.6  | 57.8  |  |
| 270.0   | 59.5  | 59.9  | 61.2  | 62.4   | 61.6  | 61.2  | 62.0  | 61.6  |  |
| 292.5   | 61.6  | 61.6  | 62.0  | 63.3   | 63.7  | 65.4  | 67.9  | 68.3  |  |
| 315.0   | 68.8  | 68.8  | 69.2  | 68.8   | 69.2  | 70.0  | 70.0  | 68.8  |  |
| 337.5   | 65.8  | 62.4  | 62.4  | 61.6   | 59.5  | 59.1  | 58.2  | 56.9  |  |

| DEPTH:  | 531   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 55.7  | 55.3  | 55.7  | 55.3   | 54.0  | 54.0  | 52.7  | 50.6  |  |
| 22.5    | 47.7  | 43.0  | 43.4  | 43.4   | 43.9  | 43.9  | 43.9  | 44.3  |  |
| 45.0    | 44.7  | 44.7  | 44.7  | 44.7   | 44.7  | 44.7  | 44.7  | 44.7  |  |
| 67.5    | 44.7  | 45.1  | 45.6  | 44.3   | 43.0  | 42.2  | 41.8  | 39.2  |  |
| 90.0    | 38.0  | 37.5  | 38.0  | 38.4   | 38.8  | 39.7  | 39.7  | 40.5  |  |
| 112.5   | 40.1  | 40.1  | 40.1  | 40.5   | 40.5  | 40.9  | 41.3  | 41.3  |  |
| 135.0   | 41.8  | 41.8  | 41.8  | 41.8   | 40.1  | 38.8  | 38.4  | 38.4  |  |
| 157.5   | 38.4  | 38.0  | 38.0  | 33.7   | 33.7  | 33.7  | 34.2  | 34.2  |  |
| 180.0   | 34.2  | 33.7  | 33.7  | 33.3   | 32.5  | 32.1  | 32.1  | 32.1  |  |
| 202.5   | 32.9  | 32.9  | 32.9  | 33.3   | 33.3  | 33.7  | 34.6  | 34.6  |  |
| 225.0   | 35.0  | 36.7  | 39.7  | 41.3   | 41.8  | 43.9  | 46.0  | 47.7  |  |
| 247.5   | 47.2  | 47.7  | 48.1  | 49.4   | 50.2  | 51.0  | 52.3  | 54.0  |  |
| 270.0   | 56.9  | 58.2  | 59.1  | 60.7   | 61.6  | 61.6  | 61.6  | 62.0  |  |
| 292.5   | 62.4  | 62.4  | 62.9  | 62.4   | 62.9  | 64.1  | 65.0  | 66.2  |  |
| 315.0   | 67.1  | 68.8  | 69.2  | 70.4   | 70.0  | 69.6  | 68.8  | 66.6  |  |
| 337.5   | 64.5  | 61.6  | 60.7  | 61.2   | 60.7  | 56.1  | 56.1  | 56.1  |  |



|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 534   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 56.9  | 56.5  | 55.7  | 54.8   | 54.8  | 55.3  | 50.6  | 52.3  |  |
| 22.5    | 53.1  | 53.1  | 52.7  | 51.5   | 50.6  | 49.4  | 49.4  | 44.3  |  |
| 45.0    | 43.9  | 44.3  | 44.3  | 43.9   | 43.9  | 44.3  | 44.7  | 45.1  |  |
| 67.5    | 44.3  | 43.4  | 43.9  | 46.0   | 48.1  | 48.1  | 48.5  | 48.5  |  |
| 90.0    | 46.0  | 42.6  | 40.9  | 40.5   | 38.4  | 38.4  | 38.0  | 37.5  |  |
| 112.5   | 37.1  | 38.0  | 36.7  | 36.7   | 37.1  | 33.7  | 32.5  | 32.9  |  |
| 135.0   | 32.5  | 32.5  | 32.1  | 32.1   | 32.5  | 31.6  | 28.7  | 28.3  |  |
| 157.5   | 28.3  | 28.3  | 27.4  | 27.0   | 26.2  | 25.7  | 25.3  | 24.9  |  |
| 180.0   | 24.5  | 24.9  | 25.3  | 25.7   | 24.9  | 25.3  | 24.9  | 24.9  |  |
| 202.5   | 24.9  | 24.0  | 23.6  | 23.6   | 24.5  | 28.3  | 27.4  | 28.7  |  |
| 225.0   | 29.1  | 30.4  | 32.1  | 34.2   | 35.9  | 38.0  | 43.9  | 43.9  |  |
| 247.5   | 44.3  | 44.7  | 45.1  | 45.6   | 46.4  | 46.8  | 47.2  | 48.5  |  |
| 270.0   | 50.2  | 53.1  | 53.1  | 54.0   | 57.4  | 58.6  | 60.7  | 61.2  |  |
| 292.5   | 61.6  | 62.0  | 62.4  | 63.3   | 64.1  | 65.8  | 67.5  | 67.5  |  |
| 315.0   | 71.3  | 71.3  | 69.6  | 69.2   | 68.8  | 67.1  | 66.2  | 65.8  |  |
| 337.5   | 65.4  | 65.0  | 63.7  | 63.3   | 60.7  | 58.6  | 58.2  | 57.8  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 537   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 56.1  | 56.1  | 56.1  | 56.1   | 56.1  | 56.1  | 56.1  | 56.1  |  |
| 22.5    | 54.4  | 51.0  | 49.4  | 44.3   | 44.3  | 44.3  | 44.3  | 44.7  |  |
| 45.0    | 45.1  | 45.1  | 44.3  | 44.3   | 45.1  | 45.1  | 45.1  | 46.4  |  |
| 67.5    | 46.4  | 47.2  | 48.1  | 48.9   | 47.7  | 43.9  | 40.9  | 41.3  |  |
| 90.0    | 37.1  | 37.1  | 38.0  | 38.0   | 37.1  | 34.6  | 33.7  | 34.2  |  |
| 112.5   | 32.9  | 32.9  | 32.9  | 32.9   | 31.6  | 29.5  | 29.5  | 30.4  |  |
| 135.0   | 29.9  | 29.5  | 29.1  | 27.0   | 26.6  | 26.2  | 25.7  | 25.3  |  |
| 157.5   | 24.9  | 24.5  | 23.6  | 23.2   | 22.8  | 22.4  | 21.9  | 21.5  |  |
| 180.0   | 21.1  | 20.7  | 20.7  | 21.1   | 21.5  | 21.9  | 21.9  | 21.9  |  |
| 202.5   | 21.9  | 21.5  | 21.5  | 21.5   | 22.4  | 22.8  | 24.0  | 24.5  |  |
| 225.0   | 24.9  | 25.3  | 25.7  | 26.2   | 35.4  | 36.3  | 37.5  | 36.7  |  |
| 247.5   | 34.6  | 35.0  | 35.0  | 36.3   | 37.1  | 38.4  | 37.5  | 37.5  |  |
| 270.0   | 37.1  | 37.1  | 38.0  | 38.8   | 39.2  | 42.6  | 43.0  | 43.9  |  |
| 292.5   | 43.4  | 43.0  | 43.0  | 43.0   | 43.0  | 54.8  | 54.4  | 54.4  |  |
| 315.0   | 52.3  | 50.6  | 49.8  | 49.4   | 48.9  | 48.5  | 49.8  | 54.0  |  |
| 337.5   | 53.1  | 53.6  | 53.6  | 54.0   | 54.4  | 54.8  | 55.7  | 56.1  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 540   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 31.6  | 32.1  | 32.5  | 32.9   | 32.9  | 31.6  | 31.6  | 31.6  |  |
| 22.5    | 31.2  | 30.8  | 30.4  | 30.8   | 31.2  | 31.6  | 32.5  | 32.9  |  |
| 45.0    | 33.3  | 33.3  | 32.9  | 31.6   | 31.6  | 31.6  | 31.2  | 29.5  |  |
| 67.5    | 28.7  | 28.3  | 28.3  | 27.8   | 27.4  | 27.0  | 26.2  | 25.7  |  |
| 90.0    | 25.7  | 25.7  | 26.2  | 26.2   | 25.7  | 25.3  | 24.9  | 24.5  |  |
| 112.5   | 24.0  | 23.6  | 23.2  | 22.8   | 22.4  | 21.5  | 21.1  | 20.7  |  |
| 135.0   | 20.2  | 19.8  | 19.4  | 19.4   | 19.4  | 19.8  | 19.8  | 20.2  |  |
| 157.5   | 20.2  | 19.8  | 19.4  | 19.0   | 18.6  | 19.0  | 19.4  | 19.8  |  |
| 180.0   | 20.2  | 20.7  | 20.2  | 20.7   | 20.7  | 20.7  | 20.7  | 20.7  |  |
| 202.5   | 20.2  | 20.7  | 20.7  | 21.9   | 22.4  | 29.9  | 29.9  | 32.9  |  |
| 225.0   | 33.3  | 32.9  | 32.5  | 32.5   | 32.9  | 32.9  | 32.9  | 31.6  |  |
| 247.5   | 30.4  | 30.8  | 31.2  | 32.5   | 35.4  | 35.9  | 35.9  | 36.7  |  |
| 270.0   | 36.7  | 36.3  | 36.3  | 35.9   | 36.3  | 36.7  | 38.8  | 39.2  |  |
| 292.5   | 39.7  | 35.0  | 35.0  | 35.9   | 35.0  | 34.2  | 34.2  | 34.2  |  |
| 315.0   | 34.6  | 35.0  | 35.0  | 34.6   | 34.2  | 34.6  | 34.2  | 34.2  |  |
| 337.5   | 34.2  | 34.2  | 30.4  | 29.9   | 29.9  | 30.4  | 30.8  | 31.2  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 543   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 27.8  | 27.8  | 27.8  | 27.8   | 27.4  | 27.0  | 27.0  | 27.4  |  |
| 22.5    | 27.4  | 27.8  | 27.8  | 28.3   | 28.3  | 27.8  | 27.8  | 27.8  |  |
| 45.0    | 28.3  | 28.7  | 28.7  | 28.7   | 28.7  | 29.1  | 29.1  | 28.7  |  |
| 67.5    | 28.3  | 28.3  | 28.3  | 27.8   | 27.8  | 28.3  | 28.3  | 28.3  |  |
| 90.0    | 28.3  | 28.3  | 28.3  | 28.7   | 28.3  | 27.8  | 27.4  | 26.6  |  |
| 112.5   | 26.6  | 26.6  | 26.2  | 25.7   | 25.3  | 23.6  | 23.2  | 22.8  |  |
| 135.0   | 22.4  | 21.9  | 21.5  | 21.5   | 21.1  | 20.7  | 20.2  | 19.8  |  |
| 157.5   | 19.8  | 19.8  | 19.8  | 19.8   | 19.4  | 19.0  | 19.0  | 19.0  |  |
| 180.0   | 19.4  | 19.4  | 19.4  | 19.4   | 19.4  | 19.0  | 19.0  | 19.4  |  |
| 202.5   | 19.4  | 19.8  | 19.8  | 20.7   | 20.7  | 21.1  | 21.1  | 21.1  |  |
| 225.0   | 21.5  | 21.5  | 21.5  | 22.4   | 22.4  | 22.8  | 24.5  | 24.5  |  |
| 247.5   | 25.7  | 25.3  | 25.7  | 25.7   | 26.2  | 26.6  | 27.0  | 27.0  |  |
| 270.0   | 27.4  | 27.8  | 28.3  | 28.7   | 29.1  | 29.5  | 29.9  | 30.4  |  |
| 292.5   | 30.8  | 32.1  | 33.3  | 33.3   | 33.7  | 34.2  | 34.6  | 34.2  |  |
| 315.0   | 32.9  | 32.5  | 32.1  | 31.6   | 30.8  | 30.4  | 29.9  | 29.5  |  |
| 337.5   | 29.5  | 29.5  | 29.1  | 28.7   | 28.3  | 27.4  | 27.4  | 27.4  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 546   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 24.0  | 24.0  | 24.0  | 24.0   | 23.6  | 23.6  | 23.6  | 24.0  |  |
| 22.5    | 24.5  | 24.9  | 25.3  | 25.3   | 24.9  | 25.3  | 25.3  | 25.3  |  |
| 45.0    | 25.3  | 26.2  | 26.2  | 25.7   | 24.9  | 24.5  | 24.0  | 23.2  |  |
| 67.5    | 21.9  | 21.9  | 21.5  | 21.5   | 21.9  | 22.4  | 22.8  | 22.8  |  |
| 90.0    | 23.2  | 23.6  | 24.0  | 24.5   | 24.9  | 24.9  | 21.1  | 20.2  |  |
| 112.5   | 19.4  | 19.4  | 20.2  | 19.4   | 18.6  | 17.3  | 17.3  | 18.1  |  |
| 135.0   | 16.9  | 17.3  | 17.3  | 17.3   | 17.3  | 17.3  | 17.7  | 17.7  |  |
| 157.5   | 17.7  | 17.7  | 17.3  | 16.9   | 16.9  | 17.3  | 16.9  | 17.3  |  |
| 180.0   | 17.3  | 16.9  | 16.9  | 16.9   | 16.5  | 16.5  | 16.9  | 16.9  |  |
| 202.5   | 16.9  | 16.9  | 16.9  | 17.3   | 18.6  | 18.6  | 19.4  | 19.4  |  |
| 225.0   | 19.4  | 19.8  | 20.2  | 20.2   | 20.2  | 20.2  | 21.1  | 21.1  |  |
| 247.5   | 21.1  | 21.1  | 21.1  | 21.1   | 21.5  | 21.5  | 21.9  | 21.9  |  |
| 270.0   | 22.8  | 24.0  | 24.0  | 23.6   | 24.0  | 24.5  | 24.5  | 26.6  |  |
| 292.5   | 27.0  | 27.4  | 27.8  | 27.8   | 27.8  | 27.4  | 27.8  | 28.3  |  |
| 315.0   | 28.3  | 28.7  | 27.8  | 27.8   | 27.8  | 28.3  | 27.0  | 27.0  |  |
| 337.5   | 27.0  | 26.6  | 25.7  | 24.9   | 24.0  | 24.0  | 24.0  | 24.0  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 549   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 21.1  | 22.4  | 22.8  | 23.2   | 22.8  | 22.8  | 22.4  | 22.4  |  |
| 22.5    | 22.4  | 23.2  | 25.3  | 27.0   | 29.1  | 29.9  | 31.2  | 32.1  |  |
| 45.0    | 32.1  | 32.5  | 32.5  | 32.9   | 32.5  | 32.1  | 31.6  | 31.2  |  |
| 67.5    | 29.9  | 29.5  | 29.1  | 28.7   | 26.6  | 26.2  | 25.7  | 25.3  |  |
| 90.0    | 24.9  | 24.5  | 24.5  | 23.6   | 22.8  | 22.4  | 21.5  | 21.1  |  |
| 112.5   | 20.2  | 19.8  | 19.4  | 19.4   | 15.6  | 15.2  | 15.2  | 15.2  |  |
| 135.0   | 14.8  | 14.3  | 14.3  | 13.9   | 14.8  | 15.6  | 16.0  | 15.6  |  |
| 157.5   | 15.6  | 15.6  | 15.2  | 15.6   | 15.6  | 16.0  | 16.0  | 16.0  |  |
| 180.0   | 16.0  | 16.5  | 16.5  | 16.5   | 16.9  | 16.9  | 16.5  | 16.5  |  |
| 202.5   | 16.9  | 17.3  | 17.7  | 18.1   | 18.6  | 18.6  | 18.1  | 18.1  |  |
| 225.0   | 17.7  | 17.7  | 17.3  | 16.9   | 16.5  | 16.0  | 15.6  | 16.5  |  |
| 247.5   | 16.9  | 18.1  | 19.8  | 23.2   | 24.0  | 24.5  | 24.9  | 26.2  |  |
| 270.0   | 28.3  | 28.7  | 29.9  | 31.6   | 37.1  | 38.8  | 44.7  | 45.1  |  |
| 292.5   | 45.6  | 45.6  | 45.1  | 44.3   | 43.0  | 40.5  | 38.0  | 37.1  |  |
| 315.0   | 36.7  | 35.4  | 34.2  | 34.6   | 33.7  | 27.8  | 26.6  | 24.9  |  |
| 337.5   | 21.1  | 20.7  | 20.7  | 19.8   | 19.8  | 20.2  | 20.2  | 20.2  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 552   | TILT: | 0     | RANGE: | 100.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 15.6  | 15.6  | 16.5  | 17.3   | 18.6  | 19.0  | 24.0  | 24.0  |  |
| 22.5    | 24.0  | 24.5  | 24.5  | 24.9   | 24.5  | 24.0  | 23.6  | 23.2  |  |
| 45.0    | 22.8  | 22.8  | 23.6  | 24.0   | 25.3  | 26.2  | 27.0  | 27.0  |  |
| 67.5    | 27.8  | 27.4  | 27.4  | 27.4   | 27.0  | 27.0  | 25.3  | 24.9  |  |
| 90.0    | 24.9  | 24.0  | 23.6  | 22.8   | 21.9  | 17.3  | 17.3  | 16.9  |  |
| 112.5   | 16.9  | 16.5  | 16.0  | 14.3   | 13.9  | 13.1  | 11.0  | 11.0  |  |
| 135.0   | 11.4  | 11.8  | 12.7  | 12.7   | 12.7  | 12.7  | 13.1  | 13.1  |  |
| 157.5   | 13.1  | 13.1  | 13.1  | 13.1   | 13.1  | 12.7  | 12.2  | 12.7  |  |
| 180.0   | 13.1  | 13.5  | 13.9  | 14.3   | 14.8  | 15.2  | 15.6  | 15.6  |  |
| 202.5   | 16.5  | 16.9  | 16.5  | 16.0   | 15.6  | 15.6  | 15.2  | 15.2  |  |
| 225.0   | 14.8  | 14.3  | 14.3  | 14.3   | 14.3  | 14.3  | 14.3  | 13.9  |  |
| 247.5   | 13.9  | 13.5  | 13.5  | 13.9   | 14.3  | 15.6  | 20.7  | 20.7  |  |
| 270.0   | 21.1  | 21.5  | 22.8  | 24.5   | 35.0  | 36.3  | 42.2  | 43.9  |  |
| 292.5   | 43.9  | 39.7  | 29.1  | 29.5   | 29.5  | 29.1  | 26.2  | 26.2  |  |
| 315.0   | 25.7  | 24.9  | 24.9  | 23.2   | 21.9  | 21.1  | 16.0  | 15.6  |  |
| 337.5   | 14.8  | 14.3  | 14.8  | 14.3   | 14.3  | 14.3  | 14.8  | 15.2  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 555   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 97.5  | 96.2  | 94.9  | 94.3   | 94.3  | 94.3  | 94.9  | 94.9  |  |
| 22.5    | 94.9  | 94.9  | 94.9  | 94.9   | 94.9  | 94.9  | 94.3  | 94.3  |  |
| 45.0    | 94.9  | 94.9  | 94.3  | 94.3   | 94.9  | 94.9  | 94.3  | 94.3  |  |
| 67.5    | 94.3  | 94.3  | 96.8  | 98.7   | 100.0 | 102.5 | 102.5 | 103.1 |  |
| 90.0    | 103.1 | 103.1 | 102.5 | 102.5  | 101.9 | 101.3 | 101.3 | 100.6 |  |
| 112.5   | 99.4  | 98.7  | 95.6  | 92.4   | 89.2  | 86.7  | 86.1  | 85.4  |  |
| 135.0   | 84.8  | 84.2  | 83.5  | 81.6   | 81.6  | 81.6  | 81.0  | 81.0  |  |
| 157.5   | 81.0  | 81.0  | 81.6  | 82.3   | 82.3  | 83.5  | 84.8  | 85.4  |  |
| 180.0   | 86.7  | 86.7  | 88.0  | 87.3   | 87.3  | 85.4  | 84.8  | 85.4  |  |
| 202.5   | 86.7  | 87.3  | 86.7  | 86.1   | 86.1  | 86.1  | 86.7  | 86.7  |  |
| 225.0   | 86.7  | 86.7  | 86.7  | 86.7   | 87.3  | 87.3  | 88.0  | 89.2  |  |
| 247.5   | 95.6  | 99.4  | 106.9 | 111.4  | 112.0 | 113.3 | 113.3 | 113.9 |  |
| 270.0   | 113.9 | 113.9 | 114.5 | 117.1  | 117.7 | 118.3 | 119.0 | 119.6 |  |
| 292.5   | 120.2 | 120.9 | 120.2 | 120.2  | 119.6 | 118.3 | 117.7 | 115.2 |  |
| 315.0   | 112.0 | 107.6 | 104.4 | 101.3  | 98.7  | 96.8  | 96.2  | 95.6  |  |
| 337.5   | 95.6  | 95.6  | 95.6  | 95.6   | 96.2  | 96.8  | 97.5  | 97.5  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 558   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 96.2  | 96.2  | 94.9  | 94.9   | 95.6  | 95.6  | 95.6  | 96.2  |  |
| 22.5    | 96.2  | 96.2  | 96.2  | 95.6   | 96.2  | 95.6  | 94.3  | 93.7  |  |
| 45.0    | 93.0  | 94.3  | 94.9  | 93.7   | 93.0  | 93.7  | 94.9  | 95.6  |  |
| 67.5    | 96.2  | 96.8  | 97.5  | 96.8   | 97.5  | 98.1  | 100.0 | 100.6 |  |
| 90.0    | 100.6 | 101.3 | 101.9 | 100.6  | 100.6 | 100.0 | 99.4  | 98.7  |  |
| 112.5   | 94.3  | 89.9  | 89.2  | 88.6   | 87.3  | 86.1  | 85.4  | 84.8  |  |
| 135.0   | 82.3  | 82.3  | 81.0  | 81.0   | 80.4  | 80.4  | 81.0  | 81.6  |  |
| 157.5   | 81.6  | 81.6  | 81.6  | 84.2   | 84.2  | 84.8  | 84.2  | 84.2  |  |
| 180.0   | 84.2  | 84.8  | 84.8  | 84.8   | 84.2  | 84.2  | 83.5  | 83.5  |  |
| 202.5   | 83.5  | 84.2  | 84.2  | 83.5   | 83.5  | 83.5  | 83.5  | 84.2  |  |
| 225.0   | 84.8  | 85.4  | 85.4  | 85.4   | 84.8  | 84.8  | 85.4  | 86.1  |  |
| 247.5   | 86.7  | 89.9  | 90.5  | 94.3   | 98.1  | 102.5 | 105.7 | 106.3 |  |
| 270.0   | 110.7 | 113.3 | 115.2 | 116.4  | 117.1 | 117.7 | 117.7 | 118.3 |  |
| 292.5   | 119.0 | 119.0 | 119.0 | 118.3  | 118.3 | 117.7 | 116.4 | 114.5 |  |
| 315.0   | 111.4 | 108.2 | 105.0 | 100.6  | 97.5  | 97.5  | 94.9  | 94.9  |  |
| 337.5   | 94.3  | 94.9  | 95.6  | 96.2   | 96.2  | 96.8  | 96.2  | 96.2  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 561   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 94.3  | 93.0  | 91.8  | 91.1   | 90.5  | 89.9  | 89.2  | 86.7  |  |
| 22.5    | 86.7  | 86.7  | 86.1  | 86.7   | 86.7  | 86.1  | 85.4  | 84.8  |  |
| 45.0    | 84.8  | 84.8  | 84.8  | 85.4   | 86.1  | 86.1  | 86.7  | 88.0  |  |
| 67.5    | 88.6  | 89.2  | 89.9  | 90.5   | 91.1  | 92.4  | 93.0  | 93.7  |  |
| 90.0    | 93.7  | 96.2  | 98.1  | 101.9  | 102.5 | 102.5 | 102.5 | 102.5 |  |
| 112.5   | 102.5 | 102.5 | 99.4  | 97.5   | 94.3  | 91.8  | 89.2  | 88.6  |  |
| 135.0   | 84.8  | 84.2  | 83.5  | 82.9   | 82.3  | 81.6  | 81.6  | 81.6  |  |
| 157.5   | 81.6  | 81.6  | 81.0  | 81.0   | 82.3  | 82.9  | 82.3  | 82.9  |  |
| 180.0   | 83.5  | 84.2  | 84.8  | 84.8   | 84.2  | 83.5  | 83.5  | 83.5  |  |
| 202.5   | 83.5  | 83.5  | 84.2  | 84.2   | 84.2  | 83.5  | 82.9  | 82.9  |  |
| 225.0   | 82.3  | 82.9  | 83.5  | 85.4   | 85.4  | 84.8  | 84.8  | 84.8  |  |
| 247.5   | 84.8  | 85.4  | 85.4  | 87.3   | 88.0  | 90.5  | 93.0  | 97.5  |  |
| 270.0   | 102.5 | 107.6 | 112.0 | 113.9  | 113.9 | 114.5 | 115.2 | 116.4 |  |
| 292.5   | 117.1 | 117.7 | 117.7 | 117.7  | 117.7 | 117.1 | 115.2 | 113.3 |  |
| 315.0   | 109.5 | 105.7 | 102.5 | 101.9  | 101.3 | 100.0 | 99.4  | 98.7  |  |
| 337.5   | 98.7  | 98.1  | 98.1  | 98.1   | 97.5  | 96.8  | 95.6  | 94.9  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 564   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 86.7  | 85.4  | 85.4  | 84.2   | 84.2  | 83.5  | 82.3  | 82.9  |  |
| 22.5    | 83.5  | 82.9  | 82.9  | 83.5   | 82.3  | 81.0  | 79.1  | 78.5  |  |
| 45.0    | 78.5  | 79.1  | 79.1  | 79.7   | 79.7  | 80.4  | 82.3  | 84.2  |  |
| 67.5    | 89.9  | 89.2  | 89.9  | 90.5   | 91.1  | 93.0  | 93.7  | 94.3  |  |
| 90.0    | 94.9  | 95.6  | 95.6  | 94.9   | 94.9  | 94.9  | 94.3  | 93.0  |  |
| 112.5   | 90.5  | 86.7  | 84.8  | 82.9   | 81.0  | 79.1  | 79.1  | 78.5  |  |
| 135.0   | 76.6  | 75.9  | 73.4  | 74.0   | 74.7  | 74.7  | 74.0  | 74.0  |  |
| 157.5   | 74.0  | 74.7  | 75.3  | 75.3   | 74.7  | 74.0  | 73.4  | 73.4  |  |
| 180.0   | 74.7  | 75.3  | 75.3  | 75.3   | 75.3  | 75.9  | 77.2  | 76.6  |  |
| 202.5   | 75.9  | 75.9  | 76.6  | 77.2   | 77.2  | 77.2  | 75.9  | 77.2  |  |
| 225.0   | 79.1  | 77.8  | 77.8  | 77.8   | 79.1  | 79.7  | 81.6  | 81.6  |  |
| 247.5   | 82.3  | 82.9  | 82.9  | 84.8   | 88.0  | 91.8  | 94.9  | 97.5  |  |
| 270.0   | 101.3 | 104.4 | 107.6 | 109.5  | 110.7 | 110.7 | 110.7 | 110.7 |  |
| 292.5   | 110.7 | 111.4 | 112.0 | 112.6  | 112.6 | 112.6 | 108.8 | 105.0 |  |
| 315.0   | 103.8 | 101.3 | 98.7  | 98.1   | 97.5  | 96.2  | 95.6  | 94.3  |  |
| 337.5   | 93.7  | 91.8  | 91.1  | 90.5   | 89.9  | 89.2  | 88.0  | 87.3  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 567   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 84.8  | 83.5  | 82.9  | 82.3   | 81.6  | 80.4  | 79.7  | 80.4  |  |
| 22.5    | 79.7  | 79.1  | 78.5  | 77.8   | 77.8  | 77.8  | 77.8  | 77.8  |  |
| 45.0    | 77.8  | 77.2  | 77.2  | 77.2   | 77.8  | 78.5  | 81.6  | 82.9  |  |
| 67.5    | 83.5  | 84.2  | 84.2  | 84.8   | 84.8  | 85.4  | 85.4  | 85.4  |  |
| 90.0    | 87.3  | 89.2  | 89.9  | 91.1   | 89.2  | 86.7  | 85.4  | 84.8  |  |
| 112.5   | 84.2  | 83.5  | 82.9  | 80.4   | 78.5  | 75.9  | 73.4  | 72.1  |  |
| 135.0   | 71.5  | 70.2  | 68.3  | 67.7   | 67.1  | 67.1  | 66.4  | 66.4  |  |
| 157.5   | 66.4  | 66.4  | 65.8  | 65.8   | 66.4  | 67.7  | 67.7  | 70.2  |  |
| 180.0   | 70.2  | 70.2  | 70.2  | 70.2   | 69.6  | 69.0  | 69.0  | 69.0  |  |
| 202.5   | 68.3  | 67.7  | 67.7  | 67.7   | 68.3  | 68.3  | 68.3  | 69.0  |  |
| 225.0   | 70.2  | 70.2  | 71.5  | 72.1   | 72.1  | 72.1  | 72.1  | 72.8  |  |
| 247.5   | 75.3  | 77.2  | 82.9  | 82.9   | 84.2  | 84.8  | 87.3  | 89.9  |  |
| 270.0   | 91.1  | 91.8  | 95.6  | 101.3  | 105.7 | 105.0 | 108.8 | 110.1 |  |
| 292.5   | 110.1 | 110.7 | 111.4 | 112.6  | 112.6 | 112.0 | 108.8 | 105.7 |  |
| 315.0   | 104.4 | 101.3 | 95.6  | 91.8   | 89.9  | 89.2  | 90.5  | 91.1  |  |
| 337.5   | 91.1  | 90.5  | 89.9  | 89.2   | 88.6  | 87.3  | 86.1  | 85.4  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 570   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5970  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 79.1  | 79.1  | 78.5  | 78.5   | 78.5  | 78.5  | 79.1  | 78.5  |  |
| 22.5    | 79.1  | 77.2  | 75.9  | 75.9   | 75.9  | 75.9  | 76.6  | 77.8  |  |
| 45.0    | 77.8  | 77.8  | 77.2  | 77.2   | 76.6  | 76.6  | 76.6  | 75.3  |  |
| 67.5    | 74.0  | 75.3  | 77.8  | 79.7   | 80.4  | 81.0  | 81.6  | 82.3  |  |
| 90.0    | 82.9  | 84.2  | 85.4  | 86.1   | 85.4  | 85.4  | 84.2  | 82.9  |  |
| 112.5   | 81.6  | 79.7  | 79.1  | 75.9   | 72.8  | 71.5  | 69.6  | 69.6  |  |
| 135.0   | 69.0  | 67.1  | 61.4  | 61.4   | 61.4  | 62.6  | 62.0  | 62.6  |  |
| 157.5   | 62.6  | 62.6  | 62.6  | 63.9   | 63.9  | 63.3  | 62.6  | 62.6  |  |
| 180.0   | 62.6  | 63.3  | 63.3  | 65.2   | 65.2  | 64.5  | 63.9  | 63.3  |  |
| 202.5   | 63.3  | 62.0  | 62.0  | 62.0   | 62.6  | 62.6  | 63.9  | 65.8  |  |
| 225.0   | 67.7  | 69.0  | 69.0  | 68.3   | 69.6  | 70.2  | 68.3  | 67.7  |  |
| 247.5   | 67.7  | 68.3  | 69.0  | 74.0   | 75.9  | 78.5  | 81.6  | 85.4  |  |
| 270.0   | 87.3  | 89.2  | 91.1  | 91.8   | 92.4  | 93.7  | 96.8  | 100.0 |  |
| 292.5   | 103.1 | 106.9 | 108.8 | 109.5  | 108.8 | 107.6 | 105.0 | 104.4 |  |
| 315.0   | 102.5 | 101.9 | 100.0 | 96.8   | 94.3  | 93.7  | 93.0  | 92.4  |  |
| 337.5   | 91.1  | 90.5  | 89.2  | 87.3   | 85.4  | 84.8  | 82.9  | 81.0  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 573   | TILT: | 0     | RANGE: | 149.7 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 60.6  | 60.6  | 60.6  | 59.4   | 58.7  | 59.4  | 60.0  | 60.0  |  |
| 22.5    | 60.0  | 60.0  | 58.7  | 58.7   | 58.7  | 58.1  | 58.1  | 58.1  |  |
| 45.0    | 58.7  | 58.7  | 58.7  | 58.1   | 56.8  | 56.8  | 57.5  | 57.5  |  |
| 67.5    | 57.5  | 58.1  | 58.7  | 59.4   | 59.4  | 59.4  | 61.9  | 64.4  |  |
| 90.0    | 67.6  | 69.5  | 70.7  | 72.0   | 72.6  | 73.9  | 73.9  | 73.9  |  |
| 112.5   | 73.9  | 72.0  | 69.5  | 66.9   | 65.0  | 64.4  | 63.8  | 60.6  |  |
| 135.0   | 59.4  | 56.8  | 56.2  | 55.6   | 54.9  | 53.7  | 53.7  | 53.7  |  |
| 157.5   | 53.7  | 53.1  | 53.7  | 53.7   | 53.7  | 53.7  | 54.9  | 55.6  |  |
| 180.0   | 56.2  | 55.6  | 54.9  | 54.3   | 53.7  | 53.1  | 53.1  | 53.1  |  |
| 202.5   | 52.4  | 52.4  | 53.1  | 53.1   | 53.1  | 53.7  | 53.7  | 53.7  |  |
| 225.0   | 53.7  | 53.7  | 53.1  | 53.1   | 52.4  | 52.4  | 53.1  | 53.1  |  |
| 247.5   | 53.7  | 54.3  | 56.2  | 56.8   | 57.5  | 58.1  | 58.7  | 59.4  |  |
| 270.0   | 61.3  | 63.8  | 65.7  | 68.2   | 70.1  | 71.4  | 75.8  | 78.9  |  |
| 292.5   | 82.1  | 82.7  | 85.3  | 85.3   | 85.9  | 85.3  | 83.4  | 80.2  |  |
| 315.0   | 77.7  | 75.8  | 72.0  | 70.1   | 67.6  | 68.2  | 66.3  | 65.7  |  |
| 337.5   | 65.7  | 65.0  | 63.8  | 63.8   | 62.5  | 62.5  | 61.9  | 60.6  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 576   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 57.6  | 57.6  | 57.6  | 57.6   | 57.0  | 57.0  | 57.6  | 57.6  |  |
| 22.5    | 56.3  | 56.3  | 56.3  | 56.3   | 56.3  | 56.3  | 57.0  | 56.3  |  |
| 45.0    | 56.3  | 55.7  | 55.7  | 55.7   | 55.1  | 54.4  | 54.4  | 54.4  |  |
| 67.5    | 55.1  | 55.1  | 56.3  | 57.0   | 57.0  | 58.2  | 60.1  | 62.0  |  |
| 90.0    | 63.9  | 65.2  | 65.8  | 67.1   | 67.7  | 68.3  | 67.1  | 66.4  |  |
| 112.5   | 65.2  | 64.6  | 63.9  | 63.3   | 63.3  | 62.7  | 61.4  | 60.8  |  |
| 135.0   | 60.1  | 57.6  | 54.4  | 52.5   | 52.5  | 50.0  | 50.0  | 50.6  |  |
| 157.5   | 50.6  | 50.0  | 50.6  | 50.0   | 50.6  | 50.6  | 50.6  | 50.6  |  |
| 180.0   | 50.6  | 50.6  | 51.3  | 51.9   | 51.9  | 51.9  | 50.6  | 50.6  |  |
| 202.5   | 50.6  | 50.6  | 50.6  | 50.6   | 50.6  | 50.6  | 50.6  | 50.6  |  |
| 225.0   | 50.6  | 51.3  | 51.3  | 51.3   | 51.9  | 52.5  | 52.5  | 51.9  |  |
| 247.5   | 53.2  | 53.8  | 54.4  | 55.1   | 55.7  | 57.0  | 57.6  | 59.5  |  |
| 270.0   | 61.4  | 64.6  | 66.4  | 67.7   | 68.3  | 69.6  | 71.5  | 73.4  |  |
| 292.5   | 75.3  | 75.9  | 76.6  | 77.2   | 77.8  | 75.9  | 75.3  | 72.8  |  |
| 315.0   | 70.9  | 69.0  | 67.1  | 65.2   | 65.2  | 64.6  | 64.6  | 63.9  |  |
| 337.5   | 63.3  | 62.7  | 62.0  | 61.4   | 60.1  | 58.2  | 57.0  | 57.6  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 579   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 56.3  | 54.4  | 52.5  | 52.5   | 53.8  | 54.4  | 55.7  | 55.7  |  |
| 22.5    | 55.7  | 55.7  | 54.4  | 54.4   | 54.4  | 53.8  | 53.8  | 53.8  |  |
| 45.0    | 54.4  | 55.1  | 54.4  | 53.8   | 53.8  | 51.9  | 51.9  | 51.9  |  |
| 67.5    | 51.3  | 51.3  | 51.9  | 52.5   | 52.5  | 52.5  | 53.2  | 53.8  |  |
| 90.0    | 54.4  | 55.1  | 57.0  | 58.9   | 59.5  | 62.0  | 62.0  | 62.7  |  |
| 112.5   | 63.3  | 63.3  | 61.4  | 58.2   | 56.3  | 56.3  | 55.7  | 55.1  |  |
| 135.0   | 53.8  | 52.5  | 51.9  | 51.3   | 49.4  | 47.5  | 47.5  | 47.5  |  |
| 157.5   | 47.5  | 47.5  | 47.5  | 48.1   | 47.5  | 47.5  | 47.5  | 46.8  |  |
| 180.0   | 46.8  | 47.5  | 48.1  | 48.7   | 48.7  | 48.7  | 46.8  | 46.8  |  |
| 202.5   | 46.8  | 47.5  | 47.5  | 48.1   | 48.7  | 50.0  | 49.4  | 48.1  |  |
| 225.0   | 48.1  | 49.4  | 49.4  | 48.1   | 48.1  | 48.1  | 47.5  | 47.5  |  |
| 247.5   | 48.1  | 48.1  | 50.0  | 51.9   | 52.5  | 53.2  | 53.2  | 54.4  |  |
| 270.0   | 56.3  | 57.0  | 58.9  | 60.1   | 62.7  | 65.2  | 67.1  | 67.1  |  |
| 292.5   | 65.8  | 68.3  | 70.2  | 71.5   | 72.1  | 71.5  | 70.2  | 69.0  |  |
| 315.0   | 67.7  | 67.1  | 66.4  | 64.6   | 63.3  | 61.4  | 60.1  | 59.5  |  |
| 337.5   | 59.5  | 58.9  | 58.9  | 58.9   | 58.9  | 58.9  | 58.2  | 58.2  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 582   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 51.9  | 51.3  | 50.6  | 50.6   | 50.6  | 50.6  | 50.6  | 50.6  |  |
| 22.5    | 50.0  | 50.0  | 50.0  | 49.4   | 49.4  | 46.8  | 46.2  | 45.6  |  |
| 45.0    | 45.6  | 44.9  | 44.9  | 44.9   | 45.6  | 44.3  | 44.3  | 44.3  |  |
| 67.5    | 44.3  | 43.7  | 44.9  | 44.9   | 44.9  | 44.9  | 45.6  | 45.6  |  |
| 90.0    | 46.2  | 48.7  | 51.3  | 57.6   | 60.1  | 61.4  | 60.8  | 58.9  |  |
| 112.5   | 57.0  | 55.1  | 53.2  | 51.3   | 50.6  | 49.4  | 48.7  | 48.1  |  |
| 135.0   | 47.5  | 45.6  | 44.3  | 43.7   | 43.0  | 42.4  | 41.8  | 41.1  |  |
| 157.5   | 41.1  | 41.1  | 41.1  | 40.5   | 39.9  | 39.2  | 39.2  | 39.9  |  |
| 180.0   | 40.5  | 41.8  | 41.8  | 41.8   | 41.8  | 41.1  | 41.1  | 40.5  |  |
| 202.5   | 40.5  | 40.5  | 40.5  | 40.5   | 41.1  | 41.1  | 41.1  | 40.5  |  |
| 225.0   | 40.5  | 41.1  | 41.8  | 42.4   | 42.4  | 44.9  | 44.9  | 45.6  |  |
| 247.5   | 50.0  | 51.3  | 51.9  | 51.9   | 51.9  | 51.3  | 50.6  | 50.0  |  |
| 270.0   | 51.3  | 51.9  | 53.2  | 55.7   | 58.2  | 60.8  | 62.7  | 63.9  |  |
| 292.5   | 66.4  | 67.1  | 67.7  | 68.3   | 67.1  | 66.4  | 65.2  | 62.7  |  |
| 315.0   | 61.4  | 60.8  | 58.2  | 57.0   | 57.0  | 57.0  | 55.7  | 55.1  |  |
| 337.5   | 55.1  | 53.8  | 53.8  | 53.2   | 52.5  | 52.5  | 52.5  | 51.9  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 585   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 50.6  | 50.0  | 49.4  | 48.7   | 48.7  | 48.1  | 48.1  | 47.5  |  |
| 22.5    | 47.5  | 46.2  | 45.6  | 43.7   | 43.0  | 43.0  | 41.8  | 41.8  |  |
| 45.0    | 41.1  | 41.1  | 39.9  | 40.5   | 39.9  | 40.5  | 40.5  | 41.1  |  |
| 67.5    | 41.1  | 41.8  | 42.4  | 41.1   | 41.8  | 42.4  | 39.2  | 38.6  |  |
| 90.0    | 39.9  | 40.5  | 41.8  | 44.9   | 45.6  | 46.8  | 45.6  | 46.2  |  |
| 112.5   | 46.2  | 44.9  | 44.3  | 43.7   | 42.4  | 41.8  | 41.8  | 41.1  |  |
| 135.0   | 41.1  | 39.9  | 39.9  | 39.2   | 39.2  | 38.6  | 38.0  | 37.3  |  |
| 157.5   | 36.7  | 36.1  | 35.4  | 35.4   | 36.1  | 36.1  | 34.8  | 34.8  |  |
| 180.0   | 34.8  | 34.8  | 35.4  | 36.1   | 35.4  | 35.4  | 35.4  | 34.8  |  |
| 202.5   | 35.4  | 35.4  | 36.1  | 36.1   | 36.7  | 37.3  | 38.0  | 38.0  |  |
| 225.0   | 39.2  | 39.2  | 42.4  | 43.0   | 43.7  | 43.7  | 44.9  | 44.3  |  |
| 247.5   | 44.9  | 44.9  | 44.3  | 44.3   | 44.9  | 45.6  | 46.2  | 46.2  |  |
| 270.0   | 46.8  | 48.1  | 47.5  | 47.5   | 47.5  | 47.5  | 46.8  | 46.8  |  |
| 292.5   | 47.5  | 48.1  | 48.7  | 50.0   | 53.8  | 53.8  | 53.2  | 52.5  |  |
| 315.0   | 51.3  | 51.3  | 50.6  | 50.0   | 50.0  | 50.6  | 51.3  | 50.6  |  |
| 337.5   | 50.0  | 50.0  | 49.4  | 50.0   | 50.6  | 51.9  | 52.5  | 51.3  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 588   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 42.4  | 42.4  | 43.0  | 43.0   | 42.4  | 42.4  | 41.8  | 41.1  |  |
| 22.5    | 41.1  | 41.1  | 40.5  | 39.9   | 39.2  | 38.6  | 38.0  | 37.3  |  |
| 45.0    | 36.1  | 35.4  | 35.4  | 34.8   | 34.2  | 34.8  | 33.5  | 34.2  |  |
| 67.5    | 34.2  | 34.8  | 35.4  | 36.1   | 36.1  | 36.1  | 36.1  | 36.1  |  |
| 90.0    | 36.7  | 37.3  | 37.3  | 38.0   | 38.6  | 40.5  | 43.0  | 42.4  |  |
| 112.5   | 42.4  | 39.9  | 39.2  | 39.2   | 39.2  | 39.2  | 39.2  | 38.6  |  |
| 135.0   | 38.0  | 36.7  | 35.4  | 35.4   | 34.8  | 34.2  | 33.5  | 32.9  |  |
| 157.5   | 32.3  | 32.3  | 31.6  | 31.6   | 31.6  | 31.6  | 31.6  | 31.6  |  |
| 180.0   | 31.6  | 31.0  | 31.0  | 31.0   | 31.0  | 31.0  | 31.0  | 31.0  |  |
| 202.5   | 31.6  | 32.9  | 32.9  | 32.9   | 32.9  | 33.5  | 34.2  | 34.8  |  |
| 225.0   | 35.4  | 36.1  | 36.7  | 38.0   | 38.6  | 39.9  | 40.5  | 41.1  |  |
| 247.5   | 41.8  | 41.8  | 42.4  | 41.8   | 41.8  | 43.0  | 43.0  | 43.0  |  |
| 270.0   | 43.0  | 42.4  | 41.8  | 42.4   | 43.0  | 43.7  | 44.9  | 45.6  |  |
| 292.5   | 46.2  | 46.8  | 46.8  | 46.8   | 46.2  | 46.2  | 46.2  | 46.2  |  |
| 315.0   | 46.2  | 46.2  | 45.6  | 45.6   | 45.6  | 45.6  | 45.6  | 44.9  |  |
| 337.5   | 45.6  | 45.6  | 44.9  | 43.7   | 43.0  | 41.8  | 41.8  | 41.8  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 591   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 38.6  | 38.6  | 38.6  | 38.6   | 38.0  | 37.3  | 36.1  | 36.1  |  |
| 22.5    | 34.8  | 34.8  | 34.2  | 34.2   | 34.2  | 33.5  | 32.3  | 32.3  |  |
| 45.0    | 31.0  | 32.3  | 30.4  | 30.4   | 29.7  | 29.7  | 30.4  | 30.4  |  |
| 67.5    | 29.7  | 30.4  | 30.4  | 30.4   | 30.4  | 31.0  | 31.0  | 31.6  |  |
| 90.0    | 32.3  | 32.9  | 34.2  | 34.8   | 34.8  | 35.4  | 36.1  | 36.7  |  |
| 112.5   | 36.7  | 35.4  | 34.8  | 34.2   | 32.9  | 32.3  | 31.6  | 30.4  |  |
| 135.0   | 29.1  | 29.1  | 29.1  | 29.1   | 29.1  | 29.7  | 29.1  | 29.7  |  |
| 157.5   | 29.7  | 30.4  | 31.0  | 31.0   | 31.6  | 31.0  | 31.0  | 30.4  |  |
| 180.0   | 30.4  | 30.4  | 30.4  | 30.4   | 29.7  | 29.7  | 29.7  | 29.7  |  |
| 202.5   | 29.7  | 30.4  | 30.4  | 30.4   | 31.0  | 32.3  | 32.9  | 33.5  |  |
| 225.0   | 34.2  | 34.2  | 34.8  | 35.4   | 36.1  | 36.7  | 37.3  | 38.6  |  |
| 247.5   | 39.9  | 39.9  | 39.9  | 38.6   | 38.6  | 38.6  | 38.6  | 39.2  |  |
| 270.0   | 39.2  | 39.2  | 38.6  | 38.0   | 38.0  | 38.0  | 38.6  | 39.2  |  |
| 292.5   | 39.9  | 41.1  | 41.8  | 41.8   | 41.8  | 41.8  | 43.0  | 43.0  |  |
| 315.0   | 43.0  | 43.0  | 43.7  | 43.7   | 43.0  | 41.8  | 41.1  | 40.5  |  |
| 337.5   | 39.9  | 39.2  | 39.2  | 39.2   | 39.2  | 39.2  | 39.2  | 39.2  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 594   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 32.9  | 34.2  | 32.9  | 32.9   | 32.3  | 32.3  | 31.6  | 31.0  |  |
| 22.5    | 29.7  | 29.7  | 29.7  | 29.1   | 28.5  | 27.8  | 27.2  | 27.2  |  |
| 45.0    | 27.2  | 27.2  | 26.6  | 26.6   | 25.9  | 25.3  | 25.3  | 25.3  |  |
| 67.5    | 25.3  | 25.3  | 25.3  | 24.7   | 24.0  | 24.0  | 24.0  | 24.0  |  |
| 90.0    | 24.0  | 23.4  | 23.4  | 23.4   | 23.4  | 23.4  | 23.4  | 24.0  |  |
| 112.5   | 24.0  | 24.0  | 24.0  | 23.4   | 23.4  | 23.4  | 24.0  | 24.7  |  |
| 135.0   | 25.9  | 25.9  | 26.6  | 27.2   | 29.7  | 30.4  | 31.6  | 31.6  |  |
| 157.5   | 32.3  | 32.3  | 32.9  | 32.9   | 33.5  | 33.5  | 33.5  | 32.9  |  |
| 180.0   | 32.9  | 32.3  | 31.6  | 31.6   | 31.0  | 30.4  | 30.4  | 30.4  |  |
| 202.5   | 29.7  | 29.7  | 29.1  | 28.5   | 27.2  | 25.9  | 25.3  | 24.7  |  |
| 225.0   | 25.9  | 27.2  | 29.1  | 30.4   | 31.0  | 31.6  | 32.3  | 32.9  |  |
| 247.5   | 34.2  | 34.8  | 35.4  | 34.2   | 34.2  | 34.2  | 34.2  | 33.5  |  |
| 270.0   | 34.2  | 34.8  | 34.8  | 35.4   | 36.1  | 36.7  | 38.0  | 38.6  |  |
| 292.5   | 38.6  | 38.6  | 38.6  | 38.6   | 38.0  | 37.3  | 37.3  | 37.3  |  |
| 315.0   | 35.4  | 35.4  | 35.4  | 35.4   | 34.8  | 34.8  | 34.2  | 33.5  |  |
| 337.5   | 33.5  | 32.9  | 32.9  | 32.9   | 33.5  | 33.5  | 33.5  | 33.5  |  |



| DEPTH:  | 597   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5958  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 29.7  | 29.1  | 28.5  | 27.8   | 27.8  | 27.8  | 27.2  | 27.2  |  |
| 22.5    | 26.6  | 24.0  | 23.4  | 22.8   | 21.5  | 20.9  | 20.9  | 20.3  |  |
| 45.0    | 20.3  | 20.3  | 20.3  | 20.9   | 20.9  | 20.3  | 19.6  | 19.6  |  |
| 67.5    | 19.6  | 19.6  | 20.3  | 20.3   | 19.6  | 19.6  | 19.0  | 18.4  |  |
| 90.0    | 18.4  | 18.4  | 18.4  | 17.7   | 17.7  | 17.7  | 17.7  | 17.7  |  |
| 112.5   | 17.7  | 18.4  | 19.0  | 19.6   | 19.6  | 20.3  | 20.3  | 20.9  |  |
| 135.0   | 21.5  | 24.7  | 26.6  | 27.2   | 27.8  | 31.0  | 31.6  | 31.6  |  |
| 157.5   | 31.6  | 31.6  | 31.6  | 31.6   | 31.0  | 30.4  | 29.7  | 29.1  |  |
| 180.0   | 28.5  | 27.8  | 27.2  | 27.2   | 26.6  | 25.9  | 25.3  | 24.7  |  |
| 202.5   | 24.7  | 24.7  | 25.3  | 25.9   | 26.6  | 25.9  | 25.3  | 24.7  |  |
| 225.0   | 24.0  | 24.0  | 24.0  | 24.7   | 25.3  | 26.6  | 27.2  | 27.8  |  |
| 247.5   | 27.8  | 28.5  | 29.1  | 29.7   | 29.1  | 29.1  | 29.1  | 29.1  |  |
| 270.0   | 31.0  | 30.4  | 31.6  | 31.0   | 31.0  | 31.0  | 31.0  | 31.0  |  |
| 292.5   | 29.7  | 29.7  | 29.7  | 30.4   | 30.4  | 30.4  | 30.4  | 30.4  |  |
| 315.0   | 31.0  | 31.0  | 30.4  | 29.7   | 29.1  | 29.1  | 29.1  | 28.5  |  |
| 337.5   | 29.1  | 29.1  | 27.8  | 27.2   | 29.7  | 29.7  | 29.7  | 29.7  |  |

| DEPTH:  | 600   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5958  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 24.7  | 24.7  | 24.0  | 23.4   | 20.9  | 20.3  | 19.6  | 18.4  |  |
| 22.5    | 17.1  | 16.5  | 15.8  | 15.8   | 15.8  | 15.8  | 15.2  | 15.2  |  |
| 45.0    | 14.6  | 13.9  | 13.9  | 13.9   | 13.9  | 13.9  | 13.9  | 13.9  |  |
| 67.5    | 13.9  | 13.9  | 13.9  | 13.9   | 13.9  | 14.6  | 15.2  | 15.2  |  |
| 90.0    | 15.2  | 15.2  | 15.2  | 15.2   | 15.2  | 15.2  | 15.2  | 14.6  |  |
| 112.5   | 14.6  | 14.6  | 14.6  | 13.3   | 12.7  | 12.7  | 13.3  | 13.9  |  |
| 135.0   | 14.6  | 15.2  | 15.2  | 15.8   | 16.5  | 17.1  | 18.4  | 19.0  |  |
| 157.5   | 19.0  | 18.4  | 18.4  | 17.7   | 17.1  | 17.7  | 18.4  | 19.0  |  |
| 180.0   | 19.6  | 19.6  | 19.0  | 18.4   | 17.7  | 17.1  | 17.1  | 16.5  |  |
| 202.5   | 16.5  | 15.8  | 15.2  | 14.6   | 14.6  | 14.6  | 14.6  | 14.6  |  |
| 225.0   | 14.6  | 14.6  | 14.6  | 15.2   | 15.8  | 16.5  | 17.1  | 17.7  |  |
| 247.5   | 19.0  | 20.9  | 21.5  | 22.1   | 24.7  | 25.3  | 25.9  | 26.6  |  |
| 270.0   | 26.6  | 26.6  | 26.6  | 26.6   | 27.2  | 27.2  | 27.8  | 27.8  |  |
| 292.5   | 27.8  | 27.2  | 26.6  | 25.9   | 25.3  | 24.0  | 23.4  | 22.8  |  |
| 315.0   | 23.4  | 24.0  | 24.0  | 24.0   | 24.0  | 24.0  | 24.7  | 25.3  |  |
| 337.5   | 25.3  | 25.9  | 25.9  | 25.9   | 25.3  | 25.3  | 25.3  | 25.3  |  |

| DEPTH:  | 603   | TILT: | 0     | RANGE: | 150.0 | VOS:  | 5958  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 23.4  | 22.8  | 22.1  | 20.9   | 20.3  | 19.6  | 17.7  | 17.1  |  |
| 22.5    | 15.8  | 15.2  | 14.6  | 13.9   | 13.3  | 12.7  | 12.7  | 12.7  |  |
| 45.0    | 12.7  | 12.7  | 12.0  | 12.0   | 12.0  | 12.0  | 12.7  | 12.7  |  |
| 67.5    | 12.7  | 12.7  | 12.7  | 12.7   | 12.7  | 12.7  | 13.3  | 13.3  |  |
| 90.0    | 13.3  | 13.3  | 13.3  | 13.3   | 13.3  | 13.3  | 13.3  | 13.3  |  |
| 112.5   | 12.7  | 12.7  | 12.7  | 12.7   | 12.7  | 12.7  | 12.7  | 12.0  |  |
| 135.0   | 12.0  | 12.0  | 12.0  | 12.7   | 12.7  | 12.7  | 12.7  | 12.7  |  |
| 157.5   | 13.3  | 13.3  | 13.3  | 13.3   | 13.9  | 14.6  | 15.8  | 15.8  |  |
| 180.0   | 15.8  | 15.8  | 15.2  | 15.2   | 15.2  | 15.2  | 15.2  | 15.2  |  |
| 202.5   | 15.2  | 15.2  | 14.6  | 14.6   | 13.9  | 13.9  | 13.9  | 13.9  |  |
| 225.0   | 14.6  | 14.6  | 15.2  | 15.8   | 16.5  | 17.1  | 17.7  | 18.4  |  |
| 247.5   | 19.0  | 20.3  | 21.5  | 22.1   | 22.1  | 22.1  | 22.8  | 24.0  |  |
| 270.0   | 24.0  | 24.7  | 24.7  | 25.3   | 25.3  | 25.9  | 26.6  | 26.6  |  |
| 292.5   | 26.6  | 25.9  | 25.9  | 25.3   | 24.0  | 23.4  | 22.8  | 22.8  |  |
| 315.0   | 22.8  | 23.4  | 23.4  | 23.4   | 22.8  | 22.8  | 23.4  | 23.4  |  |
| 337.5   | 23.4  | 23.4  | 24.0  | 24.0   | 24.0  | 23.4  | 23.4  | 23.4  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 606   | TILT: | 0     | RANGE: | 200.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 139.2 | 139.2 | 139.2 | 138.4  | 138.4 | 138.4 | 137.5 | 137.5 |  |
| 22.5    | 138.4 | 138.4 | 139.2 | 140.1  | 140.9 | 141.8 | 142.6 | 141.8 |  |
| 45.0    | 140.9 | 140.9 | 140.9 | 141.8  | 141.8 | 141.8 | 141.8 | 140.9 |  |
| 67.5    | 140.1 | 137.5 | 136.7 | 135.9  | 135.0 | 134.2 | 133.3 | 132.5 |  |
| 90.0    | 132.5 | 132.5 | 132.5 | 132.5  | 131.6 | 129.9 | 129.1 | 128.3 |  |
| 112.5   | 127.4 | 126.6 | 125.7 | 124.9  | 124.0 | 123.2 | 123.2 | 124.0 |  |
| 135.0   | 124.0 | 123.2 | 122.4 | 123.2  | 124.9 | 125.7 | 126.6 | 127.4 |  |
| 157.5   | 129.1 | 129.9 | 130.8 | 129.9  | 129.9 | 130.8 | 133.3 | 135.9 |  |
| 180.0   | 137.5 | 140.1 | 140.9 | 141.8  | 143.4 | 144.3 | 145.1 | 145.1 |  |
| 202.5   | 145.1 | 145.1 | 144.3 | 143.4  | 142.6 | 140.9 | 137.5 | 136.7 |  |
| 225.0   | 137.5 | 139.2 | 136.7 | 135.9  | 133.3 | 131.6 | 129.9 | 129.1 |  |
| 247.5   | 129.1 | 129.9 | 129.9 | 129.9  | 129.9 | 129.9 | 130.8 | 131.6 |  |
| 270.0   | 133.3 | 134.2 | 135.0 | 135.9  | 135.9 | 135.9 | 136.7 | 139.2 |  |
| 292.5   | 140.1 | 144.3 | 145.1 | 146.8  | 148.5 | 149.4 | 150.2 | 150.2 |  |
| 315.0   | 149.4 | 149.4 | 147.7 | 146.8  | 146.0 | 145.1 | 144.3 | 144.3 |  |
| 337.5   | 143.4 | 142.6 | 141.8 | 141.8  | 141.8 | 141.8 | 140.9 | 140.1 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 609   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 159.5 | 158.5 | 159.5 | 161.4  | 162.3 | 165.2 | 166.1 | 166.1 |  |
| 22.5    | 167.1 | 167.1 | 168.0 | 166.1  | 163.3 | 162.3 | 162.3 | 162.3 |  |
| 45.0    | 161.4 | 160.4 | 159.5 | 159.5  | 161.4 | 160.4 | 157.6 | 157.6 |  |
| 67.5    | 157.6 | 156.6 | 155.7 | 155.7  | 156.6 | 155.7 | 152.8 | 150.9 |  |
| 90.0    | 150.9 | 150.9 | 150.9 | 151.9  | 152.8 | 152.8 | 150.0 | 150.0 |  |
| 112.5   | 150.0 | 148.1 | 148.1 | 147.1  | 146.2 | 146.2 | 148.1 | 145.2 |  |
| 135.0   | 145.2 | 146.2 | 143.3 | 144.3  | 145.2 | 145.2 | 145.2 | 145.2 |  |
| 157.5   | 143.3 | 143.3 | 144.3 | 143.3  | 143.3 | 143.3 | 142.4 | 142.4 |  |
| 180.0   | 144.3 | 145.2 | 149.0 | 151.9  | 152.8 | 153.8 | 154.7 | 154.7 |  |
| 202.5   | 153.8 | 152.8 | 151.9 | 151.9  | 150.9 | 150.0 | 149.0 | 149.0 |  |
| 225.0   | 147.1 | 149.0 | 147.1 | 147.1  | 147.1 | 148.1 | 148.1 | 149.0 |  |
| 247.5   | 150.0 | 150.0 | 150.0 | 150.0  | 149.0 | 149.0 | 149.0 | 150.0 |  |
| 270.0   | 150.9 | 152.8 | 156.6 | 158.5  | 161.4 | 166.1 | 168.0 | 168.0 |  |
| 292.5   | 168.0 | 167.1 | 167.1 | 165.2  | 166.1 | 163.3 | 163.3 | 162.3 |  |
| 315.0   | 161.4 | 160.4 | 161.4 | 162.3  | 163.3 | 163.3 | 162.3 | 161.4 |  |
| 337.5   | 161.4 | 162.3 | 162.3 | 162.3  | 162.3 | 162.3 | 161.4 | 160.4 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 612   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 159.5 | 157.6 | 157.6 | 156.6  | 157.6 | 159.5 | 161.4 | 164.2 |  |
| 22.5    | 167.1 | 169.9 | 169.0 | 168.0  | 166.1 | 165.2 | 163.3 | 162.3 |  |
| 45.0    | 162.3 | 162.3 | 161.4 | 159.5  | 159.5 | 159.5 | 157.6 | 156.6 |  |
| 67.5    | 156.6 | 155.7 | 155.7 | 154.7  | 151.9 | 151.9 | 150.9 | 150.9 |  |
| 90.0    | 150.9 | 151.9 | 152.8 | 151.9  | 152.8 | 150.9 | 150.0 | 149.0 |  |
| 112.5   | 148.1 | 148.1 | 147.1 | 147.1  | 146.2 | 146.2 | 145.2 | 145.2 |  |
| 135.0   | 143.3 | 144.3 | 144.3 | 144.3  | 145.2 | 144.3 | 144.3 | 144.3 |  |
| 157.5   | 143.3 | 143.3 | 142.4 | 143.3  | 143.3 | 142.4 | 142.4 | 143.3 |  |
| 180.0   | 144.3 | 146.2 | 149.0 | 153.8  | 154.7 | 155.7 | 154.7 | 153.8 |  |
| 202.5   | 153.8 | 154.7 | 151.9 | 150.9  | 150.0 | 149.0 | 148.1 | 147.1 |  |
| 225.0   | 147.1 | 147.1 | 147.1 | 147.1  | 147.1 | 148.1 | 147.1 | 148.1 |  |
| 247.5   | 148.1 | 149.0 | 150.9 | 150.0  | 149.0 | 149.0 | 150.0 | 150.0 |  |
| 270.0   | 150.9 | 151.9 | 154.7 | 157.6  | 161.4 | 163.3 | 165.2 | 168.0 |  |
| 292.5   | 168.0 | 168.0 | 167.1 | 167.1  | 165.2 | 164.2 | 164.2 | 163.3 |  |
| 315.0   | 161.4 | 161.4 | 161.4 | 161.4  | 161.4 | 162.3 | 162.3 | 161.4 |  |
| 337.5   | 161.4 | 161.4 | 162.3 | 162.3  | 162.3 | 161.4 | 161.4 | 159.5 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 615   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 159.5 | 158.5 | 159.5 | 161.4  | 162.3 | 165.2 | 166.1 | 168.0 |  |
| 22.5    | 168.0 | 168.0 | 168.0 | 169.0  | 169.9 | 169.9 | 166.1 | 162.3 |  |
| 45.0    | 162.3 | 161.4 | 159.5 | 158.5  | 158.5 | 158.5 | 158.5 | 158.5 |  |
| 67.5    | 158.5 | 157.6 | 156.6 | 156.6  | 153.8 | 151.9 | 149.0 | 150.0 |  |
| 90.0    | 150.9 | 150.9 | 150.9 | 150.9  | 150.9 | 149.0 | 148.1 | 147.1 |  |
| 112.5   | 146.2 | 146.2 | 146.2 | 145.2  | 144.3 | 143.3 | 143.3 | 144.3 |  |
| 135.0   | 144.3 | 144.3 | 144.3 | 144.3  | 144.3 | 143.3 | 143.3 | 142.4 |  |
| 157.5   | 142.4 | 141.4 | 142.4 | 141.4  | 142.4 | 143.3 | 145.2 | 149.0 |  |
| 180.0   | 151.9 | 153.8 | 154.7 | 154.7  | 155.7 | 155.7 | 154.7 | 151.9 |  |
| 202.5   | 150.0 | 150.0 | 149.0 | 149.0  | 148.1 | 147.1 | 146.2 | 146.2 |  |
| 225.0   | 147.1 | 147.1 | 147.1 | 147.1  | 147.1 | 148.1 | 149.0 | 149.0 |  |
| 247.5   | 149.0 | 150.0 | 150.9 | 150.9  | 150.9 | 150.9 | 150.9 | 151.9 |  |
| 270.0   | 154.7 | 161.4 | 166.1 | 168.0  | 168.0 | 169.0 | 169.0 | 169.9 |  |
| 292.5   | 168.0 | 168.0 | 167.1 | 166.1  | 164.2 | 162.3 | 160.4 | 160.4 |  |
| 315.0   | 161.4 | 161.4 | 161.4 | 160.4  | 160.4 | 161.4 | 161.4 | 162.3 |  |
| 337.5   | 162.3 | 162.3 | 162.3 | 162.3  | 162.3 | 162.3 | 161.4 | 160.4 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 618   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 157.6 | 157.6 | 158.5 | 159.5  | 161.4 | 162.3 | 163.3 | 167.1 |  |
| 22.5    | 170.9 | 170.9 | 170.9 | 169.9  | 169.9 | 166.1 | 161.4 | 160.4 |  |
| 45.0    | 160.4 | 160.4 | 160.4 | 158.5  | 157.6 | 157.6 | 156.6 | 156.6 |  |
| 67.5    | 156.6 | 154.7 | 154.7 | 152.8  | 152.8 | 150.0 | 149.0 | 150.0 |  |
| 90.0    | 150.0 | 149.0 | 150.0 | 150.9  | 150.9 | 150.0 | 148.1 | 147.1 |  |
| 112.5   | 147.1 | 146.2 | 146.2 | 145.2  | 145.2 | 144.3 | 145.2 | 144.3 |  |
| 135.0   | 143.3 | 144.3 | 144.3 | 143.3  | 142.4 | 142.4 | 142.4 | 141.4 |  |
| 157.5   | 142.4 | 142.4 | 141.4 | 141.4  | 141.4 | 142.4 | 144.3 | 147.1 |  |
| 180.0   | 150.9 | 151.9 | 151.9 | 152.8  | 155.7 | 155.7 | 155.7 | 152.8 |  |
| 202.5   | 151.9 | 150.9 | 150.0 | 149.0  | 149.0 | 147.1 | 146.2 | 144.3 |  |
| 225.0   | 145.2 | 144.3 | 145.2 | 146.2  | 146.2 | 146.2 | 147.1 | 148.1 |  |
| 247.5   | 150.0 | 150.9 | 150.0 | 150.9  | 150.0 | 150.9 | 151.9 | 151.9 |  |
| 270.0   | 151.9 | 152.8 | 155.7 | 160.4  | 162.3 | 166.1 | 168.0 | 169.9 |  |
| 292.5   | 170.9 | 168.0 | 166.1 | 167.1  | 165.2 | 168.0 | 169.9 | 168.0 |  |
| 315.0   | 162.3 | 160.4 | 160.4 | 160.4  | 160.4 | 160.4 | 160.4 | 159.5 |  |
| 337.5   | 160.4 | 161.4 | 162.3 | 162.3  | 162.3 | 161.4 | 160.4 | 158.5 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 621   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 159.5 | 161.4 | 162.3 | 162.3  | 168.0 | 169.9 | 171.8 | 171.8 |  |
| 22.5    | 171.8 | 169.9 | 168.0 | 160.4  | 160.4 | 159.5 | 161.4 | 159.5 |  |
| 45.0    | 158.5 | 157.6 | 158.5 | 157.6  | 156.6 | 158.5 | 154.7 | 154.7 |  |
| 67.5    | 154.7 | 150.9 | 150.9 | 149.0  | 148.1 | 148.1 | 149.0 | 150.0 |  |
| 90.0    | 150.0 | 150.0 | 150.0 | 149.0  | 149.0 | 147.1 | 146.2 | 147.1 |  |
| 112.5   | 146.2 | 145.2 | 143.3 | 144.3  | 143.3 | 141.4 | 143.3 | 144.3 |  |
| 135.0   | 144.3 | 143.3 | 143.3 | 143.3  | 142.4 | 140.5 | 140.5 | 141.4 |  |
| 157.5   | 142.4 | 140.5 | 140.5 | 139.5  | 139.5 | 139.5 | 142.4 | 153.8 |  |
| 180.0   | 152.8 | 155.7 | 154.7 | 154.7  | 152.8 | 151.9 | 150.9 | 150.0 |  |
| 202.5   | 148.1 | 148.1 | 145.2 | 144.3  | 144.3 | 146.2 | 145.2 | 144.3 |  |
| 225.0   | 145.2 | 145.2 | 146.2 | 147.1  | 147.1 | 150.0 | 149.0 | 151.9 |  |
| 247.5   | 152.8 | 150.9 | 151.9 | 152.8  | 153.8 | 152.8 | 153.8 | 151.9 |  |
| 270.0   | 152.8 | 153.8 | 162.3 | 165.2  | 168.0 | 168.0 | 167.1 | 166.1 |  |
| 292.5   | 165.2 | 170.9 | 171.8 | 171.8  | 171.8 | 169.9 | 162.3 | 161.4 |  |
| 315.0   | 160.4 | 158.5 | 159.5 | 157.6  | 157.6 | 158.5 | 160.4 | 162.3 |  |
| 337.5   | 163.3 | 160.4 | 159.5 | 158.5  | 155.7 | 155.7 | 155.7 | 157.6 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 624   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 156.6 | 161.4 | 162.3 | 163.3  | 164.2 | 165.2 | 170.9 | 172.8 |  |
| 22.5    | 172.8 | 169.9 | 166.1 | 161.4  | 160.4 | 160.4 | 160.4 | 160.4 |  |
| 45.0    | 159.5 | 159.5 | 157.6 | 156.6  | 156.6 | 154.7 | 153.8 | 153.8 |  |
| 67.5    | 150.0 | 149.0 | 147.1 | 147.1  | 148.1 | 149.0 | 149.0 | 149.0 |  |
| 90.0    | 150.0 | 149.0 | 150.0 | 148.1  | 147.1 | 145.2 | 145.2 | 144.3 |  |
| 112.5   | 144.3 | 145.2 | 145.2 | 145.2  | 144.3 | 144.3 | 141.4 | 141.4 |  |
| 135.0   | 142.4 | 142.4 | 141.4 | 139.5  | 140.5 | 141.4 | 139.5 | 139.5 |  |
| 157.5   | 138.6 | 139.5 | 138.6 | 140.5  | 140.5 | 142.4 | 142.4 | 142.4 |  |
| 180.0   | 143.3 | 143.3 | 144.3 | 144.3  | 144.3 | 145.2 | 147.1 | 147.1 |  |
| 202.5   | 147.1 | 146.2 | 143.3 | 143.3  | 144.3 | 144.3 | 143.3 | 143.3 |  |
| 225.0   | 143.3 | 143.3 | 145.2 | 146.2  | 150.0 | 151.9 | 151.9 | 150.9 |  |
| 247.5   | 150.0 | 150.0 | 149.0 | 150.0  | 152.8 | 153.8 | 153.8 | 154.7 |  |
| 270.0   | 156.6 | 167.1 | 169.9 | 169.9  | 166.1 | 166.1 | 166.1 | 167.1 |  |
| 292.5   | 167.1 | 168.0 | 171.8 | 174.6  | 170.9 | 170.9 | 165.2 | 163.3 |  |
| 315.0   | 159.5 | 159.5 | 157.6 | 156.6  | 157.6 | 158.5 | 160.4 | 161.4 |  |
| 337.5   | 161.4 | 162.3 | 161.4 | 160.4  | 159.5 | 157.6 | 156.6 | 155.7 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 627   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 160.4 | 163.3 | 164.2 | 166.1  | 169.0 | 171.8 | 172.8 | 171.8 |  |
| 22.5    | 170.9 | 170.9 | 168.0 | 165.2  | 160.4 | 159.5 | 159.5 | 159.5 |  |
| 45.0    | 159.5 | 156.6 | 155.7 | 155.7  | 153.8 | 153.8 | 151.9 | 150.9 |  |
| 67.5    | 149.0 | 148.1 | 148.1 | 145.2  | 145.2 | 147.1 | 149.0 | 150.0 |  |
| 90.0    | 150.0 | 148.1 | 147.1 | 146.2  | 146.2 | 146.2 | 145.2 | 145.2 |  |
| 112.5   | 145.2 | 145.2 | 145.2 | 143.3  | 141.4 | 141.4 | 141.4 | 139.5 |  |
| 135.0   | 139.5 | 139.5 | 138.6 | 138.6  | 138.6 | 139.5 | 139.5 | 139.5 |  |
| 157.5   | 139.5 | 139.5 | 137.6 | 138.6  | 137.6 | 138.6 | 138.6 | 137.6 |  |
| 180.0   | 136.7 | 136.7 | 137.6 | 138.6  | 140.5 | 142.4 | 142.4 | 142.4 |  |
| 202.5   | 143.3 | 144.3 | 144.3 | 142.4  | 141.4 | 141.4 | 143.3 | 144.3 |  |
| 225.0   | 144.3 | 144.3 | 144.3 | 146.2  | 147.1 | 149.0 | 150.0 | 150.0 |  |
| 247.5   | 150.0 | 150.9 | 151.9 | 152.8  | 152.8 | 152.8 | 152.8 | 151.9 |  |
| 270.0   | 154.7 | 158.5 | 169.0 | 169.9  | 169.0 | 166.1 | 165.2 | 168.0 |  |
| 292.5   | 169.9 | 174.6 | 176.5 | 175.6  | 173.7 | 163.3 | 160.4 | 160.4 |  |
| 315.0   | 160.4 | 158.5 | 157.6 | 156.6  | 158.5 | 158.5 | 159.5 | 161.4 |  |
| 337.5   | 162.3 | 161.4 | 161.4 | 155.7  | 154.7 | 155.7 | 155.7 | 157.6 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 630   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 155.7 | 156.6 | 157.6 | 160.4  | 164.2 | 171.8 | 173.7 | 173.7 |  |
| 22.5    | 172.8 | 166.1 | 159.5 | 159.5  | 159.5 | 157.6 | 156.6 | 158.5 |  |
| 45.0    | 158.5 | 157.6 | 155.7 | 154.7  | 154.7 | 154.7 | 152.8 | 150.9 |  |
| 67.5    | 149.0 | 147.1 | 144.3 | 143.3  | 146.2 | 148.1 | 148.1 | 148.1 |  |
| 90.0    | 148.1 | 146.2 | 145.2 | 144.3  | 143.3 | 143.3 | 142.4 | 141.4 |  |
| 112.5   | 141.4 | 141.4 | 140.5 | 140.5  | 140.5 | 139.5 | 138.6 | 138.6 |  |
| 135.0   | 139.5 | 139.5 | 138.6 | 137.6  | 137.6 | 137.6 | 136.7 | 136.7 |  |
| 157.5   | 137.6 | 137.6 | 137.6 | 137.6  | 137.6 | 137.6 | 137.6 | 136.7 |  |
| 180.0   | 135.7 | 135.7 | 136.7 | 137.6  | 138.6 | 139.5 | 140.5 | 140.5 |  |
| 202.5   | 141.4 | 139.5 | 139.5 | 140.5  | 141.4 | 141.4 | 141.4 | 142.4 |  |
| 225.0   | 141.4 | 141.4 | 141.4 | 141.4  | 145.2 | 150.0 | 150.9 | 150.9 |  |
| 247.5   | 151.9 | 151.9 | 150.9 | 150.9  | 151.9 | 150.9 | 150.9 | 150.9 |  |
| 270.0   | 152.8 | 154.7 | 154.7 | 155.7  | 156.6 | 160.4 | 161.4 | 163.3 |  |
| 292.5   | 164.2 | 165.2 | 166.1 | 167.1  | 168.0 | 168.0 | 166.1 | 163.3 |  |
| 315.0   | 162.3 | 161.4 | 159.5 | 159.5  | 161.4 | 162.3 | 160.4 | 159.5 |  |
| 337.5   | 158.5 | 157.6 | 155.7 | 155.7  | 156.6 | 157.6 | 156.6 | 156.6 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 633   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 154.7 | 154.7 | 156.6 | 160.4  | 162.3 | 164.2 | 171.8 | 171.8 |  |
| 22.5    | 169.9 | 161.4 | 160.4 | 159.5  | 158.5 | 157.6 | 157.6 | 158.5 |  |
| 45.0    | 159.5 | 160.4 | 161.4 | 160.4  | 158.5 | 153.8 | 150.9 | 144.3 |  |
| 67.5    | 143.3 | 141.4 | 141.4 | 144.3  | 141.4 | 140.5 | 139.5 | 139.5 |  |
| 90.0    | 139.5 | 138.6 | 137.6 | 136.7  | 135.7 | 134.8 | 133.8 | 132.9 |  |
| 112.5   | 131.9 | 131.9 | 131.0 | 131.9  | 132.9 | 133.8 | 133.8 | 133.8 |  |
| 135.0   | 133.8 | 133.8 | 136.7 | 135.7  | 135.7 | 135.7 | 135.7 | 135.7 |  |
| 157.5   | 135.7 | 135.7 | 135.7 | 136.7  | 136.7 | 135.7 | 134.8 | 134.8 |  |
| 180.0   | 133.8 | 132.9 | 131.0 | 131.0  | 131.0 | 131.9 | 132.9 | 133.8 |  |
| 202.5   | 134.8 | 134.8 | 136.7 | 137.6  | 139.5 | 142.4 | 142.4 | 142.4 |  |
| 225.0   | 142.4 | 141.4 | 141.4 | 142.4  | 140.5 | 140.5 | 141.4 | 143.3 |  |
| 247.5   | 145.2 | 146.2 | 146.2 | 148.1  | 149.0 | 150.0 | 150.9 | 151.9 |  |
| 270.0   | 153.8 | 152.8 | 152.8 | 150.9  | 151.9 | 153.8 | 156.6 | 159.5 |  |
| 292.5   | 160.4 | 161.4 | 161.4 | 161.4  | 162.3 | 164.2 | 167.1 | 173.7 |  |
| 315.0   | 174.6 | 178.4 | 174.6 | 168.0  | 163.3 | 159.5 | 156.6 | 156.6 |  |
| 337.5   | 154.7 | 153.8 | 153.8 | 153.8  | 154.7 | 154.7 | 154.7 | 154.7 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 636   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 152.8 | 151.9 | 152.8 | 153.8  | 162.3 | 167.1 | 169.0 | 170.9 |  |
| 22.5    | 172.8 | 172.8 | 172.8 | 172.8  | 172.8 | 172.8 | 172.8 | 170.9 |  |
| 45.0    | 169.0 | 168.0 | 167.1 | 166.1  | 164.2 | 163.3 | 160.4 | 157.6 |  |
| 67.5    | 157.6 | 156.6 | 155.7 | 153.8  | 151.9 | 150.9 | 149.0 | 148.1 |  |
| 90.0    | 146.2 | 145.2 | 143.3 | 142.4  | 141.4 | 140.5 | 141.4 | 142.4 |  |
| 112.5   | 142.4 | 141.4 | 140.5 | 138.6  | 137.6 | 137.6 | 136.7 | 135.7 |  |
| 135.0   | 134.8 | 133.8 | 133.8 | 132.9  | 132.9 | 135.7 | 135.7 | 135.7 |  |
| 157.5   | 135.7 | 132.9 | 133.8 | 135.7  | 135.7 | 133.8 | 131.9 | 130.0 |  |
| 180.0   | 129.1 | 129.1 | 128.1 | 127.2  | 126.2 | 125.3 | 126.2 | 127.2 |  |
| 202.5   | 128.1 | 129.1 | 128.1 | 127.2  | 126.2 | 125.3 | 124.3 | 123.4 |  |
| 225.0   | 121.5 | 121.5 | 122.4 | 124.3  | 125.3 | 126.2 | 126.2 | 126.2 |  |
| 247.5   | 129.1 | 139.5 | 141.4 | 154.7  | 152.8 | 152.8 | 152.8 | 152.8 |  |
| 270.0   | 153.8 | 155.7 | 156.6 | 157.6  | 158.5 | 160.4 | 163.3 | 167.1 |  |
| 292.5   | 170.9 | 173.7 | 175.6 | 176.5  | 177.5 | 176.5 | 175.6 | 175.6 |  |
| 315.0   | 175.6 | 176.5 | 176.5 | 175.6  | 169.0 | 163.3 | 159.5 | 158.5 |  |
| 337.5   | 157.6 | 154.7 | 151.9 | 151.9  | 151.9 | 152.8 | 152.8 | 152.8 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 639   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 151.9 | 150.9 | 150.9 | 150.9  | 150.9 | 150.9 | 150.0 | 150.9 |  |
| 22.5    | 153.8 | 160.4 | 163.3 | 165.2  | 166.1 | 169.0 | 171.8 | 174.6 |  |
| 45.0    | 174.6 | 148.1 | 147.1 | 147.1  | 144.3 | 143.3 | 142.4 | 141.4 |  |
| 67.5    | 140.5 | 138.6 | 136.7 | 135.7  | 134.8 | 133.8 | 132.9 | 131.9 |  |
| 90.0    | 131.0 | 129.1 | 129.1 | 129.1  | 127.2 | 126.2 | 125.3 | 124.3 |  |
| 112.5   | 123.4 | 122.4 | 119.6 | 118.6  | 117.7 | 117.7 | 116.7 | 116.7 |  |
| 135.0   | 117.7 | 117.7 | 117.7 | 118.6  | 119.6 | 120.5 | 120.5 | 122.4 |  |
| 157.5   | 123.4 | 123.4 | 121.5 | 121.5  | 121.5 | 122.4 | 122.4 | 122.4 |  |
| 180.0   | 122.4 | 121.5 | 120.5 | 119.6  | 118.6 | 117.7 | 117.7 | 116.7 |  |
| 202.5   | 115.8 | 114.9 | 114.9 | 114.9  | 113.9 | 112.0 | 112.0 | 111.1 |  |
| 225.0   | 113.9 | 113.0 | 114.9 | 113.0  | 113.9 | 113.9 | 115.8 | 122.4 |  |
| 247.5   | 125.3 | 125.3 | 127.2 | 128.1  | 138.6 | 138.6 | 138.6 | 138.6 |  |
| 270.0   | 138.6 | 138.6 | 140.5 | 140.5  | 139.5 | 138.6 | 137.6 | 136.7 |  |
| 292.5   | 134.8 | 132.9 | 132.9 | 134.8  | 135.7 | 136.7 | 138.6 | 142.4 |  |
| 315.0   | 146.2 | 169.9 | 175.6 | 177.5  | 169.0 | 165.2 | 162.3 | 160.4 |  |
| 337.5   | 159.5 | 157.6 | 155.7 | 153.8  | 152.8 | 150.9 | 150.9 | 152.8 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 642   | TILT: | 0     | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 128.1 | 128.1 | 128.1 | 127.2  | 128.1 | 130.0 | 147.1 | 146.2 |  |
| 22.5    | 150.9 | 161.4 | 163.3 | 166.1  | 169.0 | 169.0 | 169.9 | 169.9 |  |
| 45.0    | 169.9 | 171.8 | 173.7 | 174.6  | 174.6 | 173.7 | 147.1 | 137.6 |  |
| 67.5    | 135.7 | 133.8 | 132.9 | 130.0  | 129.1 | 128.1 | 127.2 | 127.2 |  |
| 90.0    | 125.3 | 126.2 | 126.2 | 125.3  | 123.4 | 122.4 | 122.4 | 121.5 |  |
| 112.5   | 119.6 | 119.6 | 113.9 | 113.0  | 113.0 | 114.9 | 113.0 | 113.0 |  |
| 135.0   | 113.0 | 113.0 | 112.0 | 114.9  | 114.9 | 113.0 | 111.1 | 110.1 |  |
| 157.5   | 111.1 | 112.0 | 112.0 | 113.0  | 113.9 | 113.9 | 115.8 | 115.8 |  |
| 180.0   | 117.7 | 119.6 | 119.6 | 119.6  | 120.5 | 120.5 | 120.5 | 120.5 |  |
| 202.5   | 120.5 | 116.7 | 117.7 | 116.7  | 115.8 | 114.9 | 112.0 | 110.1 |  |
| 225.0   | 110.1 | 110.1 | 111.1 | 112.0  | 113.0 | 113.9 | 114.9 | 115.8 |  |
| 247.5   | 118.6 | 121.5 | 121.5 | 122.4  | 125.3 | 124.3 | 125.3 | 125.3 |  |
| 270.0   | 125.3 | 125.3 | 125.3 | 127.2  | 127.2 | 129.1 | 128.1 | 128.1 |  |
| 292.5   | 131.9 | 131.9 | 129.1 | 131.0  | 133.8 | 134.8 | 141.4 | 142.4 |  |
| 315.0   | 146.2 | 149.0 | 175.6 | 178.4  | 177.5 | 174.6 | 173.7 | 169.9 |  |
| 337.5   | 167.1 | 154.7 | 150.0 | 140.5  | 135.7 | 136.7 | 132.9 | 131.0 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 642   | TILT: | -5    | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 108.2 | 109.2 | 110.1 | 110.1  | 108.2 | 108.2 | 108.2 | 107.3 |  |
| 22.5    | 108.2 | 109.2 | 110.1 | 113.0  | 113.9 | 114.9 | 115.8 | 113.9 |  |
| 45.0    | 113.0 | 111.1 | 103.5 | 103.5  | 102.5 | 104.4 | 103.5 | 104.4 |  |
| 67.5    | 104.4 | 105.4 | 106.3 | 107.3  | 111.1 | 112.0 | 109.2 | 109.2 |  |
| 90.0    | 108.2 | 107.3 | 107.3 | 106.3  | 106.3 | 105.4 | 104.4 | 103.5 |  |
| 112.5   | 101.6 | 100.6 | 100.6 | 99.7   | 98.7  | 97.8  | 96.8  | 94.9  |  |
| 135.0   | 94.0  | 94.0  | 96.8  | 96.8   | 96.8  | 94.9  | 94.0  | 94.0  |  |
| 157.5   | 94.0  | 94.0  | 94.0  | 94.0   | 94.0  | 94.9  | 95.9  | 96.8  |  |
| 180.0   | 97.8  | 98.7  | 99.7  | 98.7   | 97.8  | 97.8  | 95.9  | 96.8  |  |
| 202.5   | 94.9  | 94.0  | 93.0  | 93.0   | 94.0  | 94.0  | 94.9  | 94.9  |  |
| 225.0   | 95.9  | 97.8  | 97.8  | 100.6  | 100.6 | 99.7  | 98.7  | 99.7  |  |
| 247.5   | 100.6 | 101.6 | 102.5 | 104.4  | 105.4 | 106.3 | 107.3 | 107.3 |  |
| 270.0   | 108.2 | 108.2 | 107.3 | 106.3  | 105.4 | 104.4 | 105.4 | 105.4 |  |
| 292.5   | 105.4 | 106.3 | 107.3 | 108.2  | 108.2 | 107.3 | 106.3 | 106.3 |  |
| 315.0   | 106.3 | 107.3 | 107.3 | 107.3  | 107.3 | 108.2 | 109.2 | 110.1 |  |
| 337.5   | 110.1 | 110.1 | 109.2 | 108.2  | 103.5 | 104.4 | 105.4 | 106.3 |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 642   | TILT: | -10   | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 92.1  | 88.3  | 88.3  | 88.3   | 88.3  | 89.2  | 94.0  | 94.9  |  |
| 22.5    | 96.8  | 94.9  | 94.0  | 93.0   | 92.1  | 92.1  | 93.0  | 92.1  |  |
| 45.0    | 94.0  | 94.9  | 95.9  | 96.8   | 97.8  | 97.8  | 96.8  | 95.9  |  |
| 67.5    | 95.9  | 94.9  | 94.9  | 92.1   | 92.1  | 91.1  | 91.1  | 92.1  |  |
| 90.0    | 93.0  | 92.1  | 93.0  | 91.1   | 89.2  | 89.2  | 89.2  | 88.3  |  |
| 112.5   | 87.3  | 86.4  | 86.4  | 84.5   | 84.5  | 84.5  | 85.4  | 85.4  |  |
| 135.0   | 86.4  | 85.4  | 83.5  | 83.5   | 83.5  | 82.6  | 81.6  | 81.6  |  |
| 157.5   | 80.7  | 80.7  | 80.7  | 80.7   | 80.7  | 80.7  | 80.7  | 80.7  |  |
| 180.0   | 80.7  | 80.7  | 80.7  | 80.7   | 79.7  | 79.7  | 78.8  | 78.8  |  |
| 202.5   | 78.8  | 78.8  | 77.8  | 77.8   | 77.8  | 77.8  | 77.8  | 77.8  |  |
| 225.0   | 77.8  | 77.8  | 79.7  | 81.6   | 82.6  | 83.5  | 84.5  | 85.4  |  |
| 247.5   | 86.4  | 87.3  | 89.2  | 90.2   | 90.2  | 90.2  | 89.2  | 89.2  |  |
| 270.0   | 89.2  | 89.2  | 90.2  | 91.1   | 92.1  | 93.0  | 94.0  | 94.0  |  |
| 292.5   | 94.0  | 93.0  | 94.0  | 93.0   | 93.0  | 93.0  | 94.0  | 93.0  |  |
| 315.0   | 93.0  | 98.7  | 99.7  | 100.6  | 101.6 | 102.5 | 103.5 | 102.5 |  |
| 337.5   | 101.6 | 101.6 | 101.6 | 100.6  | 98.7  | 97.8  | 95.9  | 94.0  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 642   | TILT: | -15   | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 82.6  | 82.6  | 83.5  | 81.6   | 81.6  | 81.6  | 81.6  | 83.5  |  |
| 22.5    | 86.4  | 85.4  | 85.4  | 85.4   | 85.4  | 85.4  | 86.4  | 86.4  |  |
| 45.0    | 86.4  | 85.4  | 84.5  | 82.6   | 81.6  | 77.8  | 77.8  | 77.8  |  |
| 67.5    | 78.8  | 78.8  | 79.7  | 80.7   | 81.6  | 79.7  | 79.7  | 78.8  |  |
| 90.0    | 78.8  | 77.8  | 78.8  | 78.8   | 79.7  | 77.8  | 76.9  | 75.9  |  |
| 112.5   | 74.0  | 75.0  | 75.0  | 75.0   | 75.9  | 75.0  | 74.0  | 74.0  |  |
| 135.0   | 72.1  | 70.2  | 70.2  | 70.2   | 70.2  | 70.2  | 70.2  | 71.2  |  |
| 157.5   | 71.2  | 72.1  | 72.1  | 72.1   | 71.2  | 72.1  | 72.1  | 71.2  |  |
| 180.0   | 70.2  | 69.3  | 68.3  | 68.3   | 68.3  | 67.4  | 66.4  | 65.5  |  |
| 202.5   | 65.5  | 66.4  | 67.4  | 68.3   | 68.3  | 69.3  | 70.2  | 70.2  |  |
| 225.0   | 69.3  | 67.4  | 67.4  | 67.4   | 68.3  | 68.3  | 67.4  | 68.3  |  |
| 247.5   | 69.3  | 70.2  | 71.2  | 71.2   | 73.1  | 75.0  | 76.9  | 76.9  |  |
| 270.0   | 75.9  | 75.9  | 75.9  | 76.9   | 77.8  | 77.8  | 78.8  | 78.8  |  |
| 292.5   | 78.8  | 78.8  | 78.8  | 78.8   | 79.7  | 78.8  | 78.8  | 80.7  |  |
| 315.0   | 83.5  | 84.5  | 84.5  | 84.5   | 84.5  | 84.5  | 83.5  | 83.5  |  |
| 337.5   | 83.5  | 85.4  | 85.4  | 86.4   | 85.4  | 84.5  | 83.5  | 82.6  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 642   | TILT: | -20   | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 67.4  | 67.4  | 67.4  | 67.4   | 69.3  | 69.3  | 69.3  | 68.3  |  |
| 22.5    | 68.3  | 68.3  | 68.3  | 69.3   | 69.3  | 69.3  | 69.3  | 70.2  |  |
| 45.0    | 70.2  | 70.2  | 70.2  | 70.2   | 69.3  | 68.3  | 67.4  | 67.4  |  |
| 67.5    | 67.4  | 68.3  | 68.3  | 67.4   | 66.4  | 66.4  | 65.5  | 65.5  |  |
| 90.0    | 64.5  | 64.5  | 63.6  | 63.6   | 64.5  | 64.5  | 64.5  | 64.5  |  |
| 112.5   | 64.5  | 64.5  | 64.5  | 65.5   | 66.4  | 66.4  | 65.5  | 65.5  |  |
| 135.0   | 64.5  | 64.5  | 64.5  | 63.6   | 63.6  | 63.6  | 64.5  | 63.6  |  |
| 157.5   | 62.6  | 62.6  | 61.7  | 61.7   | 60.7  | 59.8  | 58.8  | 58.8  |  |
| 180.0   | 58.8  | 58.8  | 58.8  | 59.8   | 59.8  | 59.8  | 59.8  | 60.7  |  |
| 202.5   | 60.7  | 59.8  | 60.7  | 60.7   | 60.7  | 59.8  | 60.7  | 60.7  |  |
| 225.0   | 60.7  | 59.8  | 59.8  | 60.7   | 61.7  | 61.7  | 62.6  | 62.6  |  |
| 247.5   | 62.6  | 62.6  | 61.7  | 61.7   | 62.6  | 63.6  | 63.6  | 64.5  |  |
| 270.0   | 64.5  | 63.6  | 64.5  | 65.5   | 65.5  | 65.5  | 65.5  | 66.4  |  |
| 292.5   | 67.4  | 68.3  | 68.3  | 68.3   | 67.4  | 67.4  | 68.3  | 69.3  |  |
| 315.0   | 69.3  | 69.3  | 69.3  | 68.3   | 68.3  | 68.3  | 67.4  | 67.4  |  |
| 337.5   | 68.3  | 68.3  | 68.3  | 68.3   | 69.3  | 69.3  | 68.3  | 67.4  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 642   | TILT: | -25   | RANGE: | 225.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 57.9  | 57.9  | 57.9  | 57.0   | 57.0  | 57.0  | 57.0  | 56.0  |  |
| 22.5    | 56.0  | 56.0  | 56.0  | 55.1   | 55.1  | 55.1  | 55.1  | 54.1  |  |
| 45.0    | 54.1  | 54.1  | 54.1  | 54.1   | 54.1  | 56.0  | 56.0  | 55.1  |  |
| 67.5    | 55.1  | 54.1  | 53.2  | 53.2   | 53.2  | 54.1  | 55.1  | 54.1  |  |
| 90.0    | 54.1  | 54.1  | 54.1  | 53.2   | 52.2  | 52.2  | 51.3  | 51.3  |  |
| 112.5   | 51.3  | 51.3  | 50.3  | 50.3   | 51.3  | 51.3  | 52.2  | 51.3  |  |
| 135.0   | 51.3  | 51.3  | 51.3  | 52.2   | 52.2  | 52.2  | 51.3  | 50.3  |  |
| 157.5   | 50.3  | 50.3  | 50.3  | 50.3   | 50.3  | 50.3  | 49.4  | 49.4  |  |
| 180.0   | 49.4  | 49.4  | 48.4  | 49.4   | 50.3  | 50.3  | 50.3  | 50.3  |  |
| 202.5   | 50.3  | 50.3  | 51.3  | 51.3   | 51.3  | 51.3  | 52.2  | 52.2  |  |
| 225.0   | 51.3  | 51.3  | 50.3  | 50.3   | 50.3  | 51.3  | 51.3  | 51.3  |  |
| 247.5   | 51.3  | 51.3  | 50.3  | 50.3   | 50.3  | 50.3  | 50.3  | 50.3  |  |
| 270.0   | 50.3  | 51.3  | 51.3  | 52.2   | 52.2  | 52.2  | 53.2  | 53.2  |  |
| 292.5   | 53.2  | 54.1  | 55.1  | 55.1   | 54.1  | 53.2  | 52.2  | 53.2  |  |
| 315.0   | 54.1  | 55.1  | 55.1  | 55.1   | 55.1  | 56.0  | 56.0  | 56.0  |  |
| 337.5   | 57.0  | 57.0  | 57.9  | 57.9   | 57.9  | 57.9  | 58.8  | 57.9  |  |



| DEPTH:  | 642   | TILT: | -30   | RANGE: | 225.0 | VOS:  | 5958  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 45.6  | 45.6  | 46.5  | 47.5   | 47.5  | 47.5  | 46.5  | 46.5  |  |
| 22.5    | 46.5  | 46.5  | 46.5  | 46.5   | 46.5  | 46.5  | 46.5  | 46.5  |  |
| 45.0    | 45.6  | 46.5  | 45.6  | 45.6   | 44.6  | 45.6  | 46.5  | 45.6  |  |
| 67.5    | 44.6  | 43.7  | 43.7  | 43.7   | 43.7  | 43.7  | 43.7  | 43.7  |  |
| 90.0    | 44.6  | 44.6  | 44.6  | 44.6   | 44.6  | 44.6  | 43.7  | 42.7  |  |
| 112.5   | 42.7  | 42.7  | 43.7  | 43.7   | 42.7  | 42.7  | 41.8  | 41.8  |  |
| 135.0   | 41.8  | 42.7  | 42.7  | 42.7   | 42.7  | 42.7  | 42.7  | 42.7  |  |
| 157.5   | 42.7  | 41.8  | 40.8  | 40.8   | 40.8  | 40.8  | 40.8  | 40.8  |  |
| 180.0   | 40.8  | 41.8  | 41.8  | 41.8   | 41.8  | 41.8  | 41.8  | 40.8  |  |
| 202.5   | 40.8  | 40.8  | 40.8  | 41.8   | 41.8  | 41.8  | 41.8  | 41.8  |  |
| 225.0   | 41.8  | 41.8  | 41.8  | 41.8   | 42.7  | 42.7  | 42.7  | 41.8  |  |
| 247.5   | 42.7  | 43.7  | 42.7  | 43.7   | 43.7  | 43.7  | 43.7  | 43.7  |  |
| 270.0   | 43.7  | 44.6  | 44.6  | 44.6   | 44.6  | 44.6  | 45.6  | 45.6  |  |
| 292.5   | 45.6  | 44.6  | 44.6  | 44.6   | 44.6  | 44.6  | 44.6  | 45.6  |  |
| 315.0   | 45.6  | 45.6  | 45.6  | 46.5   | 45.6  | 45.6  | 45.6  | 45.6  |  |
| 337.5   | 46.5  | 46.5  | 46.5  | 47.5   | 47.5  | 46.5  | 46.5  | 46.5  |  |

| DEPTH:  | 642   | TILT: | -40   | RANGE: | 225.0 | VOS:  | 5958  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 30.4  | 30.4  | 30.4  | 30.4   | 31.3  | 32.3  | 33.2  | 33.2  |  |
| 22.5    | 33.2  | 32.3  | 32.3  | 32.3   | 32.3  | 32.3  | 32.3  | 32.3  |  |
| 45.0    | 33.2  | 33.2  | 34.2  | 33.2   | 33.2  | 33.2  | 34.2  | 34.2  |  |
| 67.5    | 34.2  | 33.2  | 33.2  | 34.2   | 33.2  | 33.2  | 33.2  | 33.2  |  |
| 90.0    | 32.3  | 33.2  | 33.2  | 32.3   | 32.3  | 34.2  | 34.2  | 32.3  |  |
| 112.5   | 31.3  | 32.3  | 32.3  | 32.3   | 32.3  | 32.3  | 32.3  | 33.2  |  |
| 135.0   | 33.2  | 33.2  | 33.2  | 33.2   | 32.3  | 32.3  | 32.3  | 32.3  |  |
| 157.5   | 32.3  | 33.2  | 33.2  | 33.2   | 33.2  | 33.2  | 32.3  | 32.3  |  |
| 180.0   | 32.3  | 32.3  | 33.2  | 33.2   | 33.2  | 33.2  | 33.2  | 32.3  |  |
| 202.5   | 32.3  | 32.3  | 32.3  | 32.3   | 31.3  | 31.3  | 31.3  | 32.3  |  |
| 225.0   | 32.3  | 32.3  | 32.3  | 32.3   | 32.3  | 33.2  | 33.2  | 32.3  |  |
| 247.5   | 32.3  | 32.3  | 32.3  | 32.3   | 31.3  | 31.3  | 31.3  | 31.3  |  |
| 270.0   | 30.4  | 30.4  | 30.4  | 30.4   | 30.4  | 30.4  | 30.4  | 29.4  |  |
| 292.5   | 29.4  | 28.5  | 28.5  | 27.5   | 27.5  | 26.6  | 26.6  | 27.5  |  |
| 315.0   | 27.5  | 27.5  | 27.5  | 26.6   | 26.6  | 26.6  | 27.5  | 27.5  |  |
| 337.5   | 28.5  | 28.5  | 28.5  | 29.4   | 29.4  | 29.4  | 29.4  | 29.4  |  |

| DEPTH:  | 642   | TILT: | -50   | RANGE: | 225.0 | VOS:  | 5958  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 25.6  | 25.6  | 25.6  | 26.6   | 26.6  | 26.6  | 27.5  | 27.5  |  |
| 22.5    | 27.5  | 26.6  | 26.6  | 26.6   | 26.6  | 26.6  | 26.6  | 26.6  |  |
| 45.0    | 26.6  | 26.6  | 26.6  | 25.6   | 25.6  | 25.6  | 25.6  | 25.6  |  |
| 67.5    | 26.6  | 26.6  | 26.6  | 26.6   | 26.6  | 26.6  | 26.6  | 26.6  |  |
| 90.0    | 25.6  | 25.6  | 25.6  | 25.6   | 25.6  | 25.6  | 25.6  | 25.6  |  |
| 112.5   | 25.6  | 25.6  | 25.6  | 24.7   | 24.7  | 25.6  | 25.6  | 25.6  |  |
| 135.0   | 25.6  | 25.6  | 25.6  | 25.6   | 25.6  | 25.6  | 25.6  | 25.6  |  |
| 157.5   | 25.6  | 25.6  | 25.6  | 25.6   | 25.6  | 25.6  | 25.6  | 25.6  |  |
| 180.0   | 25.6  | 25.6  | 25.6  | 25.6   | 25.6  | 25.6  | 25.6  | 25.6  |  |
| 202.5   | 25.6  | 25.6  | 25.6  | 24.7   | 24.7  | 24.7  | 24.7  | 24.7  |  |
| 225.0   | 25.6  | 25.6  | 25.6  | 25.6   | 25.6  | 25.6  | 25.6  | 24.7  |  |
| 247.5   | 24.7  | 24.7  | 24.7  | 25.6   | 25.6  | 25.6  | 25.6  | 25.6  |  |
| 270.0   | 25.6  | 26.6  | 26.6  | 26.6   | 26.6  | 26.6  | 26.6  | 26.6  |  |
| 292.5   | 25.6  | 25.6  | 25.6  | 25.6   | 25.6  | 25.6  | 26.6  | 26.6  |  |
| 315.0   | 26.6  | 26.6  | 26.6  | 26.6   | 26.6  | 26.6  | 26.6  | 25.6  |  |
| 337.5   | 25.6  | 25.6  | 25.6  | 25.6   | 25.6  | 24.7  | 24.7  | 25.6  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 642   | TILT: | -60   | RANGE: | 75.0  | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 21.5  | 21.5  | 21.5  | 21.8   | 21.5  | 21.5  | 21.8  | 21.8  |  |
| 22.5    | 21.8  | 21.8  | 21.5  | 21.5   | 21.5  | 21.5  | 21.2  | 21.5  |  |
| 45.0    | 21.5  | 21.5  | 21.2  | 21.2   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 67.5    | 20.9  | 20.6  | 20.6  | 20.6   | 20.6  | 20.6  | 20.2  | 19.9  |  |
| 90.0    | 19.9  | 19.6  | 19.6  | 19.6   | 19.3  | 19.3  | 19.3  | 19.3  |  |
| 112.5   | 19.3  | 19.6  | 19.6  | 19.9   | 19.6  | 19.0  | 19.0  | 19.0  |  |
| 135.0   | 19.0  | 18.7  | 18.7  | 19.3   | 19.3  | 19.6  | 19.6  | 19.3  |  |
| 157.5   | 19.9  | 20.2  | 20.2  | 19.9   | 20.2  | 20.2  | 22.1  | 21.5  |  |
| 180.0   | 21.5  | 21.8  | 21.8  | 21.8   | 21.5  | 20.9  | 19.6  | 19.6  |  |
| 202.5   | 19.9  | 19.6  | 19.6  | 19.3   | 19.3  | 19.3  | 19.3  | 19.3  |  |
| 225.0   | 19.3  | 19.0  | 19.3  | 19.3   | 19.3  | 19.3  | 19.6  | 19.6  |  |
| 247.5   | 19.3  | 19.0  | 19.0  | 19.0   | 19.0  | 19.0  | 19.0  | 19.0  |  |
| 270.0   | 19.0  | 19.0  | 19.0  | 19.0   | 19.0  | 19.0  | 19.0  | 19.0  |  |
| 292.5   | 19.0  | 19.0  | 19.0  | 18.7   | 18.7  | 19.0  | 19.3  | 19.0  |  |
| 315.0   | 19.3  | 19.3  | 19.3  | 19.3   | 19.3  | 19.3  | 19.6  | 19.6  |  |
| 337.5   | 19.6  | 19.3  | 19.6  | 19.9   | 19.3  | 20.6  | 20.6  | 21.2  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 642   | TILT: | -70   | RANGE: | 75.0  | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 20.2  | 20.6  | 20.6  | 20.6   | 20.9  | 20.6  | 20.6  | 20.6  |  |
| 22.5    | 20.2  | 20.2  | 20.2  | 20.2   | 20.6  | 20.6  | 20.6  | 20.2  |  |
| 45.0    | 20.2  | 20.2  | 20.2  | 20.2   | 20.2  | 20.2  | 20.6  | 20.2  |  |
| 67.5    | 20.9  | 20.9  | 20.9  | 21.2   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 90.0    | 20.9  | 20.9  | 20.6  | 20.9   | 20.6  | 20.2  | 20.2  | 20.6  |  |
| 112.5   | 20.6  | 20.6  | 20.6  | 20.2   | 20.2  | 20.2  | 19.9  | 19.9  |  |
| 135.0   | 19.9  | 19.9  | 19.6  | 20.2   | 20.2  | 20.6  | 19.9  | 19.6  |  |
| 157.5   | 19.6  | 19.6  | 19.6  | 19.9   | 19.6  | 19.3  | 19.3  | 19.3  |  |
| 180.0   | 19.3  | 19.3  | 19.0  | 19.0   | 19.3  | 19.3  | 19.0  | 19.0  |  |
| 202.5   | 19.0  | 19.0  | 19.0  | 19.0   | 19.0  | 19.0  | 19.3  | 19.0  |  |
| 225.0   | 19.0  | 19.0  | 19.0  | 19.0   | 19.0  | 19.0  | 19.0  | 19.0  |  |
| 247.5   | 19.0  | 19.0  | 19.0  | 19.0   | 19.3  | 19.0  | 19.0  | 19.0  |  |
| 270.0   | 19.0  | 19.0  | 19.0  | 19.0   | 19.0  | 19.0  | 19.0  | 19.0  |  |
| 292.5   | 19.0  | 19.0  | 19.0  | 19.0   | 19.0  | 19.0  | 19.0  | 19.3  |  |
| 315.0   | 19.3  | 19.0  | 19.0  | 19.3   | 19.3  | 19.6  | 19.6  | 19.6  |  |
| 337.5   | 19.9  | 19.9  | 19.9  | 20.2   | 20.2  | 20.6  | 20.6  | 20.6  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 642   | TILT: | -90   | RANGE: | 75.0  | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 22.5    | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 45.0    | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 67.5    | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 90.0    | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 112.5   | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 135.0   | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 157.5   | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 180.0   | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 202.5   | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 225.0   | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 247.5   | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 270.0   | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 292.5   | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 315.0   | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |
| 337.5   | 20.9  | 20.9  | 20.9  | 20.9   | 20.9  | 20.9  | 20.9  | 20.9  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 540   | TILT: | 89    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 22.5    | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 45.0    | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 67.5    | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 90.0    | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 112.5   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 135.0   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 157.5   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 180.0   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.3  | 33.3  | 33.3  |  |
| 202.5   | 33.3  | 33.3  | 33.3  | 33.3   | 33.3  | 33.3  | 33.3  | 33.3  |  |
| 225.0   | 32.9  | 32.9  | 32.5  | 32.5   | 32.9  | 33.3  | 33.8  | 33.8  |  |
| 247.5   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 270.0   | 33.8  | 33.3  | 33.3  | 33.3   | 33.8  | 33.8  | 33.8  | 33.3  |  |
| 292.5   | 33.3  | 33.3  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 315.0   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 337.5   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 540   | TILT: | 85    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 33.8  | 33.8  | 33.8  | 33.3   | 33.3  | 33.8  | 33.8  | 33.8  |  |
| 22.5    | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 34.2  |  |
| 45.0    | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 67.5    | 33.8  | 33.8  | 33.8  | 34.2   | 34.2  | 34.2  | 34.2  | 34.6  |  |
| 90.0    | 34.6  | 34.6  | 34.2  | 34.2   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 112.5   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 135.0   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 31.6  |  |
| 157.5   | 31.6  | 31.6  | 31.6  | 31.6   | 31.6  | 31.6  | 32.1  | 31.6  |  |
| 180.0   | 30.8  | 30.8  | 30.8  | 30.8   | 30.8  | 31.2  | 31.2  | 30.8  |  |
| 202.5   | 30.8  | 30.8  | 30.8  | 30.8   | 30.8  | 30.8  | 30.8  | 30.8  |  |
| 225.0   | 30.8  | 30.8  | 30.8  | 30.8   | 30.8  | 30.8  | 30.8  | 31.2  |  |
| 247.5   | 31.2  | 30.8  | 30.4  | 30.4   | 30.8  | 30.8  | 30.8  | 30.8  |  |
| 270.0   | 30.8  | 30.8  | 30.8  | 31.2   | 31.2  | 31.2  | 30.8  | 30.8  |  |
| 292.5   | 30.8  | 30.8  | 30.8  | 30.8   | 30.8  | 31.2  | 31.2  | 33.3  |  |
| 315.0   | 33.3  | 33.3  | 33.3  | 33.3   | 33.3  | 33.3  | 33.8  | 33.8  |  |
| 337.5   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.8  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 540   | TILT: | 80    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 34.2  | 34.2  | 34.2  | 33.8   | 33.8  | 34.2  | 34.2  | 34.6  |  |
| 22.5    | 34.2  | 34.2  | 34.2  | 34.6   | 33.8  | 33.8  | 35.0  | 35.0  |  |
| 45.0    | 35.0  | 35.0  | 33.8  | 35.0   | 33.8  | 33.8  | 33.8  | 33.8  |  |
| 67.5    | 35.0  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 34.2  | 34.2  |  |
| 90.0    | 34.2  | 34.2  | 34.2  | 33.8   | 33.8  | 33.8  | 33.8  | 34.2  |  |
| 112.5   | 34.2  | 33.8  | 33.8  | 33.8   | 34.2  | 34.2  | 34.2  | 34.2  |  |
| 135.0   | 34.2  | 33.8  | 33.8  | 34.2   | 34.2  | 35.0  | 30.8  | 30.8  |  |
| 157.5   | 30.8  | 30.8  | 30.8  | 30.8   | 30.8  | 30.8  | 30.8  | 30.8  |  |
| 180.0   | 30.8  | 30.8  | 31.2  | 30.8   | 31.2  | 31.2  | 31.2  | 31.2  |  |
| 202.5   | 31.2  | 31.2  | 31.2  | 30.8   | 30.8  | 31.2  | 31.2  | 31.2  |  |
| 225.0   | 31.2  | 31.2  | 31.2  | 31.2   | 31.2  | 31.2  | 31.2  | 31.2  |  |
| 247.5   | 31.2  | 31.2  | 31.2  | 31.2   | 31.2  | 31.2  | 31.2  | 31.2  |  |
| 270.0   | 31.2  | 32.1  | 30.8  | 30.8   | 30.8  | 30.8  | 30.8  | 31.2  |  |
| 292.5   | 30.8  | 31.2  | 30.8  | 30.8   | 30.8  | 31.2  | 31.6  | 31.6  |  |
| 315.0   | 31.6  | 31.6  | 31.2  | 31.2   | 31.6  | 31.6  | 31.2  | 31.6  |  |
| 337.5   | 31.6  | 31.6  | 31.6  | 31.6   | 33.8  | 33.8  | 33.8  | 33.8  |  |

| DEPTH:  | 540   | TILT: | 75    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 34.2  | 34.2  | 34.2  | 34.2   | 34.2  | 34.2  | 34.2  | 34.2  |  |
| 22.5    | 34.2  | 35.0  | 34.2  | 34.2   | 34.2  | 34.2  | 34.2  | 34.2  |  |
| 45.0    | 34.6  | 34.6  | 34.6  | 34.2   | 34.2  | 34.2  | 34.2  | 34.2  |  |
| 67.5    | 34.2  | 34.2  | 34.2  | 34.2   | 34.2  | 34.2  | 33.8  | 33.8  |  |
| 90.0    | 33.8  | 34.2  | 34.2  | 34.2   | 34.2  | 34.2  | 34.2  | 33.8  |  |
| 112.5   | 33.8  | 33.8  | 35.0  | 34.2   | 34.2  | 34.2  | 34.2  | 34.2  |  |
| 135.0   | 34.2  | 34.2  | 31.2  | 31.2   | 31.2  | 31.2  | 31.2  | 31.2  |  |
| 157.5   | 31.2  | 31.2  | 31.2  | 31.2   | 31.2  | 31.2  | 31.2  | 31.6  |  |
| 180.0   | 32.5  | 31.2  | 31.2  | 32.5   | 31.6  | 31.6  | 31.6  | 31.6  |  |
| 202.5   | 31.6  | 31.6  | 31.6  | 31.6   | 31.6  | 31.6  | 31.6  | 31.6  |  |
| 225.0   | 32.1  | 32.1  | 32.1  | 32.1   | 32.1  | 32.1  | 31.6  | 31.6  |  |
| 247.5   | 31.6  | 31.6  | 32.1  | 32.1   | 32.1  | 32.1  | 32.1  | 32.1  |  |
| 270.0   | 31.6  | 31.6  | 31.6  | 32.1   | 31.6  | 31.6  | 31.6  | 31.6  |  |
| 292.5   | 31.6  | 31.2  | 31.2  | 31.2   | 31.2  | 31.2  | 31.2  | 31.6  |  |
| 315.0   | 31.2  | 31.2  | 33.8  | 32.5   | 32.9  | 33.8  | 33.8  | 33.8  |  |
| 337.5   | 35.0  | 35.0  | 33.8  | 34.2   | 34.2  | 33.8  | 34.2  | 33.8  |  |

| DEPTH:  | 540   | TILT: | 70    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 34.6  | 34.6  | 34.6  | 34.6   | 34.6  | 34.6  | 34.6  | 35.0  |  |
| 22.5    | 35.0  | 35.0  | 35.0  | 35.0   | 35.0  | 34.6  | 35.0  | 34.6  |  |
| 45.0    | 34.6  | 34.6  | 35.0  | 34.6   | 34.6  | 34.6  | 35.0  | 34.6  |  |
| 67.5    | 34.6  | 35.0  | 34.6  | 34.2   | 34.2  | 34.2  | 34.2  | 33.3  |  |
| 90.0    | 33.3  | 33.3  | 33.3  | 33.3   | 33.3  | 33.3  | 32.9  | 33.3  |  |
| 112.5   | 33.3  | 33.3  | 33.8  | 33.8   | 33.8  | 33.8  | 34.2  | 34.2  |  |
| 135.0   | 34.2  | 34.6  | 32.9  | 32.9   | 32.5  | 33.3  | 33.3  | 32.9  |  |
| 157.5   | 32.5  | 32.1  | 32.1  | 32.5   | 32.1  | 32.1  | 32.1  | 32.5  |  |
| 180.0   | 32.5  | 32.9  | 32.5  | 32.5   | 32.5  | 32.9  | 32.5  | 32.5  |  |
| 202.5   | 32.5  | 32.5  | 32.5  | 32.5   | 32.9  | 32.9  | 32.5  | 32.9  |  |
| 225.0   | 33.3  | 33.3  | 33.3  | 33.3   | 33.3  | 33.3  | 33.3  | 33.3  |  |
| 247.5   | 32.9  | 32.9  | 32.9  | 32.9   | 32.9  | 32.9  | 32.9  | 32.9  |  |
| 270.0   | 32.9  | 32.9  | 32.9  | 33.3   | 32.5  | 32.5  | 32.5  | 32.5  |  |
| 292.5   | 32.5  | 32.5  | 32.5  | 32.5   | 32.5  | 32.5  | 31.6  | 32.1  |  |
| 315.0   | 32.1  | 32.1  | 33.3  | 33.3   | 33.3  | 33.3  | 33.8  | 34.2  |  |
| 337.5   | 34.2  | 34.2  | 34.2  | 34.2   | 34.2  | 34.2  | 34.2  | 34.6  |  |

| DEPTH:  | 540   | TILT: | 65    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 35.4  | 35.4  | 35.4  | 35.9   | 35.9  | 35.9  | 35.9  | 36.3  |  |
| 22.5    | 36.7  | 36.7  | 36.3  | 35.9   | 36.3  | 35.9  | 36.7  | 36.7  |  |
| 45.0    | 37.1  | 37.1  | 36.7  | 36.3   | 35.4  | 36.3  | 35.9  | 35.4  |  |
| 67.5    | 35.0  | 34.6  | 34.6  | 34.6   | 34.2  | 34.2  | 34.2  | 33.8  |  |
| 90.0    | 33.3  | 33.3  | 32.9  | 32.9   | 32.9  | 32.9  | 32.9  | 32.9  |  |
| 112.5   | 33.3  | 33.3  | 33.3  | 33.3   | 34.2  | 34.6  | 34.6  | 35.0  |  |
| 135.0   | 35.0  | 34.2  | 34.2  | 33.3   | 33.3  | 32.9  | 34.2  | 33.8  |  |
| 157.5   | 33.3  | 33.8  | 33.8  | 33.8   | 33.3  | 33.3  | 33.8  | 33.8  |  |
| 180.0   | 33.8  | 34.2  | 34.2  | 33.8   | 33.8  | 33.8  | 34.2  | 34.2  |  |
| 202.5   | 34.2  | 34.2  | 34.2  | 33.8   | 34.2  | 34.2  | 34.2  | 34.6  |  |
| 225.0   | 34.2  | 34.6  | 34.6  | 34.6   | 34.6  | 35.0  | 34.2  | 34.2  |  |
| 247.5   | 34.2  | 34.6  | 34.2  | 34.2   | 34.2  | 34.6  | 33.8  | 34.2  |  |
| 270.0   | 34.6  | 34.6  | 34.2  | 33.3   | 35.4  | 33.8  | 33.8  | 33.8  |  |
| 292.5   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 33.8  | 33.3  |  |
| 315.0   | 33.3  | 33.3  | 33.3  | 34.2   | 34.2  | 34.2  | 35.4  | 35.4  |  |
| 337.5   | 35.4  | 35.4  | 35.0  | 35.0   | 35.0  | 35.0  | 35.0  | 35.0  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 540   | TILT: | 60    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 35.9  | 36.3  | 36.3  | 37.1   | 37.5  | 38.0  | 38.4  | 38.4  |  |
| 22.5    | 38.4  | 38.4  | 38.4  | 39.7   | 40.5  | 40.1  | 39.7  | 39.2  |  |
| 45.0    | 38.0  | 38.4  | 38.8  | 38.8   | 39.2  | 39.2  | 38.4  | 37.5  |  |
| 67.5    | 37.5  | 36.3  | 35.9  | 35.4   | 34.2  | 34.2  | 34.2  | 34.2  |  |
| 90.0    | 34.2  | 33.8  | 33.8  | 33.8   | 33.3  | 33.3  | 33.8  | 34.2  |  |
| 112.5   | 34.2  | 34.2  | 34.2  | 34.2   | 34.2  | 34.2  | 34.6  | 35.0  |  |
| 135.0   | 35.4  | 35.9  | 37.5  | 38.0   | 35.0  | 34.6  | 35.0  | 35.0  |  |
| 157.5   | 35.0  | 35.4  | 34.6  | 34.2   | 34.6  | 35.9  | 35.4  | 35.9  |  |
| 180.0   | 35.9  | 35.9  | 35.4  | 35.4   | 35.4  | 35.9  | 36.3  | 36.3  |  |
| 202.5   | 35.9  | 35.9  | 36.3  | 36.3   | 36.3  | 35.9  | 35.9  | 36.3  |  |
| 225.0   | 37.1  | 36.7  | 36.3  | 36.3   | 35.9  | 35.9  | 36.3  | 36.7  |  |
| 247.5   | 36.7  | 36.3  | 36.3  | 36.3   | 36.3  | 36.3  | 36.7  | 36.7  |  |
| 270.0   | 36.7  | 36.3  | 36.3  | 36.3   | 35.9  | 35.4  | 35.9  | 36.3  |  |
| 292.5   | 35.9  | 37.1  | 36.3  | 36.3   | 35.4  | 35.4  | 33.8  | 33.8  |  |
| 315.0   | 33.8  | 33.8  | 33.8  | 33.8   | 33.8  | 33.8  | 36.7  | 35.9  |  |
| 337.5   | 36.7  | 37.1  | 36.3  | 35.9   | 35.9  | 35.9  | 35.4  | 35.4  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 540   | TILT: | 55    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 36.7  | 37.1  | 38.8  | 39.7   | 40.1  | 40.1  | 40.5  | 40.1  |  |
| 22.5    | 40.5  | 41.3  | 42.2  | 42.6   | 42.6  | 43.0  | 43.5  | 42.2  |  |
| 45.0    | 42.2  | 41.3  | 41.8  | 42.2   | 42.2  | 40.9  | 40.5  | 39.7  |  |
| 67.5    | 38.8  | 38.4  | 38.0  | 37.5   | 37.5  | 36.7  | 36.3  | 36.3  |  |
| 90.0    | 35.4  | 35.4  | 35.0  | 35.0   | 35.0  | 35.4  | 35.0  | 35.0  |  |
| 112.5   | 35.4  | 35.9  | 36.3  | 36.3   | 35.9  | 36.7  | 36.7  | 37.1  |  |
| 135.0   | 38.4  | 37.5  | 37.1  | 37.1   | 37.1  | 37.1  | 37.1  | 37.1  |  |
| 157.5   | 37.1  | 37.1  | 38.0  | 37.5   | 37.5  | 37.5  | 38.4  | 38.0  |  |
| 180.0   | 38.0  | 38.0  | 38.4  | 38.8   | 37.5  | 37.5  | 37.5  | 37.1  |  |
| 202.5   | 38.0  | 37.1  | 38.0  | 38.4   | 38.4  | 38.4  | 38.8  | 38.8  |  |
| 225.0   | 39.2  | 39.2  | 39.2  | 38.8   | 38.0  | 38.0  | 38.0  | 38.4  |  |
| 247.5   | 38.4  | 38.4  | 38.0  | 38.4   | 38.0  | 39.2  | 38.4  | 38.4  |  |
| 270.0   | 38.4  | 38.0  | 37.5  | 38.4   | 38.4  | 37.5  | 37.5  | 38.0  |  |
| 292.5   | 38.0  | 38.0  | 37.5  | 37.5   | 37.1  | 37.1  | 38.0  | 37.5  |  |
| 315.0   | 37.5  | 38.0  | 37.5  | 37.1   | 37.1  | 36.7  | 40.5  | 39.7  |  |
| 337.5   | 40.9  | 39.2  | 36.3  | 36.3   | 36.3  | 35.9  | 36.3  | 36.7  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 540   | TILT: | 50    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 40.5  | 40.5  | 44.7  | 44.7   | 45.1  | 45.6  | 45.6  | 45.1  |  |
| 22.5    | 45.1  | 45.6  | 43.9  | 43.5   | 43.0  | 42.2  | 42.2  | 41.8  |  |
| 45.0    | 41.8  | 41.3  | 42.2  | 42.2   | 42.2  | 42.2  | 42.6  | 42.6  |  |
| 67.5    | 42.2  | 42.2  | 40.9  | 39.2   | 38.8  | 38.0  | 38.0  | 38.0  |  |
| 90.0    | 37.5  | 37.5  | 37.5  | 36.7   | 36.7  | 36.7  | 36.7  | 37.1  |  |
| 112.5   | 38.0  | 38.8  | 39.2  | 39.2   | 39.7  | 39.7  | 40.1  | 40.5  |  |
| 135.0   | 40.5  | 40.1  | 39.7  | 38.4   | 38.4  | 38.4  | 38.0  | 38.4  |  |
| 157.5   | 38.8  | 39.7  | 40.1  | 40.5   | 39.7  | 39.7  | 39.7  | 40.5  |  |
| 180.0   | 40.5  | 40.5  | 40.9  | 40.5   | 40.9  | 40.5  | 40.1  | 40.1  |  |
| 202.5   | 40.5  | 40.9  | 40.9  | 40.9   | 40.9  | 40.9  | 40.9  | 40.9  |  |
| 225.0   | 41.3  | 40.9  | 41.8  | 42.2   | 41.8  | 41.8  | 41.8  | 40.9  |  |
| 247.5   | 40.9  | 40.5  | 40.5  | 40.9   | 40.9  | 41.3  | 40.9  | 40.9  |  |
| 270.0   | 40.9  | 40.9  | 40.5  | 41.3   | 40.9  | 41.3  | 40.9  | 41.3  |  |
| 292.5   | 41.3  | 41.8  | 40.5  | 40.5   | 40.5  | 40.5  | 40.9  | 40.5  |  |
| 315.0   | 40.5  | 40.9  | 41.3  | 41.3   | 42.2  | 42.6  | 42.6  | 43.0  |  |
| 337.5   | 43.0  | 43.0  | 42.2  | 41.3   | 40.9  | 39.7  | 40.1  | 40.5  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 540   | TILT: | 30    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 64.1  | 64.1  | 64.1  | 64.1   | 64.1  | 63.3  | 63.7  | 64.1  |  |
| 22.5    | 64.6  | 65.0  | 65.0  | 65.0   | 64.6  | 64.1  | 63.7  | 63.3  |  |
| 45.0    | 62.9  | 62.4  | 62.9  | 64.6   | 65.0  | 62.0  | 60.3  | 58.6  |  |
| 67.5    | 48.1  | 48.1  | 47.7  | 48.1   | 48.1  | 48.1  | 48.5  | 48.5  |  |
| 90.0    | 47.7  | 48.1  | 48.1  | 48.5   | 48.1  | 47.3  | 47.7  | 46.4  |  |
| 112.5   | 46.8  | 47.7  | 48.5  | 48.5   | 46.4  | 46.4  | 47.3  | 46.4  |  |
| 135.0   | 46.4  | 46.4  | 46.4  | 46.8   | 47.3  | 47.3  | 47.3  | 46.4  |  |
| 157.5   | 45.6  | 46.0  | 55.7  | 56.5   | 56.1  | 55.7  | 55.3  | 54.8  |  |
| 180.0   | 54.8  | 54.4  | 53.6  | 53.6   | 53.2  | 52.7  | 52.3  | 50.6  |  |
| 202.5   | 51.5  | 51.5  | 51.1  | 51.5   | 51.1  | 51.5  | 51.9  | 52.3  |  |
| 225.0   | 54.4  | 56.5  | 65.0  | 65.8   | 65.0  | 63.3  | 63.7  | 63.7  |  |
| 247.5   | 63.3  | 62.9  | 62.9  | 63.3   | 63.3  | 63.7  | 64.1  | 65.0  |  |
| 270.0   | 65.4  | 66.2  | 67.1  | 69.2   | 70.0  | 70.0  | 69.6  | 69.2  |  |
| 292.5   | 68.8  | 68.3  | 67.9  | 66.7   | 61.2  | 60.8  | 60.3  | 60.3  |  |
| 315.0   | 61.2  | 61.6  | 62.0  | 62.0   | 62.0  | 61.2  | 61.2  | 61.2  |  |
| 337.5   | 62.0  | 62.0  | 60.3  | 60.8   | 62.0  | 65.0  | 64.6  | 64.1  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 540   | TILT: | 25    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 74.7  | 69.6  | 69.6  | 69.2   | 67.9  | 67.1  | 67.9  | 67.5  |  |
| 22.5    | 69.6  | 69.6  | 64.6  | 62.0   | 62.4  | 61.6  | 60.3  | 59.9  |  |
| 45.0    | 59.5  | 59.1  | 59.9  | 63.7   | 64.1  | 65.0  | 65.0  | 63.3  |  |
| 67.5    | 62.9  | 61.6  | 60.3  | 60.8   | 61.2  | 59.9  | 57.0  | 57.0  |  |
| 90.0    | 50.6  | 50.2  | 50.6  | 49.8   | 49.4  | 48.5  | 48.9  | 48.5  |  |
| 112.5   | 47.7  | 47.3  | 46.8  | 46.8   | 46.0  | 45.1  | 43.9  | 44.3  |  |
| 135.0   | 44.3  | 50.2  | 50.2  | 51.1   | 51.1  | 51.1  | 51.9  | 51.5  |  |
| 157.5   | 51.9  | 51.1  | 50.6  | 51.1   | 53.6  | 52.3  | 51.5  | 51.5  |  |
| 180.0   | 51.9  | 51.9  | 51.9  | 52.7   | 51.9  | 51.9  | 52.3  | 52.3  |  |
| 202.5   | 51.5  | 51.9  | 51.9  | 52.3   | 51.9  | 52.3  | 54.0  | 54.8  |  |
| 225.0   | 54.8  | 56.1  | 57.0  | 56.5   | 56.5  | 57.0  | 57.4  | 57.4  |  |
| 247.5   | 57.4  | 59.1  | 59.1  | 59.5   | 59.9  | 60.8  | 60.8  | 60.3  |  |
| 270.0   | 60.8  | 61.2  | 62.0  | 62.0   | 62.9  | 65.0  | 65.4  | 66.7  |  |
| 292.5   | 66.2  | 65.8  | 66.2  | 67.9   | 68.3  | 68.3  | 67.9  | 67.1  |  |
| 315.0   | 67.1  | 63.7  | 62.0  | 60.8   | 60.8  | 60.3  | 60.3  | 60.3  |  |
| 337.5   | 60.8  | 61.2  | 61.2  | 61.6   | 62.4  | 63.7  | 73.0  | 74.3  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 540   | TILT: | 20    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 69.2  | 69.2  | 69.2  | 67.9   | 67.9  | 67.5  | 63.3  | 63.3  |  |
| 22.5    | 63.3  | 63.7  | 62.9  | 64.6   | 65.4  | 64.1  | 49.8  | 50.2  |  |
| 45.0    | 50.2  | 50.6  | 51.9  | 52.3   | 53.2  | 54.0  | 54.0  | 51.1  |  |
| 67.5    | 52.7  | 54.0  | 53.6  | 48.1   | 48.1  | 46.8  | 47.3  | 43.5  |  |
| 90.0    | 43.5  | 43.5  | 44.3  | 45.1   | 44.7  | 44.7  | 46.4  | 46.8  |  |
| 112.5   | 46.4  | 45.1  | 44.3  | 44.3   | 43.9  | 43.9  | 43.5  | 43.5  |  |
| 135.0   | 42.6  | 43.0  | 43.9  | 43.0   | 43.0  | 42.6  | 40.9  | 39.7  |  |
| 157.5   | 40.1  | 39.7  | 39.7  | 39.2   | 38.4  | 37.5  | 38.0  | 35.9  |  |
| 180.0   | 35.4  | 35.0  | 34.2  | 34.2   | 34.6  | 35.4  | 36.7  | 39.2  |  |
| 202.5   | 49.4  | 49.8  | 50.2  | 50.6   | 51.1  | 51.1  | 51.5  | 51.5  |  |
| 225.0   | 52.3  | 52.3  | 52.7  | 52.7   | 52.3  | 51.9  | 51.9  | 53.2  |  |
| 247.5   | 52.7  | 54.4  | 55.7  | 55.7   | 56.1  | 56.5  | 59.5  | 59.5  |  |
| 270.0   | 59.9  | 61.2  | 61.6  | 61.6   | 62.4  | 62.4  | 61.6  | 62.4  |  |
| 292.5   | 62.4  | 63.3  | 63.7  | 63.7   | 64.6  | 66.2  | 65.8  | 67.5  |  |
| 315.0   | 68.8  | 69.6  | 70.5  | 72.6   | 72.6  | 73.0  | 73.0  | 73.4  |  |
| 337.5   | 73.8  | 73.8  | 73.0  | 71.3   | 70.0  | 70.0  | 69.6  | 70.0  |  |

|         |       |       |       |        |       |       |       |       |  |
|---------|-------|-------|-------|--------|-------|-------|-------|-------|--|
| DEPTH:  | 540   | TILT: | 15    | RANGE: | 100.0 | VOS:  | 5958  |       |  |
| Bearing | + 0.0 | + 2.8 | + 5.6 | + 8.4  | +11.3 | +14.1 | +16.9 | +19.7 |  |
| 0.0     | 54.0  | 54.8  | 54.0  | 53.2   | 52.3  | 51.5  | 49.4  | 48.9  |  |
| 22.5    | 48.1  | 48.1  | 47.7  | 47.7   | 47.3  | 46.8  | 46.4  | 46.0  |  |
| 45.0    | 46.0  | 46.8  | 46.4  | 45.6   | 45.6  | 46.0  | 46.4  | 46.8  |  |
| 67.5    | 46.8  | 48.1  | 47.3  | 47.3   | 43.9  | 44.7  | 43.5  | 42.6  |  |
| 90.0    | 41.8  | 40.5  | 38.4  | 39.7   | 39.2  | 39.2  | 40.1  | 38.8  |  |
| 112.5   | 41.8  | 44.3  | 42.2  | 41.3   | 41.8  | 42.6  | 42.6  | 43.5  |  |
| 135.0   | 43.5  | 43.0  | 42.2  | 40.5   | 40.5  | 40.9  | 39.7  | 38.4  |  |
| 157.5   | 39.2  | 34.2  | 33.8  | 32.9   | 32.9  | 32.1  | 32.5  | 33.8  |  |
| 180.0   | 32.9  | 32.5  | 31.6  | 31.6   | 31.2  | 31.2  | 30.8  | 32.1  |  |
| 202.5   | 32.9  | 33.8  | 34.2  | 35.4   | 35.0  | 34.6  | 35.4  | 36.7  |  |
| 225.0   | 38.0  | 38.4  | 38.8  | 40.1   | 46.8  | 47.7  | 48.5  | 49.8  |  |
| 247.5   | 50.2  | 51.1  | 52.7  | 56.1   | 57.4  | 58.6  | 60.3  | 60.3  |  |
| 270.0   | 62.0  | 62.9  | 62.9  | 62.4   | 62.9  | 61.6  | 62.0  | 62.0  |  |
| 292.5   | 62.4  | 64.1  | 62.9  | 64.6   | 65.8  | 67.1  | 67.1  | 68.8  |  |
| 315.0   | 69.6  | 70.0  | 70.5  | 69.6   | 68.8  | 67.5  | 66.2  | 70.9  |  |
| 337.5   | 70.5  | 70.5  | 69.6  | 68.8   | 68.3  | 68.8  | 68.8  | 68.8  |  |



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

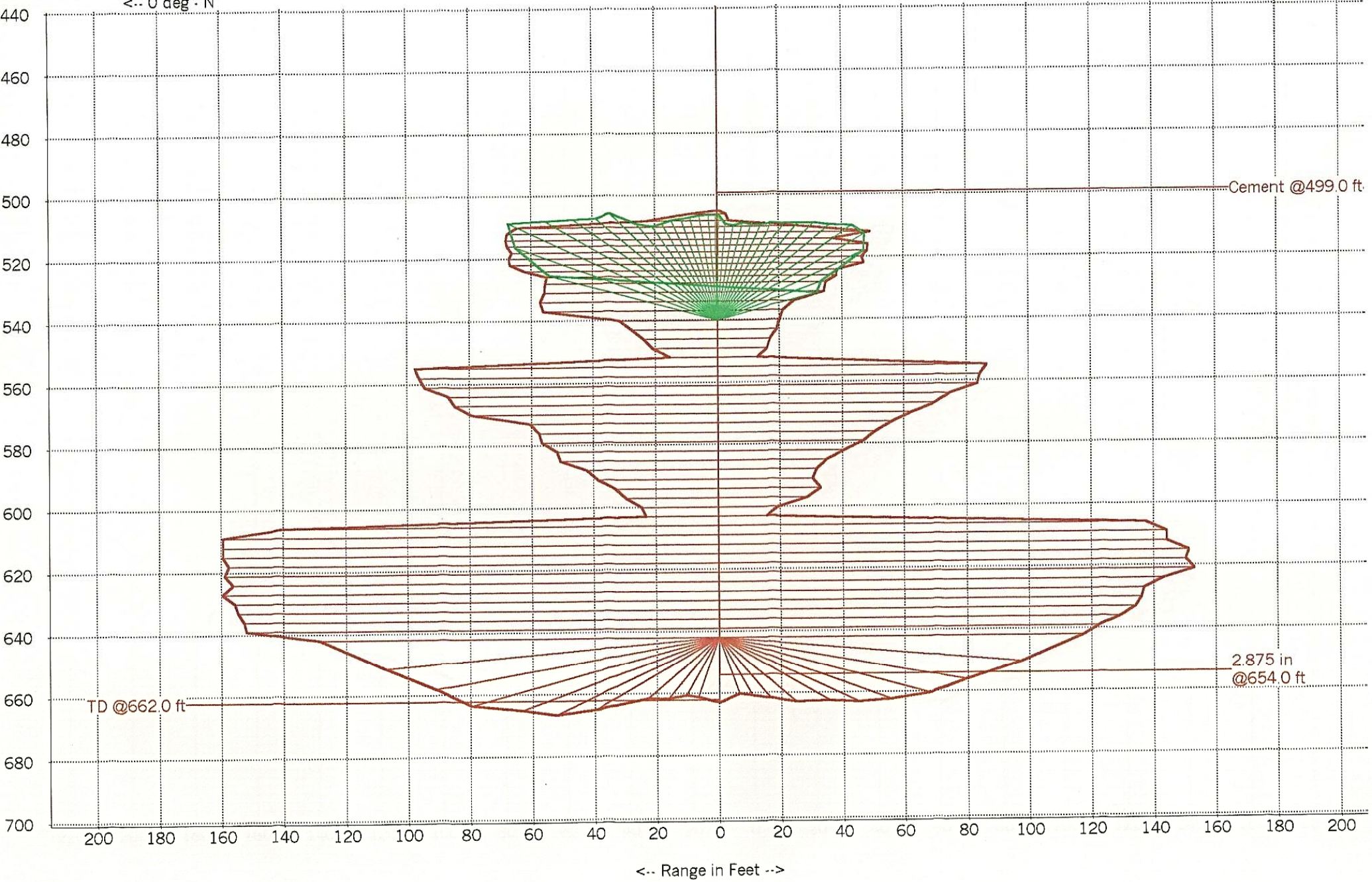
BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 506   | 2.8                  | 2.8                | 0.5                | 0.5              |
| 507   | 184.7                | 187.5              | 32.9               | 33.4             |
| 508   | 443.6                | 631.2              | 79.0               | 112.4            |
| 509   | 846.9                | 1478.1             | 150.8              | 263.3            |
| 510   | 3124.0               | 4602.1             | 556.4              | 819.7            |
| 511   | 7421.6               | 12023.7            | 1321.8             | 2141.5           |
| 512   | 8117.6               | 20141.3            | 1445.8             | 3587.3           |
| 513   | 9281.8               | 29423.2            | 1653.2             | 5240.5           |
| 514   | 9253.6               | 38676.8            | 1648.1             | 6888.6           |
| 515   | 9289.3               | 47966.1            | 1654.5             | 8543.1           |
| 516   | 9610.9               | 57577.0            | 1711.8             | 10254.9          |
| 517   | 9972.3               | 67549.3            | 1776.2             | 12031.1          |
| 518   | 9847.2               | 77396.5            | 1753.9             | 13784.9          |
| 519   | 9726.6               | 87123.1            | 1732.4             | 15517.3          |
| 520   | 9629.0               | 96752.0            | 1715.0             | 17232.3          |
| 521   | 9536.6               | 106288.6           | 1698.5             | 18930.8          |
| 522   | 9172.7               | 115461.3           | 1633.7             | 20564.6          |
| 523   | 8835.8               | 124297.1           | 1573.7             | 22138.3          |
| 524   | 8577.3               | 132874.4           | 1527.7             | 23666.0          |
| 525   | 8336.6               | 141211.0           | 1484.8             | 25150.8          |
| 526   | 8082.6               | 149293.6           | 1439.6             | 26590.3          |
| 527   | 7846.5               | 157140.0           | 1397.5             | 27987.9          |
| 528   | 7742.5               | 164882.5           | 1379.0             | 29366.8          |
| 529   | 7655.0               | 172537.5           | 1363.4             | 30730.3          |
| 530   | 7537.3               | 180074.9           | 1342.5             | 32072.7          |
| 531   | 7422.5               | 187497.4           | 1322.0             | 33394.7          |
| 532   | 7310.6               | 194808.0           | 1302.1             | 34696.8          |
| 533   | 7129.3               | 201937.3           | 1269.8             | 35966.6          |
| 534   | 6969.7               | 208907.0           | 1241.4             | 37207.9          |
| 535   | 6831.8               | 215738.7           | 1216.8             | 38424.7          |
| 536   | 6187.6               | 221926.3           | 1102.1             | 39526.8          |
| 537   | 5597.1               | 227523.4           | 996.9              | 40523.7          |
| 538   | 5060.3               | 232583.7           | 901.3              | 41424.9          |
| 539   | 4158.8               | 236742.5           | 740.7              | 42165.7          |
| 540   | 3374.4               | 240116.8           | 601.0              | 42766.7          |
| 541   | 2707.0               | 242823.8           | 482.1              | 43248.8          |
| 542   | 2515.5               | 245339.3           | 448.0              | 43696.8          |
| 543   | 2340.1               | 247679.4           | 416.8              | 44113.6          |
| 544   | 2180.6               | 249860.0           | 388.4              | 44502.0          |
| 545   | 1968.5               | 251828.5           | 350.6              | 44852.6          |
| 546   | 1768.3               | 253596.8           | 315.0              | 45167.5          |
| 547   | 1580.2               | 255177.0           | 281.4              | 45449.0          |
| 548   | 1703.7               | 256880.7           | 303.4              | 45752.4          |
| 549   | 1852.8               | 258733.6           | 330.0              | 46082.4          |
| 550   | 2027.5               | 260761.0           | 361.1              | 46443.5          |
| 551   | 1785.1               | 262546.2           | 317.9              | 46761.5          |

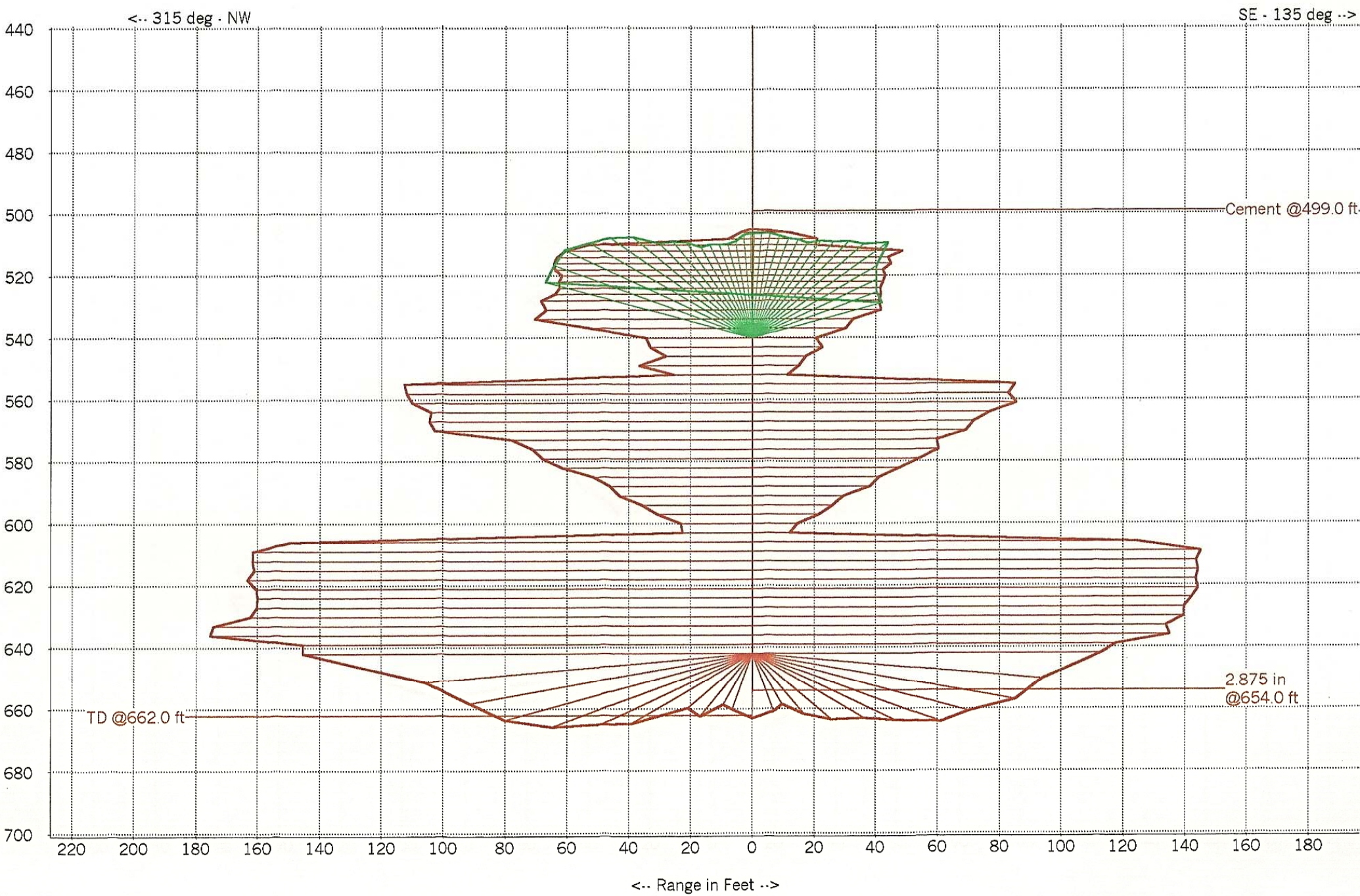


S - 180 deg -->

-- 0 deg - N





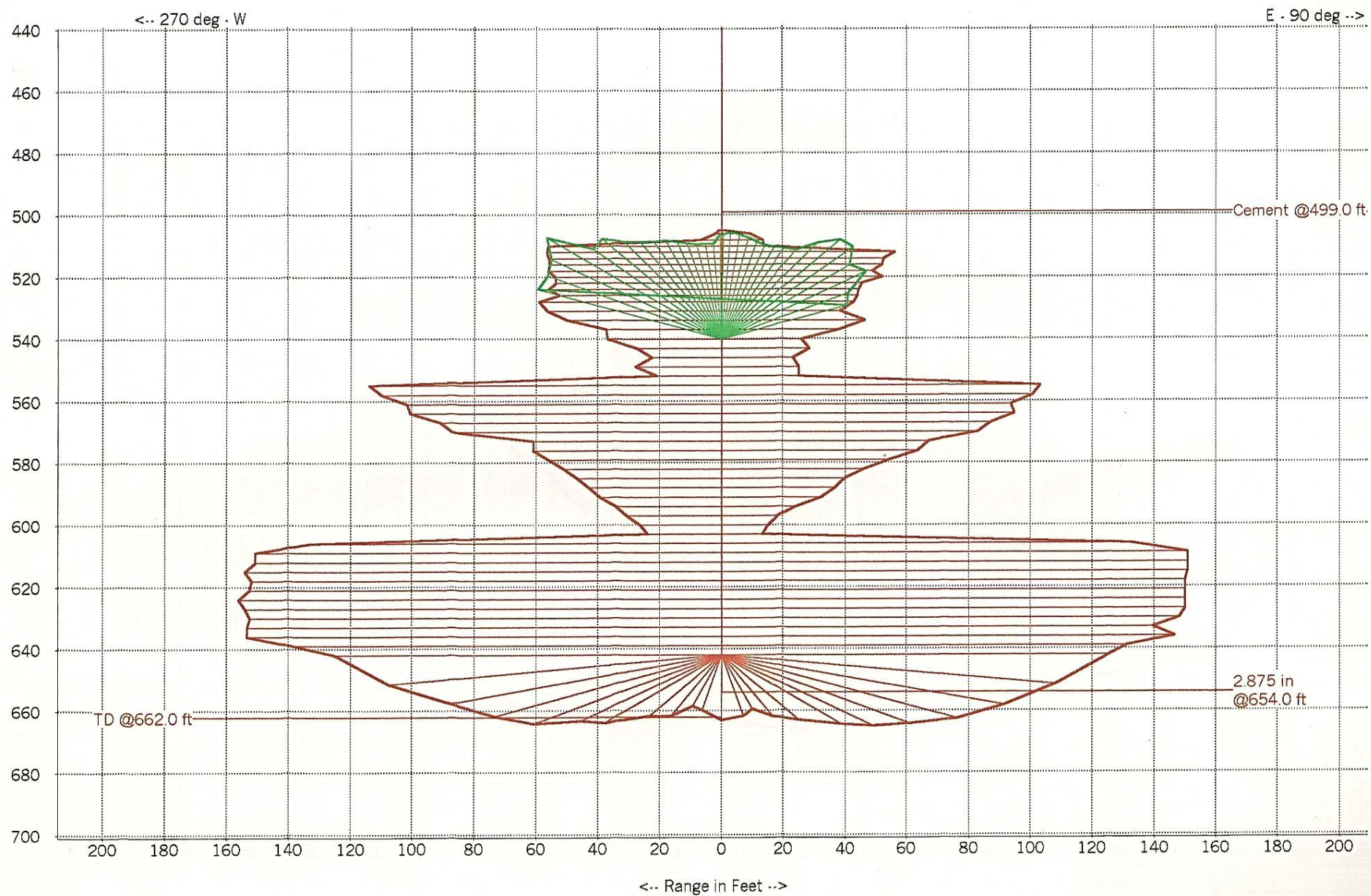




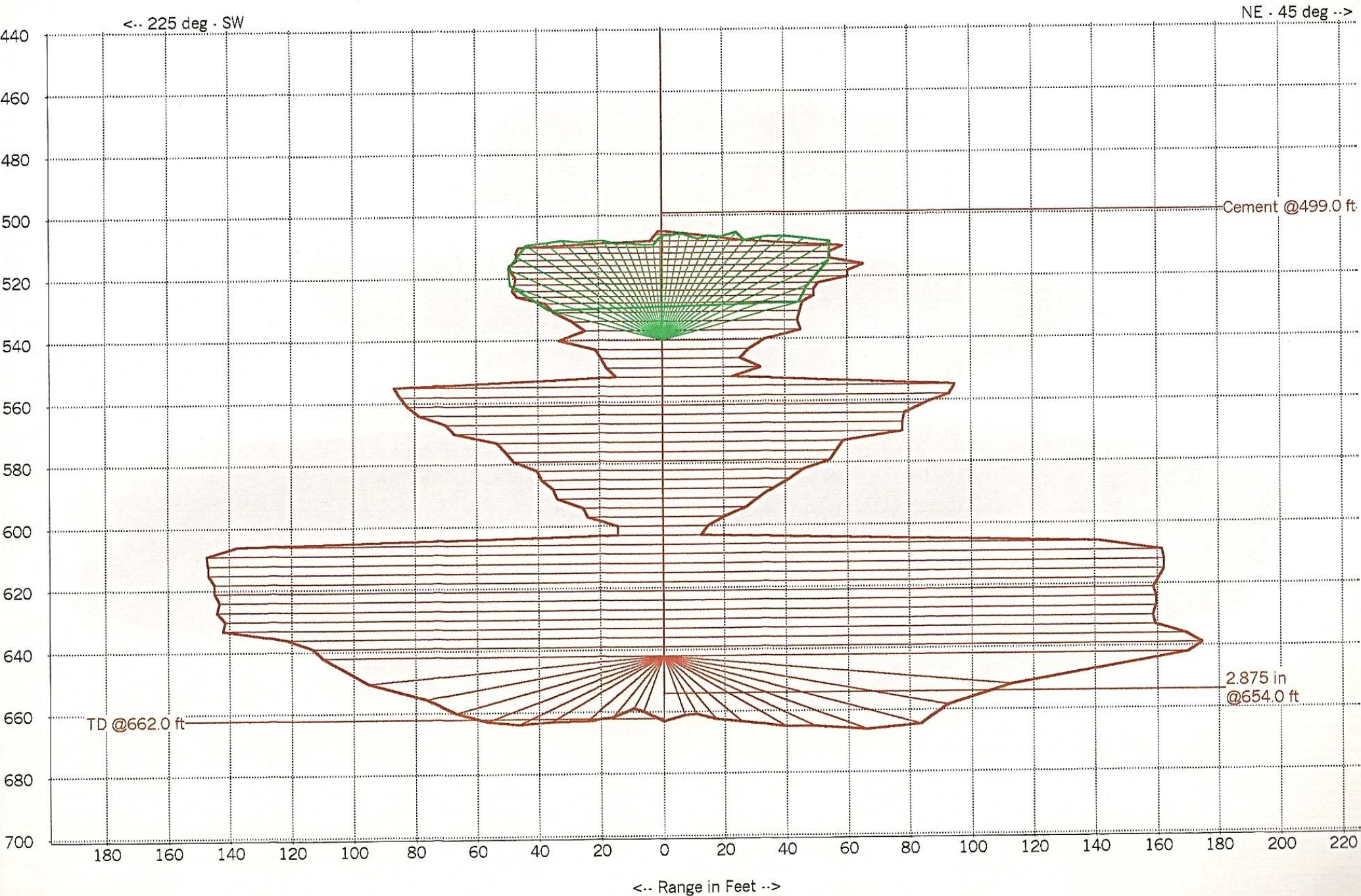
LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

SONARWIRE, INC  
Vertical Cross Section

BRINE WELL NO. 1  
Wed, Feb 7, 2001  
Wed, Feb 7, 2001





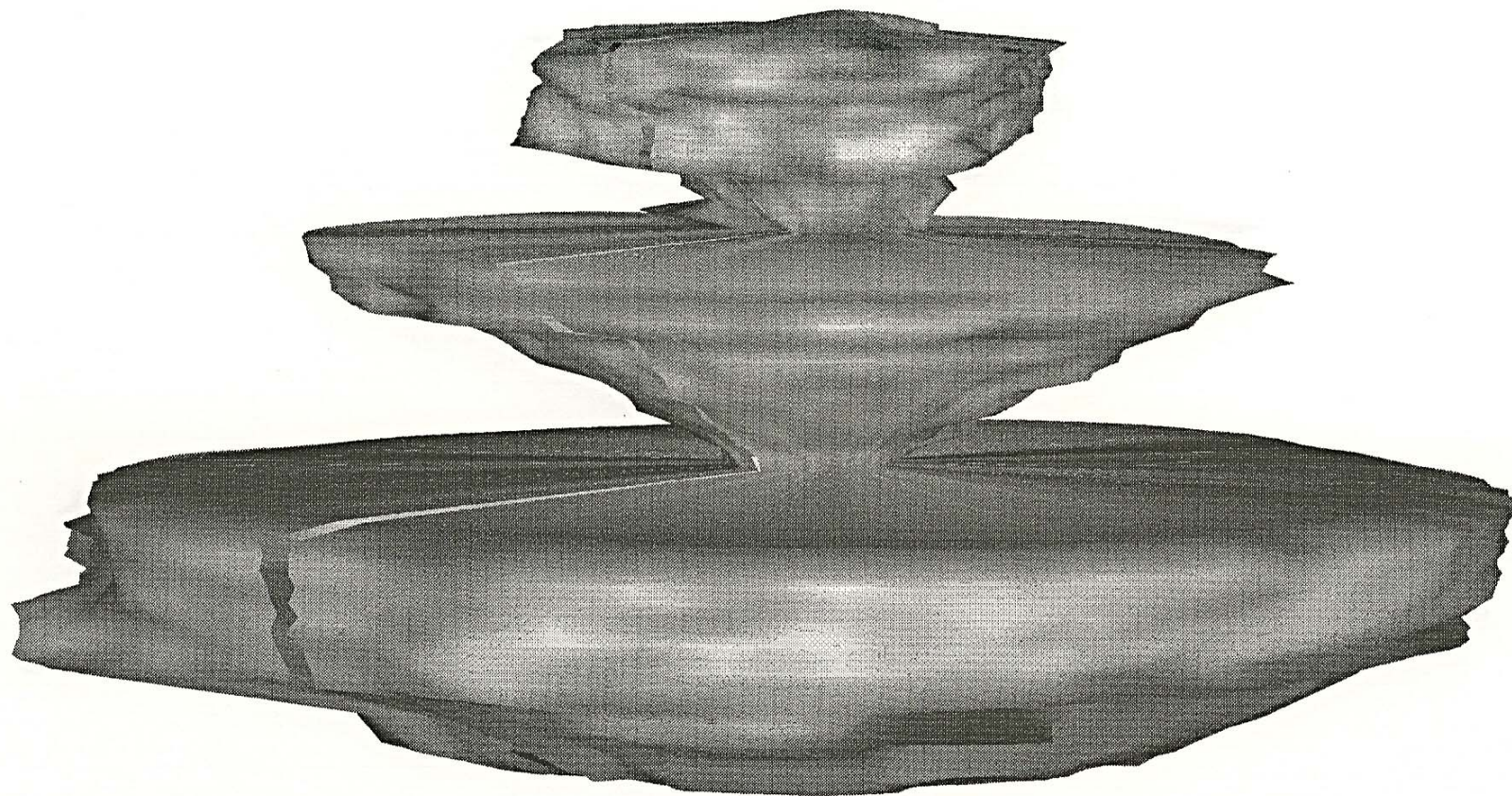




LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

3D SHADE PLOT

VIEWING AZIMUTH: 45  
AXIS TILT: -5 DEGS.

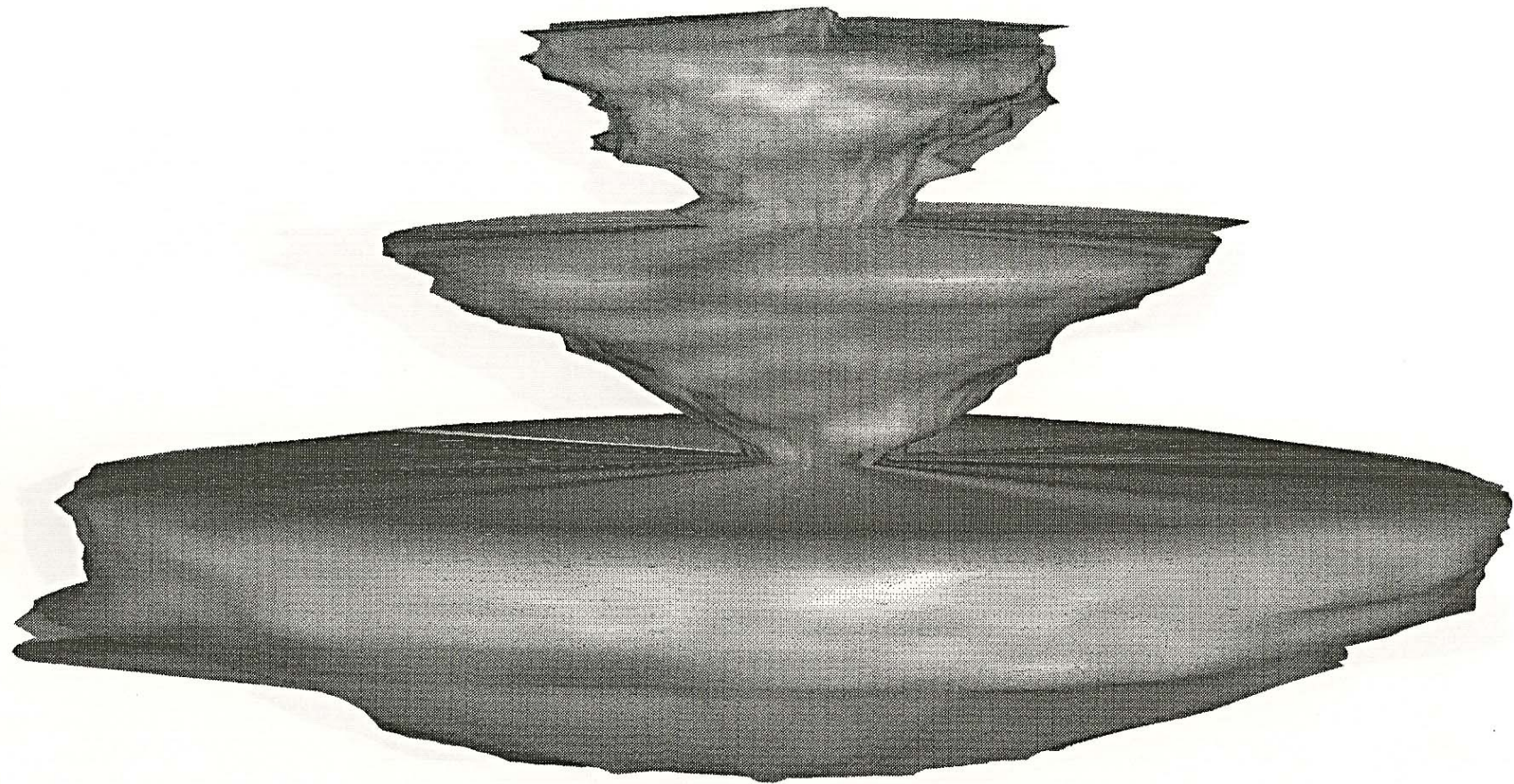




LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

3D SHADE PLOT

VIEWING AZIMUTH: 135  
AXIS TILT: -5 DEGS.





LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

3D SHADE PLOT

VIEWING AZIMUTH: 225  
AXIS TILT: -5 DEGS.

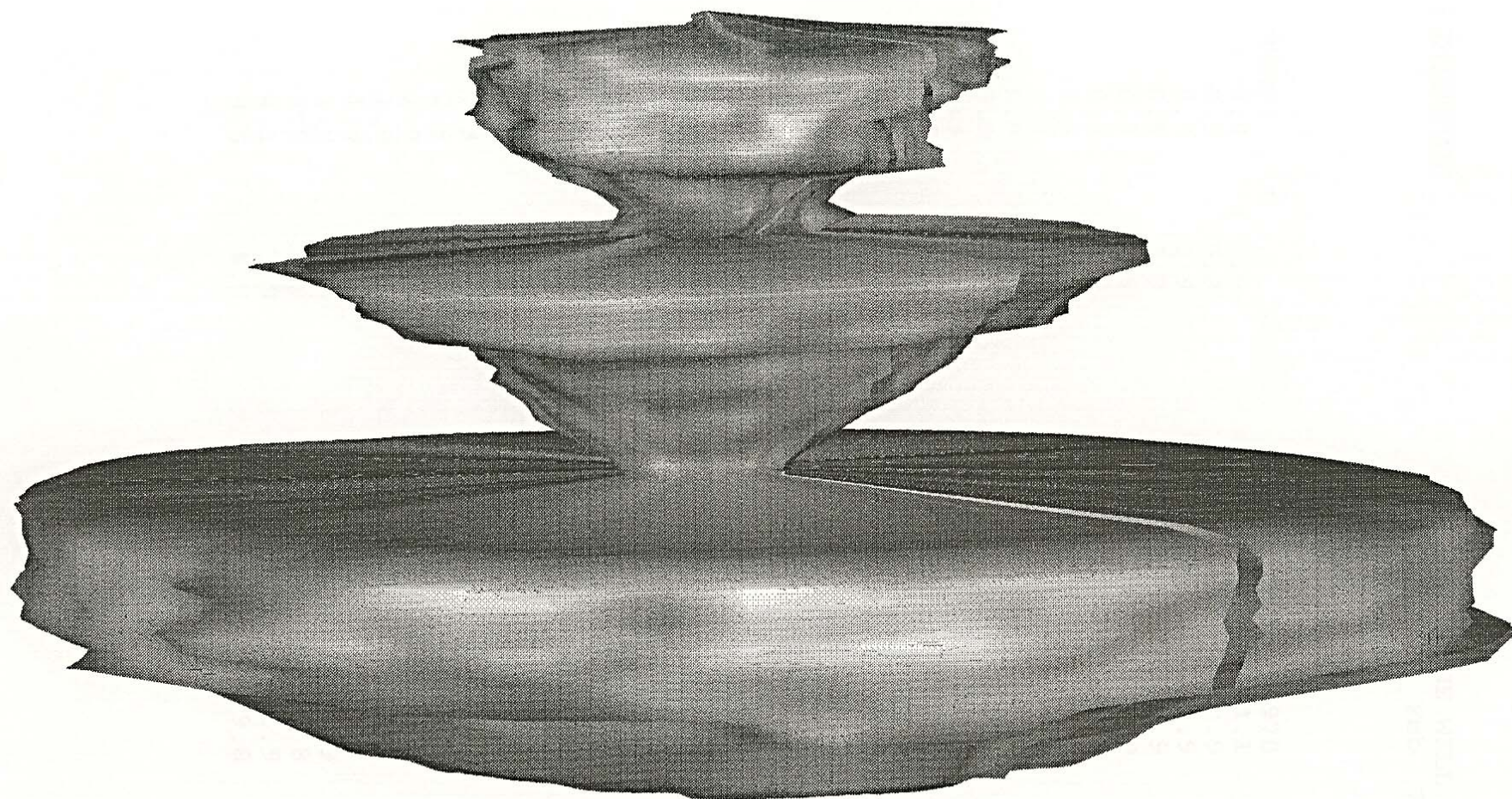




LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

### 3D SHADE PLOT

VIEWING AZIMUTH: 315  
AXIS TILT: -5 DEGS.

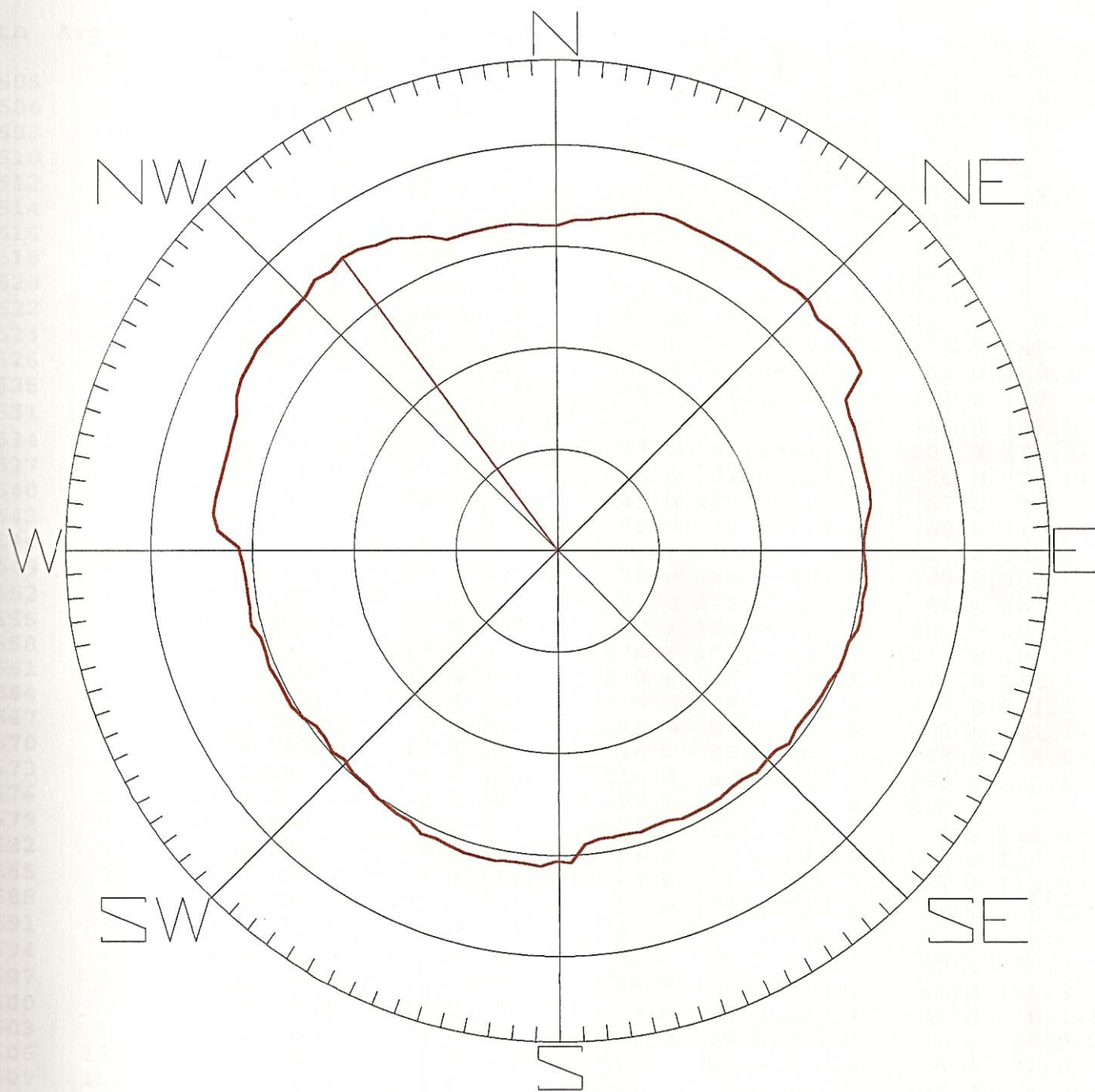




LOCO HILLS WATER DISPOSAL  
BRINE WELL NO. 1  
LOCO HILLS, NM

SONARWIRE, INC  
Max Range vs Bearing

Max Radius=178.4 ft @ 323.9 deg  
Depth= 642 ft. Wed, Feb 7, 2001



1 inch = 75.0 ft.

200 150 100 50 0 50 100 150 200

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 552   | 1565.0               | 264111.1           | 278.7              | 47040.2          |
| 553   | 1366.9               | 265478.1           | 243.5              | 47283.7          |
| 554   | 6630.6               | 272108.7           | 1181.0             | 48464.7          |
| 555   | 16062.6              | 288171.2           | 2860.9             | 51325.5          |
| 556   | 29662.9              | 317834.1           | 5283.2             | 56608.7          |
| 557   | 29300.5              | 347134.6           | 5218.6             | 61827.4          |
| 558   | 28947.1              | 376081.7           | 5155.7             | 66983.1          |
| 559   | 28602.6              | 404684.3           | 5094.3             | 72077.4          |
| 560   | 28167.5              | 432851.9           | 5016.9             | 77094.3          |
| 561   | 27751.2              | 460603.1           | 4942.7             | 82037.0          |
| 562   | 27353.6              | 487956.7           | 4871.9             | 86908.9          |
| 563   | 26259.0              | 514215.6           | 4676.9             | 91585.8          |
| 564   | 25195.0              | 539410.6           | 4487.4             | 96073.2          |
| 565   | 24161.7              | 563572.3           | 4303.4             | 100376.6         |
| 566   | 23295.1              | 586867.4           | 4149.0             | 104525.6         |
| 567   | 22451.9              | 609319.3           | 3998.9             | 108524.5         |
| 568   | 21632.1              | 630951.5           | 3852.9             | 112377.3         |
| 569   | 20978.1              | 651929.6           | 3736.4             | 116113.7         |
| 570   | 20341.6              | 672271.2           | 3623.0             | 119736.7         |
| 571   | 19722.4              | 691993.6           | 3512.7             | 123249.4         |
| 572   | 17011.6              | 709005.2           | 3029.9             | 126279.3         |
| 573   | 14515.2              | 723520.4           | 2585.3             | 128864.6         |
| 574   | 12233.4              | 735753.8           | 2178.9             | 131043.4         |
| 575   | 11814.8              | 747568.6           | 2104.3             | 133147.7         |
| 576   | 11405.8              | 758974.4           | 2031.5             | 135179.2         |
| 577   | 11006.5              | 769980.9           | 1960.3             | 137139.5         |
| 578   | 10536.9              | 780517.8           | 1876.7             | 139016.2         |
| 579   | 10080.3              | 790598.2           | 1795.4             | 140811.6         |
| 580   | 9636.8               | 800235.0           | 1716.4             | 142528.0         |
| 581   | 9015.5               | 809250.5           | 1605.7             | 144133.8         |
| 582   | 8420.2               | 817670.7           | 1499.7             | 145633.5         |
| 583   | 7850.9               | 825521.5           | 1398.3             | 147031.7         |
| 584   | 7207.2               | 832728.7           | 1283.7             | 148315.4         |
| 585   | 6600.5               | 839329.2           | 1175.6             | 149491.0         |
| 586   | 6030.9               | 845360.1           | 1074.1             | 150565.1         |
| 587   | 5610.0               | 850970.1           | 999.2              | 151564.3         |
| 588   | 5206.1               | 856176.2           | 927.2              | 152491.6         |
| 589   | 4819.2               | 860995.4           | 858.3              | 153349.9         |
| 590   | 4500.5               | 865495.9           | 801.6              | 154151.5         |
| 591   | 4194.7               | 869690.6           | 747.1              | 154898.6         |
| 592   | 3902.0               | 873592.6           | 695.0              | 155593.6         |
| 593   | 3567.1               | 877159.7           | 635.3              | 156228.9         |
| 594   | 3256.1               | 880415.9           | 579.9              | 156808.9         |
| 595   | 2969.0               | 883384.9           | 528.8              | 157337.7         |
| 596   | 2680.6               | 886065.5           | 477.4              | 157815.1         |
| 597   | 2409.7               | 888475.2           | 429.2              | 158244.3         |
| 598   | 2156.3               | 890631.5           | 384.1              | 158628.3         |
| 599   | 1800.0               | 892431.6           | 320.6              | 158948.9         |



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 600   | 1482.9               | 893914.4           | 264.1              | 159213.1         |
| 601   | 1204.8               | 895119.2           | 214.6              | 159427.6         |
| 602   | 1137.5               | 896256.7           | 202.6              | 159630.2         |
| 603   | 1073.5               | 897330.2           | 191.2              | 159821.4         |
| 604   | 1012.8               | 898342.9           | 180.4              | 160001.8         |
| 605   | 10308.6              | 908651.6           | 1836.0             | 161837.9         |
| 606   | 29592.2              | 938243.8           | 5270.6             | 167108.5         |
| 607   | 58863.4              | 997107.1           | 10484.0            | 177592.5         |
| 608   | 64160.2              | 1061267.3          | 11427.4            | 189019.9         |
| 609   | 69709.2              | 1130976.5          | 12415.7            | 201435.6         |
| 610   | 75510.2              | 1206486.7          | 13448.9            | 214884.6         |
| 611   | 75380.5              | 1281867.2          | 13425.8            | 228310.4         |
| 612   | 75252.4              | 1357119.6          | 13403.0            | 241713.5         |
| 613   | 75126.1              | 1432245.7          | 13380.5            | 255094.0         |
| 614   | 75312.5              | 1507558.2          | 13413.7            | 268507.7         |
| 615   | 75504.5              | 1583062.8          | 13447.9            | 281955.7         |
| 616   | 75702.1              | 1658764.8          | 13483.1            | 295438.8         |
| 617   | 75484.9              | 1734249.8          | 13444.5            | 308883.3         |
| 618   | 75271.8              | 1809521.6          | 13406.5            | 322289.7         |
| 619   | 75062.6              | 1884584.2          | 13369.2            | 335659.0         |
| 620   | 74902.5              | 1959486.7          | 13340.7            | 348999.7         |
| 621   | 74750.4              | 2034237.1          | 13313.6            | 362313.3         |
| 622   | 74606.3              | 2108843.5          | 13288.0            | 375601.3         |
| 623   | 74349.6              | 2183193.0          | 13242.2            | 388843.5         |
| 624   | 74100.4              | 2257293.5          | 13197.9            | 402041.4         |
| 625   | 73859.0              | 2331152.5          | 13154.9            | 415196.2         |
| 626   | 73592.0              | 2404744.4          | 13107.3            | 428303.5         |
| 627   | 73330.2              | 2478074.6          | 13060.7            | 441364.2         |
| 628   | 73073.6              | 2551148.2          | 13015.0            | 454379.2         |
| 629   | 72450.4              | 2623598.6          | 12904.0            | 467283.2         |
| 630   | 71837.1              | 2695435.8          | 12794.8            | 480077.9         |
| 631   | 71233.8              | 2766669.6          | 12687.3            | 492765.2         |
| 632   | 70409.5              | 2837079.1          | 12540.5            | 505305.7         |
| 633   | 69605.1              | 2906684.2          | 12397.2            | 517702.9         |
| 634   | 68820.4              | 2975504.7          | 12257.5            | 529960.3         |
| 635   | 69331.2              | 3044835.9          | 12348.4            | 542308.7         |
| 636   | 69896.4              | 3114732.2          | 12449.1            | 554757.8         |
| 637   | 70515.9              | 3185248.1          | 12559.4            | 567317.3         |
| 638   | 66297.0              | 3251545.0          | 11808.0            | 579125.2         |
| 639   | 62274.6              | 3313819.6          | 11091.6            | 590216.8         |
| 640   | 58448.8              | 3372268.4          | 10410.2            | 600627.0         |
| 641   | 57396.0              | 3429664.4          | 10222.7            | 610849.7         |
| 642   | 56415.9              | 3486080.4          | 10048.1            | 620897.8         |
| 643   | 55508.5              | 3541588.9          | 9886.5             | 630784.3         |
| 644   | 52768.1              | 3594357.0          | 9398.4             | 640182.7         |
| 645   | 50105.9              | 3644462.8          | 8924.2             | 649106.9         |
| 646   | 47523.5              | 3691986.4          | 8464.3             | 657571.2         |
| 647   | 45021.6              | 3737007.9          | 8018.7             | 665589.9         |



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

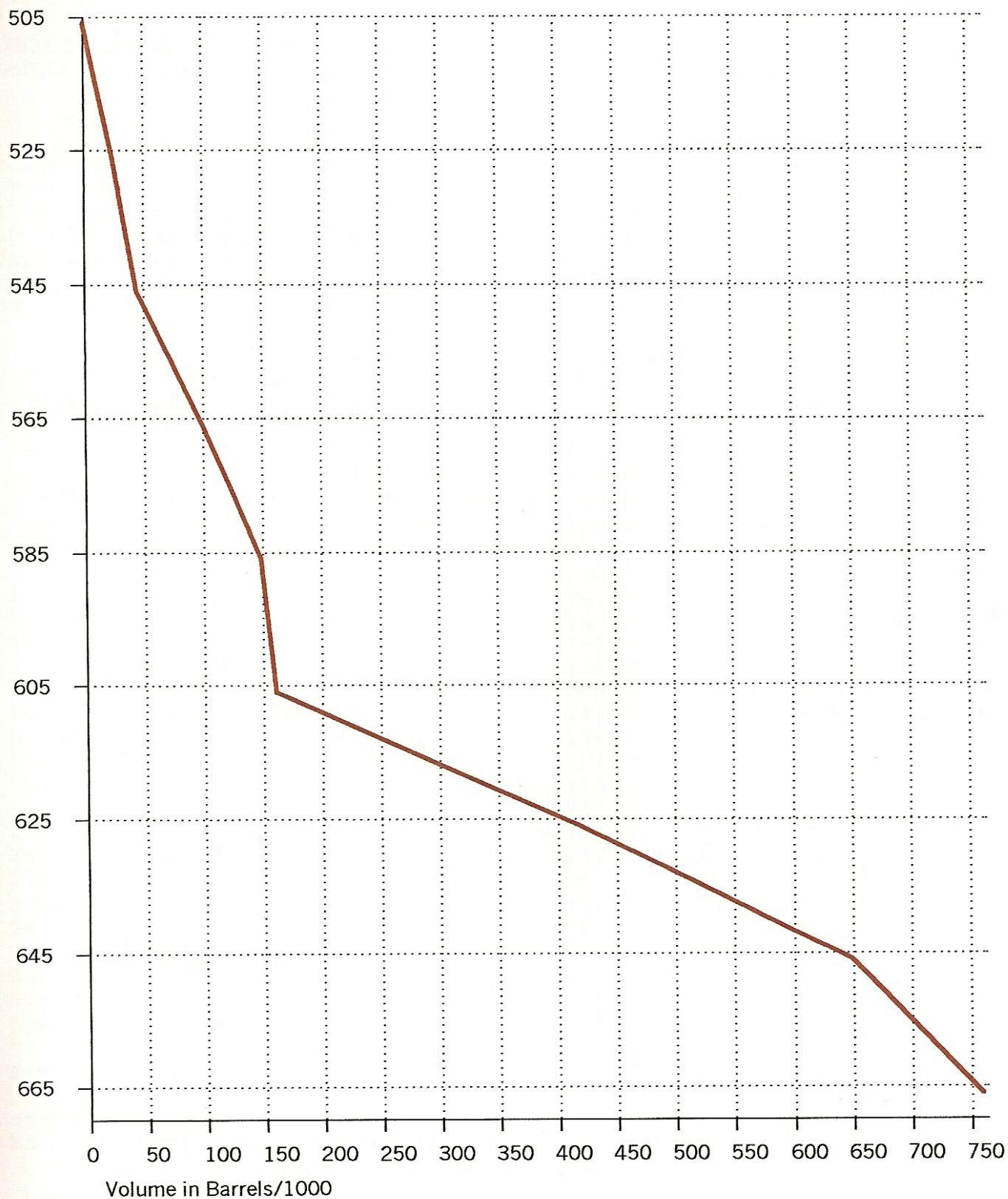
| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 648   | 42597.4              | 3779605.3          | 7586.9             | 673176.9         |
| 649   | 40253.3              | 3819858.6          | 7169.4             | 680346.3         |
| 650   | 37987.3              | 3857845.9          | 6765.8             | 687112.1         |
| 651   | 36308.5              | 3894154.5          | 6466.8             | 693578.9         |
| 652   | 35669.8              | 3929824.3          | 6353.1             | 699932.0         |
| 653   | 32957.7              | 3962782.0          | 5870.0             | 705802.0         |
| 654   | 30365.3              | 3993147.3          | 5408.3             | 711210.3         |
| 655   | 28898.0              | 4022045.3          | 5147.0             | 716357.3         |
| 656   | 27472.1              | 4049517.4          | 4893.0             | 721250.3         |
| 657   | 26523.6              | 4076041.1          | 4724.1             | 725974.4         |
| 658   | 25268.8              | 4101309.8          | 4500.6             | 730474.9         |
| 659   | 23814.6              | 4125124.4          | 4241.6             | 734716.5         |
| 660   | 22160.3              | 4147284.8          | 3946.9             | 738663.4         |
| 661   | 20546.8              | 4167831.6          | 3659.5             | 742322.9         |
| 662   | 18359.4              | 4186191.0          | 3269.9             | 745592.9         |
| 663   | 16757.6              | 4202948.6          | 2984.7             | 748577.6         |
| 664   | 13791.3              | 4216739.9          | 2456.3             | 751033.9         |
| 665   | 10106.8              | 4226846.7          | 1800.1             | 752834.0         |
| 666   | 4348.9               | 4231195.6          | 774.6              | 753608.6         |
| 667   | 2158.4               | 4233354.0          | 384.4              | 753993.0         |

LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

SONARWIRE, INC  
Depth vs Volume

BRINE WELL NO. 1  
Wed, Feb 7, 2001

Depth in Feet





BW - 21

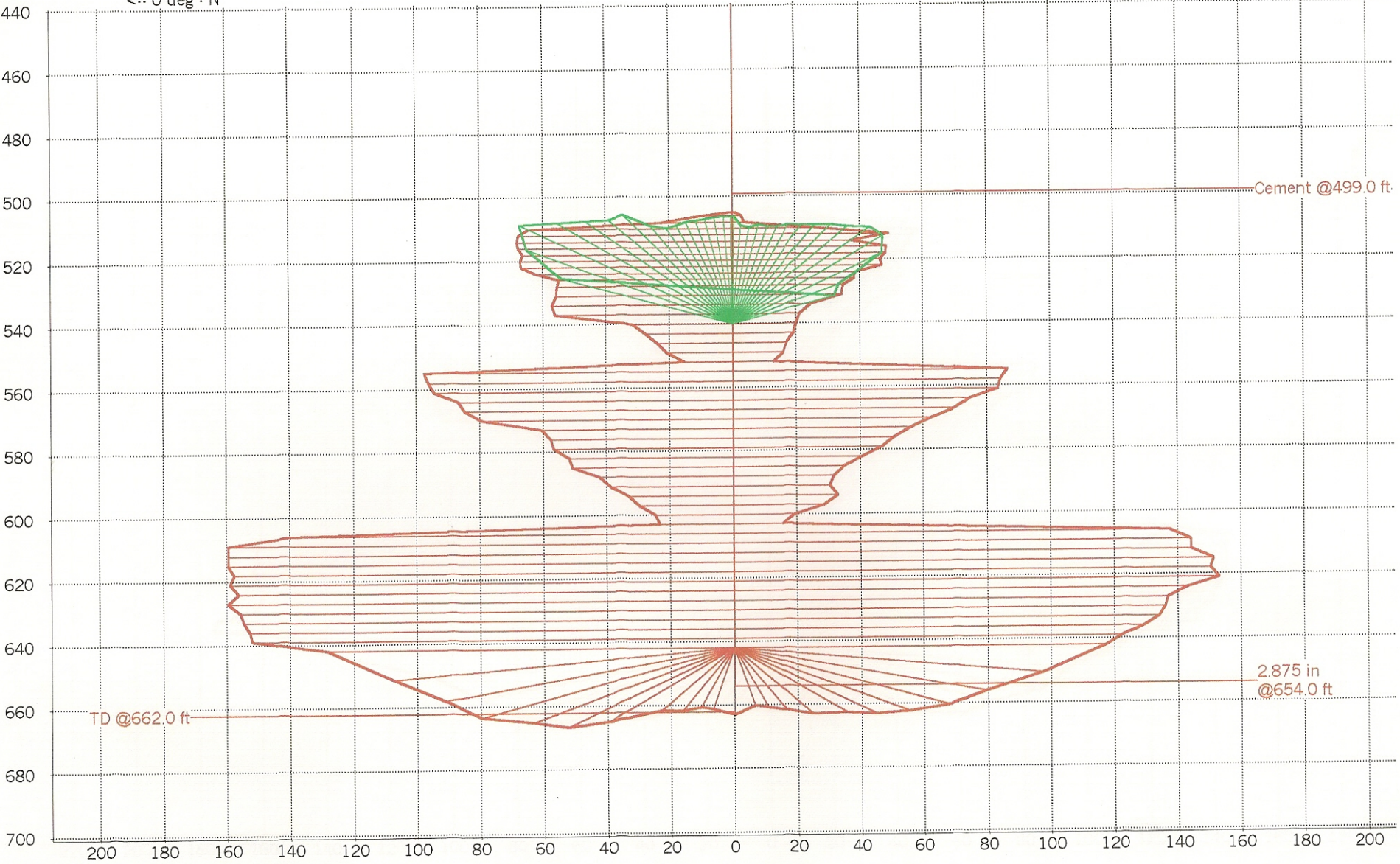
11-7-2008

| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 506   | 2.8                  | 2.8                | 0.5                | 0.5              |
| 507   | 184.7                | 187.5              | 32.9               | 33.4             |
| 508   | 443.6                | 631.2              | 79.0               | 112.4            |
| 509   | 846.9                | 1478.1             | 150.8              | 263.3            |
| 510   | 3124.0               | 4602.1             | 556.4              | 819.7            |
| 511   | 7421.6               | 12023.7            | 1321.8             | 2141.5           |
| 512   | 8117.6               | 20141.3            | 1445.8             | 3587.3           |
| 513   | 9281.8               | 29423.2            | 1653.2             | 5240.5           |
| 514   | 9253.6               | 38676.8            | 1648.1             | 6888.6           |
| 515   | 9289.3               | 47966.1            | 1654.5             | 8543.1           |
| 516   | 9610.9               | 57577.0            | 1711.8             | 10254.9          |
| 517   | 9972.3               | 67549.3            | 1776.2             | 12031.1          |
| 518   | 9847.2               | 77396.5            | 1753.9             | 13784.9          |
| 519   | 9726.6               | 87123.1            | 1732.4             | 15517.3          |
| 520   | 9629.0               | 96752.0            | 1715.0             | 17232.3          |
| 521   | 9536.6               | 106288.6           | 1698.5             | 18930.8          |
| 522   | 9172.7               | 115461.3           | 1633.7             | 20564.6          |
| 523   | 8835.8               | 124297.1           | 1573.7             | 22138.3          |
| 524   | 8577.3               | 132874.4           | 1527.7             | 23666.0          |
| 525   | 8336.6               | 141211.0           | 1484.8             | 25150.8          |
| 526   | 8082.6               | 149293.6           | 1439.6             | 26590.3          |
| 527   | 7846.5               | 157140.0           | 1397.5             | 27987.9          |
| 528   | 7742.5               | 164882.5           | 1379.0             | 29366.8          |
| 529   | 7655.0               | 172537.5           | 1363.4             | 30730.3          |
| 530   | 7537.3               | 180074.9           | 1342.5             | 32072.7          |
| 531   | 7422.5               | 187497.4           | 1322.0             | 33394.7          |
| 532   | 7310.6               | 194808.0           | 1302.1             | 34696.8          |
| 533   | 7129.3               | 201937.3           | 1269.8             | 35966.6          |
| 534   | 6969.7               | 208907.0           | 1241.4             | 37207.9          |
| 535   | 6831.8               | 215738.7           | 1216.8             | 38424.7          |
| 536   | 6187.6               | 221926.3           | 1102.1             | 39526.8          |
| 537   | 5597.1               | 227523.4           | 996.9              | 40523.7          |
| 538   | 5060.3               | 232583.7           | 901.3              | 41424.9          |
| 539   | 4158.8               | 236742.5           | 740.7              | 42165.7          |
| 540   | 3374.4               | 240116.8           | 601.0              | 42766.7          |
| 541   | 2707.0               | 242823.8           | 482.1              | 43248.8          |
| 542   | 2515.5               | 245339.3           | 448.0              | 43696.8          |
| 543   | 2340.1               | 247679.4           | 416.8              | 44113.6          |
| 544   | 2180.6               | 249860.0           | 388.4              | 44502.0          |
| 545   | 1968.5               | 251828.5           | 350.6              | 44852.6          |
| 546   | 1768.3               | 253596.8           | 315.0              | 45167.5          |
| 547   | 1580.2               | 255177.0           | 281.4              | 45449.0          |
| 548   | 1703.7               | 256880.7           | 303.4              | 45752.4          |
| 549   | 1852.8               | 258733.6           | 330.0              | 46082.4          |
| 550   | 2027.5               | 260761.0           | 361.1              | 46443.5          |
| 551   | 1785.1               | 262546.2           | 317.9              | 46761.5          |



S · 180 deg ·>

<· 0 deg · N



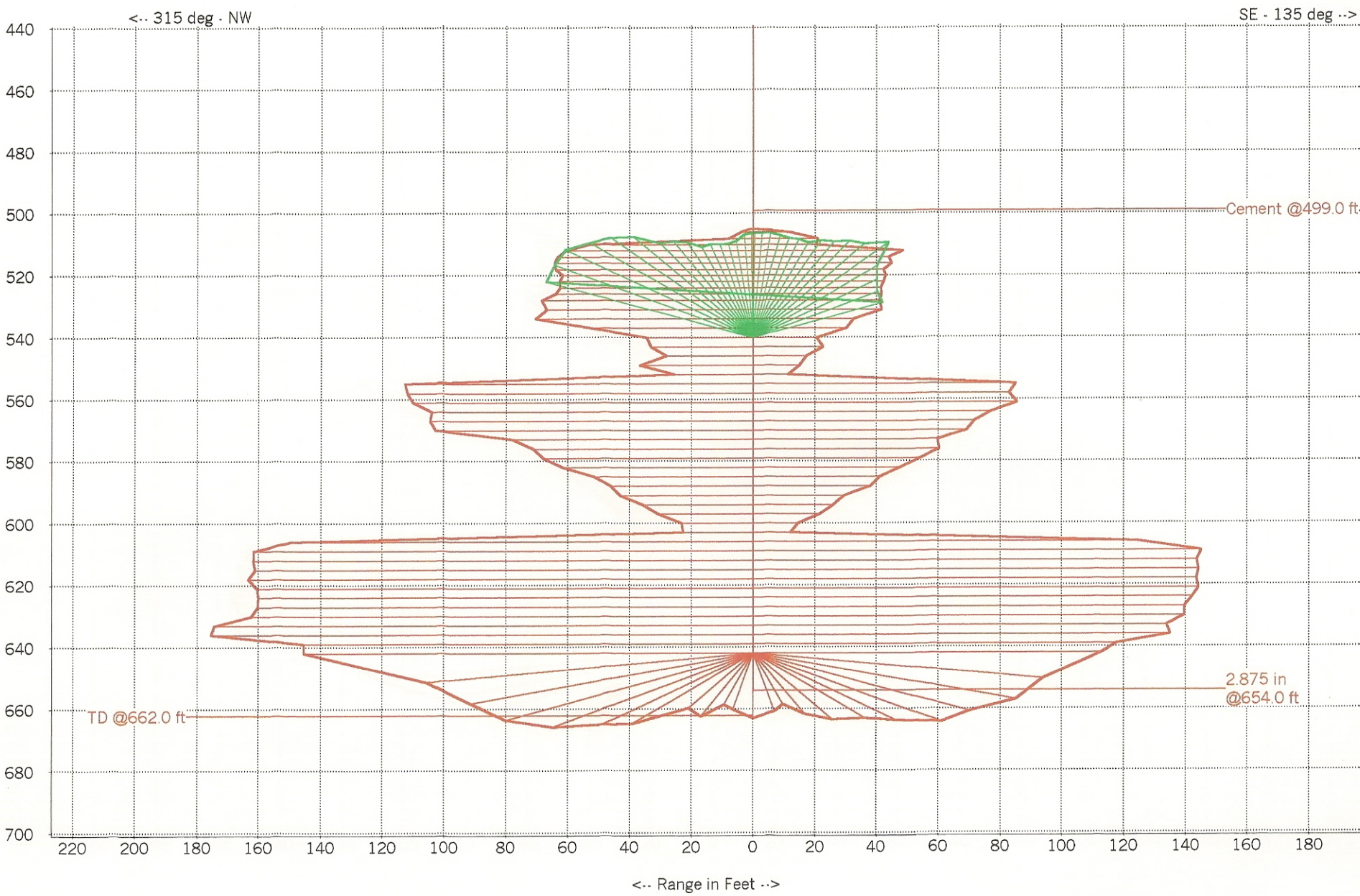
Cement @499.0 ft

2.875 in  
@654.0 ft

TD @662.0 ft

<· Range in Feet ·>



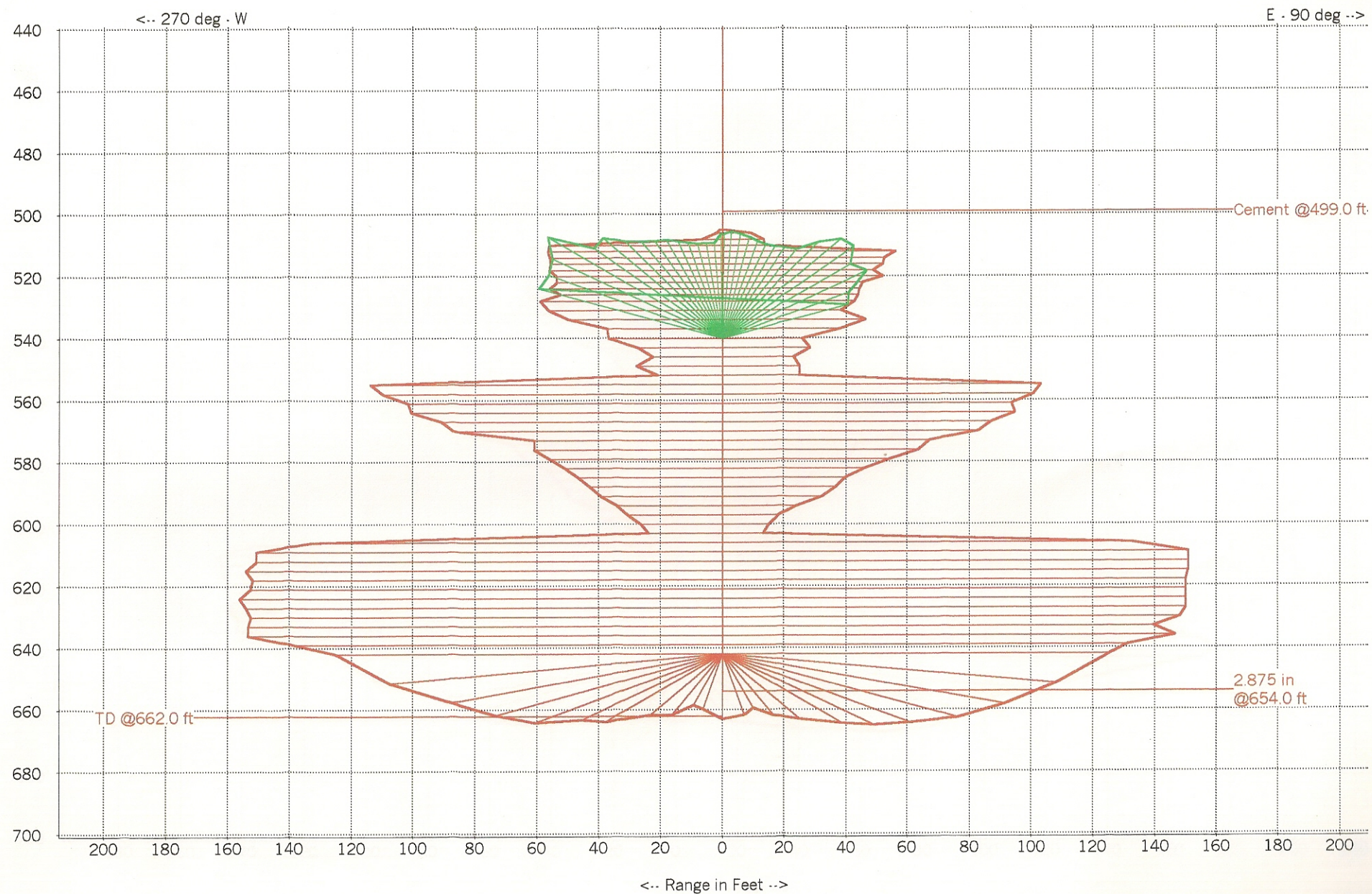




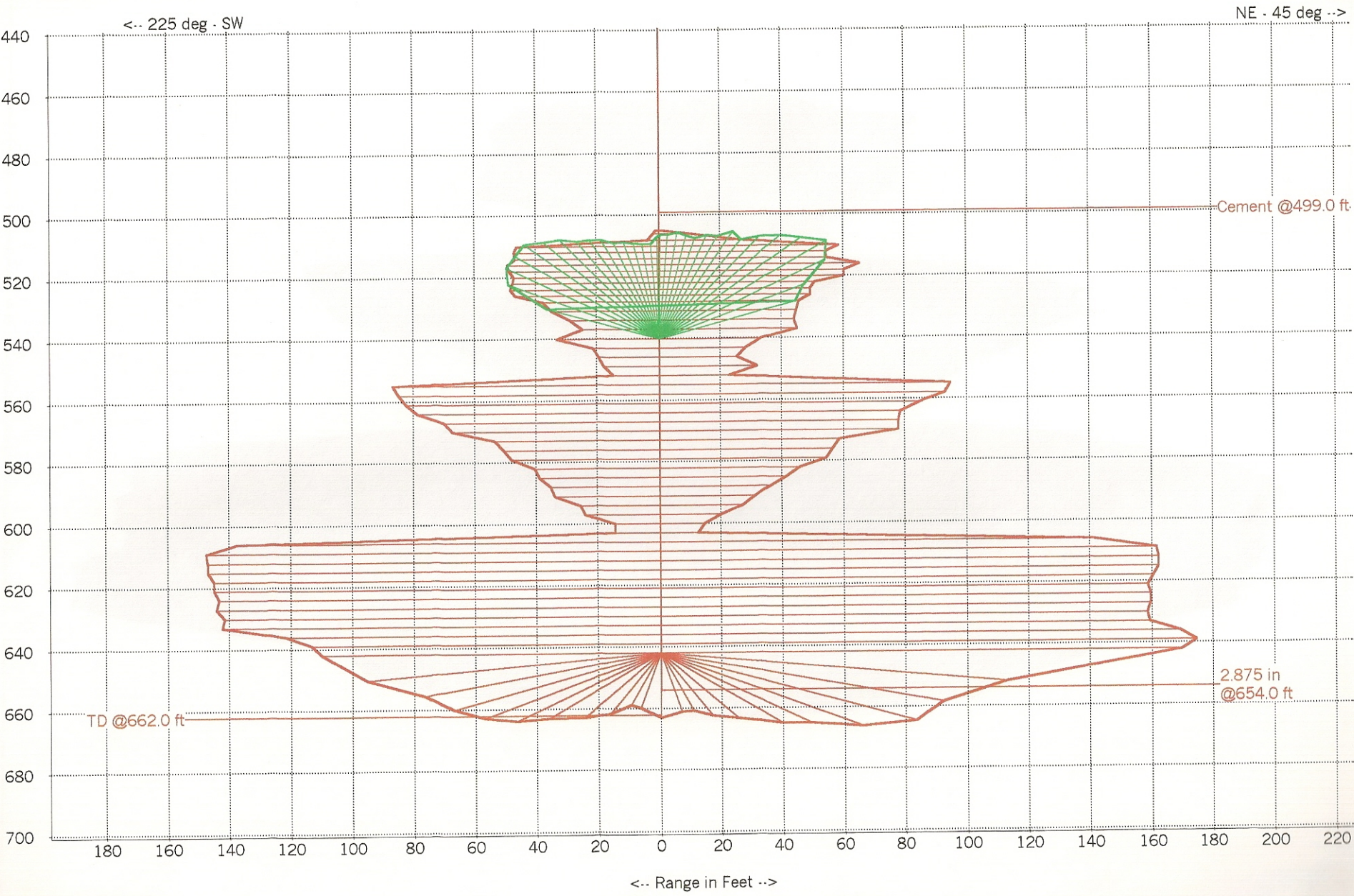
LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

SONARWIRE, INC  
Vertical Cross Section

BRINE WELL NO. 1  
Wed, Feb 7, 2001  
Wed, Feb 7, 2001









LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

3D SHADE PLOT

VIEWING AZIMUTH: 45  
AXIS TILT: -5 DEGS.

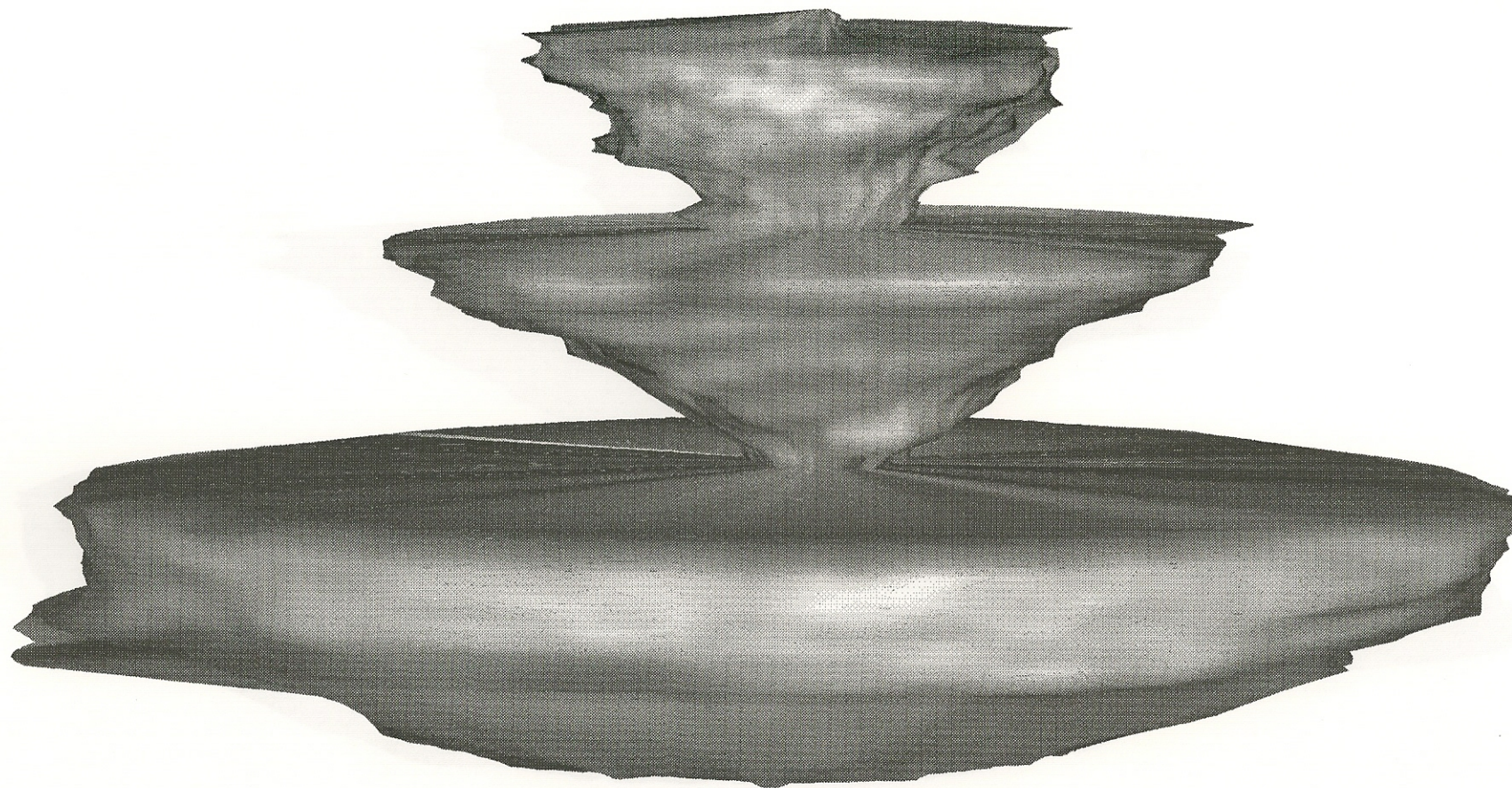




LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

### 3D SHADE PLOT

VIEWING AZIMUTH: 135  
AXIS TILT: -5 DEGS.





LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

3D SHADE PLOT

VIEWING AZIMUTH: 225  
AXIS TILT: -5 DEGS.

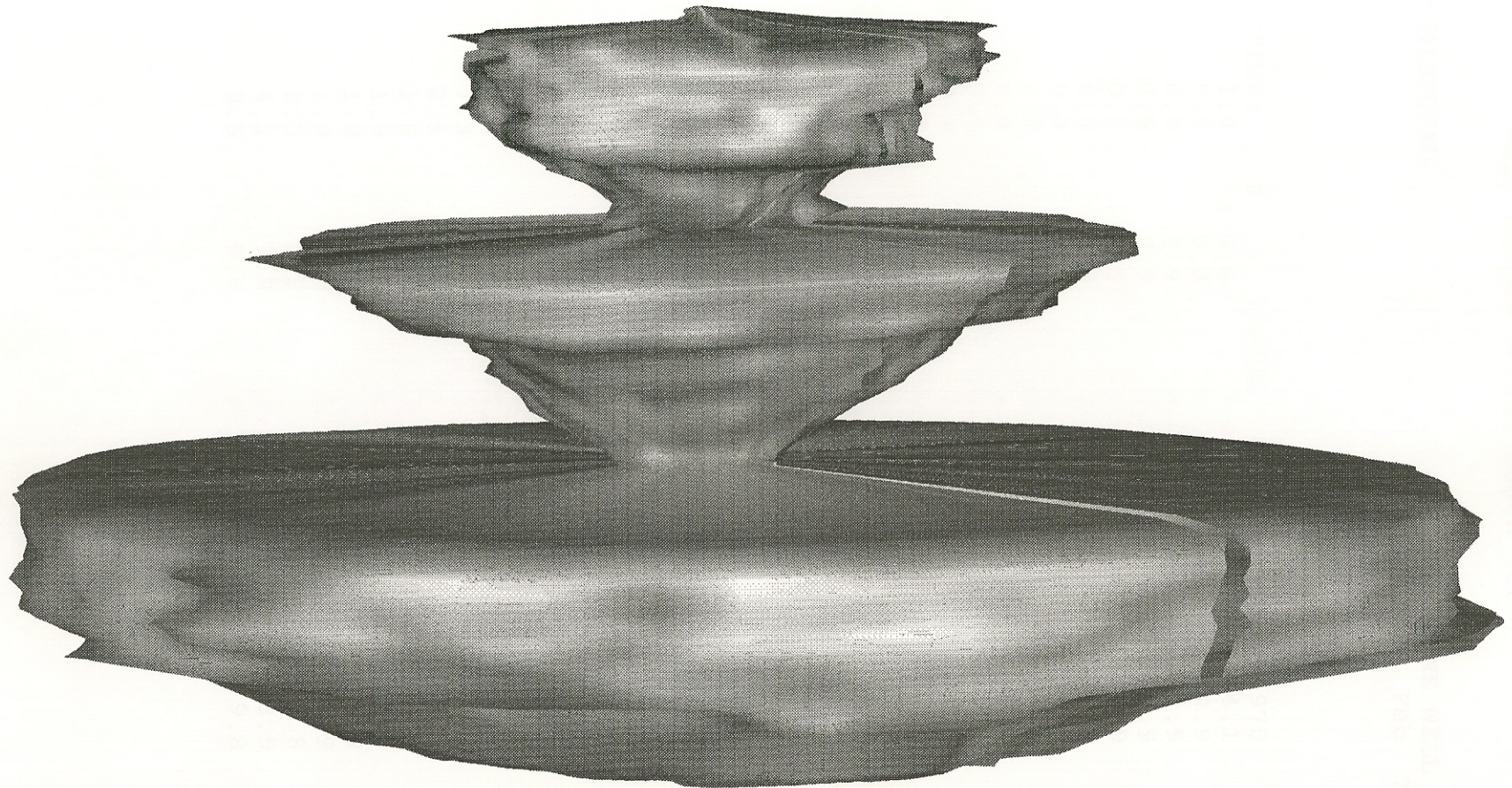




LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM  
BRINE WELL NO. 1  
WED, FEB 7, 2001

3D SHADE PLOT

VIEWING AZIMUTH: 315  
AXIS TILT: -5 DEGS.

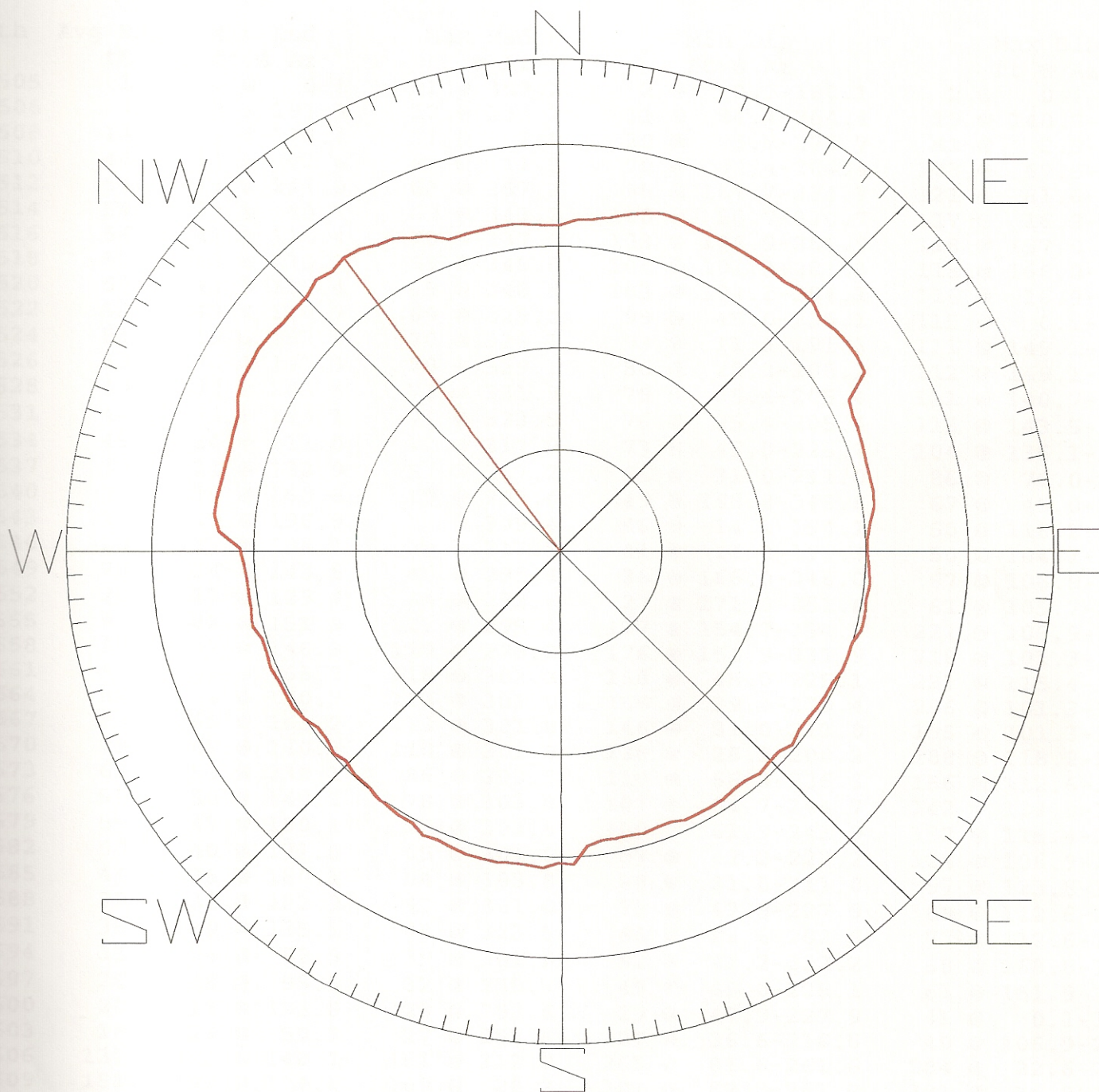




LOCO HILLS WATER DISPOSAL  
BRINE WELL NO. 1  
LOCO HILLS, NM

SONARWIRE, INC  
Max Range vs Bearing

Max Radius=178.4 ft @ 323.9 deg  
Depth= 642 ft. Wed, Feb 7, 2001



1 inch = 75.0 ft.

200 150 100 50 0 50 100 150 200



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 552   | 1565.0               | 264111.1           | 278.7              | 47040.2          |
| 553   | 1366.9               | 265478.1           | 243.5              | 47283.7          |
| 554   | 6630.6               | 272108.7           | 1181.0             | 48464.7          |
| 555   | 16062.6              | 288171.2           | 2860.9             | 51325.5          |
| 556   | 29662.9              | 317834.1           | 5283.2             | 56608.7          |
| 557   | 29300.5              | 347134.6           | 5218.6             | 61827.4          |
| 558   | 28947.1              | 376081.7           | 5155.7             | 66983.1          |
| 559   | 28602.6              | 404684.3           | 5094.3             | 72077.4          |
| 560   | 28167.5              | 432851.9           | 5016.9             | 77094.3          |
| 561   | 27751.2              | 460603.1           | 4942.7             | 82037.0          |
| 562   | 27353.6              | 487956.7           | 4871.9             | 86908.9          |
| 563   | 26259.0              | 514215.6           | 4676.9             | 91585.8          |
| 564   | 25195.0              | 539410.6           | 4487.4             | 96073.2          |
| 565   | 24161.7              | 563572.3           | 4303.4             | 100376.6         |
| 566   | 23295.1              | 586867.4           | 4149.0             | 104525.6         |
| 567   | 22451.9              | 609319.3           | 3998.9             | 108524.5         |
| 568   | 21632.1              | 630951.5           | 3852.9             | 112377.3         |
| 569   | 20978.1              | 651929.6           | 3736.4             | 116113.7         |
| 570   | 20341.6              | 672271.2           | 3623.0             | 119736.7         |
| 571   | 19722.4              | 691993.6           | 3512.7             | 123249.4         |
| 572   | 17011.6              | 709005.2           | 3029.9             | 126279.3         |
| 573   | 14515.2              | 723520.4           | 2585.3             | 128864.6         |
| 574   | 12233.4              | 735753.8           | 2178.9             | 131043.4         |
| 575   | 11814.8              | 747568.6           | 2104.3             | 133147.7         |
| 576   | 11405.8              | 758974.4           | 2031.5             | 135179.2         |
| 577   | 11006.5              | 769980.9           | 1960.3             | 137139.5         |
| 578   | 10536.9              | 780517.8           | 1876.7             | 139016.2         |
| 579   | 10080.3              | 790598.2           | 1795.4             | 140811.6         |
| 580   | 9636.8               | 800235.0           | 1716.4             | 142528.0         |
| 581   | 9015.5               | 809250.5           | 1605.7             | 144133.8         |
| 582   | 8420.2               | 817670.7           | 1499.7             | 145633.5         |
| 583   | 7850.9               | 825521.5           | 1398.3             | 147031.7         |
| 584   | 7207.2               | 832728.7           | 1283.7             | 148315.4         |
| 585   | 6600.5               | 839329.2           | 1175.6             | 149491.0         |
| 586   | 6030.9               | 845360.1           | 1074.1             | 150565.1         |
| 587   | 5610.0               | 850970.1           | 999.2              | 151564.3         |
| 588   | 5206.1               | 856176.2           | 927.2              | 152491.6         |
| 589   | 4819.2               | 860995.4           | 858.3              | 153349.9         |
| 590   | 4500.5               | 865495.9           | 801.6              | 154151.5         |
| 591   | 4194.7               | 869690.6           | 747.1              | 154898.6         |
| 592   | 3902.0               | 873592.6           | 695.0              | 155593.6         |
| 593   | 3567.1               | 877159.7           | 635.3              | 156228.9         |
| 594   | 3256.1               | 880415.9           | 579.9              | 156808.9         |
| 595   | 2969.0               | 883384.9           | 528.8              | 157337.7         |
| 596   | 2680.6               | 886065.5           | 477.4              | 157815.1         |
| 597   | 2409.7               | 888475.2           | 429.2              | 158244.3         |
| 598   | 2156.3               | 890631.5           | 384.1              | 158628.3         |
| 599   | 1800.0               | 892431.6           | 320.6              | 158948.9         |



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 600   | 1482.9               | 893914.4           | 264.1              | 159213.1         |
| 601   | 1204.8               | 895119.2           | 214.6              | 159427.6         |
| 602   | 1137.5               | 896256.7           | 202.6              | 159630.2         |
| 603   | 1073.5               | 897330.2           | 191.2              | 159821.4         |
| 604   | 1012.8               | 898342.9           | 180.4              | 160001.8         |
| 605   | 10308.6              | 908651.6           | 1836.0             | 161837.9         |
| 606   | 29592.2              | 938243.8           | 5270.6             | 167108.5         |
| 607   | 58863.4              | 997107.1           | 10484.0            | 177592.5         |
| 608   | 64160.2              | 1061267.3          | 11427.4            | 189019.9         |
| 609   | 69709.2              | 1130976.5          | 12415.7            | 201435.6         |
| 610   | 75510.2              | 1206486.7          | 13448.9            | 214884.6         |
| 611   | 75380.5              | 1281867.2          | 13425.8            | 228310.4         |
| 612   | 75252.4              | 1357119.6          | 13403.0            | 241713.5         |
| 613   | 75126.1              | 1432245.7          | 13380.5            | 255094.0         |
| 614   | 75312.5              | 1507558.2          | 13413.7            | 268507.7         |
| 615   | 75504.5              | 1583062.8          | 13447.9            | 281955.7         |
| 616   | 75702.1              | 1658764.8          | 13483.1            | 295438.8         |
| 617   | 75484.9              | 1734249.8          | 13444.5            | 308883.3         |
| 618   | 75271.8              | 1809521.6          | 13406.5            | 322289.7         |
| 619   | 75062.6              | 1884584.2          | 13369.2            | 335659.0         |
| 620   | 74902.5              | 1959486.7          | 13340.7            | 348999.7         |
| 621   | 74750.4              | 2034237.1          | 13313.6            | 362313.3         |
| 622   | 74606.3              | 2108843.5          | 13288.0            | 375601.3         |
| 623   | 74349.6              | 2183193.0          | 13242.2            | 388843.5         |
| 624   | 74100.4              | 2257293.5          | 13197.9            | 402041.4         |
| 625   | 73859.0              | 2331152.5          | 13154.9            | 415196.2         |
| 626   | 73592.0              | 2404744.4          | 13107.3            | 428303.5         |
| 627   | 73330.2              | 2478074.6          | 13060.7            | 441364.2         |
| 628   | 73073.6              | 2551148.2          | 13015.0            | 454379.2         |
| 629   | 72450.4              | 2623598.6          | 12904.0            | 467283.2         |
| 630   | 71837.1              | 2695435.8          | 12794.8            | 480077.9         |
| 631   | 71233.8              | 2766669.6          | 12687.3            | 492765.2         |
| 632   | 70409.5              | 2837079.1          | 12540.5            | 505305.7         |
| 633   | 69605.1              | 2906684.2          | 12397.2            | 517702.9         |
| 634   | 68820.4              | 2975504.7          | 12257.5            | 529960.3         |
| 635   | 69331.2              | 3044835.9          | 12348.4            | 542308.7         |
| 636   | 69896.4              | 3114732.2          | 12449.1            | 554757.8         |
| 637   | 70515.9              | 3185248.1          | 12559.4            | 567317.3         |
| 638   | 66297.0              | 3251545.0          | 11808.0            | 579125.2         |
| 639   | 62274.6              | 3313819.6          | 11091.6            | 590216.8         |
| 640   | 58448.8              | 3372268.4          | 10410.2            | 600627.0         |
| 641   | 57396.0              | 3429664.4          | 10222.7            | 610849.7         |
| 642   | 56415.9              | 3486080.4          | 10048.1            | 620897.8         |
| 643   | 55508.5              | 3541588.9          | 9886.5             | 630784.3         |
| 644   | 52768.1              | 3594357.0          | 9398.4             | 640182.7         |
| 645   | 50105.9              | 3644462.8          | 8924.2             | 649106.9         |
| 646   | 47523.5              | 3691986.4          | 8464.3             | 657571.2         |
| 647   | 45021.6              | 3737007.9          | 8018.7             | 665589.9         |



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

BRINE WELL NO. 1  
Wed, Feb 7, 2001

| Depth | Cubic ft.<br>per ft. | Cubic ft.<br>total | Barrels<br>per ft. | Barrels<br>total |
|-------|----------------------|--------------------|--------------------|------------------|
| 648   | 42597.4              | 3779605.3          | 7586.9             | 673176.9         |
| 649   | 40253.3              | 3819858.6          | 7169.4             | 680346.3         |
| 650   | 37987.3              | 3857845.9          | 6765.8             | 687112.1         |
| 651   | 36308.5              | 3894154.5          | 6466.8             | 693578.9         |
| 652   | 35669.8              | 3929824.3          | 6353.1             | 699932.0         |
| 653   | 32957.7              | 3962782.0          | 5870.0             | 705802.0         |
| 654   | 30365.3              | 3993147.3          | 5408.3             | 711210.3         |
| 655   | 28898.0              | 4022045.3          | 5147.0             | 716357.3         |
| 656   | 27472.1              | 4049517.4          | 4893.0             | 721250.3         |
| 657   | 26523.6              | 4076041.1          | 4724.1             | 725974.4         |
| 658   | 25268.8              | 4101309.8          | 4500.6             | 730474.9         |
| 659   | 23814.6              | 4125124.4          | 4241.6             | 734716.5         |
| 660   | 22160.3              | 4147284.8          | 3946.9             | 738663.4         |
| 661   | 20546.8              | 4167831.6          | 3659.5             | 742322.9         |
| 662   | 18359.4              | 4186191.0          | 3269.9             | 745592.9         |
| 663   | 16757.6              | 4202948.6          | 2984.7             | 748577.6         |
| 664   | 13791.3              | 4216739.9          | 2456.3             | 751033.9         |
| 665   | 10106.8              | 4226846.7          | 1800.1             | 752834.0         |
| 666   | 4348.9               | 4231195.6          | 774.6              | 753608.6         |
| 667   | 2158.4               | 4233354.0          | 384.4              | 753993.0         |



LOCO HILLS WATER DISPOSAL  
LOCO HILLS, NM

SONARWIRE, INC  
Depth vs Volume

BRINE WELL NO. 1  
Wed, Feb 7, 2001

Depth in Feet

