

Submit 1 Copy To Appropriate District

Office
 District I – (575) 393-6161
 1625 N. French Dr., Hobbs, NM 88240
 District II – (575) 748-1283
 811 S. First St., Artesia, NM 88210
 District III – (505) 334-6178
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV – (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM
 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised July 18, 2013

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

WELL API NO. 30-025-35954	
5. Indicate Type of Lease STATE ☒ FEE ☐	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name State LPG Storage Well	
8. Well Number #001	
9. OGRID Number 248440	
10. Pool name or Wildcat Salado	
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.) 1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☐ LPG Storage ☐ 2. Name of Operator Western Refining Company, LP 3. Address of Operator 19100 Ridgewood Parkway, San Antonio, TX 78259 4. Well Location Unit Letter <u>M</u> : <u>450</u> feet from the <u>South</u> line and <u>780</u> feet from the <u>North</u> line Section <u>32</u> Township <u>23S</u> Range <u>37E</u> NMPM <u>Lea</u> County 11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	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 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

This notice is being submitted per discussion during meeting on September 16, 2021 between representatives of Marathon Petroleum Corporation and New Mexico Oil Conservation Division.

Purpose: Pressure Test (with Brine) as a verification of cavern integrity of LPG Storage Well #1

Date Work to be complete: To be scheduled upon NM OCD approval

Basis for Request: Marathon proposes the attached MIT procedure to test and confirm integrity of Well No. 1 and place it in monitoring status for 1 year.

Spud Date: Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jessica O'Brien TITLE Environmental Supervisor DATE November 15, 2021

Type or print name Jessica O'Brien E-mail address: jobrien@marathonpetroleum.com PHONE: (210) 626-7774

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

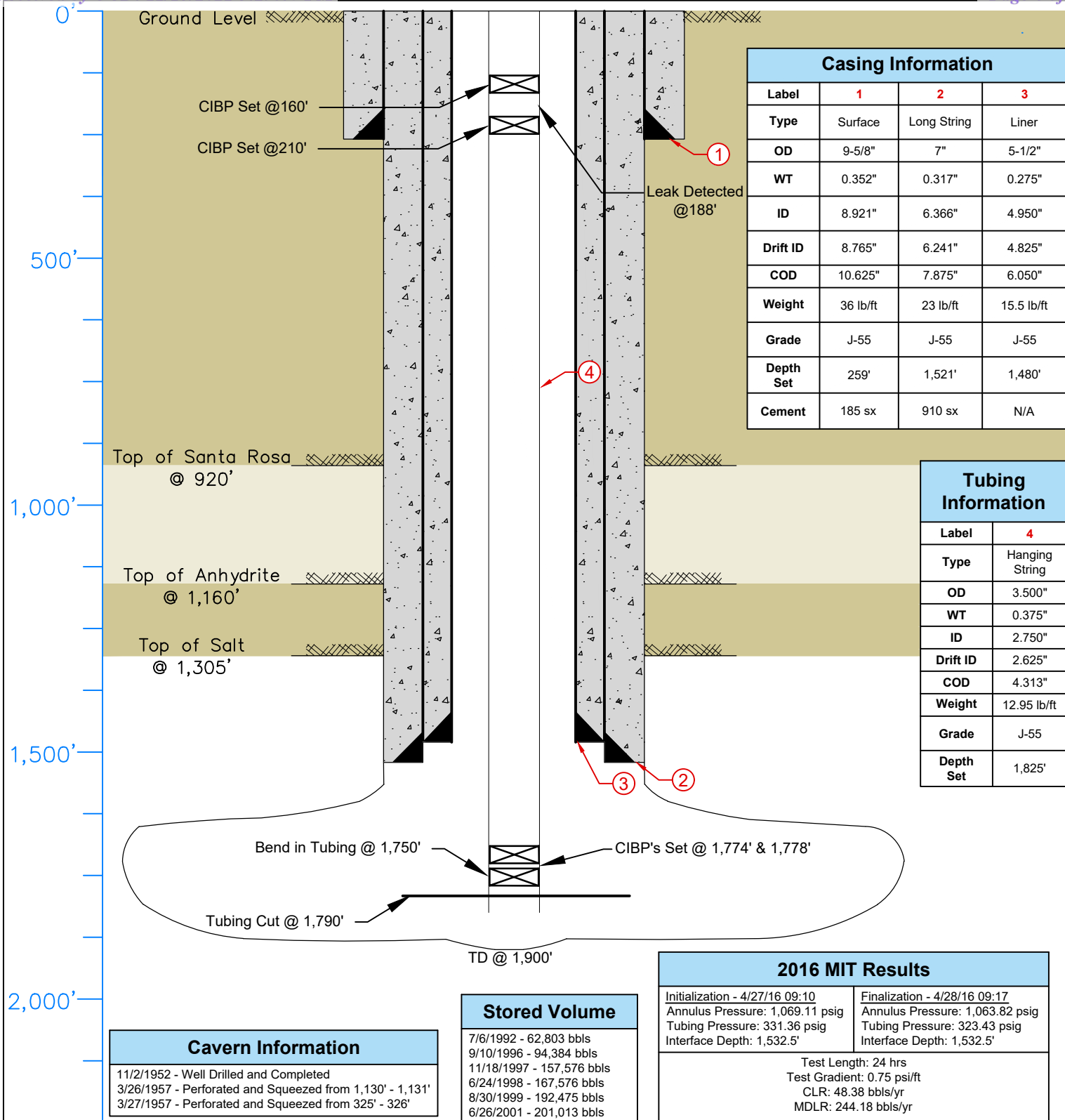
Conditions of Approval (if any):

		Brine MIT		Project No.: TBD			
				Date: September 2021			
		Marathon Petroleum Company LP State LPG Well No. 1 Mechanical Integrity Test		Page: 1 of 5			
Well: Well No. 1		State: New Mexico		County: Lea		Field: Jal Station	
API: 30-025-35954		Operator: Marathon		Location: Jal		Status: Active Storage	
INTRODUCTION Well No. 1 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 monitoring status for one year. In accordance with the Oil Conservation Division of New Mexico, Well No. 1 is undergoing a 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	9/30/2021					Texas Registration No. F-9147	

		Brine MIT		Project No.: TBD			
				Date: September 2021			
		Marathon Petroleum Company LP State LPG Well No. 1 Mechanical Integrity Test		Page: 2 of 5			
Well: Well No. 1		State: New Mexico		County: Lea		Field: Jal Station	
API: 30-025-35954		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 and wellhead temperatures 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 350 psi and cannot exceed a surface pressure of 425 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 350 psi with injection of 10 ppg brine. - Shut in the well and record wellbore pressures for 4 hours. - Complete test calculations based on injection volumes and wellhead pressure measurements. - Calculate the stabilized seepage rate (bbl/psi). - Calculate the apparent leak rate during the 4 hour test. - Determine if the test is complete or should be extended based on results.							
Test Reporting A written report will be prepared within 30 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	9/30/2021					Texas Registration No. F-9147	

		Brine MIT		Project No.: TBD	
				Date: September 2021	
		Marathon Petroleum Company LP State LPG Well No. 1 Mechanical Integrity Test		Page: 3 of 5	
Well: Well No. 1	State: New Mexico	County: Lea		Field: Jal Station	
API: 30-025-35954	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 / Project Manager - 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	9/30/2021				
					Lonquist Field Service, LLC Texas Registration No. F-9147

		Brine MIT		Project No.: TBD			
				Date: September 2021			
		Marathon Petroleum Company LP State LPG Well No. 1 Mechanical Integrity Test		Page: 4 of 5			
Well: Well No. 1		State: New Mexico		County: Lea		Field: Jal Station	
API: 30-025-35954		Operator: Marathon		Location: Jal		Status: Active Storage	
Wellbore Schematic							
PREPARED BY	DATE	APPROVED BY	DATE	CLIENT APPROVAL	DATE	Lonquist Field Service, LLC	
WHG	9/30/2021					Texas Registration No. F-9147	

**LONQUIST****FIELD SERVICE**HOUSTON | CALGARY
AUSTIN | WICHITA | DENVER

Texas License F-9147

12912 Hill Country Blvd., Suite F-200
Austin, Texas 78738
Tel: 512.732.9812
Fax: 512.732.9816

Marathon Petroleum Company

Country: USA

Survey/STR: M-32-23S-37E

API No.: 30-025-35954

Serial No.:

Drawn: WHG

Rev No:

State LPG Well No. 1

State/Province: New Mexico

Site: Jal, NM

Field: Langlie Mattix

Project No:

Reviewed:

Notes:

County/Parish: Lea

Status: Active Storage

Ground Elevation: 3,312'

Date: 1/19/21

Approved: WHG

		Brine MIT		Project No.: TBD			
		Marathon Petroleum Company LP State LPG Well No. 1 Mechanical Integrity Test		Date: September 2021			
				Page: 5 of 5			
Well: Well No. 1		State: New Mexico		County: Lea		Field: Jal Station	
API: 30-025-35954		Operator: Marathon		Location: Jal		Status: Active Storage	
Historic Sonar Survey							
PREPARED BY	DATE	APPROVED BY	DATE	CLIENT APPROVAL	DATE	Lonquist Field Service, LLC	
WHG	9/30/2021					Texas Registration No. F-9147	

SONARWIRE GLOBAL

P.O. BOX 976
MANVEL, TX 77578
Office: 985-264-7746
Email: sean@empirewireline.com

Survey conducted by: Sean McCool

WESTERN REFINING
JAL, NM
STORAGE WELL NO. 1
APRIL 18, 2008
SONAR THROUGH PIPE SURVEY

Survey from 1521 ft. to 1750 ft.
7 5/8 inch cemented casing at 1521 ft.
3 1/2 inch intermediate pipe at 1807 ft.
Tool sat down at 1750 ft.
Zero sonar tool at B.H.F.
Site personnel: Mr. Jerry Lindt

- Sonar tool could not obtain data below depth 1750 ft. due to a restriction in the tubing.

SONARWIRE GLOBAL, LLC
Depth versus VolumeWESTERN REFINING
STORAGE WELL NO. 1JAL, NM
Fri, Apr 18, 2008

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1522	1.5	1.5	0.3	0.3
1523	1.6	3.1	0.3	0.6
1524	1.8	4.9	0.3	0.9
1525	2.1	7.0	0.4	1.2
1526	2.3	9.3	0.4	1.7
1527	3.6	13.0	0.6	2.3
1528	5.2	18.2	0.9	3.2
1529	4.5	22.7	0.8	4.0
1530	3.8	26.4	0.7	4.7
1531	3.1	29.6	0.6	5.3
1532	1116.8	1146.3	198.9	204.2
1533	1110.1	2256.5	197.7	401.9
1534	514.8	2771.3	91.7	493.6
1535	145.5	2916.8	25.9	519.5
1536	2.1	2918.8	0.4	519.9
1537	2.4	2921.2	0.4	520.3
1538	2.7	2924.0	0.5	520.8
1539	521.1	3445.1	92.8	613.6
1540	512.9	3958.0	91.3	704.9
1541	506.7	4464.7	90.3	795.2
1542	538.2	5002.9	95.9	891.0
1543	571.2	5574.0	101.7	992.8
1544	561.5	6135.5	100.0	1092.8
1545	552.0	6687.5	98.3	1191.1
1546	1.5	6689.0	0.3	1191.4
1547	546.6	7235.5	97.3	1288.7
1548	519.7	7755.2	92.6	1381.3
1549	493.6	8248.9	87.9	1469.2
1550	476.6	8725.5	84.9	1554.1
1551	460.3	9185.8	82.0	1636.1
1552	453.6	9639.5	80.8	1716.9
1553	447.3	10086.8	79.7	1796.5
1554	447.7	10534.5	79.7	1876.3
1555	448.6	10983.1	79.9	1956.2
1556	455.4	11438.5	81.1	2037.3
1557	462.7	11901.2	82.4	2119.7
1558	434.6	12335.8	77.4	2197.1
1559	408.0	12743.9	72.7	2269.8
1560	378.6	13122.4	67.4	2337.2
1561	352.4	13474.8	62.8	2400.0
1562	310.9	13785.6	55.4	2455.3
1563	273.7	14059.4	48.8	2504.1
1564	234.7	14294.1	41.8	2545.9
1565	199.2	14493.3	35.5	2581.4
1566	295.0	14788.3	52.5	2633.9
1567	418.9	15207.2	74.6	2708.5
1568	411.5	15618.6	73.3	2781.8
1569	404.7	16023.4	72.1	2853.9
1570	351.5	16374.9	62.6	2916.5
1571	302.5	16677.5	53.9	2970.4
1572	333.3	17010.7	59.4	3029.7
1573	366.0	17376.7	65.2	3094.9

WESTERN REFINING
STORAGE WELL NO. 1JAL, NM
Fri, Apr 18, 2008

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1574	425.2	17801.9	75.7	3170.7
1575	489.6	18291.5	87.2	3257.9
1576	397.7	18689.2	70.8	3328.7
1577	315.9	19005.1	56.3	3384.9
1578	249.6	19254.7	44.5	3429.4
1579	193.8	19448.5	34.5	3463.9
1580	127.6	19576.1	22.7	3486.7
1581	81.4	19657.6	14.5	3501.2
1582	29.0	19686.5	5.2	3506.3
1583	3.3	19689.9	0.6	3506.9
1584	3.0	19692.9	0.5	3507.5
1585	2.7	19695.6	0.5	3507.9
1586	2.4	19698.0	0.4	3508.4
1587	2.1	19700.1	0.4	3508.7
1588	1.9	19702.0	0.3	3509.1
1589	46.9	19748.9	8.4	3517.4
1590	160.3	19909.2	28.6	3546.0
1591	420.5	20329.7	74.9	3620.9
1592	928.4	21258.0	165.3	3786.2
1593	254.7	21512.8	45.4	3831.6
1594	2.1	21514.9	0.4	3832.0
1595	2.2	21517.1	0.4	3832.4
1596	2.3	21519.4	0.4	3832.8
1597	2.4	21521.8	0.4	3833.2
1598	2.5	21524.3	0.4	3833.7
1599	2.6	21527.0	0.5	3834.1
1600	2.7	21529.7	0.5	3834.6
1601	2.8	21532.5	0.5	3835.1
1602	2.9	21535.5	0.5	3835.6
1603	683.8	22219.3	121.8	3957.4
1604	535.9	22755.2	95.5	4052.9
1605	407.8	23163.0	72.6	4125.5
1606	216.9	23379.9	38.6	4164.1
1607	96.9	23476.8	17.3	4181.4
1608	30.2	23507.0	5.4	4186.8
1609	1.7	23508.8	0.3	4187.1
1610	187.9	23696.6	33.5	4220.6
1611	682.2	24378.8	121.5	4342.1
1612	671.1	25049.8	119.5	4461.6
1613	662.5	25712.3	118.0	4579.6
1614	675.8	26388.1	120.4	4699.9
1615	689.9	27078.1	122.9	4822.8
1616	695.8	27773.8	123.9	4946.7
1617	702.2	28476.0	125.1	5071.8
1618	646.1	29122.2	115.1	5186.9
1619	592.9	29715.0	105.6	5292.5
1620	483.7	30198.7	86.1	5378.6
1621	386.0	30584.7	68.8	5447.4
1622	279.6	30864.3	49.8	5497.2
1623	192.1	31056.4	34.2	5531.4
1624	58.7	31115.1	10.5	5541.8
1625	2.2	31117.3	0.4	5542.2
1626	1.2	31118.5	0.2	5542.5
1627	1.8	31120.3	0.3	5542.8

WESTERN REFINING
STORAGE WELL NO. 1JAL, NM
Fri, Apr 18, 2008

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1628	2.4	31122.8	0.4	5543.2
1629	3.2	31126.0	0.6	5543.8
1630	4.0	31130.0	0.7	5544.5
1631	5.0	31135.0	0.9	5545.4
1632	5.0	31139.9	0.9	5546.3
1633	5.0	31144.9	0.9	5547.1
1634	5.0	31149.9	0.9	5548.0
1635	5.0	31154.9	0.9	5548.9
1636	5.0	31159.8	0.9	5549.8
1637	5.0	31164.8	0.9	5550.7
1638	5.0	31169.8	0.9	5551.6
1639	5.0	31174.8	0.9	5552.5
1640	5.0	31179.7	0.9	5553.4
1641	5.0	31184.7	0.9	5554.2
1642	5.0	31189.7	0.9	5555.1
1643	5.0	31194.7	0.9	5556.0
1644	5.0	31199.7	0.9	5556.9
1645	5.0	31204.6	0.9	5557.8
1646	5.0	31209.6	0.9	5558.7
1647	5.0	31214.6	0.9	5559.6
1648	5.0	31219.6	0.9	5560.4
1649	5.0	31224.6	0.9	5561.3
1650	5.0	31229.5	0.9	5562.2
1651	5.0	31234.5	0.9	5563.1
1652	5.0	31239.5	0.9	5564.0
1653	5.0	31244.5	0.9	5564.9
1654	5.0	31249.5	0.9	5565.8
1655	5.0	31254.5	0.9	5566.7
1656	5.0	31259.4	0.9	5567.5
1657	1390.7	32650.1	247.7	5815.2
1658	1345.4	33995.5	239.6	6054.9
1659	1293.3	35288.8	230.4	6285.2
1660	1244.1	36533.0	221.6	6506.8
1661	1257.6	37790.6	224.0	6730.8
1662	1272.4	39063.0	226.6	6957.4
1663	1241.1	40304.1	221.1	7178.5
1664	1212.2	41516.3	215.9	7394.4
1665	1143.4	42659.7	203.7	7598.0
1666	1083.4	43743.1	193.0	7791.0
1667	1065.7	44808.9	189.8	7980.8
1668	1051.3	45860.1	187.2	8168.0
1669	961.9	46822.1	171.3	8339.4
1670	880.6	47702.7	156.8	8496.2
1671	851.6	48554.2	151.7	8647.9
1672	827.7	49381.9	147.4	8795.3
1673	1078.5	50460.4	192.1	8987.4
1674	1369.6	51830.0	243.9	9231.3
1675	1215.7	53045.6	216.5	9447.8
1676	1077.5	54123.1	191.9	9639.7
1677	1074.9	55198.0	191.4	9831.2
1678	1073.0	56271.0	191.1	10022.3
1679	1080.8	57351.8	192.5	10214.8
1680	1089.9	58441.7	194.1	10408.9
1681	1037.1	59478.8	184.7	10593.6

WESTERN REFINING
STORAGE WELL NO. 1JAL, NM
Fri, Apr 18, 2008

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1682	1001.6	60480.4	178.4	10772.0
1683	1270.7	61751.1	226.3	10998.3
1684	1602.7	63353.8	285.4	11283.8
1685	1252.7	64606.5	223.1	11506.9
1686	989.6	65596.1	176.3	11683.2
1687	1079.2	66675.4	192.2	11875.4
1688	1205.1	67880.4	214.6	12090.0
1689	369.3	68249.8	65.8	12155.8
1690	14.6	68264.3	2.6	12158.4
1691	14.8	68279.1	2.6	12161.0
1692	15.3	68294.4	2.7	12163.8
1693	564.6	68859.0	100.6	12264.3
1694	1909.7	70768.7	340.1	12604.5
1695	2025.5	72794.2	360.8	12965.2
1696	2147.3	74941.5	382.5	13347.7
1697	2129.0	77070.6	379.2	13726.9
1698	2112.0	79182.6	376.2	14103.0
1699	2165.4	81348.0	385.7	14488.7
1700	2221.3	83569.3	395.6	14884.3
1701	2260.2	85829.4	402.6	15286.9
1702	2303.3	88132.7	410.2	15697.1
1703	2461.6	90594.4	438.4	16135.6
1704	2626.5	93220.8	467.8	16603.4
1705	2601.9	95822.8	463.4	17066.8
1706	2579.2	98402.0	459.4	17526.2
1707	2646.6	101048.6	471.4	17997.5
1708	2717.0	103765.6	483.9	18481.5
1709	2722.7	106488.3	484.9	18966.4
1710	2729.7	109218.0	486.2	19452.6
1711	2621.3	111839.3	466.9	19919.4
1712	2517.5	114356.7	448.4	20367.8
1713	2294.7	116651.5	408.7	20776.5
1714	2084.7	118736.2	371.3	21147.8
1715	2024.2	120760.3	360.5	21508.3
1716	1965.2	122725.5	350.0	21858.4
1717	1905.0	124630.5	339.3	22197.6
1718	1846.4	126476.9	328.9	22526.5
1719	1816.0	128292.9	323.4	22849.9
1720	1787.2	130080.1	318.3	23168.3
1721	1722.7	131802.8	306.8	23475.1
1722	1663.6	133466.4	296.3	23771.4
1723	1638.7	135105.1	291.9	24063.3
1724	1620.9	136726.0	288.7	24351.9
1725	1490.8	138216.7	265.5	24617.5
1726	1371.1	139587.8	244.2	24861.7
1727	1469.0	141056.8	261.6	25123.3
1728	1577.1	142633.9	280.9	25404.2
1729	1935.5	144569.4	344.7	25748.9
1730	2344.2	146913.6	417.5	26166.4
1731	2817.4	149730.9	501.8	26668.2
1732	3362.3	153093.2	598.8	27267.1
1733	1931.9	155025.1	344.1	27611.2
1734	895.3	155920.4	159.5	27770.6
1735	252.5	156173.0	45.0	27815.6

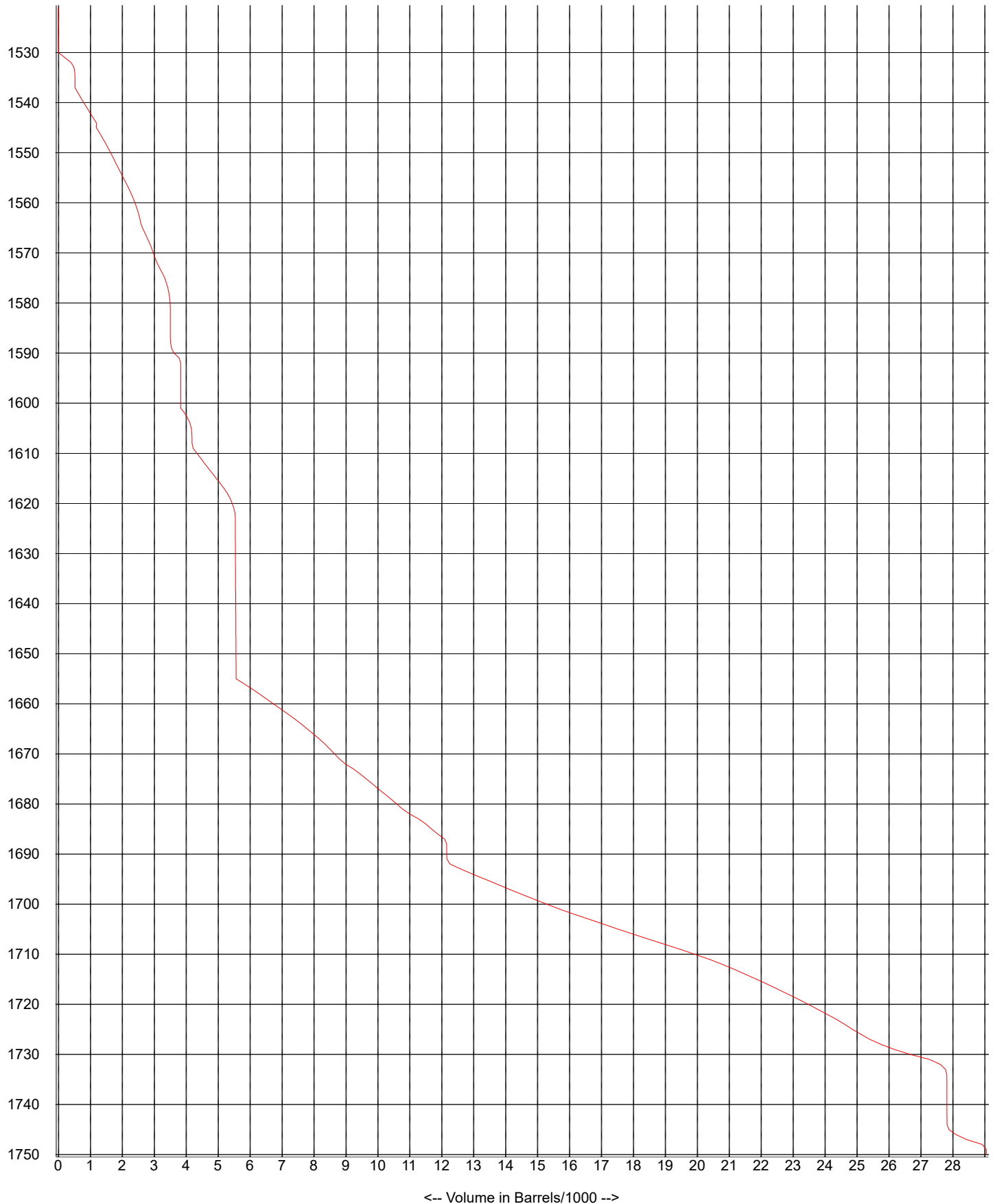
WESTERN REFINING
STORAGE WELL NO. 1JAL, NM
Fri, Apr 18, 2008

Depth	Cubic ft. per ft.	Cubic ft. total	Barrels per ft.	Barrels total
1736	3.5	156176.4	0.6	27816.2
1737	3.2	156179.7	0.6	27816.8
1738	3.0	156182.7	0.5	27817.3
1739	2.8	156185.5	0.5	27817.8
1740	2.6	156188.1	0.5	27818.3
1741	2.4	156190.5	0.4	27818.7
1742	2.2	156192.7	0.4	27819.1
1743	2.6	156195.3	0.5	27819.6
1744	3.0	156198.3	0.5	27820.1
1745	3.5	156201.8	0.6	27820.7
1746	332.3	156534.1	59.2	27879.9
1747	1197.1	157731.2	213.2	28093.1
1748	1897.2	159628.4	337.9	28431.0
1749	2758.1	162386.4	491.2	28922.3
1750	714.1	163100.5	127.2	29049.5

WESTERN REFINING
STORAGE WELL NO. 1

SONARWIRE GLOBAL, LLC
Depth -vs- Volume

JAL, NM
Fri, Apr 18, 2008



SONARWIRE GLOBAL, LLC
Max Radius & Depth vs Bearing

WESTERN REFINING
STORAGE WELL NO. 1

JAL, NM
Fri, Apr 18, 2008

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.

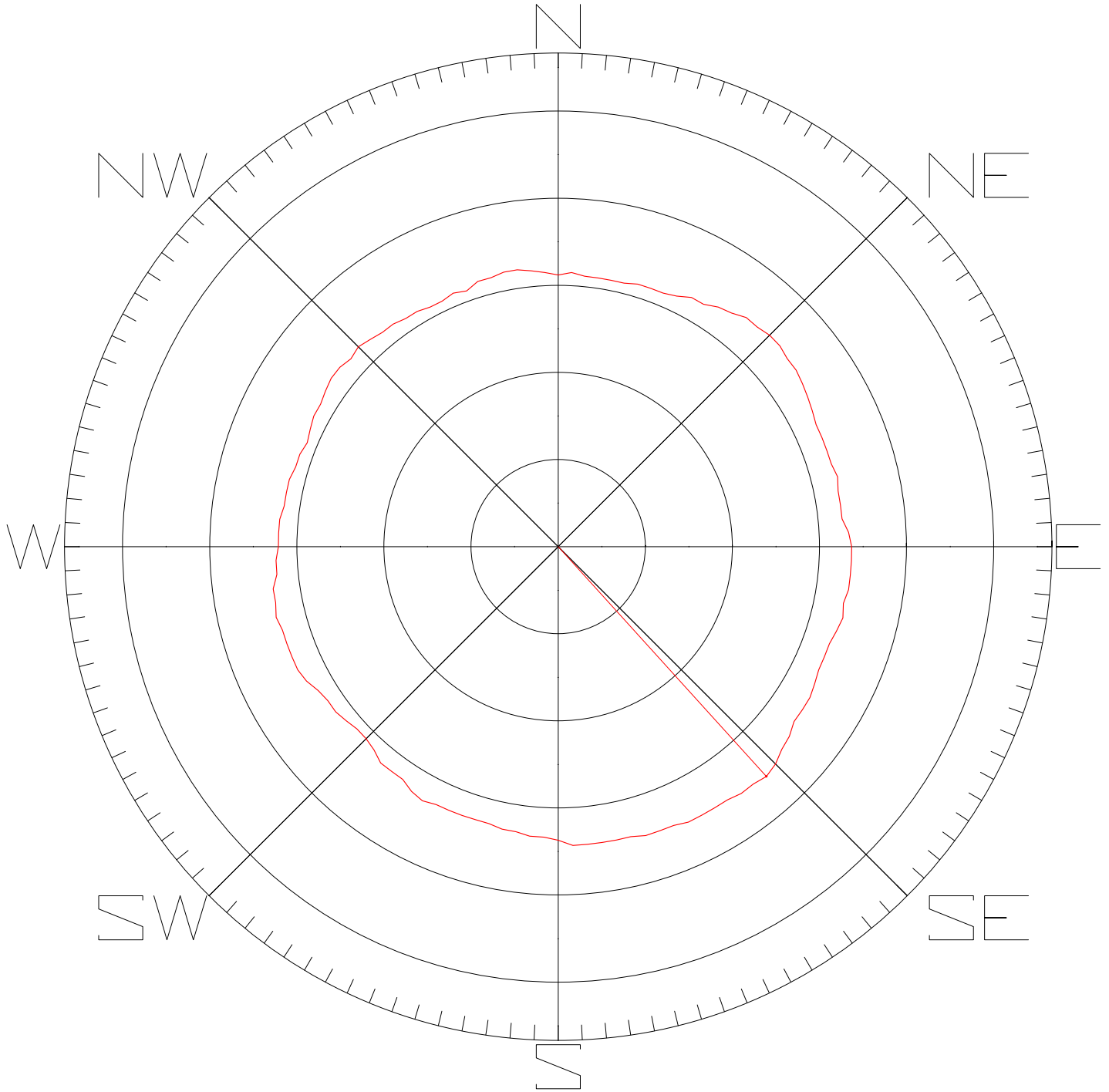
Bearing	+0.0	+2.8	+5.6	+8.4
0.0	31.2: 1731	31.5: 1731	31.2: 1731	31.2: 1731
11.3	31.2: 1731	31.2: 1731	31.5: 1731	31.5: 1731
22.5	31.5: 1731	31.8: 1731	32.5: 1731	32.5: 1731
33.8	33.1: 1731	33.4: 1731	34.0: 1731	34.0: 1731
45.0	34.3: 1731	34.3: 1731	34.0: 1731	34.0: 1731
56.3	33.7: 1731	33.4: 1731	33.1: 1731	32.8: 1731
67.5	32.8: 1731	32.8: 1707	32.8: 1707	33.1: 1707
78.8	32.8: 1707	32.8: 1707	32.8: 1709	33.4: 1709
90.0	33.7: 1709	33.7: 1709	33.7: 1709	33.7: 1709
101.3	33.4: 1709	33.7: 1709	33.4: 1709	33.1: 1731
112.5	33.1: 1731	33.1: 1731	33.4: 1707	33.7: 1707
123.8	33.7: 1731	33.7: 1731	34.3: 1731	34.7: 1731
135.0	35.3: 1731	35.6: 1731	35.3: 1731	35.3: 1731
146.3	35.0: 1731	35.0: 1731	35.0: 1731	35.0: 1731
157.5	34.7: 1731	34.7: 1731	34.7: 1731	34.3: 1731
168.8	34.3: 1731	34.3: 1731	34.3: 1731	34.3: 1731
180.0	33.7: 1731	33.4: 1731	33.4: 1731	33.1: 1731
191.3	33.1: 1731	32.8: 1731	32.8: 1731	32.8: 1731
202.5	32.8: 1731	32.8: 1731	33.1: 1731	32.8: 1731
213.8	32.1: 1731	32.1: 1709	32.1: 1709	31.5: 1709
225.0	31.2: 1709	31.2: 1709	31.5: 1731	31.8: 1731
236.3	31.8: 1731	32.1: 1731	32.8: 1731	33.1: 1731
247.5	33.1: 1731	33.1: 1731	33.1: 1731	33.4: 1731
258.8	33.1: 1731	33.1: 1731	32.5: 1731	32.5: 1731
270.0	32.1: 1731	32.1: 1731	32.1: 1731	31.8: 1731
281.3	31.8: 1731	31.8: 1731	31.5: 1731	31.5: 1731
292.5	31.2: 1731	31.5: 1731	31.8: 1731	31.8: 1731
303.8	32.1: 1731	32.5: 1731	32.5: 1731	32.1: 1731
315.0	32.5: 1731	32.1: 1731	31.8: 1731	31.8: 1731
326.3	31.5: 1731	31.5: 1731	31.2: 1731	31.2: 1731
337.5	31.5: 1731	31.2: 1731	31.8: 1731	31.8: 1731
348.8	32.1: 1731	32.1: 1731	31.8: 1731	31.5: 1731

Between 1521 and 1750 foot depths, maximum radius was 35.6 feet at bearing 137.8 at 1731.0 foot depth

WESTERN REFINING
JAL, NM
STORAGE WELL NO. 1

SONARWIRE GLOBAL, LLC
Max Range vs Bearing

Max Radius= 35.6 ft @ 137.8 deg
Depth= 1731 ft. Fri, Apr 18, 2008



1 inch = 17.0 ft.

55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55

SONARWIRE GLOBAL, LLC
Average Wall Range versus Depth (ft.)

WESTERN REFINING
STORAGE WELL NO. 1

JAL, NM
Fri, Apr 18, 2008

Depth	Avg Rad ft.	Min Rad ft @ Az	Max Rad ft @ Az	Min Dia ft @ Az	Max Dia ft @ Az
1521	1	1 @ 180.1	1 @ 0.1	2 @ 0.1-180.1	2 @ 143.5-323.5
1523	1	1 @ 250.4	1 @ 11.3	2 @ 81.6-261.6	2 @ 11.3-191.3
1525	1	1 @ 289.7	2 @ 19.7	2 @ 109.7-289.7	2 @ 19.7-199.7
1527	2	2 @ 0.1	2 @ 112.6	3 @ 0.1-180.1	3 @ 112.6-292.6
1530	1	1 @ 180.1	2 @ 0.1	2 @ 11.3-191.3	3 @ 104.1-284.1
1531	19	18 @ 11.3	21 @ 84.4	37 @ 149.1-329.1	39 @ 81.6-261.6
1532	19	18 @ 16.9	21 @ 87.2	37 @ 22.6-202.6	40 @ 81.6-261.6
1535	1	1 @ 180.1	1 @ 0.1	2 @ 0.1-180.1	2 @ 16.9-196.9
1537	1	1 @ 180.1	2 @ 225.1	2 @ 0.1-180.1	2 @ 45.0-225.1
1538	13	11 @ 25.4	16 @ 143.5	25 @ 28.2-208.2	28 @ 163.2-343.2
1540	13	12 @ 104.1	14 @ 157.6	25 @ 112.6-292.6	27 @ 64.7-244.7
1542	14	13 @ 289.7	15 @ 84.4	27 @ 109.7-289.7	28 @ 84.4-264.4
1544	14	13 @ 267.2	15 @ 78.8	26 @ 53.5-233.5	28 @ 137.9-317.9
1545	1	1 @ 180.1	1 @ 61.9	2 @ 0.1-180.1	2 @ 61.9-241.9
1546	14	13 @ 205.4	15 @ 81.6	26 @ 16.9-196.9	28 @ 84.4-264.4
1548	13	12 @ 236.3	14 @ 61.9	25 @ 50.7-230.7	26 @ 8.5-188.5
1550	13	11 @ 312.2	14 @ 61.9	24 @ 132.2-312.2	26 @ 61.9-241.9
1552	12	11 @ 244.7	14 @ 101.3	23 @ 14.1-194.1	25 @ 101.3-281.3
1554	12	12 @ 270.1	14 @ 146.3	24 @ 0.1-180.1	26 @ 39.4-219.4
1556	13	12 @ 244.7	14 @ 47.9	24 @ 151.9-331.9	25 @ 47.9-227.9
1558	12	10 @ 292.6	14 @ 70.4	22 @ 33.8-213.8	24 @ 70.4-250.4
1560	11	8 @ 284.1	13 @ 121.0	20 @ 174.4-354.4	24 @ 56.3-236.3
1562	10	6 @ 298.2	14 @ 140.7	17 @ 31.0-211.0	20 @ 140.7-320.7
1564	8	5 @ 334.7	12 @ 98.5	14 @ 25.4-205.4	18 @ 98.5-278.5
1566	12	10 @ 326.3	13 @ 247.6	22 @ 151.9-331.9	25 @ 67.5-247.6
1568	12	10 @ 303.8	13 @ 132.2	22 @ 154.7-334.7	24 @ 98.5-278.5
1570	10	9 @ 28.2	12 @ 143.5	19 @ 28.2-208.2	21 @ 140.7-320.7
1572	11	9 @ 340.4	13 @ 129.4	20 @ 160.4-340.4	24 @ 64.7-244.7
1574	13	12 @ 28.2	14 @ 149.1	25 @ 42.2-222.2	26 @ 149.1-329.1
1576	11	9 @ 64.7	12 @ 211.0	20 @ 76.0-256.0	21 @ 154.7-334.7
1578	8	7 @ 241.9	11 @ 73.2	14 @ 135.1-315.1	18 @ 76.0-256.0
1580	5	3 @ 340.4	8 @ 191.3	9 @ 104.1-284.1	13 @ 53.5-233.5
1582	2	2 @ 180.1	2 @ 0.1	3 @ 0.1-180.1	3 @ 0.1-180.1
1587	1	1 @ 180.1	1 @ 0.1	2 @ 53.5-233.5	2 @ 0.1-180.1
1589	6	1 @ 0.1	12 @ 163.2	4 @ 59.1-239.1	13 @ 163.2-343.2
1591	18	17 @ 25.4	19 @ 92.9	34 @ 25.4-205.4	36 @ 92.9-272.9
1593	1	1 @ 180.1	1 @ 0.1	2 @ 0.1-180.1	2 @ 73.2-253.2
1601	1	1 @ 0.1	2 @ 180.1	2 @ 0.1-180.1	3 @ 16.9-196.9
1602	15	13 @ 331.9	16 @ 194.1	29 @ 157.6-337.6	31 @ 109.7-289.7
1604	12	10 @ 19.7	14 @ 222.2	22 @ 61.9-241.9	24 @ 42.2-222.2
1606	5	2 @ 295.4	9 @ 106.9	7 @ 53.5-233.5	12 @ 67.5-247.6
1608	1	1 @ 180.1	1 @ 0.1	2 @ 0.1-180.1	2 @ 0.1-180.1
1610	15	12 @ 5.7	17 @ 151.9	27 @ 8.5-188.5	33 @ 59.1-239.1
1612	15	13 @ 292.6	17 @ 132.2	28 @ 22.6-202.6	31 @ 61.9-241.9
1614	15	13 @ 8.5	17 @ 188.5	29 @ 104.1-284.1	31 @ 61.9-241.9
1616	15	13 @ 315.1	18 @ 157.6	29 @ 31.0-211.0	31 @ 53.5-233.5
1618	14	12 @ 320.7	17 @ 146.3	27 @ 61.9-241.9	29 @ 166.0-346.0
1620	12	10 @ 312.2	13 @ 90.0	22 @ 53.5-233.5	23 @ 90.0-270.1
1622	8	6 @ 261.6	11 @ 112.6	14 @ 64.7-244.7	17 @ 14.1-194.1
1624	1	1 @ 180.1	1 @ 0.1	2 @ 0.1-180.1	2 @ 0.1-180.1
1625	1	1 @ 180.1	1 @ 0.1	2 @ 0.1-180.1	2 @ 0.1-180.1
1630	2	2 @ 14.1	2 @ 0.1	3 @ 14.1-194.1	3 @ 0.1-180.1
1655	2	2 @ 180.1	2 @ 0.1	3 @ 0.1-180.1	3 @ 0.1-180.1

WESTERN REFINING
STORAGE WELL NO. 1JAL, NM
Fri, Apr 18, 2008

Depth	Avg Rad ft.	Min Rad ft @ Az	Max Rad ft @ Az	Min Dia ft @ Az	Max Dia ft @ Az
1656	21	17 @ 306.6	24 @ 256.0	39 @ 129.4-309.4	46 @ 78.8-258.8
1657	21	17 @ 315.1	24 @ 92.9	39 @ 135.1-315.1	47 @ 92.9-272.9
1659	20	17 @ 348.8	23 @ 180.1	39 @ 45.0-225.1	42 @ 90.0-270.1
1661	20	18 @ 0.1	24 @ 132.2	38 @ 56.3-236.3	42 @ 123.8-303.8
1663	20	17 @ 306.6	25 @ 98.5	37 @ 31.0-211.0	42 @ 98.5-278.5
1665	19	14 @ 323.5	25 @ 121.0	34 @ 42.2-222.2	40 @ 101.3-281.3
1667	18	12 @ 343.2	24 @ 126.6	32 @ 2.9-182.9	41 @ 112.6-292.6
1669	17	11 @ 329.1	24 @ 92.9	31 @ 36.6-216.6	39 @ 90.0-270.1
1671	16	10 @ 11.3	20 @ 92.9	28 @ 28.2-208.2	37 @ 92.9-272.9
1673	21	16 @ 357.2	24 @ 261.6	38 @ 177.2-357.2	46 @ 104.1-284.1
1675	19	16 @ 0.1	22 @ 95.7	35 @ 25.4-205.4	40 @ 84.4-264.4
1677	19	17 @ 0.1	22 @ 126.6	35 @ 28.2-208.2	40 @ 78.8-258.8
1679	19	16 @ 31.0	24 @ 135.1	35 @ 33.8-213.8	41 @ 126.6-306.6
1681	18	13 @ 19.7	25 @ 123.8	27 @ 25.4-205.4	41 @ 123.8-303.8
1683	23	20 @ 301.0	26 @ 73.2	44 @ 56.3-236.3	48 @ 73.2-253.2
1685	17	9 @ 281.3	25 @ 47.9	29 @ 101.3-281.3	45 @ 36.6-216.6
1687	20	16 @ 303.8	24 @ 78.8	36 @ 132.2-312.2	44 @ 45.0-225.1
1689	3	2 @ 0.1	3 @ 191.3	4 @ 109.7-289.7	5 @ 45.0-225.1
1691	3	2 @ 0.1	3 @ 208.2	4 @ 174.4-354.4	5 @ 28.2-208.2
1693	25	21 @ 309.4	29 @ 81.6	47 @ 0.1-180.1	52 @ 81.6-261.6
1695	27	23 @ 0.1	31 @ 129.4	50 @ 11.3-191.3	54 @ 84.4-264.4
1697	26	23 @ 284.1	29 @ 87.2	51 @ 168.8-348.8	54 @ 28.2-208.2
1699	27	23 @ 284.1	30 @ 95.7	51 @ 129.4-309.4	58 @ 50.7-230.7
1701	27	23 @ 289.7	32 @ 95.7	53 @ 2.9-182.9	57 @ 22.6-202.6
1703	29	24 @ 286.9	33 @ 199.7	56 @ 106.9-286.9	61 @ 31.0-211.0
1705	29	24 @ 329.1	33 @ 92.9	55 @ 149.1-329.1	60 @ 67.5-247.6
1707	30	24 @ 337.6	35 @ 160.4	58 @ 95.7-275.7	62 @ 59.1-239.1
1709	30	24 @ 323.5	35 @ 163.2	57 @ 143.5-323.5	61 @ 53.5-233.5
1711	29	24 @ 326.3	33 @ 132.2	54 @ 5.7-185.7	61 @ 53.5-233.5
1713	26	22 @ 343.2	30 @ 118.2	50 @ 163.2-343.2	54 @ 112.6-292.6
1715	25	22 @ 323.5	29 @ 182.9	49 @ 143.5-323.5	52 @ 11.3-191.3
1717	25	20 @ 0.1	29 @ 109.7	47 @ 0.1-180.1	51 @ 115.4-295.4
1719	24	20 @ 295.4	29 @ 149.1	46 @ 45.0-225.1	49 @ 149.1-329.1
1721	23	19 @ 70.4	29 @ 160.4	41 @ 81.6-261.6	49 @ 160.4-340.4
1723	23	17 @ 0.1	33 @ 154.7	41 @ 28.2-208.2	51 @ 151.9-331.9
1725	21	15 @ 36.6	26 @ 109.7	37 @ 39.4-219.4	47 @ 104.1-284.1
1727	23	18 @ 343.2	27 @ 151.9	42 @ 11.3-191.3	48 @ 92.9-272.9
1729	27	22 @ 295.4	35 @ 137.9	49 @ 56.3-236.3	59 @ 137.9-317.9
1731	33	31 @ 222.2	36 @ 137.9	64 @ 14.1-194.1	68 @ 135.1-315.1
1735	2	2 @ 180.1	2 @ 0.1	3 @ 0.1-180.1	3 @ 0.1-180.1
1741	1	1 @ 180.1	1 @ 0.1	2 @ 0.1-180.1	2 @ 0.1-180.1
1744	2	2 @ 180.1	2 @ 0.1	3 @ 0.1-180.1	3 @ 0.1-180.1
1746	20	19 @ 67.5	22 @ 137.9	38 @ 78.8-258.8	41 @ 137.9-317.9
1748	30	28 @ 70.4	33 @ 140.7	58 @ 70.4-250.4	63 @ 140.7-320.7
1750	1	1 @ 180.1	1 @ 0.1	2 @ 0.1-180.1	2 @ 0.1-180.1

SONARWIRE GLOBAL, LLC
Wall Ranges versus Depth (ft.)

WESTERN REFINING
STORAGE WELL NO. 1

JAL, NM
Fri, Apr 18, 2008

Depth	Tilt	N	NE	E	SE	S	SW	W	NW
1521	0	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
1523	0	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6
1525	0	0.9	1.0	0.8	0.8	0.8	0.8	0.8	0.7
1527	0	1.2	1.3	1.3	1.5	1.3	1.2	1.2	1.2
1530	0	1.1	0.9	1.1	1.1	0.9	0.9	0.9	1.1
1531	0	18.4	19.6	20.6	18.8	19.9	18.7	17.9	19.0
1532	0	18.7	18.8	20.7	19.0	19.7	18.5	18.2	19.0
1535	0	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8
1537	0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0
1538	0	11.5	11.9	12.8	15.0	15.3	13.4	11.5	11.2
1540	0	12.6	12.2	12.9	12.6	13.1	12.8	13.1	12.6
1542	0	13.2	13.8	14.4	14.0	13.5	13.4	12.8	13.1
1544	0	13.2	13.7	13.8	13.8	13.2	12.6	12.4	13.2
1545	0	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.7
1546	0	13.2	13.5	13.7	13.7	12.8	12.9	12.9	12.8
1548	0	12.8	12.6	12.6	12.8	12.4	12.1	12.5	12.6
1550	0	11.6	12.8	12.8	12.2	11.9	11.9	11.8	10.9
1552	0	11.5	12.2	12.8	12.5	12.4	11.3	11.3	11.2
1554	0	11.8	12.8	12.3	12.5	11.3	12.8	11.0	11.2
1556	0	11.9	13.2	12.8	12.8	12.2	11.6	11.6	11.6
1558	0	10.6	11.5	12.6	12.8	11.8	10.7	10.7	10.4
1560	0	8.4	11.5	12.6	12.5	11.8	11.5	8.1	8.1
1562	0	6.8	9.9	11.2	12.6	10.4	8.4	6.9	6.0
1564	0	5.0	7.4	10.3	10.3	9.3	6.8	5.7	5.1
1566	0	10.4	11.8	12.1	12.6	12.1	11.5	11.6	9.8
1568	0	10.1	11.2	11.9	12.5	11.9	11.8	11.5	10.1
1570	0	9.0	8.8	10.3	11.0	11.0	10.1	9.1	9.4
1572	0	9.7	10.1	11.3	12.0	11.8	11.5	10.6	9.7
1574	0	11.6	11.3	13.4	13.2	13.4	12.9	11.6	11.6
1576	0	9.4	9.6	9.6	10.3	10.4	10.7	10.0	9.8
1578	0	8.1	8.7	9.7	7.2	7.8	7.1	7.6	6.8
1580	0	2.6	4.7	4.9	6.0	6.9	7.1	4.0	2.6
1582	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1587	0	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8
1589	0	0.9	0.9	10.3	10.9	10.9	6.8	0.9	0.9
1591	0	16.5	17.0	18.2	16.7	17.2	17.2	17.2	17.6
1593	0	0.9	0.9	0.9	0.7	0.7	0.7	0.9	0.9
1601	0	0.9	1.0	1.0	1.0	1.0	0.9	0.9	0.9
1602	0	14.3	13.7	14.4	15.6	15.0	15.1	15.0	13.5
1604	0	10.0	10.3	12.1	12.8	13.1	13.2	10.1	10.1
1606	0	1.9	2.2	8.2	8.2	7.9	4.8	2.5	1.8
1608	0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
1610	0	11.6	14.8	15.3	16.3	16.2	15.9	15.9	11.6
1612	0	13.2	13.5	16.3	16.7	16.2	15.0	12.9	12.2
1614	0	12.6	13.4	16.2	16.0	16.6	15.9	12.9	13.2
1616	0	13.4	14.2	15.4	17.0	16.5	15.3	14.2	12.9
1618	0	11.9	12.5	14.6	15.9	15.7	15.0	12.6	11.8
1620	0	9.7	10.9	12.8	12.2	12.6	11.2	9.8	9.3
1622	0	6.9	7.9	8.8	10.0	9.1	6.9	5.5	6.2
1624	0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1625	0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
1630	0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1655	0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

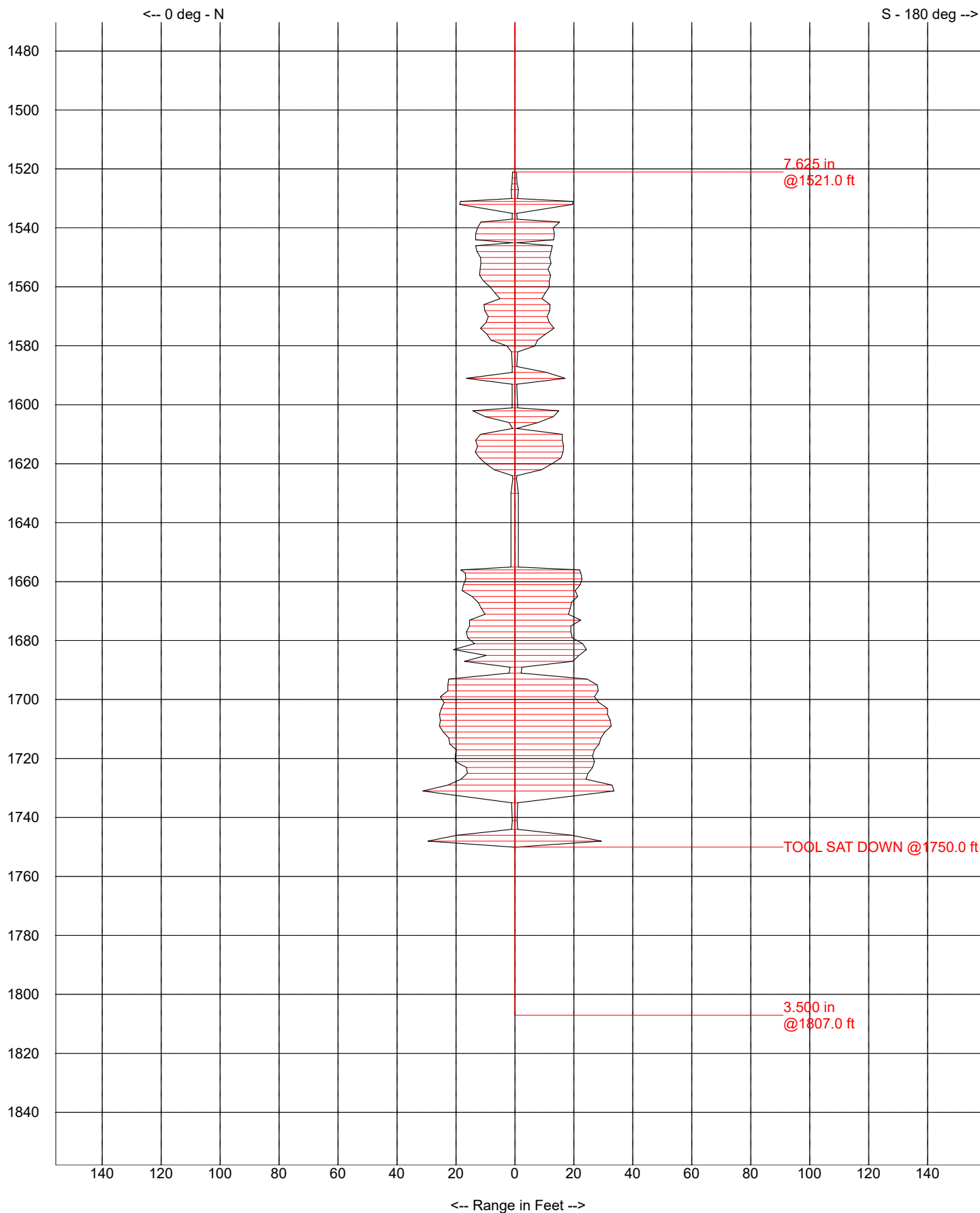
WESTERN REFINING
STORAGE WELL NO. 1JAL, NM
Fri, Apr 18, 2008

Depth	Tilt	N	NE	E	SE	S	SW	W	NW
1656	0	18.3	21.4	22.5	22.3	22.1	22.3	23.1	16.4
1657	0	16.8	18.1	22.9	22.7	22.5	22.7	22.5	16.2
1659	0	16.6	17.0	22.3	22.3	22.9	21.0	19.7	17.2
1661	0	17.4	18.3	22.9	23.5	22.3	19.7	17.6	17.6
1663	0	17.8	18.3	23.5	22.3	20.6	19.3	17.8	16.8
1665	0	14.5	14.1	22.0	23.5	21.4	19.1	16.8	13.9
1667	0	12.4	15.8	22.1	22.7	19.3	19.3	18.5	14.9
1669	0	11.3	12.4	23.1	21.2	18.9	17.9	15.3	11.3
1671	0	10.1	11.5	19.3	18.9	18.3	17.8	17.0	13.0
1673	0	15.3	17.6	21.6	22.3	22.5	22.5	23.3	19.5
1675	0	15.3	17.6	21.2	21.6	19.1	17.4	18.1	15.7
1677	0	16.4	18.3	20.6	21.8	19.1	16.6	17.8	16.4
1679	0	16.0	17.0	20.2	23.5	19.5	18.3	17.4	17.4
1681	0	13.7	13.2	23.9	24.8	23.1	13.4	13.7	15.1
1683	0	20.8	21.8	24.2	24.6	24.4	22.7	21.2	20.0
1685	0	9.7	24.4	20.6	20.6	21.8	20.6	9.0	9.4
1687	0	17.0	22.9	23.1	19.5	19.7	20.6	17.4	16.0
1689	0	1.6	1.9	1.9	1.9	2.5	2.8	2.5	1.9
1691	0	1.9	1.9	1.9	1.9	2.2	2.5	2.5	2.5
1693	0	22.4	26.5	28.4	27.1	24.6	24.3	22.7	20.8
1695	0	22.7	25.8	29.3	29.9	28.0	26.2	24.6	23.0
1697	0	22.7	25.8	28.7	28.4	28.4	26.5	23.0	22.4
1699	0	25.2	28.4	29.3	27.7	27.1	28.4	23.6	23.0
1701	0	23.9	27.7	30.9	30.9	28.7	25.5	23.0	23.0
1703	0	24.9	29.6	32.5	32.5	31.5	29.6	25.2	24.3
1705	0	25.5	29.3	32.5	32.5	31.5	27.7	25.2	24.3
1707	0	25.2	28.0	32.1	33.4	32.4	30.2	25.5	24.6
1709	0	25.5	28.0	33.7	32.4	32.8	31.2	26.1	24.3
1711	0	24.3	28.0	29.9	32.5	30.6	30.6	26.5	23.9
1713	0	22.4	23.0	28.0	29.6	29.3	26.8	23.6	22.4
1715	0	22.0	23.3	26.5	27.4	28.7	26.8	22.7	21.4
1717	0	19.8	22.0	25.2	27.7	27.1	26.1	21.7	20.8
1719	0	20.2	20.5	26.8	27.7	26.5	25.2	20.5	19.8
1721	0	20.2	19.5	21.7	27.4	27.1	24.6	19.8	19.5
1723	0	16.4	16.7	23.6	27.1	26.5	23.9	22.4	18.3
1725	0	16.1	15.1	19.2	24.6	24.9	21.7	22.1	18.6
1727	0	18.3	20.2	24.3	25.5	24.3	24.3	23.0	19.5
1729	0	22.7	25.5	30.9	34.3	33.1	23.6	23.3	23.3
1731	0	31.2	34.3	32.1	35.3	33.7	30.6	32.1	32.5
1735	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1741	0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
1744	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1746	0	19.5	20.0	18.7	21.2	19.3	19.3	18.9	19.5
1748	0	29.4	29.7	28.8	32.3	29.4	29.4	29.1	29.4
1750	0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5

WESTERN REFINING
STORAGE WELL NO. 1

SONARWIRE GLOBAL, LLC
Vertical Cross Section

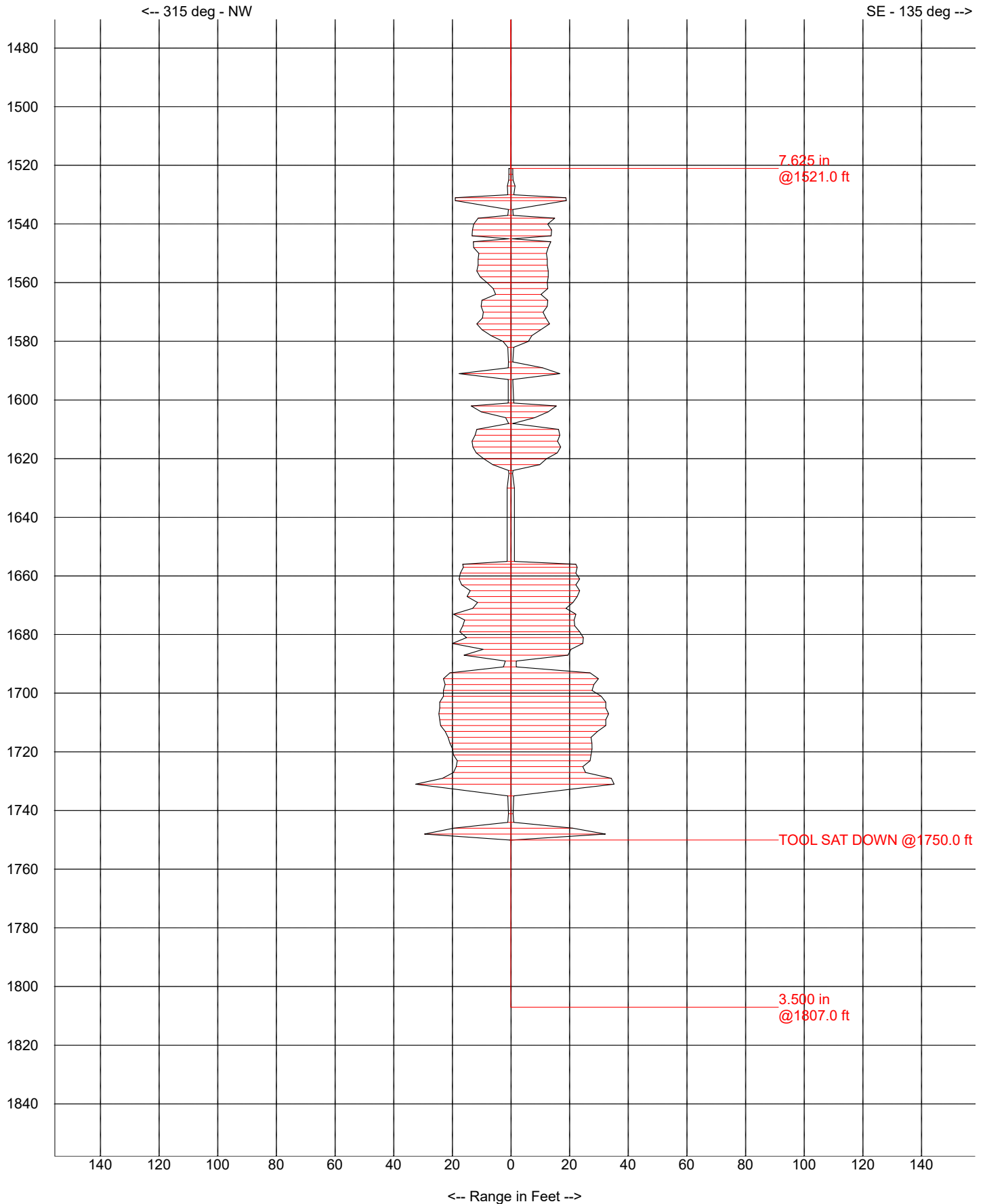
JAL, NM
Fri, Apr 18, 2008



WESTERN REFINING
STORAGE WELL NO. 1

SONARWIRE GLOBAL, LLC
Vertical Cross Section

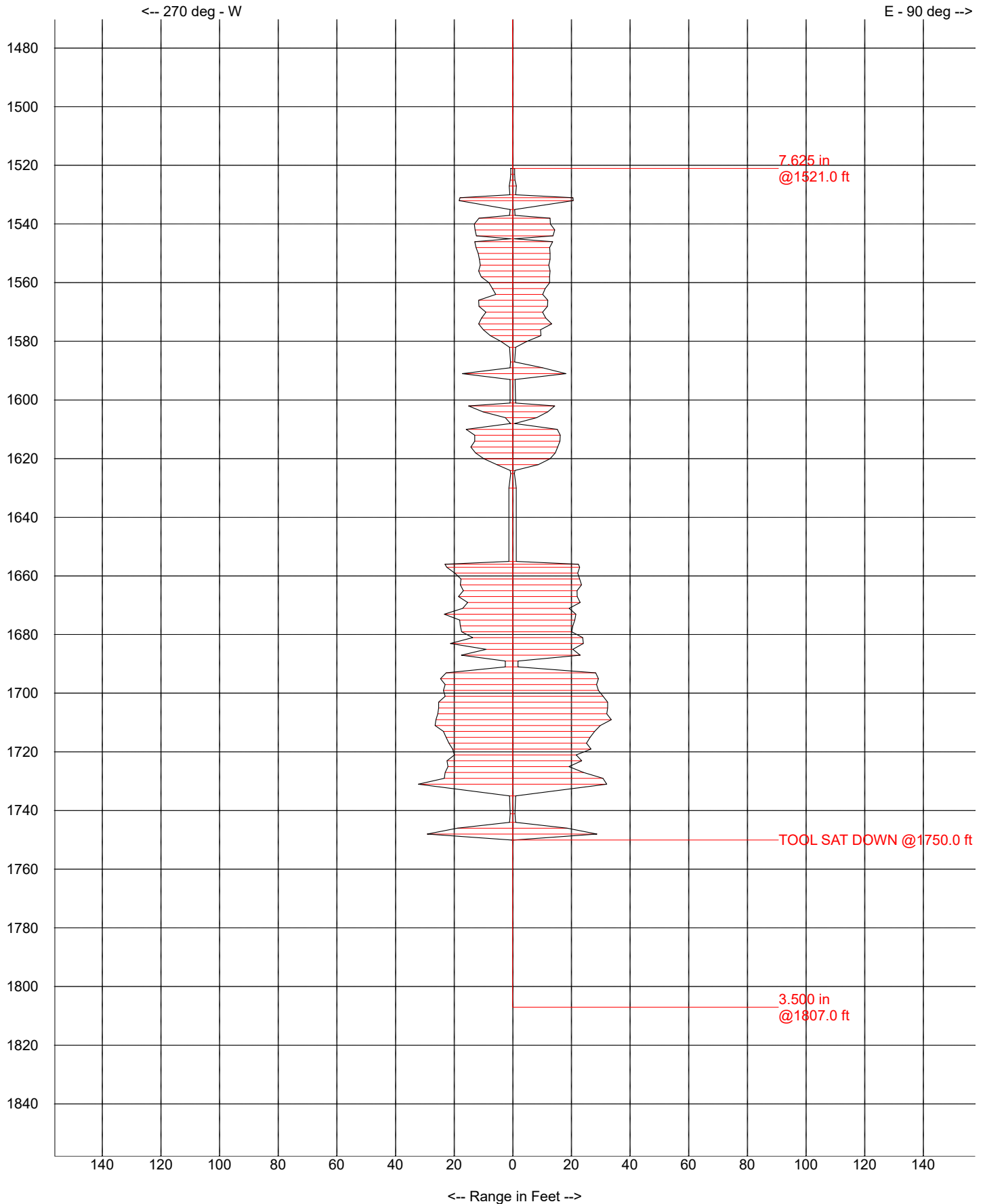
JAL, NM
Fri, Apr 18, 2008



WESTERN REFINING
STORAGE WELL NO. 1

SONARWIRE GLOBAL, LLC
Vertical Cross Section

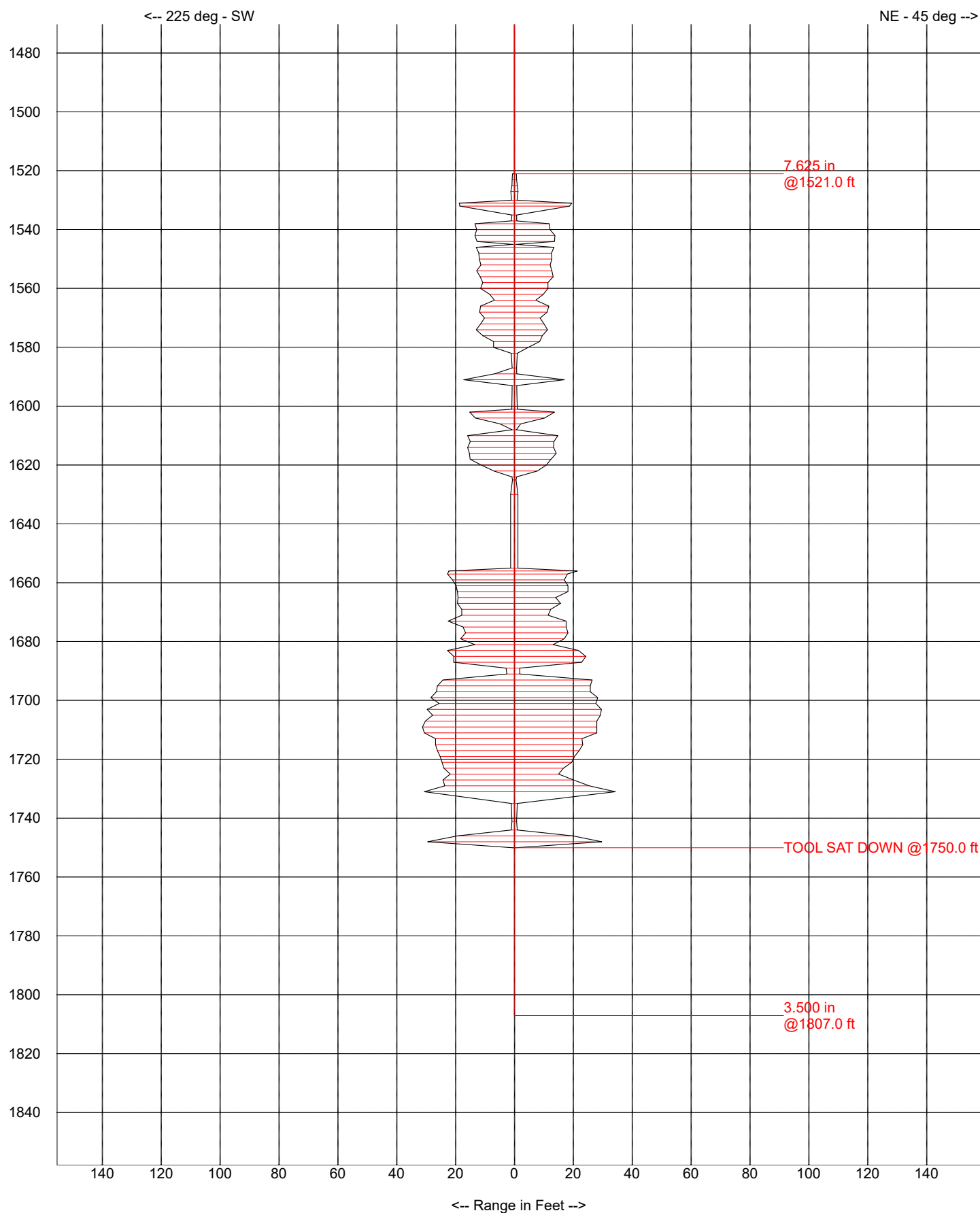
JAL, NM
Fri, Apr 18, 2008



WESTERN REFINING
STORAGE WELL NO. 1

SONARWIRE GLOBAL, LLC
Vertical Cross Section

JAL, NM
Fri, Apr 18, 2008



WESTERN REFINING
JAL, NM
STORAGE WELL NO. 1
APRIL 18, 2008

3D SHADE PLOT

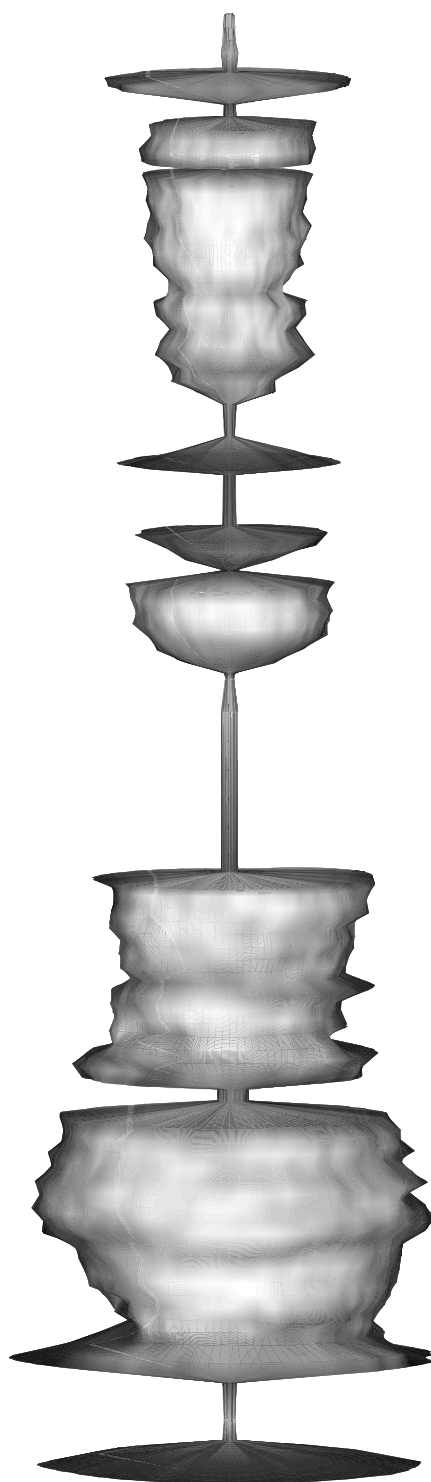
VIEWING AZIMUTH: 45 DEGS.
AXIS TILT: -2 DEGS.



WESTERN REFINING
JAL, NM
STORAGE WELL NO. 1
APRIL 18, 2008

3D SHADE PLOT

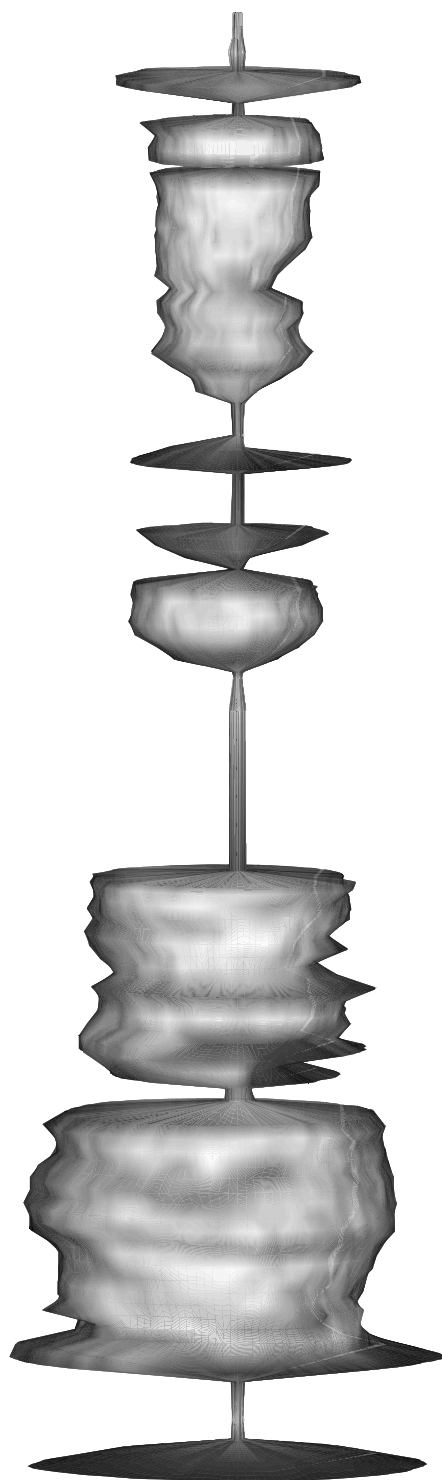
VIEWING AZIMUTH: 135 DEGS.
AXIS TILT: -2 DEGS.



WESTERN REFINING
JAL, NM
STORAGE WELL NO. 1
APRIL 18, 2008

3D SHADE PLOT

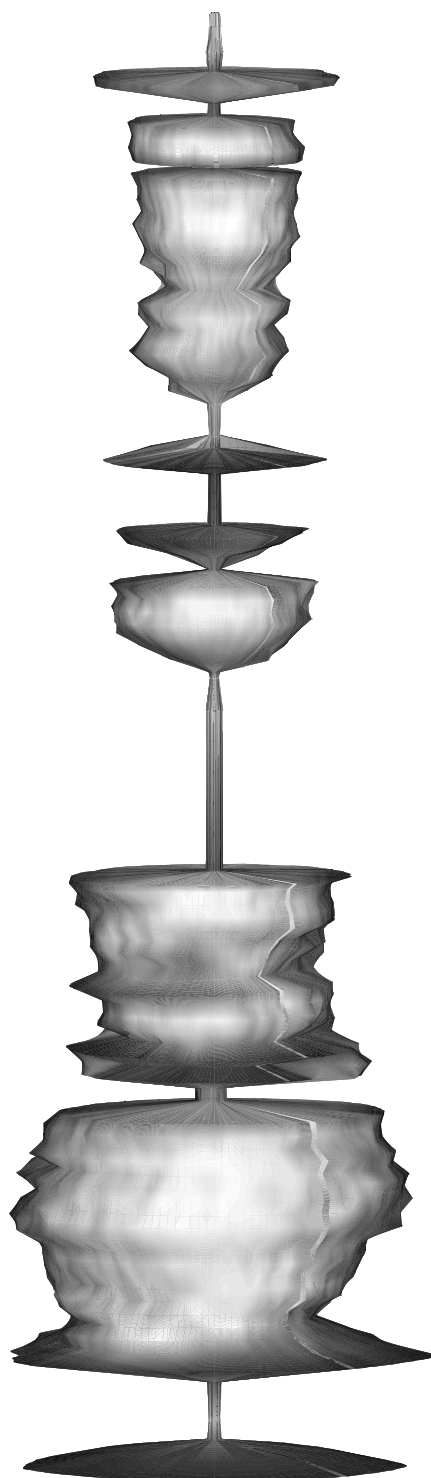
VIEWING AZIMUTH: 225 DEGS.
AXIS TILT: -2 DEGS.



WESTERN REFINING
JAL, NM
STORAGE WELL NO. 1
APRIL 18, 2008

3D SHADE PLOT

VIEWING AZIMUTH: 315 DEGS.
AXIS TILT: -2 DEGS.



SONARWIRE GLOBAL, LLC
Wall Ranges versus Depth (ft.)

WESTERN REFINING
STORAGE WELL NO. 1

JAL, NM
Fri, Apr 18, 2008

DEPTH:	1521	TILT:	0	RANGE:	24.9	VOS:	6009		
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	0.6	
157.5	0.7	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	0.7	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:	1523	TILT:	0	RANGE:	24.9	VOS:	6009		
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	0.9	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	0.8	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	0.7	0.7	0.7	
90.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
112.5	0.8	0.7	0.8	0.8	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	0.6	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	0.7	0.7	0.7	0.7	0.7	
337.5	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	

DEPTH:	1525	TILT:	0	RANGE:	24.9	VOS:	6009		
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	1.0	
22.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
45.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	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	0.7	
292.5	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
315.0	0.7	0.8	0.8	0.8	0.7	0.8	0.8	0.8	
337.5	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	

DEPTH:	1527	TILT:	0	RANGE:	34.8	VOS:	6001		
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	1.3	1.3	1.3	1.3	1.3	
22.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
45.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
67.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
90.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
112.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
135.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
157.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
180.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
202.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
225.0	1.2	1.3	1.2	1.2	1.2	1.2	1.2	1.2	
247.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
270.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
292.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
315.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
337.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	

DEPTH:	1530	TILT:	0	RANGE:	24.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	1.1	1.1	1.1	1.1	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	1.1	1.1	1.1	1.1	1.1	1.1	
90.0	1.1	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	1.1	
135.0	1.1	1.1	1.1	1.1	1.1	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	1.1	1.1	
202.5	1.1	1.1	1.1	1.1	1.1	1.1	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	1.1	0.9	1.1	
292.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
315.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	
337.5	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	

DEPTH:	1531	TILT:	0	RANGE:	34.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	18.4	18.2	17.9	17.6	17.5	17.5	17.6	17.8	
22.5	17.9	18.1	18.1	18.4	18.7	19.0	19.3	19.4	
45.0	19.6	19.4	19.4	19.4	19.4	19.4	19.3	19.1	
67.5	19.1	19.3	19.4	19.7	20.4	20.7	20.9	20.9	
90.0	20.6	20.3	19.7	19.4	19.1	18.8	18.7	18.7	
112.5	18.7	18.8	18.8	18.8	19.0	19.1	19.1	19.0	
135.0	18.8	18.7	18.5	18.4	18.4	18.2	18.4	18.4	
157.5	18.8	18.8	19.0	19.0	19.1	19.1	19.4	19.7	
180.0	19.9	19.9	19.9	19.9	20.0	20.0	19.7	19.4	
202.5	19.1	19.1	19.0	19.0	19.0	18.8	19.0	18.8	
225.0	18.7	18.5	18.5	18.5	18.4	18.4	18.4	18.2	
247.5	18.2	18.2	18.2	18.1	18.1	18.1	17.9	17.9	
270.0	17.9	18.1	18.1	18.2	18.5	18.7	18.7	18.8	
292.5	18.7	18.8	19.0	19.1	19.1	19.1	19.1	19.0	
315.0	19.0	19.0	19.0	18.7	18.5	18.2	18.1	18.1	
337.5	18.2	18.5	18.5	18.4	18.4	18.4	18.5	18.4	

DEPTH:	1532	TILT:	0	RANGE:	34.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	18.7	18.7	18.5	18.4	18.2	17.9	17.8	17.8	
22.5	17.9	18.2	18.4	18.5	18.8	18.8	18.8	18.8	
45.0	18.8	18.8	19.0	19.1	19.0	19.0	19.0	18.8	
67.5	19.0	19.3	19.6	19.6	20.4	20.7	20.7	20.9	
90.0	20.7	20.3	19.7	19.3	18.8	18.7	18.7	19.0	
112.5	19.0	19.0	18.8	18.8	18.8	18.7	18.8	18.8	
135.0	19.0	19.0	19.0	19.1	19.0	19.0	19.0	19.0	
157.5	19.0	19.0	19.0	19.1	19.3	19.4	19.6	19.7	
180.0	19.7	19.6	19.4	19.3	19.0	18.8	18.5	18.5	
202.5	18.2	18.1	18.1	18.1	18.2	18.4	18.5	18.7	
225.0	18.5	18.5	18.7	18.5	18.5	19.1	19.0	19.0	
247.5	19.0	19.0	18.7	18.5	18.4	18.4	18.4	18.2	
270.0	18.2	17.9	18.1	18.1	18.4	18.5	18.5	18.7	
292.5	18.7	18.7	18.7	18.5	18.5	18.7	18.5	18.7	
315.0	19.0	19.3	19.1	18.7	18.4	18.2	18.1	18.1	
337.5	17.9	18.1	18.1	18.1	18.2	18.2	18.4	18.5	

DEPTH:	1535	TILT:	0	RANGE:	24.9	VOS:	6002		
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	0.7	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	0.8	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:	1537	TILT:	0	RANGE:	34.9	VOS:	6002		
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	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
247.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
270.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
292.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
315.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
337.5	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	

DEPTH:	1538	TILT:	0	RANGE:	34.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.3	
22.5	11.0	10.9	10.9	11.0	11.2	11.3	11.6	11.6	
45.0	11.9	12.1	12.2	12.5	12.8	12.9	12.9	12.9	
67.5	12.8	12.9	12.8	12.8	12.8	12.8	12.6	12.8	
90.0	12.8	12.8	12.8	12.9	12.9	13.1	13.1	13.1	
112.5	12.9	12.9	12.9	13.2	13.7	13.8	14.3	14.6	
135.0	15.0	15.1	15.3	15.4	15.4	15.3	15.1	15.1	
157.5	15.1	15.1	15.0	15.1	15.1	15.0	15.1	15.1	
180.0	15.3	15.0	14.9	14.7	14.4	14.3	14.0	13.5	
202.5	13.4	13.4	13.2	13.2	13.2	13.2	13.4	13.2	
225.0	13.4	13.5	13.5	13.5	13.5	13.7	13.5	13.5	
247.5	13.4	13.2	12.8	12.6	12.2	11.8	11.6	11.6	
270.0	11.5	11.6	11.6	11.6	11.6	11.8	11.8	11.8	
292.5	11.9	12.1	12.1	11.9	11.8	11.6	11.5	11.3	
315.0	11.2	11.0	11.2	11.2	11.2	11.3	11.3	11.6	
337.5	11.6	11.8	12.1	11.9	11.9	11.9	11.6	11.6	

DEPTH:	1540	TILT:	0	RANGE:	34.8	VOS:	6020		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	12.6	12.5	12.5	12.6	12.5	12.5	12.5	12.5	
22.5	12.5	12.3	12.3	12.2	12.0	12.0	12.2	12.2	
45.0	12.2	12.2	12.3	12.3	12.3	12.5	12.8	12.9	
67.5	12.9	12.9	12.9	12.8	12.8	12.8	12.9	12.9	
90.0	12.9	12.9	12.9	12.9	12.9	11.9	12.0	12.0	
112.5	12.0	12.0	12.0	12.0	12.2	12.5	12.5	12.6	
135.0	12.6	12.6	12.9	12.9	13.1	13.1	13.1	13.2	
157.5	13.4	13.4	13.4	13.2	13.2	13.1	12.9	12.9	
180.0	13.1	12.9	13.1	13.1	12.9	13.1	13.1	13.1	
202.5	13.1	12.9	12.8	12.8	12.8	12.8	12.8	12.8	
225.0	12.8	12.8	12.8	12.9	12.9	13.1	13.2	13.2	
247.5	13.2	13.1	13.1	12.9	13.1	12.9	12.9	13.1	
270.0	13.1	13.1	13.1	12.9	12.8	12.8	12.5	12.3	
292.5	12.2	12.2	12.2	12.3	12.6	12.6	12.8	12.8	
315.0	12.6	12.8	12.6	12.5	12.5	12.3	12.3	12.2	
337.5	12.2	12.2	12.3	12.5	12.3	12.5	12.6	12.6	

DEPTH:	1542	TILT:	0	RANGE:	34.8	VOS:	6020		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	13.2	13.4	13.5	13.5	13.7	13.8	13.8	14.0	
22.5	14.0	14.0	13.8	13.8	13.7	13.5	13.5	13.7	
45.0	13.8	14.1	14.1	14.1	14.0	14.0	13.8	13.8	
67.5	14.0	14.0	14.1	14.1	14.4	14.5	14.7	14.3	
90.0	14.4	14.3	14.3	14.0	14.1	14.0	13.8	13.8	
112.5	13.8	13.7	13.5	13.7	13.8	13.8	13.8	14.0	
135.0	14.0	13.8	13.8	13.7	13.5	13.5	13.5	13.5	
157.5	13.7	13.5	13.5	13.7	13.7	13.7	13.7	13.5	
180.0	13.5	13.4	13.4	13.4	13.2	13.2	13.2	13.4	
202.5	13.4	13.2	13.1	13.2	13.2	13.2	13.4	13.4	
225.0	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	
247.5	13.2	13.1	13.1	13.1	13.1	12.9	12.9	12.8	
270.0	12.8	12.9	12.8	12.8	12.6	12.6	12.6	12.3	
292.5	12.3	12.5	12.6	12.8	13.1	13.2	13.2	12.9	
315.0	13.1	12.9	12.9	13.1	13.1	13.4	13.4	13.4	
337.5	13.4	13.4	13.4	13.2	13.2	13.2	13.4	13.2	

DEPTH:	1544	TILT:	0	RANGE:	34.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	13.2	13.2	13.2	13.2	13.2	13.4	13.5	13.7	
22.5	13.7	13.5	13.5	13.5	13.4	13.4	13.5	13.5	
45.0	13.7	13.7	13.5	13.4	13.4	13.5	13.5	13.7	
67.5	13.7	13.8	14.0	14.0	14.1	14.1	14.0	14.0	
90.0	13.8	13.8	14.0	13.7	13.7	13.7	13.7	13.8	
112.5	13.8	13.8	13.8	13.7	13.7	13.7	13.8	13.8	
135.0	13.8	13.8	13.7	13.5	13.4	13.4	13.4	13.4	
157.5	13.4	13.5	13.7	13.8	13.7	13.5	13.4	13.2	
180.0	13.2	13.2	13.2	13.2	13.1	13.2	13.4	13.4	
202.5	13.4	13.4	13.1	12.8	12.8	12.8	12.8	12.6	
225.0	12.6	12.5	12.6	12.5	12.6	12.6	12.8	12.8	
247.5	12.8	12.6	12.6	12.6	12.6	12.5	12.5	12.4	
270.0	12.4	12.5	12.4	12.5	12.5	12.8	12.8	12.6	
292.5	12.6	12.5	12.5	12.5	12.6	12.8	12.9	12.9	
315.0	13.2	13.4	13.4	13.5	13.4	13.2	13.2	12.9	
337.5	12.9	13.1	13.1	12.9	12.9	12.9	13.1	13.1	

DEPTH:	1545	TILT:	0	RANGE:	24.9	VOS:	6003		
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	0.8	0.7	
67.5	0.7	0.7	0.7	0.7	0.7	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	0.7	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:	1546	TILT:	0	RANGE:	34.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	13.2	13.4	13.5	13.5	13.7	13.7	13.5	13.7	
22.5	13.7	13.7	13.5	13.7	13.7	13.7	13.5	13.5	
45.0	13.5	13.5	13.7	13.7	13.8	13.8	13.8	13.8	
67.5	13.7	13.8	13.8	13.8	14.0	14.1	14.1	13.7	
90.0	13.7	13.8	14.0	13.8	13.7	13.5	13.4	13.2	
112.5	13.4	13.2	13.1	13.1	13.2	13.2	13.5	13.5	
135.0	13.7	13.7	13.7	13.7	13.5	13.4	13.4	13.4	
157.5	13.4	13.4	13.2	13.1	12.9	12.8	12.8	12.8	
180.0	12.8	12.8	12.8	12.8	12.6	12.5	12.4	12.4	
202.5	12.4	12.2	12.4	12.2	12.4	12.5	12.8	12.8	
225.0	12.9	12.9	12.8	12.8	12.8	12.6	12.6	12.6	
247.5	12.8	12.8	12.8	12.8	12.9	12.8	12.9	12.8	
270.0	12.9	12.9	12.9	12.9	12.8	12.8	12.9	13.1	
292.5	13.1	13.1	13.1	12.9	12.9	12.8	12.8	12.8	
315.0	12.8	12.8	12.8	12.9	13.1	13.1	13.4	13.2	
337.5	13.2	13.1	13.1	13.1	13.1	13.1	13.1	13.1	

DEPTH:	1548	TILT:	0	RANGE:	34.8	VOS:	6001		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	12.8	12.9	12.9	13.1	12.9	12.8	12.8	12.6	
22.5	12.6	12.8	12.8	12.8	12.9	12.8	12.8	12.5	
45.0	12.6	12.6	12.6	12.8	12.9	13.1	13.4	13.4	
67.5	13.2	13.1	13.1	12.9	12.9	12.8	12.6	12.5	
90.0	12.6	12.6	12.8	13.1	13.2	13.2	13.1	12.9	
112.5	12.8	12.8	12.6	12.6	12.6	12.6	12.8	12.8	
135.0	12.8	12.6	12.6	12.6	12.6	12.8	12.6	12.5	
157.5	12.6	12.5	12.5	12.5	12.4	12.4	12.4	12.4	
180.0	12.4	12.5	12.4	12.5	12.4	12.4	12.4	12.4	
202.5	12.4	12.2	12.2	12.2	12.1	12.1	12.1	12.1	
225.0	12.1	11.9	11.8	11.8	11.6	11.6	11.9	12.1	
247.5	12.2	12.2	12.2	12.1	12.2	12.2	12.4	12.4	
270.0	12.5	12.5	12.5	12.5	12.4	12.4	12.4	12.5	
292.5	12.4	12.2	12.1	12.2	12.1	12.4	12.5	12.6	
315.0	12.6	12.6	12.6	12.6	12.5	12.5	12.5	12.5	
337.5	12.5	12.2	12.2	12.2	12.2	12.4	12.5	12.6	

DEPTH:	1550	TILT:	0	RANGE:	34.8	VOS:	6003		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.6	11.8	11.8	11.9	11.8	11.9	11.9	12.0	
22.5	12.0	12.0	11.9	12.2	12.2	12.3	12.5	12.6	
45.0	12.8	13.1	13.1	13.1	13.1	13.1	13.2	13.2	
67.5	13.2	13.1	13.1	12.9	12.9	12.8	12.8	12.8	
90.0	12.8	12.8	12.8	12.9	12.9	12.8	12.9	12.9	
112.5	12.9	12.8	12.8	12.8	12.9	12.6	12.3	12.3	
135.0	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.5	
157.5	12.5	12.5	12.5	12.3	12.2	12.3	12.2	12.0	
180.0	11.9	11.9	11.8	11.8	11.8	11.8	11.6	11.8	
202.5	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.8	
225.0	11.9	11.9	12.0	12.2	12.2	12.2	12.2	12.2	
247.5	12.0	11.9	11.9	11.9	11.8	11.9	11.8	11.8	
270.0	11.8	11.6	11.6	11.6	11.6	11.5	11.5	11.5	
292.5	11.3	11.3	11.2	11.2	11.0	11.0	10.9	10.7	
315.0	10.9	10.9	10.9	11.0	11.3	11.5	11.8	11.9	
337.5	12.0	12.0	11.9	11.9	11.8	11.6	11.6	11.6	

DEPTH:	1552	TILT:	0	RANGE:	34.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.5	11.6	11.6	11.8	11.8	11.9	12.2	12.4	
22.5	12.4	12.4	12.2	12.2	12.1	12.2	12.2	12.2	
45.0	12.2	12.4	12.4	12.4	12.4	12.4	12.4	12.5	
67.5	12.5	12.6	12.9	13.1	12.9	12.9	12.9	12.8	
90.0	12.8	13.1	13.2	13.4	13.5	13.4	13.2	13.1	
112.5	12.9	12.8	12.6	12.6	12.5	12.2	12.2	12.2	
135.0	12.5	12.6	12.6	12.8	12.9	12.8	12.6	12.4	
157.5	12.4	12.2	12.2	12.4	12.4	12.5	12.5	12.5	
180.0	12.4	12.2	12.1	11.8	11.3	11.0	11.0	11.2	
202.5	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	
225.0	11.3	11.3	11.3	11.3	11.3	11.3	11.0	10.9	
247.5	10.9	10.9	10.9	10.9	10.9	11.0	10.9	11.0	
270.0	11.3	11.3	11.5	11.3	11.3	11.2	11.3	11.2	
292.5	11.0	10.9	10.9	10.9	10.9	11.0	11.0	11.2	
315.0	11.2	11.2	11.3	11.3	11.3	11.5	11.6	11.8	
337.5	11.8	11.8	11.8	11.8	11.8	11.9	11.8	11.6	

DEPTH:	1554	TILT:	0	RANGE:	34.8	VOS:	6020		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.8	11.8	11.8	11.9	12.0	12.2	12.3	12.2	
22.5	12.2	12.2	12.2	12.3	12.3	12.6	12.9	12.8	
45.0	12.8	12.5	12.5	12.2	12.0	12.0	11.9	12.2	
67.5	12.2	12.2	12.3	12.3	12.3	12.6	12.3	12.3	
90.0	12.3	12.3	12.5	12.6	12.6	12.6	12.6	12.6	
112.5	12.6	12.6	12.6	12.6	12.6	12.6	12.5	12.6	
135.0	12.5	12.6	12.6	12.8	13.1	13.1	12.8	12.6	
157.5	12.3	12.0	11.8	11.6	11.5	11.5	11.3	11.3	
180.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.5	
202.5	11.3	11.5	12.0	12.6	12.8	12.8	12.8	12.6	
225.0	12.8	12.6	12.5	12.2	11.9	11.8	11.8	11.8	
247.5	11.6	11.6	11.5	11.5	11.3	11.5	11.2	11.2	
270.0	11.0	11.2	11.0	11.0	11.0	11.0	11.0	11.2	
292.5	11.2	11.0	11.0	11.0	11.0	11.0	11.0	11.0	
315.0	11.2	11.2	11.2	11.3	11.3	11.5	11.5	11.6	
337.5	11.6	11.8	11.6	11.6	11.6	11.8	11.8	11.8	

DEPTH:	1556	TILT:	0	RANGE:	34.8	VOS:	6001		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.9	11.9	11.8	11.9	11.8	11.8	11.8	11.8	
22.5	11.8	11.8	11.9	12.2	12.4	12.5	12.8	13.1	
45.0	13.2	13.4	13.4	13.4	13.2	13.1	13.2	12.9	
67.5	13.1	13.2	13.2	13.2	13.1	13.1	12.9	12.8	
90.0	12.8	12.8	12.8	12.8	12.8	12.9	13.1	13.1	
112.5	13.2	13.4	13.4	13.4	13.1	12.9	12.9	12.8	
135.0	12.8	12.6	12.6	12.4	12.4	12.2	12.2	12.2	
157.5	12.2	12.2	12.2	12.4	12.4	12.4	12.5	12.4	
180.0	12.2	12.1	12.1	12.2	12.2	12.4	12.2	12.4	
202.5	12.1	12.1	11.9	11.9	12.1	11.9	11.8	11.6	
225.0	11.6	11.6	11.6	11.5	11.3	11.3	11.3	11.2	
247.5	11.3	11.2	11.2	11.2	11.2	11.3	11.3	11.6	
270.0	11.6	11.6	11.6	11.5	11.5	11.5	11.5	11.3	
292.5	11.3	11.2	11.2	11.3	11.3	11.5	11.6	11.6	
315.0	11.6	11.6	11.3	11.5	11.5	11.5	11.3	11.3	
337.5	11.3	11.3	11.5	11.5	11.6	11.6	11.6	11.8	

DEPTH:	1558	TILT:	0	RANGE:	34.8	VOS:	6020		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	10.6	10.6	10.6	10.6	10.4	10.3	10.4	10.4	
22.5	10.3	10.6	10.7	10.7	10.7	10.9	11.0	11.2	
45.0	11.5	11.5	11.8	11.9	12.0	12.3	12.5	12.6	
67.5	12.9	13.2	13.2	13.1	12.9	12.9	12.8	12.8	
90.0	12.6	12.6	12.6	12.5	12.6	12.6	12.6	12.8	
112.5	12.8	12.8	12.8	12.9	12.9	12.9	12.8	12.8	
135.0	12.8	12.8	12.9	12.8	12.8	12.6	12.8	12.6	
157.5	12.5	12.5	12.5	12.3	12.0	11.9	11.8	11.8	
180.0	11.8	11.8	11.6	11.6	11.6	11.6	11.6	11.6	
202.5	11.6	11.6	11.3	11.2	11.0	10.9	10.7	10.6	
225.0	10.7	10.7	10.6	10.6	10.6	10.4	10.6	10.6	
247.5	10.6	10.6	10.4	10.6	10.6	10.7	10.7	10.9	
270.0	10.7	10.6	10.3	10.1	10.0	9.8	9.7	9.6	
292.5	9.4	9.4	9.4	9.6	9.7	9.8	10.1	10.3	
315.0	10.4	10.6	10.6	10.6	10.6	10.6	10.6	10.4	
337.5	10.6	10.4	10.4	10.6	10.6	10.6	10.7	10.6	

DEPTH:	1560	TILT:	0	RANGE:	34.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	8.4	8.4	8.5	8.7	8.8	9.0	9.3	9.6	
22.5	9.7	9.9	10.1	10.4	10.6	11.0	11.2	11.3	
45.0	11.5	11.6	11.8	11.9	12.1	12.2	12.4	12.4	
67.5	12.5	12.4	12.4	12.4	12.4	12.4	12.4	12.6	
90.0	12.6	12.8	12.8	12.8	12.6	12.5	12.5	12.5	
112.5	12.4	12.5	12.5	12.9	12.8	12.6	12.6	12.6	
135.0	12.5	12.5	12.5	12.4	12.4	12.4	12.4	12.4	
157.5	12.1	12.1	11.9	11.8	11.8	11.8	11.8	11.8	
180.0	11.8	11.8	11.8	11.9	12.1	11.9	11.9	11.3	
202.5	11.0	10.9	10.9	11.0	11.0	11.2	11.6	11.6	
225.0	11.5	11.5	11.5	11.5	11.6	8.4	8.2	8.2	
247.5	8.2	8.2	8.1	8.1	7.9	7.9	7.9	8.1	
270.0	8.1	7.9	8.1	7.9	7.9	7.8	7.9	7.8	
292.5	7.8	7.8	7.8	7.8	7.8	7.9	8.1	8.1	
315.0	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	
337.5	8.1	8.1	7.9	7.9	7.9	7.9	7.8	8.2	

DEPTH:	1562	TILT:	0	RANGE:	34.9	VOS:	6010		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.8	6.8	6.9	7.1	7.1	7.4	7.5	7.8	
22.5	7.9	7.9	8.1	8.1	8.2	8.2	9.1	9.6	
45.0	9.9	9.7	9.9	10.0	10.0	10.1	10.1	10.3	
67.5	10.4	10.6	10.7	10.7	10.9	11.0	11.0	11.2	
90.0	11.2	11.3	11.5	11.6	11.9	12.5	12.6	12.6	
112.5	12.8	12.8	12.6	12.6	12.5	12.5	12.4	12.5	
135.0	12.6	12.8	13.1	12.9	12.8	12.5	12.2	12.1	
157.5	11.9	11.9	11.8	11.5	11.3	11.0	10.7	10.6	
180.0	10.4	10.3	10.3	10.3	10.3	10.3	10.4	10.3	
202.5	9.9	9.4	9.0	8.7	8.5	8.5	8.4	8.4	
225.0	8.4	8.2	8.2	8.1	8.1	8.1	8.1	8.1	
247.5	8.2	8.1	8.1	8.1	7.8	7.5	7.4	7.2	
270.0	6.9	6.9	6.8	6.6	6.5	6.5	6.3	6.2	
292.5	6.0	6.0	5.9	5.9	5.9	5.9	6.0	6.0	
315.0	6.0	6.0	6.0	6.0	5.9	5.9	5.9	5.9	
337.5	5.9	5.9	6.0	6.2	6.2	6.3	6.5	6.6	

DEPTH:	1564	TILT:	0	RANGE:	34.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	5.0	5.1	5.3	5.4	5.6	5.7	5.9	6.0	
22.5	6.0	6.0	6.2	6.3	6.6	6.9	7.4	7.6	
45.0	7.4	7.5	7.6	7.8	7.9	8.2	8.7	9.0	
67.5	9.6	10.1	10.9	10.7	10.1	10.0	9.9	10.1	
90.0	10.3	10.7	11.0	11.5	11.3	11.3	11.2	11.2	
112.5	11.2	11.0	11.0	10.7	10.6	10.4	10.3	10.1	
135.0	10.3	10.4	10.4	10.6	10.4	10.6	10.4	10.3	
157.5	10.3	10.3	10.1	10.0	10.0	9.7	9.1	9.0	
180.0	9.3	9.9	10.0	10.3	9.4	8.4	8.4	8.2	
202.5	8.1	7.9	7.9	7.8	7.5	7.4	7.2	6.9	
225.0	6.8	6.8	6.8	6.8	6.8	6.6	6.6	6.5	
247.5	6.3	6.0	6.0	5.9	5.9	5.7	5.7	5.7	
270.0	5.7	5.7	5.7	5.6	5.4	5.4	5.4	5.3	
292.5	5.3	5.3	5.1	5.1	5.1	5.1	5.1	5.1	
315.0	5.1	5.0	5.0	5.0	4.9	4.9	4.9	4.7	
337.5	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.0	

DEPTH:	1566	TILT:	0	RANGE:	34.8	VOS:	6000		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	10.4	10.6	10.7	11.0	11.2	11.3	11.6	11.6	
22.5	11.8	11.9	11.9	11.9	11.9	11.9	11.8	11.8	
45.0	11.8	11.8	11.9	11.9	11.9	11.9	12.1	12.1	
67.5	12.1	12.1	11.9	12.1	12.1	12.1	12.1	12.1	
90.0	12.1	11.9	12.1	12.1	12.1	12.1	12.1	12.2	
112.5	12.3	12.3	12.2	12.2	12.2	12.2	12.2	12.6	
135.0	12.6	12.2	12.2	12.2	12.2	12.2	12.1	12.1	
157.5	12.2	12.2	12.2	12.3	12.3	12.2	12.2	12.1	
180.0	12.1	11.9	11.9	11.9	11.8	11.8	11.8	11.8	
202.5	11.8	11.6	11.5	11.5	11.5	11.3	11.5	11.5	
225.0	11.5	11.6	11.6	11.8	12.1	12.3	12.5	12.5	
247.5	12.6	12.6	12.6	12.6	12.5	12.3	12.1	11.8	
270.0	11.6	11.5	11.3	11.3	11.2	11.2	10.9	10.9	
292.5	10.7	10.6	10.4	10.4	10.3	10.1	10.1	10.0	
315.0	9.8	9.6	9.6	9.4	9.3	9.3	9.3	9.3	
337.5	9.3	9.4	9.4	9.7	10.0	10.1	10.1	10.3	

DEPTH:	1568	TILT:	0	RANGE:	34.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	10.1	10.1	10.1	10.3	10.3	10.3	10.6	10.6	
22.5	10.6	10.6	10.4	10.4	10.6	10.6	10.9	11.0	
45.0	11.2	11.3	11.5	11.5	11.5	11.5	11.6	11.6	
67.5	11.6	11.8	11.6	11.8	11.8	11.8	11.8	11.8	
90.0	11.9	12.1	12.1	12.2	12.2	12.4	12.2	12.2	
112.5	12.2	12.2	12.2	12.4	12.4	12.4	12.4	12.5	
135.0	12.5	12.4	12.2	11.9	11.8	11.8	11.8	11.6	
157.5	11.6	11.8	11.8	11.9	11.8	11.8	11.8	11.9	
180.0	11.9	12.1	12.1	12.2	12.2	12.2	12.1	12.1	
202.5	12.1	11.9	11.9	11.8	11.8	11.8	11.8	11.8	
225.0	11.8	11.8	11.9	11.9	11.5	11.2	11.2	11.0	
247.5	11.2	11.2	11.2	11.3	11.3	11.3	11.2	11.3	
270.0	11.5	11.6	11.6	11.8	11.8	11.6	11.3	10.9	
292.5	10.6	10.4	10.3	10.1	10.0	10.0	10.0	10.1	
315.0	10.1	10.3	10.1	10.3	10.3	10.3	10.3	10.3	
337.5	10.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	

DEPTH:	1570	TILT:	0	RANGE:	34.8	VOS:	6004		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.0	9.0	8.8	9.0	9.0	9.0	8.8	8.7	
22.5	8.7	8.7	8.5	8.5	8.5	8.5	8.7	8.7	
45.0	8.8	9.0	9.1	9.3	9.4	9.5	9.7	9.7	
67.5	9.8	10.0	10.0	10.0	10.0	10.1	10.1	10.1	
90.0	10.3	10.3	10.6	10.7	10.9	10.9	11.0	10.9	
112.5	10.7	10.7	10.6	10.6	10.4	10.4	10.6	10.6	
135.0	11.0	11.0	11.3	11.5	11.3	11.3	11.2	11.0	
157.5	10.7	10.7	10.7	10.9	10.9	11.0	11.2	11.2	
180.0	11.0	11.2	11.2	10.3	10.3	10.1	10.0	10.0	
202.5	9.8	10.0	9.8	9.8	10.0	10.1	10.3	10.1	
225.0	10.1	10.1	10.1	10.3	10.3	10.4	10.3	10.0	
247.5	9.8	9.7	9.5	9.4	9.4	9.3	9.3	9.3	
270.0	9.1	9.1	9.1	9.1	9.1	9.0	8.8	8.7	
292.5	8.7	8.5	8.5	8.7	8.8	8.8	9.0	9.1	
315.0	9.4	9.4	9.3	9.1	9.3	9.3	9.1	9.1	
337.5	9.3	9.1	9.1	9.1	9.1	9.0	9.0	9.0	

DEPTH:	1572	TILT:	0	RANGE:	34.8	VOS:	6021		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.7	9.7	9.7	9.8	9.8	9.8	9.8	9.7	
22.5	9.8	9.8	9.7	9.7	9.8	9.8	10.0	10.1	
45.0	10.1	10.3	10.4	10.7	11.0	11.2	11.3	11.5	
67.5	11.5	11.5	11.5	11.5	11.5	11.5	11.3	11.3	
90.0	11.3	11.3	11.5	11.6	11.6	11.6	11.6	11.6	
112.5	11.6	11.6	11.6	11.8	11.9	11.9	12.0	12.0	
135.0	12.0	12.0	11.9	11.9	11.8	11.5	11.3	11.2	
157.5	11.2	11.2	11.3	11.3	11.5	11.6	11.6	11.6	
180.0	11.8	11.6	11.6	11.6	11.5	11.3	11.3	11.3	
202.5	11.3	11.3	11.3	11.3	11.3	11.3	11.5	11.5	
225.0	11.5	11.5	11.5	11.6	11.6	11.6	11.6	11.6	
247.5	11.6	11.5	11.5	11.3	11.3	11.2	11.0	10.7	
270.0	10.6	10.3	10.1	10.0	9.8	9.7	9.6	9.7	
292.5	9.6	9.6	9.7	9.8	9.8	9.8	9.8	10.0	
315.0	9.7	9.6	9.3	9.1	9.0	8.8	8.8	8.8	
337.5	8.8	8.7	8.8	9.1	9.3	9.4	9.6	9.6	

DEPTH:	1574	TILT:	0	RANGE:	34.9	VOS:	6002		
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	11.5	11.5	11.5	11.5	
22.5	11.3	11.3	11.2	11.2	11.2	11.2	11.2	11.2	
45.0	11.3	11.5	11.6	11.6	11.8	11.9	12.1	12.2	
67.5	12.2	12.4	12.6	12.9	12.9	13.1	13.2	13.4	
90.0	13.4	13.2	13.4	13.4	13.4	13.4	13.2	13.1	
112.5	13.2	13.2	13.4	13.4	13.4	13.5	13.5	13.4	
135.0	13.2	13.4	13.4	13.5	13.7	13.8	13.7	13.8	
157.5	13.7	13.7	13.5	13.5	13.4	13.4	13.4	13.4	
180.0	13.4	13.5	13.5	13.5	13.5	13.7	13.7	13.7	
202.5	13.7	13.7	13.7	13.7	13.5	13.4	13.2	13.1	
225.0	12.9	12.8	12.9	12.9	12.9	12.8	12.9	12.5	
247.5	12.4	12.2	12.1	11.9	11.9	11.9	11.8	11.6	
270.0	11.6	11.6	11.5	11.3	11.3	11.2	11.2	11.2	
292.5	11.3	11.2	11.3	11.3	11.3	11.5	11.5	11.6	
315.0	11.6	11.6	11.8	11.8	11.8	11.9	12.1	11.9	
337.5	11.8	11.6	11.8	11.8	11.8	11.6	11.6	11.6	

DEPTH:	1576	TILT:	0	RANGE:	34.8	VOS:	6013		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.4	9.4	9.6	9.6	9.6	9.6	9.6	9.6	
22.5	9.6	9.6	9.6	9.6	9.6	9.7	9.6	9.6	
45.0	9.6	9.4	9.4	9.1	9.1	9.0	9.0	8.8	
67.5	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.6	
90.0	9.6	9.6	9.6	9.8	9.8	10.0	10.1	10.1	
112.5	10.1	10.1	10.1	10.3	10.3	10.3	10.3	10.3	
135.0	10.3	10.4	10.4	10.4	10.7	10.7	10.9	11.0	
157.5	11.0	11.0	10.9	10.9	10.6	10.4	10.4	10.4	
180.0	10.4	10.6	10.6	10.6	10.4	10.4	10.4	10.6	
202.5	10.6	10.7	10.9	11.0	10.9	10.9	10.9	10.7	
225.0	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	
247.5	10.6	10.4	10.1	10.0	9.8	9.8	10.0	10.0	
270.0	10.0	10.0	10.1	10.1	10.1	10.0	10.0	10.0	
292.5	10.0	10.0	9.8	10.0	10.1	10.0	10.0	10.0	
315.0	9.8	9.8	9.7	9.7	9.7	9.8	9.7	9.7	
337.5	9.6	9.4	9.4	9.3	9.3	9.1	9.3	9.3	

DEPTH:	1578	TILT:	0	RANGE:	34.8	VOS:	6022		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	8.1	8.4	8.5	8.5	8.5	8.5	8.4	8.4	
22.5	8.4	8.4	8.4	8.4	8.4	8.4	8.5	8.5	
45.0	8.7	8.7	8.8	8.8	9.0	9.0	9.1	9.4	
67.5	9.7	10.1	10.3	10.3	10.0	9.8	9.8	9.7	
90.0	9.7	9.6	9.3	9.1	8.8	8.7	8.4	8.1	
112.5	7.8	7.8	7.5	7.5	7.3	7.5	7.3	7.3	
135.0	7.2	7.3	7.3	7.2	7.2	7.2	7.3	7.3	
157.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.8	
180.0	7.8	7.9	7.8	7.8	7.8	7.6	7.5	7.5	
202.5	7.5	7.5	7.3	7.2	7.2	7.1	7.1	7.1	
225.0	7.1	7.1	6.9	6.8	6.5	6.5	6.2	6.2	
247.5	6.2	6.3	6.8	7.6	7.9	8.1	7.8	7.6	
270.0	7.6	7.5	7.3	7.3	7.3	7.2	7.2	7.1	
292.5	7.1	7.1	6.9	6.9	6.9	6.9	6.9	6.9	
315.0	6.8	6.9	6.9	7.1	7.1	7.1	7.2	7.3	
337.5	7.5	7.5	7.5	7.5	7.6	7.6	7.8	7.9	

DEPTH:	1580	TILT:	0	RANGE:	34.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	2.6	2.6	2.6	2.8	2.8	2.8	2.9	2.6	
22.5	2.6	2.8	2.9	3.1	3.5	3.8	4.1	4.3	
45.0	4.7	4.9	5.0	5.1	5.1	5.1	5.0	5.0	
67.5	5.0	5.0	5.0	4.9	4.9	4.9	4.9	4.9	
90.0	4.9	4.9	4.9	5.0	5.0	5.0	5.1	5.1	
112.5	5.1	5.3	5.3	5.4	5.4	5.6	5.7	5.9	
135.0	6.0	6.2	6.3	6.3	6.5	6.8	6.8	6.9	
157.5	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.9	
180.0	6.9	7.1	7.1	7.1	7.2	7.2	6.9	6.8	
202.5	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.2	
225.0	7.1	7.1	7.1	7.1	7.1	6.9	6.5	6.0	
247.5	5.6	5.3	5.1	5.0	4.9	4.7	4.4	4.1	
270.0	4.0	3.8	3.5	3.4	3.4	3.1	3.1	3.1	
292.5	3.1	3.1	3.1	2.9	2.9	2.8	2.9	2.8	
315.0	2.6	2.8	2.8	2.6	2.6	2.6	2.6	2.6	
337.5	2.6	2.5	2.6	2.6	2.6	2.6	2.5	2.5	

DEPTH:	1582	TILT:	0	RANGE:	34.9	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
22.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
45.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
67.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
90.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
112.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
135.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
157.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
180.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
202.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
225.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
247.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
270.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
292.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
315.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
337.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	

DEPTH:	1587	TILT:	0	RANGE:	24.9	VOS:	6001		
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	0.7	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	0.8	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:	1589	TILT:	0	RANGE:	34.9	VOS:	6002		
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	8.4	8.5	
67.5	8.8	9.1	9.3	9.7	9.9	10.0	10.0	10.1	
90.0	10.3	10.3	10.3	10.3	10.4	10.3	10.3	10.3	
112.5	10.6	10.7	10.9	10.9	10.9	10.9	10.9	10.7	
135.0	10.9	10.6	10.7	10.9	11.0	11.2	11.2	11.2	
157.5	11.3	11.3	11.5	11.2	10.9	10.7	10.7	10.7	
180.0	10.9	10.9	10.9	10.7	10.7	10.7	10.7	10.9	
202.5	10.7	10.6	10.3	10.3	10.0	8.8	7.5	7.1	
225.0	6.8	6.3	5.7	5.1	4.9	2.9	2.6	2.6	
247.5	2.5	2.2	2.1	2.1	2.1	2.1	2.1	1.0	
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:	1591	TILT:	0	RANGE:	34.8	VOS:	6003		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	16.5	16.5	16.6	16.6	16.6	16.5	16.5	16.5	
22.5	16.2	16.0	16.0	16.2	16.3	16.5	16.6	16.7	
45.0	17.0	17.5	17.6	17.6	17.8	17.8	17.8	17.6	
67.5	17.5	17.3	17.3	17.5	17.5	17.5	17.8	17.9	
90.0	18.2	18.4	18.4	18.1	17.9	17.6	17.6	17.3	
112.5	17.0	16.9	16.9	17.0	16.7	16.7	16.6	16.6	
135.0	16.7	16.7	16.7	16.9	17.0	17.0	17.0	17.2	
157.5	17.2	17.3	17.3	17.5	17.5	17.5	17.5	17.2	
180.0	17.2	17.2	17.2	17.2	17.0	16.7	16.9	16.9	
202.5	17.0	17.0	17.0	17.2	17.3	17.5	17.3	17.3	
225.0	17.2	17.2	17.0	16.9	16.7	16.7	16.7	16.9	
247.5	17.0	17.0	17.0	17.0	17.0	17.2	17.2	17.2	
270.0	17.2	17.3	17.3	17.3	17.5	17.5	17.5	17.6	
292.5	17.8	17.8	17.8	17.6	17.6	17.6	17.6	17.6	
315.0	17.6	17.8	17.8	17.9	17.9	17.9	17.6	17.5	
337.5	17.3	17.2	17.0	16.9	16.7	16.6	16.5	16.3	

DEPTH:	1593	TILT:	0	RANGE:	34.8	VOS:	6011		
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	0.7	0.9	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	0.9	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:	1601	TILT:	0	RANGE:	34.8	VOS:	6003		
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	1.0	1.0	
22.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
45.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
67.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
90.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
112.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
135.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
157.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
180.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
202.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
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:	1602	TILT:	0	RANGE:	34.8	VOS:	6016		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	14.3	14.3	14.1	14.0	13.8	13.8	13.8	14.0	
22.5	14.1	14.0	14.1	14.1	14.0	13.8	13.8	13.8	
45.0	13.7	13.7	13.8	14.0	14.3	14.7	15.4	15.6	
67.5	15.6	15.3	15.1	15.0	14.7	14.4	14.3	14.3	
90.0	14.4	14.7	14.8	15.1	15.3	15.3	15.6	15.6	
112.5	15.6	15.7	15.7	15.7	15.9	15.9	15.9	15.6	
135.0	15.6	15.4	15.4	15.4	15.6	15.6	15.6	15.6	
157.5	15.4	15.3	15.1	15.0	15.0	15.0	14.8	15.0	
180.0	15.0	15.3	15.4	15.6	15.7	15.9	15.9	15.7	
202.5	15.6	15.4	15.4	15.4	15.3	15.3	15.1	15.3	
225.0	15.1	15.1	15.0	14.8	14.7	14.7	14.7	14.8	
247.5	15.0	15.1	15.1	15.1	15.0	15.0	15.1	15.0	
270.0	15.0	15.0	14.8	14.8	14.7	14.8	15.0	15.1	
292.5	15.1	15.0	14.8	14.6	14.3	14.1	13.8	13.7	
315.0	13.5	13.4	13.2	13.1	13.1	13.1	12.9	12.9	
337.5	12.9	13.1	13.2	13.5	13.8	14.1	14.3	14.4	

DEPTH:	1604	TILT:	0	RANGE:	34.9	VOS:	6010		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	10.0	10.0	10.0	9.9	9.9	9.9	9.7	9.6	
22.5	9.6	9.6	9.6	9.6	9.6	9.7	9.9	10.1	
45.0	10.3	10.6	10.6	10.6	10.6	10.7	10.7	10.9	
67.5	10.9	11.0	11.3	11.3	11.3	11.5	11.8	11.8	
90.0	12.1	12.1	12.4	12.5	12.6	12.8	12.6	12.6	
112.5	12.6	12.5	12.5	12.5	12.5	12.5	12.6	12.8	
135.0	12.8	12.9	12.9	12.9	13.1	13.1	13.1	12.9	
157.5	12.9	12.9	12.9	12.9	13.1	13.1	13.1	13.1	
180.0	13.1	12.9	12.9	12.8	12.8	12.8	12.8	12.8	
202.5	12.8	12.8	12.6	12.8	12.9	13.1	13.4	13.5	
225.0	13.2	12.8	12.6	12.2	11.5	10.6	10.4	10.4	
247.5	10.3	10.1	10.0	10.0	10.0	10.3	10.3	10.3	
270.0	10.1	10.1	10.0	9.9	9.9	9.9	9.9	9.9	
292.5	10.0	10.1	10.3	10.3	10.3	10.1	10.1	10.1	
315.0	10.1	10.1	10.3	10.3	10.3	10.4	10.6	10.4	
337.5	10.4	10.4	10.4	10.4	10.3	10.3	10.1	10.1	

DEPTH:	1606	TILT:	0	RANGE:	34.8	VOS:	6004		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	1.9	1.9	1.9	1.9	1.9	1.9	2.1	2.1	
22.5	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	
45.0	2.2	2.2	2.2	2.2	4.3	4.3	5.9	6.5	
67.5	7.1	7.3	7.8	7.9	8.1	8.1	8.1	8.2	
90.0	8.2	8.2	8.1	8.2	8.2	8.4	8.5	8.2	
112.5	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	
135.0	8.2	8.4	8.4	8.4	8.4	8.5	8.4	8.2	
157.5	8.2	8.1	8.1	8.1	7.9	7.9	7.9	7.9	
180.0	7.9	7.8	7.8	7.8	7.8	7.8	7.6	7.3	
202.5	6.8	5.6	5.3	5.3	5.3	5.1	5.0	5.0	
225.0	4.8	4.8	4.8	4.7	4.7	4.7	4.6	4.6	
247.5	4.4	3.8	3.5	3.4	3.2	2.9	2.8	2.6	
270.0	2.5	2.5	2.4	2.2	2.2	2.1	2.1	1.9	
292.5	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
315.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	
337.5	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.9	

DEPTH:	1608	TILT:	0	RANGE:	25.0	VOS:	6021		
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:	1610	TILT:	0	RANGE:	34.8	VOS:	6003		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.6	11.6	11.3	11.3	11.3	11.3	11.5	11.6	
22.5	11.8	11.9	12.2	12.5	12.6	12.9	13.1	13.8	
45.0	14.8	16.3	16.0	16.0	16.0	16.2	16.0	15.9	
67.5	15.9	15.7	15.3	15.1	15.1	15.1	15.0	15.1	
90.0	15.3	15.6	15.6	15.7	15.7	15.9	15.9	16.0	
112.5	15.9	16.0	16.0	16.2	16.2	16.2	16.2	16.3	
135.0	16.3	16.3	16.3	16.3	16.5	16.6	16.7	16.7	
157.5	16.6	16.5	16.3	16.2	16.2	16.2	16.3	16.3	
180.0	16.2	16.0	15.7	15.6	15.6	15.6	15.7	16.0	
202.5	16.0	15.9	15.7	15.9	15.7	15.9	15.7	15.7	
225.0	15.9	16.0	16.5	16.5	16.5	16.5	16.3	16.3	
247.5	16.2	16.0	16.0	16.0	16.0	16.2	16.3	16.2	
270.0	15.9	15.6	15.4	15.1	14.7	14.5	13.8	12.8	
292.5	12.3	12.0	11.8	11.6	11.6	11.6	11.6	11.6	
315.0	11.6	11.5	11.5	11.3	11.3	11.5	11.9	11.8	
337.5	11.8	11.8	11.9	11.9	12.0	11.9	11.9	11.9	

DEPTH:	1612	TILT:	0	RANGE:	34.8	VOS:	6003		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	13.2	13.2	13.2	13.1	12.9	12.8	12.8	12.8	
22.5	12.8	12.9	13.1	13.2	13.2	13.2	13.4	13.5	
45.0	13.5	13.8	14.5	14.7	15.0	16.0	16.2	16.0	
67.5	16.0	16.2	16.0	16.2	16.5	16.6	16.6	16.5	
90.0	16.3	16.3	16.3	16.3	16.2	16.2	16.2	16.2	
112.5	16.0	16.0	16.0	16.2	16.2	16.3	16.5	16.7	
135.0	16.7	16.6	16.6	16.5	16.3	16.2	16.2	16.0	
157.5	16.0	16.0	16.0	15.9	15.9	16.0	16.0	16.2	
180.0	16.2	16.0	16.0	15.7	15.4	15.3	15.1	15.0	
202.5	14.8	14.8	14.8	14.8	15.0	15.1	15.0	15.0	
225.0	15.0	14.8	14.7	14.4	14.4	14.4	14.4	14.2	
247.5	14.1	13.7	13.2	13.2	13.5	13.2	13.1	12.9	
270.0	12.9	12.8	12.6	12.6	12.6	12.6	12.6	12.5	
292.5	12.2	12.3	12.2	12.2	12.2	12.2	12.2	12.2	
315.0	12.2	12.3	12.3	12.5	12.6	12.8	12.6	12.6	
337.5	12.6	12.5	12.8	12.8	12.9	13.2	13.4	13.4	

DEPTH:	1614	TILT:	0	RANGE:	34.8	VOS:	6003		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	12.6	12.5	12.5	12.3	12.5	12.6	12.8	12.9	
22.5	12.9	13.2	13.2	13.2	13.2	13.2	13.2	13.2	
45.0	13.4	13.5	13.7	13.8	14.2	14.8	15.3	15.4	
67.5	15.4	15.4	15.4	15.6	15.7	15.7	15.7	16.0	
90.0	16.2	16.3	16.5	16.3	16.2	16.0	16.3	16.5	
112.5	16.6	16.5	16.5	16.5	16.5	16.3	16.2	16.0	
135.0	16.0	16.2	16.3	16.6	16.9	16.9	16.9	16.7	
157.5	16.6	16.6	16.3	16.5	16.6	16.7	16.9	16.7	
180.0	16.6	16.6	16.3	16.9	16.9	16.7	16.6	16.5	
202.5	16.6	16.6	16.5	16.3	16.3	16.2	16.0	15.9	
225.0	15.9	15.6	15.4	15.7	15.4	15.3	15.1	14.8	
247.5	14.8	14.7	14.5	14.1	13.8	13.2	13.1	12.9	
270.0	12.9	12.8	12.8	12.6	12.6	12.6	12.6	12.8	
292.5	12.9	12.9	13.1	13.1	13.1	13.1	13.1	13.2	
315.0	13.2	13.2	13.1	12.9	12.8	12.8	13.1	13.2	
337.5	13.4	13.4	13.4	13.2	13.2	13.2	13.1	12.9	

DEPTH:	1616	TILT:	0	RANGE:	34.8	VOS:	6003		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	13.4	13.2	13.4	13.4	13.4	13.4	13.2	13.4	
22.5	13.4	13.4	13.4	13.4	13.5	13.8	14.0	14.1	
45.0	14.2	14.7	15.0	15.1	15.4	15.6	15.6	15.3	
67.5	15.3	15.1	15.3	15.3	15.4	15.4	15.4	15.4	
90.0	15.4	15.6	15.7	15.9	15.9	16.0	16.0	16.0	
112.5	16.3	16.5	16.6	16.6	16.7	16.9	16.7	16.9	
135.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	
157.5	17.2	17.2	17.0	16.9	16.7	16.6	16.5	16.5	
180.0	16.5	16.5	16.2	16.2	16.0	16.0	15.9	15.7	
202.5	15.7	15.6	15.4	15.3	15.1	14.8	14.8	15.0	
225.0	15.3	15.4	15.6	15.7	15.4	15.3	15.3	15.1	
247.5	15.1	15.0	14.8	14.7	14.4	14.4	14.4	14.2	
270.0	14.2	14.1	13.8	13.7	13.4	13.4	13.2	13.1	
292.5	13.1	13.1	13.2	13.2	13.4	13.4	13.2	13.2	
315.0	12.9	13.2	13.2	13.4	13.2	13.2	13.2	13.2	
337.5	13.2	13.1	13.1	13.1	13.1	13.2	13.2	13.2	

DEPTH:	1618	TILT:	0	RANGE:	34.8	VOS:	6008		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.9	12.1	11.9	11.9	11.8	11.9	11.8	11.9	
22.5	12.1	12.2	12.3	12.3	12.5	12.5	12.3	12.5	
45.0	12.5	12.6	12.6	12.9	13.1	13.2	13.2	13.4	
67.5	13.4	13.5	13.8	14.1	14.1	14.3	14.6	14.6	
90.0	14.6	14.6	14.6	14.6	14.6	14.7	14.7	15.0	
112.5	15.0	15.0	15.0	15.0	15.3	15.4	15.4	15.7	
135.0	15.9	16.0	16.0	16.2	16.3	16.3	16.2	16.0	
157.5	15.9	16.0	16.0	16.2	16.2	16.2	16.0	15.9	
180.0	15.7	15.6	15.4	15.4	15.4	15.3	15.3	15.0	
202.5	15.0	14.8	14.7	14.8	14.8	15.0	15.1	15.3	
225.0	15.0	14.4	14.1	13.7	13.4	13.1	12.9	12.8	
247.5	12.8	12.8	12.8	12.6	12.5	12.6	12.6	12.8	
270.0	12.6	12.5	12.3	12.3	12.3	12.3	12.5	12.5	
292.5	12.5	12.3	12.3	12.2	12.1	12.1	12.1	12.1	
315.0	11.8	11.8	11.6	11.8	11.6	11.6	11.8	11.8	
337.5	11.8	11.9	12.2	12.3	12.2	12.2	12.1	12.1	

DEPTH:	1620	TILT:	0	RANGE:	34.8	VOS:	6022		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.7	9.6	9.6	9.4	9.4	9.4	9.4	9.4	
22.5	9.4	9.6	9.7	10.0	10.1	10.4	10.6	10.7	
45.0	10.9	10.7	10.9	10.9	11.0	11.2	11.3	11.8	
67.5	12.2	12.5	12.5	12.6	12.6	12.6	12.6	12.6	
90.0	12.8	12.6	12.6	12.6	12.6	12.5	12.3	12.2	
112.5	12.3	12.5	12.6	12.6	12.5	12.3	12.2	12.2	
135.0	12.2	12.2	12.5	12.6	12.6	12.8	12.8	12.8	
157.5	12.6	12.6	12.6	12.8	12.6	12.6	12.6	12.6	
180.0	12.6	12.5	12.3	12.3	12.2	12.2	12.1	12.1	
202.5	12.1	11.9	11.9	11.8	11.8	11.8	11.6	11.3	
225.0	11.2	10.9	10.7	10.4	10.3	10.1	10.0	9.8	
247.5	9.8	9.7	9.7	9.8	9.8	9.8	9.8	9.8	
270.0	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	
292.5	9.8	9.8	9.8	9.7	9.6	9.4	9.3	9.1	
315.0	9.3	9.1	9.3	9.3	9.4	9.4	9.6	9.6	
337.5	9.6	9.6	9.6	9.7	9.8	9.7	9.7	9.7	

DEPTH:	1622	TILT:	0	RANGE:	24.9	VOS:	6004		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	6.9	7.1	7.2	7.6	7.9	8.3	8.4	8.6	
22.5	8.8	8.8	8.8	8.6	8.4	8.1	8.1	8.0	
45.0	7.9	7.9	7.8	7.8	7.8	7.7	7.7	7.7	
67.5	7.7	7.8	7.9	8.0	8.1	8.4	8.5	8.7	
90.0	8.8	9.2	9.4	9.8	9.8	10.0	10.1	10.2	
112.5	10.3	10.3	10.3	10.1	10.0	10.1	10.1	10.0	
135.0	10.0	10.0	9.9	9.8	9.8	9.8	9.6	9.5	
157.5	9.4	9.4	9.3	9.2	9.2	9.2	9.2	9.1	
180.0	9.1	9.0	8.9	8.7	8.5	8.4	8.0	7.7	
202.5	7.6	7.4	7.3	7.3	7.2	7.1	7.0	7.0	
225.0	6.9	6.8	6.7	6.4	6.1	5.7	5.7	5.6	
247.5	5.6	5.5	5.5	5.5	5.3	5.2	5.2	5.3	
270.0	5.5	5.6	5.6	5.7	5.7	5.9	5.8	5.9	
292.5	5.9	6.0	5.9	6.0	6.0	6.0	6.1	6.1	
315.0	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	
337.5	6.4	6.3	6.3	6.3	6.4	6.6	6.7	6.8	

DEPTH:	1624	TILT:	0	RANGE:	24.9	VOS:	6002		
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:	1625	TILT:	0	RANGE:	24.9	VOS:	6003		
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:	1630	TILT:	0	RANGE:	49.8	VOS:	6004		
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	1.3	1.3	1.0	1.3	1.3	
22.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
45.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
67.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
90.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
112.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
135.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
157.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
180.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
202.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
225.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
247.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
270.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
292.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
315.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
337.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	

DEPTH:	1655	TILT:	0	RANGE:	49.8	VOS:	6004		
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	1.3	1.3	1.3	1.3	1.3	
22.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
45.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
67.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
90.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
112.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
135.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
157.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
180.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
202.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
225.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
247.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
270.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
292.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
315.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	
337.5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	

DEPTH:	1656	TILT:	0	RANGE:	49.8	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	18.3	18.5	18.9	18.9	18.9	19.1	19.3	19.5	
22.5	20.0	20.0	20.2	20.4	20.6	20.8	21.0	21.2	
45.0	21.4	21.2	21.2	21.4	21.6	21.6	21.6	21.6	
67.5	21.8	22.1	22.1	21.8	22.3	22.3	22.3	22.5	
90.0	22.5	22.9	23.1	23.1	22.9	22.7	22.3	22.3	
112.5	22.3	22.3	22.5	22.9	23.1	22.5	22.3	22.3	
135.0	22.3	22.3	22.3	22.3	22.3	22.1	22.1	21.8	
157.5	21.6	21.8	22.1	22.1	22.3	22.3	22.3	22.3	
180.0	22.1	21.8	21.6	21.6	21.4	21.2	21.0	21.2	
202.5	21.6	21.6	21.8	21.8	21.8	22.1	22.1	22.3	
225.0	22.3	22.3	22.3	22.3	22.7	22.7	22.9	23.1	
247.5	23.1	23.3	23.3	23.5	23.3	23.3	23.1	22.9	
270.0	23.1	22.7	22.5	22.1	21.6	21.4	20.8	20.0	
292.5	18.7	17.9	17.2	16.8	16.6	16.4	16.4	16.4	
315.0	16.4	16.6	16.6	16.6	16.6	16.8	17.0	17.0	
337.5	17.2	17.4	17.4	17.6	17.6	18.1	18.1	18.3	

DEPTH:	1657	TILT:	0	RANGE:	49.8	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	16.8	16.8	16.8	17.0	17.0	17.2	17.2	17.4	
22.5	17.4	17.6	17.6	17.6	17.6	17.6	17.9	17.9	
45.0	18.1	18.3	18.3	18.7	18.7	18.9	18.9	19.1	
67.5	19.3	19.7	20.2	20.6	21.0	21.6	22.1	22.5	
90.0	22.9	23.5	23.5	23.5	23.1	23.1	23.1	23.1	
112.5	23.1	23.1	23.1	22.9	22.7	22.9	23.1	23.1	
135.0	22.7	22.7	22.7	22.9	22.9	22.7	22.7	22.9	
157.5	23.1	23.1	23.3	22.9	23.1	22.9	22.5	22.5	
180.0	22.5	22.5	22.5	22.7	22.7	22.7	22.7	22.7	
202.5	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.7	
225.0	22.7	22.7	22.7	22.7	22.7	22.5	22.5	22.5	
247.5	22.7	22.5	22.7	22.7	22.7	22.9	22.7	22.7	
270.0	22.5	22.5	22.3	22.3	21.6	21.0	20.2	19.3	
292.5	18.5	17.9	17.6	17.2	16.8	16.6	16.4	16.4	
315.0	16.2	16.2	16.4	16.4	16.8	16.6	16.6	16.6	
337.5	16.2	16.2	16.4	16.4	16.8	16.8	16.8	16.8	

DEPTH:	1659	TILT:	0	RANGE:	49.8	VOS:	6004		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	16.6	16.6	16.8	17.0	17.0	17.0	17.0	17.0	
22.5	17.0	16.8	16.8	16.8	16.8	16.8	17.0	17.0	
45.0	17.0	17.2	17.4	17.6	18.1	18.5	18.9	19.1	
67.5	19.5	19.7	20.2	20.6	21.0	21.6	21.8	22.0	
90.0	22.3	22.5	22.5	22.5	22.7	22.7	22.7	22.7	
112.5	22.3	21.8	22.0	22.0	22.0	22.0	22.0	22.3	
135.0	22.3	22.5	22.5	22.3	22.5	22.3	22.5	22.7	
157.5	22.9	22.9	22.9	22.9	22.7	22.7	22.7	22.7	
180.0	22.9	22.9	22.9	22.7	22.7	22.7	22.5	22.5	
202.5	22.5	22.5	22.3	22.0	21.6	21.4	21.2	21.2	
225.0	21.0	20.8	20.6	20.4	20.2	19.9	19.7	19.5	
247.5	19.3	19.1	18.9	19.5	19.5	19.5	19.7	19.5	
270.0	19.7	19.5	19.3	18.7	18.7	18.3	18.3	18.1	
292.5	17.8	17.6	17.6	17.6	17.4	17.4	17.4	17.2	
315.0	17.2	17.2	17.0	16.8	16.8	16.8	16.6	16.6	
337.5	16.4	16.4	16.4	16.4	16.2	16.4	16.2	16.4	

DEPTH:	1661	TILT:	0	RANGE:	49.8	VOS:	6022		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	17.4	17.4	17.4	17.6	17.6	17.9	17.9	18.1	
22.5	17.9	17.9	18.1	18.1	18.1	18.1	18.1	18.3	
45.0	18.3	18.5	18.5	18.7	18.7	18.9	19.1	19.5	
67.5	20.0	20.4	20.6	21.6	21.8	21.8	22.3	22.7	
90.0	22.9	23.1	22.9	22.7	22.7	22.9	22.9	23.1	
112.5	23.1	23.1	23.1	23.1	23.3	23.3	23.3	23.5	
135.0	23.5	23.5	23.5	23.3	22.9	22.7	22.7	22.7	
157.5	22.9	22.9	22.9	22.9	22.9	22.9	22.5	22.5	
180.0	22.3	22.5	22.5	22.5	22.3	22.3	22.7	22.7	
202.5	22.9	22.7	22.7	21.8	21.4	20.8	20.6	20.2	
225.0	19.7	19.5	19.3	18.9	18.5	18.3	18.3	18.5	
247.5	18.5	18.9	18.7	18.5	18.1	18.1	18.1	17.9	
270.0	17.6	17.6	17.6	17.9	18.1	17.9	17.9	17.6	
292.5	17.6	17.6	17.6	17.9	17.9	17.9	17.4	17.4	
315.0	17.6	17.4	17.6	17.6	17.4	17.6	17.6	17.6	
337.5	17.6	17.9	17.9	17.9	17.6	17.6	17.4	17.4	

DEPTH:	1663	TILT:	0	RANGE:	49.8	VOS:	6003		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	17.8	18.1	18.3	18.3	18.5	18.5	18.7	18.7	
22.5	18.7	18.5	18.3	18.1	18.3	18.3	18.3	18.3	
45.0	18.3	18.7	18.7	18.9	18.7	18.9	19.1	19.5	
67.5	19.9	20.6	21.2	21.8	22.3	22.5	22.7	23.1	
90.0	23.5	23.9	23.7	24.1	23.9	23.7	23.7	23.3	
112.5	23.1	22.9	23.1	23.1	23.1	22.9	22.7	22.5	
135.0	22.3	22.0	21.6	21.6	21.6	21.6	21.6	21.2	
157.5	21.0	20.8	20.8	20.6	20.6	20.6	20.6	20.6	
180.0	20.6	20.4	20.4	20.2	19.9	19.7	19.5	19.3	
202.5	19.3	19.1	19.1	18.9	18.9	19.3	19.5	19.3	
225.0	19.3	19.3	19.3	19.3	19.3	19.5	19.7	19.5	
247.5	19.5	19.1	18.9	18.7	18.3	18.3	18.1	18.1	
270.0	17.8	17.6	17.6	17.6	17.4	17.2	17.2	17.2	
292.5	17.2	17.2	17.0	17.0	17.0	16.8	16.8	16.8	
315.0	16.8	17.0	17.2	17.6	17.6	17.6	17.6	17.4	
337.5	17.2	17.2	17.2	17.2	17.0	17.2	17.4	17.6	

DEPTH:	1665	TILT:	0	RANGE:	49.8	VOS:	6004		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	14.5	14.7	14.5	14.5	14.5	14.5	14.3	14.5	
22.5	14.3	14.3	14.3	14.1	13.9	13.9	13.9	13.9	
45.0	14.1	14.1	14.7	15.1	15.5	16.0	16.6	17.2	
67.5	17.4	18.5	19.3	19.5	19.3	20.8	21.0	21.6	
90.0	22.0	22.3	22.9	23.3	23.5	23.5	23.7	23.9	
112.5	24.1	24.4	24.4	24.6	24.4	24.1	23.9	23.7	
135.0	23.5	23.3	23.1	22.9	22.7	22.7	22.5	22.5	
157.5	22.5	22.0	21.8	21.6	21.4	21.2	21.2	21.4	
180.0	21.4	21.4	21.2	21.0	20.4	20.2	20.2	20.2	
202.5	20.2	19.9	19.7	19.7	19.5	19.5	19.5	19.3	
225.0	19.1	19.1	19.1	19.1	19.1	19.5	19.5	19.5	
247.5	19.3	18.7	18.5	17.6	17.2	17.2	17.2	17.2	
270.0	16.8	16.6	16.4	16.4	16.4	16.2	16.0	15.5	
292.5	15.1	14.9	14.7	14.5	14.3	14.3	14.1	14.1	
315.0	13.9	13.6	13.6	13.4	13.6	13.6	13.9	13.9	
337.5	13.9	13.9	13.9	13.9	14.1	14.1	14.3	14.5	

DEPTH:	1667	TILT:	0	RANGE:	49.8	VOS:	6002		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	12.4	12.4	12.4	12.6	12.6	12.8	12.8	13.0	
22.5	13.2	13.4	13.7	13.7	13.9	14.3	15.3	15.8	
45.0	15.8	16.0	16.2	16.4	16.8	17.0	17.2	17.9	
67.5	18.3	19.1	19.5	20.2	20.6	21.2	21.6	22.1	
90.0	22.1	22.1	22.1	22.3	22.5	22.5	22.7	22.7	
112.5	22.9	22.9	22.9	22.9	22.7	23.1	23.1	23.1	
135.0	22.7	22.3	22.3	22.1	21.8	21.6	21.4	21.2	
157.5	20.8	20.6	20.2	20.0	19.7	19.5	19.3	19.3	
180.0	19.3	19.1	19.1	19.1	19.1	19.5	19.5	19.3	
202.5	19.1	19.1	19.1	18.9	19.3	19.3	19.3	19.3	
225.0	19.3	19.1	19.1	19.3	19.3	19.3	19.3	18.9	
247.5	18.7	18.5	18.1	18.1	18.1	18.3	18.3	18.3	
270.0	18.5	18.5	18.5	18.3	18.3	18.1	17.9	17.9	
292.5	18.1	18.1	17.9	17.6	17.4	16.4	16.0	15.3	
315.0	14.9	14.1	13.7	13.4	13.0	12.8	12.6	12.4	
337.5	12.2	12.2	12.0	12.0	12.2	12.2	12.4	12.4	

DEPTH:	1669	TILT:	0	RANGE:	49.8	VOS:	6012		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	
22.5	11.3	11.3	11.3	11.6	11.6	11.8	12.0	12.2	
45.0	12.4	12.6	13.2	13.2	13.4	13.7	13.9	14.5	
67.5	15.3	16.2	17.2	18.5	20.2	21.2	22.1	22.5	
90.0	23.1	23.5	23.5	23.5	23.1	23.1	22.7	22.5	
112.5	22.3	22.1	21.8	21.8	21.6	21.4	21.4	21.4	
135.0	21.2	21.0	20.6	20.4	20.2	20.0	19.7	19.3	
157.5	19.1	18.9	18.9	18.9	19.1	19.1	19.1	18.9	
180.0	18.9	18.9	19.1	19.3	19.5	19.3	19.1	18.9	
202.5	18.9	18.9	18.9	18.7	18.7	18.3	18.3	18.1	
225.0	17.9	17.4	17.4	17.4	17.2	17.2	17.0	17.0	
247.5	16.8	16.8	16.6	16.6	16.4	16.2	16.0	15.8	
270.0	15.3	14.9	14.5	14.3	14.1	14.1	13.9	13.4	
292.5	13.4	12.8	12.6	12.2	12.2	11.8	11.8	11.6	
315.0	11.3	11.3	11.1	11.1	11.1	10.9	11.1	10.9	
337.5	11.1	11.1	11.1	11.3	11.1	11.3	11.3	11.3	

DEPTH:	1671	TILT:	0	RANGE:	49.8	VOS:	6004		
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	9.9	9.7	9.7	9.7	9.7	
22.5	9.7	9.7	9.7	9.7	9.9	10.1	10.5	10.9	
45.0	11.5	12.2	12.6	13.0	13.6	14.3	15.1	15.7	
67.5	16.4	17.0	17.4	18.1	18.5	18.7	18.7	19.1	
90.0	19.3	19.5	19.3	19.3	19.5	19.5	19.3	19.3	
112.5	19.3	19.3	19.5	19.3	19.3	19.1	18.9	18.9	
135.0	18.9	18.9	19.1	19.5	19.5	19.5	19.3	19.1	
157.5	19.1	18.9	18.9	18.9	18.7	18.7	18.5	18.5	
180.0	18.3	18.3	18.3	18.3	18.3	18.5	18.5	18.3	
202.5	18.1	18.1	17.6	17.8	17.8	17.8	18.1	18.1	
225.0	17.8	17.8	17.6	17.6	17.6	17.6	17.6	17.6	
247.5	17.4	17.2	17.0	17.0	17.0	16.8	17.0	17.2	
270.0	17.0	17.2	17.2	17.2	17.0	16.6	16.6	16.4	
292.5	16.6	16.4	16.2	16.0	15.5	14.7	14.3	13.6	
315.0	13.0	12.8	12.4	12.2	12.0	11.8	11.5	11.1	
337.5	10.9	10.9	10.7	10.5	10.5	10.3	10.3	10.1	

DEPTH: 1673	TILT: 0	RANGE: 49.8	VOS: 6004					
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0 15.3	15.3	15.7	16.0	16.4	16.6	16.8	16.8	
22.5 16.8	16.8	17.0	17.0	17.2	17.2	17.4	17.6	
45.0 17.6	17.8	18.1	18.3	18.7	18.9	19.3	19.3	
67.5 19.3	19.5	19.5	19.7	19.9	20.2	20.6	21.2	
90.0 21.6	22.3	22.7	23.1	23.1	23.1	22.7	22.3	
112.5 22.3	22.0	21.8	21.6	21.6	21.8	22.0	22.0	
135.0 22.3	22.7	22.9	23.1	23.1	23.1	23.1	22.9	
157.5 22.9	22.7	22.7	22.7	22.7	22.7	22.7	22.5	
180.0 22.5	22.5	22.5	22.5	22.5	22.7	22.7	22.7	
202.5 22.7	22.5	22.7	22.5	22.5	22.5	22.5	22.5	
225.0 22.5	22.7	22.7	22.7	22.5	22.7	22.7	22.7	
247.5 22.7	22.7	23.1	23.5	23.7	23.9	23.9	23.5	
270.0 23.3	23.1	22.7	22.7	22.7	22.9	22.9	22.9	
292.5 22.9	22.7	22.5	22.0	21.8	21.4	20.6	19.9	
315.0 19.5	18.9	18.7	18.3	18.1	17.8	17.2	16.8	
337.5 16.6	16.2	16.0	15.7	15.5	15.5	15.3	15.1	

DEPTH: 1675	TILT: 0	RANGE: 49.8	VOS: 6004					
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0 15.3	15.7	16.0	16.0	16.2	16.2	16.2	16.2	
22.5 16.4	16.4	17.4	17.6	17.4	17.4	17.6	17.6	
45.0 17.6	17.8	18.3	18.5	18.7	18.9	19.3	19.7	
67.5 20.2	20.6	20.6	20.6	20.8	20.8	21.0	21.0	
90.0 21.2	21.4	21.6	21.6	21.6	21.6	21.4	21.4	
112.5 21.4	21.4	21.4	21.4	21.6	21.6	21.6	21.4	
135.0 21.6	21.4	21.4	21.2	21.0	20.8	20.6	20.4	
157.5 20.2	20.2	20.2	20.2	20.2	20.2	19.7	19.3	
180.0 19.1	18.9	18.9	18.7	18.7	18.7	18.7	18.5	
202.5 18.1	17.6	17.4	17.4	17.4	17.4	17.4	17.4	
225.0 17.4	17.6	17.6	17.6	17.8	17.8	18.1	17.8	
247.5 18.1	18.1	17.8	18.3	18.3	18.3	18.3	18.3	
270.0 18.1	17.8	17.6	17.4	17.4	17.4	17.4	17.8	
292.5 17.8	17.8	17.6	17.4	17.0	16.6	16.2	16.0	
315.0 15.7	15.7	15.7	15.7	15.7	15.5	15.5	15.5	
337.5 15.7	15.7	15.7	15.5	15.5	15.3	15.3	15.3	

DEPTH: 1677	TILT: 0	RANGE: 49.8	VOS: 6004					
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0 16.4	16.6	16.6	16.8	16.8	17.0	17.2	17.2	
22.5 17.2	17.0	17.0	17.0	17.2	17.4	17.6	17.8	
45.0 18.3	18.1	18.1	17.8	18.1	18.3	18.3	18.7	
67.5 19.1	19.5	20.2	21.0	21.2	21.0	20.8	20.6	
90.0 20.6	20.4	20.6	20.8	21.0	21.0	21.2	21.2	
112.5 21.2	21.4	21.4	21.4	21.6	21.8	21.8	21.8	
135.0 21.8	21.6	21.4	21.4	21.2	20.8	20.4	20.2	
157.5 19.9	19.9	19.9	19.9	19.5	19.5	19.5	19.3	
180.0 19.1	18.7	18.7	18.3	18.1	17.8	17.6	17.6	
202.5 17.6	17.6	17.4	17.4	17.2	17.2	16.8	16.6	
225.0 16.6	16.8	17.0	17.4	17.6	17.6	17.8	17.8	
247.5 17.8	17.8	17.8	17.8	17.8	18.1	18.1	18.1	
270.0 17.8	17.6	17.6	17.4	17.4	17.2	17.2	17.2	
292.5 17.0	16.8	16.8	16.6	16.6	16.4	16.4	16.4	
315.0 16.4	16.6	16.8	17.0	17.0	17.4	17.4	17.4	
337.5 17.0	16.8	16.8	16.8	16.6	16.4	16.4	16.6	

DEPTH:	1679	TILT:	0	RANGE:	49.8	VOS:	6005		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	16.0	16.0	16.2	16.2	16.2	16.2	16.2	16.0	
22.5	16.0	15.7	15.7	15.5	15.7	16.0	16.4	16.6	
45.0	17.0	17.2	17.6	17.6	17.8	18.3	18.5	19.1	
67.5	19.9	20.6	21.2	21.8	22.0	21.6	21.0	20.6	
90.0	20.2	20.2	19.9	19.9	19.7	19.7	19.5	19.5	
112.5	19.9	20.8	21.8	22.7	23.1	23.3	23.3	23.3	
135.0	23.5	23.3	23.1	22.7	22.0	21.2	21.0	20.4	
157.5	20.2	20.2	19.9	19.7	19.5	19.5	19.5	19.5	
180.0	19.5	19.3	18.9	18.7	18.9	19.1	19.1	19.1	
202.5	18.9	18.9	18.9	18.7	18.5	18.3	18.3	18.1	
225.0	18.3	18.3	18.3	18.5	18.5	18.5	18.5	18.5	
247.5	18.3	18.3	18.1	18.1	17.8	17.6	17.6	17.6	
270.0	17.4	17.2	17.2	17.0	17.0	17.0	17.0	17.0	
292.5	17.2	17.4	17.6	17.8	17.6	17.6	17.6	17.6	
315.0	17.4	17.0	16.6	16.4	16.2	16.2	16.0	16.0	
337.5	16.0	16.0	16.0	16.0	16.0	15.7	16.0	16.0	

DEPTH:	1681	TILT:	0	RANGE:	49.8	VOS:	6013		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	13.7	13.7	13.2	13.0	12.6	12.6	12.6	12.4	
22.5	12.6	12.6	12.8	12.8	13.0	13.0	13.0	13.0	
45.0	13.2	13.2	13.7	14.1	14.7	14.9	16.2	17.2	
67.5	18.5	19.7	20.6	21.2	21.8	22.5	22.9	23.5	
90.0	23.9	24.2	24.4	24.4	24.2	24.2	24.2	23.9	
112.5	23.9	24.2	24.4	24.6	24.8	24.8	24.8	24.8	
135.0	24.8	24.6	24.6	24.4	24.2	23.9	23.9	23.7	
157.5	23.7	23.7	23.5	23.3	23.3	23.3	23.5	23.5	
180.0	23.1	22.9	21.6	20.2	18.3	16.8	15.8	14.7	
202.5	14.3	14.1	13.9	13.9	13.7	13.7	13.7	13.7	
225.0	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	
247.5	13.4	13.4	13.4	13.4	13.4	13.7	13.7	13.7	
270.0	13.7	13.4	13.4	13.4	14.9	14.9	15.1	15.1	
292.5	15.3	15.8	16.0	16.0	16.0	15.8	15.3	15.1	
315.0	15.1	14.9	14.5	14.3	14.1	13.9	13.4	13.4	
337.5	13.4	13.4	13.4	13.7	13.4	13.4	13.4	13.7	

DEPTH:	1683	TILT:	0	RANGE:	49.8	VOS:	6007		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	20.8	21.0	21.0	21.0	21.0	21.0	21.0	21.0	
22.5	21.2	21.4	21.4	21.6	21.6	21.6	21.6	21.6	
45.0	21.8	21.6	21.6	21.4	21.4	21.8	22.7	23.7	
67.5	24.4	25.0	25.2	25.2	25.2	24.8	24.6	24.4	
90.0	24.2	23.9	23.9	23.9	23.9	24.2	24.4	24.4	
112.5	24.6	25.0	25.0	25.0	24.8	24.6	24.8	24.8	
135.0	24.6	24.6	24.4	24.4	24.6	24.8	24.4	24.2	
157.5	23.7	23.5	23.5	23.7	23.9	23.9	24.2	24.4	
180.0	24.4	24.6	24.6	24.4	24.4	24.2	24.2	23.9	
202.5	23.9	23.9	23.9	23.7	23.5	23.3	22.9	22.7	
225.0	22.7	22.5	22.5	22.3	22.1	21.8	21.8	22.1	
247.5	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.4	
270.0	21.2	21.0	21.0	20.8	20.4	20.4	20.2	20.2	
292.5	20.0	20.0	20.0	19.7	19.7	19.7	20.0	20.2	
315.0	20.0	19.7	19.7	20.0	20.2	20.6	20.8	21.0	
337.5	21.2	21.4	21.4	21.2	21.0	21.0	20.8	20.8	

DEPTH:	1685	TILT:	0	RANGE:	49.8	VOS:	6014		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	9.7	9.7	9.7	9.9	9.7	9.7	9.9	10.1	
22.5	18.3	19.1	20.2	21.2	22.5	24.1	23.9	24.1	
45.0	24.4	24.6	24.6	24.4	24.1	24.1	24.1	24.4	
67.5	24.1	23.7	23.1	22.9	22.3	21.8	21.4	21.2	
90.0	20.6	20.2	19.9	19.9	19.7	19.5	19.5	19.5	
112.5	19.7	19.7	19.7	19.7	19.9	19.9	19.9	20.2	
135.0	20.6	20.6	21.0	21.4	21.6	21.8	22.0	21.8	
157.5	21.6	21.8	21.6	21.8	21.8	22.0	22.0	21.6	
180.0	21.8	21.6	21.6	21.6	21.4	21.4	21.4	21.6	
202.5	21.8	21.8	21.6	21.4	20.8	20.8	20.6	20.6	
225.0	20.6	19.9	18.3	15.7	14.5	14.3	13.6	13.2	
247.5	12.8	12.6	12.2	11.5	11.1	10.5	9.9	9.7	
270.0	9.0	8.8	8.6	8.6	8.4	8.6	8.6	8.6	
292.5	8.8	9.0	9.2	9.2	9.2	9.2	9.2	9.4	
315.0	9.4	9.2	9.4	9.2	9.2	9.2	9.2	9.2	
337.5	9.2	9.2	9.2	9.2	9.2	9.2	9.4	9.4	

DEPTH:	1687	TILT:	0	RANGE:	49.8	VOS:	6007		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	17.0	17.0	17.2	17.2	17.2	17.2	17.2	17.0	
22.5	17.0	22.9	22.9	22.7	22.7	22.5	22.7	22.9	
45.0	22.9	22.9	23.1	23.1	23.1	22.7	22.3	22.7	
67.5	22.7	22.9	22.7	23.3	23.5	23.3	23.3	23.1	
90.0	23.1	23.3	23.5	23.5	23.3	22.7	22.3	21.4	
112.5	20.8	20.6	20.2	20.2	20.2	20.0	20.0	19.5	
135.0	19.5	19.5	19.3	19.3	19.3	19.1	19.1	19.3	
157.5	19.3	19.1	19.1	19.1	18.9	18.9	19.1	19.3	
180.0	19.7	20.0	19.7	19.7	20.0	20.2	20.4	20.6	
202.5	20.6	20.4	20.4	20.6	20.6	20.6	20.6	20.4	
225.0	20.6	20.2	20.0	19.7	19.5	19.5	19.5	19.7	
247.5	19.5	19.3	19.1	18.9	18.7	18.7	18.3	18.1	
270.0	17.4	16.8	16.4	16.2	16.0	16.2	16.0	16.2	
292.5	16.2	16.0	16.0	16.0	15.8	15.8	15.8	15.8	
315.0	16.0	16.0	16.0	16.2	16.2	16.2	16.2	16.4	
337.5	16.4	16.6	16.4	16.6	16.6	16.8	16.8	16.8	

DEPTH:	1689	TILT:	0	RANGE:	74.6	VOS:	6006		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
22.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	
45.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
67.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
90.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
112.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
135.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
157.5	1.9	2.2	2.2	2.2	2.2	2.5	2.5	2.5	
180.0	2.5	2.5	2.5	2.5	2.8	2.8	2.8	2.8	
202.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	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	2.5	2.5	2.5	2.5	2.5	
270.0	2.5	2.2	2.2	2.2	2.2	2.2	2.2	1.9	
292.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
315.0	1.9	1.9	1.9	1.9	2.2	2.2	2.2	1.9	
337.5	1.9	1.9	1.9	1.9	1.9	1.9	1.6	1.6	

DEPTH: 1691	TILT: 0	RANGE: 74.7	VOS: 6007				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
22.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9
45.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
67.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9
90.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
112.5	1.9	1.9	1.9	1.9	2.2	1.9	1.9
135.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
157.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9
180.0	2.2	2.2	2.2	2.5	2.5	2.5	2.5
202.5	2.5	2.5	2.8	2.8	2.8	2.8	2.5
225.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
247.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
270.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5
292.5	2.5	2.5	2.5	2.5	2.8	2.5	2.5
315.0	2.5	2.5	2.5	2.5	2.2	2.2	2.2
337.5	2.2	2.2	2.2	2.2	2.2	1.9	1.9

DEPTH: 1693	TILT: 0	RANGE: 74.7	VOS: 6005				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	22.4	22.7	23.0	23.3	23.6	23.9	24.3
22.5	24.3	24.6	24.9	25.5	26.2	26.5	26.5
45.0	26.5	26.5	26.5	26.8	26.8	26.8	27.1
67.5	27.4	27.7	27.7	28.0	28.0	28.4	28.4
90.0	28.4	28.4	28.0	27.7	27.7	27.7	27.1
112.5	27.1	27.1	27.1	27.1	26.8	27.1	27.1
135.0	27.1	27.1	27.1	27.1	26.8	26.2	25.8
157.5	25.5	25.8	25.5	25.2	25.2	24.9	24.9
180.0	24.6	24.9	24.6	24.3	24.3	24.3	24.3
202.5	24.3	24.3	24.6	24.6	24.6	24.3	24.3
225.0	24.3	24.3	24.6	24.3	24.3	23.9	23.6
247.5	23.3	23.3	23.3	22.7	22.7	23.0	22.7
270.0	22.7	22.4	22.1	22.1	21.7	21.7	21.7
292.5	21.7	21.4	21.4	21.1	21.1	21.1	20.8
315.0	20.8	21.1	21.1	21.4	21.4	21.7	21.4
337.5	21.7	21.7	22.1	22.1	22.4	22.4	22.1

DEPTH: 1695	TILT: 0	RANGE: 74.7	VOS: 6009				
Bearing + 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7
0.0	22.7	22.7	22.7	22.7	22.7	23.0	23.6
22.5	23.9	24.3	24.6	25.2	25.2	25.2	25.8
45.0	25.8	25.8	25.8	26.2	26.5	26.5	26.8
67.5	27.1	27.4	27.7	28.4	28.7	29.0	29.0
90.0	29.3	29.0	29.0	29.0	29.3	29.3	29.6
112.5	29.3	29.6	29.6	29.9	30.2	30.2	29.9
135.0	29.9	29.6	29.3	29.0	29.0	28.7	28.7
157.5	29.0	29.0	29.0	29.0	28.4	28.4	28.4
180.0	28.0	28.0	27.7	27.7	27.1	26.8	27.1
202.5	27.1	27.1	26.8	27.1	27.1	26.8	26.5
225.0	26.2	25.8	25.5	25.5	25.2	24.6	24.3
247.5	24.3	24.3	24.3	23.9	24.3	24.3	24.6
270.0	24.6	24.3	24.3	24.3	23.9	23.9	23.6
292.5	23.6	23.6	23.3	23.0	23.3	23.0	22.7
315.0	23.0	22.7	22.7	23.0	23.0	23.0	23.3
337.5	23.3	23.3	23.3	23.0	23.0	23.0	22.7

DEPTH:	1697	TILT:	0	RANGE:	74.7	VOS:	6016		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	22.7	23.0	23.6	23.6	23.9	24.6	24.9	24.9	
22.5	25.5	25.5	25.8	26.2	25.5	25.8	25.5	25.5	
45.0	25.8	25.8	25.8	26.5	26.5	26.8	27.1	27.4	
67.5	27.7	28.0	28.4	28.4	28.4	28.4	28.4	29.0	
90.0	28.7	28.7	29.0	29.0	29.0	28.7	28.7	28.7	
112.5	28.7	28.7	28.4	28.4	28.4	28.7	28.7	28.4	
135.0	28.4	28.4	28.4	28.7	28.4	28.4	28.4	28.4	
157.5	28.0	28.0	28.4	28.4	28.0	28.0	28.4	28.4	
180.0	28.4	28.0	27.7	27.7	27.4	27.4	27.4	27.4	
202.5	27.4	27.7	27.7	27.4	27.1	26.8	26.5	26.5	
225.0	26.5	26.5	26.5	26.2	26.2	26.2	25.8	25.5	
247.5	25.2	24.9	24.3	24.3	23.9	23.6	23.3	23.3	
270.0	23.0	23.0	22.7	22.7	22.4	22.1	22.1	22.1	
292.5	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	
315.0	22.4	22.4	22.7	22.4	22.4	22.4	22.4	22.7	
337.5	22.7	22.7	22.7	22.7	22.1	22.1	22.1	22.4	

DEPTH:	1699	TILT:	0	RANGE:	74.7	VOS:	6008		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	25.2	25.5	25.5	26.1	26.8	26.8	27.1	27.1	
22.5	26.8	26.8	26.8	26.8	27.4	28.0	28.0	28.4	
45.0	28.4	28.4	28.4	28.0	28.0	28.4	28.4	28.7	
67.5	28.7	29.0	29.0	29.3	29.3	29.3	29.3	29.3	
90.0	29.3	29.3	29.6	29.3	29.3	29.0	29.0	29.0	
112.5	29.0	29.3	29.0	29.0	29.0	28.4	27.7	27.7	
135.0	27.7	28.4	28.4	28.0	28.0	28.0	28.0	27.7	
157.5	27.7	27.7	27.7	27.4	27.4	27.1	27.1	27.1	
180.0	27.1	27.1	27.1	27.4	27.4	27.7	27.1	26.8	
202.5	26.8	26.5	26.8	26.8	27.4	27.4	27.7	28.0	
225.0	28.4	28.7	29.0	29.0	28.4	27.7	26.1	25.5	
247.5	24.6	24.6	24.3	24.3	23.9	23.9	23.6	23.6	
270.0	23.6	23.3	23.0	23.0	23.0	22.7	22.7	22.7	
292.5	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.0	
315.0	23.0	23.0	23.0	23.3	23.3	23.3	23.3	23.3	
337.5	23.3	23.3	23.6	23.9	24.3	24.3	24.9	24.9	

DEPTH:	1701	TILT:	0	RANGE:	74.7	VOS:	6008		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	23.9	23.9	24.3	24.3	24.6	24.9	25.5	26.1	
22.5	26.5	26.5	26.8	27.1	27.4	27.4	27.4	27.4	
45.0	27.7	27.7	27.7	28.0	28.4	28.7	28.7	29.0	
67.5	29.0	29.3	29.6	30.2	30.2	30.2	30.6	30.6	
90.0	30.9	30.9	31.2	31.2	31.2	30.9	30.9	30.9	
112.5	30.6	30.6	30.2	30.2	30.2	30.2	30.2	30.2	
135.0	30.9	31.2	31.2	30.6	30.6	30.2	30.6	30.2	
157.5	29.9	29.9	29.6	29.6	29.3	28.7	28.7	28.7	
180.0	28.7	28.4	28.7	29.0	29.3	29.6	29.9	29.9	
202.5	30.2	30.2	29.3	28.4	27.4	26.8	26.1	25.5	
225.0	25.5	24.9	24.6	24.6	24.6	24.6	24.6	24.3	
247.5	24.3	24.3	24.3	23.9	24.3	24.3	23.9	23.6	
270.0	23.0	23.0	22.7	22.7	22.7	22.7	22.7	22.4	
292.5	23.0	23.0	23.0	23.0	23.0	22.7	22.7	22.7	
315.0	23.0	23.3	23.6	23.6	23.9	23.6	23.9	23.9	
337.5	24.3	24.3	24.3	24.3	24.3	24.3	23.9	23.9	

DEPTH:	1703	TILT:	0	RANGE:	74.7	VOS:	6009		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	24.9	25.2	25.2	24.9	25.8	26.2	26.5	27.1	
22.5	27.7	28.0	28.4	28.7	29.0	29.0	29.0	29.3	
45.0	29.6	29.6	30.2	30.6	30.9	31.2	31.2	31.2	
67.5	31.5	31.8	31.8	31.5	31.8	31.8	32.1	32.1	
90.0	32.5	32.8	32.8	32.5	32.1	31.5	31.5	31.5	
112.5	31.5	31.2	31.5	31.5	31.8	32.1	32.1	32.1	
135.0	32.5	32.1	32.1	31.8	31.8	31.5	31.5	31.8	
157.5	31.8	31.8	31.8	31.8	31.8	31.5	31.2	31.5	
180.0	31.5	31.5	31.8	31.8	32.1	32.5	32.5	32.8	
202.5	32.5	32.1	31.8	31.8	31.2	30.9	30.2	29.9	
225.0	29.6	29.3	28.4	28.4	28.0	27.4	27.1	26.8	
247.5	26.8	26.8	26.8	26.5	26.2	25.8	25.2	25.2	
270.0	25.2	25.2	24.6	24.6	24.3	24.3	23.9	24.3	
292.5	24.6	24.3	23.9	23.9	23.9	23.9	23.9	23.9	
315.0	24.3	24.3	24.3	24.3	24.3	24.6	24.9	24.9	
337.5	24.9	24.6	24.9	24.9	25.2	24.9	24.9	24.9	

DEPTH:	1705	TILT:	0	RANGE:	74.7	VOS:	6009		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	25.5	25.5	25.8	26.2	26.8	27.1	27.1	27.1	
22.5	27.1	27.4	27.4	27.4	27.7	28.4	28.7	29.0	
45.0	29.3	29.3	29.3	29.6	29.6	30.6	30.9	31.2	
67.5	31.8	32.1	32.1	32.5	32.1	32.5	32.1	32.1	
90.0	32.5	32.8	32.8	32.8	32.8	32.8	32.8	32.5	
112.5	32.5	32.5	32.5	32.1	32.1	32.1	32.1	32.1	
135.0	32.5	32.1	31.8	31.5	31.2	31.2	31.2	30.9	
157.5	31.2	31.2	31.5	31.5	31.2	31.2	31.2	31.2	
180.0	31.5	31.5	31.5	31.8	31.5	31.2	30.2	29.3	
202.5	29.0	28.4	28.0	28.0	27.7	27.7	27.4	27.7	
225.0	27.7	27.7	27.4	27.7	27.7	27.7	27.7	27.7	
247.5	27.4	27.1	26.8	26.5	26.5	26.2	25.8	25.5	
270.0	25.2	25.2	25.2	24.9	24.9	24.6	24.9	24.9	
292.5	24.9	24.6	24.3	24.3	24.3	24.3	24.3	23.9	
315.0	24.3	24.3	24.3	23.9	23.9	23.6	23.9	23.9	
337.5	24.6	24.6	24.9	24.9	25.5	25.5	25.5	25.5	

DEPTH:	1707	TILT:	0	RANGE:	74.7	VOS:	6008		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	25.2	25.8	26.5	26.8	26.8	26.8	26.8	26.8	
22.5	26.8	27.1	27.1	27.4	27.4	27.4	27.4	27.7	
45.0	28.0	28.4	29.0	29.9	30.9	31.8	32.1	32.1	
67.5	32.4	32.8	32.8	33.1	32.8	32.8	32.4	32.1	
90.0	32.1	31.8	31.5	31.8	31.8	31.8	32.1	32.4	
112.5	32.8	33.1	33.4	33.7	33.4	33.1	33.1	33.1	
135.0	33.4	33.4	33.1	33.4	33.4	33.7	33.7	33.7	
157.5	33.7	34.0	33.7	33.7	33.1	33.4	33.1	32.8	
180.0	32.4	32.1	32.1	32.1	31.8	31.8	32.1	31.8	
202.5	31.5	31.5	31.5	31.2	30.9	30.6	30.6	30.6	
225.0	30.2	29.9	29.9	29.6	29.9	29.6	29.3	29.3	
247.5	29.0	28.4	27.7	26.8	26.5	26.1	25.8	25.5	
270.0	25.5	25.8	25.5	25.5	25.5	25.5	25.2	25.2	
292.5	24.9	24.9	24.9	24.9	24.9	24.9	24.6	24.9	
315.0	24.6	24.6	24.3	24.3	24.3	24.3	24.3	24.3	
337.5	23.9	23.9	23.9	23.9	23.9	24.3	24.6	24.9	

DEPTH:	1709	TILT:	0	RANGE:	74.7	VOS:	6029		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	25.5	25.8	25.8	25.8	26.1	26.1	26.1	26.1	
22.5	26.5	26.1	26.5	26.5	26.8	26.8	27.4	27.4	
45.0	28.0	28.4	29.0	29.3	29.6	29.9	30.2	30.6	
67.5	31.2	31.2	31.2	31.5	31.5	31.8	32.8	33.4	
90.0	33.7	33.7	33.7	33.7	33.4	33.7	33.4	33.1	
112.5	33.1	32.4	32.4	32.4	32.8	32.4	32.4	32.4	
135.0	32.4	32.4	32.4	32.4	32.8	33.1	33.1	33.4	
157.5	33.4	33.7	34.0	33.7	33.7	33.7	33.7	33.4	
180.0	32.8	32.4	32.1	32.1	32.1	32.1	31.8	31.8	
202.5	31.8	31.8	31.8	31.8	32.1	32.1	32.1	31.5	
225.0	31.2	31.2	30.9	31.2	29.3	29.0	29.3	28.4	
247.5	29.0	28.7	28.4	28.0	27.4	27.1	26.8	26.1	
270.0	26.1	26.1	26.1	25.8	25.8	25.8	25.8	25.8	
292.5	25.5	25.5	25.5	25.2	24.9	24.3	24.3	24.3	
315.0	24.3	24.3	24.3	23.9	24.3	24.3	24.3	24.3	
337.5	24.6	24.9	25.2	25.5	25.5	25.5	25.5	25.5	

DEPTH:	1711	TILT:	0	RANGE:	74.7	VOS:	6027		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	24.3	23.9	23.6	23.9	24.3	24.3	24.3	24.6	
22.5	24.6	24.9	25.2	25.5	26.2	26.8	27.1	27.7	
45.0	28.0	28.7	29.3	29.6	29.6	29.9	29.6	29.6	
67.5	29.3	29.3	29.0	29.0	29.3	29.6	29.6	30.2	
90.0	29.9	29.9	29.6	29.6	29.6	29.9	29.9	30.2	
112.5	30.6	30.9	31.2	31.8	32.1	32.1	32.1	32.5	
135.0	32.5	32.5	32.5	32.5	32.5	32.1	31.8	31.5	
157.5	30.9	30.6	30.6	30.9	30.9	31.2	30.9	30.9	
180.0	30.6	30.2	29.9	29.6	29.6	29.6	29.6	29.6	
202.5	29.6	29.6	29.9	30.2	30.2	30.6	30.6	30.6	
225.0	30.6	30.9	30.9	30.9	30.9	30.2	29.9	29.6	
247.5	29.3	28.7	28.7	28.4	28.7	27.4	27.1	27.1	
270.0	26.5	26.2	25.8	25.5	25.5	25.5	25.8	25.8	
292.5	25.8	25.5	25.2	25.2	24.9	24.3	24.3	23.9	
315.0	23.9	23.6	23.6	23.6	23.3	23.6	23.6	23.9	
337.5	23.9	23.6	23.9	23.9	24.3	24.3	24.3	24.3	

DEPTH:	1713	TILT:	0	RANGE:	74.6	VOS:	6024		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	22.4	22.4	22.4	22.4	22.0	22.7	22.7	22.7	
22.5	23.0	23.3	23.3	23.0	23.3	23.0	23.0	23.0	
45.0	23.0	22.7	23.0	23.0	23.9	24.3	24.9	25.5	
67.5	25.8	26.5	27.1	27.4	27.4	27.7	27.7	28.0	
90.0	28.0	28.0	28.3	28.3	28.7	28.7	29.0	29.0	
112.5	29.6	29.6	29.9	29.6	29.9	29.6	29.3	29.3	
135.0	29.6	29.3	29.3	28.7	29.0	29.0	28.7	28.3	
157.5	28.3	28.3	28.0	28.3	28.3	28.7	29.0	29.3	
180.0	29.3	29.6	29.3	29.0	28.7	28.7	28.3	28.0	
202.5	28.0	27.7	27.4	27.4	27.1	27.1	27.1	26.8	
225.0	26.8	27.1	27.4	27.1	26.8	26.1	25.5	25.2	
247.5	24.9	24.6	24.3	24.3	23.9	23.9	23.9	23.9	
270.0	23.6	23.6	23.6	23.3	23.6	23.3	23.6	23.6	
292.5	23.6	23.6	23.3	23.3	23.3	23.0	22.7	22.7	
315.0	22.4	22.4	22.4	22.4	22.7	22.0	22.0	22.0	
337.5	21.7	21.7	21.1	21.1	21.4	22.4	22.0	22.4	

DEPTH:	1715	TILT:	0	RANGE:	74.7	VOS:	6025		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	22.0	22.4	22.7	22.7	23.0	23.0	23.0	22.7	
22.5	22.7	22.4	22.7	22.4	22.4	22.4	22.7	23.0	
45.0	23.3	23.3	23.6	23.6	23.9	24.3	24.6	24.9	
67.5	24.9	25.2	25.2	25.2	25.5	25.5	25.5	25.8	
90.0	26.5	26.8	27.1	27.4	27.4	27.7	28.0	28.0	
112.5	28.3	28.0	28.0	28.0	28.0	28.0	28.0	27.7	
135.0	27.4	27.4	27.4	27.4	27.7	27.7	27.7	27.7	
157.5	27.7	28.0	28.0	28.0	28.0	28.0	28.3	28.3	
180.0	28.7	29.0	28.7	28.7	28.7	28.7	28.3	28.3	
202.5	27.7	27.4	27.4	26.8	26.8	26.5	26.8	26.8	
225.0	26.8	26.5	26.1	25.8	25.5	25.2	24.6	24.3	
247.5	24.3	24.3	24.3	23.9	23.6	23.3	23.3	23.3	
270.0	22.7	22.7	23.0	22.7	22.4	22.7	22.4	22.4	
292.5	22.4	22.4	22.4	22.0	22.0	21.7	21.7	21.4	
315.0	21.4	21.4	21.4	21.1	21.4	21.4	21.1	21.1	
337.5	21.4	21.1	21.1	21.4	21.7	22.0	21.7	22.0	

DEPTH:	1717	TILT:	0	RANGE:	74.6	VOS:	6017		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	19.8	20.2	20.5	20.5	20.8	20.8	20.8	21.1	
22.5	21.1	21.1	21.4	21.4	21.4	21.7	22.0	21.7	
45.0	22.0	22.0	22.4	22.4	23.0	23.3	23.6	23.9	
67.5	24.3	24.3	24.3	24.3	24.3	24.6	24.9	25.2	
90.0	25.2	25.8	26.1	26.5	27.1	27.4	28.0	28.3	
112.5	28.3	28.3	28.3	28.3	28.3	28.0	28.0	28.0	
135.0	27.7	27.7	27.7	27.7	27.7	28.0	27.4	27.4	
157.5	27.4	27.1	27.1	27.1	27.1	27.1	27.1	27.1	
180.0	27.1	27.1	27.4	27.4	27.4	27.4	27.4	27.4	
202.5	27.1	27.1	26.8	26.5	26.8	26.8	26.5	26.5	
225.0	26.1	26.1	25.5	24.9	24.6	24.6	24.3	24.3	
247.5	23.9	23.9	23.3	23.0	23.3	23.0	22.4	22.0	
270.0	21.7	21.7	21.7	21.7	21.4	21.4	21.4	21.4	
292.5	21.4	21.7	21.7	21.4	21.4	21.1	20.8	20.5	
315.0	20.8	20.5	20.8	21.1	20.8	20.8	20.5	20.5	
337.5	20.5	20.2	20.2	20.2	20.2	20.5	20.2	20.2	

DEPTH:	1719	TILT:	0	RANGE:	74.7	VOS:	6026		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	20.2	20.2	20.2	20.2	20.5	20.2	20.2	20.5	
22.5	20.5	20.8	20.8	20.8	20.5	20.5	20.5	20.8	
45.0	20.5	21.1	21.1	21.4	22.1	22.1	22.7	23.0	
67.5	23.6	24.3	24.3	24.9	25.2	25.5	25.8	26.1	
90.0	26.8	27.4	28.0	28.0	28.0	28.0	28.0	28.0	
112.5	28.4	28.4	28.4	28.4	28.0	28.0	28.0	28.0	
135.0	27.7	28.0	28.0	28.4	28.4	28.7	28.7	28.7	
157.5	28.7	28.7	28.4	28.4	28.0	27.7	27.4	26.8	
180.0	26.5	26.5	26.1	25.8	26.1	26.1	26.1	26.1	
202.5	26.5	26.1	26.1	26.1	25.8	26.1	26.1	25.8	
225.0	25.2	24.9	24.9	24.6	24.3	23.9	23.3	22.7	
247.5	22.1	22.1	21.4	21.4	21.1	20.8	20.8	20.5	
270.0	20.5	20.5	20.5	20.5	20.5	20.2	20.2	20.2	
292.5	19.8	19.5	19.5	19.5	19.5	19.8	19.8	19.8	
315.0	19.8	20.2	20.2	20.2	20.2	20.2	20.2	20.2	
337.5	19.8	19.8	19.5	20.2	20.2	20.2	20.2	20.2	

DEPTH:	1721	TILT:	0	RANGE:	74.6	VOS:	6024		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	20.2	20.5	20.2	20.2	19.8	20.2	20.2	20.2	
22.5	20.2	20.5	20.5	20.2	20.2	19.8	19.5	19.8	
45.0	19.5	19.8	19.8	19.8	19.8	19.8	19.5	19.5	
67.5	18.9	18.6	18.6	18.9	19.2	19.5	20.2	21.1	
90.0	21.7	23.6	24.9	25.2	25.5	25.8	26.1	26.5	
112.5	26.8	27.1	27.1	26.8	27.1	27.1	27.1	27.1	
135.0	27.4	27.7	28.0	28.3	28.3	28.3	28.3	28.3	
157.5	28.7	29.0	29.0	28.7	28.3	28.3	27.7	27.4	
180.0	27.1	26.8	26.5	26.1	25.8	25.8	25.5	25.5	
202.5	25.2	25.2	25.2	25.2	25.5	24.9	24.9	24.6	
225.0	24.6	24.6	24.9	25.2	25.5	25.5	25.5	25.2	
247.5	24.9	23.6	23.3	22.4	22.0	21.1	20.8	20.8	
270.0	19.8	19.5	19.5	19.5	19.5	19.2	18.9	18.9	
292.5	18.6	18.9	18.6	18.9	18.9	18.9	18.9	19.2	
315.0	19.5	19.5	19.5	19.8	19.8	19.8	19.8	19.8	
337.5	19.8	19.8	19.5	19.5	19.5	19.2	19.5	19.8	

DEPTH:	1723	TILT:	0	RANGE:	74.7	VOS:	6029		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	16.4	16.7	16.4	16.4	16.4	16.4	16.4	16.4	
22.5	16.4	16.4	16.4	16.7	16.7	16.7	16.7	16.7	
45.0	16.7	16.7	17.6	18.0	18.3	18.6	18.6	18.9	
67.5	19.2	19.5	20.5	20.5	21.1	21.7	22.4	23.0	
90.0	23.6	23.9	24.6	24.9	25.2	25.2	24.9	25.5	
112.5	25.8	25.8	26.5	26.8	27.1	27.1	27.4	27.1	
135.0	27.1	26.1	26.1	26.1	29.0	30.6	31.8	32.1	
157.5	32.1	32.1	32.1	31.8	32.1	31.5	29.6	28.0	
180.0	26.5	24.9	24.6	24.3	24.3	24.3	23.9	23.9	
202.5	23.9	23.9	23.6	23.9	23.9	23.9	23.9	23.6	
225.0	23.9	23.9	24.3	24.3	24.3	24.3	24.6	24.9	
247.5	24.9	25.2	25.2	25.2	24.6	23.6	22.7	22.4	
270.0	22.4	22.1	21.7	21.4	21.1	21.1	21.4	21.7	
292.5	21.1	20.5	19.8	19.5	18.9	18.6	18.6	18.3	
315.0	18.3	18.3	18.3	18.6	18.6	18.6	18.3	18.0	
337.5	17.6	17.3	17.3	17.0	16.7	16.7	16.7	16.4	

DEPTH:	1725	TILT:	0	RANGE:	74.7	VOS:	6023		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	16.1	15.8	16.1	15.8	15.8	15.8	15.4	15.4	
22.5	15.1	15.1	15.1	15.1	15.1	14.8	14.8	15.1	
45.0	15.1	15.4	15.4	15.8	15.8	15.8	16.1	16.4	
67.5	16.7	16.7	17.0	17.3	17.3	18.0	18.0	18.6	
90.0	19.2	20.2	21.4	23.6	24.6	24.9	25.2	25.8	
112.5	25.8	25.2	25.5	25.5	25.2	25.2	24.9	24.6	
135.0	24.6	24.6	24.6	24.6	24.6	24.3	24.6	24.6	
157.5	24.6	24.6	25.2	25.8	25.8	25.5	25.5	25.2	
180.0	24.9	24.9	24.6	24.6	24.6	24.3	24.3	24.3	
202.5	23.9	23.6	23.3	23.0	22.7	22.4	22.1	22.1	
225.0	21.7	21.7	21.7	21.7	21.7	21.7	22.1	21.7	
247.5	21.7	21.7	21.4	21.4	21.4	21.7	21.7	22.1	
270.0	22.1	22.1	22.1	22.1	22.1	22.1	21.7	21.1	
292.5	20.5	19.8	18.9	18.6	18.3	18.3	18.3	18.6	
315.0	18.6	18.9	18.6	18.6	18.6	18.6	18.6	18.0	
337.5	18.0	17.6	17.3	17.0	16.7	16.4	16.1	16.1	

DEPTH:	1727	TILT:	0	RANGE:	74.7	VOS:	6032		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	18.3	18.3	18.3	18.3	18.0	18.3	18.3	18.6	
22.5	18.6	18.9	18.9	19.2	19.2	19.5	19.5	19.8	
45.0	20.2	20.5	20.5	20.8	21.1	21.4	21.4	21.7	
67.5	22.0	22.0	22.0	22.0	22.4	23.0	23.3	23.9	
90.0	24.3	24.6	24.6	24.6	24.3	24.3	24.3	24.3	
112.5	24.3	24.9	24.6	24.9	24.9	25.2	25.5	25.2	
135.0	25.5	25.5	25.5	25.8	25.8	25.8	26.1	26.1	
157.5	26.1	26.1	26.1	25.8	25.5	25.2	24.9	24.6	
180.0	24.3	23.9	23.9	23.9	23.6	23.3	23.6	23.3	
202.5	23.3	23.3	23.3	23.3	23.3	23.6	23.6	23.9	
225.0	24.3	23.9	23.9	23.9	24.3	24.3	24.3	24.3	
247.5	23.9	23.9	23.9	23.6	23.3	23.3	23.0	23.0	
270.0	23.0	23.0	23.0	22.7	22.4	22.0	21.7	21.7	
292.5	21.4	21.4	21.1	20.8	20.8	20.2	19.8	19.5	
315.0	19.5	19.2	18.6	18.6	18.6	18.3	18.3	18.0	
337.5	17.6	17.6	17.3	17.3	18.0	18.3	18.3	18.3	

DEPTH:	1729	TILT:	0	RANGE:	74.6	VOS:	6024		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	22.7	22.7	22.7	22.7	22.7	23.0	23.3	23.9	
22.5	23.9	24.3	24.6	24.9	24.9	25.2	25.2	25.5	
45.0	25.5	25.8	25.8	25.8	25.8	25.8	26.1	26.5	
67.5	26.8	27.4	28.0	29.0	29.6	29.9	30.2	30.5	
90.0	30.9	31.2	31.5	31.5	31.8	32.1	31.8	31.5	
112.5	31.5	31.5	31.8	31.8	33.1	33.4	34.0	34.3	
135.0	34.3	34.6	34.3	33.7	33.4	33.4	33.4	33.7	
157.5	33.7	33.7	33.7	33.7	33.4	33.4	33.4	33.7	
180.0	33.1	32.8	33.1	33.1	32.8	31.8	30.9	29.9	
202.5	29.3	28.7	27.7	27.4	26.1	25.5	24.6	24.3	
225.0	23.6	23.6	23.3	23.3	23.0	23.0	23.0	23.0	
247.5	23.0	23.0	23.3	23.0	23.0	23.0	23.0	23.3	
270.0	23.3	23.3	23.0	23.0	23.0	22.4	22.4	21.7	
292.5	21.7	21.4	21.4	21.7	22.0	22.7	23.0	23.3	
315.0	23.3	23.6	23.6	23.6	23.6	23.6	23.9	23.6	
337.5	23.9	23.9	23.9	23.9	23.6	23.6	23.3	22.7	

DEPTH:	1731	TILT:	0	RANGE:	74.7	VOS:	6031		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	31.2	31.5	31.2	31.2	31.2	31.2	31.5	31.5	
22.5	31.5	31.8	32.5	32.5	33.1	33.4	34.0	34.0	
45.0	34.3	34.3	34.0	34.0	33.7	33.4	33.1	32.8	
67.5	32.8	32.5	32.1	32.1	32.1	32.1	31.8	31.8	
90.0	32.1	32.1	32.1	32.5	32.5	32.8	32.8	33.1	
112.5	33.1	33.1	33.1	33.4	33.7	33.7	34.3	34.7	
135.0	35.3	35.6	35.3	35.3	35.0	35.0	35.0	35.0	
157.5	34.7	34.7	34.7	34.3	34.3	34.3	34.3	34.3	
180.0	33.7	33.4	33.4	33.1	33.1	32.8	32.8	32.8	
202.5	32.8	32.8	33.1	32.8	32.1	31.5	30.9	30.6	
225.0	30.6	30.9	31.5	31.8	31.8	32.1	32.8	33.1	
247.5	33.1	33.1	33.1	33.4	33.1	33.1	32.5	32.5	
270.0	32.1	32.1	32.1	31.8	31.8	31.8	31.5	31.5	
292.5	31.2	31.5	31.8	31.8	32.1	32.5	32.5	32.1	
315.0	32.5	32.1	31.8	31.8	31.5	31.5	31.2	31.2	
337.5	31.5	31.2	31.8	31.8	32.1	32.1	31.8	31.5	

DEPTH:	1735	TILT:	0	RANGE:	49.8	VOS:	6031		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
22.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
45.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
67.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
90.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
112.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
135.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
157.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
180.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
202.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
225.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
247.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
270.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
292.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
315.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
337.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	

DEPTH:	1741	TILT:	0	RANGE:	49.8	VOS:	6040		
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:	1744	TILT:	0	RANGE:	49.7	VOS:	6046		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
22.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
45.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
67.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
90.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
112.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
135.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
157.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
180.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
202.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
225.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
247.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
270.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
292.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
315.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
337.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	

DEPTH:	1746	TILT:	0	RANGE:	49.8	VOS:	6038		
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	19.5	19.3	19.7	19.7	19.7	
22.5	20.0	20.0	20.2	20.4	20.4	20.8	20.8	20.4	
45.0	20.0	19.7	19.5	19.3	18.9	18.7	18.9	18.7	
67.5	18.5	18.5	18.7	18.7	18.5	18.5	18.5	18.5	
90.0	18.7	18.9	19.1	19.3	19.7	19.7	20.2	20.2	
112.5	20.2	20.2	20.2	20.4	20.6	20.8	21.0	21.0	
135.0	21.2	21.4	21.4	21.2	21.0	20.8	20.4	20.2	
157.5	20.2	20.0	19.7	19.7	19.5	19.5	19.5	19.3	
180.0	19.3	19.3	19.3	19.3	19.3	19.3	19.1	18.9	
202.5	18.9	18.7	18.7	18.7	18.7	19.1	19.3	19.3	
225.0	19.3	19.5	19.7	20.0	20.2	20.4	20.6	20.4	
247.5	20.0	19.5	19.3	19.1	18.9	18.9	18.9	18.9	
270.0	18.9	19.1	18.9	19.1	18.9	19.1	18.9	18.7	
292.5	18.7	18.7	18.7	18.9	18.9	19.3	19.3	19.5	
315.0	19.5	19.5	19.3	19.3	19.1	19.1	19.3	19.3	
337.5	19.1	19.1	19.1	19.1	19.1	19.3	19.1	19.3	

DEPTH:	1748	TILT:	0	RANGE:	75.0	VOS:	6021		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	29.4	29.1	29.1	28.8	28.8	29.1	29.1	29.1	
22.5	29.1	29.4	29.4	29.4	29.7	30.0	30.0	30.0	
45.0	29.7	29.4	29.1	28.8	28.5	28.1	28.1	28.1	
67.5	27.8	27.5	27.5	27.8	28.1	28.1	28.1	28.5	
90.0	28.8	28.8	29.1	29.4	29.7	29.7	30.0	30.4	
112.5	30.7	31.0	31.3	31.3	31.3	31.3	31.6	31.9	
135.0	32.3	32.6	32.9	32.6	32.6	32.3	31.9	31.6	
157.5	31.3	31.0	30.7	30.4	30.4	30.4	30.0	29.7	
180.0	29.4	29.4	29.4	29.4	29.7	29.7	29.4	29.1	
202.5	29.1	29.1	29.1	28.8	28.8	28.8	29.1	29.1	
225.0	29.4	29.4	29.7	30.0	30.4	30.7	30.4	30.0	
247.5	30.0	29.7	29.7	29.7	29.4	29.4	29.1	29.1	
270.0	29.1	29.1	29.1	29.1	28.8	29.1	29.1	29.1	
292.5	28.8	28.8	28.5	28.5	28.8	28.8	29.1	29.1	
315.0	29.4	29.4	29.4	29.4	29.4	29.4	29.7	29.7	
337.5	29.7	29.4	29.4	29.4	29.4	29.1	29.4	29.4	

DEPTH:	1750	TILT:	0	RANGE:	24.9	VOS:	6039		
Bearing	+ 0.0	+ 2.8	+ 5.6	+ 8.4	+11.3	+14.1	+16.9	+19.7	
0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
22.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
45.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
67.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
90.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
112.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
135.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
157.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
180.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
202.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
225.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
247.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
270.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
292.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
315.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
337.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	

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 61902

COMMENTS

Operator: WESTERN REFINING COMPANY, L.P. 6500 Trowbridge Drive El Paso, TX 799053402	OGRID: 248440
	Action Number: 61902
	Action Type: [C-103] NOI General Sundry (C-103X)

COMMENTS

Created By	Comment	Comment Date
cchavez	LPG Storage Well No.1 Cavern MIT Procedure Sundry	3/2/2022

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 61902

CONDITIONS

Operator: WESTERN REFINING COMPANY, L.P. 6500 Trowbridge Drive El Paso, TX 799053402	OGRID: 248440
	Action Number: 61902
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
cchavez	Conditions of approval are: 1) Submit Chart Recorder Calibration Sheet, Clock Speed and Spring Weight Info. to the OCD at the completion of the MIT with 30-days from test date. 2) Complete Chart Info. for specified test with witness signatures. 3) Ensure system is under static conditions, formation temp. allowed to equilibrate and system is closed off after starting pressure is obtained before running test.	3/2/2022