

Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Ave., Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 May 27, 2004

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-025-35957
1. Type of Well: Oil Well ☐ Gas Well ☐ Other X: LPG Storage		5. Indicate Type of Lease STATE X FEE ☐
2. Name of Operator Western Refining Company, LP		6. State Oil & Gas Lease No.
3. Address of Operator PO Box 1345 Jal, New Mexico 88252		7. Lease Name or Unit Agreement Name State LPG Storage Well
4. Well Location Unit Letter M : 1000 feet from the South line and 1230 feet from the West line Section 32 Township 23S Range 37E NMPM Lea County		8. Well Number: 4
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3301 ft.		9. OGRID Number: 248440
		10. Pool name or Wildcat Langlie Mattix

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK X	PLUG AND ABANDON ☐	REMEDIAL WORK X	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
OTHER: ☐		OTHER: ☒	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

See attached brine pressure test procedures

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE



TITLE: **Project Engineer II**

DATE: **2022.03.28**

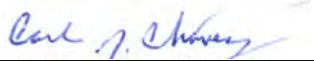
Type or print name: **Sam Flessner**

E-mail address: sjflessner@marathonpetroleum.com

Telephone No. **419.348.4269**

For State Use Only

APPROVED BY:



TITLE

Environmental Engineer

DATE **4-7-2022**

Conditions of Approval (if any):

		Brine MIT		Project No.: TBD			
				Date: April 2022			
		Marathon Petroleum Company LP State LPG Well No. 4 Mechanical Integrity Test		Page: 1 of 5			
Well: Well No. 4		State: New Mexico		County: Lea		Field: Jal Station	
API: 30-025-35957		Operator: Marathon		Location: Jal		Status: Active Storage	
INTRODUCTION Well No. 4 is operated by Marathon Petroleum Company LP (MPC) located in the Jal Station Field in Lea County, New Mexico. The purpose of this Mechanical Integrity Test (MIT) is to test the integrity of the underground storage system that includes the cavern, cemented casing, and wellhead to determine if the system demonstrates the mechanical integrity required to support an extension of required cavern maintenance and testing. In accordance with the Oil Conservation Division of New Mexico, Well No. 4 is undergoing a Brine MIT to remain compliant. The test procedure includes the following information: • Contact Information • Wellbore Schematic • Historic Sonar Survey							
PREPARED BY	DATE	APPROVED BY	DATE	CLIENT APPROVAL	DATE	Lonquist Field Service, LLC	
WHG	04/02/2022					Texas Registration No. F-9147	

		Brine MIT		Project No.: TBD			
				Date: April 2022			
		Marathon Petroleum Company LP State LPG Well No. 4 Mechanical Integrity Test		Page: 2 of 5			
Well: Well No. 4		State: New Mexico		County: Lea		Field: Jal Station	
API: 30-025-35957		Operator: Marathon		Location: Jal		Status: Active Storage	
Well Preparation - Wellhead should be isolated from all surface piping during the test. This may include blind flanges, skillet flanges, and 2" test flanges. - Wellhead should maintain the ability to bleed excess brine pressure during the test. - Install pressure recording equipment on wellhead. Pressure equipment should be able to record wellhead pressures during the test period.							
Well Injection Phase - Start Brine Injection at a slow rate (<1 BPM) until cavern reaches test pressure. - The targeted pressure gradient is 0.75 psi/ft at the effective casing shoe and cannot exceed a test pressure gradient of 0.80 psi/ft at the effective casing shoe. - With injection of 10 ppg brine, the targeted surface pressure is 380 psi and cannot exceed a surface pressure of 464 psi. - Repeat Step 3 daily until the cavern pressure has stabilized. - Monitor volume of brine required each day to reach test gradient							
Mechanical Integrity Test - Repeat Step 3 to reach the targeted test pressure gradient of 0.75 psi/ft. - Surface pressure of 380 psi with injection of 10 ppg brine. - Shut in the well and record wellbore pressures for 4 hours. - Determine if the test is complete or should be extended based on results. - Maximum allowable pressure loss is 1% of test pressure over 4 hours							
Test Reporting A written report will be prepared within 15 days of completion and submitted to the NMOCD. The report will include the test procedures, test chronology, test results and conclusions, pressure information, and all supporting documentation.							
PREPARED BY	DATE	APPROVED BY	DATE	CLIENT APPROVAL	DATE	Lonquist Field Service, LLC	
WHG	04/02/2022					Texas Registration No. F-9147	

		Brine MIT		Project No.: TBD	
				Date: April 2022	
		Marathon Petroleum Company LP State LPG Well No. 4 Mechanical Integrity Test		Page: 3 of 5	
Well: Well No. 4	State: New Mexico	County: Lea		Field: Jal Station	
API: 30-025-35957	Operator: Marathon	Location: Jal		Status: Active Storage	
CONTACT INFORMATION					
Well Owner					
Marathon Petroleum Logistics Services LLC 803 N 300 W Salt Lake City, UT 84103					
▪ Sam Flessner – Owner's Representative - o Telephone – (419) 348-4269 - o Email – sjflessner@marathonpetroleum.com					
Engineering Consultants					
Lonquist Field Service, LLC 1415 Louisiana St., Suite 3800 Houston, Texas 77002					
▪ Richard R. Lonquist, P.E. – Chairman - o Telephone – (512) 732-9812 - o Fax – (512) 732-9816 - o Email – richard@lonquist.com ▪ William H. George, P.E. – Principal Engineer - o Telephone – (512) 787-7478 - o Fax – (512) 732-9816 - o Email – will@lonquist.com					
PREPARED BY	DATE	APPROVED BY	DATE	CLIENT APPROVAL	DATE
WHG	04/02/2022				
					Lonquist Field Service, LLC Texas Registration No. F-9147

		Brine MIT		Project No.: TBD			
		Marathon Petroleum Company LP State LPG Well No. 4 Mechanical Integrity Test		Date: April 2022			
				Page: 4 of 5			
Well: Well No. 4		State: New Mexico		County: Lea		Field: Jal Station	
API: 30-025-35957		Operator: Marathon		Location: Jal		Status: Active Storage	
Wellbore Schematic							
PREPARED BY	DATE	APPROVED BY	DATE	CLIENT APPROVAL	DATE	Lonquist Field Service, LLC	
WHG	04/02/2022					Texas Registration No. F-9147	

		Brine MIT		Project No.: TBD			
		Marathon Petroleum Company LP State LPG Well No. 4 Mechanical Integrity Test		Date: April 2022			
				Page: 5 of 5			
Well: Well No. 4		State: New Mexico		County: Lea		Field: Jal Station	
API: 30-025-35957		Operator: Marathon		Location: Jal		Status: Active Storage	
Historic Sonar Survey							
PREPARED BY	DATE	APPROVED BY	DATE	CLIENT APPROVAL	DATE	Lonquist Field Service, LLC	
WHG	04/02/2022					Texas Registration No. F-9147	

SONARWIRE, INC.

P.O. BOX 576
ABITA SPRINGS, LA 70420
Office: 985-893-9221
Toll free: 888-211-6037
Fax: 985-893-4798
E-mail: gary@sonarwire.com

Survey conducted by: Gary McCool

WESTERN REFINING
JAL, NM
STATE LPG WELL NO. 4
AUGUST 31, 2007
SONAR-THRU-PIPE SURVEY

Survey from 1666 ft. to 2614 ft.
Sonar T.D. at 2616 ft.
9 5/8 inch cemented casing at 1666 ft.
4 1/2 inch tubing at 2607 ft.
Zero sonar tool at B.H.F.
Site personnel: Mr. Jerry Lindt
Lonquist Field Services

SONARWIRE INC.
Depth versus Volume

WESTERN REFINING
JAL, NM

STATE LPG WELL NO. 4
Fri, Aug 31, 2007

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1667	325.6	325.6	58.0	58.0
1668	264.4	589.9	47.1	105.1
1669	209.6	799.5	37.3	142.4
1670	205.7	1005.2	36.6	179.0
1671	201.8	1207.1	36.0	215.0
1672	200.9	1407.9	35.8	250.8
1673	199.9	1607.8	35.6	286.4
1674	198.9	1806.7	35.4	321.8
1675	198.0	2004.8	35.3	357.1
1676	180.0	2184.7	32.1	389.1
1677	163.1	2347.8	29.0	418.2
1678	147.2	2495.0	26.2	444.4
1679	132.4	2627.5	23.6	468.0
1680	69.1	2696.6	12.3	480.3
1681	28.6	2725.2	5.1	485.4
1682	1.3	2726.5	0.2	485.6
1683	1.3	2727.7	0.2	485.8
1684	1.3	2729.0	0.2	486.1
1685	1.3	2730.2	0.2	486.3
1686	1.3	2731.5	0.2	486.5
1687	1.3	2732.7	0.2	486.7
1688	1.3	2734.0	0.2	486.9
1689	1.3	2735.2	0.2	487.2
1690	1.3	2736.5	0.2	487.4
1691	139.8	2876.3	24.9	512.3
1692	135.2	3011.5	24.1	536.4
1693	130.8	3142.3	23.3	559.7
1694	126.4	3268.7	22.5	582.2
1695	122.1	3390.9	21.8	603.9
1696	1.3	3392.1	0.2	604.2
1697	1.3	3393.4	0.2	604.4
1698	1.3	3394.6	0.2	604.6
1699	1.3	3395.9	0.2	604.8
1700	1.3	3397.1	0.2	605.1
1701	116.0	3513.1	20.7	625.7
1702	114.3	3627.4	20.4	646.1
1703	112.6	3740.0	20.1	666.1
1704	111.0	3851.0	19.8	685.9
1705	109.4	3960.3	19.5	705.4
1706	107.7	4068.1	19.2	724.6
1707	106.1	4174.2	18.9	743.5
1708	104.5	4278.7	18.6	762.1
1709	103.0	4381.7	18.3	780.4
1710	101.4	4483.1	18.1	798.5
1711	99.9	4583.0	17.8	816.3
1712	98.3	4681.3	17.5	833.8

WESTERN REFINING
JAL, NM

STATE LPG WELL NO. 4
Fri, Aug 31, 2007

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1713	96.8	4778.1	17.2	851.0
1714	95.1	4873.1	16.9	867.9
1715	93.3	4966.5	16.6	884.6
1716	91.6	5058.1	16.3	900.9
1717	89.9	5148.0	16.0	916.9
1718	88.3	5236.3	15.7	932.6
1719	86.6	5322.9	15.4	948.1
1720	85.0	5407.9	15.1	963.2
1721	83.3	5491.2	14.8	978.0
1722	81.7	5572.9	14.6	992.6
1723	80.1	5653.1	14.3	1006.9
1724	78.6	5731.6	14.0	1020.9
1725	77.0	5808.7	13.7	1034.6
1726	75.5	5884.1	13.4	1048.0
1727	73.9	5958.1	13.2	1061.2
1728	72.4	6030.5	12.9	1074.1
1729	70.9	6101.4	12.6	1086.7
1730	69.5	6170.9	12.4	1099.1
1731	68.0	6238.8	12.1	1111.2
1732	53.6	6292.4	9.5	1120.7
1733	41.6	6334.0	7.4	1128.1
1734	31.9	6365.9	5.7	1133.8
1735	1.3	6367.1	0.2	1134.0
1736	1.3	6368.4	0.2	1134.3
1737	1.3	6369.6	0.2	1134.5
1738	1.3	6370.9	0.2	1134.7
1739	1.3	6372.2	0.2	1134.9
1740	1.3	6373.4	0.2	1135.2
1741	1.3	6374.7	0.2	1135.4
1742	1.3	6375.9	0.2	1135.6
1743	1.3	6377.2	0.2	1135.8
1744	9.7	6386.8	1.7	1137.5
1745	26.6	6413.4	4.7	1142.3
1746	51.9	6465.3	9.2	1151.5
1747	1.3	6466.6	0.2	1151.7
1748	1.3	6467.8	0.2	1152.0
1749	1.3	6469.1	0.2	1152.2
1750	1.3	6470.3	0.2	1152.4
1751	1.3	6471.6	0.2	1152.6
1752	1.3	6472.8	0.2	1152.9
1753	1.3	6474.1	0.2	1153.1
1754	1.3	6475.3	0.2	1153.3
1755	1.3	6476.6	0.2	1153.5
1756	1.3	6477.9	0.2	1153.8
1757	1.3	6479.1	0.2	1154.0
1758	1.3	6480.4	0.2	1154.2
1759	1.3	6481.6	0.2	1154.4
1760	1.3	6482.9	0.2	1154.6

WESTERN REFINING
JAL, NM

STATE LPG WELL NO. 4
Fri, Aug 31, 2007

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1761	1.3	6484.1	0.2	1154.9
1762	8.0	6492.1	1.4	1156.3
1763	19.1	6511.2	3.4	1159.7
1764	35.8	6547.0	6.4	1166.1
1765	1.3	6548.2	0.2	1166.3
1766	1.3	6549.5	0.2	1166.5
1767	1.3	6550.7	0.2	1166.7
1768	1.3	6552.0	0.2	1167.0
1769	1.3	6553.2	0.2	1167.2
1770	1.3	6554.5	0.2	1167.4
1771	1.3	6555.7	0.2	1167.6
1772	54.7	6610.5	9.7	1177.4
1773	54.9	6665.3	9.8	1187.1
1774	55.0	6720.3	9.8	1196.9
1775	55.1	6775.4	9.8	1206.7
1776	55.2	6830.6	9.8	1216.6
1777	55.3	6885.9	9.9	1226.4
1778	55.4	6941.3	9.9	1236.3
1779	55.6	6996.9	9.9	1246.2
1780	55.7	7052.6	9.9	1256.1
1781	55.8	7108.4	9.9	1266.1
1782	54.5	7163.0	9.7	1275.8
1783	53.3	7216.3	9.5	1285.3
1784	52.0	7268.3	9.3	1294.5
1785	50.8	7319.1	9.0	1303.6
1786	49.6	7368.7	8.8	1312.4
1787	48.4	7417.1	8.6	1321.0
1788	47.2	7464.3	8.4	1329.4
1789	46.0	7510.3	8.2	1337.6
1790	44.9	7555.2	8.0	1345.6
1791	43.7	7599.0	7.8	1353.4
1792	42.6	7641.6	7.6	1361.0
1793	41.5	7683.1	7.4	1368.4
1794	40.4	7723.5	7.2	1375.6
1795	39.4	7762.9	7.0	1382.6
1796	39.3	7802.2	7.0	1389.6
1797	39.3	7841.5	7.0	1396.6
1798	39.2	7880.7	7.0	1403.6
1799	39.2	7919.9	7.0	1410.6
1800	39.2	7959.1	7.0	1417.6
1801	39.1	7998.3	7.0	1424.6
1802	39.1	8037.4	7.0	1431.5
1803	39.1	8076.4	7.0	1438.5
1804	39.0	8115.5	7.0	1445.4
1805	39.0	8154.5	6.9	1452.4
1806	39.0	8193.5	6.9	1459.3
1807	39.0	8232.4	6.9	1466.3
1808	38.9	8271.4	6.9	1473.2

WESTERN REFINING
JAL, NM

STATE LPG WELL NO. 4
Fri, Aug 31, 2007

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1809	38.9	8310.3	6.9	1480.1
1810	38.9	8349.1	6.9	1487.0
1811	38.9	8388.0	6.9	1494.0
1812	38.8	8426.9	6.9	1500.9
1813	38.8	8465.7	6.9	1507.8
1814	38.8	8504.5	6.9	1514.7
1815	38.8	8543.3	6.9	1521.6
1816	38.8	8582.1	6.9	1528.5
1817	38.8	8620.9	6.9	1535.4
1818	13.5	8634.4	2.4	1537.8
1819	1.3	8635.6	0.2	1538.1
1820	1.3	8636.9	0.2	1538.3
1821	1.3	8638.1	0.2	1538.5
1822	1.3	8639.4	0.2	1538.7
1823	1.3	8640.6	0.2	1539.0
1824	1.3	8641.9	0.2	1539.2
1825	28.7	8670.6	5.1	1544.3
1826	28.9	8699.5	5.1	1549.4
1827	29.1	8728.6	5.2	1554.6
1828	29.3	8757.9	5.2	1559.8
1829	29.5	8787.4	5.3	1565.1
1830	29.7	8817.2	5.3	1570.4
1831	30.0	8847.1	5.3	1575.7
1832	30.2	8877.3	5.4	1581.1
1833	30.4	8907.7	5.4	1586.5
1834	30.6	8938.4	5.5	1592.0
1835	30.9	8969.2	5.5	1597.5
1836	31.1	9000.3	5.5	1603.0
1837	31.3	9031.6	5.6	1608.6
1838	31.6	9063.2	5.6	1614.2
1839	31.8	9094.9	5.7	1619.9
1840	32.0	9127.0	5.7	1625.6
1841	32.3	9159.2	5.7	1631.3
1842	32.5	9191.7	5.8	1637.1
1843	32.7	9224.5	5.8	1642.9
1844	33.0	9257.5	5.9	1648.8
1845	33.2	9290.7	5.9	1654.7
1846	33.5	9324.2	6.0	1660.7
1847	33.7	9357.9	6.0	1666.7
1848	34.0	9391.9	6.1	1672.8
1849	34.2	9426.1	6.1	1678.9
1850	34.1	9460.2	6.1	1684.9
1851	34.0	9494.2	6.1	1691.0
1852	33.8	9528.1	6.0	1697.0
1853	33.7	9561.8	6.0	1703.0
1854	33.6	9595.4	6.0	1709.0
1855	33.5	9628.8	6.0	1715.0
1856	33.3	9662.1	5.9	1720.9

WESTERN REFINING
JAL, NM

STATE LPG WELL NO. 4
Fri, Aug 31, 2007

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1857	33.2	9695.3	5.9	1726.8
1858	33.1	9728.4	5.9	1732.7
1859	32.9	9761.4	5.9	1738.6
1860	32.8	9794.2	5.8	1744.4
1861	32.7	9826.9	5.8	1750.2
1862	32.6	9859.5	5.8	1756.0
1863	32.4	9891.9	5.8	1761.8
1864	32.3	9924.2	5.8	1767.6
1865	32.2	9956.4	5.7	1773.3
1866	32.1	9988.5	5.7	1779.0
1867	32.0	10020.4	5.7	1784.7
1868	31.8	10052.3	5.7	1790.4
1869	31.7	10084.0	5.6	1796.0
1870	31.6	10115.6	5.6	1801.7
1871	31.5	10147.0	5.6	1807.3
1872	31.3	10178.4	5.6	1812.8
1873	31.2	10209.6	5.6	1818.4
1874	31.1	10240.7	5.5	1823.9
1875	31.0	10271.7	5.5	1829.5
1876	30.9	10302.6	5.5	1835.0
1877	30.8	10333.3	5.5	1840.4
1878	30.6	10363.9	5.5	1845.9
1879	30.5	10394.5	5.4	1851.3
1880	30.4	10424.9	5.4	1856.7
1881	1.3	10426.1	0.2	1857.0
1882	1.3	10427.4	0.2	1857.2
1883	1.3	10428.6	0.2	1857.4
1884	1.3	10429.9	0.2	1857.6
1885	25.7	10455.6	4.6	1862.2
1886	25.7	10481.3	4.6	1866.8
1887	25.7	10507.0	4.6	1871.4
1888	25.7	10532.8	4.6	1876.0
1889	25.8	10558.5	4.6	1880.6
1890	25.8	10584.3	4.6	1885.2
1891	25.8	10610.1	4.6	1889.7
1892	25.8	10635.9	4.6	1894.3
1893	25.8	10661.8	4.6	1898.9
1894	25.9	10687.6	4.6	1903.6
1895	25.9	10713.5	4.6	1908.2
1896	25.9	10739.4	4.6	1912.8
1897	25.9	10765.3	4.6	1917.4
1898	25.9	10791.3	4.6	1922.0
1899	26.0	10817.3	4.6	1926.6
1900	26.0	10843.3	4.6	1931.3
1901	26.0	10869.3	4.6	1935.9
1902	25.9	10895.1	4.6	1940.5
1903	25.7	10920.8	4.6	1945.1
1904	25.5	10946.4	4.5	1949.6

WESTERN REFINING
JAL, NM

STATE LPG WELL NO. 4
Fri, Aug 31, 2007

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1905	25.4	10971.8	4.5	1954.2
1906	25.2	10997.0	4.5	1958.6
1907	25.1	11022.0	4.5	1963.1
1908	24.9	11046.9	4.4	1967.5
1909	24.8	11071.7	4.4	1972.0
1910	24.6	11096.3	4.4	1976.3
1911	24.5	11120.8	4.4	1980.7
1912	24.3	11145.1	4.3	1985.0
1913	24.2	11169.3	4.3	1989.3
1914	24.0	11193.3	4.3	1993.6
1915	23.9	11217.2	4.3	1997.9
1916	23.7	11240.9	4.2	2002.1
1917	23.6	11264.5	4.2	2006.3
1918	23.5	11288.0	4.2	2010.5
1919	23.3	11311.3	4.2	2014.6
1920	23.2	11334.5	4.1	2018.8
1921	23.1	11357.6	4.1	2022.9
1922	23.0	11380.6	4.1	2027.0
1923	22.8	11403.4	4.1	2031.0
1924	23.3	11426.7	4.1	2035.2
1925	23.7	11450.4	4.2	2039.4
1926	24.2	11474.6	4.3	2043.7
1927	24.7	11499.3	4.4	2048.1
1928	25.1	11524.4	4.5	2052.6
1929	25.6	11550.0	4.6	2057.1
1930	26.1	11576.1	4.6	2061.8
1931	26.6	11602.6	4.7	2066.5
1932	27.1	11629.7	4.8	2071.3
1933	27.6	11657.2	4.9	2076.2
1934	27.0	11684.2	4.8	2081.1
1935	26.4	11710.6	4.7	2085.8
1936	25.9	11736.5	4.6	2090.4
1937	25.3	11761.8	4.5	2094.9
1938	24.8	11786.6	4.4	2099.3
1939	24.3	11810.9	4.3	2103.6
1940	23.8	11834.7	4.2	2107.8
1941	23.3	11858.0	4.1	2112.0
1942	22.8	11880.8	4.1	2116.1
1943	22.3	11903.1	4.0	2120.0
1944	22.5	11925.6	4.0	2124.0
1945	22.6	11948.2	4.0	2128.1
1946	22.7	11971.0	4.1	2132.1
1947	22.9	11993.8	4.1	2136.2
1948	23.0	12016.9	4.1	2140.3
1949	23.2	12040.0	4.1	2144.4
1950	23.3	12063.4	4.2	2148.6
1951	23.5	12086.8	4.2	2152.8
1952	23.6	12110.4	4.2	2157.0

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1953	23.8	12134.2	4.2	2161.2
1954	23.9	12158.1	4.3	2165.5
1955	24.1	12182.2	4.3	2169.8
1956	24.4	12206.6	4.3	2174.1
1957	24.7	12231.3	4.4	2178.5
1958	25.0	12256.3	4.5	2182.9
1959	25.3	12281.7	4.5	2187.5
1960	25.6	12307.3	4.6	2192.0
1961	26.0	12333.3	4.6	2196.7
1962	26.3	12359.6	4.7	2201.3
1963	26.6	12386.2	4.7	2206.1
1964	27.0	12413.2	4.8	2210.9
1965	1.3	12414.4	0.2	2211.1
1966	1.3	12415.7	0.2	2211.3
1967	1.3	12416.9	0.2	2211.6
1968	1.3	12418.2	0.2	2211.8
1969	1.3	12419.4	0.2	2212.0
1970	1.3	12420.7	0.2	2212.2
1971	1.3	12422.0	0.2	2212.4
1972	1.3	12423.2	0.2	2212.7
1973	1.3	12424.5	0.2	2212.9
1974	1.3	12425.7	0.2	2213.1
1975	1.3	12427.0	0.2	2213.3
1976	1.3	12428.2	0.2	2213.6
1977	1.3	12429.5	0.2	2213.8
1978	1.3	12430.7	0.2	2214.0
1979	1.3	12432.0	0.2	2214.2
1980	1.3	12433.2	0.2	2214.5
1981	1.3	12434.5	0.2	2214.7
1982	1.3	12435.7	0.2	2214.9
1983	1.3	12437.0	0.2	2215.1
1984	1.3	12438.3	0.2	2215.3
1985	1.3	12439.5	0.2	2215.6
1986	1.3	12440.8	0.2	2215.8
1987	1.3	12442.0	0.2	2216.0
1988	1.3	12443.3	0.2	2216.2
1989	28.1	12471.3	5.0	2221.2
1990	28.4	12499.7	5.1	2226.3
1991	28.7	12528.3	5.1	2231.4
1992	29.0	12557.3	5.2	2236.6
1993	29.3	12586.6	5.2	2241.8
1994	29.6	12616.1	5.3	2247.0
1995	29.9	12646.0	5.3	2252.4
1996	30.2	12676.2	5.4	2257.7
1997	30.5	12706.7	5.4	2263.2
1998	30.8	12737.6	5.5	2268.7
1999	31.2	12768.7	5.5	2274.2
2000	31.5	12800.2	5.6	2279.8

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2001	31.8	12832.0	5.7	2285.5
2002	32.4	12864.5	5.8	2291.3
2003	33.1	12897.5	5.9	2297.2
2004	33.7	12931.3	6.0	2303.2
2005	34.4	12965.6	6.1	2309.3
2006	35.0	13000.7	6.2	2315.5
2007	35.7	13036.4	6.4	2321.9
2008	36.4	13072.7	6.5	2328.4
2009	37.0	13109.7	6.6	2334.9
2010	37.7	13147.5	6.7	2341.7
2011	38.4	13185.9	6.8	2348.5
2012	39.1	13225.0	7.0	2355.5
2013	39.8	13264.8	7.1	2362.6
2014	40.5	13305.3	7.2	2369.8
2015	41.2	13346.5	7.3	2377.1
2016	42.0	13388.5	7.5	2384.6
2017	42.7	13431.2	7.6	2392.2
2018	1.3	13432.4	0.2	2392.4
2019	1.3	13433.7	0.2	2392.6
2020	1.3	13435.0	0.2	2392.9
2021	1.3	13436.2	0.2	2393.1
2022	1.3	13437.5	0.2	2393.3
2023	1.3	13438.7	0.2	2393.5
2024	1.3	13440.0	0.2	2393.8
2025	1.3	13441.2	0.2	2394.0
2026	1.3	13442.5	0.2	2394.2
2027	1.3	13443.7	0.2	2394.4
2028	1.3	13445.0	0.2	2394.7
2029	1.3	13446.2	0.2	2394.9
2030	1.3	13447.5	0.2	2395.1
2031	1.3	13448.7	0.2	2395.3
2032	1.3	13450.0	0.2	2395.5
2033	1.3	13451.3	0.2	2395.8
2034	1.3	13452.5	0.2	2396.0
2035	1.3	13453.8	0.2	2396.2
2036	1.3	13455.0	0.2	2396.4
2037	1.3	13456.3	0.2	2396.7
2038	1.3	13457.5	0.2	2396.9
2039	139.2	13596.8	24.8	2421.7
2040	139.0	13735.8	24.8	2446.5
2041	138.9	13874.7	24.7	2471.2
2042	140.0	14014.7	24.9	2496.1
2043	141.2	14155.9	25.1	2521.3
2044	142.3	14298.2	25.3	2546.6
2045	143.5	14441.7	25.6	2572.2
2046	144.6	14586.3	25.8	2597.9
2047	145.8	14732.1	26.0	2623.9
2048	147.0	14879.1	26.2	2650.1

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2049	148.1	15027.2	26.4	2676.5
2050	149.3	15176.6	26.6	2703.1
2051	150.5	15327.1	26.8	2729.9
2052	151.7	15478.8	27.0	2756.9
2053	152.9	15631.8	27.2	2784.1
2054	154.5	15786.3	27.5	2811.7
2055	156.2	15942.5	27.8	2839.5
2056	157.8	16100.3	28.1	2867.6
2057	159.4	16259.7	28.4	2896.0
2058	161.1	16420.8	28.7	2924.7
2059	162.8	16583.5	29.0	2953.7
2060	164.4	16748.0	29.3	2982.9
2061	166.1	16914.1	29.6	3012.5
2062	167.9	17082.0	29.9	3042.4
2063	169.6	17251.6	30.2	3072.6
2064	171.3	17422.9	30.5	3103.2
2065	172.6	17595.4	30.7	3133.9
2066	173.8	17769.3	31.0	3164.8
2067	175.1	17944.3	31.2	3196.0
2068	176.3	18120.7	31.4	3227.4
2069	177.6	18298.3	31.6	3259.1
2070	178.9	18477.2	31.9	3290.9
2071	180.2	18657.4	32.1	3323.0
2072	181.5	18838.9	32.3	3355.4
2073	182.8	19021.7	32.6	3387.9
2074	191.2	19212.9	34.0	3422.0
2075	199.8	19412.6	35.6	3457.5
2076	208.7	19621.3	37.2	3494.7
2077	217.8	19839.1	38.8	3533.5
2078	227.2	20066.3	40.5	3574.0
2079	236.9	20303.2	42.2	3616.2
2080	246.8	20550.0	44.0	3660.1
2081	257.0	20807.0	45.8	3705.9
2082	248.1	21055.1	44.2	3750.1
2083	239.4	21294.5	42.6	3792.7
2084	230.8	21525.3	41.1	3833.8
2085	222.5	21747.8	39.6	3873.5
2086	214.3	21962.1	38.2	3911.6
2087	206.3	22168.4	36.7	3948.4
2088	198.5	22366.9	35.3	3983.7
2089	190.8	22557.7	34.0	4017.7
2090	183.3	22741.0	32.7	4050.4
2091	176.1	22917.1	31.4	4081.7
2092	177.9	23095.0	31.7	4113.4
2093	179.8	23274.8	32.0	4145.4
2094	181.7	23456.5	32.4	4177.8
2095	183.6	23640.1	32.7	4210.5
2096	185.5	23825.5	33.0	4243.5

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2097	187.4	24013.0	33.4	4276.9
2098	189.4	24202.3	33.7	4310.6
2099	191.3	24393.7	34.1	4344.7
2100	193.3	24586.9	34.4	4379.1
2101	195.3	24782.2	34.8	4413.9
2102	194.0	24976.2	34.6	4448.5
2103	192.8	25169.0	34.3	4482.8
2104	191.6	25360.6	34.1	4516.9
2105	190.4	25550.9	33.9	4550.8
2106	189.2	25740.1	33.7	4584.5
2107	188.0	25928.1	33.5	4618.0
2108	186.8	26114.9	33.3	4651.3
2109	185.7	26300.5	33.1	4684.3
2110	186.2	26486.8	33.2	4717.5
2111	186.8	26673.6	33.3	4750.8
2112	187.4	26861.0	33.4	4784.1
2113	188.0	27049.0	33.5	4817.6
2114	188.6	27237.5	33.6	4851.2
2115	189.2	27426.8	33.7	4884.9
2116	189.8	27616.6	33.8	4918.7
2117	190.5	27807.0	33.9	4952.6
2118	191.1	27998.1	34.0	4986.7
2119	191.7	28189.9	34.1	5020.8
2120	192.4	28382.2	34.3	5055.1
2121	193.1	28575.3	34.4	5089.5
2122	192.2	28767.5	34.2	5123.7
2123	191.3	28958.8	34.1	5157.8
2124	190.5	29149.3	33.9	5191.7
2125	189.7	29339.0	33.8	5225.5
2126	188.9	29527.9	33.6	5259.1
2127	188.1	29716.0	33.5	5292.6
2128	185.0	29901.0	32.9	5325.6
2129	181.9	30082.8	32.4	5358.0
2130	178.9	30261.7	31.9	5389.8
2131	175.9	30437.6	31.3	5421.2
2132	148.7	30586.3	26.5	5447.7
2133	123.8	30710.1	22.0	5469.7
2134	101.3	30811.3	18.0	5487.7
2135	81.2	30892.5	14.5	5502.2
2136	1.3	30893.8	0.2	5502.4
2137	1.3	30895.1	0.2	5502.6
2138	1.3	30896.3	0.2	5502.9
2139	1.3	30897.6	0.2	5503.1
2140	1.3	30898.8	0.2	5503.3
2141	1.3	30900.1	0.2	5503.5
2142	1.3	30901.3	0.2	5503.8
2143	1.3	30902.6	0.2	5504.0
2144	1.3	30903.8	0.2	5504.2

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2145	1.3	30905.1	0.2	5504.4
2146	1.3	30906.3	0.2	5504.7
2147	204.4	31110.7	36.4	5541.1
2148	212.5	31323.2	37.8	5578.9
2149	220.8	31544.0	39.3	5618.2
2150	229.3	31773.3	40.8	5659.1
2151	238.1	32011.4	42.4	5701.5
2152	247.1	32258.6	44.0	5745.5
2153	256.3	32514.9	45.7	5791.2
2154	255.8	32770.7	45.6	5836.7
2155	255.3	33026.0	45.5	5882.2
2156	254.9	33281.0	45.4	5927.6
2157	254.6	33535.6	45.4	5972.9
2158	245.6	33781.2	43.7	6016.7
2159	237.0	34018.2	42.2	6058.9
2160	228.7	34246.9	40.7	6099.6
2161	220.9	34467.8	39.3	6139.0
2162	240.2	34707.9	42.8	6181.8
2163	260.4	34968.3	46.4	6228.1
2164	281.4	35249.7	50.1	6278.2
2165	303.3	35553.0	54.0	6332.3
2166	310.4	35863.5	55.3	6387.6
2167	317.6	36181.1	56.6	6444.1
2168	325.0	36506.1	57.9	6502.0
2169	332.4	36838.4	59.2	6561.2
2170	335.4	37173.9	59.7	6621.0
2171	338.5	37512.3	60.3	6681.2
2172	341.6	37853.9	60.8	6742.1
2173	344.7	38198.7	61.4	6803.5
2174	353.6	38552.3	63.0	6866.5
2175	362.7	38915.0	64.6	6931.1
2176	372.0	39287.0	66.3	6997.3
2177	381.6	39668.6	68.0	7065.3
2178	388.5	40057.1	69.2	7134.5
2179	395.5	40452.6	70.4	7204.9
2180	402.6	40855.2	71.7	7276.6
2181	409.9	41265.1	73.0	7349.6
2182	407.1	41672.2	72.5	7422.1
2183	404.3	42076.5	72.0	7494.1
2184	401.7	42478.2	71.5	7565.7
2185	399.1	42877.3	71.1	7636.8
2186	390.6	43267.8	69.6	7706.3
2187	382.3	43650.2	68.1	7774.4
2188	374.5	44024.7	66.7	7841.1
2189	367.0	44391.7	65.4	7906.5
2190	324.3	44716.0	57.8	7964.3
2191	286.8	45002.8	51.1	8015.3
2192	254.5	45257.3	45.3	8060.7

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2193	227.3	45484.6	40.5	8101.2
2194	250.1	45734.7	44.5	8145.7
2195	277.1	46011.8	49.4	8195.1
2196	308.5	46320.3	54.9	8250.0
2197	344.2	46664.5	61.3	8311.3
2198	324.8	46989.4	57.9	8369.2
2199	306.2	47295.6	54.5	8423.7
2200	288.5	47584.1	51.4	8475.1
2201	271.7	47855.8	48.4	8523.5
2202	257.0	48112.8	45.8	8569.3
2203	243.6	48356.4	43.4	8612.6
2204	231.5	48587.9	41.2	8653.9
2205	220.7	48808.6	39.3	8693.2
2206	299.2	49107.8	53.3	8746.5
2207	392.9	49500.8	70.0	8816.5
2208	501.9	50002.7	89.4	8905.9
2209	626.2	50628.9	111.5	9017.4
2210	644.8	51273.7	114.8	9132.2
2211	663.8	51937.5	118.2	9250.5
2212	683.1	52620.6	121.7	9372.1
2213	702.9	53323.5	125.2	9497.3
2214	701.1	54024.6	124.9	9622.2
2215	699.3	54723.9	124.6	9746.7
2216	697.6	55421.5	124.3	9871.0
2217	696.0	56117.5	124.0	9995.0
2218	690.1	56807.6	122.9	10117.9
2219	684.3	57491.9	121.9	10239.8
2220	678.6	58170.5	120.9	10360.6
2221	672.9	58843.4	119.8	10480.5
2222	687.5	59530.8	122.4	10602.9
2223	702.3	60233.2	125.1	10728.0
2224	717.4	60950.6	127.8	10855.8
2225	732.8	61683.4	130.5	10986.3
2226	663.9	62347.3	118.2	11104.5
2227	598.6	62945.9	106.6	11211.1
2228	537.0	63482.9	95.6	11306.8
2229	479.1	63962.0	85.3	11392.1
2230	460.9	64422.9	82.1	11474.2
2231	443.6	64866.4	79.0	11553.2
2232	427.3	65293.8	76.1	11629.3
2233	412.0	65705.8	73.4	11702.7
2234	288.3	65994.1	51.4	11754.1
2235	186.7	66180.9	33.3	11787.3
2236	107.3	66288.2	19.1	11806.4
2237	50.0	66338.2	8.9	11815.4
2238	2.2	66340.5	0.4	11815.7
2239	2.2	66342.7	0.4	11816.1
2240	2.2	66344.9	0.4	11816.5

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2241	2.2	66347.2	0.4	11816.9
2242	2.2	66349.4	0.4	11817.3
2243	2.2	66351.6	0.4	11817.7
2244	2.2	66353.9	0.4	11818.1
2245	2.2	66356.1	0.4	11818.5
2246	2.2	66358.3	0.4	11818.9
2247	2.2	66360.6	0.4	11819.3
2248	2.2	66362.8	0.4	11819.7
2249	2.2	66365.0	0.4	11820.1
2250	2.2	66367.3	0.4	11820.5
2251	2.2	66369.5	0.4	11820.9
2252	2.2	66371.7	0.4	11821.3
2253	2.2	66374.0	0.4	11821.7
2254	2.2	66376.2	0.4	11822.1
2255	2.2	66378.4	0.4	11822.5
2256	2.2	66380.7	0.4	11822.9
2257	2.2	66382.9	0.4	11823.3
2258	2.2	66385.1	0.4	11823.7
2259	2.2	66387.4	0.4	11824.1
2260	2.2	66389.6	0.4	11824.5
2261	2.2	66391.8	0.4	11824.9
2262	2.2	66394.1	0.4	11825.3
2263	2.2	66396.3	0.4	11825.7
2264	2.2	66398.5	0.4	11826.1
2265	2.2	66400.8	0.4	11826.5
2266	2.2	66403.0	0.4	11826.9
2267	2.2	66405.2	0.4	11827.3
2268	2.2	66407.5	0.4	11827.7
2269	2.2	66409.7	0.4	11828.1
2270	2.2	66411.9	0.4	11828.5
2271	2.2	66414.2	0.4	11828.9
2272	2.2	66416.4	0.4	11829.3
2273	2.2	66418.6	0.4	11829.7
2274	2.2	66420.9	0.4	11830.1
2275	2.2	66423.1	0.4	11830.5
2276	2.2	66425.3	0.4	11830.9
2277	2.2	66427.6	0.4	11831.3
2278	2.2	66429.8	0.4	11831.7
2279	2.2	66432.0	0.4	11832.1
2280	2.2	66434.3	0.4	11832.5
2281	2.2	66436.5	0.4	11832.9
2282	2.2	66438.7	0.4	11833.3
2283	2324.3	68763.1	414.0	12247.2
2284	2336.2	71099.3	416.1	12663.3
2285	2348.3	73447.6	418.2	13081.6
2286	2360.4	75808.0	420.4	13502.0
2287	2372.6	78180.6	422.6	13924.6
2288	2368.5	80549.1	421.8	14346.4

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2289	2364.3	82913.4	421.1	14767.5
2290	2360.3	85273.7	420.4	15187.9
2291	2356.3	87630.0	419.7	15607.6
2292	2374.8	90004.8	423.0	16030.5
2293	2393.6	92398.4	426.3	16456.9
2294	2412.5	94810.9	429.7	16886.6
2295	2431.7	97242.6	433.1	17319.7
2296	2287.6	99530.2	407.4	17727.1
2297	2148.3	101678.4	382.6	18109.7
2298	2013.7	103692.1	358.6	18468.4
2299	1883.8	105575.9	335.5	18803.9
2300	1714.8	107290.7	305.4	19109.3
2301	1554.2	108844.9	276.8	19386.1
2302	1402.1	110247.0	249.7	19635.8
2303	1258.4	111505.4	224.1	19860.0
2304	1084.9	112590.3	193.2	20053.2
2305	924.9	113515.2	164.7	20217.9
2306	778.3	114293.5	138.6	20356.6
2307	645.2	114938.7	114.9	20471.5
2308	290.4	115229.1	51.7	20523.2
2309	89.6	115318.7	16.0	20539.2
2310	1.3	115320.0	0.2	20539.4
2311	1.3	115321.2	0.2	20539.6
2312	1.3	115322.5	0.2	20539.8
2313	1.3	115323.7	0.2	20540.0
2314	1.3	115325.0	0.2	20540.3
2315	1.3	115326.2	0.2	20540.5
2316	1.3	115327.5	0.2	20540.7
2317	1.3	115328.8	0.2	20540.9
2318	1.3	115330.0	0.2	20541.2
2319	1.3	115331.3	0.2	20541.4
2320	1.3	115332.5	0.2	20541.6
2321	1.3	115333.8	0.2	20541.8
2322	1.3	115335.0	0.2	20542.1
2323	1.3	115336.3	0.2	20542.3
2324	1.3	115337.5	0.2	20542.5
2325	1.3	115338.8	0.2	20542.7
2326	1.3	115340.1	0.2	20543.0
2327	1.3	115341.3	0.2	20543.2
2328	1.3	115342.6	0.2	20543.4
2329	1.3	115343.8	0.2	20543.6
2330	1.3	115345.1	0.2	20543.8
2331	1.3	115346.3	0.2	20544.1
2332	1.3	115347.6	0.2	20544.3
2333	1.3	115348.9	0.2	20544.5
2334	1.3	115350.1	0.2	20544.7
2335	123.5	115473.6	22.0	20566.7
2336	428.3	115902.0	76.3	20643.0

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2337	953.5	116855.4	169.8	20812.9
2338	1698.9	118554.3	302.6	21115.4
2339	2664.6	121218.9	474.6	21590.0
2340	2278.8	123497.7	405.9	21995.9
2341	1924.7	125422.4	342.8	22338.7
2342	1602.3	127024.7	285.4	22624.1
2343	1311.6	128336.2	233.6	22857.7
2344	1143.9	129480.2	203.7	23061.4
2345	988.9	130469.1	176.1	23237.5
2346	846.4	131315.5	150.8	23388.3
2347	716.6	132032.1	127.6	23515.9
2348	535.3	132567.4	95.3	23611.3
2349	381.2	132948.6	67.9	23679.2
2350	254.2	133202.8	45.3	23724.4
2351	154.5	133357.3	27.5	23752.0
2352	1.7	133359.0	0.3	23752.3
2353	1.7	133360.7	0.3	23752.6
2354	1.7	133362.4	0.3	23752.9
2355	1.7	133364.1	0.3	23753.2
2356	1.7	133365.8	0.3	23753.5
2357	1.7	133367.5	0.3	23753.8
2358	1.7	133369.2	0.3	23754.1
2359	1.7	133371.0	0.3	23754.4
2360	1.7	133372.7	0.3	23754.7
2361	1.7	133374.4	0.3	23755.0
2362	1.7	133376.1	0.3	23755.3
2363	1.7	133377.8	0.3	23755.6
2364	1.7	133379.5	0.3	23755.9
2365	1.7	133381.2	0.3	23756.2
2366	1.7	133382.9	0.3	23756.5
2367	1.7	133384.6	0.3	23756.8
2368	1.7	133386.3	0.3	23757.1
2369	111.6	133497.9	19.9	23777.0
2370	396.2	133894.1	70.6	23847.6
2371	1.7	133895.9	0.3	23847.9
2372	1.7	133897.6	0.3	23848.2
2373	1.7	133899.3	0.3	23848.5
2374	1.7	133901.0	0.3	23848.8
2375	1.7	133902.7	0.3	23849.1
2376	1.7	133904.4	0.3	23849.4
2377	1.7	133906.1	0.3	23849.7
2378	1.7	133907.8	0.3	23850.0
2379	1.7	133909.5	0.3	23850.3
2380	1.7	133911.2	0.3	23850.6
2381	1.7	133913.0	0.3	23850.9
2382	884.0	134796.9	157.4	24008.4
2383	863.9	135660.9	153.9	24162.2
2384	844.2	136505.1	150.4	24312.6

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2385	824.8	137329.9	146.9	24459.5
2386	805.7	138135.6	143.5	24603.0
2387	786.9	138922.5	140.2	24743.2
2388	768.4	139691.0	136.9	24880.0
2389	750.3	140441.2	133.6	25013.7
2390	732.4	141173.6	130.4	25144.1
2391	714.9	141888.5	127.3	25271.4
2392	697.6	142586.1	124.3	25395.7
2393	680.7	143266.8	121.2	25516.9
2394	573.4	143840.2	102.1	25619.0
2395	477.3	144317.5	85.0	25704.1
2396	392.5	144710.0	69.9	25774.0
2397	318.9	145028.9	56.8	25830.8
2398	255.3	145284.2	45.5	25876.2
2399	202.6	145486.8	36.1	25912.3
2400	160.7	145647.6	28.6	25941.0
2401	129.7	145777.2	23.1	25964.0
2402	474.7	146252.0	84.6	26048.6
2403	1090.9	147342.8	194.3	26242.9
2404	1084.4	148427.3	193.1	26436.0
2405	1078.1	149505.4	192.0	26628.1
2406	1071.9	150577.3	190.9	26819.0
2407	1065.9	151643.2	189.8	27008.8
2408	1059.9	152703.1	188.8	27197.6
2409	1054.0	153757.1	187.7	27385.3
2410	977.8	154734.9	174.2	27559.5
2411	904.8	155639.7	161.2	27720.6
2412	835.1	156474.8	148.7	27869.4
2413	768.6	157243.4	136.9	28006.3
2414	683.1	157926.5	121.7	28127.9
2415	604.0	158530.5	107.6	28235.5
2416	531.2	159061.7	94.6	28330.1
2417	464.6	159526.3	82.8	28412.9
2418	520.2	160046.5	92.7	28505.5
2419	579.2	160625.8	103.2	28608.7
2420	641.7	161267.5	114.3	28723.0
2421	707.5	161975.0	126.0	28849.0
2422	776.8	162751.8	138.4	28987.3
2423	849.5	163601.3	151.3	29138.6
2424	925.6	164526.8	164.8	29303.5
2425	1005.1	165531.9	179.0	29482.5
2426	1088.0	166619.9	193.8	29676.3
2427	1174.3	167794.2	209.2	29885.4
2428	1264.1	169058.2	225.1	30110.6
2429	1357.2	170415.5	241.7	30352.3
2430	1284.0	171699.5	228.7	30581.0
2431	1213.4	172912.9	216.1	30797.1
2432	1145.4	174058.3	204.0	31001.1

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2433	1080.0	175138.4	192.4	31193.5
2434	1069.4	176207.8	190.5	31384.0
2435	1059.0	177266.8	188.6	31572.6
2436	1048.7	178315.5	186.8	31759.4
2437	1038.6	179354.1	185.0	31944.3
2438	1028.7	180382.8	183.2	32127.6
2439	1019.0	181401.8	181.5	32309.1
2440	1051.3	182453.1	187.2	32496.3
2441	1084.2	183537.3	193.1	32689.4
2442	1117.9	184655.2	199.1	32888.5
2443	1152.2	185807.4	205.2	33093.7
2444	1187.2	186994.7	211.5	33305.2
2445	1222.9	188217.6	217.8	33523.0
2446	1259.3	189476.9	224.3	33747.3
2447	1296.3	190773.2	230.9	33978.2
2448	1334.1	192107.3	237.6	34215.8
2449	1372.5	193479.8	244.5	34460.2
2450	1411.6	194891.4	251.4	34711.7
2451	1451.4	196342.8	258.5	34970.2
2452	1491.9	197834.7	265.7	35235.9
2453	1533.0	199367.7	273.0	35508.9
2454	1540.3	200908.0	274.3	35783.3
2455	1553.6	202461.6	276.7	36060.0
2456	1573.2	204034.8	280.2	36340.2
2457	1598.8	205633.6	284.8	36624.9
2458	1191.5	206825.1	212.2	36837.1
2459	877.8	207702.8	156.3	36993.5
2460	657.8	208360.6	117.2	37110.6
2461	531.4	208892.0	94.7	37205.3
2462	293.3	209185.3	52.2	37257.5
2463	142.5	209327.8	25.4	37282.9
2464	53.1	209380.9	9.5	37292.4
2465	2.2	209383.1	0.4	37292.8
2466	2.3	209385.4	0.4	37293.2
2467	2.3	209387.7	0.4	37293.6
2468	2.3	209390.0	0.4	37294.0
2469	2.3	209392.3	0.4	37294.4
2470	2.3	209394.6	0.4	37294.8
2471	2.3	209396.9	0.4	37295.2
2472	2.4	209399.3	0.4	37295.6
2473	2.4	209401.7	0.4	37296.1
2474	2.4	209404.1	0.4	37296.5
2475	2.4	209406.5	0.4	37296.9
2476	2.4	209409.0	0.4	37297.4
2477	2.5	209411.4	0.4	37297.8
2478	2.5	209413.9	0.4	37298.2
2479	2.5	209416.4	0.4	37298.7
2480	2.5	209418.9	0.4	37299.1

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2481	2.5	209421.5	0.5	37299.6
2482	2.6	209424.0	0.5	37300.0
2483	2.6	209426.6	0.5	37300.5
2484	2.6	209429.2	0.5	37301.0
2485	2.6	209431.8	0.5	37301.4
2486	2.6	209434.5	0.5	37301.9
2487	2.7	209437.1	0.5	37302.4
2488	2.7	209439.8	0.5	37302.8
2489	2.7	209442.5	0.5	37303.3
2490	2.7	209445.3	0.5	37303.8
2491	2.7	209448.0	0.5	37304.3
2492	2.8	209450.8	0.5	37304.8
2493	2.8	209453.6	0.5	37305.3
2494	2.8	209456.4	0.5	37305.8
2495	2.8	209459.2	0.5	37306.3
2496	4094.7	213553.9	729.3	38035.6
2497	4044.4	217598.3	720.3	38755.9
2498	3994.8	221593.1	711.5	39467.4
2499	3946.0	225539.1	702.8	40170.3
2500	3897.8	229436.9	694.2	40864.5
2501	3850.4	233287.3	685.8	41550.3
2502	3783.7	237071.0	673.9	42224.2
2503	3719.3	240790.3	662.4	42886.6
2504	3657.1	244447.5	651.4	43538.0
2505	3597.2	248044.7	640.7	44178.7
2506	3521.9	251566.6	627.3	44806.0
2507	3451.8	255018.4	614.8	45420.7
2508	3386.9	258405.3	603.2	46024.0
2509	3327.2	261732.5	592.6	46616.6
2510	3473.7	265206.1	618.7	47235.3
2511	3636.1	268842.2	647.6	47882.9
2512	3814.3	272656.4	679.3	48562.2
2513	4008.3	276664.8	713.9	49276.1
2514	4025.0	280689.7	716.9	49993.0
2515	4053.2	284743.0	721.9	50714.9
2516	4093.1	288836.1	729.0	51443.9
2517	4144.5	292980.6	738.2	52182.1
2518	4445.7	297426.3	791.8	52973.9
2519	4794.1	302220.4	853.9	53827.8
2520	5189.6	307410.0	924.3	54752.1
2521	5632.2	313042.2	1003.1	55755.2
2522	5763.5	318805.7	1026.5	56781.8
2523	5901.1	324706.8	1051.0	57832.8
2524	6045.0	330751.8	1076.7	58909.5
2525	6195.2	336947.0	1103.4	60012.9
2526	6178.5	343125.6	1100.4	61113.3
2527	6162.4	349287.9	1097.6	62210.9
2528	6146.7	355434.7	1094.8	63305.7

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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2529	6131.6	361566.3	1092.1	64397.7
2530	6167.0	367733.3	1098.4	65496.1
2531	6203.4	373936.7	1104.9	66601.0
2532	6240.9	380177.6	1111.6	67712.6
2533	6279.5	386457.1	1118.4	68831.0
2534	6307.8	392765.0	1123.5	69954.5
2535	6337.3	399102.3	1128.7	71083.2
2536	6368.0	405470.2	1134.2	72217.4
2537	6399.8	411870.0	1139.9	73357.2
2538	6360.4	418230.5	1132.8	74490.1
2539	6321.7	424552.2	1125.9	75616.0
2540	6283.5	430835.7	1119.1	76735.2
2541	6245.9	437081.6	1112.4	77847.6
2542	6223.7	443305.3	1108.5	78956.1
2543	6202.0	449507.3	1104.6	80060.7
2544	6180.8	455688.2	1100.9	81161.6
2545	6160.2	461848.3	1097.2	82258.7
2546	6141.7	467990.1	1093.9	83352.6
2547	6123.8	474113.9	1090.7	84443.3
2548	6106.3	480220.2	1087.6	85530.9
2549	6089.3	486309.5	1084.6	86615.5
2550	6113.9	492423.4	1088.9	87704.4
2551	6139.1	498562.5	1093.4	88797.8
2552	6165.0	504727.4	1098.0	89895.9
2553	6191.5	510918.9	1102.7	90998.6
2554	6143.3	517062.2	1094.2	92092.8
2555	6096.1	523158.3	1085.8	93178.5
2556	6049.8	529208.2	1077.5	94256.1
2557	6004.5	535212.7	1069.5	95325.5
2558	5936.2	541148.9	1057.3	96382.8
2559	5868.9	547017.9	1045.3	97428.1
2560	5802.6	552820.5	1033.5	98461.6
2561	5737.3	558557.9	1021.9	99483.5
2562	5520.3	564078.1	983.2	100466.7
2563	5307.9	569386.0	945.4	101412.0
2564	5100.1	574486.1	908.4	102320.4
2565	4896.9	579383.0	872.2	103192.6
2566	4725.8	584108.8	841.7	104034.3
2567	4562.7	588671.4	812.6	104846.9
2568	4407.6	593079.0	785.0	105632.0
2569	4260.6	597339.7	758.8	106390.8
2570	4149.2	601488.9	739.0	107129.8
2571	4041.7	605530.6	719.9	107849.7
2572	3938.0	609468.6	701.4	108551.1
2573	3838.2	613306.8	683.6	109234.7
2574	3765.3	617072.2	670.6	109905.3
2575	3694.7	620766.9	658.1	110563.4
2576	3626.3	624393.2	645.9	111209.2

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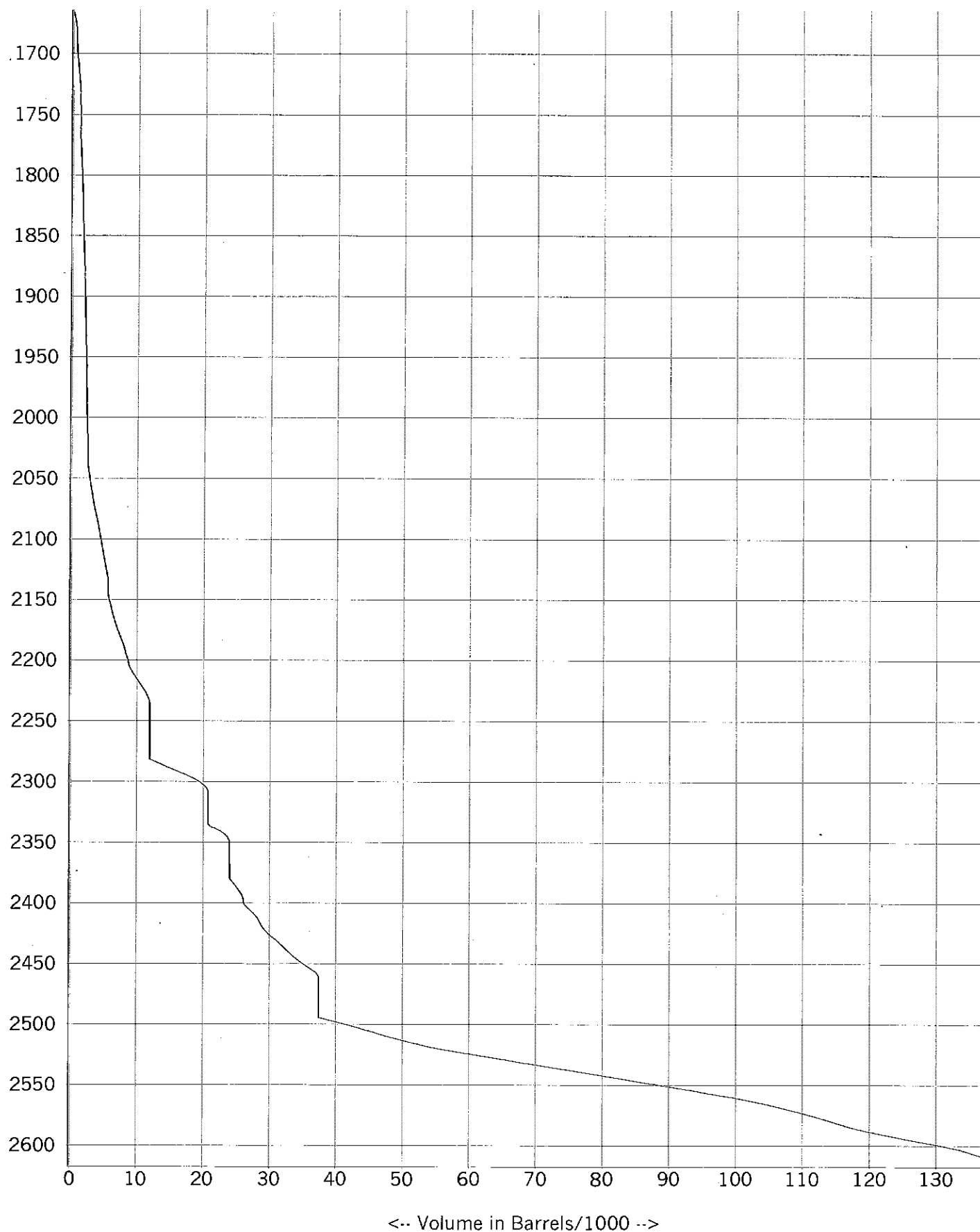
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Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
2577	3545.4	627938.6	631.5	111840.7
2578	3467.8	631406.4	617.6	112458.4
2579	3393.4	634799.8	604.4	113062.7
2580	3366.3	638166.2	599.6	113662.3
2581	3341.5	641507.6	595.1	114257.5
2582	3307.2	644814.8	589.0	114846.5
2583	3276.1	648090.9	583.5	115430.0
2584	3248.3	651339.3	578.6	116008.5
2585	3223.8	654563.0	574.2	116582.7
2586	3556.5	658119.6	633.4	117216.2
2587	3923.6	662043.1	698.8	117915.0
2588	4324.9	666368.0	770.3	118685.3
2589	4760.6	671128.6	847.9	119533.2
2590	4899.7	676028.3	872.7	120405.9
2591	5044.2	681072.5	898.4	121304.3
2592	5194.2	686266.7	925.1	122229.4
2593	5349.6	691616.3	952.8	123182.2
2594	5395.0	697011.3	960.9	124143.1
2595	5442.2	702453.5	969.3	125112.4
2596	5491.3	707944.8	978.0	126090.4
2597	5542.2	713487.1	987.1	127077.5
2598	5481.1	718968.1	976.2	128053.8
2599	5425.4	724393.5	966.3	129020.1
2600	5375.3	729768.8	957.4	129977.5
2601	5330.7	735099.6	949.4	130926.9
2602	4867.5	739967.0	866.9	131793.8
2603	4431.0	744398.0	789.2	132583.0
2604	4021.3	748419.4	716.2	133299.3
2605	3638.5	752057.9	648.0	133947.3
2606	3536.1	755594.0	629.8	134577.1
2607	3440.6	759034.5	612.8	135189.9
2608	3351.9	762386.5	597.0	135786.9
2609	3270.2	765656.7	582.4	136369.4
2610	1082.7	766739.4	192.8	136562.2
2611	95.0	766834.4	16.9	136579.1
2612	86.4	766920.8	15.4	136594.5
2613	78.8	766999.6	14.0	136608.5
2614	50.9	767050.5	9.1	136617.6
2615	30.4	767080.9	5.4	136623.0
2616	14.9	767095.9	2.7	136625.7

WESTERN REFINING
JAL, NM

SONARWIRE, INC
Depth -vs- Volume

STATE LPG WELL NO. 4
Fri, Aug 31, 2007



SONARWIRE INC.
Max Radius & Depth vs Bearing

WESTERN REFINING
JAL, NM

STATE LPG WELL NO. 4
Fri, Aug 31, 2007

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.

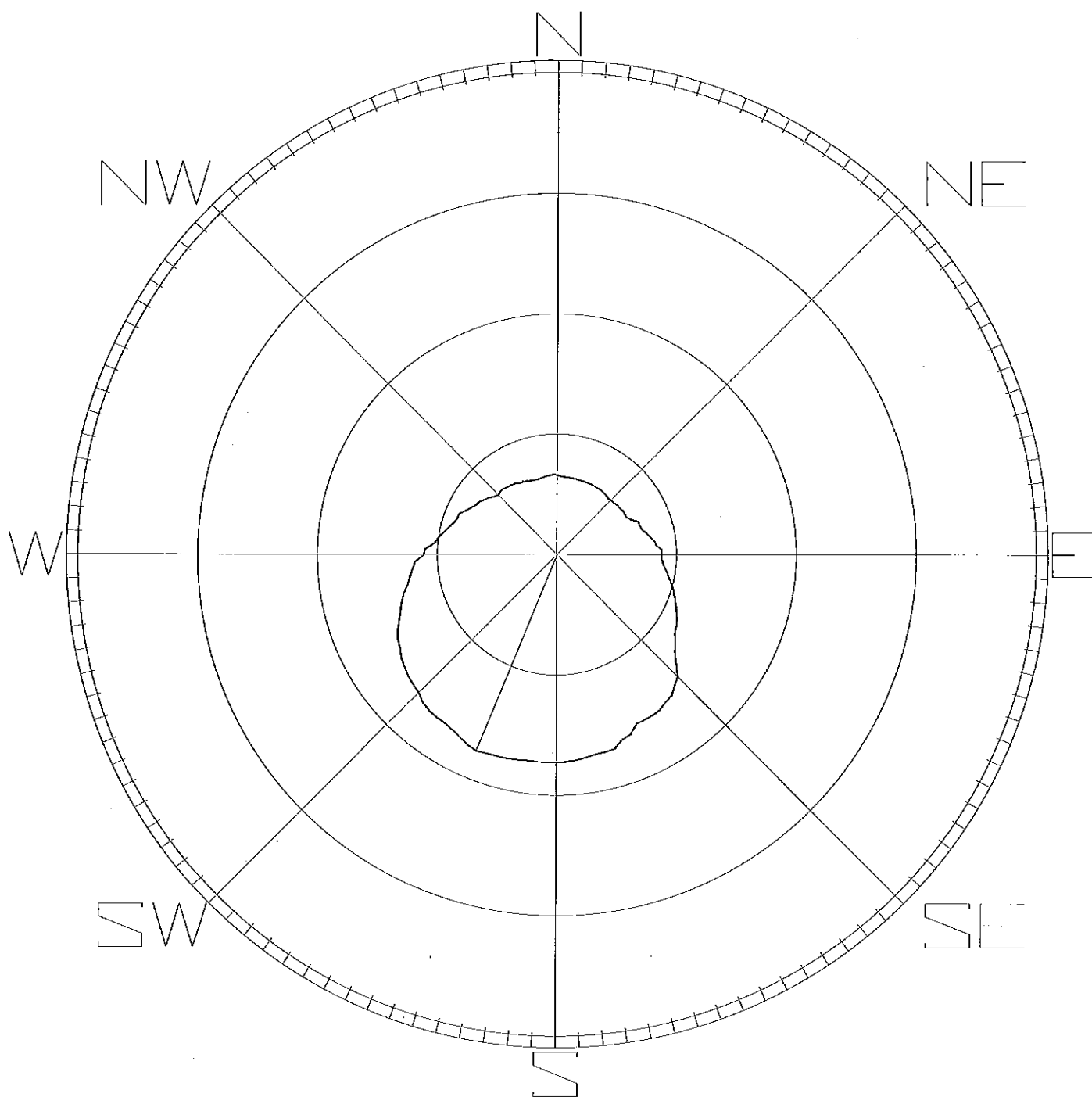
Bearing	+0.0	+2.8	+5.6	+8.4
0.0	26.5: 2338	26.1: 2338	26.0: 2338	26.0: 2338
11.3	26.0: 2338	26.0: 2338	26.0: 2338	26.0: 2338
22.5	26.0: 2338	26.0: 2338	26.0: 2338	26.0: 2338
33.8	26.0: 2338	25.7: 2338	25.6: 2338	25.3: 2338
45.0	25.6: 2338	25.7: 2338	26.0: 2338	26.0: 2338
56.3	26.3: 2532	26.3: 2532	26.3: 2532	27.4: 2532
67.5	29.1: 2532	29.1: 2532	29.4: 2532	30.5: 2532
78.8	31.3: 2532	32.7: 2532	33.2: 2536	34.9: 2532
90.0	34.9: 2532	34.9: 2532	35.7: 2536	36.8: 2536
101.3	37.9: 2536	39.3: 2536	40.4: 2552	41.7: 2536
112.5	42.8: 2536	43.9: 2536	45.4: 2532	46.3: 2532
123.8	47.2: 2528	49.0: 2552	50.7: 2548	53.5: 2596
135.0	56.9: 2596	58.3: 2596	60.3: 2596	60.9: 2596
146.3	61.7: 2596	62.0: 2596	62.0: 2596	62.0: 2544
157.5	64.3: 2532	65.1: 2532	67.0: 2532	67.3: 2532
168.8	67.3: 2532	67.9: 2532	68.4: 2552	68.7: 2532
180.0	69.0: 2532	69.0: 2532	69.0: 2532	69.0: 2532
191.3	69.3: 2596	69.6: 2596	69.7: 2600	70.0: 2600
202.5	70.4: 2596	69.9: 2596	68.7: 2596	67.8: 2536
213.8	67.3: 2536	67.3: 2536	67.0: 2536	66.4: 2536
225.0	65.1: 2536	64.5: 2536	64.0: 2536	63.2: 2536
236.3	62.3: 2536	61.0: 2536	60.1: 2536	58.8: 2536
247.5	57.0: 2516	55.5: 2536	54.1: 2536	52.7: 2536
258.8	50.8: 2536	49.6: 2520	48.5: 2520	47.5: 2536
270.0	44.5: 2524	44.0: 2524	41.2: 2528	40.0: 2548
281.3	38.6: 2548	37.3: 2556	36.2: 2556	35.4: 2528
292.5	35.4: 2528	34.0: 2540	33.0: 2528	32.0: 2524
303.8	31.4: 2524	30.6: 2524	29.8: 2524	28.7: 2524
315.0	28.0: 2338	28.3: 2338	28.3: 2338	28.0: 2338
326.3	27.9: 2338	27.6: 2338	26.9: 2338	26.8: 2338
337.5	26.5: 2338	26.1: 2338	26.0: 2338	26.0: 2338
348.8	26.1: 2338	26.4: 2338	26.5: 2338	26.8: 2338

Between 1666 and 2616 foot depths, maximum radius was 70.4 feet at bearing 202.5 at 2596.0 foot depth

WESTERN REFINING
STATE LPG WELL NO. 4
JAL, NM

SONARWIRE, INC
Max Range vs Bearing

Max Radius= 70.4 ft @ 202.5 deg
Depth= 2596 ft. Fri, Aug 31, 2007



1 inch = 50.0 ft.

160 140 120 100 80 60 40 20 0 20 40 60 80 100 120 140 160

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

WESTERN REFINING
JAL, NM

STATE LPG WELL NO. 4
Fri, Aug 31, 2007

Depth	Avg Rad ft.	Min Rad ft @ Az	Max Rad ft @ Az	Min Dia ft @ Az	Max Dia ft @ Az
1666	11	10 @ 275.7	11 @ 191.3	20 @ 16.9-196.9	21 @ 160.4-340.4
1668	9	8 @ 140.7	9 @ 199.7	17 @ 73.2-253.2	17 @ 42.2-222.2
1670	9	8 @ 309.4	9 @ 194.1	16 @ 163.2-343.2	17 @ 14.1-194.1
1674	8	8 @ 351.6	9 @ 188.5	16 @ 137.9-317.9	17 @ 47.9-227.9
1678	7	5 @ 16.9	8 @ 216.6	12 @ 16.9-196.9	15 @ 90.0-270.1
1680	3	2 @ 8.5	5 @ 115.4	5 @ 70.4-250.4	7 @ 104.1-284.1
1681	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1689	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1690	7	7 @ 343.2	8 @ 199.7	13 @ 151.9-331.9	14 @ 19.7-199.7
1694	7	6 @ 16.9	7 @ 180.1	13 @ 56.3-236.3	13 @ 171.6-351.6
1695	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1699	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1700	7	6 @ 309.4	7 @ 191.3	12 @ 192.9-272.9	13 @ 19.7-199.7
1712	6	6 @ 36.6	6 @ 199.7	11 @ 70.4-250.4	12 @ 8.5-188.5
1730	5	5 @ 351.6	5 @ 196.9	9 @ 135.1-315.1	10 @ 19.7-199.7
1733	4	1 @ 16.9	4 @ 95.7	5 @ 19.7-199.7	8 @ 101.3-281.3
1734	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1742	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1745	4	2 @ 14.1	6 @ 73.2	6 @ 8.5-188.5	10 @ 92.9-272.9
1746	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1760	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1761	2	2 @ 81.6	3 @ 216.6	3 @ 135.1-315.1	4 @ 33.8-213.8
1763	4	3 @ 239.1	4 @ 180.1	6 @ 59.1-239.1	8 @ 104.1-284.1
1764	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1770	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1771	5	4 @ 298.2	5 @ 177.2	8 @ 118.2-298.2	9 @ 160.4-340.4
1780	5	4 @ 357.2	5 @ 211.0	9 @ 129.4-309.4	9 @ 31.0-211.0
1794	4	4 @ 270.1	4 @ 182.9	7 @ 73.2-253.2	8 @ 143.5-323.5
1816	4	4 @ 56.3	4 @ 188.5	7 @ 19.7-199.7	8 @ 42.2-222.2
1818	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1823	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1824	4	3 @ 337.6	4 @ 180.1	6 @ 53.5-233.5	7 @ 22.6-202.6
1848	4	3 @ 36.6	4 @ 171.6	7 @ 76.0-256.0	8 @ 171.6-351.6
1879	4	3 @ 61.9	4 @ 196.9	6 @ 47.9-227.9	7 @ 87.2-267.2
1880	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1883	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1884	3	3 @ 2.9	4 @ 227.9	6 @ 5.7-185.7	7 @ 140.7-320.7
1900	3	3 @ 16.9	4 @ 275.7	6 @ 16.9-196.9	7 @ 90.0-270.1
1912	3	3 @ 81.6	4 @ 281.3	6 @ 67.5-247.6	6 @ 95.7-275.7
1922	3	3 @ 289.7	4 @ 180.1	6 @ 109.7-289.7	6 @ 8.5-188.5
1932	3	3 @ 281.3	4 @ 205.4	6 @ 61.9-241.9	7 @ 171.6-351.6
1942	3	3 @ 45.0	4 @ 225.1	6 @ 59.1-239.1	6 @ 19.7-199.7
1954	3	3 @ 2.9	4 @ 180.1	6 @ 121.0-301.0	6 @ 166.0-346.0
1963	3	3 @ 357.2	4 @ 208.2	6 @ 163.2-343.2	7 @ 33.8-213.8
1964	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1987	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
1988	3	3 @ 357.2	4 @ 185.7	6 @ 64.7-244.7	7 @ 5.7-185.7

WESTERN REFINING
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Depth	Avg Rad ft.	Min Rad ft @ Az	Max Rad ft @ Az	Min Dia ft @ Az	Max Dia ft @ Az
2000	4	3 @ 343.2	4 @ 140.7	6 @ 53.5-233.5	7 @ 126.6-306.6
2016	4	4 @ 309.4	5 @ 247.6	8 @ 84.4-264.4	8 @ 22.6-202.6
2017	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
2037	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
2038	7	7 @ 76.0	8 @ 208.2	13 @ 140.7-320.7	14 @ 2.9-182.9
2040	7	7 @ 36.6	8 @ 258.8	13 @ 36.6-216.6	14 @ 146.3-326.3
2052	7	7 @ 81.6	8 @ 236.3	14 @ 87.2-267.2	15 @ 149.1-329.1
2063	8	7 @ 33.8	9 @ 225.1	15 @ 76.0-256.0	16 @ 112.6-292.6
2072	8	7 @ 22.6	9 @ 199.7	15 @ 95.7-275.7	16 @ 2.9-182.9
2080	9	7 @ 323.5	11 @ 253.2	17 @ 106.9-286.9	20 @ 64.7-244.7
2090	8	7 @ 0.1	9 @ 194.1	15 @ 106.9-286.9	16 @ 25.4-205.4
2100	8	7 @ 354.4	9 @ 180.1	16 @ 47.9-227.9	17 @ 22.6-202.6
2108	8	7 @ 19.7	9 @ 180.1	15 @ 160.4-340.4	16 @ 36.6-216.6
2120	8	6 @ 343.2	10 @ 191.3	15 @ 67.5-247.6	17 @ 11.3-191.3
2126	8	7 @ 33.8	10 @ 171.6	15 @ 70.4-250.4	17 @ 171.6-351.6
2130	8	6 @ 5.7	9 @ 225.1	14 @ 61.9-241.9	16 @ 112.6-292.6
2134	5	4 @ 5.7	7 @ 182.9	10 @ 163.2-343.2	11 @ 76.0-256.0
2135	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
2145	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
2146	8	7 @ 19.7	11 @ 230.7	15 @ 112.6-292.6	18 @ 47.9-227.9
2152	9	7 @ 2.9	12 @ 222.2	18 @ 101.3-281.3	19 @ 42.2-222.2
2156	9	7 @ 320.7	12 @ 219.4	17 @ 140.7-320.7	20 @ 56.3-236.3
2160	9	7 @ 8.5	11 @ 196.9	16 @ 90.0-270.1	18 @ 0.1-180.1
2164	10	8 @ 36.6	13 @ 219.4	19 @ 67.5-247.6	21 @ 160.4-340.4
2168	11	8 @ 33.8	13 @ 202.6	20 @ 33.8-213.8	21 @ 5.7-185.7
2172	11	8 @ 16.9	13 @ 222.2	21 @ 81.6-261.6	22 @ 36.6-216.6
2176	11	9 @ 8.5	14 @ 188.5	21 @ 98.5-278.5	23 @ 160.4-340.4
2180	12	9 @ 14.1	15 @ 171.6	22 @ 98.5-278.5	24 @ 61.9-241.9
2184	12	9 @ 22.6	15 @ 202.6	22 @ 76.0-256.0	24 @ 0.1-180.1
2188	11	9 @ 33.8	15 @ 182.9	19 @ 101.3-281.3	24 @ 177.2-357.2
2192	8	3 @ 309.4	13 @ 222.2	11 @ 90.0-270.1	22 @ 168.8-348.8
2196	11	7 @ 354.4	14 @ 182.9	20 @ 174.4-354.4	22 @ 118.2-298.2
2200	10	6 @ 59.1	13 @ 168.8	17 @ 59.1-239.1	20 @ 0.1-180.1
2204	9	4 @ 42.2	13 @ 182.9	14 @ 31.0-211.0	20 @ 163.2-343.2
2208	14	11 @ 2.9	18 @ 185.7	27 @ 70.4-250.4	29 @ 146.3-326.3
2212	15	12 @ 2.9	19 @ 180.1	29 @ 81.6-261.6	31 @ 0.1-180.1
2216	15	12 @ 2.9	18 @ 191.3	29 @ 112.6-292.6	31 @ 160.4-340.4
2220	15	12 @ 22.6	18 @ 188.5	29 @ 22.6-202.6	30 @ 98.5-278.5
2224	16	12 @ 351.6	19 @ 194.1	29 @ 76.0-256.0	32 @ 106.9-286.9
2228	13	10 @ 346.0	17 @ 202.6	23 @ 109.7-289.7	26 @ 177.2-357.2
2232	12	8 @ 343.2	17 @ 202.6	19 @ 95.7-275.7	25 @ 28.2-208.2
2236	4	3 @ 326.3	6 @ 191.3	7 @ 109.7-289.7	10 @ 19.7-199.7
2237	1	1 @ 357.2	1 @ 0.1	2 @ 0.1-180.1	2 @ 0.1-180.1
2281	1	1 @ 357.2	1 @ 0.1	2 @ 0.1-180.1	2 @ 0.1-180.1
2282	28	25 @ 357.2	31 @ 182.9	54 @ 73.2-253.2	56 @ 126.6-306.6
2286	28	25 @ 14.1	32 @ 188.5	54 @ 92.9-272.9	56 @ 143.5-323.5
2290	28	25 @ 357.2	32 @ 182.9	54 @ 78.8-258.8	56 @ 2.9-182.9
2294	28	25 @ 22.6	32 @ 205.4	54 @ 126.6-306.6	57 @ 0.1-180.1
2298	25	21 @ 19.7	30 @ 188.5	47 @ 121.0-301.0	52 @ 8.5-188.5
2302	20	16 @ 357.2	25 @ 202.6	38 @ 106.9-286.9	42 @ 154.7-334.7

WESTERN REFINING
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Depth	Avg Rad ft.	Min Rad ft @ Az	Max Rad ft @ Az	Min Dia ft @ Az	Max Dia ft @ Az
2306	14	11 @ 11.3	20 @ 196.9	27 @ 109.7-289.7	30 @ 16.9-196.9
2308	5	1 @ 357.2	10 @ 275.7	6 @ 104.1-284.1	11 @ 95.7-275.7
2309	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
2333	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
2334	6	2 @ 19.7	10 @ 135.1	10 @ 39.4-219.4	14 @ 123.8-303.8
2338	30	26 @ 42.2	35 @ 202.6	56 @ 112.6-292.6	61 @ 22.6-202.6
2342	21	18 @ 284.1	25 @ 213.8	37 @ 104.1-284.1	45 @ 11.3-191.3
2346	15	12 @ 334.7	21 @ 225.1	27 @ 157.6-337.6	36 @ 45.0-225.1
2350	7	5 @ 239.1	11 @ 196.9	11 @ 104.1-284.1	17 @ 16.9-196.9
2351	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
2367	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
2369	11	6 @ 11.3	18 @ 216.6	18 @ 84.4-264.4	24 @ 154.7-334.7
2370	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
2380	1	1 @ 0.1	1 @ 357.2	2 @ 0.1-180.1	2 @ 0.1-180.1
2381	17	10 @ 22.6	23 @ 211.0	30 @ 109.7-289.7	34 @ 135.1-315.1
2392	14	8 @ 45.0	22 @ 146.3	25 @ 84.4-264.4	33 @ 126.6-306.6
2396	9	4 @ 42.2	17 @ 185.7	14 @ 123.8-303.8	21 @ 5.7-185.7
2400	6	2 @ 50.7	14 @ 194.1	9 @ 70.4-250.4	19 @ 14.1-194.1
2402	18	11 @ 19.7	28 @ 160.4	33 @ 121.0-301.0	39 @ 160.4-340.4
2408	18	11 @ 11.3	27 @ 160.4	33 @ 126.6-306.6	38 @ 160.4-340.4
2412	16	11 @ 11.3	23 @ 180.1	27 @ 101.3-281.3	33 @ 0.1-180.1
2416	12	6 @ 357.2	20 @ 180.1	19 @ 115.4-295.4	26 @ 19.7-199.7
2428	20	13 @ 11.3	31 @ 194.1	37 @ 106.9-286.9	44 @ 174.4-354.4
2432	18	10 @ 0.1	28 @ 216.6	31 @ 135.1-315.1	38 @ 36.6-216.6
2438	17	10 @ 2.9	29 @ 191.3	30 @ 118.2-298.2	39 @ 11.3-191.3
2452	21	10 @ 19.7	38 @ 191.3	33 @ 137.9-317.9	49 @ 8.5-188.5
2456	20	6 @ 50.7	40 @ 194.1	27 @ 92.9-272.9	51 @ 11.3-191.3
2460	12	5 @ 180.1	27 @ 222.2	15 @ 0.1-180.1	39 @ 42.2-222.2
2462	7	2 @ 92.9	14 @ 219.4	10 @ 106.9-286.9	18 @ 39.4-219.4
2463	4	1 @ 180.1	10 @ 258.8	3 @ 56.3-236.3	11 @ 78.8-258.8
2464	1	1 @ 357.2	1 @ 0.1	2 @ 0.1-180.1	2 @ 0.1-180.1
2494	1	1 @ 357.2	1 @ 0.1	2 @ 0.1-180.1	2 @ 0.1-180.1
2495	35	19 @ 8.5	54 @ 205.4	64 @ 90.0-270.1	73 @ 39.4-219.4
2500	33	18 @ 5.7	54 @ 196.9	60 @ 98.5-278.5	72 @ 39.4-219.4
2504	32	16 @ 8.5	54 @ 208.2	54 @ 87.2-267.2	71 @ 28.2-208.2
2508	30	12 @ 47.9	54 @ 211.0	47 @ 115.4-295.4	67 @ 16.9-196.9
2512	31	9 @ 56.3	64 @ 196.9	41 @ 104.1-284.1	79 @ 14.1-194.1
2516	30	10 @ 25.4	62 @ 188.5	35 @ 95.7-275.7	74 @ 2.9-182.9
2520	39	20 @ 19.7	68 @ 177.2	65 @ 104.1-284.1	89 @ 5.7-185.7
2524	41	20 @ 8.5	69 @ 182.9	72 @ 104.1-284.1	89 @ 177.2-357.2
2528	41	21 @ 25.4	69 @ 196.9	74 @ 92.9-272.9	90 @ 11.3-191.3
2532	42	20 @ 2.9	70 @ 199.7	71 @ 109.7-289.7	90 @ 19.7-199.7
2536	42	21 @ 11.3	69 @ 202.6	75 @ 95.7-275.7	89 @ 2.9-182.9
2540	42	21 @ 0.1	69 @ 199.7	75 @ 106.9-286.9	90 @ 16.9-196.9
2544	41	20 @ 8.5	69 @ 194.1	74 @ 84.4-264.4	90 @ 0.1-180.1
2548	41	20 @ 0.1	69 @ 196.9	72 @ 112.6-292.6	89 @ 16.9-196.9
2552	41	20 @ 0.1	70 @ 191.3	73 @ 95.7-275.7	90 @ 11.3-191.3
2556	41	20 @ 2.9	69 @ 196.9	72 @ 98.5-278.5	89 @ 16.9-196.9
2560	40	20 @ 22.6	66 @ 199.7	71 @ 106.9-286.9	85 @ 28.2-208.2
2564	37	18 @ 16.9	62 @ 182.9	65 @ 109.7-289.7	80 @ 2.9-182.9

WESTERN REFINING
JAL, NM

STATE LPG WELL NO. 4
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Depth	Avg Rad ft.	Min Rad ft @ Az	Max Rad ft @ Az	Min Dia ft @ Az	Max Dia ft @ Az
2568	33	13 @ 14.1	62 @ 185.7	54 @ 106.9-286.9	75 @ 5.7-185.7
2572	30	9 @ 16.9	61 @ 188.5	48 @ 109.7-289.7	70 @ 8.5-188.5
2575	29	9 @ 16.9	60 @ 182.9	44 @ 101.3-281.3	69 @ 2.9-182.9
2578	28	8 @ 19.7	59 @ 188.5	40 @ 115.4-295.4	67 @ 8.5-188.5
2580	27	8 @ 22.6	60 @ 188.5	36 @ 104.1-284.1	68 @ 8.5-188.5
2584	26	5 @ 5.7	60 @ 188.5	27 @ 106.9-286.9	65 @ 14.1-194.1
2588	34	12 @ 11.3	68 @ 211.0	54 @ 115.4-295.4	81 @ 31.0-211.0
2592	37	15 @ 357.2	70 @ 199.7	66 @ 129.4-309.4	85 @ 16.9-196.9
2596	38	14 @ 357.2	71 @ 202.6	65 @ 101.3-281.3	87 @ 25.4-205.4
2600	37	15 @ 357.2	71 @ 199.7	59 @ 121.0-301.0	86 @ 19.7-199.7
2604	30	9 @ 5.7	58 @ 188.5	43 @ 126.6-306.6	68 @ 31.0-211.0
2608	27	7 @ 31.0	58 @ 180.1	35 @ 109.7-289.7	66 @ 177.2-357.2
2610	6	5 @ 191.3	11 @ 171.6	9 @ 59.1-239.1	16 @ 171.6-351.6
2612	5	4 @ 239.1	9 @ 163.2	8 @ 59.1-239.1	14 @ 163.2-343.2
2614	4	2 @ 67.5	4 @ 180.1	6 @ 67.5-247.6	8 @ 160.4-340.4
2616	2	2 @ 357.2	2 @ 0.1	3 @ 0.1-180.1	3 @ 0.1-180.1

SONARWIRE INC.
Wall Ranges versus Depth (ft.)

WESTERN REFINING
JAL, NM

STATE LPG WELL NO. 4
Fri, Aug 31, 2007

Depth	Tilt	N	NE	E	SE	S	SW	W	NW
1666	0	9.8	10.1	10.4	10.2	10.5	10.2	9.8	10.0
1668	0	8.3	8.2	8.4	8.2	8.2	8.4	8.1	8.1
1670	0	8.1	8.2	8.2	8.0	8.2	7.9	8.0	7.9
1674	0	7.7	8.1	7.9	7.8	8.2	8.1	7.9	7.8
1678	0	5.1	5.5	7.2	6.7	7.1	7.4	7.3	5.5
1680	0	1.5	1.5	2.6	4.5	4.4	3.5	2.2	1.5
1681	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1689	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1690	0	6.5	6.5	6.7	6.7	6.9	6.9	7.0	6.4
1694	0	6.0	6.1	6.1	6.1	6.7	6.4	6.4	6.2
1695	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1699	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1700	0	5.9	6.0	5.9	6.1	6.4	6.3	6.0	5.9
1712	0	5.5	5.3	5.4	5.7	5.8	5.8	5.6	5.5
1730	0	4.5	4.6	4.6	4.5	4.7	4.7	4.7	4.4
1733	0	1.3	3.0	3.8	4.0	3.7	3.3	3.2	3.2
1734	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1742	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1745	0	1.2	4.6	4.9	4.6	4.6	4.5	4.6	1.3
1746	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1760	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1761	0	1.9	1.4	1.1	1.1	1.3	2.0	2.0	1.7
1763	0	3.2	3.2	3.3	3.6	3.8	3.3	3.5	3.3
1764	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1770	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1771	0	3.9	4.2	4.4	4.3	4.5	4.1	4.2	3.9
1780	0	4.0	4.1	4.2	4.4	4.4	4.4	4.1	4.1
1794	0	3.3	3.6	3.7	3.7	4.0	3.4	3.2	3.5
1816	0	3.3	3.6	3.3	3.3	3.9	3.8	3.7	3.6
1818	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1823	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1824	0	2.5	2.7	3.2	3.3	3.8	3.0	2.8	2.9
1848	0	3.3	2.8	3.0	3.3	3.7	3.5	3.4	3.5
1879	0	2.9	2.8	3.2	3.2	3.2	3.2	3.3	3.2
1880	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1883	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1884	0	2.7	2.6	2.7	2.9	2.7	2.9	2.9	3.1
1900	0	2.6	2.7	3.1	3.2	3.1	3.1	3.1	2.7
1912	0	2.7	2.7	2.5	2.7	2.7	2.8	2.9	2.9
1922	0	2.5	2.6	2.7	2.7	3.1	2.7	2.5	2.5
1932	0	2.9	3.3	2.8	3.2	3.2	2.8	2.7	2.8
1942	0	2.5	2.1	2.5	2.8	2.8	3.2	2.9	2.4
1954	0	2.5	2.6	2.7	2.8	3.2	2.7	2.8	2.6
1963	0	2.7	2.9	3.1	3.1	3.1	2.9	2.9	2.8
1964	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1987	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1988	0	2.7	3.2	3.2	3.3	3.4	2.8	2.7	2.8

WESTERN REFINING
JAL, NM

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Fri, Aug 31, 2007

Depth	Tilt	N	NE	E	SE	S	SW	W	NW
2000	0	3.1	2.9	3.1	3.4	3.4	3.2	3.2	3.3
2016	0	3.5	3.6	3.7	3.8	3.8	3.9	3.5	3.4
2017	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2037	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2038	0	6.5	6.3	6.3	6.5	7.1	6.8	6.8	6.7
2040	0	6.3	6.3	6.2	6.7	7.0	7.1	7.0	6.6
2052	0	7.1	6.4	6.3	6.7	7.1	7.4	7.3	7.2
2063	0	6.8	6.8	6.8	7.5	7.9	8.1	7.8	7.2
2072	0	6.9	6.7	7.0	7.8	8.5	8.2	7.9	7.6
2080	0	7.8	8.5	8.4	10.4	9.9	10.3	9.7	7.0
2090	0	6.6	6.6	7.1	7.9	8.3	8.3	7.6	7.1
2100	0	6.8	7.1	7.7	8.8	8.9	8.4	8.1	7.2
2108	0	6.4	6.6	7.3	8.0	9.0	8.6	8.1	7.1
2120	0	6.4	6.8	7.5	8.6	9.7	8.9	7.8	6.6
2126	0	6.6	6.7	7.2	8.8	8.8	8.6	8.0	6.9
2130	0	6.1	6.2	7.4	8.4	8.9	9.0	7.4	6.4
2134	0	3.2	3.7	4.9	5.6	6.6	6.1	5.3	4.0
2135	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2145	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2146	0	6.8	6.5	7.0	8.4	9.7	10.3	7.7	7.2
2152	0	7.1	7.1	8.7	9.9	10.9	10.9	8.9	7.8
2156	0	7.1	7.7	9.0	10.3	10.3	11.4	9.1	6.8
2160	0	6.5	6.6	6.9	9.0	10.8	10.5	8.1	7.5
2164	0	8.0	7.5	8.4	10.6	11.8	12.0	10.5	8.4
2168	0	8.1	7.8	9.0	10.9	12.4	12.5	11.4	9.1
2172	0	8.4	8.0	9.0	11.2	12.2	12.8	11.2	9.6
2176	0	8.4	8.2	9.7	12.7	13.5	13.1	11.5	9.6
2180	0	8.7	8.8	9.9	12.6	13.9	13.7	12.1	10.0
2184	0	9.0	8.5	10.0	13.0	14.2	13.3	11.5	9.6
2188	0	9.1	8.7	9.3	11.6	14.4	13.5	10.1	9.7
2192	0	9.1	6.5	6.5	9.9	12.0	12.6	4.0	2.5
2196	0	7.0	8.6	10.5	12.0	13.3	12.3	9.5	8.9
2200	0	6.7	6.3	9.3	11.4	12.6	11.2	9.1	7.4
2204	0	4.4	3.8	7.4	8.0	12.0	9.7	10.3	7.8
2208	0	11.2	12.5	14.6	16.2	17.3	15.4	13.5	11.6
2212	0	12.3	12.4	14.8	16.7	18.4	17.1	14.3	12.6
2216	0	12.2	12.0	14.1	16.9	17.9	17.1	14.8	12.8
2220	0	11.6	11.8	14.1	16.7	17.3	16.9	15.0	12.5
2224	0	12.0	12.5	14.3	18.3	18.3	17.0	15.4	13.1
2228	0	10.1	9.5	12.3	13.7	15.6	15.0	11.4	10.3
2232	0	7.8	8.9	11.4	13.9	15.6	15.4	7.6	8.7
2236	0	2.7	3.6	3.6	4.8	4.8	4.8	3.6	2.3
2237	0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2281	0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2282	0	24.5	24.7	27.0	28.5	30.3	29.5	27.1	25.6
2286	0	24.4	25.1	26.9	28.9	30.9	29.6	27.6	26.2
2290	0	24.4	24.8	26.9	28.9	30.9	29.7	27.4	25.9
2294	0	25.1	25.1	26.8	28.0	31.4	30.8	28.3	26.4
2298	0	21.6	21.6	23.9	25.4	28.6	28.5	24.1	21.6
2302	0	16.1	17.0	20.0	21.8	24.5	23.3	19.1	16.6

WESTERN REFINING
JAL, NM

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Depth	Tilt	N	NE	E	SE	S	SW	W	NW
2306	0	10.4	11.0	13.3	16.0	19.2	17.9	14.5	11.4
2308	0	0.8	0.8	1.3	7.4	7.2	7.0	9.5	1.5
2309	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2333	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
2334	0	1.9	1.5	2.3	9.7	8.6	8.4	7.8	3.6
2338	0	26.5	25.6	27.9	29.7	32.8	33.1	30.1	28.0
2342	0	20.0	20.0	19.8	21.1	24.0	23.9	17.6	17.4
2346	0	12.0	15.6	15.8	15.6	16.2	20.1	13.7	12.5
2350	0	6.7	7.0	6.0	7.9	9.5	9.7	5.3	5.0
2351	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2367	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2369	0	6.2	6.4	7.6	10.6	16.8	16.7	9.8	7.4
2370	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2380	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
2381	0	10.7	10.2	12.7	20.2	22.0	22.3	18.3	13.5
2392	0	8.9	7.5	10.0	20.1	19.7	19.1	15.2	12.2
2396	0	3.7	3.5	5.8	10.9	16.6	14.2	10.5	4.3
2400	0	5.9	2.1	2.3	3.0	7.8	9.7	6.5	6.5
2402	0	11.2	11.2	15.1	20.6	25.5	24.2	19.8	12.8
2408	0	11.0	11.6	14.1	19.7	24.9	24.3	20.3	13.1
2412	0	10.4	11.0	11.6	16.4	22.6	21.5	15.4	12.0
2416	0	5.9	6.4	7.6	13.1	19.4	17.1	11.6	7.1
2428	0	12.7	12.4	15.1	21.3	30.4	27.8	21.9	15.7
2432	0	9.5	10.4	14.4	19.4	27.4	26.9	18.9	11.6
2438	0	9.9	10.2	13.5	18.5	26.6	27.0	19.6	11.4
2452	0	11.4	9.7	15.6	19.0	37.2	32.0	21.5	15.8
2456	0	10.7	10.2	7.8	24.8	38.5	34.7	19.6	14.2
2460	0	10.0	12.4	14.3	8.2	4.8	25.7	17.5	11.8
2462	0	7.0	3.6	2.1	3.6	5.3	13.1	9.3	6.7
2463	0	5.5	2.5	0.8	0.8	0.8	0.8	8.2	6.5
2464	0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2494	0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
2495	0	19.5	20.6	26.6	39.5	49.9	51.8	37.4	25.7
2500	0	18.1	19.3	24.4	38.9	49.9	51.6	37.6	25.9
2504	0	16.1	16.8	21.3	37.9	52.3	49.9	32.9	23.5
2508	0	13.6	12.3	18.7	38.5	47.8	52.5	34.9	20.2
2512	0	15.1	10.5	10.7	34.2	62.9	50.6	35.0	15.8
2516	0	12.6	9.9	10.1	41.4	60.4	60.7	25.4	15.3
2520	0	20.3	21.9	26.0	39.3	67.4	57.1	44.4	26.5
2524	0	19.9	22.1	30.6	51.9	68.0	62.3	44.5	26.8
2528	0	20.6	21.7	31.3	52.4	67.8	60.7	42.8	25.5
2532	0	20.8	23.0	34.9	53.2	69.0	61.8	43.2	25.5
2536	0	20.3	22.2	34.6	52.2	67.8	65.1	43.4	26.6
2540	0	20.6	22.8	33.5	50.5	68.1	63.7	42.8	25.3
2544	0	21.2	21.8	31.7	51.0	68.4	61.5	43.6	25.6
2548	0	19.0	21.2	30.3	52.1	67.3	61.8	43.8	25.1
2552	0	19.7	21.9	31.6	53.2	69.0	62.9	41.6	25.5
2556	0	20.3	22.2	31.0	51.6	67.8	64.5	42.0	26.4
2560	0	19.5	20.3	30.0	49.8	64.9	60.7	42.0	25.3
2564	0	17.6	18.4	28.5	45.1	61.0	55.5	39.4	23.8

WESTERN REFINING
JAL, NM

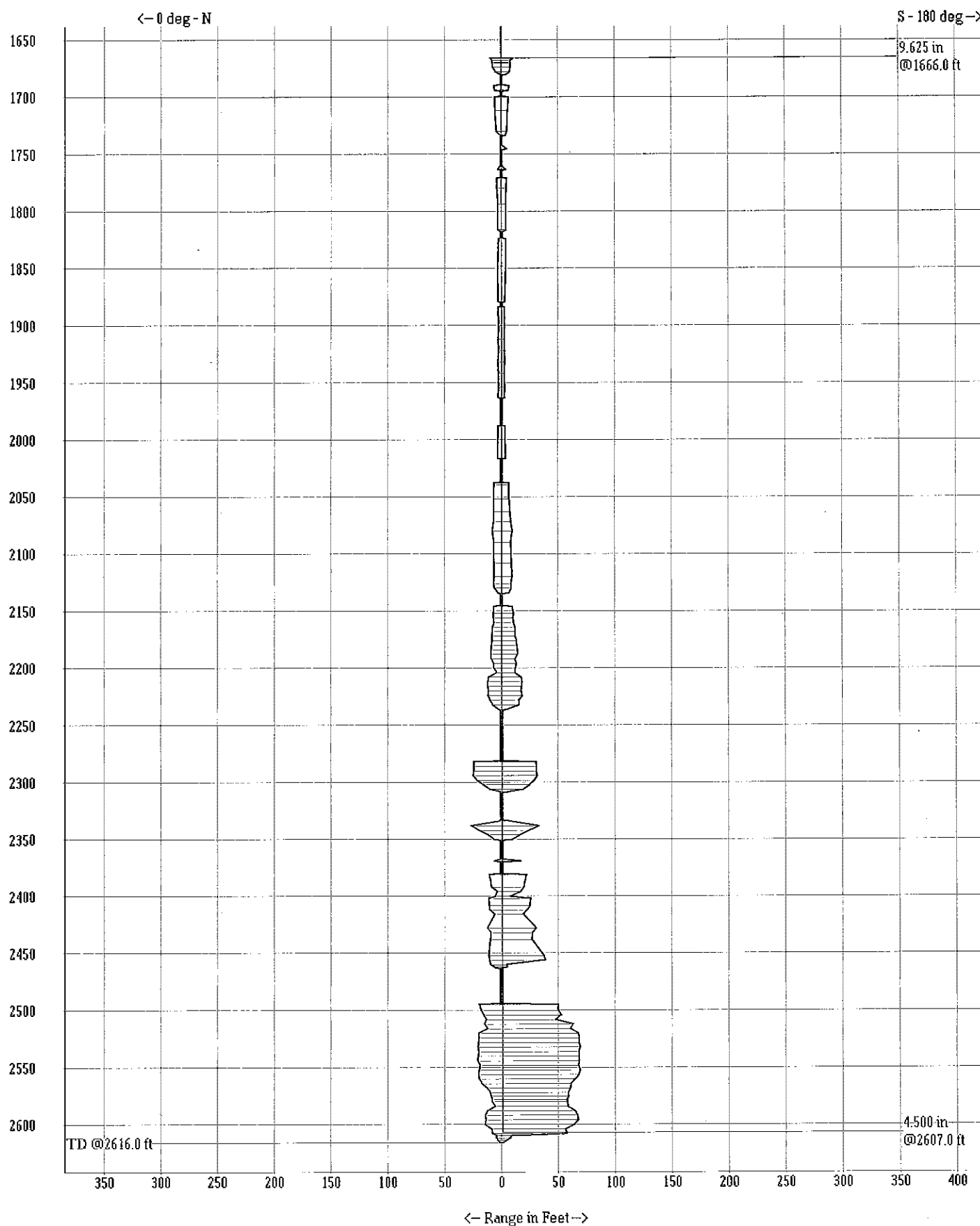
STATE LPG WELL NO. 4
Fri, Aug 31, 2007

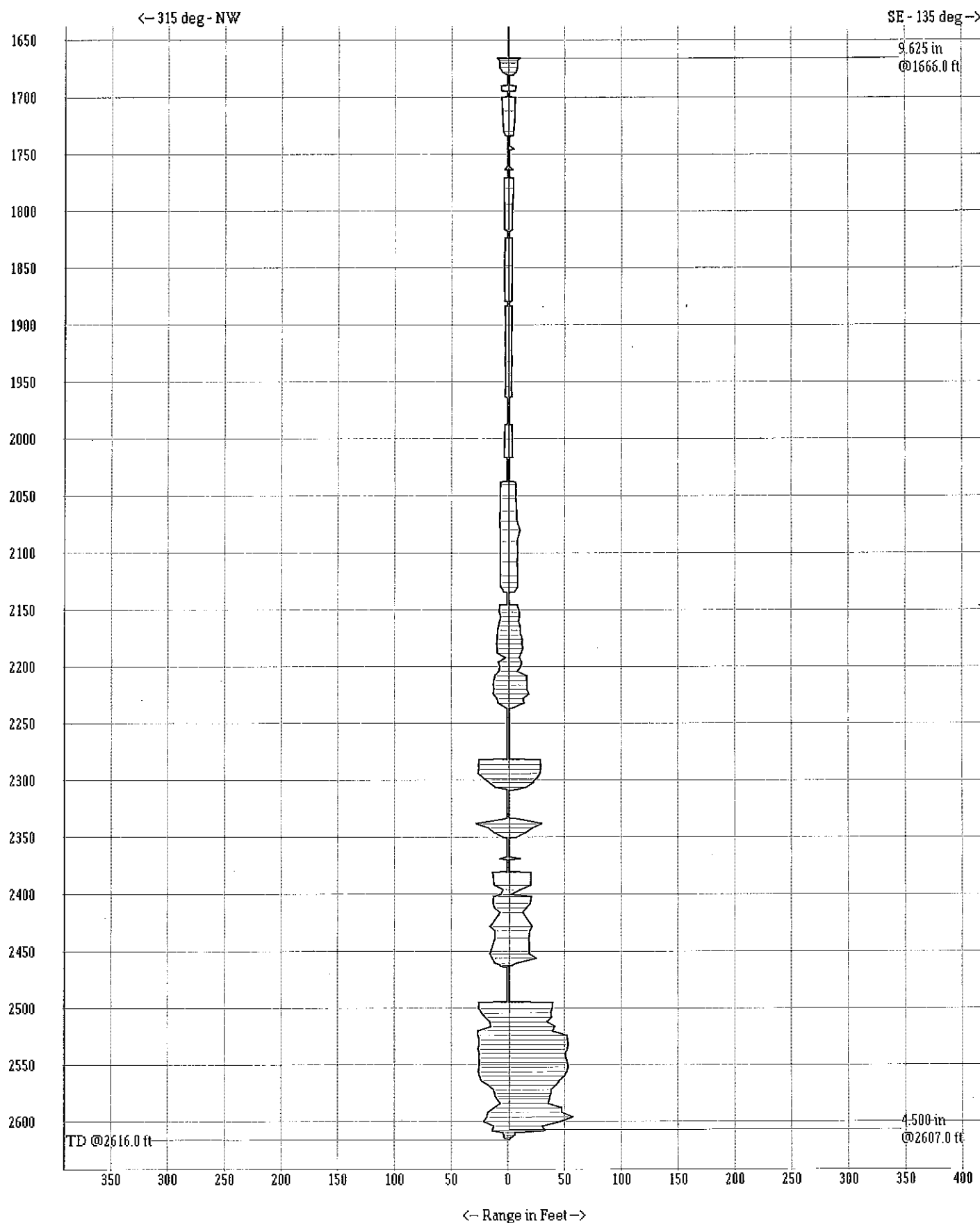
Depth	Tilt	N	NE	E	SE	S	SW	W	NW
2568	0	13.0	13.5	23.8	42.5	60.4	58.4	33.6	17.4
2572	0	10.3	9.4	19.0	38.2	58.4	54.3	32.7	13.0
2575	0	9.5	8.8	17.7	37.9	58.9	53.7	29.3	12.1
2578	0	8.4	8.4	14.8	37.1	57.5	54.4	27.9	11.5
2580	0	8.5	8.5	12.8	36.6	57.9	53.2	26.9	10.2
2584	0	5.9	5.9	11.3	35.4	58.1	48.4	26.2	7.1
2588	0	12.7	15.1	26.4	47.2	64.5	56.9	35.9	12.7
2592	0	14.4	17.7	27.4	47.6	66.7	58.9	41.2	17.7
2596	0	13.8	18.0	27.9	56.9	67.6	57.5	40.6	18.9
2600	0	14.8	17.4	29.4	46.8	64.1	63.6	42.6	21.6
2604	0	9.2	11.5	24.6	30.3	56.0	53.5	34.7	12.6
2608	0	8.0	7.6	14.0	32.6	57.4	50.9	30.3	14.0
2610	0	4.7	4.7	4.2	6.3	9.3	5.1	4.7	4.7
2612	0	4.7	4.7	4.2	5.9	7.6	4.7	3.8	3.8
2614	0	3.4	2.5	2.1	2.5	3.8	3.8	3.4	3.4
2616	0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

WESTERN REFINING
JAL, NM

SONARWIRE, INC
Vertical Cross Section

STATE LPG WELL NO. 4
Fri, Aug 31, 2007

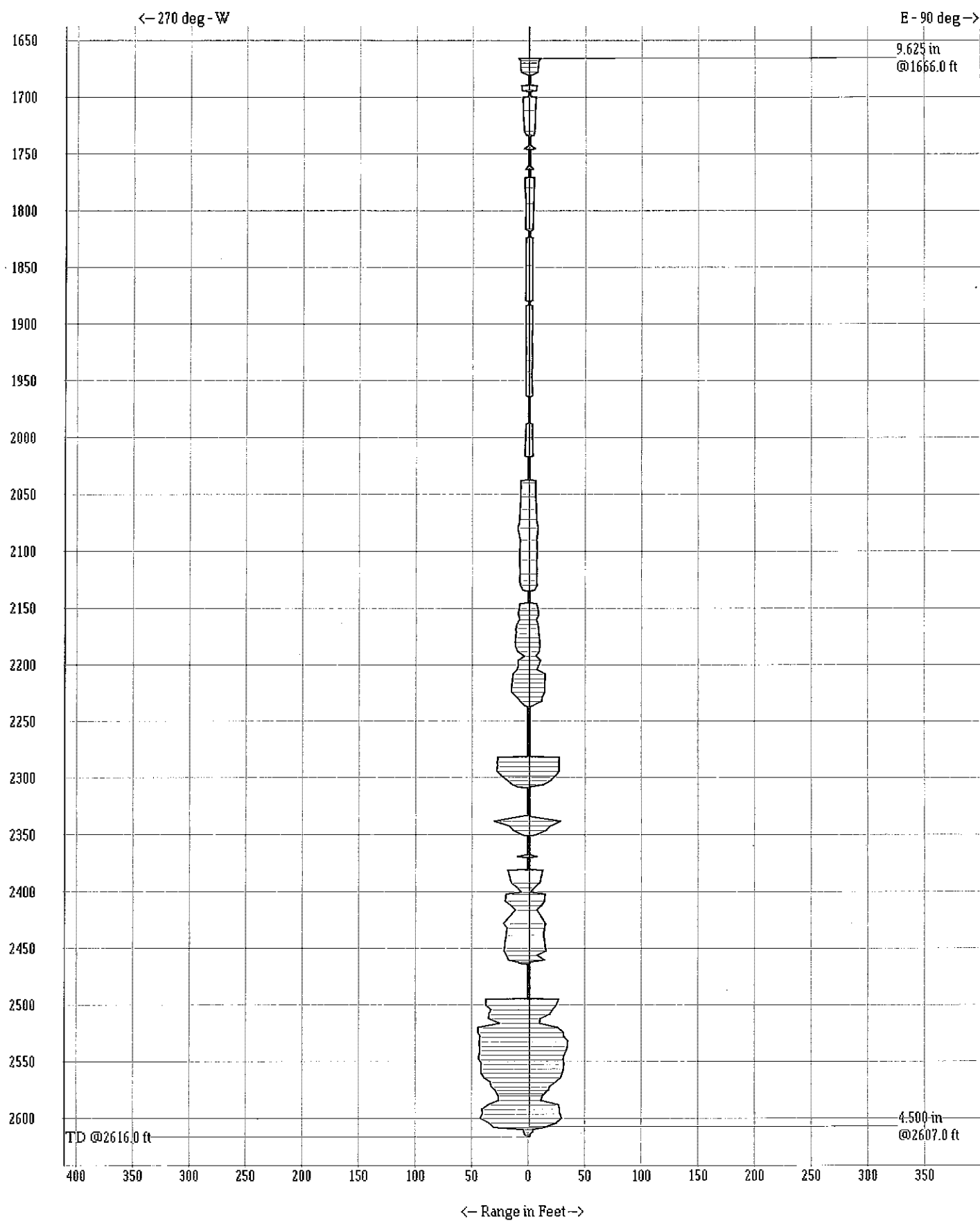


WESTERN REFINING
JAL, NMSONARWIRE, INC
Vertical Cross SectionSTATE LPG WELL NO. 4
Fri, Aug 31, 2007

WESTERN REFINING
JAL, NM

SONARWIRE, INC
Vertical Cross Section

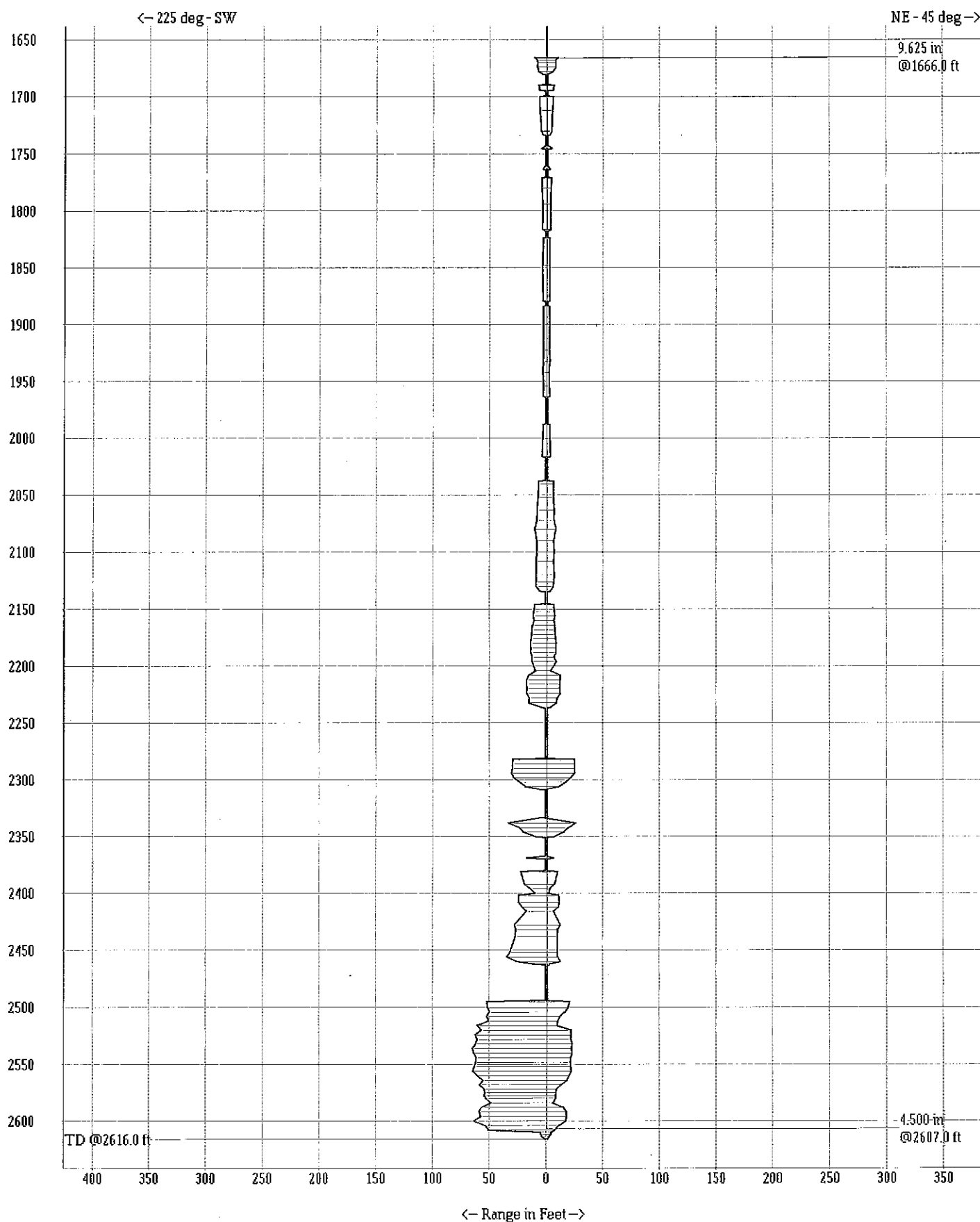
STATE LPG WELL NO. 4
Fri, Aug 31, 2007



WESTERN REFINING
JAL, NM

SONARWIRE, INC
Vertical Cross Section

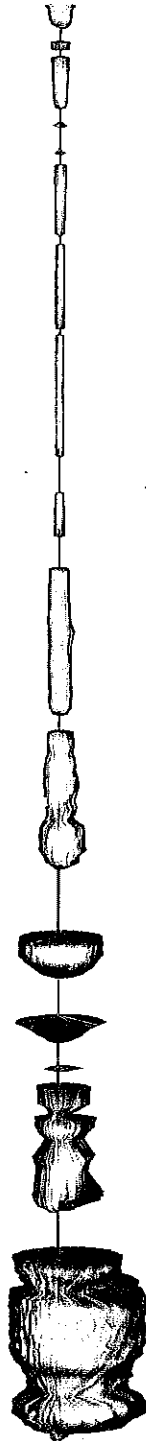
STATE LPG WELL NO. 4
Fri, Aug 31, 2007



WESTERN REFINING
JAL, NM
STATE LPG WELL NO. 4
FRI, AUG 31, 2007

3D SHADE PLOT

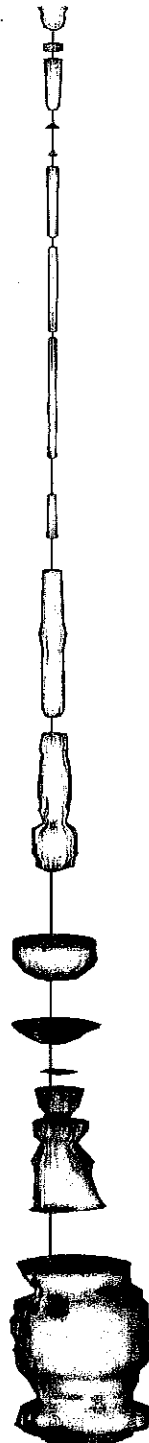
VIEWING AZIMUTH: 45
AXIS TILT: -10 DEGS



WESTERN REFINING
JAL, NM
STATE LPG WELL NO. 4
FRI, AUG 31, 2007

3D SHADE PLOT

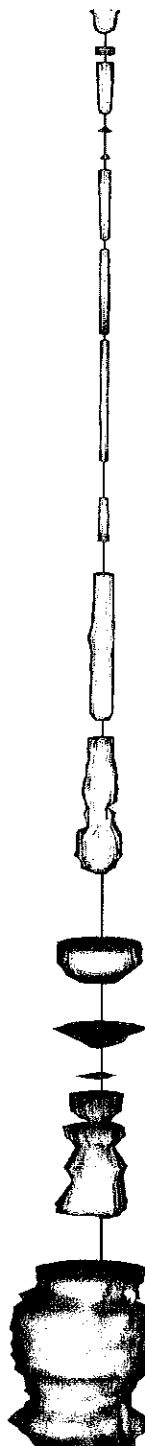
VIEWING AZIMUTH: 135
AXIS TILT: -10 DEGS



WESTERN REFINING
JAL, NM
STATE LPG WELL NO. 4
FRI, AUG 31, 2007

3D SHADE PLOT

VIEWING AZIMUTH: 225
AXIS TILT: -10 DEGS



A vertical sequence of 15 small, stylized illustrations showing the stages of a plant's growth from a seed to a mature tree. The stages are arranged vertically, with the seed at the top and the mature tree at the bottom. The illustrations are simple line drawings with some shading to indicate form and texture.

SONARWIRE INC.
Wall Ranges versus Depth (ft.)

WESTERN REFINING
JAL, NM

STATE LPG WELL NO. 4
Fri, Aug 31, 2007

DEPTH:	1666	TILT:	0	RANGE:	10.1	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.8	9.9	9.9	9.7	9.8	9.8	9.7	9.7	
22.5	9.9	9.8	10.0	10.0	10.1	10.1	10.2	10.1	
45.0	10.1	10.1	10.1	10.0	10.0	10.0	10.2	10.2	
67.5	10.2	10.3	10.4	10.4	10.4	10.3	10.4	10.4	
90.0	10.4	10.5	10.5	10.4	10.4	10.4	10.4	10.4	
112.5	10.4	10.4	10.3	10.2	10.2	10.2	10.3	10.3	
135.0	10.2	10.1	10.2	10.3	10.3	10.4	10.5	10.5	
157.5	10.5	10.5	10.5	10.6	10.6	10.5	10.4	10.4	
180.0	10.5	10.6	10.6	10.5	10.6	10.3	10.1	10.3	
202.5	10.5	10.3	10.4	10.3	10.3	10.2	10.2	10.2	
225.0	10.2	10.2	10.1	10.0	10.0	10.0	10.0	10.0	
247.5	10.0	10.0	10.0	10.1	10.1	10.0	10.0	10.0	
270.0	9.8	9.7	9.7	9.8	9.8	9.9	9.9	9.9	
292.5	10.0	10.1	10.1	10.1	10.1	10.1	10.0	10.0	
315.0	10.0	10.0	10.0	9.9	10.0	9.9	10.1	10.1	
337.5	10.1	10.2	10.1	10.1	9.9	10.0	10.0	10.0	

DEPTH:	1668	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	8.3	8.3	8.2	8.2	8.1	8.2	8.1	8.0	
22.5	8.2	8.1	8.1	8.3	8.2	8.1	8.3	8.4	
45.0	8.2	8.1	8.3	8.3	8.1	8.0	8.0	8.1	
67.5	8.2	8.1	8.0	8.1	8.1	8.2	8.3	8.3	
90.0	8.4	8.3	8.2	8.3	8.2	8.1	8.1	8.1	
112.5	8.0	8.0	8.0	8.0	8.1	8.1	8.1	8.1	
135.0	8.2	8.0	7.9	7.9	8.0	8.0	8.0	8.0	
157.5	8.0	8.0	8.0	8.0	8.1	8.1	8.2	8.2	
180.0	8.2	8.3	8.3	8.3	8.4	8.4	8.3	8.5	
202.5	8.4	8.3	8.2	8.3	8.3	8.3	8.4	8.4	
225.0	8.4	8.3	8.3	8.2	8.2	8.2	8.3	8.2	
247.5	8.2	8.1	8.0	8.1	8.2	8.1	8.0	8.1	
270.0	8.1	8.0	8.1	8.1	8.2	8.1	8.0	8.0	
292.5	8.0	8.1	8.2	8.3	8.3	8.2	8.2	8.1	
315.0	8.1	8.1	8.1	8.2	8.1	8.0	8.1	8.0	
337.5	8.0	8.0	8.1	8.1	8.1	8.1	8.2	8.2	

DEPTH: 1670	TILT: 0	RANGE: 7.9	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	8.1	8.1	8.1	8.0	8.1	8.0	8.1
22.5	8.1	8.1	8.1	8.0	8.1	8.1	8.2
45.0	8.2	8.2	8.1	8.1	8.0	8.1	8.1
67.5	8.0	8.0	8.0	8.0	8.0	8.1	8.2
90.0	8.2	8.2	8.2	8.2	8.2	8.1	8.0
112.5	8.0	8.0	8.0	8.1	8.2	8.2	8.1
135.0	8.0	8.0	8.0	8.1	7.9	7.8	7.9
157.5	7.8	7.9	7.8	8.0	7.9	8.0	8.0
180.0	8.2	8.1	8.1	8.1	8.2	8.3	8.1
202.5	8.1	8.0	8.1	8.2	8.0	8.1	8.0
225.0	7.9	7.9	8.0	7.9	8.1	7.8	8.0
247.5	8.1	7.8	7.7	7.9	7.9	8.0	8.0
270.0	8.0	7.9	7.9	7.8	7.9	7.9	7.9
292.5	7.9	7.7	7.9	7.9	7.8	7.7	7.8
315.0	7.9	8.1	8.0	8.0	7.9	8.0	8.1
337.5	7.9	7.9	7.8	7.8	8.0	7.9	8.0

DEPTH: 1674	TILT: 0	RANGE: 7.9	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	7.7	7.6	7.7	7.7	7.7	7.8	7.8
22.5	7.8	7.9	7.9	7.9	8.0	8.0	8.1
45.0	8.1	8.1	8.0	8.0	7.9	7.9	7.9
67.5	7.9	8.0	8.0	7.9	7.9	8.0	8.0
90.0	7.9	7.8	7.8	7.9	7.9	7.8	7.8
112.5	7.9	7.9	7.9	7.9	7.8	7.8	7.9
135.0	7.8	7.8	7.8	7.7	7.7	7.6	7.7
157.5	7.9	8.0	8.1	8.1	8.1	8.1	8.2
180.0	8.2	8.2	8.2	8.3	8.3	8.2	8.1
202.5	8.2	8.2	8.2	8.2	8.1	8.0	8.1
225.0	8.1	8.2	8.2	8.1	8.1	8.2	8.2
247.5	8.2	8.1	8.2	8.2	8.1	8.0	7.9
270.0	7.9	7.9	7.8	7.8	7.9	7.9	7.9
292.5	7.9	7.9	7.9	7.9	7.9	7.9	7.9
315.0	7.8	7.7	7.7	7.8	7.9	7.8	7.8
337.5	7.8	7.8	7.8	7.7	7.6	7.6	7.7

DEPTH: 1678	TILT: 0	RANGE: 7.1	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	5.1	5.1	5.2	5.2	5.1	4.9	4.9
22.5	4.9	5.2	5.2	5.2	5.3	5.3	5.4
45.0	5.5	5.6	5.8	6.0	6.2	6.4	6.6
67.5	6.9	7.2	7.2	7.2	7.1	6.9	7.1
90.0	7.2	7.2	7.1	6.9	6.9	7.1	6.9
112.5	6.7	6.7	6.9	6.9	6.9	6.7	6.6
135.0	6.7	6.7	6.6	6.6	6.7	6.7	6.7
157.5	6.9	6.9	6.9	6.9	7.1	7.1	7.2
180.0	7.1	7.2	7.2	7.2	7.1	7.1	7.1
202.5	7.1	7.1	7.1	7.2	7.3	7.5	7.3
225.0	7.4	7.3	7.1	7.1	7.1	7.1	7.2
247.5	7.1	7.2	7.1	7.1	7.2	7.2	7.3
270.0	7.3	7.2	7.1	6.9	6.9	6.9	6.9
292.5	6.6	6.1	6.1	5.9	5.8	5.7	5.5
315.0	5.5	5.6	5.7	5.8	5.8	5.7	5.4
337.5	5.3	5.2	5.1	4.9	4.9	5.1	5.1

DEPTH:	1680	TILT:	0	RANGE:	4.5	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	1.5	1.3	1.3	1.2	1.3	1.4	1.4	1.4	
22.5	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.4	
45.0	1.5	1.5	1.6	1.6	1.6	1.7	1.8	1.8	
67.5	1.8	1.8	1.9	2.0	2.1	2.2	2.3	2.5	
90.0	2.6	2.8	3.2	3.4	4.1	4.4	4.4	4.5	
112.5	4.6	4.7	4.7	4.6	4.5	4.5	4.6	4.6	
135.0	4.5	4.4	4.3	4.4	4.4	4.3	4.2	4.2	
157.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	
180.0	4.4	4.4	4.4	4.4	4.3	4.3	4.1	4.1	
202.5	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	
225.0	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.1	
247.5	2.9	2.7	2.7	2.7	2.6	2.6	2.5	2.3	
270.0	2.2	2.1	2.1	2.0	1.9	1.8	1.7	1.6	
292.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	
315.0	1.5	1.5	1.6	1.6	1.6	1.5	1.5	1.4	
337.5	1.4	1.4	1.5	1.5	1.5	1.3	1.4	1.3	

DEPTH:	1681	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	1689	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	1690	TILT:	0	RANGE:	6.7	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.5	6.5	6.4	6.5	6.4	6.5	6.6	6.7	
22.5	6.5	6.4	6.4	6.3	6.3	6.4	6.5	6.4	
45.0	6.5	6.4	6.5	6.6	6.6	6.5	6.5	6.6	
67.5	6.5	6.7	6.6	6.7	6.9	6.9	6.7	6.6	
90.0	6.7	6.6	6.7	6.6	6.7	6.7	6.7	6.7	
112.5	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	
135.0	6.7	6.7	6.7	6.6	6.5	6.5	6.6	6.7	
157.5	6.9	6.6	6.7	6.9	6.9	6.7	6.9	6.7	
180.0	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	
202.5	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	
225.0	6.9	6.9	6.9	6.9	6.9	6.7	6.9	6.9	
247.5	6.6	6.7	7.0	6.9	6.9	6.6	6.7	6.9	
270.0	7.0	6.9	6.7	6.7	6.7	6.7	6.6	6.6	
292.5	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.3	
315.0	6.4	6.3	6.4	6.4	6.4	6.4	6.3	6.4	
337.5	6.4	6.3	6.2	6.2	6.4	6.4	6.3	6.5	

DEPTH:	1694	TILT:	0	RANGE:	6.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.0	5.9	5.9	6.0	6.0	5.9	5.8	5.9	
22.5	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.1	
45.0	6.1	6.0	5.9	5.9	5.9	5.9	5.9	5.8	
67.5	5.9	5.8	5.8	5.8	6.0	6.0	5.9	6.1	
90.0	6.1	6.3	6.1	6.2	6.2	6.0	6.1	6.1	
112.5	6.3	6.4	6.2	6.3	6.3	6.2	6.2	6.2	
135.0	6.1	6.2	6.2	6.3	6.3	6.4	6.4	6.4	
157.5	6.5	6.5	6.5	6.5	6.5	6.6	6.7	6.7	
180.0	6.7	6.6	6.5	6.4	6.4	6.5	6.5	6.5	
202.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.4	
225.0	6.4	6.5	6.4	6.3	6.2	6.2	6.3	6.4	
247.5	6.4	6.4	6.3	6.3	6.3	6.4	6.4	6.4	
270.0	6.4	6.4	6.3	6.3	6.3	6.2	6.3	6.4	
292.5	6.3	6.4	6.3	6.2	6.3	6.3	6.3	6.2	
315.0	6.2	6.1	6.1	5.9	5.8	5.8	5.9	6.0	
337.5	6.1	6.2	6.2	6.2	6.2	6.2	6.1	6.0	

DEPTH:	1695	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	1699	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	1700	TILT:	0	RANGE:	6.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.1	
22.5	6.1	6.1	6.1	6.0	6.0	6.0	6.1	6.1	
45.0	6.0	6.0	6.0	6.0	6.1	6.0	5.9	5.9	
67.5	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	
90.0	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.2	
112.5	6.1	6.0	6.1	6.3	6.0	6.1	6.1	6.1	
135.0	6.1	6.2	6.1	6.1	6.2	6.2	6.1	6.1	
157.5	6.0	6.2	6.2	6.2	6.0	6.2	6.3	6.3	
180.0	6.4	6.5	6.5	6.5	6.5	6.4	6.3	6.4	
202.5	6.3	6.3	6.4	6.3	6.4	6.3	6.3	6.3	
225.0	6.3	6.4	6.4	6.3	6.2	6.1	6.2	6.2	
247.5	6.2	6.2	6.1	6.1	6.1	6.0	6.1	6.0	
270.0	6.0	5.9	5.9	5.9	5.9	6.0	6.1	6.1	
292.5	6.0	5.9	5.9	5.9	5.9	5.9	5.8	5.8	
315.0	5.9	5.9	6.0	5.9	5.8	5.8	5.8	5.8	
337.5	5.9	6.0	5.9	5.8	5.8	5.9	5.9	5.9	

DEPTH:	1712	TILT:	0	RANGE:	5.7	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	5.5	5.4	5.5	5.5	5.4	5.3	5.3	5.3	
22.5	5.3	5.3	5.3	5.4	5.4	5.2	5.2	5.3	
45.0	5.3	5.2	5.3	5.3	5.2	5.2	5.3	5.3	
67.5	5.3	5.2	5.3	5.3	5.4	5.3	5.4	5.4	
90.0	5.4	5.5	5.4	5.5	5.6	5.6	5.5	5.5	
112.5	5.6	5.6	5.7	5.6	5.7	5.7	5.6	5.7	
135.0	5.7	5.6	5.7	5.7	5.7	5.7	5.6	5.6	
157.5	5.7	5.7	5.6	5.7	5.7	5.7	5.8	5.9	
180.0	5.8	5.7	5.8	5.9	5.8	5.8	5.9	6.0	
202.5	5.9	5.9	5.9	5.8	5.8	5.8	5.8	5.8	
225.0	5.8	5.8	5.9	5.8	5.9	5.9	5.9	5.8	
247.5	5.7	5.7	5.7	5.7	5.8	5.8	5.7	5.6	
270.0	5.6	5.6	5.6	5.6	5.7	5.7	5.7	5.6	
292.5	5.7	5.7	5.7	5.7	5.6	5.6	5.5	5.5	
315.0	5.5	5.4	5.3	5.3	5.3	5.3	5.4	5.3	
337.5	5.4	5.4	5.5	5.5	5.3	5.3	5.3	5.5	

DEPTH:	1730	TILT:	0	RANGE:	4.7	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.7	
22.5	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.6	
45.0	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7	
67.5	4.6	4.6	4.6	4.6	4.6	4.6	4.5	4.6	
90.0	4.6	4.7	4.6	4.6	4.7	4.7	4.6	4.6	
112.5	4.6	4.6	4.5	4.5	4.6	4.6	4.6	4.5	
135.0	4.5	4.4	4.5	4.5	4.6	4.6	4.7	4.7	
157.5	4.7	4.7	4.7	4.7	4.7	4.7	4.8	4.8	
180.0	4.7	4.7	4.7	4.8	4.8	4.8	5.0	5.0	
202.5	5.0	4.8	4.7	4.7	4.8	4.8	4.8	4.8	
225.0	4.7	4.7	4.7	4.7	4.8	4.7	4.6	4.5	
247.5	4.5	4.6	4.6	4.6	4.6	4.7	4.7	4.7	
270.0	4.7	4.7	4.7	4.7	4.6	4.5	4.5	4.5	
292.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6	
315.0	4.4	4.5	4.5	4.5	4.5	4.5	4.4	4.5	
337.5	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.5	

DEPTH:	1733	TILT:	0	RANGE:	3.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	1.3	1.3	1.3	1.2	1.1	0.9	0.9	0.9	
22.5	0.9	0.9	0.9	1.3	1.4	1.4	1.2	3.0	
45.0	3.0	3.0	3.0	3.2	3.2	3.2	3.3	3.3	
67.5	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.8	
90.0	3.8	3.8	4.0	3.9	4.0	4.0	4.0	4.0	
112.5	3.9	3.8	3.9	3.9	3.9	3.9	4.0	4.0	
135.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	
157.5	3.9	3.9	3.9	3.8	3.7	3.6	3.6	3.6	
180.0	3.7	3.7	3.6	3.5	3.6	3.6	3.5	3.4	
202.5	3.4	3.5	3.5	3.4	3.3	3.3	3.4	3.4	
225.0	3.3	3.3	3.4	3.4	3.3	3.2	3.2	3.3	
247.5	3.3	3.4	3.4	3.3	3.3	3.3	3.3	3.3	
270.0	3.2	3.2	3.2	3.3	3.3	3.3	3.2	3.2	
292.5	3.3	3.4	3.4	3.4	3.4	3.3	3.2	3.2	
315.0	3.2	3.0	2.8	2.7	2.6	2.5	2.3	1.8	
337.5	1.7	1.6	1.5	1.4	1.3	1.3	1.3	1.3	

DEPTH:	1734	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	1742	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	1745	TILT:	0	RANGE:	4.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	1.2	1.3	1.3	1.2	1.2	1.1	1.2	1.2	
22.5	1.2	1.2	1.3	1.4	1.2	1.3	1.4	4.6	
45.0	4.6	4.5	4.5	4.6	4.7	4.7	4.7	4.8	
67.5	4.9	4.9	5.0	5.0	4.9	4.8	4.8	4.9	
90.0	4.9	4.8	4.7	4.6	4.6	4.7	4.7	4.7	
112.5	4.7	4.7	4.7	4.7	4.6	4.5	4.5	4.6	
135.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	
157.5	4.7	4.8	4.8	4.9	4.9	4.8	4.8	4.7	
180.0	4.6	4.5	4.5	4.5	4.5	4.6	4.6	4.7	
202.5	4.7	4.7	4.7	4.8	4.8	4.7	4.7	4.6	
225.0	4.5	4.4	4.3	4.1	4.0	4.0	4.1	4.3	
247.5	4.4	4.5	4.5	4.5	4.4	4.3	4.4	4.5	
270.0	4.6	4.7	4.8	4.8	4.5	4.4	4.5	4.5	
292.5	4.6	4.7	4.8	4.6	4.6	4.5	1.2	1.3	
315.0	1.3	1.4	1.6	1.4	1.4	1.4	1.4	1.5	
337.5	1.5	1.4	1.4	1.4	1.4	1.3	1.3	1.2	

DEPTH:	1746	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH: 1760	TILT: 0	RANGE: 25.0	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6

DEPTH: 1761	TILT: 0	RANGE: 25.0	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	1.9	1.8	1.7	1.6	1.6	1.6	1.5
22.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
45.0	1.4	1.4	1.4	1.4	1.3	1.3	1.3
67.5	1.3	1.3	1.2	1.2	1.1	1.1	1.1
90.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
112.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1
135.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
157.5	1.1	1.1	1.1	1.1	1.1	1.2	1.2
180.0	1.3	1.4	1.4	1.5	1.6	1.7	1.7
202.5	1.8	1.9	2.0	2.1	2.2	2.1	2.1
225.0	2.0	2.0	1.9	1.9	1.9	2.0	2.0
247.5	2.0	1.9	1.8	1.8	1.8	1.8	1.9
270.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
292.5	1.8	1.8	1.8	1.8	1.8	1.8	1.8
315.0	1.7	1.7	1.8	1.8	1.9	1.9	2.0
337.5	2.0	2.0	2.1	2.1	2.0	2.0	2.0

DEPTH: 1763	TILT: 0	RANGE: 3.6	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.0
22.5	3.0	3.2	3.2	3.2	3.0	3.0	3.2
45.0	3.2	3.0	3.0	3.0	2.9	2.9	3.0
67.5	3.2	3.2	3.3	3.4	3.4	3.4	3.4
90.0	3.3	3.5	3.4	3.4	3.3	3.5	3.5
112.5	3.6	3.6	3.5	3.3	3.4	3.4	3.5
135.0	3.6	3.6	3.6	3.6	3.7	3.7	3.7
157.5	3.7	3.6	3.5	3.6	3.6	3.7	3.7
180.0	3.8	3.8	3.7	3.6	3.6	3.6	3.6
202.5	3.6	3.6	3.5	3.5	3.4	3.5	3.5
225.0	3.3	3.3	3.0	3.3	3.2	3.2	3.4
247.5	3.5	3.4	3.5	3.5	3.5	3.5	3.5
270.0	3.5	3.5	3.5	3.5	3.6	3.7	3.7
292.5	3.6	3.6	3.6	3.5	3.4	3.4	3.4
315.0	3.3	3.3	3.2	3.2	3.0	3.2	3.2
337.5	3.3	3.3	3.4	3.4	3.4	3.3	3.2

DEPTH:	1764	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	1770	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	1771	TILT:	0	RANGE:	4.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	3.9	4.0	4.1	4.1	4.1	4.0	4.2	3.9	
22.5	4.2	4.0	4.1	4.0	4.1	4.1	4.2	4.2	
45.0	4.2	4.2	4.2	4.3	4.3	4.3	4.2	4.3	
67.5	4.3	4.4	4.1	4.3	4.3	4.1	4.2	4.3	
90.0	4.4	4.4	4.1	4.3	4.2	4.3	4.1	4.2	
112.5	4.3	4.1	4.1	4.2	4.3	4.2	4.1	4.4	
135.0	4.3	4.3	4.3	4.3	4.4	4.3	4.4	4.4	
157.5	4.6	4.7	4.7	4.7	4.5	4.4	4.7	4.8	
180.0	4.5	4.7	4.2	4.3	4.5	4.5	4.5	4.3	
202.5	4.3	4.2	4.1	4.0	4.1	4.3	4.1	4.0	
225.0	4.1	4.2	4.0	4.1	3.9	3.9	4.1	4.0	
247.5	4.0	4.1	4.0	4.0	3.9	4.0	4.1	4.2	
270.0	4.2	3.9	3.9	3.9	4.0	4.0	4.1	4.1	
292.5	3.9	3.9	3.8	3.9	4.0	4.0	4.0	4.0	
315.0	3.9	3.8	3.8	4.1	3.9	4.0	3.9	4.0	
337.5	3.9	4.1	3.8	4.0	4.0	3.8	3.9	3.9	

DEPTH: 1780	TILT: 0	RANGE: 4.3	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0 4.0	4.1	4.2	4.1	4.1	4.0	4.1	4.1
22.5 4.0	4.0	4.1	4.1	4.0	4.0	4.0	4.2
45.0 4.1	4.1	4.1	4.2	4.3	4.2	4.2	4.2
67.5 4.2	4.2	4.2	4.2	4.3	4.3	4.2	4.2
90.0 4.2	4.3	4.3	4.3	4.3	4.3	4.2	4.2
112.5 4.3	4.4	4.4	4.4	4.3	4.3	4.2	4.3
135.0 4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
157.5 4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5
180.0 4.4	4.4	4.3	4.3	4.3	4.4	4.3	4.3
202.5 4.3	4.3	4.4	4.5	4.3	4.2	4.4	4.2
225.0 4.4	4.3	4.2	4.2	4.3	4.3	4.2	4.1
247.5 4.1	4.1	4.2	4.1	4.1	4.1	4.3	4.1
270.0 4.1	4.1	4.2	4.1	4.0	4.0	4.1	4.1
292.5 4.1	4.1	4.1	4.1	4.0	4.1	3.9	4.0
315.0 4.1	3.9	4.0	4.0	4.0	4.1	4.1	4.0
337.5 3.9	4.0	4.0	4.1	4.1	4.0	4.0	3.9

DEPTH: 1794	TILT: 0	RANGE: 3.8	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0 3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4
22.5 3.4	3.3	3.4	3.4	3.4	3.5	3.5	3.6
45.0 3.6	3.6	3.6	3.6	3.7	3.7	3.6	3.5
67.5 3.5	3.5	3.4	3.4	3.5	3.5	3.6	3.6
90.0 3.7	3.7	3.8	3.9	3.9	3.9	3.9	3.8
112.5 3.7	3.7	3.7	3.6	3.6	3.6	3.7	3.7
135.0 3.7	3.8	3.8	3.9	3.9	3.9	3.9	3.9
157.5 3.9	3.9	3.9	3.8	3.8	3.9	3.9	4.0
180.0 4.0	4.0	3.9	3.9	3.9	3.9	3.8	3.7
202.5 3.7	3.6	3.6	3.5	3.5	3.5	3.5	3.4
225.0 3.4	3.4	3.3	3.3	3.3	3.3	3.4	3.4
247.5 3.4	3.4	3.3	3.3	3.4	3.4	3.3	3.3
270.0 3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.4
292.5 3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5
315.0 3.5	3.6	3.6	3.6	3.5	3.4	3.4	3.4
337.5 3.4	3.4	3.3	3.3	3.2	3.2	3.2	3.3

DEPTH: 1816	TILT: 0	RANGE: 3.7	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0 3.3	3.3	3.3	3.2	3.2	3.3	3.3	3.3
22.5 3.3	3.4	3.4	3.5	3.5	3.6	3.6	3.6
45.0 3.6	3.6	3.4	3.2	3.1	3.1	3.2	3.2
67.5 3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4
90.0 3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.5
112.5 3.5	3.5	3.4	3.4	3.4	3.4	3.3	3.3
135.0 3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4
157.5 3.4	3.5	3.6	3.6	3.7	3.7	3.7	3.7
180.0 3.9	3.9	3.9	3.9	3.8	3.7	3.6	3.5
202.5 3.5	3.6	3.6	3.7	3.7	3.7	3.7	3.8
225.0 3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7
247.5 3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
270.0 3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.7
292.5 3.7	3.8	3.8	3.8	3.7	3.6	3.6	3.6
315.0 3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5
337.5 3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4

DEPTH: 1818	TILT: 0	RANGE: 25.0	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6

DEPTH: 1823	TILT: 0	RANGE: 25.0	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6

DEPTH: 1824	TILT: 0	RANGE: 3.6	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	2.5	2.5	2.5	2.6	2.6	2.7	2.8
22.5	2.9	2.9	2.8	2.7	2.7	2.7	2.7
45.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7
67.5	2.8	2.8	2.9	3.0	3.0	3.2	3.2
90.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
112.5	3.2	3.2	3.2	3.0	3.0	3.2	3.3
135.0	3.3	3.3	3.3	3.4	3.4	3.4	3.5
157.5	3.5	3.5	3.6	3.7	3.7	3.7	3.8
180.0	3.8	3.8	3.7	3.6	3.5	3.5	3.5
202.5	3.5	3.4	3.4	3.3	3.2	3.2	3.2
225.0	3.0	2.9	2.9	2.8	2.8	2.9	2.9
247.5	3.0	3.0	3.0	3.0	3.0	2.9	2.9
270.0	2.8	2.8	2.8	2.7	2.6	2.7	2.7
292.5	2.7	2.7	2.7	2.8	2.8	2.9	2.9
315.0	2.9	2.8	2.7	2.7	2.5	2.4	2.4
337.5	2.4	2.5	2.5	2.6	2.7	2.7	2.6

DEPTH:	1848	TILT:	0	RANGE:	3.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.0	
22.5	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.8	
45.0	2.8	2.9	2.9	2.9	2.9	2.9	2.8	2.8	
67.5	2.9	2.9	2.9	2.8	2.8	2.9	2.9	2.9	
90.0	3.0	3.0	3.0	3.2	3.2	3.3	3.3	3.3	
112.5	3.3	3.3	3.2	3.0	3.0	3.2	3.2	3.2	
135.0	3.3	3.3	3.3	3.2	3.2	3.2	3.2	3.3	
157.5	3.3	3.4	3.5	3.6	3.7	3.8	3.8	3.8	
180.0	3.7	3.6	3.7	3.7	3.7	3.7	3.7	3.6	
202.5	3.6	3.7	3.7	3.7	3.5	3.7	3.6	3.5	
225.0	3.5	3.5	3.6	3.6	3.5	3.6	3.5	3.5	
247.5	3.4	3.4	3.4	3.3	3.3	3.5	3.3	3.4	
270.0	3.4	3.4	3.5	3.6	3.6	3.6	3.6	3.5	
292.5	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	
315.0	3.5	3.5	3.3	3.5	3.3	3.3	3.4	3.2	
337.5	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	

DEPTH:	1879	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.9	3.1	3.2	3.1	2.9	2.9	2.9	2.9	
22.5	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
45.0	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.9	
67.5	2.8	2.9	3.1	3.2	3.1	3.2	3.2	3.2	
90.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	
112.5	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	
135.0	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.2	
157.5	3.2	3.2	3.2	3.2	3.2	3.1	3.2	3.2	
180.0	3.2	3.2	3.2	3.2	3.2	3.2	3.3	3.3	
202.5	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	
225.0	3.2	3.1	3.1	3.1	3.1	3.1	3.2	3.2	
247.5	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.3	
270.0	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.2	
292.5	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	
315.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	
337.5	3.2	3.2	3.1	3.1	2.9	3.1	2.9	3.1	

DEPTH:	1880	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH: 1883		TILT: 0		RANGE: 25.0		VOS: 6039			
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH: 1884		TILT: 0		RANGE: 25.0		VOS: 6039			
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.7	2.6	2.6	2.6	2.6	2.6	2.7	2.7	
22.5	2.7	2.7	2.6	2.6	2.6	2.6	2.6	2.6	
45.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	
67.5	2.7	2.6	2.7	2.6	2.7	2.8	2.8	2.6	
90.0	2.7	2.7	2.8	2.7	2.8	2.7	2.7	2.7	
112.5	2.8	2.9	2.6	2.8	2.7	2.6	2.9	2.7	
135.0	2.9	2.9	3.1	2.8	2.8	2.7	2.8	2.9	
157.5	2.8	3.2	2.9	3.1	2.9	2.9	2.9	2.8	
180.0	2.7	2.9	2.7	2.9	2.8	2.9	2.8	2.9	
202.5	2.8	2.8	2.9	2.8	2.9	2.8	2.8	2.9	
225.0	2.9	3.2	3.1	3.2	3.2	3.2	3.2	3.1	
247.5	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.9	
270.0	2.9	2.9	3.1	2.9	2.9	3.1	2.9	2.9	
292.5	2.9	3.1	3.1	3.1	3.1	2.9	2.9	2.9	
315.0	3.1	3.1	3.1	3.1	3.1	2.9	2.9	2.8	
337.5	2.8	2.8	2.9	2.9	2.8	2.7	2.7	2.7	

DEPTH: 1900		TILT: 0		RANGE: 25.0		VOS: 6039			
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.6	2.6	2.9	2.7	2.8	2.7	2.5	2.8	
22.5	2.8	2.8	2.9	2.9	2.8	2.8	2.8	2.7	
45.0	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	
67.5	2.9	2.8	2.8	2.8	2.8	2.8	3.1	3.1	
90.0	3.1	2.9	2.9	2.9	2.9	2.9	2.8	2.8	
112.5	2.8	2.7	2.7	2.8	2.8	2.8	2.7	3.1	
135.0	3.2	2.9	2.9	2.8	3.1	3.1	3.1	2.9	
157.5	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.1	
180.0	3.1	3.1	3.1	2.9	2.9	2.9	2.9	2.8	
202.5	2.8	2.8	2.9	2.9	2.8	2.9	3.1	3.1	
225.0	3.1	2.9	2.8	2.8	2.7	2.8	2.9	2.8	
247.5	2.8	2.7	2.7	3.1	2.9	2.9	2.8	2.9	
270.0	3.1	2.9	3.2	3.1	2.7	2.9	2.8	2.7	
292.5	2.8	2.8	2.7	2.7	2.8	2.8	2.8	2.6	
315.0	2.7	2.6	2.7	3.2	2.8	2.7	2.9	2.9	
337.5	2.8	2.8	2.8	2.7	2.6	2.6	2.5	2.6	

DEPTH:	1912	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	
22.5	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6	
45.0	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	
67.5	2.5	2.6	2.6	2.6	2.5	2.4	2.5	2.5	
90.0	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	
112.5	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	
135.0	2.7	2.7	2.7	2.7	2.8	2.8	2.7	2.7	
157.5	2.7	2.8	2.8	2.8	2.8	2.7	2.7	2.7	
180.0	2.7	2.8	2.8	2.8	2.8	2.7	2.7	2.7	
202.5	2.8	2.8	2.8	2.8	2.7	2.7	2.7	2.8	
225.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	
247.5	2.8	2.8	2.8	2.9	2.9	2.9	2.9	2.9	
270.0	2.9	2.9	3.1	3.1	3.1	2.9	2.9	2.8	
292.5	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	
315.0	2.9	2.9	2.8	2.8	2.8	2.7	2.7	2.8	
337.5	2.7	2.8	2.7	2.7	2.7	2.7	2.6	2.7	

DEPTH:	1922	TILT:	0	RANGE:	2.9	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	
22.5	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	
45.0	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	
67.5	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.7	
90.0	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	
112.5	2.6	2.7	2.7	2.7	2.6	2.6	2.6	2.7	
135.0	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	
157.5	2.9	2.9	2.9	2.8	2.9	2.9	3.1	3.1	
180.0	3.1	3.1	3.1	3.1	2.9	2.8	2.7	2.7	
202.5	2.6	2.6	2.7	2.7	2.7	2.7	2.6	2.6	
225.0	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.7	
247.5	2.7	2.7	2.7	2.6	2.5	2.5	2.6	2.6	
270.0	2.5	2.5	2.6	2.6	2.6	2.6	2.5	2.4	
292.5	2.5	2.5	2.4	2.4	2.5	2.5	2.5	2.5	
315.0	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.5	
337.5	2.5	2.4	2.5	2.4	2.7	2.6	2.5	2.6	

DEPTH:	1932	TILT:	0	RANGE:	3.1	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	
22.5	2.9	2.9	2.9	2.9	3.1	3.2	3.2	3.3	
45.0	3.3	3.2	3.1	2.8	2.9	2.9	2.8	2.9	
67.5	2.9	3.1	2.8	2.9	3.2	2.9	2.9	3.2	
90.0	2.8	2.9	3.1	2.9	2.8	2.9	3.1	3.1	
112.5	2.9	2.9	2.9	3.1	3.1	3.1	3.2	3.2	
135.0	3.2	3.2	3.1	3.2	3.2	3.1	3.1	3.1	
157.5	3.1	3.2	3.2	3.2	3.1	3.1	3.2	3.2	
180.0	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.3	
202.5	3.3	3.3	3.2	3.1	2.9	2.9	2.9	2.9	
225.0	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.6	
247.5	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8	
270.0	2.7	2.6	2.6	2.6	2.6	2.7	2.7	2.8	
292.5	2.8	2.9	2.9	2.8	2.8	2.8	2.8	2.9	
315.0	2.8	2.9	2.9	2.8	2.8	2.8	2.9	2.9	
337.5	2.8	2.8	2.8	2.7	2.8	3.2	2.9	2.9	

DEPTH:	1942	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.5	2.5	2.5	2.4	2.4	2.3	2.3	2.5	
22.5	2.5	2.5	2.4	2.3	2.3	2.3	2.2	2.2	
45.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	
67.5	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	
90.0	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	
112.5	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	
135.0	2.8	2.8	2.8	2.8	2.8	2.7	2.7	2.8	
157.5	2.8	2.7	2.7	2.7	2.8	2.8	2.8	2.8	
180.0	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.1	
202.5	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	
225.0	3.2	3.2	3.2	3.1	3.1	2.9	2.9	2.9	
247.5	2.9	2.8	2.8	2.8	2.8	2.8	2.9	2.9	
270.0	2.9	2.8	2.8	2.8	2.7	2.7	2.7	2.7	
292.5	2.7	2.6	2.6	2.6	2.6	2.5	2.5	2.5	
315.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
337.5	2.4	2.4	2.4	2.4	2.4	2.5	2.4	2.4	

DEPTH:	1954	TILT:	0	RANGE:	3.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.5	2.4	2.5	2.6	2.6	2.5	2.6	2.6	
22.5	2.6	2.6	2.6	2.6	2.5	2.6	2.6	2.5	
45.0	2.6	2.7	2.7	2.7	2.7	2.7	2.8	2.8	
67.5	2.8	2.8	2.8	2.7	2.6	2.6	2.7	2.7	
90.0	2.7	2.7	2.5	2.5	2.6	2.6	2.5	2.5	
112.5	2.4	2.6	2.6	2.5	2.6	2.6	2.6	2.8	
135.0	2.8	2.8	2.8	2.8	2.8	2.9	2.9	2.9	
157.5	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	
180.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	
202.5	3.1	3.1	3.1	2.9	2.9	2.8	2.8	2.7	
225.0	2.7	2.7	2.8	2.8	2.7	2.6	2.5	2.7	
247.5	2.6	2.6	2.6	2.7	2.6	2.7	2.7	2.7	
270.0	2.8	2.8	2.9	2.9	2.9	3.1	2.9	2.8	
292.5	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	
315.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	
337.5	2.6	2.6	2.6	2.7	2.7	2.6	2.5	2.4	

DEPTH:	1963	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.7	2.7	2.8	2.8	2.7	2.7	2.8	2.8	
22.5	2.8	2.9	2.9	2.9	3.1	3.1	3.1	2.9	
45.0	2.9	2.8	2.9	2.9	2.9	2.9	2.9	2.9	
67.5	2.9	2.9	2.9	2.9	2.9	2.9	3.1	3.1	
90.0	3.1	3.1	3.1	3.1	2.9	2.9	3.1	3.1	
112.5	3.1	3.1	2.9	2.9	3.1	3.1	2.9	3.1	
135.0	3.1	3.1	2.9	2.8	2.8	2.9	2.9	2.9	
157.5	2.9	2.9	2.8	2.8	2.9	2.9	2.9	2.9	
180.0	3.1	3.1	3.1	3.1	2.9	2.9	3.1	3.1	
202.5	3.1	3.1	3.2	3.2	3.2	3.2	3.1	3.1	
225.0	2.9	2.9	2.9	2.8	2.8	2.9	2.9	3.1	
247.5	3.1	3.1	3.1	3.1	3.1	3.1	2.9	2.9	
270.0	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	
292.5	2.7	2.7	2.6	2.6	2.7	2.7	2.7	2.8	
315.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.7	
337.5	2.7	2.8	2.6	2.6	2.7	2.6	2.6	2.5	

DEPTH:	1964	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	1987	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	1988	TILT:	0	RANGE:	3.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.7	2.7	2.8	2.8	2.8	2.8	2.7	2.7	
22.5	2.7	2.8	2.9	2.9	3.1	3.1	3.1	3.2	
45.0	3.2	3.2	3.2	3.2	3.2	3.1	3.1	2.9	
67.5	2.9	2.9	3.1	3.1	3.1	3.1	3.3	3.1	
90.0	3.2	3.1	3.2	3.2	3.2	3.2	3.2	3.2	
112.5	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	
135.0	3.3	3.2	3.2	3.3	3.3	3.3	3.4	3.4	
157.5	3.4	3.4	3.3	3.2	3.2	3.3	3.3	3.4	
180.0	3.4	3.4	3.4	3.3	3.3	3.3	3.3	3.3	
202.5	3.2	3.2	3.1	3.1	3.1	3.1	3.1	2.9	
225.0	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.6	
247.5	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
270.0	2.7	2.6	2.6	2.7	2.7	2.8	2.8	2.8	
292.5	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.8	
315.0	2.8	2.8	2.8	2.8	2.8	2.8	2.7	2.7	
337.5	2.7	2.7	2.7	2.6	2.6	2.6	2.6	2.6	

DEPTH:	2000	TILT:	0	RANGE:	3.3	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	
22.5	3.1	2.9	2.9	3.1	3.1	3.1	3.1	3.1	
45.0	2.9	3.1	3.1	2.9	2.9	3.1	3.1	3.1	
67.5	3.1	2.9	2.9	3.1	3.1	3.1	2.9	2.9	
90.0	3.1	3.2	3.3	3.3	3.3	3.3	3.4	3.4	
112.5	3.4	3.3	3.3	3.3	3.3	3.3	3.3	3.3	
135.0	3.4	3.4	3.5	3.5	3.5	3.4	3.3	3.4	
157.5	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	
180.0	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	
202.5	3.3	3.3	3.2	3.2	3.2	3.2	3.1	3.1	
225.0	3.2	3.2	3.2	2.9	3.1	3.1	3.1	3.1	
247.5	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	
270.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	
292.5	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	
315.0	3.3	3.2	3.2	3.2	3.2	3.1	3.1	3.1	
337.5	2.9	2.9	2.9	3.1	3.1	3.1	3.1	3.1	

DEPTH:	2016	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	3.5	3.5	3.5	3.6	3.6	3.5	3.6	3.7	
22.5	3.8	3.6	3.6	3.6	3.8	3.6	3.6	3.6	
45.0	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	
67.5	3.6	3.7	3.7	3.6	3.7	3.6	3.5	3.7	
90.0	3.7	3.8	3.8	3.7	3.7	3.7	3.7	3.9	
112.5	4.0	3.9	3.8	3.8	3.9	3.8	3.9	3.9	
135.0	3.8	3.9	3.9	3.9	3.8	3.8	3.9	3.9	
157.5	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.9	
180.0	3.8	4.0	4.0	3.8	3.9	3.9	3.7	3.8	
202.5	3.9	3.8	3.7	3.7	3.7	3.8	3.8	3.8	
225.0	3.9	3.7	4.0	3.9	3.8	3.9	3.9	4.0	
247.5	4.0	3.7	3.6	3.7	3.6	3.6	3.6	3.6	
270.0	3.5	3.6	3.5	3.5	3.6	3.7	3.7	3.7	
292.5	3.7	3.7	3.7	3.7	3.7	3.6	3.4	3.4	
315.0	3.4	3.4	3.5	3.4	3.5	3.5	3.5	3.5	
337.5	3.5	3.6	3.6	3.4	3.5	3.4	3.4	3.4	

DEPTH:	2017	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH: 2037	TILT: 0	RANGE: 25.0	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6

DEPTH: 2038	TILT: 0	RANGE: 25.0	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	6.5	6.6	6.4	6.3	6.4	6.4	6.3
22.5	6.4	6.4	6.4	6.4	6.3	6.3	6.3
45.0	6.3	6.5	6.5	6.5	6.5	6.5	6.5
67.5	6.4	6.3	6.2	6.1	6.2	6.3	6.3
90.0	6.3	6.4	6.3	6.4	6.4	6.5	6.5
112.5	6.5	6.6	6.6	6.4	6.4	6.5	6.5
135.0	6.5	6.4	6.4	6.5	6.5	6.5	6.6
157.5	6.6	6.7	6.7	6.8	6.8	7.0	7.1
180.0	7.1	7.2	7.2	7.2	7.1	7.1	7.1
202.5	7.1	7.2	7.2	7.1	7.1	7.0	6.8
225.0	6.8	6.8	6.8	6.7	6.7	6.8	6.8
247.5	6.8	6.8	6.8	7.0	7.0	6.7	6.7
270.0	6.8	6.8	6.8	6.7	6.7	6.8	6.7
292.5	6.7	6.6	6.7	6.7	6.7	6.8	6.8
315.0	6.7	6.5	6.4	6.7	6.6	6.5	6.5
337.5	6.5	6.5	6.6	6.5	6.6	6.6	6.5

DEPTH: 2040	TILT: 0	RANGE: 25.0	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	6.3	6.3	6.3	6.3	6.3	6.3	6.3
22.5	6.3	6.3	6.2	6.4	6.3	6.1	6.2
45.0	6.3	6.4	6.2	6.3	6.4	6.3	6.2
67.5	6.3	6.4	6.2	6.2	6.3	6.2	6.4
90.0	6.2	6.3	6.4	6.3	6.4	6.4	6.5
112.5	6.5	6.5	6.6	6.5	6.5	6.6	6.6
135.0	6.7	6.7	6.6	6.6	6.7	6.8	6.6
157.5	6.6	6.6	6.6	6.6	6.7	6.8	6.8
180.0	7.0	7.0	7.0	7.0	6.8	7.0	7.0
202.5	7.0	6.8	7.0	7.1	7.0	7.0	7.1
225.0	7.1	7.0	7.0	6.8	7.0	7.0	7.1
247.5	7.1	7.1	7.2	7.2	7.1	7.0	7.0
270.0	7.0	7.0	7.0	7.0	6.8	6.8	6.8
292.5	6.8	6.7	6.7	6.7	6.6	6.7	6.7
315.0	6.6	6.7	6.6	6.7	7.0	6.6	6.6
337.5	6.6	6.6	6.4	6.4	6.4	6.4	6.4

DEPTH:	2052	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	7.1	7.2	7.2	7.1	6.8	6.7	6.7	6.5	
22.5	6.5	6.6	6.6	6.5	6.4	6.6	6.5	6.4	
45.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	
67.5	6.4	6.5	6.5	6.6	6.5	6.3	6.4	6.4	
90.0	6.3	6.4	6.4	6.5	6.4	6.5	6.4	6.5	
112.5	6.6	6.6	6.6	6.5	6.6	6.7	6.7	6.7	
135.0	6.7	6.7	6.7	6.6	6.8	7.0	6.7	6.6	
157.5	6.8	7.0	7.0	6.8	6.8	7.0	7.1	7.0	
180.0	7.1	7.2	7.2	7.2	7.2	7.3	7.4	7.5	
202.5	7.5	7.5	7.5	7.3	7.4	7.4	7.3	7.5	
225.0	7.4	7.5	7.5	7.4	7.6	7.4	7.3	7.4	
247.5	7.4	7.5	7.5	7.4	7.4	7.4	7.3	7.2	
270.0	7.3	7.3	7.4	7.2	7.3	7.3	7.3	7.2	
292.5	7.3	7.3	7.4	7.3	7.3	7.3	7.3	7.3	
315.0	7.2	7.3	7.4	7.3	7.3	7.5	7.3	7.4	
337.5	7.4	7.3	7.2	7.2	7.2	6.8	6.8	7.1	

DEPTH:	2063	TILT:	0	RANGE:	7.7	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	
22.5	6.8	6.8	6.8	6.8	6.6	6.8	6.8	6.8	
45.0	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	
67.5	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	
90.0	6.8	6.8	6.9	7.0	6.9	7.0	7.2	7.2	
112.5	7.4	7.3	7.2	7.2	7.3	7.3	7.3	7.4	
135.0	7.5	7.5	7.5	7.6	7.6	7.6	7.7	7.7	
157.5	7.7	7.7	7.7	7.8	7.7	7.8	7.9	7.9	
180.0	7.9	8.0	8.0	8.0	8.0	8.1	8.1	8.1	
202.5	8.0	8.1	8.0	7.9	8.0	8.1	8.1	8.0	
225.0	8.1	7.9	8.0	8.0	8.0	7.7	7.8	7.8	
247.5	7.8	7.8	7.7	7.6	7.6	7.7	7.8	8.0	
270.0	7.8	7.7	7.7	7.8	7.9	7.7	7.7	7.6	
292.5	7.7	7.6	7.5	7.3	7.4	7.2	7.2	7.2	
315.0	7.2	7.3	7.3	7.4	7.2	7.2	7.2	7.2	
337.5	7.3	7.4	7.0	7.0	6.9	6.9	7.0	6.8	

DEPTH:	2072	TILT:	0	RANGE:	8.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.9	7.0	7.0	7.0	6.9	6.8	6.8	6.8	
22.5	6.7	6.7	6.7	6.8	6.8	6.9	6.9	6.8	
45.0	6.7	6.7	6.8	6.8	6.8	6.7	6.7	6.8	
67.5	6.9	6.9	6.9	6.9	6.8	6.8	6.9	7.0	
90.0	7.0	6.9	6.9	7.0	7.1	7.0	6.9	7.0	
112.5	7.1	7.1	7.3	7.3	7.4	7.5	7.5	7.6	
135.0	7.8	7.9	8.0	8.0	8.0	8.1	8.2	8.3	
157.5	8.4	8.4	8.4	8.4	8.5	8.6	8.6	8.4	
180.0	8.5	8.6	8.5	8.6	8.4	8.6	8.6	8.6	
202.5	8.4	8.5	8.4	8.4	8.3	8.4	8.4	8.4	
225.0	8.2	8.2	8.2	8.2	8.2	8.3	8.2	8.2	
247.5	8.1	8.2	8.1	8.1	8.0	8.0	8.0	8.0	
270.0	7.9	7.9	7.8	7.9	8.0	8.0	7.8	7.8	
292.5	7.7	7.8	7.8	7.7	7.6	7.5	7.7	7.6	
315.0	7.6	7.5	7.4	7.1	7.1	7.3	7.3	7.3	
337.5	7.1	7.0	7.0	7.1	7.1	7.0	6.9	6.9	

DEPTH:	2080	TILT:	0	RANGE:	10.1	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	7.8	7.9	8.1	8.2	8.3	8.5	8.6	8.7	
22.5	8.7	8.7	8.6	8.5	8.6	8.7	8.7	8.5	
45.0	8.5	8.3	8.3	8.5	8.5	8.4	8.4	8.7	
67.5	8.6	8.5	8.3	8.3	8.4	8.3	8.5	8.4	
90.0	8.4	8.5	8.5	8.6	8.5	8.7	8.6	9.0	
112.5	9.0	9.3	9.7	10.2	10.5	10.3	10.3	10.4	
135.0	10.4	10.3	10.1	9.7	9.8	9.8	9.7	9.7	
157.5	9.8	10.1	10.1	9.9	9.9	9.9	9.9	9.7	
180.0	9.9	10.1	9.9	9.9	10.2	10.1	10.1	10.1	
202.5	10.2	10.4	10.5	10.5	10.5	10.4	10.2	10.3	
225.0	10.3	10.1	10.4	10.2	10.5	10.3	10.3	10.5	
247.5	10.5	10.3	10.6	10.3	10.3	10.4	10.5	10.3	
270.0	9.7	8.6	8.4	8.3	8.2	8.0	7.8	7.7	
292.5	7.6	7.6	7.7	7.7	7.3	7.3	7.3	7.2	
315.0	7.0	7.0	7.0	6.8	7.0	7.0	7.0	7.0	
337.5	6.8	7.0	7.2	7.2	7.2	7.4	7.5	7.5	

DEPTH:	2090	TILT:	0	RANGE:	8.1	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.6	6.7	6.6	6.6	6.7	6.7	6.7	6.7	
22.5	6.7	6.8	6.8	6.7	6.7	6.7	6.7	6.7	
45.0	6.6	6.6	6.6	6.6	6.7	6.6	6.7	6.7	
67.5	6.7	6.8	6.9	6.9	6.9	6.9	6.9	7.1	
90.0	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.2	
112.5	7.3	7.6	7.7	7.8	7.9	7.9	7.9	7.8	
135.0	7.9	8.0	7.9	8.0	7.9	7.9	8.0	8.4	
157.5	8.4	8.3	8.1	8.3	8.3	8.3	8.3	8.2	
180.0	8.3	8.3	8.4	8.4	8.4	8.5	8.5	8.5	
202.5	8.5	8.5	8.4	8.4	8.3	8.3	8.3	8.2	
225.0	8.3	8.2	8.2	8.1	8.1	8.0	8.1	8.2	
247.5	8.2	8.1	8.0	8.0	7.9	7.8	7.6	7.6	
270.0	7.6	7.5	7.4	7.5	7.4	7.3	7.3	7.4	
292.5	7.3	7.3	7.3	7.2	7.2	7.1	7.1	7.1	
315.0	7.1	7.1	7.1	6.8	6.9	6.9	6.9	6.8	
337.5	6.9	6.8	6.6	6.6	6.6	6.6	6.7	6.6	

DEPTH:	2100	TILT:	0	RANGE:	8.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.8	6.8	6.8	7.0	7.1	7.1	7.2	7.1	
22.5	7.3	7.2	7.3	7.2	7.2	7.0	7.0	7.0	
45.0	7.1	7.0	7.0	7.2	7.2	7.2	7.3	7.4	
67.5	7.3	7.4	7.5	7.6	7.6	7.7	7.6	7.6	
90.0	7.7	7.7	7.7	7.8	7.8	7.9	8.0	8.0	
112.5	8.0	7.9	7.9	8.1	8.3	8.6	8.6	8.8	
135.0	8.8	8.8	8.6	8.5	8.8	8.8	8.8	8.8	
157.5	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.9	
180.0	8.9	8.9	8.9	8.9	8.8	8.8	8.9	8.9	
202.5	8.9	8.6	8.8	8.8	8.5	8.4	8.6	8.5	
225.0	8.4	8.3	8.4	8.3	8.3	8.3	8.2	8.3	
247.5	8.2	8.2	8.4	8.2	8.1	8.1	8.1	8.1	
270.0	8.1	8.0	7.9	7.8	7.7	7.7	7.8	7.8	
292.5	7.8	7.6	7.4	7.4	7.4	7.5	7.3	7.2	
315.0	7.2	7.2	7.1	7.2	7.1	7.1	7.1	7.1	
337.5	7.0	7.1	7.0	7.1	7.0	6.7	6.7	7.0	

DEPTH:	2108	TILT:	0	RANGE:	8.5	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.3	
22.5	6.4	6.4	6.5	6.5	6.5	6.6	6.6	6.6	
45.0	6.6	6.6	6.7	6.7	6.7	6.7	6.6	6.8	
67.5	6.8	7.0	7.1	7.2	7.2	7.2	7.2	7.2	
90.0	7.3	7.4	7.3	7.4	7.5	7.5	7.6	7.7	
112.5	7.7	7.8	7.9	8.0	7.9	7.9	7.9	7.9	
135.0	8.0	8.2	8.3	8.4	8.4	8.4	8.5	8.5	
157.5	8.5	8.5	8.5	8.6	8.7	8.9	9.0	9.0	
180.0	9.0	8.9	8.9	8.9	8.9	8.9	8.7	8.9	
202.5	8.9	8.7	8.7	8.9	8.9	8.9	8.9	8.7	
225.0	8.6	8.5	8.4	8.5	8.5	8.5	8.4	8.4	
247.5	8.3	8.4	8.3	8.3	8.2	8.1	8.1	8.1	
270.0	8.1	8.0	7.9	7.9	7.9	7.9	7.9	7.8	
292.5	7.7	7.6	7.6	7.5	7.4	7.4	7.3	7.2	
315.0	7.1	7.1	7.1	7.0	6.8	6.7	6.6	6.5	
337.5	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4	

DEPTH:	2120	TILT:	0	RANGE:	9.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	
22.5	6.4	6.5	6.6	6.5	6.6	6.7	6.7	6.7	
45.0	6.8	6.8	6.8	6.8	7.0	7.0	7.0	7.0	
67.5	7.0	7.2	7.2	7.3	7.5	7.5	7.4	7.4	
90.0	7.5	7.4	7.6	7.7	7.9	7.9	8.1	7.9	
112.5	8.1	8.2	8.3	8.3	8.3	8.3	8.4	8.4	
135.0	8.6	8.7	8.9	8.9	9.2	9.3	9.4	9.4	
157.5	9.3	9.4	9.4	9.4	9.6	9.6	9.7	9.7	
180.0	9.7	9.7	9.7	9.7	9.7	9.6	9.5	9.5	
202.5	9.4	9.4	9.3	9.2	9.2	9.1	9.1	8.9	
225.0	8.9	8.9	8.6	8.5	8.4	8.3	8.2	8.0	
247.5	7.9	7.9	8.0	8.0	8.0	7.9	7.8	7.8	
270.0	7.8	7.7	7.6	7.5	7.3	7.3	7.3	7.3	
292.5	7.3	7.0	7.0	6.7	6.7	6.8	6.8	6.7	
315.0	6.6	6.6	6.6	6.6	6.6	6.5	6.4	6.4	
337.5	6.3	6.2	6.0	6.1	6.2	6.3	6.2	6.3	

DEPTH:	2126	TILT:	0	RANGE:	8.9	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.6	6.5	6.5	6.5	6.5	6.5	6.4	6.4	
22.5	6.4	6.4	6.4	6.4	6.3	6.4	6.6	6.6	
45.0	6.7	6.6	6.7	6.7	6.7	6.8	6.9	6.9	
67.5	6.9	6.8	6.9	6.8	6.8	6.8	6.8	7.1	
90.0	7.2	7.5	7.5	7.7	7.7	7.7	7.7	7.9	
112.5	7.8	7.9	8.1	8.2	8.3	8.5	8.5	8.9	
135.0	8.8	8.8	8.9	8.9	8.9	9.1	8.9	9.1	
157.5	8.9	8.9	9.1	9.1	9.1	9.4	8.9	8.9	
180.0	8.8	8.9	8.9	9.1	9.1	8.9	8.8	8.9	
202.5	8.9	8.8	8.8	8.9	8.8	8.9	8.6	8.8	
225.0	8.6	8.5	8.4	8.5	8.4	8.3	8.2	8.2	
247.5	8.2	8.0	8.0	8.1	8.0	8.0	8.0	8.0	
270.0	8.0	7.9	7.9	7.8	7.7	7.6	7.6	7.6	
292.5	7.5	7.4	7.2	7.2	7.1	6.8	6.8	6.8	
315.0	6.9	6.9	6.9	6.9	6.8	6.7	6.6	6.5	
337.5	6.5	6.6	6.7	6.7	6.7	6.6	6.5	6.5	

DEPTH:	2130	TILT:	0	RANGE:	8.5	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.1	6.0	5.9	6.0	6.2	6.1	6.1	6.1	
22.5	6.1	6.1	6.0	6.1	6.0	6.1	6.0	6.0	
45.0	6.2	6.0	6.1	6.2	6.2	6.2	6.2	6.3	
67.5	6.3	6.4	6.5	6.7	6.8	7.0	7.1	7.2	
90.0	7.4	7.5	7.6	7.7	7.7	7.9	8.0	8.0	
112.5	8.0	8.1	8.2	8.4	8.3	8.1	8.2	8.2	
135.0	8.4	8.6	8.6	8.5	8.9	8.9	8.9	8.9	
157.5	8.9	8.9	8.7	8.7	8.7	8.6	8.6	8.7	
180.0	8.9	8.9	8.9	9.0	9.0	9.0	9.0	9.0	
202.5	8.9	8.9	9.0	9.0	9.0	8.9	8.7	8.9	
225.0	9.0	8.6	8.5	8.4	8.3	8.1	7.8	7.9	
247.5	7.7	7.7	7.8	7.6	7.8	7.6	7.4	7.6	
270.0	7.4	7.2	7.3	7.2	7.2	7.0	7.0	7.0	
292.5	7.3	7.0	6.7	6.5	6.6	6.6	6.4	6.4	
315.0	6.4	6.6	6.5	6.1	6.1	6.1	6.3	6.2	
337.5	6.2	6.2	6.1	6.1	6.2	6.1	6.1	6.3	

DEPTH:	2134	TILT:	0	RANGE:	6.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	3.2	3.2	3.0	3.0	3.0	3.0	3.2	3.2	
22.5	3.3	3.2	3.3	3.4	3.4	3.5	3.5	3.6	
45.0	3.7	3.8	3.9	4.0	4.1	4.1	4.4	4.4	
67.5	4.5	4.6	4.7	4.8	4.8	4.9	4.9	4.9	
90.0	4.9	4.9	4.9	5.0	5.0	5.2	5.2	5.2	
112.5	5.2	5.3	5.3	5.4	5.5	5.6	5.6	5.6	
135.0	5.6	5.6	5.7	5.8	5.9	6.0	6.0	6.0	
157.5	6.0	6.0	6.0	6.1	6.2	6.3	6.4	6.5	
180.0	6.6	6.7	6.7	6.7	6.6	6.6	6.6	6.6	
202.5	6.6	6.5	6.4	6.4	6.3	6.3	6.2	6.1	
225.0	6.1	6.1	6.0	6.0	5.9	5.9	5.8	5.8	
247.5	5.8	5.8	5.7	5.7	5.7	5.6	5.5	5.4	
270.0	5.3	5.3	5.3	5.3	5.3	5.2	4.9	4.8	
292.5	4.7	4.6	4.5	4.4	4.4	4.3	4.2	4.1	
315.0	4.0	4.0	4.0	4.0	4.0	3.9	3.7	3.7	
337.5	3.7	3.6	3.5	3.5	3.4	3.4	3.4	3.3	

DEPTH:	2135	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	2145	TILT:	0	RANGE:	25.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	2146	TILT:	0	RANGE:	9.9	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.8	6.8	6.7	6.5	6.5	6.5	6.3	6.2	
22.5	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.5	
45.0	6.5	6.7	6.7	6.5	6.5	6.7	6.7	6.7	
67.5	6.5	6.3	6.3	6.5	6.5	6.7	6.8	6.8	
90.0	7.0	7.0	7.0	7.0	7.0	7.1	7.1	7.1	
112.5	7.1	7.2	7.2	7.4	7.5	7.7	7.8	8.1	
135.0	8.4	9.3	9.4	9.6	9.7	9.4	9.4	9.7	
157.5	9.7	9.9	9.9	10.1	9.9	9.7	9.6	9.6	
180.0	9.7	9.7	9.4	9.3	9.4	9.6	9.7	9.7	
202.5	10.1	10.3	10.3	10.3	10.5	10.2	10.2	10.2	
225.0	10.3	10.5	10.5	10.2	9.9	9.9	9.7	9.3	
247.5	9.0	8.8	8.7	8.5	8.4	8.1	8.0	7.8	
270.0	7.7	7.8	8.0	8.1	8.1	8.0	7.8	7.5	
292.5	7.4	7.4	7.4	7.4	7.2	7.2	7.2	7.2	
315.0	7.2	7.1	7.0	7.0	6.8	6.8	7.0	7.0	
337.5	7.0	7.1	7.1	7.1	7.1	7.0	6.8	6.8	

DEPTH:	2152	TILT:	0	RANGE:	35.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	7.1	6.9	6.9	6.9	7.1	7.2	7.4	7.4	
22.5	7.2	7.1	7.1	7.2	7.4	7.4	7.2	7.2	
45.0	7.1	7.2	7.4	7.5	7.5	7.7	7.7	7.7	
67.5	7.8	8.0	8.1	8.3	8.3	8.4	8.6	8.7	
90.0	8.7	8.9	8.9	8.9	8.9	9.0	9.1	9.3	
112.5	9.4	9.6	9.9	9.9	9.9	9.7	9.7	9.7	
135.0	9.9	10.0	10.2	10.3	10.5	10.5	10.3	10.5	
157.5	10.5	10.6	10.6	10.6	10.8	10.9	10.9	10.9	
180.0	10.9	10.9	10.8	10.8	10.8	10.6	10.8	10.8	
202.5	10.6	10.9	10.6	10.8	10.8	10.9	10.8	11.2	
225.0	10.9	10.9	10.8	10.8	10.6	10.5	10.3	10.2	
247.5	10.2	10.2	10.0	9.9	9.6	9.4	9.3	9.1	
270.0	8.9	8.7	8.6	8.4	8.3	8.1	8.0	8.1	
292.5	8.1	8.1	7.8	7.8	7.7	7.5	7.5	7.7	
315.0	7.8	7.7	7.7	7.7	7.7	7.5	7.4	7.4	
337.5	7.2	7.2	7.2	7.4	7.4	7.2	7.1	7.1	

DEPTH:	2156	TILT:	0	RANGE:	35.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	7.1	7.1	7.1	6.9	6.8	6.9	7.1	7.2	
22.5	7.4	7.5	7.5	7.4	7.2	7.2	7.4	7.5	
45.0	7.7	8.0	8.1	8.3	8.4	8.4	8.6	8.6	
67.5	8.6	8.4	8.4	8.4	8.6	8.9	8.9	8.9	
90.0	9.0	9.0	9.0	9.1	9.3	9.3	9.3	9.1	
112.5	9.3	9.3	9.6	9.7	9.9	10.0	10.2	10.3	
135.0	10.3	10.2	10.0	10.0	10.2	10.3	10.3	10.3	
157.5	10.5	10.5	10.5	10.3	10.3	10.3	10.5	10.5	
180.0	10.3	10.2	10.0	10.0	10.2	10.3	10.3	10.3	
202.5	10.3	10.5	10.6	10.8	10.9	11.1	11.4	11.4	
225.0	11.4	11.4	11.2	11.1	11.1	10.8	10.5	10.2	
247.5	10.0	9.9	9.7	9.4	9.3	9.1	9.1	9.1	
270.0	9.1	9.0	8.7	8.6	8.4	8.3	8.3	8.3	
292.5	8.3	8.1	8.0	7.7	7.5	7.4	7.2	7.1	
315.0	6.8	6.6	6.5	6.5	6.6	6.6	6.6	6.8	
337.5	6.8	6.9	6.9	6.9	6.9	6.9	7.1	7.1	

DEPTH:	2160	TILT:	0	RANGE:	10.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.5	6.3	6.3	6.2	6.2	6.2	6.2	6.3	
22.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
45.0	6.6	6.6	6.5	6.5	6.5	6.6	6.6	6.6	
67.5	6.6	6.8	6.8	6.8	6.8	6.8	6.8	6.9	
90.0	6.9	7.1	7.1	7.2	7.4	7.4	7.5	7.7	
112.5	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	
135.0	9.0	9.2	9.3	9.5	9.6	9.7	9.7	9.7	
157.5	9.9	9.9	10.0	10.3	10.5	10.6	10.8	10.8	
180.0	10.8	10.6	10.5	10.5	10.6	10.8	10.8	10.6	
202.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	
225.0	10.5	10.5	10.5	10.3	10.2	10.0	9.9	9.7	
247.5	9.5	9.3	9.2	8.9	8.7	8.6	8.4	8.3	
270.0	8.1	8.0	8.1	8.1	8.3	8.3	8.1	8.0	
292.5	7.8	7.7	7.8	8.0	8.0	8.0	7.7	7.5	
315.0	7.5	7.5	7.4	7.2	7.2	7.2	7.1	7.1	
337.5	6.9	6.8	6.8	6.6	6.5	6.5	6.5	6.5	

DEPTH:	2164	TILT:	0	RANGE:	35.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	8.0	7.8	7.8	7.8	7.8	7.7	7.5	7.5	
22.5	7.5	7.7	7.7	7.7	7.5	7.4	7.4	7.4	
45.0	7.5	7.5	7.7	7.7	7.7	7.7	7.7	7.5	
67.5	7.5	7.5	7.7	7.8	8.0	8.0	8.1	8.3	
90.0	8.4	8.6	8.7	8.9	8.9	9.1	9.3	9.4	
112.5	9.6	9.9	10.0	10.2	10.3	10.6	10.6	10.6	
135.0	10.6	10.6	10.6	10.8	10.9	11.1	11.2	11.4	
157.5	11.5	11.7	11.8	12.0	12.0	12.0	12.0	11.8	
180.0	11.8	11.8	11.7	11.7	11.7	11.7	11.8	11.8	
202.5	11.8	12.0	12.0	12.1	12.1	12.1	12.1	12.0	
225.0	12.0	12.0	11.8	11.8	11.8	11.7	11.5	11.5	
247.5	11.4	11.4	11.2	11.2	11.1	10.9	10.8	10.6	
270.0	10.5	10.3	10.2	10.0	10.0	9.9	9.9	9.7	
292.5	9.6	9.3	9.1	9.1	9.1	9.0	8.9	8.6	
315.0	8.4	8.3	8.3	8.4	8.6	8.6	8.6	8.4	
337.5	8.4	8.4	8.3	8.1	8.1	8.1	8.1	8.0	

DEPTH:	2168	TILT:	0	RANGE:	35.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	8.1	8.1	8.1	8.0	8.0	7.8	7.8	7.7	
22.5	7.7	7.7	7.7	7.7	7.5	7.5	7.7	7.7	
45.0	7.8	7.8	8.0	8.0	8.1	8.1	8.1	8.1	
67.5	8.3	8.4	8.4	8.6	8.6	8.7	8.9	8.9	
90.0	9.0	9.0	9.1	9.3	9.4	9.6	9.7	9.7	
112.5	9.9	10.0	10.0	10.2	10.3	10.5	10.6	10.8	
135.0	10.9	11.1	11.2	11.2	11.5	11.7	11.8	12.0	
157.5	12.0	12.0	12.1	12.2	12.4	12.2	12.2	12.4	
180.0	12.4	12.4	12.5	12.5	12.5	12.4	12.4	12.5	
202.5	12.7	12.5	12.5	12.4	12.4	12.4	12.5	12.4	
225.0	12.5	12.5	12.4	12.4	12.1	12.0	12.1	11.8	
247.5	11.8	11.7	11.7	11.7	11.5	11.5	11.4	11.4	
270.0	11.4	11.4	11.1	10.9	10.8	10.6	10.5	10.5	
292.5	10.3	10.2	10.0	9.9	9.7	9.7	9.6	9.4	
315.0	9.1	9.0	9.0	9.0	9.0	9.0	8.9	8.7	
337.5	8.4	8.3	8.3	8.4	8.3	8.3	8.3	8.3	

DEPTH:	2172	TILT:	0	RANGE:	35.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	8.4	8.3	8.3	8.1	8.0	8.0	7.8	7.8	
22.5	7.8	8.0	8.0	8.0	8.0	8.1	8.1	8.1	
45.0	8.0	7.8	7.8	8.0	8.0	8.0	8.1	8.1	
67.5	8.3	8.3	8.4	8.4	8.6	8.6	8.7	8.9	
90.0	9.0	9.1	9.3	9.4	9.6	9.7	9.9	9.9	
112.5	10.0	10.0	10.3	10.5	10.6	10.8	10.9	11.1	
135.0	11.2	11.4	11.5	11.7	11.7	11.7	11.7	11.8	
157.5	11.8	12.0	12.0	12.1	12.2	12.2	12.2	12.2	
180.0	12.2	12.4	12.5	12.7	13.0	13.0	12.8	12.8	
202.5	12.8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	
225.0	12.8	12.8	12.8	12.8	12.7	12.5	12.4	12.4	
247.5	12.2	12.2	12.1	12.0	11.8	11.7	11.5	11.4	
270.0	11.2	11.1	10.9	10.8	10.8	10.8	10.8	10.6	
292.5	10.6	10.5	10.5	10.3	10.2	10.0	9.7	9.7	
315.0	9.6	9.6	9.4	9.3	9.1	9.0	8.7	8.7	
337.5	8.6	8.4	8.4	8.4	8.4	8.4	8.4	8.4	

DEPTH:	2176	TILT:	0	RANGE:	13.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	8.4	8.4	8.2	8.1	8.2	8.2	8.2	8.1	
22.5	8.2	8.2	8.2	8.4	8.4	8.6	8.4	8.6	
45.0	8.2	8.4	8.4	8.4	8.4	8.6	8.7	8.8	
67.5	9.0	9.2	9.3	9.3	9.3	9.3	9.4	9.6	
90.0	9.7	9.9	9.9	10.0	10.3	10.6	10.8	11.2	
112.5	11.4	11.5	11.6	11.8	12.1	12.4	12.4	12.5	
135.0	12.7	12.9	12.9	13.0	13.0	13.1	13.1	13.3	
157.5	13.3	13.6	13.6	13.5	13.6	13.3	13.3	13.5	
180.0	13.5	13.5	13.6	13.7	13.7	13.6	13.3	13.3	
202.5	13.5	13.6	13.5	13.5	13.1	13.3	13.6	13.5	
225.0	13.1	12.9	12.9	12.9	12.7	12.7	12.7	12.7	
247.5	12.5	12.4	12.2	12.1	12.0	11.8	11.8	11.8	
270.0	11.5	11.2	11.1	10.9	10.8	10.8	10.6	10.5	
292.5	10.5	10.3	10.0	9.9	9.7	9.6	9.6	9.6	
315.0	9.6	9.3	9.2	9.2	9.2	9.2	8.8	8.8	
337.5	8.8	8.8	8.7	8.6	8.4	8.4	8.4	8.2	

DEPTH:	2180	TILT:	0	RANGE:	13.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	8.7	8.7	8.8	8.7	8.7	8.5	8.7	8.5	
22.5	8.7	8.7	8.7	8.5	8.5	8.5	8.7	8.8	
45.0	8.8	8.8	8.8	9.2	9.3	9.5	9.6	9.5	
67.5	9.3	9.5	9.6	9.7	9.6	9.5	9.6	9.9	
90.0	9.9	9.9	10.0	10.2	10.6	10.6	10.8	10.8	
112.5	10.9	10.9	10.9	11.0	11.2	11.4	11.5	11.9	
135.0	12.6	12.7	13.1	13.4	13.7	13.7	13.6	13.9	
157.5	13.7	13.6	13.9	14.0	14.0	14.2	14.0	14.0	
180.0	13.9	13.9	13.9	13.9	13.7	13.9	13.9	13.9	
202.5	14.0	13.9	13.9	13.9	13.7	13.7	13.7	13.7	
225.0	13.7	13.7	13.6	13.4	13.6	13.7	13.7	13.6	
247.5	13.3	12.9	12.9	12.7	12.6	12.6	12.2	11.9	
270.0	12.1	11.9	12.1	11.5	11.5	11.5	11.5	11.5	
292.5	11.0	11.0	10.8	10.9	10.8	10.6	10.3	10.2	
315.0	10.0	9.9	9.9	9.7	9.6	9.5	9.5	9.3	
337.5	9.5	9.3	9.3	9.0	9.0	8.8	8.8	8.8	

DEPTH:	2184	TILT:	0	RANGE:	13.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.0	9.0	9.0	9.0	8.8	8.7	8.5	8.4	
22.5	8.3	8.3	8.3	8.4	8.5	8.5	8.5	8.5	
45.0	8.5	8.7	8.7	8.7	8.8	8.8	8.8	9.0	
67.5	9.0	9.2	9.2	9.2	9.3	9.5	9.7	9.9	
90.0	10.0	10.2	10.3	10.5	10.6	10.8	11.0	11.2	
112.5	11.4	11.5	11.7	11.8	12.2	12.6	12.7	12.9	
135.0	13.0	13.1	13.3	13.4	13.6	13.7	13.7	13.9	
157.5	13.9	14.0	14.0	14.0	13.9	14.0	14.0	14.0	
180.0	14.2	14.2	14.2	14.0	14.0	14.0	14.0	14.2	
202.5	14.2	14.0	13.9	13.7	13.6	13.6	13.4	13.4	
225.0	13.3	13.3	13.1	13.0	12.9	12.9	12.7	12.6	
247.5	12.4	12.2	12.1	11.9	11.8	11.8	11.8	11.7	
270.0	11.5	11.4	11.4	11.4	11.0	10.9	10.8	10.6	
292.5	10.5	10.3	10.2	10.2	10.0	9.9	9.7	9.7	
315.0	9.6	9.3	9.2	9.0	9.0	9.0	8.8	8.7	
337.5	8.7	8.7	8.7	8.7	8.8	8.8	8.8	8.8	

DEPTH:	2188	TILT:	0	RANGE:	13.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.1	8.8	8.8	8.8	8.8	8.7	8.7	8.8	
22.5	8.7	8.7	8.8	8.7	8.4	8.7	8.7	8.7	
45.0	8.7	8.7	8.8	8.8	8.8	8.8	8.8	9.1	
67.5	9.1	9.3	9.3	9.3	9.3	9.3	9.3	9.3	
90.0	9.3	9.3	9.1	9.1	8.8	9.1	9.1	9.1	
112.5	9.1	8.8	9.9	10.3	11.0	11.2	11.2	11.4	
135.0	11.6	11.6	11.6	11.6	11.8	12.2	12.2	12.7	
157.5	12.7	12.7	13.5	13.5	13.7	14.1	14.1	14.4	
180.0	14.4	14.5	13.9	13.9	14.1	13.5	13.3	13.7	
202.5	13.5	13.5	13.3	13.3	13.5	13.9	13.7	13.5	
225.0	13.5	13.5	13.7	13.5	13.1	12.7	12.2	11.8	
247.5	11.4	11.2	10.8	10.5	10.5	10.5	10.5	10.3	
270.0	10.1	9.9	9.7	9.5	9.5	9.5	9.7	9.5	
292.5	9.5	9.9	9.9	9.9	9.9	9.9	9.7	9.7	
315.0	9.7	9.7	10.1	9.9	10.1	9.9	9.9	9.9	
337.5	9.7	9.5	9.5	9.5	9.3	9.1	9.1	9.5	

DEPTH: 2192	TILT: 0	RANGE: 50.0	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0 9.1	8.9	8.6	8.6	8.6	9.3	9.1	9.1
22.5 9.1	8.6	8.6	8.4	8.0	7.2	7.0	7.2
45.0 6.5	7.0	6.5	6.5	6.5	6.5	6.3	6.3
67.5 6.3	6.5	6.3	6.3	6.3	6.7	6.3	6.5
90.0 6.5	8.4	8.6	8.9	8.9	8.6	8.6	8.9
112.5 8.9	9.3	9.5	9.7	9.1	9.7	10.1	9.9
135.0 9.9	9.9	10.1	10.1	10.5	11.0	11.2	11.6
157.5 11.6	11.6	11.8	12.0	12.0	12.0	11.8	11.8
180.0 12.0	12.2	12.2	12.2	12.0	11.8	11.8	11.8
202.5 12.0	12.0	11.8	12.0	12.2	12.4	12.6	12.9
225.0 12.6	11.6	11.2	11.0	10.1	6.5	6.5	6.5
247.5 6.7	6.7	7.0	7.2	7.2	6.7	6.3	6.1
270.0 4.0	4.0	4.0	3.8	3.6	3.6	3.4	3.4
292.5 3.4	3.4	3.2	3.0	3.0	2.7	2.5	2.5
315.0 2.5	2.5	2.7	2.7	2.7	3.0	3.0	3.0
337.5 3.2	3.4	3.6	3.2	9.5	9.3	9.3	9.3

DEPTH: 2196	TILT: 0	RANGE: 12.8	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0 7.0	7.2	7.2	7.4	7.4	7.6	7.8	7.8
22.5 7.8	7.8	7.8	7.6	7.8	8.0	8.2	8.6
45.0 8.6	8.9	8.4	8.9	8.6	9.1	9.1	9.5
67.5 9.3	9.7	9.7	9.9	10.1	10.3	10.5	10.5
90.0 10.5	10.7	11.0	11.0	11.2	11.2	11.4	11.6
112.5 11.8	11.8	12.0	12.3	12.3	12.3	12.0	12.0
135.0 12.0	12.0	12.3	12.3	12.4	12.6	12.8	12.8
157.5 12.8	13.1	13.3	13.3	13.3	13.1	12.8	13.1
180.0 13.3	13.5	13.5	13.5	13.3	13.1	12.8	12.6
202.5 12.4	12.3	12.3	12.3	12.3	12.4	12.4	12.3
225.0 12.3	12.3	12.0	12.0	12.0	11.8	11.4	11.2
247.5 11.0	10.7	10.5	10.5	10.3	10.1	9.9	9.7
270.0 9.5	9.3	9.3	9.3	9.3	9.5	9.5	9.1
292.5 9.1	9.1	9.3	9.1	9.1	8.9	8.9	8.9
315.0 8.9	8.6	8.4	8.4	8.0	8.0	7.8	7.8
337.5 7.8	7.6	7.2	7.0	6.7	6.7	6.7	7.0

DEPTH: 2200	TILT: 0	RANGE: 50.0	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0 6.7	6.7	6.7	6.7	6.5	6.5	6.5	6.5
22.5 6.5	6.5	6.7	6.5	6.3	6.3	6.3	6.3
45.0 6.3	6.1	6.1	6.1	6.1	5.9	5.9	6.1
67.5 6.1	6.5	6.1	6.5	7.0	7.6	8.2	8.9
90.0 9.3	9.3	9.5	9.5	9.5	9.5	9.7	9.7
112.5 9.7	9.9	9.9	10.1	10.5	10.5	10.8	11.2
135.0 11.4	11.4	11.2	11.4	11.4	11.4	11.4	11.4
157.5 11.4	11.6	11.4	12.6	12.9	12.9	12.6	12.4
180.0 12.6	12.6	12.2	12.2	12.0	11.6	11.6	11.4
202.5 11.4	11.4	11.4	11.6	11.6	11.4	11.4	11.2
225.0 11.2	11.2	11.4	11.2	11.0	11.0	11.0	11.0
247.5 10.8	10.8	10.8	10.5	10.1	9.9	9.7	9.5
270.0 9.1	8.9	8.6	8.4	8.2	8.0	7.8	8.0
292.5 8.2	8.2	8.2	8.2	8.0	7.8	7.6	7.6
315.0 7.4	7.4	7.4	7.4	7.4	7.0	6.7	7.0
337.5 6.7	6.7	6.5	6.5	6.5	6.5	6.5	6.7

DEPTH:	2204	TILT:	0	RANGE:	50.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	4.4	4.2	4.0	4.0	4.2	4.2	4.2	4.4	
22.5	4.4	4.2	4.0	4.0	4.2	4.2	4.0	3.8	
45.0	3.8	4.0	4.2	4.4	4.6	4.8	5.3	5.5	
67.5	5.7	5.9	6.1	6.3	6.7	7.0	7.2	7.4	
90.0	7.4	7.4	7.2	7.2	7.0	6.7	6.7	7.0	
112.5	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.2	
135.0	8.0	7.8	7.6	7.8	8.0	8.0	8.2	8.4	
157.5	9.3	9.7	11.4	11.8	11.6	11.6	11.8	11.8	
180.0	12.0	12.4	12.2	11.8	12.0	11.8	11.6	10.3	
202.5	9.3	9.5	9.9	9.5	9.3	9.5	9.7	9.7	
225.0	9.7	9.7	9.7	9.7	9.7	10.1	10.3	10.3	
247.5	10.3	10.3	10.3	10.1	9.9	9.9	10.1	10.3	
270.0	10.3	10.1	9.9	9.9	10.1	10.1	9.9	9.9	
292.5	9.5	9.5	9.7	9.3	9.1	9.5	9.5	9.1	
315.0	7.8	8.0	8.0	8.2	7.8	8.2	7.6	7.6	
337.5	7.6	7.8	7.8	7.4	7.4	4.8	4.8	4.6	

DEPTH:	2208	TILT:	0	RANGE:	16.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.2	11.0	11.2	11.2	11.4	11.8	11.4	11.4	
22.5	11.6	11.4	11.8	11.8	11.8	11.8	11.8	12.0	
45.0	12.5	12.5	12.3	12.3	12.0	12.0	12.3	12.3	
67.5	12.5	12.7	12.7	12.9	13.5	13.7	14.1	14.4	
90.0	14.6	14.8	14.8	14.6	14.4	14.6	14.8	15.0	
112.5	15.2	15.6	15.8	16.0	16.2	16.0	15.8	15.8	
135.0	16.2	16.7	16.7	16.9	16.9	16.9	16.7	16.5	
157.5	16.9	16.9	17.3	17.3	16.9	17.1	17.1	17.3	
180.0	17.3	17.3	17.5	17.5	17.1	16.9	16.7	16.9	
202.5	17.1	17.1	16.9	16.5	16.0	15.6	15.4	15.2	
225.0	15.4	15.6	15.8	15.6	15.2	14.8	14.4	14.4	
247.5	14.1	13.7	13.9	13.9	13.7	13.5	13.5	13.5	
270.0	13.5	13.5	13.3	13.1	13.1	13.1	13.5	12.7	
292.5	12.9	12.5	12.0	12.5	12.0	11.4	11.6	11.8	
315.0	11.6	11.6	11.4	11.6	11.8	11.6	11.6	11.4	
337.5	11.4	11.4	11.2	11.4	11.4	11.2	11.0	11.2	

DEPTH:	2212	TILT:	0	RANGE:	17.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	12.3	11.8	11.8	12.0	12.0	11.8	11.8	12.0	
22.5	12.0	12.0	12.4	12.3	12.3	12.3	12.4	12.4	
45.0	12.4	12.3	12.6	12.4	12.4	12.8	12.8	13.1	
67.5	13.1	13.1	13.3	13.5	13.7	13.9	14.1	14.5	
90.0	14.8	14.8	14.8	15.0	15.2	15.4	15.6	15.8	
112.5	15.8	16.2	16.4	16.4	16.4	16.7	16.7	16.7	
135.0	16.7	16.9	17.1	17.3	17.5	17.5	17.5	17.5	
157.5	17.5	17.5	17.7	17.7	17.9	17.9	17.9	17.9	
180.0	18.4	17.9	17.9	18.1	18.1	18.1	17.9	17.9	
202.5	17.9	18.1	17.9	17.9	17.9	17.7	17.1	17.1	
225.0	17.1	16.9	16.7	16.7	16.7	16.7	16.4	16.0	
247.5	16.0	16.0	15.8	15.6	15.4	14.8	14.8	14.5	
270.0	14.3	14.5	14.5	14.5	14.3	13.9	13.5	13.3	
292.5	13.3	13.5	13.5	13.3	13.1	13.1	13.1	13.1	
315.0	12.6	12.8	12.6	12.6	12.4	12.0	12.3	12.3	
337.5	12.0	12.0	12.0	12.3	12.0	12.0	12.3	12.3	

DEPTH:	2216	TILT:	0	RANGE:	17.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	12.2	11.8	12.0	11.8	12.0	12.0	12.0	11.8	
22.5	12.0	11.8	11.8	11.8	11.8	11.8	11.8	12.0	
45.0	12.0	12.2	12.2	12.4	12.4	12.6	12.6	12.6	
67.5	12.8	12.8	13.1	13.3	13.5	13.7	13.9	13.9	
90.0	14.1	14.3	14.6	15.0	15.0	15.0	15.2	15.2	
112.5	15.2	15.4	15.6	15.8	16.0	16.2	16.6	16.6	
135.0	16.9	17.1	17.3	17.5	17.5	17.3	17.5	17.9	
157.5	17.7	17.9	17.9	17.9	17.9	17.7	17.7	17.7	
180.0	17.9	17.9	17.9	17.9	17.9	17.7	17.7	17.5	
202.5	17.3	17.1	17.1	17.1	17.1	17.1	17.1	17.1	
225.0	17.1	17.1	17.1	17.1	17.1	16.9	16.9	16.2	
247.5	16.2	16.2	16.2	15.8	15.8	15.8	15.4	15.2	
270.0	14.8	14.8	14.3	14.3	14.1	14.1	13.7	13.5	
292.5	13.3	13.3	13.5	13.3	13.5	13.5	13.3	12.8	
315.0	12.8	12.8	13.1	12.6	12.4	12.2	12.4	12.2	
337.5	12.4	12.6	12.4	12.4	12.2	12.2	12.2	12.0	

DEPTH:	2220	TILT:	0	RANGE:	16.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.6	11.6	11.6	11.6	11.6	11.4	11.4	11.4	
22.5	11.2	11.6	11.8	11.8	11.6	11.8	12.0	11.8	
45.0	11.8	12.0	12.3	12.5	12.5	12.7	12.5	12.7	
67.5	12.9	13.1	13.3	13.1	13.5	13.5	13.7	13.7	
90.0	14.1	14.4	14.6	14.8	14.8	14.8	15.0	15.2	
112.5	15.2	15.8	15.8	15.6	15.8	16.0	16.2	16.5	
135.0	16.7	16.7	17.1	17.1	16.9	17.3	17.3	17.3	
157.5	16.9	17.1	17.1	17.5	17.5	17.3	17.3	17.5	
180.0	17.3	17.3	17.3	17.5	17.5	17.3	17.3	16.9	
202.5	16.9	17.1	17.3	17.3	17.1	16.9	17.1	17.3	
225.0	16.9	16.2	16.7	16.7	16.5	15.8	16.2	16.0	
247.5	15.8	16.0	16.0	15.4	15.4	15.4	15.2	14.8	
270.0	15.0	14.8	14.6	14.8	14.4	14.4	14.1	13.9	
292.5	13.7	13.5	13.5	13.1	13.1	13.1	12.9	12.5	
315.0	12.5	12.3	12.3	12.3	12.3	12.0	12.0	11.8	
337.5	11.8	11.8	11.8	11.6	11.4	11.4	11.6	11.6	

DEPTH:	2224	TILT:	0	RANGE:	17.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	12.0	11.8	11.8	12.0	12.0	11.8	11.8	12.0	
22.5	12.0	12.2	12.0	12.2	12.5	12.6	12.8	12.5	
45.0	12.5	12.8	12.5	12.6	12.8	13.1	13.3	13.5	
67.5	13.7	13.7	13.5	13.3	13.5	13.7	13.9	14.1	
90.0	14.3	14.3	14.3	15.2	16.0	16.7	17.0	17.0	
112.5	16.9	16.9	16.7	16.7	17.0	17.3	18.0	18.1	
135.0	18.3	18.3	18.3	18.1	18.1	18.3	18.1	18.1	
157.5	18.0	18.1	18.1	18.1	18.3	18.6	18.0	18.0	
180.0	18.3	18.3	18.6	18.6	18.3	18.8	18.6	18.6	
202.5	18.8	18.6	18.8	18.6	18.1	18.1	17.7	17.3	
225.0	17.0	17.0	17.0	16.4	16.9	16.9	16.4	16.4	
247.5	16.2	16.0	15.4	15.4	15.2	15.2	14.9	15.2	
270.0	15.4	15.4	15.2	14.9	14.6	14.6	14.7	13.7	
292.5	13.5	13.5	13.5	13.3	13.1	13.1	13.3	12.8	
315.0	13.1	12.6	12.5	12.0	12.2	12.0	11.8	12.2	
337.5	11.8	12.0	11.8	11.8	11.8	11.6	12.0	12.0	

DEPTH:	2228	TILT:	0	RANGE:	15.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	10.1	9.9	9.9	9.7	9.7	9.5	9.7	9.7	
22.5	9.7	9.9	9.7	9.7	9.5	9.5	9.5	9.5	
45.0	9.5	9.5	9.7	9.9	10.1	10.3	10.3	10.5	
67.5	10.8	11.0	11.2	11.2	11.4	11.8	11.8	12.3	
90.0	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.3	
112.5	12.0	12.3	12.4	12.6	12.8	13.1	13.3	13.7	
135.0	13.7	13.5	13.1	12.8	13.3	13.5	14.1	14.8	
157.5	15.2	15.4	15.6	16.0	16.0	16.0	15.8	15.8	
180.0	15.6	15.4	15.4	15.4	15.6	15.8	16.0	16.0	
202.5	16.0	15.8	15.6	15.6	15.8	15.8	15.6	15.4	
225.0	15.0	15.0	15.0	14.8	14.6	14.3	14.1	13.9	
247.5	13.5	13.3	13.1	12.6	12.4	12.3	12.0	11.6	
270.0	11.4	11.2	11.0	10.5	10.3	10.1	9.9	9.9	
292.5	10.1	10.3	10.3	10.3	10.1	9.9	9.9	10.1	
315.0	10.3	10.3	10.1	9.7	9.5	9.5	9.7	9.9	
337.5	10.1	9.9	9.7	9.5	9.7	9.7	9.9	10.1	

DEPTH:	2232	TILT:	0	RANGE:	15.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	7.8	7.6	7.8	7.8	7.6	7.4	7.6	7.8	
22.5	7.8	8.0	8.2	8.5	8.7	8.9	8.9	8.9	
45.0	8.9	8.7	8.5	8.2	8.5	8.7	9.5	10.1	
67.5	10.7	11.2	11.4	11.6	12.0	12.0	12.0	11.6	
90.0	11.4	11.2	11.0	11.0	11.2	11.4	11.8	12.5	
112.5	12.5	12.3	12.7	12.9	13.1	13.3	13.7	13.9	
135.0	13.9	13.9	14.1	14.1	13.9	13.9	13.9	13.9	
157.5	13.9	14.1	14.1	14.1	14.3	14.3	15.2	15.2	
180.0	15.6	15.8	16.0	16.0	16.0	16.3	15.8	16.0	
202.5	16.7	16.5	16.5	16.0	15.8	15.8	15.8	15.8	
225.0	15.4	14.5	14.3	13.7	12.9	12.7	11.8	11.6	
247.5	11.2	11.0	10.7	10.3	9.5	8.9	8.0	7.8	
270.0	7.6	7.8	7.6	7.6	8.0	8.0	8.2	8.5	
292.5	8.5	8.5	8.5	8.5	8.7	8.9	8.9	8.9	
315.0	8.7	8.5	8.2	8.2	8.0	8.0	8.0	8.0	
337.5	7.8	7.6	7.4	7.6	7.6	7.8	8.0	8.0	

DEPTH:	2236	TILT:	0	RANGE:	5.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.7	2.7	2.7	3.0	3.0	3.0	3.0	3.8	
22.5	3.8	3.6	3.4	3.4	3.4	3.6	3.6	3.6	
45.0	3.6	3.6	4.2	4.0	4.0	3.8	3.4	3.8	
67.5	4.2	4.2	4.0	3.8	4.0	4.4	4.4	4.2	
90.0	3.6	4.2	3.8	4.2	4.2	4.0	4.2	4.2	
112.5	4.2	4.4	4.4	4.2	4.2	4.4	4.6	4.6	
135.0	4.8	4.8	4.6	4.4	4.2	4.2	4.4	4.4	
157.5	4.6	4.6	4.8	4.8	4.8	4.6	4.8	4.8	
180.0	4.8	5.1	5.3	5.3	5.5	5.5	5.5	5.3	
202.5	5.1	5.1	5.1	5.1	5.1	5.1	4.8	4.8	
225.0	4.8	4.8	4.8	4.6	4.6	4.6	4.6	4.6	
247.5	4.6	4.6	4.4	4.4	4.2	4.2	4.0	3.8	
270.0	3.6	3.4	3.4	3.2	3.0	2.7	2.5	2.3	
292.5	2.3	2.3	2.5	2.5	2.5	2.5	2.5	2.3	
315.0	2.3	2.3	2.3	2.7	2.3	2.7	2.7	2.7	
337.5	2.5	2.7	2.5	3.0	2.7	2.7	2.5	2.7	

DEPTH: 2237	TILT: 0		RANGE: 50.0		VOS: 6039			
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
22.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
45.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
67.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
90.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
112.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
135.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
157.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
180.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
202.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
225.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
247.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
270.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
292.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
315.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
337.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	

DEPTH: 2281	TILT: 0		RANGE: 50.0		VOS: 6039			
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
22.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
45.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
67.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
90.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
112.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
135.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
157.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
180.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
202.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
225.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
247.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
270.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
292.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
315.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
337.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	

DEPTH: 2282	TILT: 0		RANGE: 29.0		VOS: 6039			
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	24.5	24.5	24.2	24.5	24.5	24.7	24.7	
22.5	24.8	24.8	24.7	24.5	24.8	24.7	24.7	
45.0	24.7	24.7	24.7	24.7	24.7	24.7	24.8	
67.5	24.8	25.1	25.1	25.7	25.9	26.3	26.8	
90.0	27.0	27.0	27.1	27.4	27.4	27.1	27.6	
112.5	27.6	27.9	27.6	27.6	27.9	29.3	28.9	
135.0	28.5	28.9	28.9	29.1	29.1	29.5	29.5	
157.5	30.0	30.1	30.3	30.3	30.3	30.3	30.6	
180.0	30.3	30.6	30.3	30.3	30.1	30.3	30.1	
202.5	30.1	30.3	30.1	29.7	30.1	29.7	29.7	
225.0	29.5	29.5	29.1	28.9	28.6	28.6	28.5	
247.5	28.6	28.5	28.0	27.9	27.9	27.9	27.6	
270.0	27.1	26.8	27.0	27.0	26.5	26.3	26.2	
292.5	26.2	26.2	26.2	26.2	25.9	25.9	25.6	
315.0	25.6	24.8	24.8	25.1	24.8	24.7	24.7	
337.5	24.7	24.2	24.5	24.7	24.5	24.5	24.2	

DEPTH:	2286	TILT:	0	RANGE:	29.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	24.4	24.2	24.2	24.2	24.2	24.1	24.2	24.2	
22.5	24.2	24.4	24.2	24.7	24.4	24.7	24.7	25.1	
45.0	25.1	25.1	25.1	25.3	25.3	25.4	25.9	26.2	
67.5	26.3	26.3	26.3	26.3	26.6	26.8	26.8	26.8	
90.0	26.9	26.8	26.9	26.9	27.4	27.2	27.4	27.6	
112.5	28.1	28.1	28.1	28.2	28.2	28.1	28.4	28.7	
135.0	28.9	29.3	29.6	29.7	29.7	29.9	29.9	30.2	
157.5	30.3	30.3	29.9	29.9	30.2	30.8	30.6	30.6	
180.0	30.9	30.9	30.9	31.2	31.2	30.6	30.6	30.6	
202.5	30.6	30.3	30.2	30.2	29.9	29.7	29.7	29.7	
225.0	29.6	29.6	29.3	29.3	28.9	28.7	28.9	28.7	
247.5	28.4	28.4	28.2	28.4	28.2	28.1	27.8	28.1	
270.0	27.6	26.9	27.2	26.9	27.2	26.9	26.8	26.6	
292.5	26.6	26.6	26.9	26.8	26.8	26.3	26.2	26.6	
315.0	26.2	25.4	25.9	25.9	25.7	25.4	25.4	25.1	
337.5	25.1	25.3	25.3	24.8	24.8	24.4	24.2	24.2	

DEPTH:	2290	TILT:	0	RANGE:	29.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	24.4	24.4	24.4	24.2	24.4	24.7	24.4	24.2	
22.5	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.8	
45.0	24.8	24.8	25.1	25.1	25.3	25.3	25.3	25.3	
67.5	25.4	25.7	25.7	25.9	26.2	26.2	26.6	26.9	
90.0	26.9	27.2	27.2	27.4	26.9	27.2	27.4	27.6	
112.5	27.6	28.1	28.4	27.8	28.2	28.4	28.4	28.7	
135.0	28.9	29.1	29.3	29.6	29.6	29.6	29.6	29.7	
157.5	29.9	30.2	30.3	30.6	30.8	30.8	30.6	30.8	
180.0	30.9	31.2	30.9	30.9	30.8	30.9	30.8	30.8	
202.5	30.3	30.3	29.9	29.7	29.9	29.9	29.7	29.6	
225.0	29.7	29.3	29.6	29.6	29.3	28.9	28.9	28.7	
247.5	28.4	28.7	28.4	28.4	27.6	28.1	27.6	27.4	
270.0	27.4	27.2	26.9	26.9	27.2	27.2	26.8	26.6	
292.5	26.6	26.6	26.3	26.3	26.2	25.9	25.9	25.9	
315.0	25.9	25.7	25.3	25.3	25.1	25.3	25.1	24.7	
337.5	24.4	24.4	24.4	24.4	24.2	24.2	24.2	24.2	

DEPTH:	2294	TILT:	0	RANGE:	29.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	25.1	24.9	24.9	24.6	24.6	24.6	24.6	24.6	
22.5	24.5	24.5	24.6	24.9	24.9	25.1	25.3	25.1	
45.0	25.1	25.3	25.3	25.3	25.5	25.3	25.1	25.3	
67.5	25.8	25.9	25.9	26.1	26.4	26.4	26.4	26.5	
90.0	26.8	27.0	27.1	27.1	27.4	27.4	27.4	27.1	
112.5	27.0	27.1	27.0	27.1	27.7	27.4	27.4	27.7	
135.0	28.0	28.3	29.0	29.5	30.4	30.2	30.5	30.5	
157.5	30.8	30.8	31.2	31.0	30.8	31.0	31.2	31.4	
180.0	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	
202.5	31.4	31.4	31.2	31.2	31.2	31.2	30.8	30.8	
225.0	30.8	30.5	30.4	30.2	29.9	29.9	29.7	29.7	
247.5	29.5	29.3	29.5	29.3	29.3	29.5	28.9	28.4	
270.0	28.3	27.8	27.8	27.7	27.8	27.7	27.4	27.1	
292.5	27.0	27.0	27.0	26.8	26.5	26.4	26.5	26.4	
315.0	26.4	26.1	25.9	25.8	25.8	25.8	25.8	25.8	
337.5	25.5	25.5	25.1	25.1	25.3	25.3	24.9	25.1	

DEPTH:	2298	TILT:	0	RANGE:	28.3	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	21.6	21.3	21.2	21.2	21.3	21.1	21.2	20.8	
22.5	21.2	21.1	21.1	21.2	21.2	21.3	21.6	21.6	
45.0	21.6	21.2	21.2	21.3	21.6	21.7	21.8	21.9	
67.5	22.2	22.3	22.4	23.0	23.1	23.5	23.6	23.7	
90.0	23.9	24.2	24.2	24.1	23.9	23.9	24.1	24.2	
112.5	24.2	24.2	24.2	24.5	24.9	24.9	25.4	25.5	
135.0	25.4	25.3	25.5	25.9	26.0	26.7	26.8	27.0	
157.5	27.4	27.6	27.8	28.0	28.4	28.4	29.2	29.0	
180.0	28.6	28.7	29.0	29.8	29.5	28.5	28.1	28.4	
202.5	28.4	28.7	28.7	29.1	29.2	29.1	28.7	28.6	
225.0	28.5	28.4	28.1	28.0	27.6	27.0	26.7	26.1	
247.5	26.4	26.0	25.6	24.7	24.3	24.3	24.3	24.2	
270.0	24.1	23.7	23.6	23.5	23.5	23.5	23.3	23.0	
292.5	22.8	22.4	22.4	21.9	21.8	21.9	21.9	21.7	
315.0	21.6	21.8	22.2	21.7	21.7	21.7	21.7	21.6	
337.5	21.6	21.3	21.3	21.6	21.6	21.7	21.6	21.6	

DEPTH:	2302	TILT:	0	RANGE:	23.5	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	16.1	16.4	16.0	16.3	16.0	16.3	16.1	16.1	
22.5	16.1	16.3	16.4	16.6	16.6	16.6	16.7	16.8	
45.0	17.0	17.3	17.3	17.4	17.4	17.6	18.3	19.2	
67.5	18.9	19.4	19.1	19.1	18.9	19.1	19.4	20.0	
90.0	20.0	20.0	20.1	20.0	20.1	20.3	20.0	20.3	
112.5	20.3	20.5	20.6	20.6	20.5	20.6	20.9	21.1	
135.0	21.8	22.4	22.8	23.0	23.4	23.9	24.3	24.8	
157.5	24.8	24.6	24.5	24.3	24.3	24.3	24.2	24.3	
180.0	24.5	24.5	24.5	24.3	24.2	24.5	24.6	24.8	
202.5	24.8	24.5	24.5	23.7	23.9	23.3	23.3	23.4	
225.0	23.3	23.1	23.0	22.4	22.0	21.8	21.5	21.2	
247.5	21.1	20.8	20.6	20.3	20.3	20.1	19.8	19.4	
270.0	19.1	18.9	18.2	18.2	18.0	17.9	17.7	17.4	
292.5	17.3	17.4	17.4	17.3	17.1	17.0	16.8	16.7	
315.0	16.6	16.4	16.1	16.0	16.0	16.0	16.1	16.4	
337.5	16.3	16.0	16.1	15.7	15.8	16.0	16.3	15.5	

DEPTH:	2306	TILT:	0	RANGE:	18.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	10.4	10.5	10.5	10.4	10.1	10.1	10.4	10.4	
22.5	10.5	10.5	10.5	10.1	10.4	10.4	11.0	11.0	
45.0	11.0	11.0	11.0	10.8	10.5	10.8	11.0	11.1	
67.5	11.4	11.6	11.8	12.0	12.4	12.6	12.9	13.0	
90.0	13.3	13.5	13.9	13.9	13.7	13.5	13.7	13.9	
112.5	14.1	14.4	14.5	14.8	15.0	15.4	15.6	15.8	
135.0	16.0	15.8	15.6	15.6	15.8	16.3	16.4	16.6	
157.5	16.9	17.0	17.5	17.7	17.9	18.4	18.5	18.8	
180.0	19.2	19.4	19.0	19.2	19.4	19.6	19.6	19.4	
202.5	19.2	19.0	18.8	18.4	18.4	18.5	18.5	18.4	
225.0	17.9	17.7	17.5	17.5	17.0	16.9	16.9	16.9	
247.5	16.9	16.4	16.0	15.8	15.4	15.2	15.0	14.8	
270.0	14.5	14.1	13.9	13.7	13.5	13.0	12.6	12.4	
292.5	12.4	12.2	12.0	11.8	11.8	11.4	11.4	11.4	
315.0	11.4	11.1	11.0	10.8	10.8	10.8	10.4	10.5	
337.5	10.4	10.1	10.4	10.5	10.4	10.4	10.4	10.4	

DEPTH:	2308	TILT:	0	RANGE:	50.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
22.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
45.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
67.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
90.0	1.3	1.3	1.5	1.7	2.1	2.3	2.7	3.0	
112.5	3.4	3.6	8.6	8.4	8.0	8.0	7.6	7.4	
135.0	7.4	7.2	7.0	7.0	6.7	6.7	6.7	6.7	
157.5	7.0	7.2	7.4	7.4	7.2	7.0	7.2	7.2	
180.0	7.2	7.4	7.6	7.6	7.2	7.2	7.2	7.2	
202.5	7.0	7.2	7.2	7.2	7.2	7.2	6.5	7.0	
225.0	7.0	7.2	7.4	7.8	8.0	8.2	8.4	8.4	
247.5	8.2	8.0	8.0	8.0	8.2	8.9	9.1	9.3	
270.0	9.5	9.5	9.5	9.3	8.4	2.7	2.7	2.5	
292.5	2.3	2.3	2.3	2.1	1.9	1.9	1.7	1.7	
315.0	1.5	1.3	1.3	1.3	1.3	1.3	1.3	1.1	
337.5	1.1	1.1	1.1	1.1	0.8	0.8	0.8	0.8	

DEPTH:	2309	TILT:	0	RANGE:	50.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	2333	TILT:	0	RANGE:	50.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
22.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
45.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
67.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
90.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
112.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
157.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
202.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
225.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
247.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
270.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
292.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
315.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
337.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	

DEPTH:	2334	TILT:	0	RANGE:	9.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.5	
22.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
45.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
67.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9	2.1	
90.0	2.3	2.5	2.7	3.0	3.4	3.6	3.8	4.0	
112.5	4.2	4.4	7.0	8.4	8.9	9.1	9.3	9.5	
135.0	9.7	9.7	9.7	9.5	9.3	9.1	9.1	9.1	
157.5	9.1	9.1	8.9	8.9	8.6	8.6	8.6	8.6	
180.0	8.6	8.4	8.2	8.2	8.2	8.2	8.4	8.6	
202.5	8.6	8.9	8.9	8.9	8.6	8.4	8.2	8.4	
225.0	8.4	8.6	8.9	9.1	9.1	9.3	9.3	9.3	
247.5	9.3	9.1	8.9	8.9	8.9	8.6	8.4	8.2	
270.0	7.8	7.4	7.2	7.0	6.5	6.3	6.1	5.7	
292.5	5.5	5.3	4.9	4.6	4.4	4.2	4.0	3.8	
315.0	3.6	3.1	3.0	2.7	2.5	2.3	2.3	2.3	
337.5	2.3	2.3	2.1	2.1	2.1	2.1	1.9	1.9	

DEPTH:	2338	TILT:	0	RANGE:	32.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	26.5	26.1	26.0	26.0	26.0	26.0	26.0	26.0	
22.5	26.0	26.0	26.0	26.0	26.0	25.7	25.6	25.3	
45.0	25.6	25.7	26.0	26.0	25.6	25.6	25.7	26.1	
67.5	26.5	26.9	27.6	27.9	28.3	28.4	28.4	28.3	
90.0	27.9	27.9	27.3	27.3	27.6	27.3	27.2	26.9	
112.5	26.8	26.8	27.2	27.3	27.6	27.9	28.7	29.3	
135.0	29.7	31.2	32.0	31.9	31.9	31.6	31.2	31.0	
157.5	31.2	31.5	31.6	31.9	32.0	32.0	32.8	32.8	
180.0	32.8	32.7	33.1	33.1	33.5	33.7	33.7	33.9	
202.5	34.3	34.2	33.2	32.7	32.8	33.1	33.2	33.2	
225.0	33.1	32.7	32.3	31.6	31.2	31.0	30.8	30.4	
247.5	30.1	30.0	29.7	29.5	29.5	29.7	30.0	30.0	
270.0	30.1	30.1	30.0	29.7	29.5	29.3	29.1	28.9	
292.5	28.7	28.9	28.9	28.7	28.4	28.3	28.3	28.3	
315.0	28.0	28.3	28.3	28.0	27.9	27.6	26.9	26.8	
337.5	26.5	26.1	26.0	26.0	26.1	26.4	26.5	26.8	

DEPTH:	2342	TILT:	0	RANGE:	23.5	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	20.0	20.1	20.0	19.8	19.7	19.5	19.4	19.1	
22.5	19.4	19.2	19.2	19.4	19.4	19.5	19.7	19.8	
45.0	20.0	20.5	20.6	20.9	21.2	21.7	22.1	22.0	
67.5	21.8	21.8	21.5	21.4	21.1	20.8	20.1	20.0	
90.0	19.8	19.5	19.4	19.2	19.1	18.9	18.9	18.9	
112.5	18.9	19.2	19.4	19.4	19.2	19.1	19.2	19.4	
135.0	21.1	21.4	21.5	21.7	22.0	22.1	22.2	22.5	
157.5	22.7	23.0	23.1	23.3	23.6	24.0	24.2	24.2	
180.0	24.0	23.9	24.0	24.2	24.5	24.6	24.8	24.8	
202.5	24.6	24.5	24.6	24.8	24.8	24.5	24.3	24.2	
225.0	23.9	21.2	20.6	19.2	19.1	18.9	18.8	18.6	
247.5	18.5	18.2	18.0	17.9	17.9	18.0	17.9	17.7	
270.0	17.6	17.6	17.7	17.6	17.4	17.3	17.4	17.6	
292.5	17.7	17.9	17.9	17.7	17.6	17.4	17.6	17.6	
315.0	17.4	17.6	17.7	17.9	18.0	18.2	18.8	18.9	
337.5	19.4	19.7	20.0	20.0	19.8	19.7	19.7	19.8	

DEPTH:	2346	TILT:	0	RANGE:	19.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	12.0	12.1	12.4	12.7	12.8	13.3	14.6	15.2	
22.5	15.2	15.5	15.6	15.8	15.6	15.5	15.5	15.5	
45.0	15.6	15.8	15.6	15.5	15.2	15.1	15.2	15.2	
67.5	15.3	15.6	15.8	15.8	15.6	15.5	15.6	15.8	
90.0	15.8	15.6	15.5	15.6	15.8	16.0	16.1	16.0	
112.5	15.8	15.8	16.0	16.0	15.8	15.6	15.5	15.6	
135.0	15.6	15.5	15.3	15.2	15.1	15.2	15.1	14.9	
157.5	14.8	14.8	15.1	15.3	15.5	15.6	15.8	16.0	
180.0	16.2	16.5	16.7	17.6	17.9	18.0	18.9	19.0	
202.5	19.2	19.2	19.3	19.7	19.8	19.9	20.1	20.1	
225.0	20.1	12.7	12.8	13.0	13.2	13.0	12.8	12.7	
247.5	12.5	12.7	12.8	13.0	13.2	13.3	13.4	13.6	
270.0	13.7	14.0	14.2	14.3	15.1	16.1	16.0	16.0	
292.5	16.0	15.8	15.6	15.5	14.6	14.3	13.3	13.2	
315.0	12.5	12.3	12.0	11.8	11.6	11.6	11.8	11.5	
337.5	11.6	12.0	11.6	11.6	11.8	11.6	11.8	12.1	

DEPTH:	2350	TILT:	0	RANGE:	9.5	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.7	6.8	7.0	7.0	7.0	6.8	6.8	7.0	
22.5	7.0	7.0	6.8	6.7	6.7	6.8	7.0	7.0	
45.0	7.0	6.7	6.7	6.6	6.8	7.0	7.0	7.2	
67.5	7.4	7.4	7.4	7.0	6.6	6.1	6.0	5.9	
90.0	6.0	6.0	5.9	5.6	5.5	5.4	5.4	6.0	
112.5	6.0	6.0	5.9	5.9	6.0	6.3	6.5	7.0	
135.0	7.9	8.4	8.4	8.4	8.4	8.5	8.6	8.7	
157.5	8.8	9.0	9.0	9.0	9.0	9.0	9.3	9.4	
180.0	9.5	9.6	9.6	9.6	9.7	9.8	10.0	9.7	
202.5	9.8	9.8	9.7	9.6	9.5	9.4	9.8	9.7	
225.0	9.7	9.6	6.3	5.4	5.3	4.5	4.5	4.5	
247.5	4.5	4.7	5.0	5.0	5.0	4.8	5.0	5.0	
270.0	5.3	5.0	5.0	5.0	5.0	4.8	4.8	4.7	
292.5	4.8	4.8	5.0	5.0	5.2	5.2	5.0	5.0	
315.0	5.0	5.0	5.2	5.4	5.5	5.8	6.0	6.2	
337.5	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.5	

DEPTH:	2351	TILT:	0	RANGE:	35.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
22.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
45.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
67.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
90.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
112.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
135.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
157.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
180.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
202.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
225.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
247.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
270.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
292.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
315.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
337.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	

DEPTH:	2367	TILT:	0	RANGE:	35.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
22.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
45.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
67.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
90.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
112.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
135.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
157.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
180.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
202.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
225.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
247.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
270.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
292.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
315.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
337.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	

DEPTH:	2369	TILT:	0	RANGE:	16.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.2	6.0	6.2	6.0	5.7	6.0	5.9	5.9	
22.5	5.9	5.9	6.2	6.0	6.2	6.0	6.4	6.4	
45.0	6.4	6.4	6.7	6.8	6.9	7.1	7.2	7.2	
67.5	7.4	7.1	7.1	7.2	7.2	7.4	7.4	7.4	
90.0	7.6	7.9	8.4	8.7	9.0	8.8	9.1	9.0	
112.5	8.8	8.8	8.8	8.8	9.4	9.8	10.2	10.5	
135.0	10.6	11.0	11.2	13.3	13.3	16.3	16.8	17.1	
157.5	17.1	17.0	16.7	16.6	16.3	16.3	16.6	16.7	
180.0	16.8	16.8	16.7	16.7	17.0	17.1	17.3	17.6	
202.5	17.6	17.4	17.4	17.6	17.6	17.7	17.4	17.0	
225.0	16.7	16.6	16.3	15.5	15.2	14.9	13.7	13.3	
247.5	13.0	12.2	11.7	11.4	11.0	10.5	9.8	9.8	
270.0	9.8	9.8	9.4	9.3	9.4	9.4	9.4	9.3	
292.5	9.3	9.3	9.4	9.3	8.7	8.4	8.0	7.6	
315.0	7.4	7.1	6.9	6.9	6.8	6.7	6.8	6.8	
337.5	6.7	6.7	6.5	6.5	6.4	6.4	6.0	6.0	

DEPTH:	2370	TILT:	0	RANGE:	35.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
22.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
45.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
67.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
90.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
112.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
135.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
157.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
180.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
202.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
225.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
247.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
270.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
292.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
315.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
337.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	

DEPTH: 2380	TILT: 0	RANGE: 35.0	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
22.5 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
45.0 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
67.5 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
90.0 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
112.5 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
135.0 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
157.5 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
180.0 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
202.5 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
225.0 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
247.5 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
270.0 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
292.5 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
315.0 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
337.5 0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

DEPTH: 2381	TILT: 0	RANGE: 21.6	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0 10.7	10.5	10.6	10.4	10.2	10.2	10.2	10.2
22.5 9.9	10.0	10.0	9.9	10.0	10.2	10.2	10.4
45.0 10.2	10.6	10.5	10.6	10.7	11.1	11.1	11.6
67.5 11.4	11.4	11.8	11.8	12.4	12.4	12.6	12.7
90.0 12.7	13.1	13.3	13.7	13.9	14.2	14.5	14.7
112.5 15.0	16.1	16.2	16.8	17.1	17.7	18.6	19.4
135.0 20.2	20.6	21.1	21.4	21.6	21.6	21.8	21.8
157.5 21.6	21.6	21.6	21.8	22.0	22.0	21.8	21.6
180.0 22.0	22.1	22.3	22.6	22.6	22.7	22.6	22.6
202.5 22.6	22.6	22.7	22.7	22.6	22.5	22.3	22.3
225.0 22.3	22.1	22.0	21.6	21.6	21.4	20.6	20.4
247.5 19.9	19.7	19.6	19.5	19.2	18.7	18.6	18.5
270.0 18.3	17.7	17.4	17.3	17.0	16.8	16.1	15.2
292.5 15.2	15.0	14.7	14.6	14.3	14.0	13.9	13.7
315.0 13.5	13.0	12.6	11.8	11.8	11.8	11.8	11.8
337.5 11.6	11.6	11.6	11.4	11.4	11.2	11.1	10.7

DEPTH: 2392	TILT: 0	RANGE: 20.0	VOS: 6039				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0 8.9	8.9	8.5	8.4	8.3	8.1	8.1	8.1
22.5 8.3	8.3	8.1	7.9	7.8	7.8	7.8	7.7
45.0 7.5	7.7	7.8	7.8	7.9	7.9	8.3	8.3
67.5 8.4	8.4	8.4	8.7	8.7	9.1	9.0	9.3
90.0 10.0	10.0	10.0	10.3	10.5	10.6	11.1	12.0
112.5 13.0	14.3	16.1	16.1	17.9	19.5	19.7	19.9
135.0 20.1	20.5	20.8	20.9	21.1	21.1	20.7	20.7
157.5 20.7	20.5	20.3	20.5	20.5	20.2	20.1	19.9
180.0 19.7	19.5	19.3	19.3	19.3	19.7	19.7	19.3
202.5 19.1	19.1	19.1	19.1	18.9	18.7	18.7	18.9
225.0 19.1	19.1	18.6	18.6	18.5	18.0	17.9	17.5
247.5 17.4	17.1	16.8	16.5	16.4	16.2	15.6	15.5
270.0 15.2	15.2	15.4	15.4	15.0	14.8	14.6	14.3
292.5 13.8	13.6	13.4	13.2	13.2	13.2	13.0	12.6
315.0 12.2	10.6	10.3	10.0	9.7	9.6	9.4	9.3
337.5 9.3	9.4	9.6	9.6	9.6	9.4	9.3	9.0

DEPTH:	2396	TILT:	0	RANGE:	16.1	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	
22.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.5	
45.0	3.5	3.5	3.7	3.8	3.8	3.8	3.8	3.8	
67.5	4.0	4.3	4.4	5.2	5.2	5.3	5.4	5.6	
90.0	5.8	6.0	6.5	7.2	7.2	7.4	7.4	7.5	
112.5	7.8	8.3	8.4	8.6	8.7	9.0	9.3	10.5	
135.0	10.9	12.4	13.6	13.9	14.2	14.3	14.6	15.6	
157.5	15.8	16.1	16.2	16.2	16.0	16.0	16.2	16.5	
180.0	16.6	16.8	17.0	17.0	16.8	16.6	16.2	16.1	
202.5	15.8	15.6	15.5	15.4	15.2	15.1	14.9	14.7	
225.0	14.2	14.0	13.9	13.7	13.7	13.9	13.5	13.1	
247.5	12.8	12.4	12.1	12.0	11.8	11.2	11.1	10.8	
270.0	10.5	10.2	9.9	9.2	9.0	8.1	7.9	6.8	
292.5	6.7	6.3	6.0	5.4	5.3	5.2	4.9	4.6	
315.0	4.3	4.1	4.0	4.0	4.1	4.1	4.1	3.8	
337.5	3.8	4.0	3.8	3.8	3.8	3.8	3.8	4.0	

DEPTH:	2400	TILT:	0	RANGE:	12.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	5.9	5.7	5.7	5.7	5.5	5.5	5.3	5.1	
22.5	4.6	2.3	2.3	2.1	2.3	2.1	2.5	2.5	
45.0	2.1	2.1	1.9	1.9	2.1	2.1	2.1	2.1	
67.5	1.9	1.9	2.1	2.1	2.1	2.1	2.1	2.3	
90.0	2.3	2.3	2.3	2.5	2.5	2.5	2.5	2.5	
112.5	2.5	2.3	2.3	2.3	2.3	2.5	2.5	2.8	
135.0	3.0	3.2	3.2	3.3	3.6	3.8	3.8	3.8	
157.5	3.8	4.2	4.2	4.4	4.4	4.4	5.1	4.6	
180.0	7.8	7.8	8.2	12.6	13.1	13.5	13.5	13.3	
202.5	13.1	13.1	12.8	12.6	12.4	12.3	11.4	10.5	
225.0	9.7	9.3	9.1	8.9	8.2	8.0	7.8	7.4	
247.5	7.2	6.7	6.7	6.5	6.5	6.5	6.5	6.5	
270.0	6.5	6.5	6.5	6.5	6.5	6.7	6.7	6.7	
292.5	6.7	6.7	6.5	6.5	6.5	6.5	6.7	6.7	
315.0	6.5	6.7	6.5	6.5	6.5	6.3	6.3	6.1	
337.5	6.1	6.1	6.3	6.3	6.5	6.3	6.3	5.9	

DEPTH:	2402	TILT:	0	RANGE:	26.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.2	11.0	11.0	11.0	11.2	11.2	11.0	10.7	
22.5	10.7	11.0	11.2	11.0	11.0	11.0	11.0	11.0	
45.0	11.2	11.4	11.2	11.2	11.4	11.2	11.6	11.6	
67.5	12.1	13.5	13.5	13.7	13.9	13.9	14.1	14.6	
90.0	15.1	15.6	15.6	15.8	16.0	16.4	16.9	17.3	
112.5	17.7	18.3	18.7	19.0	19.2	19.8	20.3	20.3	
135.0	20.6	21.3	23.4	24.2	24.7	25.9	26.5	27.0	
157.5	27.2	27.4	27.0	26.5	25.9	25.8	25.5	25.5	
180.0	25.5	25.5	25.5	25.8	25.8	25.5	25.5	25.8	
202.5	25.8	25.5	25.3	25.5	25.3	25.5	25.5	24.9	
225.0	24.2	24.0	23.8	23.4	23.1	23.1	22.8	22.1	
247.5	21.7	21.5	21.1	20.8	20.4	20.3	20.3	20.1	
270.0	19.8	19.6	19.4	19.2	18.3	17.3	16.9	16.4	
292.5	15.8	14.8	14.4	13.9	13.7	13.5	13.3	13.0	
315.0	12.8	12.6	12.4	12.3	11.8	11.6	11.4	11.2	
337.5	11.2	11.2	11.2	11.2	11.2	11.0	11.0	11.0	

DEPTH:	2408	TILT:	0	RANGE:	24.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.0	11.0	11.0	11.0	10.8	10.8	11.0	11.2	
22.5	11.0	11.0	11.0	11.2	11.2	11.2	11.2	11.4	
45.0	11.6	11.6	11.4	11.6	11.8	11.8	12.2	12.2	
67.5	12.2	12.2	12.7	12.9	13.1	13.3	13.5	13.7	
90.0	14.1	14.3	14.5	15.2	15.8	16.4	16.8	16.8	
112.5	16.8	17.0	17.3	17.7	18.3	18.5	18.7	19.1	
135.0	19.7	20.3	21.1	22.4	24.0	24.5	24.9	25.1	
157.5	25.1	26.1	25.7	24.9	25.3	25.3	24.9	24.7	
180.0	24.9	25.1	24.9	25.3	24.7	24.7	24.3	24.3	
202.5	24.7	25.1	24.9	25.1	24.9	24.9	25.1	24.5	
225.0	24.3	24.5	24.3	24.0	23.8	23.2	23.2	23.0	
247.5	22.8	22.2	21.7	21.3	21.1	20.7	20.7	20.7	
270.0	20.3	18.9	18.5	18.3	18.3	18.1	17.5	17.0	
292.5	16.4	15.8	15.2	14.7	14.5	13.9	13.7	13.3	
315.0	13.1	12.9	12.4	12.4	12.0	12.0	12.0	12.0	
337.5	11.8	11.6	11.4	11.6	11.4	11.4	11.2	11.0	

DEPTH:	2412	TILT:	0	RANGE:	21.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	10.4	10.6	10.6	10.4	10.1	10.4	10.6	10.7	
22.5	10.6	10.7	11.0	10.7	10.7	10.7	10.7	11.0	
45.0	11.0	11.2	11.4	11.2	11.2	11.2	11.2	11.2	
67.5	11.0	11.0	11.2	11.0	10.7	10.7	11.2	11.2	
90.0	11.6	12.0	12.4	12.6	12.9	13.3	13.3	13.7	
112.5	13.9	14.2	14.5	14.8	15.0	15.2	15.4	15.6	
135.0	16.4	16.9	17.0	17.7	18.1	19.4	20.2	20.7	
157.5	21.1	21.5	21.7	22.1	22.4	22.4	22.4	22.4	
180.0	22.6	22.4	22.4	22.4	22.1	21.7	21.3	20.8	
202.5	20.8	21.1	21.1	21.3	21.1	21.3	21.1	21.3	
225.0	21.5	21.7	21.5	21.5	20.8	20.2	19.4	18.3	
247.5	18.1	17.7	17.7	17.0	16.9	16.7	16.1	15.8	
270.0	15.4	15.0	14.3	14.2	13.5	13.7	13.3	13.1	
292.5	12.9	13.1	13.1	12.9	12.3	12.4	12.3	12.3	
315.0	12.0	11.8	11.2	11.0	10.7	11.0	10.7	10.6	
337.5	10.6	10.7	10.6	10.6	10.6	10.6	10.6	10.6	

DEPTH:	2416	TILT:	0	RANGE:	18.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	5.9	5.9	6.1	6.1	6.1	5.9	6.1	6.1	
22.5	5.9	6.1	5.7	6.1	6.1	6.1	6.1	6.1	
45.0	6.4	6.1	6.4	6.4	6.4	6.1	6.4	6.5	
67.5	6.7	6.7	7.0	7.1	7.1	7.4	7.6	7.6	
90.0	7.6	7.8	8.2	8.6	8.6	8.8	9.5	9.5	
112.5	9.9	10.1	10.3	10.5	10.8	11.4	12.0	12.3	
135.0	13.1	13.9	13.9	14.1	15.2	16.2	17.1	17.7	
157.5	18.1	18.8	19.4	19.0	18.8	19.0	19.0	19.2	
180.0	19.4	19.4	19.2	19.0	18.8	19.0	19.2	19.4	
202.5	19.4	19.4	19.0	18.5	18.3	18.1	17.7	17.5	
225.0	17.1	16.8	16.7	16.7	16.2	16.1	15.8	15.4	
247.5	15.2	15.2	14.6	14.3	13.3	12.6	12.4	12.3	
270.0	11.6	11.4	11.2	10.9	10.5	10.1	9.3	8.8	
292.5	9.1	8.0	8.2	7.8	7.6	7.1	7.1	7.1	
315.0	7.1	7.0	6.7	6.7	6.7	6.4	6.4	6.4	
337.5	6.1	5.9	6.1	5.9	5.9	5.9	6.1	5.7	

DEPTH:	2428	TILT:	0	RANGE:	29.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	12.7	12.7	12.4	12.4	12.2	12.4	12.4	12.4	
22.5	12.4	12.4	12.4	12.2	12.2	12.4	12.4	12.4	
45.0	12.4	12.7	12.7	12.9	13.0	13.3	13.3	13.5	
67.5	13.7	13.7	13.9	14.2	14.3	14.5	14.8	15.0	
90.0	15.1	15.6	16.0	16.2	16.6	17.1	17.2	18.3	
112.5	19.2	19.4	19.8	19.8	20.1	20.4	20.7	21.0	
135.0	21.3	21.9	22.4	22.8	23.1	23.9	24.0	24.5	
157.5	25.5	26.6	27.8	28.7	29.9	30.1	30.5	30.4	
180.0	30.4	30.4	30.4	30.5	30.5	30.8	30.8	30.8	
202.5	30.8	30.5	30.4	29.5	29.5	29.3	28.3	27.8	
225.0	27.8	27.4	26.9	26.9	26.8	26.3	26.1	26.0	
247.5	25.7	25.1	24.9	24.5	23.6	22.8	22.4	22.1	
270.0	21.9	21.5	20.4	20.2	20.1	19.6	18.9	18.7	
292.5	18.6	18.0	17.7	17.2	17.1	16.6	16.5	16.2	
315.0	15.7	15.6	15.4	15.0	14.8	14.5	14.3	14.2	
337.5	13.9	13.5	13.3	13.3	13.0	12.9	12.9	12.9	

DEPTH:	2432	TILT:	0	RANGE:	26.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.5	9.7	9.7	9.7	9.7	9.9	9.7	9.7	
22.5	9.7	9.7	9.9	9.9	9.7	9.9	10.1	10.4	
45.0	10.4	10.4	10.6	10.9	11.1	11.1	11.1	11.1	
67.5	11.4	11.8	12.0	12.7	12.8	13.0	13.5	13.9	
90.0	14.4	14.8	15.1	15.4	15.6	16.3	16.8	17.0	
112.5	17.3	17.5	17.7	17.9	18.1	18.4	18.6	18.7	
135.0	19.4	20.0	20.3	20.5	20.7	21.5	21.9	22.2	
157.5	22.4	23.2	24.3	25.1	25.3	25.7	26.9	27.2	
180.0	27.4	27.6	27.8	27.8	27.4	27.4	27.6	27.8	
202.5	27.6	27.4	27.4	27.4	27.6	27.8	27.6	27.2	
225.0	26.9	26.6	26.4	25.7	25.7	25.5	25.3	25.1	
247.5	24.1	23.2	22.7	21.7	20.7	20.3	20.0	19.4	
270.0	18.9	18.7	17.9	17.5	16.7	16.5	16.5	16.7	
292.5	16.8	16.3	15.6	14.9	14.4	13.9	13.2	12.7	
315.0	11.6	11.4	11.6	11.1	10.9	10.6	10.1	10.4	
337.5	10.1	9.9	10.4	10.4	9.9	9.7	9.7	9.7	

DEPTH:	2438	TILT:	0	RANGE:	26.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.9	9.7	9.7	9.7	10.2	9.7	9.7	9.7	
22.5	9.9	9.9	9.9	9.7	9.7	9.7	9.9	9.9	
45.0	10.2	10.2	10.2	10.3	10.5	10.5	10.7	11.2	
67.5	11.4	11.2	11.8	11.4	11.6	11.8	12.2	12.9	
90.0	13.5	14.1	14.4	14.6	14.8	15.1	15.4	15.6	
112.5	16.1	16.3	16.4	16.6	17.7	18.0	18.1	18.3	
135.0	18.5	18.8	18.8	19.0	19.8	20.0	20.5	20.7	
157.5	20.9	21.3	21.7	22.4	23.4	23.9	24.9	26.1	
180.0	26.6	27.2	27.6	27.8	28.3	28.3	28.0	27.8	
202.5	27.6	27.4	27.2	27.2	27.4	27.4	27.2	27.0	
225.0	27.0	25.8	25.5	25.1	24.9	24.6	23.9	23.2	
247.5	22.7	22.6	21.9	21.3	21.0	20.7	20.2	19.8	
270.0	19.6	19.4	19.2	18.1	18.0	17.5	15.8	15.4	
292.5	14.9	14.6	12.9	12.7	12.4	12.2	12.0	11.6	
315.0	11.4	11.2	11.2	11.4	11.4	11.6	11.6	11.4	
337.5	11.0	10.7	10.3	10.2	9.9	9.9	10.2	10.5	

DEPTH:	2452	TILT:	0	RANGE:	36.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.4	10.9	10.9	10.8	10.5	10.3	10.3	9.7	
22.5	10.2	9.9	9.9	9.9	9.9	9.9	9.9	9.9	
45.0	9.7	9.7	9.9	9.9	9.9	10.5	11.2	11.5	
67.5	12.3	12.6	13.0	13.4	13.5	14.1	14.6	15.2	
90.0	15.6	16.1	16.4	17.1	17.3	17.4	17.9	18.1	
112.5	18.4	18.5	18.5	18.4	18.1	18.4	18.5	18.8	
135.0	19.0	19.4	19.9	21.5	21.7	23.4	23.8	24.0	
157.5	24.3	33.7	33.7	34.0	34.7	35.4	36.3	36.4	
180.0	37.2	37.3	37.5	37.9	37.9	37.8	37.5	36.7	
202.5	35.7	34.6	33.5	33.1	32.5	32.3	32.0	32.0	
225.0	32.0	31.6	31.3	30.5	30.3	30.3	29.6	27.8	
247.5	27.5	27.0	26.1	24.7	24.0	23.8	23.2	22.6	
270.0	21.5	21.2	20.2	20.0	19.6	19.0	18.4	17.8	
292.5	17.8	17.4	17.3	17.1	17.1	17.1	16.4	16.2	
315.0	15.8	12.9	13.0	12.9	12.9	13.0	12.6	12.4	
337.5	12.6	12.4	12.6	12.4	12.6	12.6	12.0	12.0	

DEPTH:	2456	TILT:	0	RANGE:	37.7	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	10.7	11.0	10.5	10.7	10.5	10.2	10.4	9.9	
22.5	9.9	9.9	10.2	10.2	10.2	10.4	10.4	10.2	
45.0	10.2	9.7	5.9	5.9	6.1	5.9	5.9	5.9	
67.5	6.1	6.5	6.4	6.4	6.1	6.5	7.2	7.6	
90.0	7.8	7.8	8.0	8.4	8.9	9.2	9.9	10.2	
112.5	10.4	11.3	21.7	22.1	22.6	22.8	23.4	24.2	
135.0	24.8	26.9	27.2	27.9	28.2	28.5	29.3	29.9	
157.5	30.1	31.2	32.0	33.4	35.8	36.6	38.4	38.4	
180.0	38.5	38.9	39.2	39.2	39.7	39.8	39.7	39.3	
202.5	39.3	39.0	38.4	37.1	36.6	36.0	35.4	35.0	
225.0	34.7	34.4	33.8	33.1	32.7	32.2	29.8	24.1	
247.5	22.8	22.6	22.0	21.5	21.3	21.0	20.7	19.8	
270.0	19.6	19.1	19.1	19.4	19.4	19.0	18.8	17.8	
292.5	17.5	17.4	17.0	16.9	16.4	16.4	16.4	15.5	
315.0	14.2	14.2	14.2	14.2	13.9	13.2	12.4	11.8	
337.5	11.6	11.3	11.3	11.1	11.3	11.3	11.0	11.0	

DEPTH:	2460	TILT:	0	RANGE:	25.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	10.0	10.4	10.7	10.7	10.9	10.7	10.6	10.6	
22.5	10.7	10.6	10.9	10.9	11.3	11.6	12.0	12.2	
45.0	12.4	12.8	13.7	13.9	13.5	13.7	13.9	13.9	
67.5	13.9	14.1	14.3	14.6	14.8	14.8	14.8	14.6	
90.0	14.3	14.1	14.1	13.7	13.3	13.1	12.8	12.6	
112.5	12.4	12.2	11.8	11.8	12.0	11.3	9.7	8.9	
135.0	8.2	7.0	5.0	5.0	5.2	4.8	4.8	5.0	
157.5	5.0	4.8	4.8	4.8	4.8	5.0	5.0	4.8	
180.0	4.8	5.0	5.2	5.0	5.2	5.2	5.2	5.2	
202.5	5.2	5.2	5.5	5.5	5.5	5.5	5.5	26.8	
225.0	25.7	25.5	24.6	23.9	23.2	22.4	21.9	21.7	
247.5	20.2	19.4	18.9	18.7	18.7	18.7	18.1	17.9	
270.0	17.5	16.9	16.1	15.6	14.8	14.3	14.1	13.9	
292.5	13.7	13.9	13.9	13.5	13.3	13.1	12.8	12.6	
315.0	11.8	11.6	11.3	10.9	10.9	11.3	11.1	10.7	
337.5	11.1	10.9	10.2	10.2	10.4	10.4	10.2	10.0	

DEPTH:	2462	TILT:	0	RANGE:	13.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	7.0	7.2	7.6	8.0	8.0	8.6	8.6	8.9	
22.5	9.1	4.2	4.2	4.0	4.0	3.8	3.8	3.6	
45.0	3.6	3.4	3.2	3.2	3.0	2.7	2.7	2.5	
67.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.3	
90.0	2.1	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
112.5	1.9	2.1	2.3	2.5	3.0	3.6	3.8	3.6	
135.0	3.6	3.8	3.8	3.8	3.8	3.6	4.0	4.0	
157.5	3.8	4.0	4.0	4.2	4.5	4.6	4.8	5.3	
180.0	5.3	5.3	5.3	5.3	5.3	5.5	5.5	5.7	
202.5	5.9	6.3	6.5	6.7	7.2	9.1	13.9	13.5	
225.0	13.1	13.1	12.9	12.4	12.0	11.6	11.4	10.7	
247.5	10.7	11.0	10.5	10.4	10.1	9.9	9.7	9.5	
270.0	9.3	8.9	8.4	8.0	7.8	7.6	7.4	7.4	
292.5	7.4	7.4	7.4	7.2	7.0	6.7	6.7	6.7	
315.0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.5	
337.5	6.5	6.5	7.0	7.2	7.0	7.2	7.6	7.2	

DEPTH:	2463	TILT:	0	RANGE:	8.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	5.5	5.7	5.9	5.9	5.7	5.5	4.9	4.4	
22.5	4.0	3.8	3.6	3.2	2.9	2.9	2.9	2.8	
45.0	2.5	2.5	2.3	2.3	2.1	2.1	1.9	1.9	
67.5	1.7	1.5	1.5	1.3	1.3	1.1	0.8	0.8	
90.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
112.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
135.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
157.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
180.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
202.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
225.0	0.8	0.8	0.8	0.8	0.8	1.1	1.3	1.5	
247.5	1.7	1.9	2.1	2.9	9.1	8.8	8.7	8.4	
270.0	8.2	8.2	8.0	8.0	8.0	7.8	7.6	7.2	
292.5	7.0	6.5	6.3	6.1	5.9	5.9	6.1	6.3	
315.0	6.5	6.5	6.3	6.1	5.9	5.9	6.1	6.3	
337.5	6.5	6.5	6.5	6.3	6.1	5.5	5.5	5.5	

DEPTH:	2464	TILT:	0	RANGE:	50.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
22.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
45.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
67.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
90.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
112.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
135.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
157.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
180.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
202.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
225.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
247.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
270.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
292.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
315.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
337.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	

DEPTH:	2494	TILT:	0	RANGE:	75.0	VOS:	6039		
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:	2495	TILT:	0	RANGE:	50.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	19.5	19.5	19.5	18.7	18.7	18.9	19.3	19.3	
22.5	19.3	19.3	19.3	18.9	19.3	19.5	20.0	20.2	
45.0	20.6	20.8	21.2	21.5	22.1	22.5	22.7	23.4	
67.5	23.8	24.4	24.6	25.1	25.3	25.7	25.9	26.3	
90.0	26.6	27.2	28.7	29.3	30.0	30.4	31.0	31.7	
112.5	32.3	32.9	33.8	35.1	35.7	37.4	38.0	38.7	
135.0	39.5	40.2	41.4	42.9	43.3	44.0	44.2	44.6	
157.5	46.1	46.7	47.2	47.4	47.8	48.4	48.7	49.7	
180.0	49.9	52.3	52.5	52.9	52.9	52.9	52.9	52.9	
202.5	52.9	53.1	53.1	52.9	52.9	52.9	52.9	52.3	
225.0	51.8	51.0	50.4	49.1	47.2	46.7	46.1	45.3	
247.5	44.8	44.2	43.6	42.9	41.6	40.2	38.7	38.0	
270.0	37.4	37.0	36.8	36.1	35.7	34.4	33.8	33.1	
292.5	32.5	31.9	31.7	31.2	30.0	28.0	27.4	26.6	
315.0	25.7	24.6	24.6	24.0	23.8	22.7	21.9	21.2	
337.5	20.6	20.6	20.0	19.5	19.5	20.0	20.0	20.0	

DEPTH:	2500	TILT:	0	RANGE:	50.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	18.1	18.1	17.6	18.1	18.1	18.1	17.6	17.6	
22.5	18.1	17.6	17.6	17.6	18.1	18.7	19.3	19.3	
45.0	19.3	19.5	20.2	20.0	20.2	20.2	20.2	20.6	
67.5	20.6	20.8	21.2	21.5	22.1	22.7	22.7	23.8	
90.0	24.4	25.3	26.3	27.4	28.7	29.3	30.0	30.6	
112.5	31.0	31.9	33.1	34.2	35.1	35.7	36.8	38.0	
135.0	38.9	40.6	40.6	41.0	41.4	41.6	42.9	44.0	
157.5	44.8	46.5	47.2	47.4	47.8	48.7	49.1	49.7	
180.0	49.9	50.4	50.6	51.2	51.8	52.3	53.1	53.1	
202.5	53.1	53.1	53.1	53.1	52.9	52.5	52.5	51.8	
225.0	51.6	51.0	49.7	45.3	44.8	44.6	42.9	42.7	
247.5	42.1	41.4	41.0	40.6	39.9	39.5	39.3	38.2	
270.0	37.6	36.3	35.1	32.5	32.5	32.3	31.2	31.2	
292.5	30.6	30.0	29.3	28.5	28.5	27.4	27.0	26.6	
315.0	25.9	24.6	24.4	24.0	23.8	23.2	22.1	21.5	
337.5	20.8	20.0	18.9	18.3	18.3	18.3	18.1	17.6	

DEPTH:	2504	TILT:	0	RANGE:	51.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	16.1	15.9	15.9	15.5	15.9	15.9	16.1	16.4	
22.5	16.1	16.1	16.4	16.8	16.8	16.8	17.0	16.8	
45.0	16.8	16.8	17.0	17.0	17.0	17.6	17.6	18.7	
67.5	18.7	18.7	18.9	18.7	18.9	19.4	20.0	20.7	
90.0	21.3	21.7	22.2	23.0	24.7	26.2	30.1	31.8	
112.5	32.9	33.6	33.8	34.4	35.1	35.5	36.1	36.8	
135.0	37.9	38.5	39.6	41.1	41.5	41.5	42.6	43.9	
157.5	45.0	45.8	46.3	46.9	48.0	49.7	51.2	51.8	
180.0	52.3	52.5	52.9	52.9	53.1	53.1	52.9	52.9	
202.5	53.1	53.4	53.8	53.1	52.9	53.1	52.5	51.0	
225.0	49.9	48.6	43.9	43.2	43.0	41.7	41.1	40.2	
247.5	38.5	38.3	38.3	38.3	37.9	37.0	35.7	32.9	
270.0	32.9	32.3	31.4	30.8	29.5	29.0	29.0	29.0	
292.5	29.7	29.0	29.5	29.0	28.2	25.4	24.7	24.3	
315.0	23.5	22.2	20.9	20.0	20.0	18.7	18.1	17.4	
337.5	16.8	16.4	16.4	16.1	16.4	15.9	15.5	15.9	

DEPTH:	2508	TILT:	0	RANGE:	51.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	13.6	14.0	13.6	13.3	13.3	12.9	14.0	12.9	
22.5	13.3	12.9	12.7	12.3	12.7	12.7	12.0	12.3	
45.0	12.3	11.6	12.3	13.6	14.2	14.6	14.6	14.6	
67.5	15.3	15.3	15.3	15.5	15.5	15.5	16.8	17.6	
90.0	18.7	20.0	20.0	20.7	20.9	21.3	21.3	21.3	
112.5	21.5	21.5	22.2	23.0	27.5	33.1	34.2	36.4	
135.0	38.5	39.6	42.2	42.6	43.9	44.5	45.0	45.6	
157.5	45.8	45.8	45.6	45.2	46.3	46.5	46.9	47.5	
180.0	47.8	48.6	50.6	51.2	52.5	52.5	52.5	52.5	
202.5	52.5	53.1	53.4	53.8	53.8	53.4	53.1	52.9	
225.0	52.5	49.1	48.0	46.5	43.9	43.7	41.1	40.9	
247.5	37.9	37.9	37.9	37.9	38.3	38.5	37.6	36.8	
270.0	34.9	33.6	30.8	29.5	29.0	28.8	27.8	25.4	
292.5	25.0	24.7	24.1	23.7	22.4	21.7	21.5	21.3	
315.0	20.2	20.2	20.0	18.9	18.9	18.3	18.3	18.1	
337.5	16.8	15.9	15.9	14.0	13.6	14.0	13.3	13.3	

DEPTH:	2512	TILT:	0	RANGE:	60.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	15.1	15.1	15.1	15.1	14.8	15.1	14.8	12.0	
22.5	11.5	11.5	11.8	11.0	10.7	10.2	10.2	10.5	
45.0	10.5	9.7	9.5	9.2	8.9	8.9	8.9	9.2	
67.5	9.5	9.7	10.2	9.7	10.5	10.5	10.5	10.5	
90.0	10.7	11.0	11.5	12.0	13.3	13.3	19.7	19.7	
112.5	19.7	19.7	19.4	32.5	31.9	31.9	32.5	33.0	
135.0	34.2	35.5	36.0	36.3	54.4	54.9	55.4	56.2	
157.5	56.7	57.5	58.0	58.8	59.5	61.1	61.3	62.6	
180.0	62.9	63.4	63.6	63.6	63.9	63.9	63.9	63.6	
202.5	63.6	63.4	62.9	62.9	61.6	61.1	59.5	50.8	
225.0	50.6	49.3	48.8	46.3	45.7	44.2	44.0	42.7	
247.5	42.4	40.9	39.9	38.3	38.3	38.8	38.8	38.1	
270.0	35.0	33.5	31.9	30.2	27.6	27.1	25.0	24.0	
292.5	23.0	21.5	21.0	19.9	18.7	18.1	17.1	16.4	
315.0	15.8	15.1	14.8	14.8	15.1	15.1	15.6	15.8	
337.5	15.8	15.6	15.6	15.6	15.6	14.8	14.6	14.8	

DEPTH:	2516	TILT:	0	RANGE:	58.5	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	12.6	12.3	11.3	10.9	10.9	10.1	9.4	9.4	
22.5	9.4	9.1	9.1	9.4	9.4	9.9	9.9	9.9	
45.0	9.9	9.9	9.9	10.1	9.4	9.9	9.9	9.9	
67.5	9.9	10.1	10.4	10.9	11.1	11.1	11.1	10.9	
90.0	10.1	9.9	9.9	10.1	10.4	10.9	18.3	19.0	
112.5	19.0	19.0	19.0	19.0	39.0	39.0	39.0	40.7	
135.0	41.4	50.1	50.1	50.1	50.6	52.5	52.8	53.0	
157.5	54.5	55.3	55.3	57.2	58.0	59.2	59.7	60.2	
180.0	60.4	60.9	61.4	61.7	61.7	61.7	61.7	61.4	
202.5	60.9	60.7	60.4	60.4	60.7	60.9	60.9	60.9	
225.0	60.7	60.4	60.4	60.4	59.2	59.0	58.2	57.5	
247.5	57.0	39.2	39.0	37.2	36.0	27.9	26.9	25.9	
270.0	25.4	24.9	24.4	24.4	24.4	23.9	23.7	22.7	
292.5	22.2	21.7	19.0	18.0	17.8	17.0	16.0	15.5	
315.0	15.3	15.3	15.3	15.5	15.5	15.5	15.3	14.6	
337.5	14.6	14.6	14.6	14.3	13.8	13.6	13.3	12.6	

DEPTH:	2520	TILT:	0	RANGE:	64.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	20.3	20.6	20.9	20.3	20.3	20.3	20.0	19.5	
22.5	20.0	20.0	20.3	20.6	20.9	21.1	21.1	21.4	
45.0	21.9	22.5	22.7	22.7	24.1	24.1	24.4	24.1	
67.5	24.6	24.9	25.2	24.9	24.9	25.2	25.2	25.2	
90.0	26.0	26.0	26.8	27.6	27.9	27.9	32.5	32.8	
112.5	34.4	35.5	37.4	37.4	37.4	37.6	37.4	38.2	
135.0	39.3	40.1	41.4	41.7	56.9	58.5	58.5	58.8	
157.5	60.1	61.5	62.8	64.5	65.5	67.2	67.4	67.7	
180.0	67.4	67.4	67.4	67.4	67.4	67.4	67.2	66.6	
202.5	66.6	66.3	66.1	65.8	65.5	62.6	58.5	58.0	
225.0	57.1	56.9	58.2	58.0	58.0	57.7	56.9	55.2	
247.5	50.6	50.9	50.9	50.9	50.4	49.6	48.5	46.3	
270.0	44.4	39.8	39.3	39.0	37.6	36.3	34.7	33.9	
292.5	33.3	32.8	32.0	30.9	30.1	27.1	26.8	26.8	
315.0	26.5	26.3	25.7	25.2	24.6	24.6	24.1	22.7	
337.5	21.9	21.9	22.5	21.4	21.1	20.9	20.9	20.6	

DEPTH:	2524	TILT:	0	RANGE:	64.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	19.9	19.7	19.7	19.4	19.7	19.9	19.9	19.9	
22.5	19.9	19.9	20.2	21.3	21.6	21.6	21.6	22.1	
45.0	22.1	22.4	23.0	23.0	23.5	24.6	24.6	25.4	
67.5	25.4	26.0	26.5	27.6	27.9	28.1	29.0	30.3	
90.0	30.6	31.4	33.9	34.7	36.1	36.9	38.0	38.5	
112.5	39.4	41.8	43.4	44.5	46.7	47.5	50.0	50.8	
135.0	51.9	53.6	53.8	54.9	57.7	58.8	59.6	60.9	
157.5	62.3	63.9	64.8	65.6	66.7	67.8	67.8	68.0	
180.0	68.0	68.3	68.0	68.0	68.0	68.0	68.0	68.0	
202.5	67.5	67.5	66.1	66.4	64.8	63.9	63.9	63.1	
225.0	62.3	61.5	60.7	58.8	58.5	58.2	57.9	57.7	
247.5	56.3	54.9	53.8	51.9	50.3	46.7	45.6	45.6	
270.0	44.5	44.0	39.9	38.3	36.3	34.2	34.2	33.9	
292.5	33.3	32.8	32.8	32.0	31.4	30.6	29.8	28.7	
315.0	26.8	26.0	25.7	25.7	24.9	24.0	23.0	22.4	
337.5	21.9	21.9	21.3	20.5	20.2	20.2	20.2	20.2	

DEPTH:	2528	TILT:	0	RANGE:	65.1	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	20.6	20.6	20.6	20.3	20.6	20.3	20.3	20.3	
22.5	20.3	20.0	20.3	20.0	20.3	20.3	20.6	21.1	
45.0	21.7	21.7	22.2	22.5	23.1	23.3	23.6	24.7	
67.5	25.3	25.3	25.8	26.9	27.2	29.4	29.7	29.9	
90.0	31.3	31.6	33.2	34.9	36.0	37.1	37.9	39.3	
112.5	40.4	42.0	43.7	45.6	47.2	48.6	49.4	50.8	
135.0	52.4	53.8	54.6	56.6	57.7	58.5	59.0	61.2	
157.5	62.9	64.0	64.8	66.4	66.4	67.0	67.3	67.8	
180.0	67.8	68.4	68.4	68.4	68.6	68.6	68.6	68.4	
202.5	68.4	67.3	66.4	66.2	65.4	64.5	63.2	61.0	
225.0	60.7	58.8	58.5	58.2	57.7	56.6	54.1	53.5	
247.5	53.5	52.4	51.3	49.2	48.3	47.8	45.3	44.2	
270.0	42.8	41.7	41.2	39.0	37.9	37.1	36.0	35.4	
292.5	35.4	33.5	33.0	31.9	31.3	29.9	28.6	26.4	
315.0	25.5	25.5	25.3	25.0	23.6	23.3	23.3	22.5	
337.5	22.5	21.4	21.4	21.1	21.4	20.9	20.6	20.6	

DEPTH:	2532	TILT:	0	RANGE:	65.7	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	20.8	19.9	20.2	19.9	20.2	20.2	20.5	20.5	
22.5	20.2	20.2	20.5	20.5	21.1	21.6	22.4	22.7	
45.0	23.0	23.8	24.1	24.9	26.3	26.3	26.3	27.4	
67.5	29.1	29.1	29.4	30.5	31.3	32.7	33.0	34.9	
90.0	34.9	34.9	35.5	35.5	35.2	35.7	36.6	36.6	
112.5	39.3	40.4	45.4	46.3	47.1	48.2	49.0	50.4	
135.0	53.2	54.0	55.7	57.3	58.5	59.6	60.1	61.8	
157.5	64.3	65.1	67.0	67.3	67.3	67.9	67.9	68.7	
180.0	69.0	69.0	69.0	69.0	68.7	68.7	69.0	69.3	
202.5	67.0	66.2	66.2	66.2	65.7	65.7	64.6	63.4	
225.0	61.8	61.2	60.1	59.6	58.7	57.3	56.2	55.7	
247.5	53.7	52.9	52.6	51.0	49.0	47.4	46.3	43.8	
270.0	43.2	42.7	40.4	38.2	37.4	35.7	35.2	33.5	
292.5	32.1	30.8	29.9	29.6	29.1	27.1	26.3	26.0	
315.0	25.5	24.9	24.7	24.4	24.4	23.0	22.7	22.4	
337.5	21.9	21.1	20.8	20.8	20.5	20.8	20.2	20.2	

DEPTH:	2536	TILT:	0	RANGE:	65.1	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	20.3	20.6	20.3	20.3	20.0	20.0	20.0	20.0	
22.5	20.0	20.0	20.3	20.0	20.6	20.6	20.9	21.4	
45.0	22.2	23.1	23.6	24.4	24.7	25.5	25.8	27.2	
67.5	27.7	28.6	29.1	29.7	31.0	31.9	33.2	33.8	
90.0	34.6	34.6	35.7	36.8	37.9	39.3	40.1	41.7	
112.5	42.8	43.9	44.2	45.9	47.2	48.3	49.4	50.2	
135.0	52.2	52.4	54.1	54.9	56.6	57.7	58.8	59.9	
157.5	62.1	62.3	63.7	64.3	65.4	66.2	67.3	67.3	
180.0	67.8	68.4	68.6	68.6	68.6	68.6	68.6	68.6	
202.5	68.6	68.4	68.1	67.8	67.3	67.3	67.0	66.4	
225.0	65.1	64.5	64.0	63.2	62.3	61.0	60.1	58.8	
247.5	56.8	55.5	54.1	52.7	50.8	48.3	48.1	47.5	
270.0	43.4	41.5	38.7	38.7	37.9	37.1	36.0	35.1	
292.5	34.0	32.7	31.3	29.7	28.8	28.6	27.7	26.9	
315.0	26.6	26.4	25.5	25.0	24.7	24.2	23.1	23.1	
337.5	22.2	21.4	21.1	20.9	20.9	20.9	20.6	20.6	

DEPTH:	2540	TILT:	0	RANGE:	65.1	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	20.6	20.9	20.9	20.9	20.6	20.9	21.1	21.1	
22.5	20.9	20.6	20.6	20.9	21.4	21.4	21.7	22.5	
45.0	22.8	23.1	23.6	24.4	24.7	24.7	25.3	25.5	
67.5	26.4	27.2	28.6	29.1	30.5	31.0	31.9	33.0	
90.0	33.5	34.6	35.4	36.8	37.1	37.9	39.0	40.1	
112.5	41.5	42.3	43.7	45.9	45.9	47.2	47.8	49.4	
135.0	50.5	52.2	53.8	54.9	56.6	57.9	59.6	60.7	
157.5	61.2	63.2	64.3	65.1	65.9	66.7	67.0	67.8	
180.0	68.1	68.4	68.4	68.4	68.4	68.4	68.6	68.6	
202.5	68.1	68.1	67.8	67.8	67.0	67.0	65.4	64.8	
225.0	63.7	62.6	61.2	60.1	58.8	57.7	56.8	55.5	
247.5	54.1	53.3	52.2	50.5	47.2	47.5	46.4	45.0	
270.0	42.8	41.2	40.1	39.3	38.2	36.8	35.4	35.1	
292.5	34.0	34.0	33.0	31.0	29.9	28.6	27.2	25.8	
315.0	25.3	25.0	24.7	24.2	23.3	22.8	22.8	22.2	
337.5	22.2	21.7	21.4	21.4	21.4	21.4	21.1	20.9	

DEPTH:	2544	TILT:	0	RANGE:	65.3	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	21.2	20.7	20.1	19.9	19.9	20.1	19.9	20.1	
22.5	20.1	20.1	20.1	20.1	20.7	21.5	21.8	21.8	
45.0	21.8	22.9	23.7	23.4	23.4	24.3	24.3	25.1	
67.5	25.6	26.2	26.2	26.5	27.0	27.3	28.1	29.5	
90.0	31.7	32.5	33.9	34.7	36.7	38.9	39.2	40.5	
112.5	41.6	42.7	44.4	45.2	46.0	47.1	48.5	49.6	
135.0	51.0	52.9	55.1	56.0	57.9	58.5	61.5	62.0	
157.5	62.6	63.7	65.1	65.9	65.3	66.2	66.7	67.3	
180.0	68.4	68.9	68.9	68.7	68.9	68.9	68.4	68.4	
202.5	67.6	67.3	67.3	66.4	65.9	64.8	63.1	62.6	
225.0	61.5	60.4	59.6	59.3	58.5	57.9	56.8	56.0	
247.5	53.8	53.2	51.6	49.9	48.8	47.4	45.5	44.7	
270.0	43.6	42.5	40.5	39.2	36.9	36.1	35.0	34.5	
292.5	33.1	32.3	31.4	30.3	29.2	28.1	26.2	26.2	
315.0	25.6	25.1	25.1	24.5	23.2	22.3	22.1	21.8	
337.5	21.8	21.5	21.5	21.5	21.2	20.7	21.2	21.2	

DEPTH:	2548	TILT:	0	RANGE:	65.3	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	19.0	19.0	19.0	19.6	19.3	19.0	19.6	19.0	
22.5	19.0	19.0	19.6	19.6	19.6	19.9	20.1	20.7	
45.0	21.2	21.5	21.8	21.8	22.1	22.3	23.4	24.0	
67.5	24.5	25.1	25.4	25.4	26.5	28.1	28.7	29.8	
90.0	30.3	32.5	32.8	33.9	35.8	36.1	36.9	38.3	
112.5	39.2	40.8	42.7	44.7	45.8	47.1	50.7	51.3	
135.0	52.1	54.6	54.6	55.4	56.5	57.9	59.6	60.1	
157.5	62.3	63.1	64.0	64.5	65.1	65.1	65.3	66.4	
180.0	67.3	68.4	68.4	68.7	68.9	68.9	68.9	68.7	
202.5	68.1	68.1	67.3	66.4	65.3	65.9	64.8	64.0	
225.0	61.8	61.5	60.9	59.8	58.7	58.2	57.3	56.2	
247.5	55.4	53.2	51.6	50.7	48.8	47.1	46.6	44.7	
270.0	43.8	42.2	40.8	40.0	38.6	36.9	35.0	33.9	
292.5	32.5	31.7	29.5	28.7	28.4	27.8	27.3	25.9	
315.0	25.1	24.3	24.0	24.0	23.7	23.2	22.3	21.8	
337.5	21.2	21.2	20.7	20.7	20.1	19.9	19.6	19.3	

DEPTH:	2552	TILT:	0	RANGE:	65.7	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	19.7	19.7	19.7	19.7	19.9	19.7	19.7	19.9	
22.5	19.9	19.9	19.9	20.5	20.5	21.6	21.6	21.1	
45.0	21.9	21.9	22.4	23.0	24.1	24.1	24.7	25.2	
67.5	26.3	26.3	26.9	26.9	27.4	28.8	29.4	29.9	
90.0	31.6	33.8	34.1	36.3	36.6	38.0	40.4	40.4	
112.5	42.4	43.2	43.8	44.0	46.8	49.0	49.6	52.1	
135.0	53.2	55.4	56.0	57.6	58.5	60.7	60.7	60.9	
157.5	61.2	63.2	63.4	65.1	65.7	67.3	68.4	68.4	
180.0	69.0	69.0	69.0	69.0	69.3	69.3	68.7	68.4	
202.5	67.6	67.6	67.6	67.3	67.0	66.5	65.7	64.8	
225.0	62.9	62.1	59.8	58.5	57.6	56.2	55.1	54.3	
247.5	53.7	52.6	51.0	50.4	47.7	46.8	44.6	42.7	
270.0	41.6	39.9	38.2	37.7	36.3	36.0	35.2	34.1	
292.5	33.2	32.7	31.0	29.4	28.5	28.3	27.4	26.6	
315.0	25.5	24.7	24.1	23.8	23.8	23.0	21.9	21.6	
337.5	21.1	20.8	21.1	21.1	20.5	19.9	19.9	19.9	

DEPTH:	2556	TILT:	0	RANGE:	65.1	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	20.3	19.5	19.5	20.0	20.0	20.0	20.0	20.3	
22.5	20.0	20.3	20.3	20.3	21.1	20.9	21.4	21.7	
45.0	22.2	22.2	22.2	22.5	22.5	23.1	23.3	23.6	
67.5	24.2	24.4	24.7	26.6	27.5	27.7	28.8	29.9	
90.0	31.0	31.3	31.9	32.1	33.8	35.1	36.0	37.3	
112.5	38.7	40.1	41.5	43.1	45.6	47.2	48.3	50.5	
135.0	51.6	52.7	54.9	55.5	56.0	56.3	56.8	58.8	
157.5	59.0	59.9	61.2	61.8	64.0	65.1	66.7	67.0	
180.0	67.8	67.8	68.1	68.4	68.4	68.1	68.6	68.4	
202.5	68.4	68.1	68.1	67.8	67.0	66.2	66.2	65.4	
225.0	64.5	62.9	62.6	60.1	57.9	56.6	55.5	53.8	
247.5	51.6	50.5	49.4	47.5	47.2	45.9	43.9	43.1	
270.0	42.0	41.2	40.1	39.0	37.6	37.3	36.2	35.1	
292.5	33.2	32.1	31.0	29.7	28.8	28.3	27.5	26.4	
315.0	26.4	25.3	25.3	24.7	24.4	23.6	22.8	22.2	
337.5	21.1	21.4	21.1	21.1	20.9	20.9	20.3	20.3	

DEPTH:	2560	TILT:	0	RANGE:	61.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	19.5	19.3	19.3	19.3	19.3	19.3	19.5	19.3	
22.5	19.0	19.3	19.5	19.3	19.8	19.5	19.5	19.8	
45.0	20.3	20.6	20.6	21.6	22.2	22.7	23.2	23.5	
67.5	23.5	24.0	25.5	26.3	26.8	27.1	28.1	28.7	
90.0	30.0	31.3	32.8	33.6	34.4	35.2	35.4	36.5	
112.5	37.5	40.1	42.0	44.3	44.6	46.9	47.7	49.3	
135.0	49.8	52.4	53.7	55.0	56.0	56.8	58.6	59.2	
157.5	60.5	60.7	61.8	63.1	63.6	63.9	64.1	64.9	
180.0	64.9	64.9	64.9	64.9	64.6	64.6	64.6	65.2	
202.5	65.2	65.2	65.2	64.9	64.6	63.6	62.5	61.8	
225.0	60.7	59.7	59.4	58.1	56.8	56.0	54.7	53.7	
247.5	52.4	51.9	50.8	50.0	47.7	46.4	44.8	43.5	
270.0	42.0	41.4	40.4	38.6	36.0	35.2	34.7	33.6	
292.5	32.6	31.0	29.2	27.9	27.9	27.1	26.6	26.1	
315.0	25.3	24.8	24.8	23.7	23.2	21.9	21.9	21.6	
337.5	21.6	21.6	21.6	21.1	20.6	19.8	19.8	19.8	

DEPTH:	2564	TILT:	0	RANGE:	58.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	17.6	17.6	17.6	17.4	17.4	17.4	17.1	17.1	
22.5	17.1	17.1	17.1	17.4	17.6	17.6	18.1	17.6	
45.0	18.4	19.1	19.1	19.1	19.6	19.8	20.6	21.6	
67.5	22.6	23.1	24.1	24.1	25.0	26.0	26.5	27.8	
90.0	28.5	29.5	30.0	31.0	32.0	33.2	33.0	33.5	
112.5	34.7	36.5	37.7	38.2	40.2	40.9	42.4	42.9	
135.0	45.1	46.4	47.4	49.1	50.1	50.6	51.8	53.8	
157.5	54.8	55.3	56.3	56.5	57.8	58.8	59.3	60.5	
180.0	61.0	62.0	62.0	62.0	61.7	62.0	61.7	62.0	
202.5	61.7	61.7	61.0	60.0	58.8	58.3	56.5	56.3	
225.0	55.5	54.3	53.8	53.6	53.6	52.6	51.8	50.1	
247.5	48.6	49.1	47.1	46.1	44.9	44.4	42.7	41.2	
270.0	39.4	38.2	36.9	35.5	34.7	33.5	32.5	31.0	
292.5	29.8	29.5	28.3	27.5	26.8	26.5	26.0	25.0	
315.0	23.8	23.1	22.1	21.1	20.8	20.6	20.3	20.3	
337.5	19.8	19.3	19.1	18.4	18.1	18.1	18.1	18.1	

DEPTH:	2568	TILT:	0	RANGE:	58.2	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	13.0	13.3	13.3	13.0	13.0	12.8	13.0	13.0	
22.5	12.8	12.8	13.0	13.3	13.3	13.3	13.5	13.5	
45.0	13.5	14.0	14.0	14.5	15.2	15.5	15.7	15.7	
67.5	16.5	17.2	17.9	18.7	19.4	20.1	21.1	21.6	
90.0	23.8	24.3	25.3	25.5	26.3	27.0	27.5	29.7	
112.5	31.4	31.9	34.1	35.1	35.8	37.1	38.8	40.3	
135.0	42.5	43.9	45.7	47.9	48.6	50.6	51.3	52.5	
157.5	53.0	54.0	56.0	56.2	56.7	56.7	57.2	58.4	
180.0	60.4	60.6	61.4	60.6	60.6	60.4	60.2	59.7	
202.5	59.7	59.7	59.7	59.7	59.4	59.2	58.9	59.2	
225.0	58.4	57.5	56.2	55.0	52.3	50.1	48.4	46.9	
247.5	45.7	44.2	42.5	40.8	39.8	36.6	35.8	34.1	
270.0	33.6	32.9	30.9	29.7	28.5	27.0	25.5	25.0	
292.5	24.3	24.1	21.9	20.9	20.1	18.9	18.7	17.9	
315.0	17.4	17.2	16.5	15.5	15.2	14.5	15.0	14.2	
337.5	14.0	14.0	13.5	13.5	13.5	13.0	13.3	13.0	

DEPTH:	2572	TILT:	0	RANGE:	57.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	10.3	9.9	9.4	9.4	9.4	9.1	8.9	9.1	
22.5	9.1	9.1	9.1	9.1	9.9	9.9	9.4	9.9	
45.0	9.4	9.4	10.1	10.1	10.8	10.8	11.1	11.3	
67.5	11.8	12.3	13.2	14.2	14.7	15.4	16.1	17.3	
90.0	19.0	20.2	21.2	21.9	23.1	23.8	25.0	26.2	
112.5	28.1	29.3	31.0	32.9	33.9	35.1	36.1	37.3	
135.0	38.2	39.9	42.1	44.0	46.4	47.4	48.8	51.2	
157.5	52.2	53.4	55.1	55.8	56.3	56.5	57.9	58.4	
180.0	58.4	59.4	59.9	60.1	60.1	59.9	59.4	59.9	
202.5	59.9	59.4	59.1	58.9	59.4	58.9	56.3	54.8	
225.0	54.3	52.9	51.9	50.2	49.3	48.1	46.4	46.4	
247.5	44.2	42.3	41.1	39.4	38.2	36.3	35.1	33.9	
270.0	32.7	31.3	30.3	28.9	26.9	25.7	24.0	20.9	
292.5	20.7	18.8	16.1	16.3	15.1	14.7	14.7	13.7	
315.0	13.0	13.7	13.2	12.7	12.7	12.3	12.3	12.0	
337.5	12.0	12.0	12.0	11.8	11.3	10.8	10.1	10.1	

DEPTH:	2575	TILT:	0	RANGE:	56.1	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.5	9.5	9.5	8.8	8.8	9.5	8.5	8.5	
22.5	8.8	9.2	8.8	8.8	8.8	8.5	9.5	8.8	
45.0	8.8	8.8	9.2	9.5	9.7	10.6	11.1	11.1	
67.5	11.6	12.5	12.5	13.5	14.9	15.9	16.3	17.0	
90.0	17.7	18.5	18.9	20.4	20.8	22.2	24.1	25.6	
112.5	26.3	26.5	28.4	30.1	31.2	31.9	34.6	36.0	
135.0	37.9	39.8	44.3	45.4	47.1	48.8	50.4	52.3	
157.5	53.7	53.7	54.4	55.4	56.1	56.3	56.6	57.3	
180.0	58.9	59.2	59.2	59.2	59.2	59.2	58.9	59.2	
202.5	59.2	58.9	58.5	58.2	56.3	55.1	54.7	54.4	
225.0	53.7	52.3	50.4	49.2	48.0	46.4	44.0	43.3	
247.5	40.5	39.8	37.6	36.4	35.0	33.1	31.9	30.8	
270.0	29.3	27.0	25.3	23.7	22.5	21.8	19.9	18.9	
292.5	17.5	17.5	16.8	15.9	15.4	14.2	14.0	12.3	
315.0	12.1	11.4	11.6	11.6	11.4	11.1	11.1	10.4	
337.5	10.6	10.2	10.4	10.4	10.4	10.4	10.2	9.7	

DEPTH:	2578	TILT:	0	RANGE:	55.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	8.4	8.0	8.0	8.0	8.0	8.0	8.0	7.5	
22.5	7.5	8.0	8.0	8.4	8.4	8.4	8.0	8.0	
45.0	8.4	8.4	8.4	8.4	8.9	8.9	9.4	9.6	
67.5	9.6	10.6	10.6	11.0	11.0	11.5	12.7	13.8	
90.0	14.8	15.2	16.0	16.9	18.5	19.9	20.6	21.6	
112.5	22.3	23.7	26.5	30.3	32.1	32.8	33.8	34.5	
135.0	37.1	38.7	39.6	41.3	41.8	42.2	44.3	46.0	
157.5	47.6	51.1	51.4	51.8	52.3	54.0	55.4	56.1	
180.0	57.5	57.7	58.2	58.6	58.6	58.2	58.6	58.6	
202.5	58.2	57.7	56.5	55.6	55.4	54.4	54.0	54.0	
225.0	54.4	54.0	52.3	51.4	49.3	46.9	44.8	43.4	
247.5	42.7	40.8	39.2	37.5	35.0	33.3	31.7	29.6	
270.0	27.9	26.0	25.3	24.4	23.2	21.6	20.6	19.5	
292.5	17.8	16.0	15.2	14.8	13.8	13.6	13.1	12.2	
315.0	11.5	10.6	10.1	9.6	9.4	8.9	8.9	8.9	
337.5	8.9	8.9	8.9	8.4	8.4	8.4	8.4	8.4	

DEPTH:	2580	TILT:	0	RANGE:	56.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	8.5	8.5	8.0	8.0	8.0	8.0	8.0	8.0	
22.5	7.6	7.6	7.6	7.6	7.6	7.6	8.0	8.0	
45.0	8.5	8.5	8.5	8.5	8.7	8.7	8.7	8.7	
67.5	9.7	10.2	10.6	10.6	11.3	11.8	12.3	12.3	
90.0	12.8	13.0	13.9	14.6	16.1	16.8	18.9	19.8	
112.5	22.0	24.1	26.2	28.6	30.7	32.1	33.8	35.0	
135.0	36.6	37.6	39.7	40.4	41.8	43.0	46.1	47.3	
157.5	48.4	51.0	52.2	54.8	55.3	56.5	56.9	57.4	
180.0	57.9	58.1	58.6	59.1	58.6	58.6	58.1	58.1	
202.5	57.9	56.9	56.0	55.8	55.3	53.9	53.2	52.7	
225.0	53.2	52.2	51.0	48.4	46.8	46.1	43.9	42.5	
247.5	41.8	39.2	37.1	36.4	35.9	33.8	32.1	30.0	
270.0	26.9	25.3	24.6	24.1	22.4	18.9	18.2	16.8	
292.5	16.5	14.6	13.9	13.0	12.8	12.3	10.6	10.2	
315.0	10.2	9.7	9.2	8.7	8.7	8.7	8.5	8.5	
337.5	8.7	8.5	8.5	8.5	8.5	8.5	8.5	8.7	

DEPTH:	2584	TILT:	0	RANGE:	56.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	5.9	5.4	5.0	5.0	5.0	6.4	5.4	5.4	
22.5	6.4	5.9	5.9	5.9	5.9	5.9	5.9	5.9	
45.0	5.9	6.4	6.4	6.9	7.1	7.6	8.5	8.7	
67.5	9.2	9.7	9.7	9.7	9.7	10.2	10.6	10.9	
90.0	11.3	12.3	12.8	13.0	13.5	13.5	13.9	16.5	
112.5	18.7	21.0	22.7	26.2	29.1	30.7	32.8	35.0	
135.0	35.4	40.2	44.2	48.9	49.9	49.9	49.9	51.0	
157.5	52.0	52.0	52.0	51.5	52.0	53.2	55.8	56.5	
180.0	58.1	58.6	59.1	59.1	58.1	58.6	58.6	57.4	
202.5	56.9	56.0	55.8	55.8	54.8	52.7	51.0	49.9	
225.0	48.4	46.8	45.1	45.1	44.7	44.2	43.9	43.0	
247.5	42.5	42.3	40.2	38.0	35.9	33.3	31.7	28.4	
270.0	26.2	24.1	20.3	20.3	18.9	16.8	13.0	12.3	
292.5	9.7	9.2	8.7	8.0	8.0	8.5	7.6	7.6	
315.0	7.1	6.9	6.4	5.9	5.9	5.9	5.4	5.4	
337.5	5.9	5.9	5.9	5.9	6.4	6.4	6.4	6.4	

DEPTH:	2588	TILT:	0	RANGE:	64.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	12.7	12.7	12.7	12.7	11.9	12.1	12.7	12.1	
22.5	12.1	12.7	12.7	13.0	13.5	14.0	14.3	14.8	
45.0	15.1	15.1	15.9	17.0	17.0	17.0	17.8	18.1	
67.5	18.9	19.7	20.2	21.0	22.4	24.0	24.6	25.4	
90.0	26.4	27.0	28.3	29.1	30.0	31.3	32.4	33.2	
112.5	35.1	35.4	36.7	39.1	41.8	44.3	45.1	45.9	
135.0	47.2	48.0	50.2	49.4	51.0	51.8	51.0	51.8	
157.5	59.4	60.5	60.7	61.5	62.3	63.1	63.1	63.7	
180.0	64.5	65.8	66.1	66.7	66.7	66.7	67.2	66.7	
202.5	66.1	66.1	66.7	67.5	66.7	64.5	62.1	57.8	
225.0	56.9	54.8	53.4	52.6	51.8	49.4	45.6	44.0	
247.5	42.6	41.8	41.0	40.5	39.9	39.1	39.1	37.5	
270.0	35.9	33.2	30.5	29.1	27.5	26.4	22.7	21.9	
292.5	21.9	18.1	17.8	17.8	16.5	15.9	14.0	12.7	
315.0	12.7	12.7	12.7	12.7	12.7	13.0	13.0	12.7	
337.5	12.7	12.7	12.7	12.7	13.0	13.0	12.7	12.7	

DEPTH:	2592	TILT:	0	RANGE:	65.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	14.4	14.7	14.7	15.2	15.2	15.2	15.2	15.2	
22.5	14.7	14.7	15.2	16.0	15.5	16.0	16.3	17.4	
45.0	17.7	18.3	19.1	18.3	18.3	19.4	20.7	20.7	
67.5	21.9	22.4	22.7	22.7	23.5	25.2	25.2	26.6	
90.0	27.4	27.9	29.0	30.4	30.7	32.4	34.6	36.2	
112.5	38.5	39.3	41.2	43.4	45.9	46.8	45.6	46.5	
135.0	47.6	49.8	50.6	53.7	57.8	58.9	60.9	62.0	
157.5	62.0	62.5	62.8	63.4	62.8	63.6	63.6	65.3	
180.0	66.7	67.0	67.5	67.0	67.0	68.3	69.2	69.2	
202.5	68.3	67.8	67.0	67.0	65.8	64.2	62.5	60.3	
225.0	58.9	56.2	56.4	55.6	53.1	50.9	46.8	46.5	
247.5	45.6	44.8	43.2	43.2	41.8	42.6	40.9	40.9	
270.0	41.2	39.3	37.6	36.8	36.0	35.1	32.9	31.3	
292.5	29.6	27.4	25.2	23.5	22.4	21.6	19.4	19.1	
315.0	17.7	17.4	16.3	16.3	15.5	15.2	14.7	15.5	
337.5	15.2	15.2	14.4	14.4	14.4	14.4	14.4	14.4	

DEPTH:	2596	TILT:	0	RANGE:	66.8	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	13.8	14.7	14.7	14.7	14.7	14.7	14.7	15.2	
22.5	15.5	16.9	16.9	16.9	16.9	17.8	18.6	18.0	
45.0	18.0	18.0	18.9	19.7	20.6	21.1	21.4	22.3	
67.5	23.1	23.7	23.9	24.5	24.5	25.4	26.2	26.5	
90.0	27.9	29.6	30.4	30.7	31.3	32.1	35.5	38.9	
112.5	40.0	41.4	42.5	44.8	46.8	48.5	50.2	53.5	
135.0	56.9	58.3	60.3	60.9	61.7	62.0	62.0	61.7	
157.5	61.1	61.7	61.7	62.6	63.7	64.5	65.1	65.4	
180.0	67.6	67.6	67.9	68.5	69.3	69.6	69.6	69.9	
202.5	70.4	69.9	68.7	67.1	63.7	60.9	59.5	58.3	
225.0	57.5	56.6	56.6	54.1	52.4	51.8	47.6	46.8	
247.5	46.8	45.1	44.2	43.1	42.5	42.5	42.5	41.7	
270.0	40.6	38.0	35.8	34.1	33.2	32.4	30.7	29.9	
292.5	27.3	26.2	24.5	23.7	21.4	20.6	19.4	18.9	
315.0	18.9	18.6	18.0	17.2	16.3	15.5	15.2	14.7	
337.5	14.7	14.4	14.4	14.7	14.4	14.4	14.4	13.8	

DEPTH:	2600	TILT:	0	RANGE:	66.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	14.8	15.1	14.8	15.7	15.1	14.8	14.8	15.1	
22.5	15.1	14.8	16.0	15.7	16.0	16.0	16.0	16.0	
45.0	17.4	18.2	18.5	18.5	19.3	19.9	20.7	22.4	
67.5	23.5	24.4	25.8	26.6	28.3	28.6	28.6	29.1	
90.0	29.4	29.1	30.2	31.6	31.9	31.9	31.9	31.9	
112.5	32.5	32.8	33.3	33.6	35.6	38.4	42.3	44.8	
135.0	46.8	51.0	52.7	53.2	54.1	54.9	55.7	56.0	
157.5	57.4	58.3	58.5	60.8	61.6	61.9	62.5	63.3	
180.0	64.1	65.8	66.9	67.8	68.6	69.2	69.7	70.0	
202.5	69.2	68.3	64.4	63.3	63.6	62.7	62.5	63.6	
225.0	63.6	61.6	59.9	57.4	55.7	54.9	52.7	51.8	
247.5	50.1	48.5	45.9	45.1	44.8	44.8	44.0	44.0	
270.0	42.6	40.6	38.9	37.5	35.0	33.3	31.6	30.8	
292.5	29.1	27.4	26.0	24.9	24.4	24.1	23.2	21.6	
315.0	21.6	21.0	20.7	19.9	19.0	17.4	16.8	16.5	
337.5	15.7	15.7	15.7	15.7	15.7	15.1	14.8	14.3	

DEPTH:	2604	TILT:	0	RANGE:	54.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.2	9.2	8.9	8.9	9.2	9.2	9.2	9.2	
22.5	9.6	9.6	9.6	9.6	9.6	10.1	10.6	11.0	
45.0	11.5	11.7	11.7	12.6	13.5	14.0	14.7	15.6	
67.5	16.1	17.0	17.2	18.1	18.6	19.0	20.7	23.6	
90.0	24.6	24.8	25.2	25.7	25.7	25.2	25.2	25.7	
112.5	26.2	26.6	27.1	27.3	27.8	28.2	28.7	29.8	
135.0	30.3	33.3	36.7	40.2	43.8	45.7	48.4	51.4	
157.5	51.9	52.8	53.5	53.9	54.4	55.3	55.3	55.8	
180.0	56.0	56.5	56.9	57.4	57.4	56.5	56.0	55.8	
202.5	55.8	56.0	56.9	57.4	56.0	55.3	54.8	54.4	
225.0	53.5	53.2	52.8	52.3	49.8	49.3	48.4	45.7	
247.5	45.2	44.3	43.8	43.4	40.2	38.3	36.3	35.3	
270.0	34.7	31.7	30.8	27.8	21.6	21.1	19.7	19.0	
292.5	18.6	17.0	16.1	15.6	14.7	14.0	13.5	13.1	
315.0	12.6	12.2	12.2	11.0	11.5	11.0	10.6	10.6	
337.5	10.6	10.1	10.1	10.1	9.6	9.6	9.6	9.2	

DEPTH:	2608	TILT:	0	RANGE:	54.4	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	8.0	8.0	8.0	8.0	8.0	8.0	8.5	7.6	
22.5	7.1	7.1	7.1	6.7	7.1	7.1	7.1	7.6	
45.0	7.6	8.5	8.5	9.2	9.2	9.6	9.6	9.6	
67.5	9.6	9.6	9.6	11.0	11.5	11.7	12.2	13.1	
90.0	14.0	14.2	14.7	15.6	16.1	16.1	16.5	16.5	
112.5	17.2	19.0	20.7	22.0	27.3	28.7	29.6	30.8	
135.0	32.6	34.2	37.9	39.7	40.4	43.4	44.7	45.7	
157.5	47.7	49.3	50.9	51.9	53.5	54.4	56.5	57.4	
180.0	57.4	57.4	57.4	56.9	56.5	55.8	54.8	54.4	
202.5	53.9	54.4	54.8	54.8	54.8	53.9	53.2	52.3	
225.0	50.9	50.3	48.9	48.4	47.7	47.3	46.8	47.3	
247.5	47.7	47.3	45.7	44.7	41.8	32.6	32.1	31.2	
270.0	30.3	23.6	22.0	21.1	20.7	19.5	18.6	18.1	
292.5	17.7	17.2	17.0	16.5	15.6	15.1	14.7	14.2	
315.0	14.0	13.5	13.1	12.6	11.7	11.5	11.5	10.1	
337.5	9.6	9.2	8.5	8.0	7.6	7.6	7.6	8.0	

DEPTH:	2610	TILT:	0	RANGE:	10.0	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	4.7	5.1	5.1	5.1	5.5	5.5	5.5	5.1	
22.5	5.1	5.1	5.5	5.5	5.1	5.1	4.7	4.7	
45.0	4.7	4.7	5.1	4.7	4.7	4.2	4.2	4.7	
67.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	
90.0	4.2	4.2	4.7	4.7	4.7	4.7	4.7	4.7	
112.5	4.7	4.7	4.7	5.1	5.1	5.5	5.5	5.9	
135.0	6.3	6.8	6.8	7.2	7.2	8.0	7.6	8.0	
157.5	8.0	8.0	8.5	8.9	9.7	10.5	10.5	9.7	
180.0	9.3	8.5	7.6	6.3	4.2	5.1	4.7	4.7	
202.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	
225.0	5.1	5.1	4.7	4.7	4.7	4.7	4.7	4.7	
247.5	4.7	5.1	5.1	5.1	5.1	5.1	5.1	4.7	
270.0	4.7	4.7	5.1	5.1	5.1	4.7	4.2	4.2	
292.5	4.2	4.2	4.2	4.2	4.2	4.2	4.7	4.7	
315.0	4.7	5.1	5.1	5.1	5.1	5.1	4.7	4.7	
337.5	5.1	5.1	5.1	5.1	5.1	5.1	5.1	4.7	

DEPTH:	2612	TILT:	0	RANGE:	7.6	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	4.7	4.7	4.7	4.7	4.7	4.2	4.2	4.2	
22.5	4.2	4.7	4.7	5.1	5.1	5.1	4.7	4.7	
45.0	4.7	4.2	4.2	4.2	4.2	4.2	4.2	4.2	
67.5	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	
90.0	4.2	4.2	4.2	4.2	4.2	4.2	4.7	4.7	
112.5	5.1	5.1	5.1	5.1	5.5	5.5	5.9	5.9	
135.0	5.9	6.3	6.7	6.7	7.6	7.6	7.6	7.6	
157.5	7.6	7.6	8.0	8.0	8.0	8.0	8.0	7.6	
180.0	7.6	7.2	6.3	5.9	5.5	5.5	5.5	5.5	
202.5	5.5	5.5	5.5	5.1	5.1	5.1	4.7	4.7	
225.0	4.7	4.7	4.2	4.2	4.2	3.8	3.8	3.8	
247.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	
270.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	
292.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	
315.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	4.2	
337.5	4.7	4.7	5.1	5.1	5.1	5.1	5.1	4.7	

Chavez, Carl J, EMNRD

From: Chavez, Carl J, EMNRD
Sent: Thursday, April 7, 2022 1:03 PM
To: Flessner, Samuel J.
Cc: Brorman, Jeff A.; O'Brien, Jessica L.; Chakrabarti, Miranda L.; Tomlinson, Jim A.; Goetze, Phillip, EMNRD
Subject: RE: [EXTERNAL] Marathon Jal Cavern #3, #4 - MIT Procedure

Okay. Thanks for the confirmation.

Carl J. Chavez • UIC Group

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From: Flessner, Samuel J. <sjflessner@marathonpetroleum.com>
Sent: Thursday, April 7, 2022 11:59 AM
To: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>
Cc: Brorman, Jeff A. <JBrorman@marathonpetroleum.com>; O'Brien, Jessica L. <JOBrien@Marathonpetroleum.com>; Chakrabarti, Miranda L. <MLChakrabarti@marathonpetroleum.com>; Tomlinson, Jim A. <jatomlinson@marathonpetroleum.com>; Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>
Subject: RE: [EXTERNAL] Marathon Jal Cavern #3, #4 - MIT Procedure

Carl – Yes, you are correct in your understanding that the ability to bleed pressure is for emergency purposes only and bleeding pressure is not anticipated during the test. Additionally we do acknowledge that bleeding pressure during the MIT would null and void the test. Please let us know if you have any other questions.

Thanks,
Sam

From: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>
Sent: Thursday, April 07, 2022 11:19 AM
To: Flessner, Samuel J. <sjflessner@marathonpetroleum.com>
Cc: Brorman, Jeff A. <JBrorman@marathonpetroleum.com>; O'Brien, Jessica L. <JOBrien@Marathonpetroleum.com>; Chakrabarti, Miranda L. <MLChakrabarti@marathonpetroleum.com>; Tomlinson, Jim A. <jatomlinson@marathonpetroleum.com>; Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>
Subject: RE: [EXTERNAL] Marathon Jal Cavern #3, #4 - MIT Procedure

Sam, et al.,

Good morning!

OCD is looking over the recent MIT Sundry submittals with attachments. Could you please respond to the question below with OCD observations and respond.

OCD MIT question:

- 1) BW MIT Well Preparation: 1) Wellhead should be isolated from all surface piping during the test. This may include blind flanges, skilnet flanges, and 2" test flanges.
 - a. Wellhead should maintain the ability to bleed excess brine pressure during the test.

When OCD observed this procedure, it was perceived to be an emergency condition and that the operator would not be bleeding off pressure during a 4-Hr. MIT period. **Is this correct?** The intent during the MIT is to close off the cavern system during the MIT period to detect decreases and/or increases in cavern pressures during the MIT. If the operator is bleeding off increasing pressure(s) during the test, this action defeats the purpose of the MIT.

Consequently, any bleed-off during the MIT would null and void the test.

Thank you.

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 5200 Oakland Avenue, N.E. Suite 100 | Albuquerque, NM 87113
 505.660.7923
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From: Flessner, Samuel J. <sjflessner@marathonpetroleum.com>
Sent: Monday, April 4, 2022 1:52 PM
To: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>
Cc: Brorman, Jeff A. <JBrorman@marathonpetroleum.com>; O'Brien, Jessica L. <JOBrien@Marathonpetroleum.com>; Chakrabarti, Miranda L. <MLChakrabarti@marathonpetroleum.com>; Tomlinson, Jim A. <jatomlinson@marathonpetroleum.com>
Subject: RE: [EXTERNAL] Marathon Jal Cavern #3, #4 - Compliance Extension

Carl – I have submitted C-103X forms and Brine MIT Procedures for Jal Caverns #3 and #4. Action IDs are listed below.

Cavern #3 (30-025-35956): 93556
 Cavern #4 (30-025-35957): 95730

Please let me know if you have any questions upon review.

Thanks,
 Sam

From: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>
Sent: Thursday, March 24, 2022 8:33 AM
To: Tomlinson, Jim A. <jatomlinson@marathonpetroleum.com>; Flessner, Samuel J.

<sjflessner@marathonpetroleum.com>

Subject: RE: [EXTERNAL] Marathon Jal Cavern #3, #4 - Compliance Extension

Sam and Jim:

Good morning!

Please test at 380 psi.

Thank you.

Carl J. Chavez • UIC Group

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From: Tomlinson, Jim A. <jatominson@marathonpetroleum.com>

Sent: Thursday, March 24, 2022 6:47 AM

To: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>; Flessner, Samuel J. <sjflessner@marathonpetroleum.com>

Subject: RE: [EXTERNAL] Marathon Jal Cavern #3, #4 - Compliance Extension

Hi Carl. Thanks for the quick reply. Looking at the attachment you sent I've put together the table below which proposes a 298-381 psi surface pressure range. I've calculated this using the UIC Class III well guidance in the document and adjusted for maintaining between a 0.7 and 0.75 psi/ft gradient and incorporating the higher density of saturated brine relative to freshwater. Please let us know your thoughts and if you'd like to discuss. Happy to jump on a call if you'd like. Thanks.

Test Gradient	0.7	0.75	psi/ft
Fluid in Casing	Brine	Brine	
Fluid in Casing Pressure Gradient	0.52	0.52	psi/ft
DCTS (Depth to Casing Shoe)	1655	1655	ft
H (Height of Fluid in Casing)	1655	1655	ft
FPIC (Fluid Pressure in Casing)	861	861	psi
MBHIP (Max Bottom Hole Injection Pressure)	1159	1241	psi
MSIP (Max Surface Injection Pressure)	298	381	psi

From: [Chavez, Carl J. EMNRD](#)
To: [Flessner, Samuel J.](#); [O'Brien, Jessica](#)
Cc: [Goetze, Phillip, EMNRD](#); [Rose-Coss, Dylan H, EMNRD](#); [Thompson, Joseph, EMNRD](#)
Bcc: [Kautz, Paul, EMNRD](#); [Martinez, Patricia L, EMNRD](#); [Robinson, Gary, EMNRD](#); [Fortner, Kerry, EMNRD](#)
Subject: RE: [EXTERNAL] Marathon Jal Cavern #3, #4 - Compliance Extension
Date: Friday, March 4, 2022 2:25:00 PM
Attachments: [UIC Class III Cavern MIT Guidance 10-12-16CJC..pdf](#)
[OCD MIT Pass-Fail Criteria Electronic Calc.pdf](#)
[image002.png](#)

Sam and Jessica,

The New Mexico Oil Conservation Division (OCD) has completed its review of the original request of 2/14/22 (see msg. below) for a well maintenance and MIT compliance date extension through December 2022 for LPG Storage Wells 3 and 4. Western indicated, "it was reaching out regarding the potential for a compliance date extension and/or temporary cavern closure. Please note, the caverns are currently being emptied – no additional LPG is being added."

For clarification, OCD's understanding of "caverns being emptied" means the caverns are filled with fluids to remove or empty the cavern of LPG, and this presents an ideal condition to run an OCD "Cavern MIT" (4-Hr.) as opposed to a "nitrogen-brine interface" MIT when the cavern is not filled with liquid and nitrogen gas is introduced at formation temperature to pressure up the cavern quicker to allow for stabilization prior to running an MIT. OCD just wants to make sure the cavern liquid fluids (not gas fluids) are at least semi-full for cavern stability as opposed to empty presenting stability issues.

OCD hereby **approves** the extension to complete the "PSV" well maintenance, etc., and Cavern MITs on the above subject caverns on or before Midnight MST on 12/31/22 with the following conditions:

1. Follow the attached "Cavern MIT" Guidelines;
2. Achieve a minimum start cavern pressure (surface tubing pressure) of 500 psig (closed static system);
3. Post-test, submit within 15-calendar days, the original chart pdf doc. with test info., signatures of witnesses, start-stop pressures, relative percent differential pressure calc., chart recorder serial no. with clock speed setting w max. 12 hr. chart, and spring weight. Based on the start pressure of 500 psig, a max. spring weight of 500 lbs. is required; and
4. Via E-Permitting, submit the sundries for the cavern maintenance and MITs for the above subject wells within 30-calendar days of today's date and provide "Action ID#s" for OCD to process them.

Please contact me if you have questions or feel additional communication is necessary.

Thank you.

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5200 Oakland Avenue, N.E. Suite 100 | Albuquerque, NM 87113
505.660.7923
www.emnrd.nm.gov



From: Flessner, Samuel J. <sjflessner@marathonpetroleum.com>
Sent: Friday, February 25, 2022 10:07 AM
To: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>
Subject: RE: [EXTERNAL] Marathon Jal Cavern #3, #4 - Compliance Extension

Carl – There was an abnormal relief event at the facility (September 2021) which spurred a PSV study. In order to complete maintenance activities at Cavern #3 and Cavern #4, product needs to be transferred to Cavern #2 prior to flaring. However, some of the PSV study findings need to be implemented in order to safely transfer product at the facility. We are in the process of evaluating how this can be done and what scope needs to be completed prior to LPG transfer. There is a chance we can will can finalize this scope and implement with enough time to complete cavern maintenance; however, schedule is unclear at the moment. I have a meeting today to discuss further with operations and local engineers.

I have attached historic (2017) MIT testing results for Cavern #3 and #4.

Thanks,
Sam

From: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>
Sent: Thursday, February 24, 2022 9:11 AM
To: Flessner, Samuel J. <sjflessner@marathonpetroleum.com>
Subject: RE: [EXTERNAL] Marathon Jal Cavern #3, #4 - Compliance Extension

Sam,

Good morning!

Regarding your request of 2/14 below, could you please provide clarification on the “extenuating circumstances” as the general rule for extensions states “for good cause shown” and the condition of the above subject wells supported by historical testing.

Thank you.

Carl J. Chavez • UIC Group
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5200 Oakland Avenue, N.E. Suite 100 | Albuquerque, NM 87113
505.660.7923
www.emnrd.nm.gov



From: Flessner, Samuel J. <sjflessner@marathonpetroleum.com>

Sent: Monday, February 14, 2022 6:11 PM

To: Chavez, Carl J, EMNRD <CarlJ.Chavez@state.nm.us>

Cc: Rose-Coss, Dylan H, EMNRD <DylanH.Rose-Coss@state.nm.us>; Goetze, Phillip, EMNRD <Phillip.Goetze@state.nm.us>

Subject: [EXTERNAL] Marathon Jal Cavern #3, #4 - Compliance Extension

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Hi Carl – We spoke last week about Marathon Jal Cavern #3 and #4. Due to extenuating circumstances, I don't believe we will be able to perform mechanical integrity tests (MITs) at these caverns before their mid-May compliance dates. I am reaching out regarding the potential for a compliance date extension and/or temporary cavern closure. Please note, the caverns are currently being emptied – no additional LPG is being added.

Although I don't have a definitive schedule, I think it's likely that Marathon management will provide approval to complete maintenance activities on these caverns by the end of the year. Would you be willing to grant a compliance date extension through December 2022 if Marathon guarantees that no additional LPG will be added before an MIT is complete? This would provide Marathon time to further evaluate facility operations and to complete other safety-sensitive project work. If for some reason, Marathon management has not approved MIT completion by the end of the year, I will notify you and we can discuss path forward.

Please let me know if you are amenable to this plan and/or if you would like me to set up a meeting to discuss with a broader group at the OCD.

Thanks,
Sam



Sam Flessner
Project Engineer II
L3S West - Terminal Engineering
Marathon Petroleum Logistics Services LLC
803 N 300 W, Salt Lake City, UT 84103
C: (419) 348-4269
sjflessner@marathonpetroleum.com



**Marathon
Petroleum Company LP**

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

COMMENTS

Action 95730

COMMENTS

Operator: WESTERN REFINING COMPANY, L.P. 15 Smith Road Midland, TX 79705	OGRID: 248440
	Action Number: 95730
	Action Type: [C-103] NOI General Sundry (C-103X)

COMMENTS

Created By	Comment	Comment Date
cchavez	LPG Storage Well #4 "Cavern MIT" 2022	4/7/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 95730

CONDITIONS

Operator: WESTERN REFINING COMPANY, L.P. 15 Smith Road Midland, TX 79705	OGRID: 248440
	Action Number: 95730
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
cchavez	Cavern system shall be closed, liquid temperature stabilized and under static conditions throughout MIT test period.	4/7/2022