

DONDU-1, BASS BASIN TVD CALCULATION 4-7-73

BOTTOM HOLE LOCATION CALCULATIONS USING RADIUS

| COURSE LENGTH | MEASURED DEPTH | TRUE VERTICAL DEPTH | INCLINATION | | DIRECTION | RECTANGULAR NORTH/SOUTH |
|---------------|----------------|---------------------|-------------|-----|------------|-------------------------|
| | | | DEG | MIN | DEG | |
| | 0. | 0. | | | | 0. |
| 2800. | 2800. | 2799. | 2. | 0. | S 40. E | -12.85 S |
| 200. | 3000. | 2999. | 3. | 0. | S 35. E | -19.77 S |
| 200. | 3200. | 3199. | 5. | 0. | S 10. E | -32.56 S |
| 200. | 3400. | 3398. | 6. | 0. | S 20. E | -51.05 S |
| 200. | 3600. | 3596. | 8. | 0. | S 10. E | -74.56 S |
| 200. | 3800. | 3793. | 12. | 0. | S 15. W | -108.99 S |
| 200. | 4000. | 3988. | 14. | 0. | S 20. W | -151.87 S |
| 200. | 4200. | 4182. | 14. | 0. | S 20. W | -197.34 S |
| 200. | 4400. | 4376. | 14. | 30. | S 20. W | -243.60 S |
| 200. | 4600. | 4571. | 12. | 0. | S 20. W | -286.67 S |
| 200. | 4800. | 4767. | 11. | 0. | S 20. W | -324.14 S |
| ** | 4902. | 4867. | | | CHECK SHOT | |
| 200. | 5000. | 4963. | 11. | 30. | S 20. W | -360.80 S |
| 100. | 5100. | 5061. | 11. | 0. | S 30. W | -378.46 S |
| 200. | 5300. | 5258. | 8. | 30. | S 30. W | -407.79 S |
| 100. | 5400. | 5357. | 8. | 0. | S 20. W | -420.78 S |
| 200. | 5600. | 5555. | 7. | 0. | S 30. W | -444.41 S |
| ** | 5638. | 5593. | | | CHECK SHOT | |
| 200. | 5800. | 5754. | 4. | 0. | S 40. W | -460.09 S |
| 200. | 6000. | 5954. | 3. | 0. | S 20. W | -470.61 S |
| 200. | 6200. | 6154. | 2. | 0. | S 20. W | -478.80 S |
| 200. | 6400. | 6354. | 2. | 0. | S 0. E | -485.64 S |
| ** | 6403. | 6357. | | | CHECK SHOT | |
| 200. | 6600. | 6553. | 1. | 30. | S 10. W | -491.72 S |
| 200. | 6800. | 6753. | 1. | 0. | S 0. E | -496.06 S |
| ** | 6820. | 6773. | | | CHECK SHOT | |
| 200. | 7000. | 6953. | 2. | 0. | S 80. W | -499.75 S |
| ** | 7082. | 7035. | | | CHECK SHOT | |
| 200. | 7200. | 7153. | 1. | 0. | N 80. W | -499.75 S |
| 200. | 7400. | 7353. | 1. | 30. | N 60. W | -498.27 S |
| 200. | 7600. | 7553. | 1. | 0. | N 60. W | -496.09 S |
| 200. | 7800. | 7753. | 1. | 0. | N 60. W | -494.34 S |
| ** | 7907. | 7860. | | | CHECK SHOT | |
| 200. | 8000. | 7953. | 1. | 0. | N 0. E | -491.45 S |
| 200. | 8200. | 8153. | 1. | 0. | N 60. W | -488.57 S |
| 200. | 8400. | 8353. | 1. | 0. | N 80. W | -487.38 S |
| 200. | 8600. | 8553. | 1. | 45. | N 85. W | -486.75 S |
| 200. | 8800. | 8753. | 1. | 45. | S 80. W | -487.02 S |
| ** | 8820. | 8773. | | | CHECK SHOT | |
| 200. | 9000. | 8953. | 2. | 0. | S 80. W | -488.16 S |
| 200. | 9200. | 9153. | 2. | 30. | S 70. W | -490.19 S |
| 200. | 9400. | 9352. | 4. | 0. | S 70. W | -494.06 S |
| 100. | 9500. | 9452. | 5. | 0. | N 40. W | -492.16 S |

HORIZONTAL DEPARTURE = 518. FEET AT SOUTH 18.DEG., 2. MIN. WE
