



SOCON Sonar Well Services, Inc.

ECHO – LOG

Stearns, Inc.

KTS Brine Well No: 1
Kenna Tank Service
Crossroads, New Mexico

First SOCON Sonar Well Services Survey

02/04/2009

093012

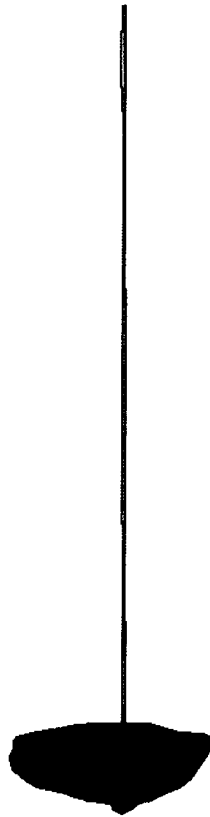
RECEIVED

MAY 05 2009

HOBBSOCD

API

30 025 35707



SOCON Sonar Well Services, Inc.

11133 I-45 South, Ste. E
Phone (936) 441-5801

Conroe, Texas 77302
Fax (936) 539-6847

e-mail: soconusa@socon.com



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

093012

02/04/2009

**Results of the Cavern Survey
by means of Echo-Sounding
in the cavern**

KTS Brine Well No: 1

Date: 02/04/2009

093012

Customer:

Stearns, Inc.

Crossroads, New Mexico

Responsible for the survey:

Surveyor:	HL Van Metre
Leadership:	Mr. Bobby Stearns
Interpreter:	HL Van Metre
Control:	Mr. Richard Lawrence



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

093012

02/04/2009

Contents

Summary of results

Legend

Enclosures:

Volume (diagrams and lists)

Diameter and radii (diagrams and lists)

Perspective views

Maximum plots (top view)

Horizontal sections

Maximum plot (side view)

Vertical sections



Summary of results

Well details

All depths are given as: MD

Datum level for all depths: surface

Shoe of the cemented 5-1/2" - casing: 2009.0 ft

Reference depth for ECHO-LOG: 2009.0 ft

Depth correction: 0.0 ft

Pressure at the well head: 0.0 psi

Details of survey equipment

Measuring vehicle used: Grey Wireline

Tools used: XN02 – R185

General details

Number of runs: 1

Measured horizontal sections: 64

Measured tilted sections: 0

Lowest survey depth: 2292.0 ft



Maximum and minimum dimensions with ref. to the measuring axis

Reference direction:

magnetic north

Determination out of 12 vertical sections derived from horizontally and tilted measured data at 15 degree intervals:

Minimum radius:	0.0 ft
Depth:	2294.0 ft
Direction:	0°

Maximum radius:	42.8 ft
Depth:	2267.0 ft
Direction:	345°

Highest point of cavern:	2009.0 ft
Horizontal distance:	0.8 ft
Direction:	0°

Lowest point of cavern:	2294.0 ft
Horizontal distance:	0.0 ft
Direction:	345°

Lowest point in the measuring axis:	2294.0 ft
-------------------------------------	-----------

Determination out of 64 horizontal sections in the depths between 2009 feet and 2292 feet at 5 degree intervals:

Maximum radius:	42.8 ft
Depth:	2267.0 ft
Direction:	345°

Maximum diameter:	78.9 ft
Depth:	2267.0 ft
Direction:	165 - 345°

Volume

Volume:	12,036.0 Bbls
---------	---------------

Depth range:	2009.0 ft <--> 2292.0 ft
--------------	--------------------------



Interpretation

Supposing a rectilinear propagation of ultrasonic waves all recorded echo travel times were converted into distances by using the subsequent speeds of sound:

4984 feet/second to 5120 feet/second in brine (measured)

In the case of recording several echoes along one trace of echo signals, the representative echo signal was selected according to the level of amplitude, transmission time, density of measured points and the shape of the cavern.

Horizontal sections

64 horizontal sections at following measured depths are included as graphical plots in this report:

2009.0 ft	2010.0 ft	2015.0 ft	2020.0 ft	2025.0 ft	2030.0 ft	2035.0 ft
2040.0 ft	2045.0 ft	2050.0 ft	2055.0 ft	2060.0 ft	2065.0 ft	2070.0 ft
2075.0 ft	2080.0 ft	2085.0 ft	2090.0 ft	2095.0 ft	2100.0 ft	2105.0 ft
2110.0 ft	2115.0 ft	2120.0 ft	2125.0 ft	2130.0 ft	2135.0 ft	2140.0 ft
2145.0 ft	2150.0 ft	2155.0 ft	2160.0 ft	2165.0 ft	2170.0 ft	2175.0 ft
2180.0 ft	2185.0 ft	2190.0 ft	2195.0 ft	2200.0 ft	2205.0 ft	2210.0 ft
2215.0 ft	2220.0 ft	2225.0 ft	2230.0 ft	2235.0 ft	2240.0 ft	2245.0 ft
2250.0 ft	2255.0 ft	2260.0 ft	2265.0 ft	2266.0 ft	2267.0 ft	2270.0 ft
2275.0 ft	2280.0 ft	2282.0 ft	2284.0 ft	2286.0 ft	2288.0 ft	2290.0 ft
2292.0 ft						

Tilted sections

0 sections recorded with tilted echo-transducer at following measured depths are presented in the vertical sections:

Vertical sections

The shape of the cavern was determined by interpretation of all horizontally and tilted measured data and is presented by 36 vertical sections in this report.



Maximum plots (top view)

The maximum plot presents the largest extension of the cavern in a top view. The first picture shows the areas of all horizontal sections and the area resulting out of the vertical sections (hatched). The resulting total area is shown in the second picture (cross hatching) together with the largest single area.

In both pictures the total centre of gravity of the cavern is shown with its distance and its direction referring to the measuring axis.

The total centre of gravity is derived out of the envelope, which is the connection line of the largest cavern extension in every direction

Perspective views

Several perspective drawings are included in this report to give a quick review of detailed relations.



LEGEND

- Measured point recorded with horizontal adjusted ultrasonic transducer
- Measured point recorded with tilted or vertical orientated ultrasonic transducer
- △ Interpolated point derived from the vertical sections
- Connection line between two measured points in order to calculate the volume
- Assumed connection line (in areas which are not sufficiently covered by measured points)
- N Magnetic north determined with compass inside the tool
(Magnetic compass in areas without tubing)
(Fibre gyro compass in areas with tubing)
- (N) Assumed north direction (for sections in magnetic disturbed surroundings without fibre gyro compass)
- a Longest extension in section
(Without considering of hidden leached pockets)
- b Longest extension in section perpendicular to a
(Without considering of hidden leached pockets)
- a/b Ratio of longest extensions in section which are perpendicular to each other
- (xx m²) Area in actual section resulting from hidden leached pockets
- r~ Average radius

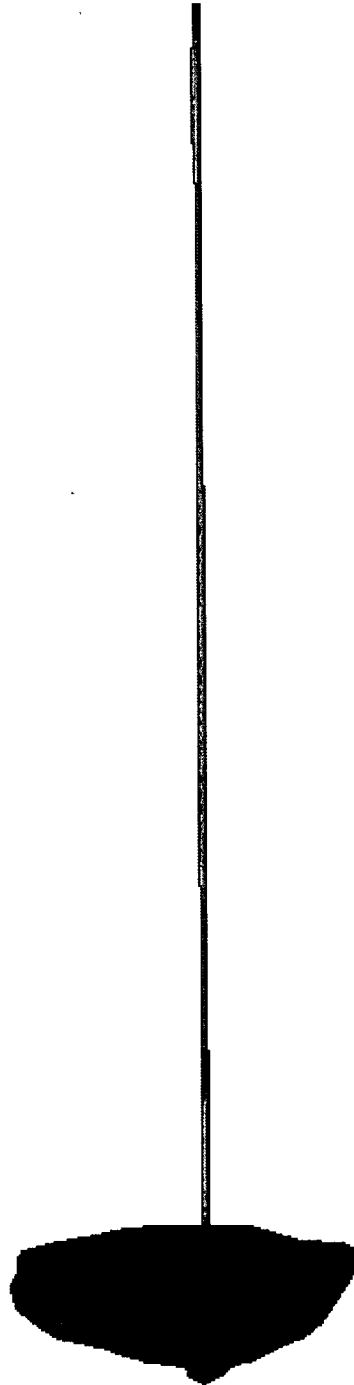


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

093012

02/04/2009



KTS Brine Well No: 1 --> 0° <--

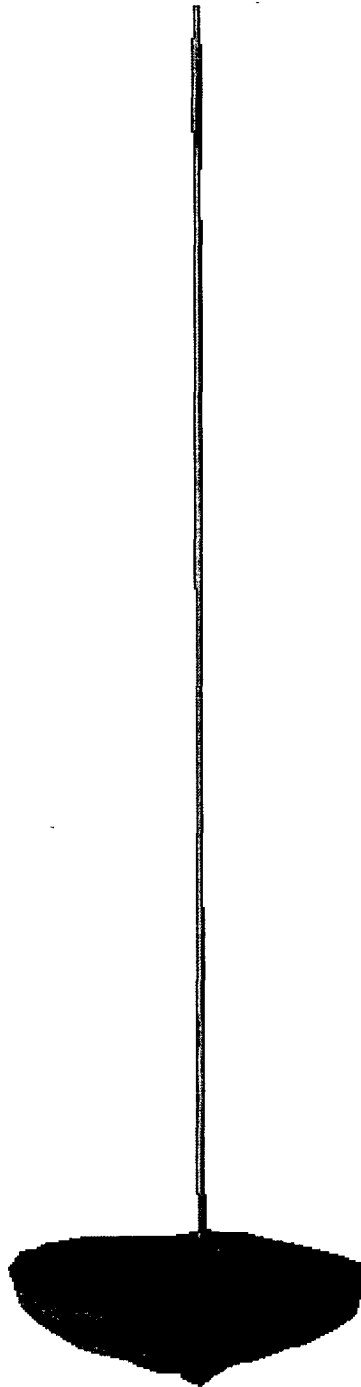


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

093012

02/04/2009



KTS Brine Well No: 1 --> 60° <--

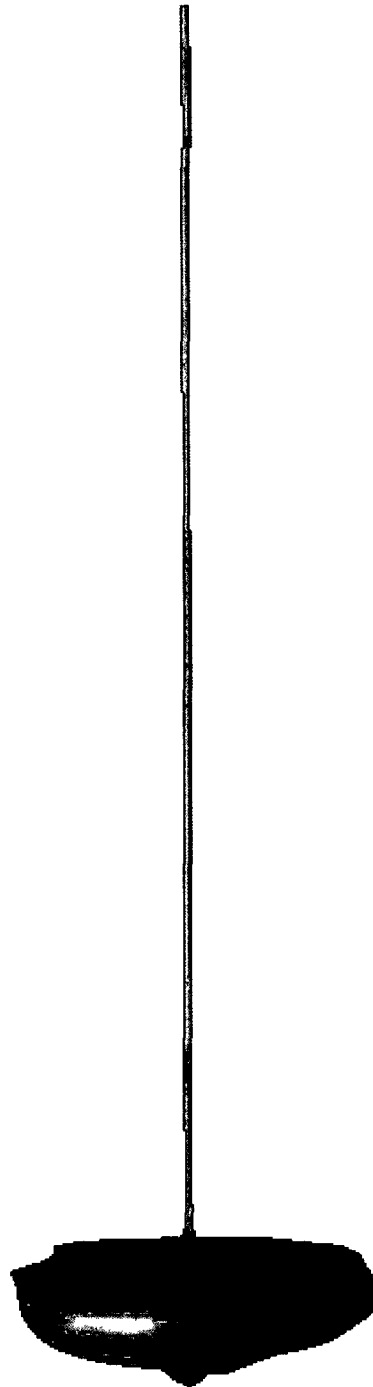


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

093012

02/04/2009



KTS Brine Well No: 1 --> 120° <--

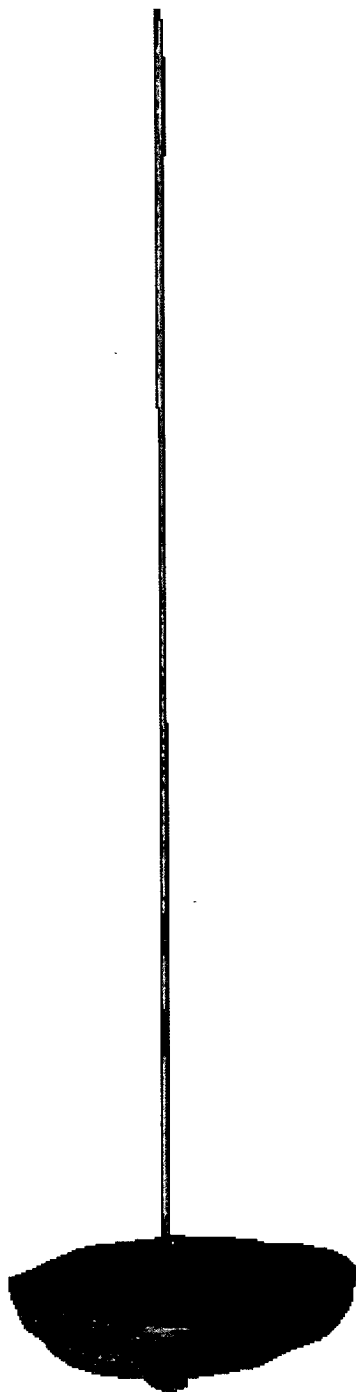


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

093012

02/04/2009



KTS Brine Well No: 1 --> 180° <--

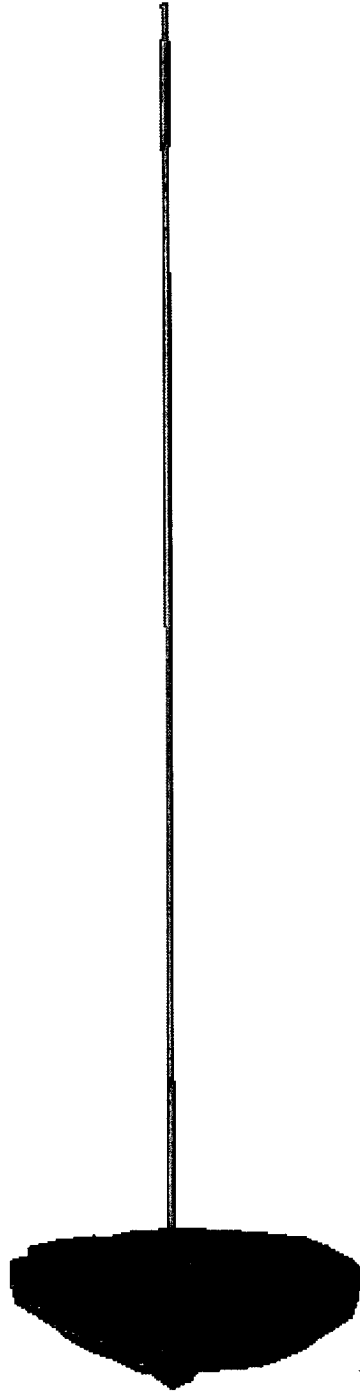


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

093012

02/04/2009



KTS Brine Well No: 1 --> 240° <--

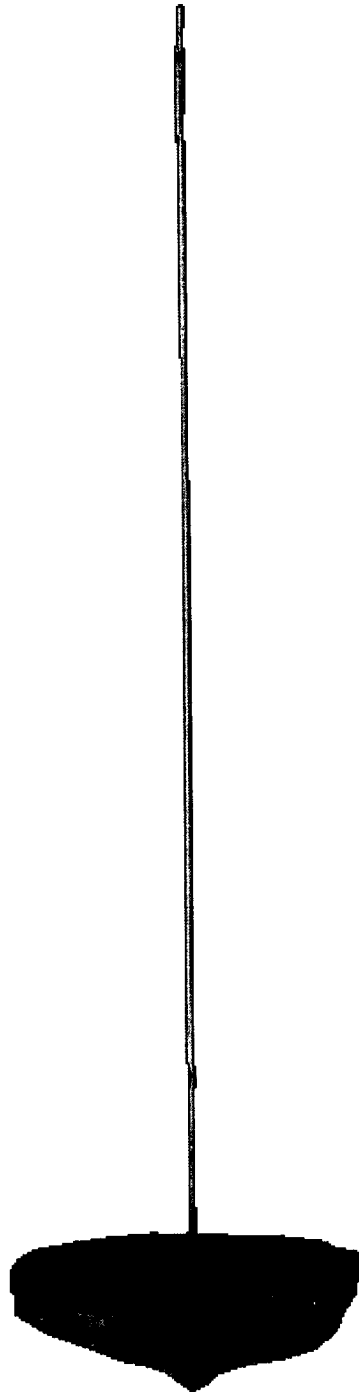


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

093012

02/04/2009



KTS Brine Well No: 1 --> 300° <--

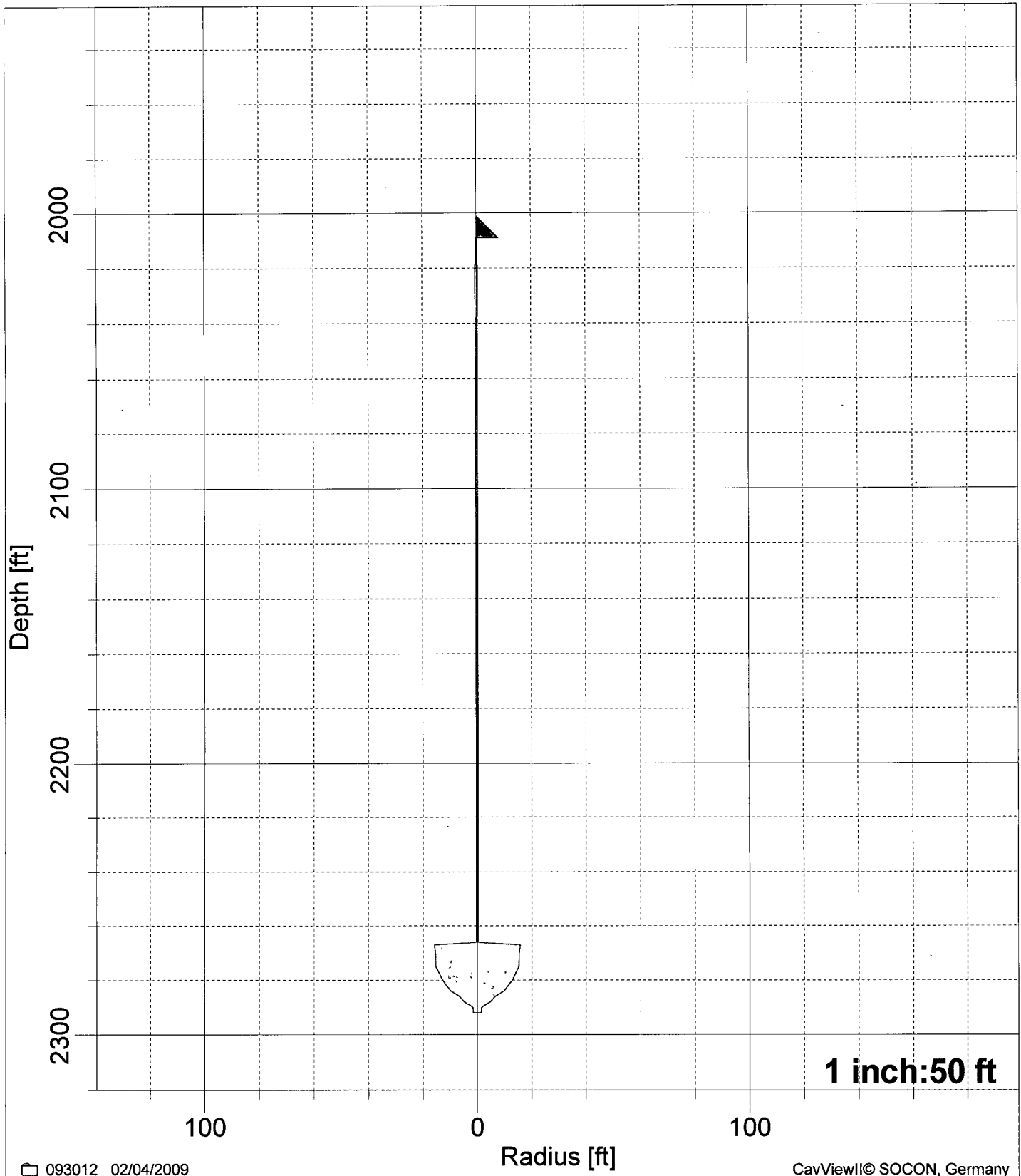


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

AVERAGE RADIUS

02/04/2009



093012 02/04/2009

CavViewII© SOCON, Germany



5-1/2" : 2009 0 ft



Average radius (02/04/2009)

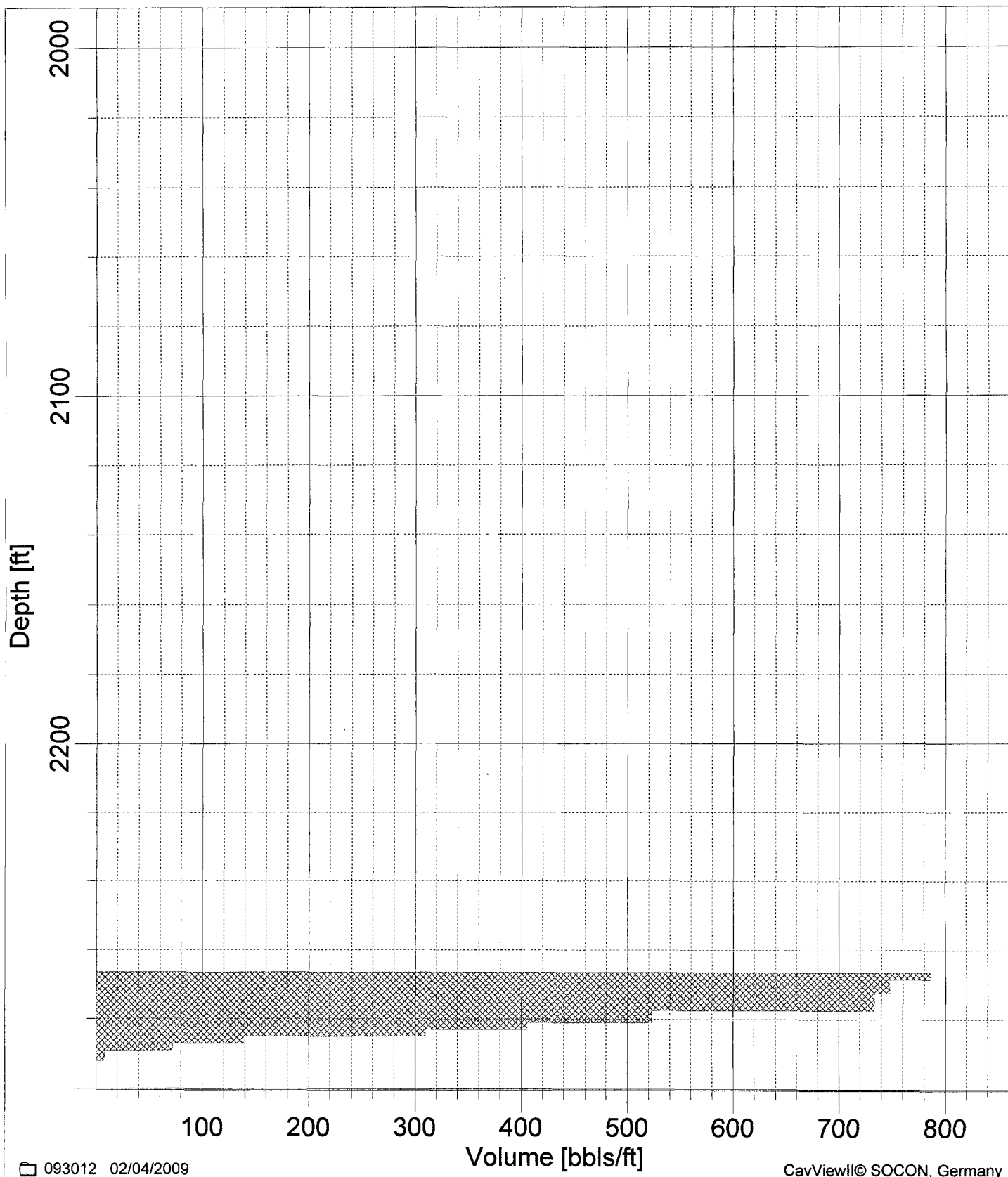


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

PARTIAL VOLUME

02/04/2009



093012 02/04/2009

CavViewII© SOCON, Germany

Partial volume



SOCON Sonar Well Services, Inc.

Volume list

KTS Brine Well No: 1

093012

02/04/2009

Depth [ft]	Radius [ft]	Area [ft ²]	Depth range [ft]		Volume [bbls]	
			from	to	partial	total
2009.0	0.8	2	2009.0	2009.5	0	0
2010.0	0.8	2	2009.5	2012.5	1	1
2015.0	0.7	2	2012.5	2017.5	1	3
2020.0	1.1	4	2017.5	2022.5	3	6
2025.0	1.2	4	2022.5	2027.5	4	10
2030.0	1.1	3	2027.5	2032.5	3	13
2035.0	1.0	3	2032.5	2037.5	3	16
2040.0	0.8	2	2037.5	2042.5	2	17
2045.0	0.8	2	2042.5	2047.5	2	19
2050.0	0.8	2	2047.5	2052.5	2	21
2055.0	0.8	2	2052.5	2057.5	2	23
2060.0	0.8	2	2057.5	2062.5	2	25
2065.0	0.8	2	2062.5	2067.5	2	27
2070.0	0.8	2	2067.5	2072.5	2	29
2075.0	0.8	2	2072.5	2077.5	2	31
2080.0	0.8	2	2077.5	2082.5	2	32
2085.0	0.8	2	2082.5	2087.5	2	34
2090.0	0.8	2	2087.5	2092.5	2	36
2095.0	0.8	2	2092.5	2097.5	2	38
2100.0	0.8	2	2097.5	2102.5	2	40
2105.0	0.8	2	2102.5	2107.5	2	42
2110.0	0.8	2	2107.5	2112.5	2	44
2115.0	0.8	2	2112.5	2117.5	2	46
2120.0	0.8	2	2117.5	2122.5	2	47
2125.0	0.8	2	2122.5	2127.5	2	49
2130.0	0.8	2	2127.5	2132.5	2	51
2135.0	0.8	2	2132.5	2137.5	2	53
2140.0	0.8	2	2137.5	2142.5	2	55
2145.0	0.8	2	2142.5	2147.5	2	57
2150.0	0.8	2	2147.5	2152.5	2	59
2155.0	0.8	2	2152.5	2157.5	2	61
2160.0	0.8	2	2157.5	2162.5	2	62
2165.0	0.8	2	2162.5	2167.5	2	64
2170.0	0.8	2	2167.5	2172.5	2	66
2175.0	0.8	2	2172.5	2177.5	2	68
2180.0	0.8	2	2177.5	2182.5	2	70
2185.0	0.8	2	2182.5	2187.5	2	72
2190.0	0.8	2	2187.5	2192.5	2	74
2195.0	0.8	2	2192.5	2197.5	2	76
2200.0	0.8	2	2197.5	2202.5	2	77
2205.0	0.8	2	2202.5	2207.5	2	79
2210.0	0.8	2	2207.5	2212.5	2	81
2215.0	0.9	2	2212.5	2217.5	2	83
2220.0	0.8	2	2217.5	2222.5	2	85



SOCON Sonar Well Services, Inc.

Volume list

KTS Brine Well No: 1

093012

02/04/2009

Depth [ft]	Radius [ft]	Area [ft ²]	Depth range [ft]		Volume [bbls]	
			from	to	partial	total
2225.0	0.8	2	2222.5	2227.5	2	87
2230.0	0.9	2	2227.5	2232.5	2	89
2235.0	0.9	2	2232.5	2237.5	2	91
2240.0	0.9	2	2237.5	2242.5	2	94
2245.0	0.9	2	2242.5	2247.5	2	96
2250.0	0.9	2	2247.5	2252.5	2	98
2255.0	0.9	2	2252.5	2257.5	2	100
2260.0	0.9	3	2257.5	2262.5	2	102
2265.0	0.9	2	2262.5	2265.5	1	104
2266.0	0.9	2	2265.5	2266.5	0	104
2267.0	37.5	4411	2266.5	2268.5	1571	1675
2270.0	36.5	4197	2268.5	2272.5	2990	4665
2275.0	36.2	4116	2272.5	2277.5	3666	8331
2280.0	30.6	2936	2277.5	2281.0	1830	10161
2282.0	26.9	2276	2281.0	2283.0	811	10971
2284.0	23.5	1739	2283.0	2285.0	619	11591
2286.0	15.7	778	2285.0	2287.0	277	11868
2288.0	11.4	405	2287.0	2289.0	144	12012
2290.0	3.8	46	2289.0	2291.0	16	12028
2292.0	3.7	42	2291.0	2292.0	8	12036

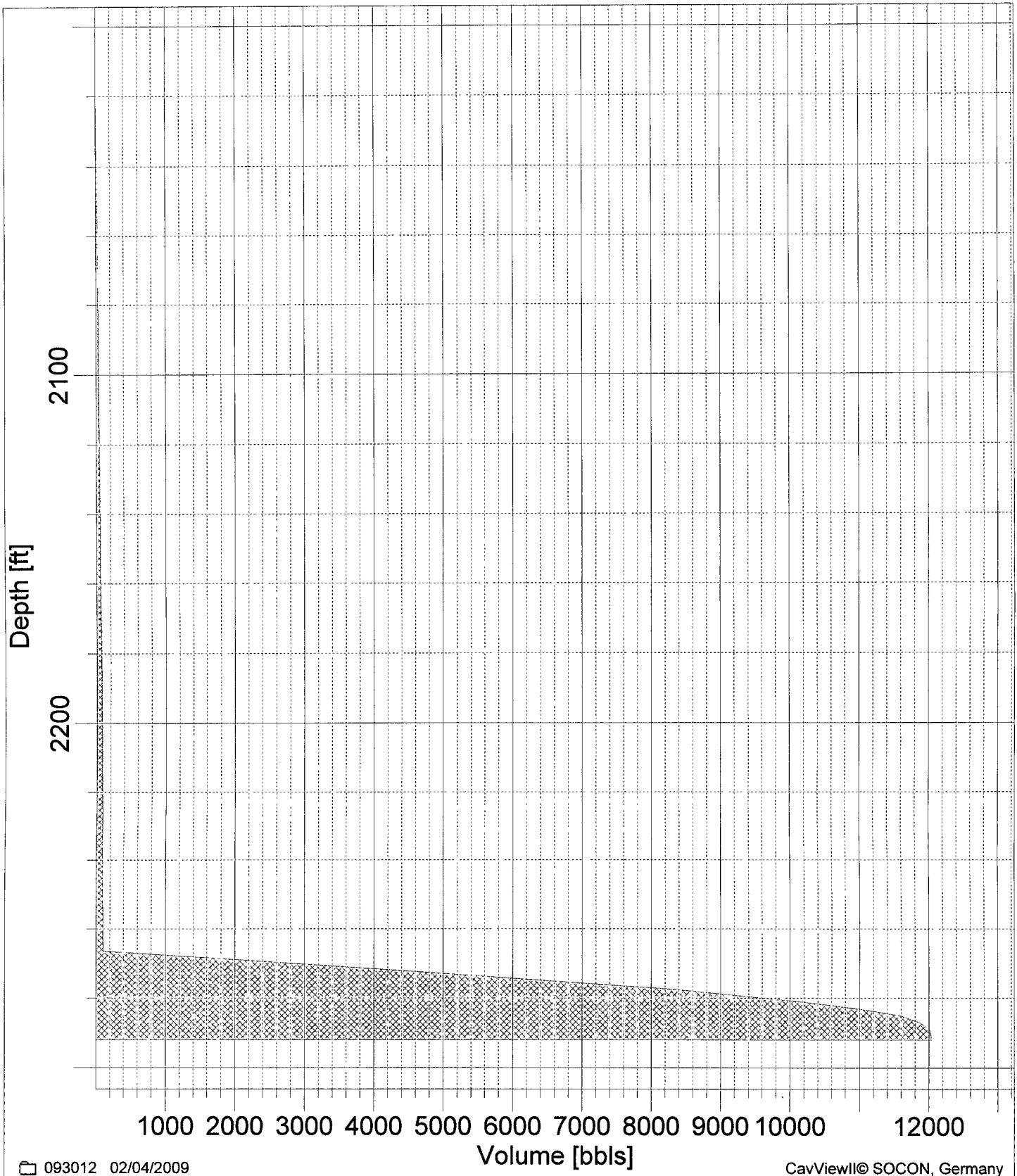


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

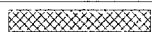
TOTAL VOLUME

02/04/2009



093012 02/04/2009

CavViewII© SOCON, Germany



Total volume = 12036.0 bbls



SOCON Sonar Well Services, Inc.

Table of volumes (foot by foot)

Job-No.: 093012, Name: KTS Brine Well No: 1, Date: 02/04/2009

depth [ft]	volume [bbls]	depth [ft]	volume [bbls]	depth [ft]	volume [bbls]	depth [ft]	volume [bbls]	depth [ft]	volume [bbls]
								2009	0
2010	0	2011	1	2012	1	2013	1	2014	2
2015	2	2016	2	2017	2	2018	3	2019	4
2020	4	2021	5	2022	6	2023	6	2024	7
2025	8	2026	9	2027	9	2028	10	2029	11
2030	11	2031	12	2032	12	2033	13	2034	14
2035	14	2036	15	2037	15	2038	16	2039	16
2040	17	2041	17	2042	17	2043	18	2044	18
2045	18	2046	19	2047	19	2048	20	2049	20
2050	20	2051	21	2052	21	2053	21	2054	22
2055	22	2056	23	2057	23	2058	23	2059	24
2060	24	2061	24	2062	25	2063	25	2064	26
2065	26	2066	26	2067	27	2068	27	2069	27
2070	28	2071	28	2072	29	2073	29	2074	29
2075	30	2076	30	2077	30	2078	31	2079	31
2080	31	2081	32	2082	32	2083	33	2084	33
2085	33	2086	34	2087	34	2088	34	2089	35
2090	35	2091	36	2092	36	2093	36	2094	37
2095	37	2096	37	2097	38	2098	38	2099	39

2100	39	2101	39	2102	40	2103	40	2104	40
2105	41	2106	41	2107	42	2108	42	2109	42
2110	43	2111	43	2112	43	2113	44	2114	44
2115	45	2116	45	2117	45	2118	46	2119	46
2120	46	2121	47	2122	47	2123	48	2124	48
2125	48	2126	49	2127	49	2128	49	2129	50
2130	50	2131	51	2132	51	2133	51	2134	52
2135	52	2136	52	2137	53	2138	53	2139	54
2140	54	2141	54	2142	55	2143	55	2144	55
2145	56	2146	56	2147	57	2148	57	2149	57
2150	58	2151	58	2152	58	2153	59	2154	59
2155	60	2156	60	2157	60	2158	61	2159	61
2160	61	2161	62	2162	62	2163	63	2164	63
2165	63	2166	64	2167	64	2168	64	2169	65
2170	65	2171	66	2172	66	2173	66	2174	67
2175	67	2176	67	2177	68	2178	68	2179	69
2180	69	2181	69	2182	70	2183	70	2184	70
2185	71	2186	71	2187	72	2188	72	2189	72
2190	73	2191	73	2192	73	2193	74	2194	74
2195	75	2196	75	2197	75	2198	76	2199	76

2200	76	2201	77	2202	77	2203	78	2204	78
2205	78	2206	79	2207	79	2208	79	2209	80
2210	80	2211	81	2212	81	2213	81	2214	82
2215	82	2216	83	2217	83	2218	83	2219	84
2220	84	2221	85	2222	85	2223	85	2224	86
2225	86	2226	87	2227	87	2228	87	2229	88
2230	88	2231	89	2232	89	2233	90	2234	90
2235	90	2236	91	2237	91	2238	92	2239	92
2240	93	2241	93	2242	93	2243	94	2244	94
2245	95	2246	95	2247	96	2248	96	2249	96

KTS Brine Well No: 1 Report number: 093012 Date: 02/04/2009



SOCON Sonar Well Services, Inc.

Table of volumes (foot by foot)

Job-No.: 093012, Name: KTS Brine Well No: 1, Date: 02/04/2009

depth [ft]	volume [bbls]	depth [ft]	volume [bbls]	depth [ft]	volume [bbls]	depth [ft]	volume [bbls]	depth [ft]	volume [bbls]
2250	97	2251	97	2252	98	2253	98	2254	99
2255	99	2256	99	2257	100	2258	100	2259	101
2260	101	2261	102	2262	102	2263	103	2264	103
2265	103	2266	104	2267	497	2268	1282	2269	2049
2270	2796	2271	3544	2272	4291	2273	5031	2274	5765
2275	6498	2276	7231	2277	7964	2278	8592	2279	9115
2280	9638	2281	10161	2282	10566	2283	10971	2284	11281
2285	11591	2286	11729	2287	11868	2288	11940	2289	12012
2290	12020	2291	12028	2292	12036				



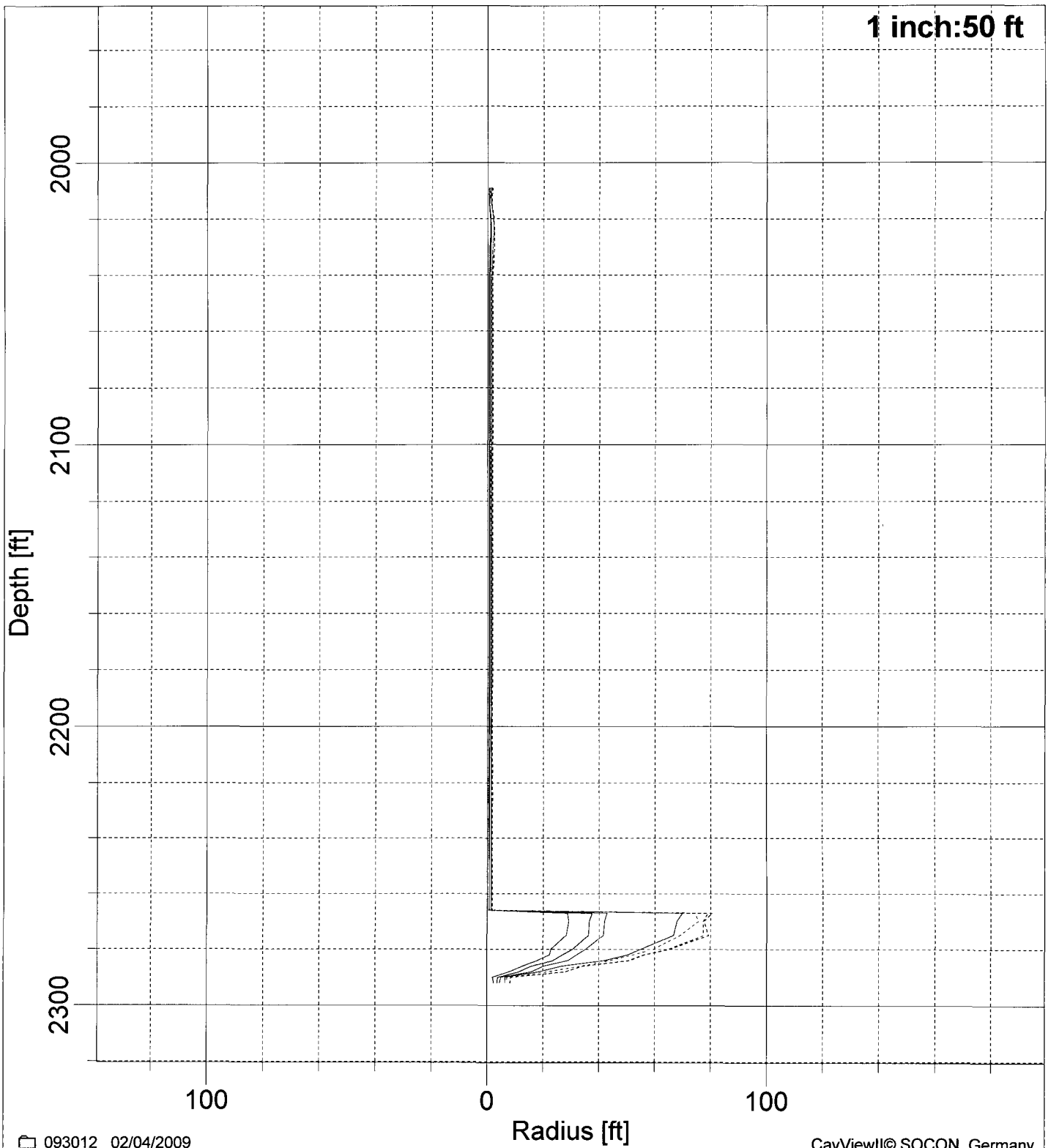
SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

RADII / DIAMETERS

02/04/2009

1 inch:50 ft



093012 02/04/2009

CavViewII© SOCON, Germany

— Average radius
— Minimum radius
— Maximum radius
— Minimum diameter
— Maximum diameter
— Largest extension
— Largest perpendicular extension



SOCON Sonar Well Services, Inc.

Table of radii and diameters

KTS Brine Well No: 1

093012

02/04/2009

Depth [ft]	Radius [MIN]		Radius [MAX]		Diameter [MIN]		[MAX]	
	[ft]	[°]	[ft]	[°]	[ft]	[°]	[ft]	[°]
2009.0	0.4	246	1.2	45	1.3	142 <-> 322	1.7	45 <-> 225
2010.0	0.4	231	1.2	45	1.2	162 <-> 342	1.7	45 <-> 225
2015.0	0.6	222	0.8	40	1.4	37 <-> 217	1.6	130 <-> 310
2020.0	1.0	252	1.2	140	2.1	72 <-> 252	2.3	140 <-> 320
2025.0	1.1	2	1.3	295	2.2	2 <-> 182	2.5	115 <-> 295
2030.0	0.8	12	1.2	110	1.8	12 <-> 192	2.4	110 <-> 290
2035.0	0.8	2	1.2	135	1.7	24 <-> 204	2.1	70 <-> 250
2040.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2045.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2050.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2055.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2060.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2065.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2070.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2075.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2080.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2085.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2090.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2095.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2100.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2105.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2110.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2115.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2120.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2125.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2130.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2135.0	0.5	216	1.2	45	1.4	127 <-> 307	1.7	20 <-> 200
2140.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2145.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2150.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2155.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2160.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2165.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2170.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2175.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2180.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2185.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2190.0	0.5	221	1.1	20	1.4	135 <-> 315	1.7	20 <-> 200
2195.0	0.5	226	1.2	55	1.5	137 <-> 317	1.7	20 <-> 200
2200.0	0.5	226	1.2	55	1.4	142 <-> 322	1.7	30 <-> 210
2205.0	0.5	221	1.2	45	1.3	17 <-> 197	1.7	35 <-> 215
2210.0	0.5	221	1.2	40	1.5	142 <-> 322	1.7	30 <-> 210
2215.0	0.5	206	1.3	45	1.5	142 <-> 322	1.8	45 <-> 225
2220.0	0.4	251	1.3	50	1.4	152 <-> 332	1.8	50 <-> 230



SOCON Sonar Well Services, Inc.

Table of radii and diameters

KTS Brine Well No: 1

093012

02/04/2009

Depth [ft]	Radius [MIN]		Radius [MAX]		Diameter [MIN]		[MAX]	
	[ft]	[°]	[ft]	[°]	[ft]	[°]	[ft]	[°]
2225.0	0.4	251	1.3	45	1.3	12 <-> 192	1.8	45 <-> 225
2230.0	0.5	211	1.3	50	1.5	137 <-> 317	1.8	50 <-> 230
2235.0	0.4	241	1.3	50	1.5	142 <-> 322	1.8	50 <-> 230
2240.0	0.4	261	1.3	55	1.5	152 <-> 332	1.8	55 <-> 235
2245.0	0.4	241	1.3	65	1.5	147 <-> 327	1.8	110 <-> 290
2250.0	0.4	231	1.3	55	1.5	32 <-> 212	1.8	105 <-> 285
2255.0	0.4	231	1.3	55	1.5	2 <-> 182	1.8	120 <-> 300
2260.0	0.4	231	1.4	65	1.5	7 <-> 187	1.8	65 <-> 245
2265.0	0.4	221	1.4	60	1.4	160 <-> 340	1.8	60 <-> 240
2266.0	0.4	221	1.3	50	1.5	147 <-> 327	1.7	50 <-> 230
2267.0	28.7	100	42.8	345	69.9	130 <-> 310	78.9	165 <-> 345
2270.0	29.2	105	41.9	260	67.9	116 <-> 296	77.3	70 <-> 250
2275.0	28.2	105	41.5	235	66.7	104 <-> 284	77.3	5 <-> 185
2280.0	22.9	120	35.3	255	55.1	124 <-> 304	64.6	5 <-> 185
2282.0	22.4	120	32.1	10	50.4	115 <-> 295	55.9	15 <-> 195
2284.0	18.1	127	29.1	15	42.2	105 <-> 285	50.5	25 <-> 205
2286.0	12.7	197	20.3	350	26.7	15 <-> 195	34.0	170 <-> 350
2288.0	8.0	150	16.0	270	18.8	142 <-> 322	28.0	90 <-> 270
2290.0	2.0	265	5.0	60	6.6	125 <-> 305	8.5	10 <-> 190
2292.0	2.4	142	4.5	275	6.5	150 <-> 330	8.2	95 <-> 275



SOCON Sonar Well Services, Inc.

Table of radii in N-E-S-W-NE-SE-SW-NW presentation

KTS Brine Well No: 1

093012

02/04/2009

Depth [ft]	<R> [ft]	N [ft]	E [ft]	S [ft]	W [ft]	NE [ft]	SE [ft]	SW [ft]	NW [ft]
2009.0	0.8	0.8	1.1	0.6	0.4	1.2	0.8	0.5	0.6
2010.0	0.8	0.6	1.1	0.6	0.4	1.2	0.7	0.5	0.5
2015.0	0.7	0.7	0.8	0.7	0.6	0.8	0.8	0.6	0.8
2020.0	1.1	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1
2025.0	1.2	1.1	1.2	1.1	1.2	1.1	1.2	1.1	1.2
2030.0	1.1	0.9	1.1	1.1	1.1	0.9	1.2	1.0	1.1
2035.0	1.0	0.8	0.9	1.1	1.1	0.8	1.2	1.0	0.9
2040.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2045.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2050.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2055.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2060.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2065.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2070.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2075.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2080.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2085.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2090.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2095.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2100.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2105.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2110.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2115.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2120.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2125.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2130.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2135.0	0.8	0.9	1.1	0.6	0.5	1.2	0.8	0.5	0.6
2140.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2145.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2150.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2155.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2160.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2165.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2170.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2175.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2180.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2185.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2190.0	0.8	0.9	1.1	0.7	0.5	1.1	0.8	0.5	0.6
2195.0	0.8	0.9	1.1	0.7	0.5	1.1	0.9	0.5	0.6
2200.0	0.8	0.9	1.1	0.7	0.5	1.1	0.9	0.5	0.6
2205.0	0.8	0.7	1.1	0.7	0.5	1.2	0.9	0.5	0.6
2210.0	0.8	0.9	1.1	0.7	0.5	1.2	0.9	0.5	0.6
2215.0	0.9	0.9	1.2	0.7	0.5	1.3	0.9	0.5	0.6



SOCON Sonar Well Services, Inc.

Table of radii in N-E-S-W-NE-SE-SW-NW presentation

KTS Brine Well No: 1

093012

02/04/2009

2220.0	0.8	0.9	1.2	0.7	0.5	1.2	0.9	0.5	0.5
2225.0	0.8	0.6	1.2	0.7	0.4	1.3	0.9	0.5	0.5
2230.0	0.9	0.9	1.3	0.7	0.5	1.2	0.9	0.5	0.6
2235.0	0.9	0.9	1.3	0.7	0.5	1.2	1.0	0.5	0.6
2240.0	0.9	0.9	1.3	0.7	0.4	1.2	1.0	0.5	0.6
2245.0	0.9	0.8	1.3	0.7	0.4	1.1	1.0	0.5	0.5
2250.0	0.9	0.9	1.3	0.7	0.4	1.1	1.1	0.5	0.6
2255.0	0.9	0.8	1.3	0.7	0.4	1.2	1.2	0.5	0.5
2260.0	0.9	0.8	1.3	0.7	0.4	1.2	1.2	0.5	0.4
2265.0	0.9	0.8	1.3	0.7	0.4	1.2	1.2	0.4	0.4
2266.0	0.9	0.8	1.3	0.8	0.4	1.2	1.1	0.4	0.4
2267.0	37.5	40.6	29.9	38.1	40.9	32.0	30.9	41.0	40.4
2270.0	36.5	39.0	30.1	37.0	39.2	32.9	31.7	40.7	38.6
2275.0	36.2	38.8	29.2	37.7	38.9	31.2	31.2	41.1	38.5
2280.0	30.6	34.9	25.1	29.0	35.0	29.2	24.5	33.4	32.0
2282.0	26.9	31.9	24.7	23.4	28.8	28.8	22.8	25.6	29.8
2284.0	23.5	27.3	20.2	21.0	23.5	26.4	18.6	23.0	26.3
2286.0	15.7	19.2	14.7	13.2	18.0	16.0	13.3	14.3	17.7
2288.0	11.4	11.6	12.0	9.5	16.0	9.5	8.5	10.5	11.3
2290.0	3.8	4.4	4.8	3.9	2.1	4.7	3.9	2.4	3.1
2292.0	3.7	4.0	3.8	3.1	4.3	3.8	2.5	3.5	4.2

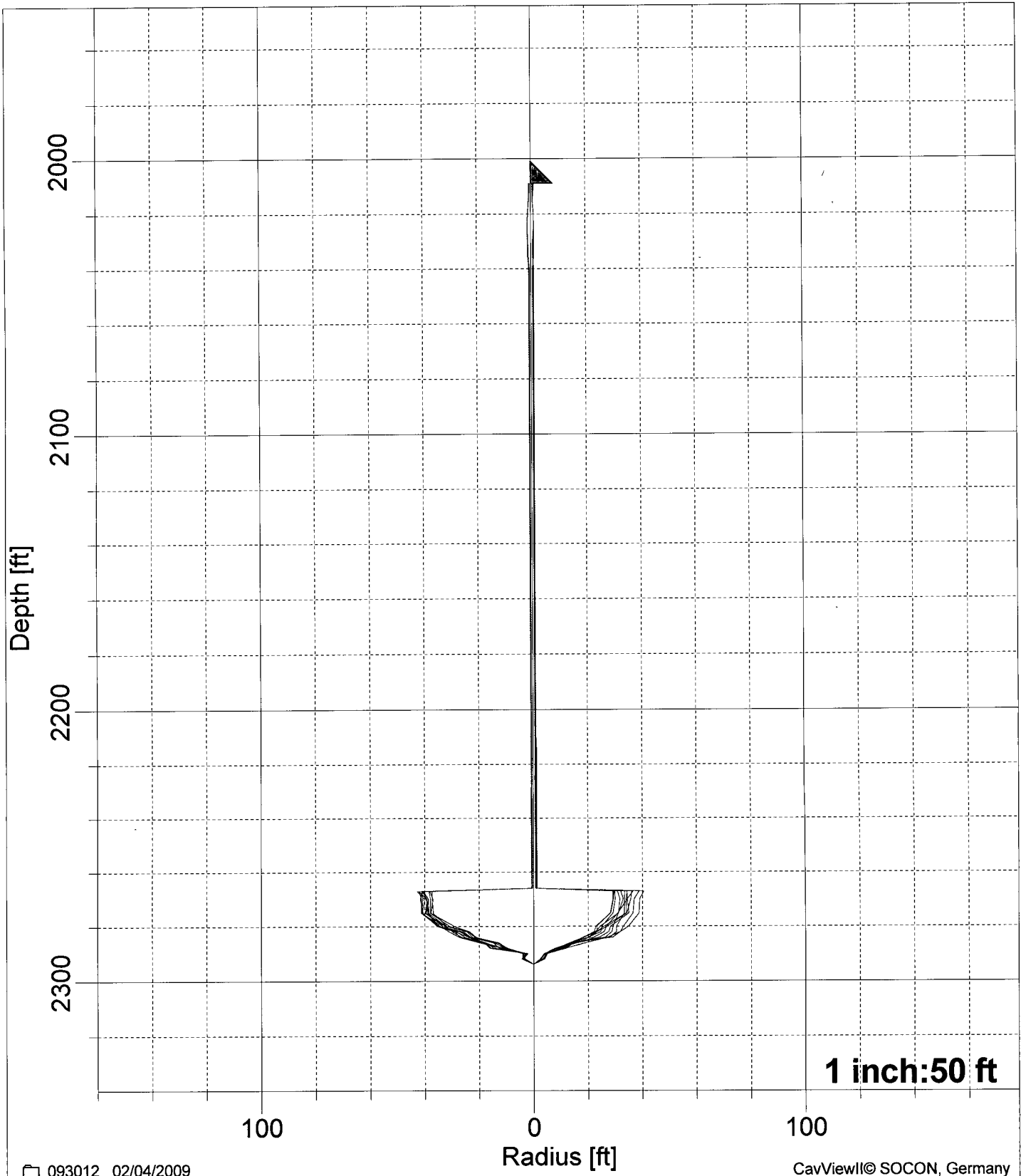


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

MAXPLOT

02/04/2009



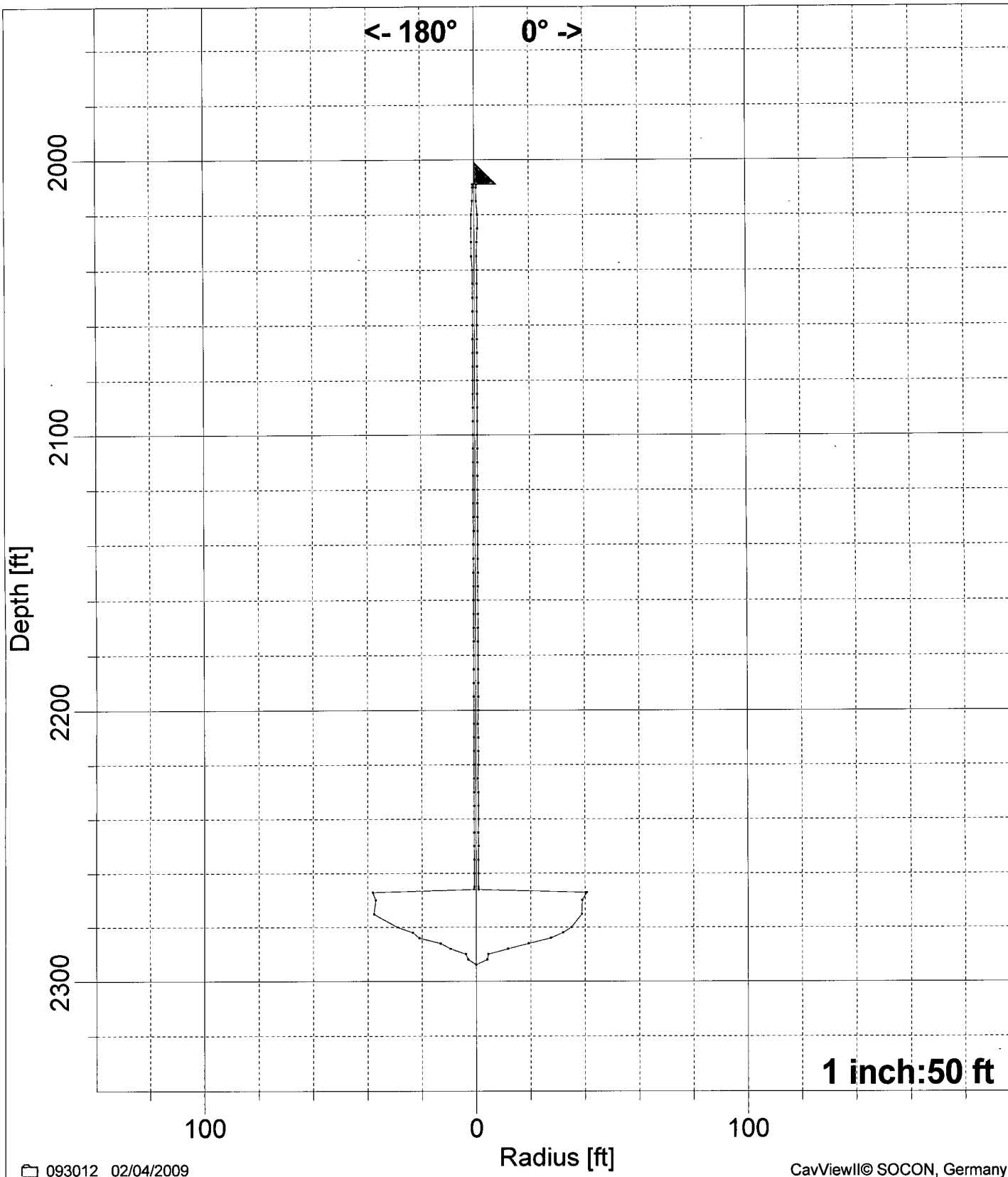
5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



(02/04/2009)

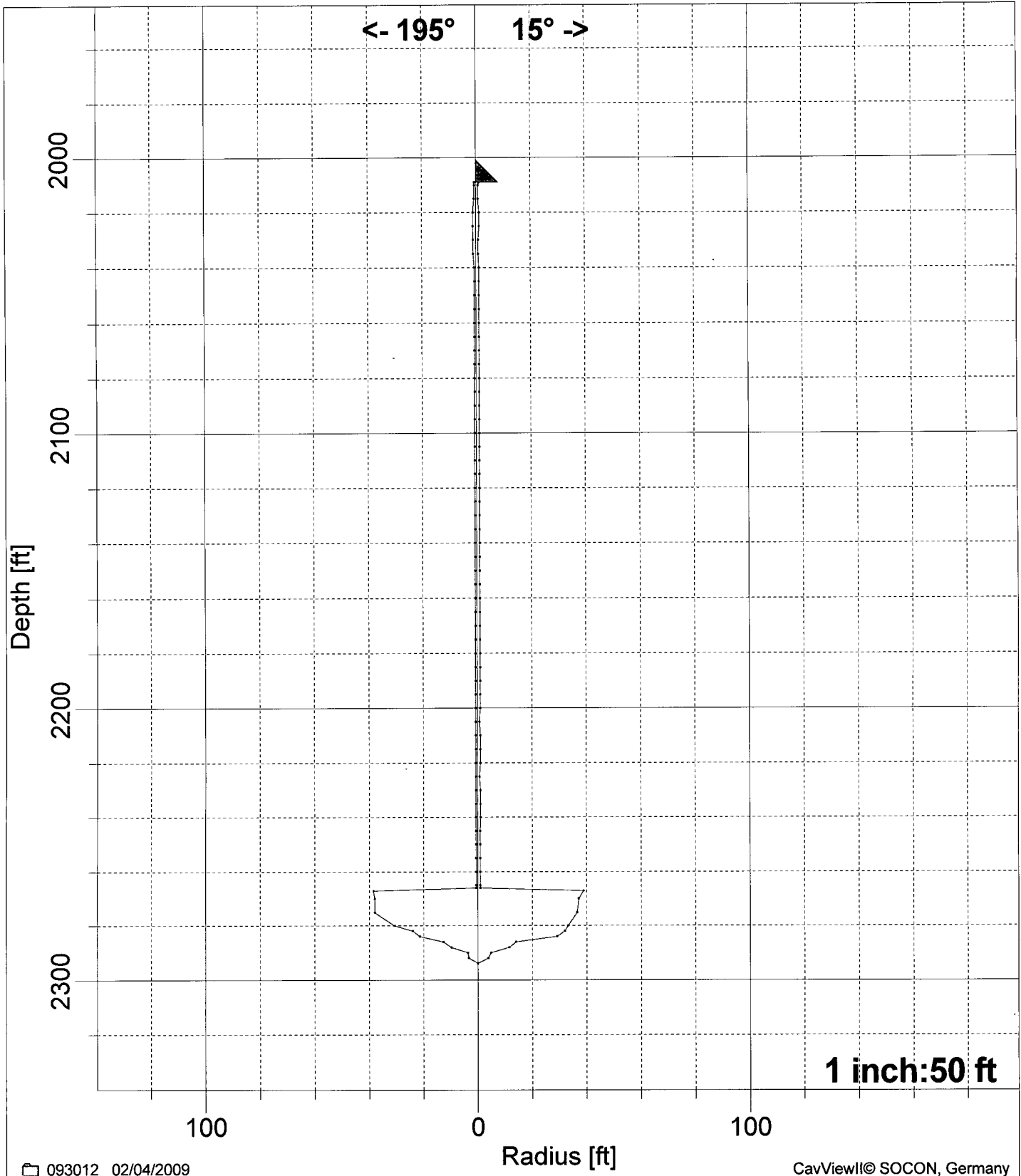
5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



(02/04/2009)

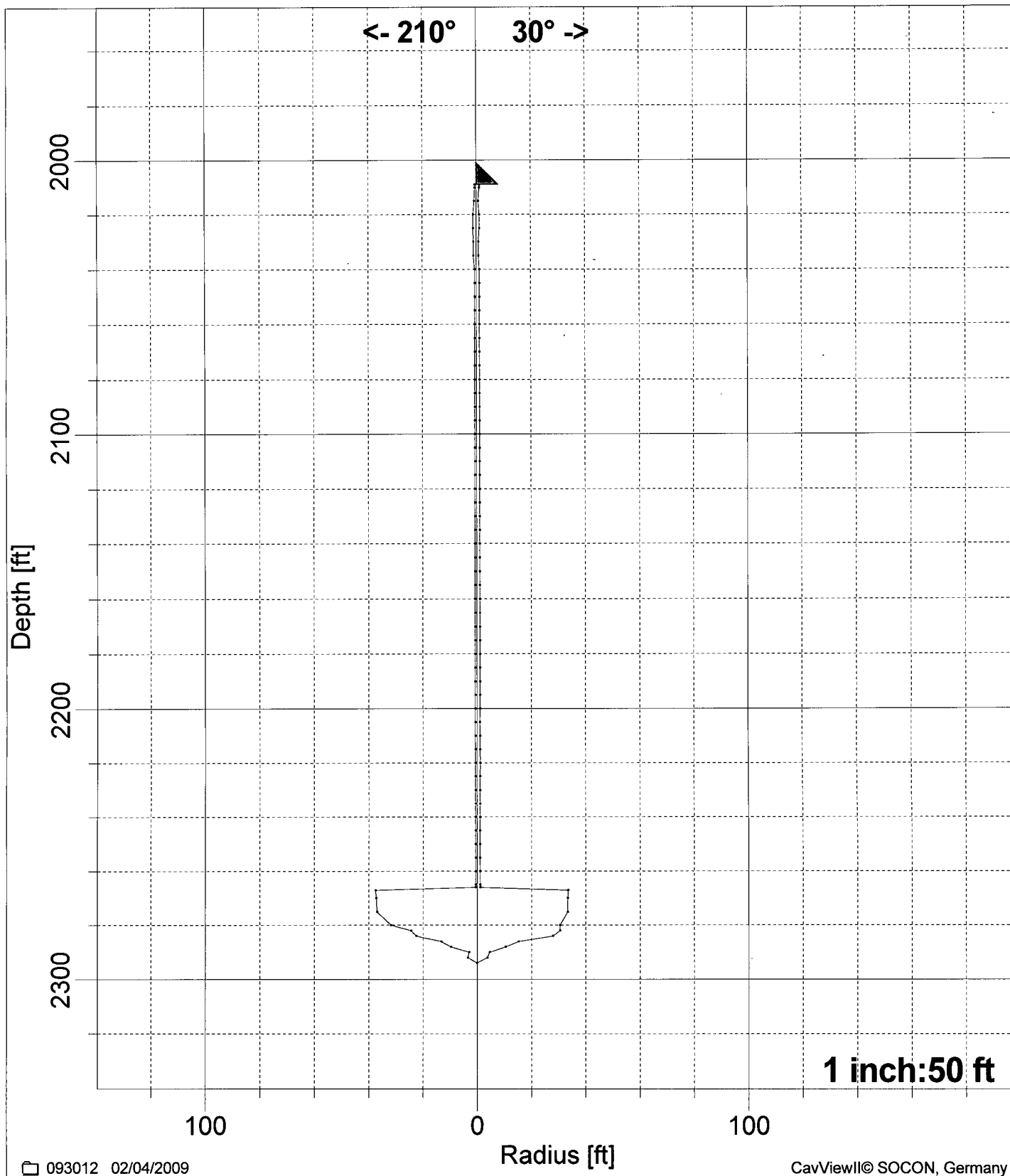
5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



(02/04/2009)

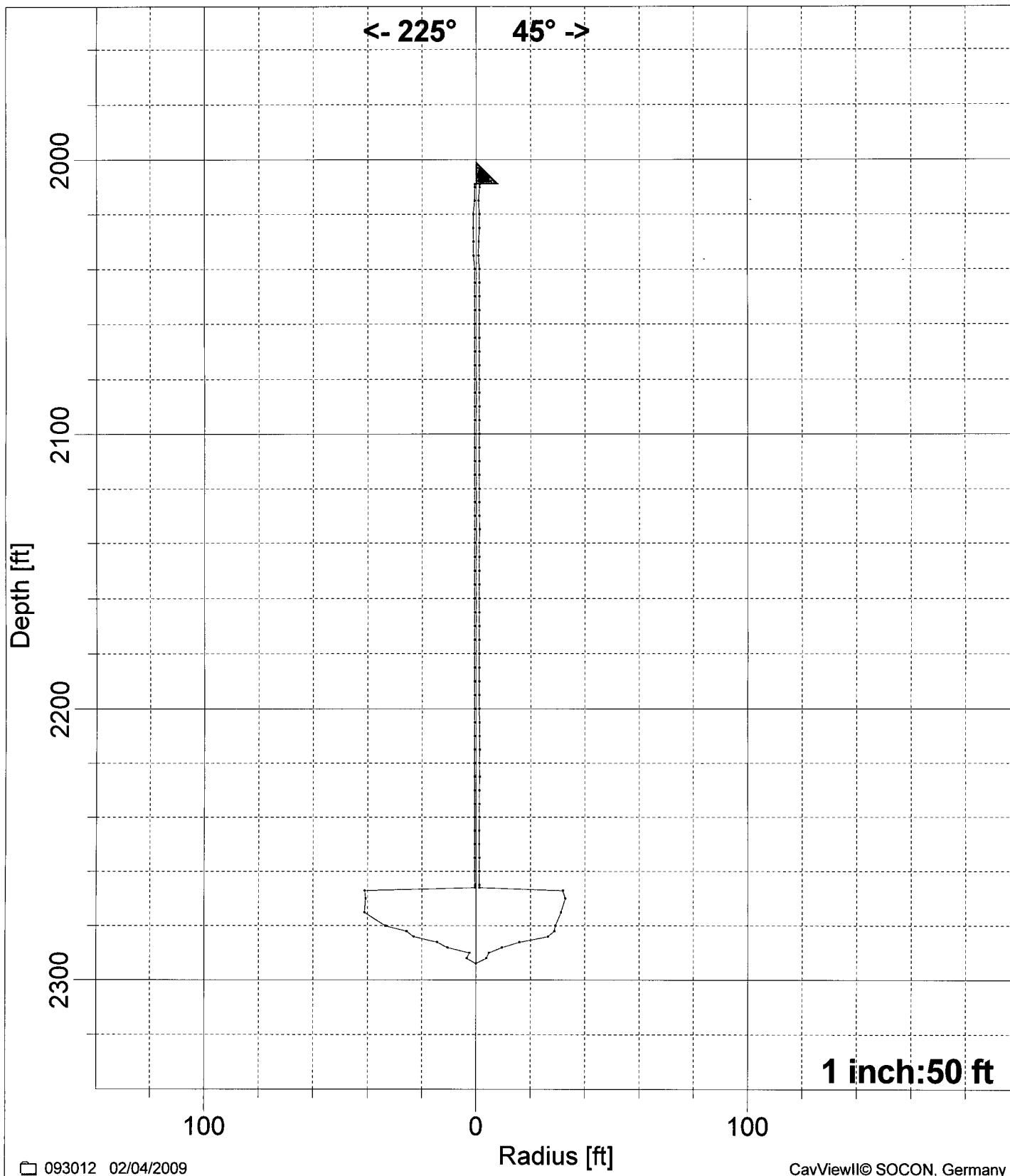
5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



(02/04/2009)

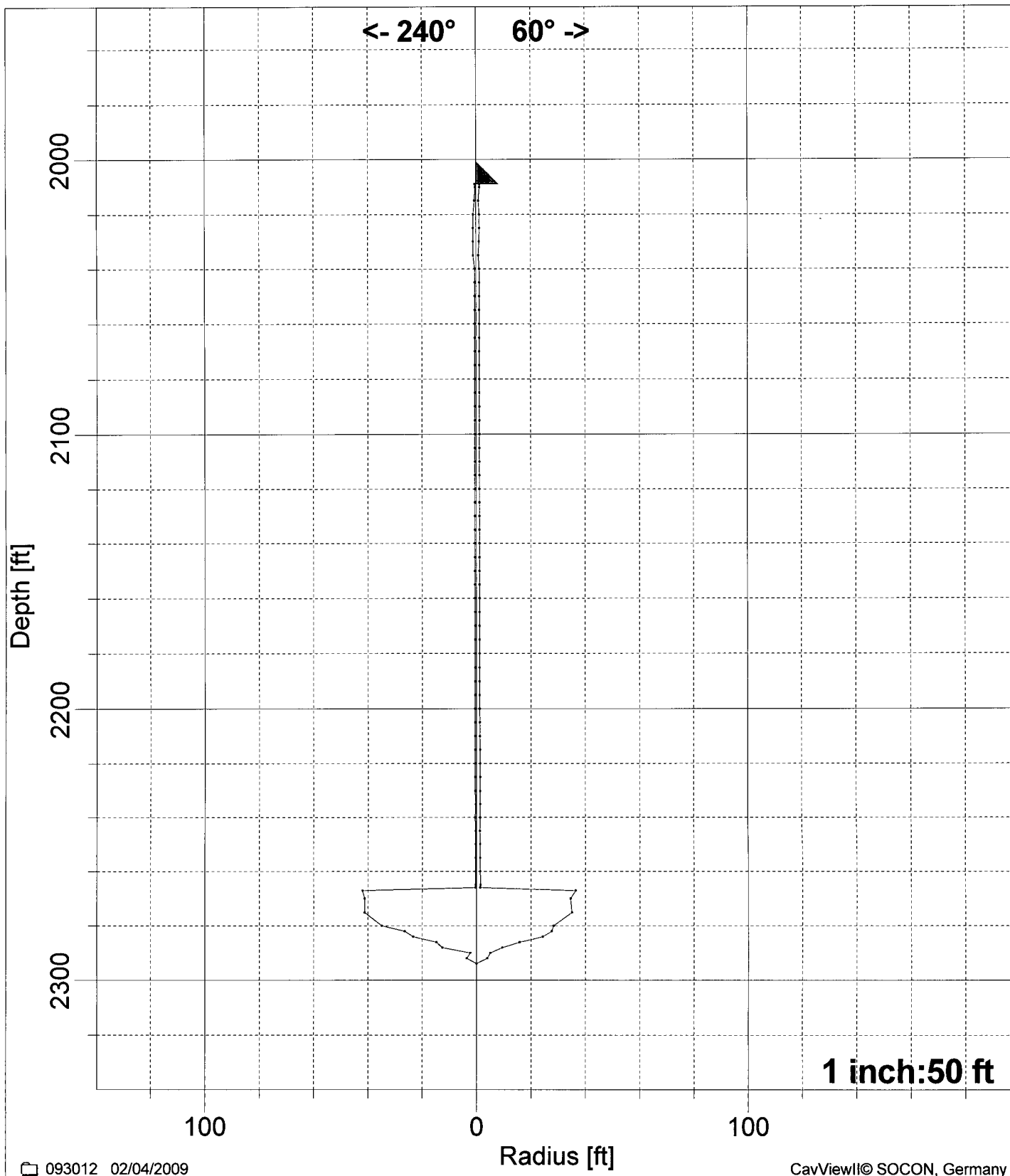
5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



(02/04/2009)

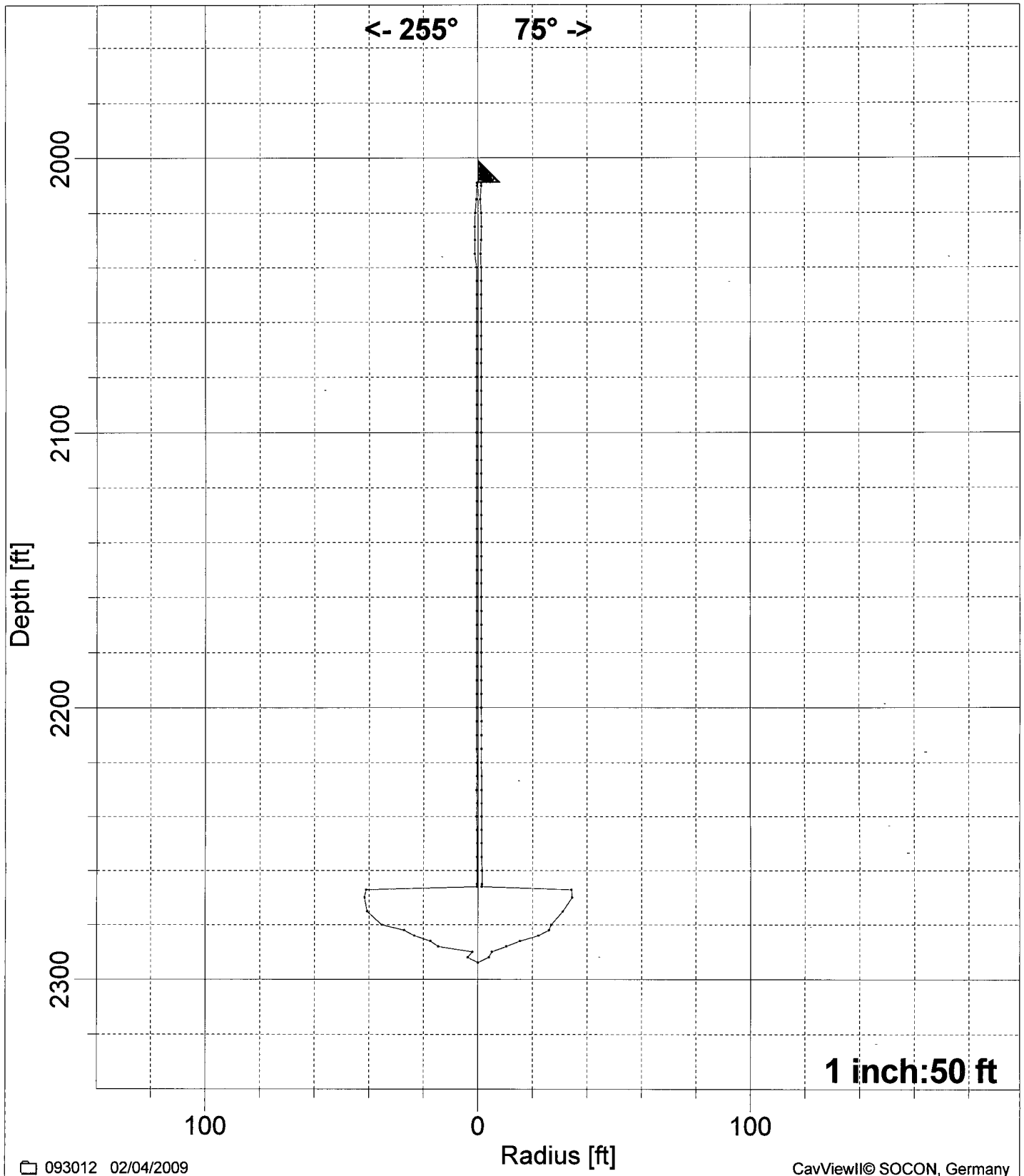
5-1/2" · 2009 0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



(02/04/2009)

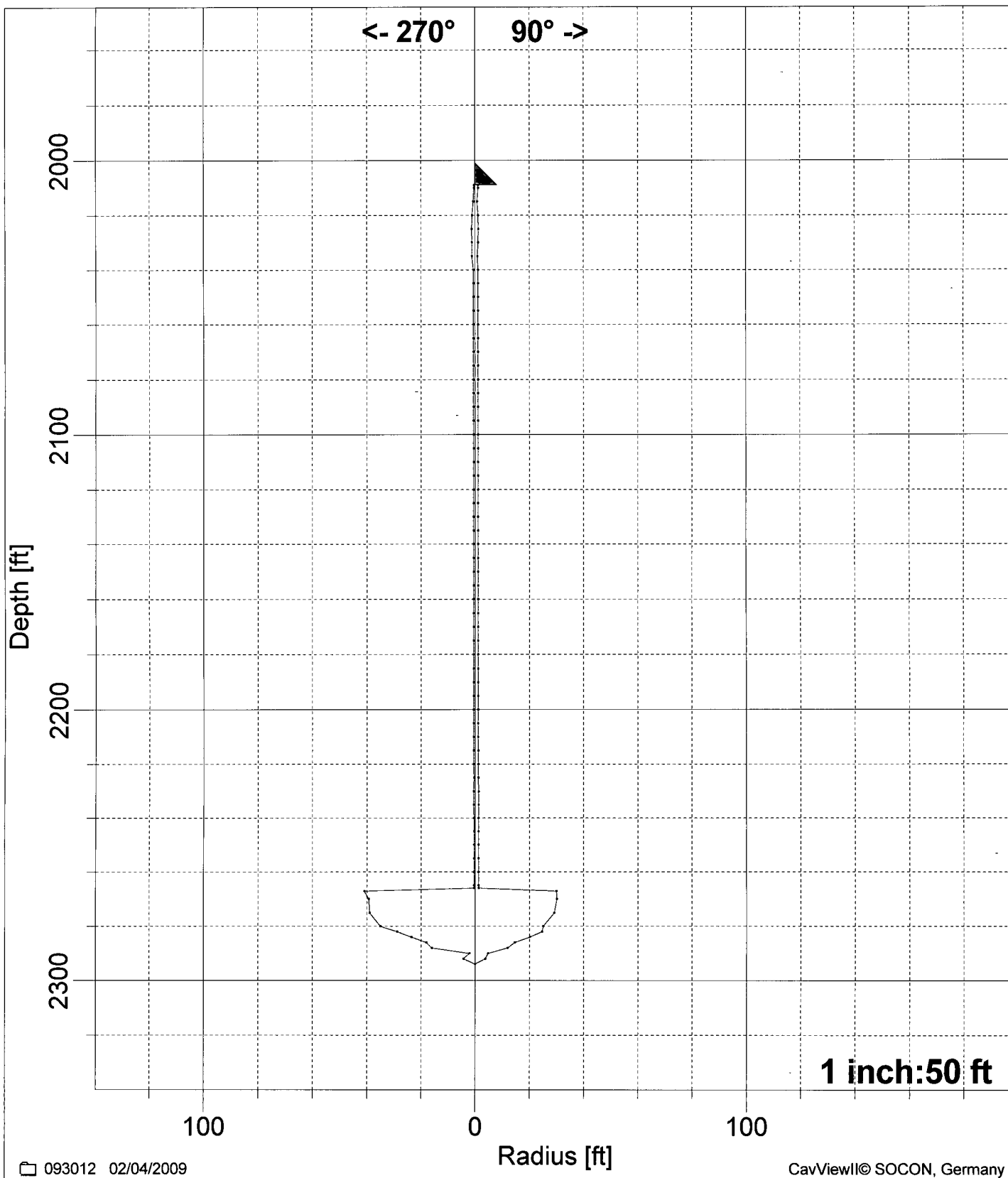
5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



(02/04/2009)

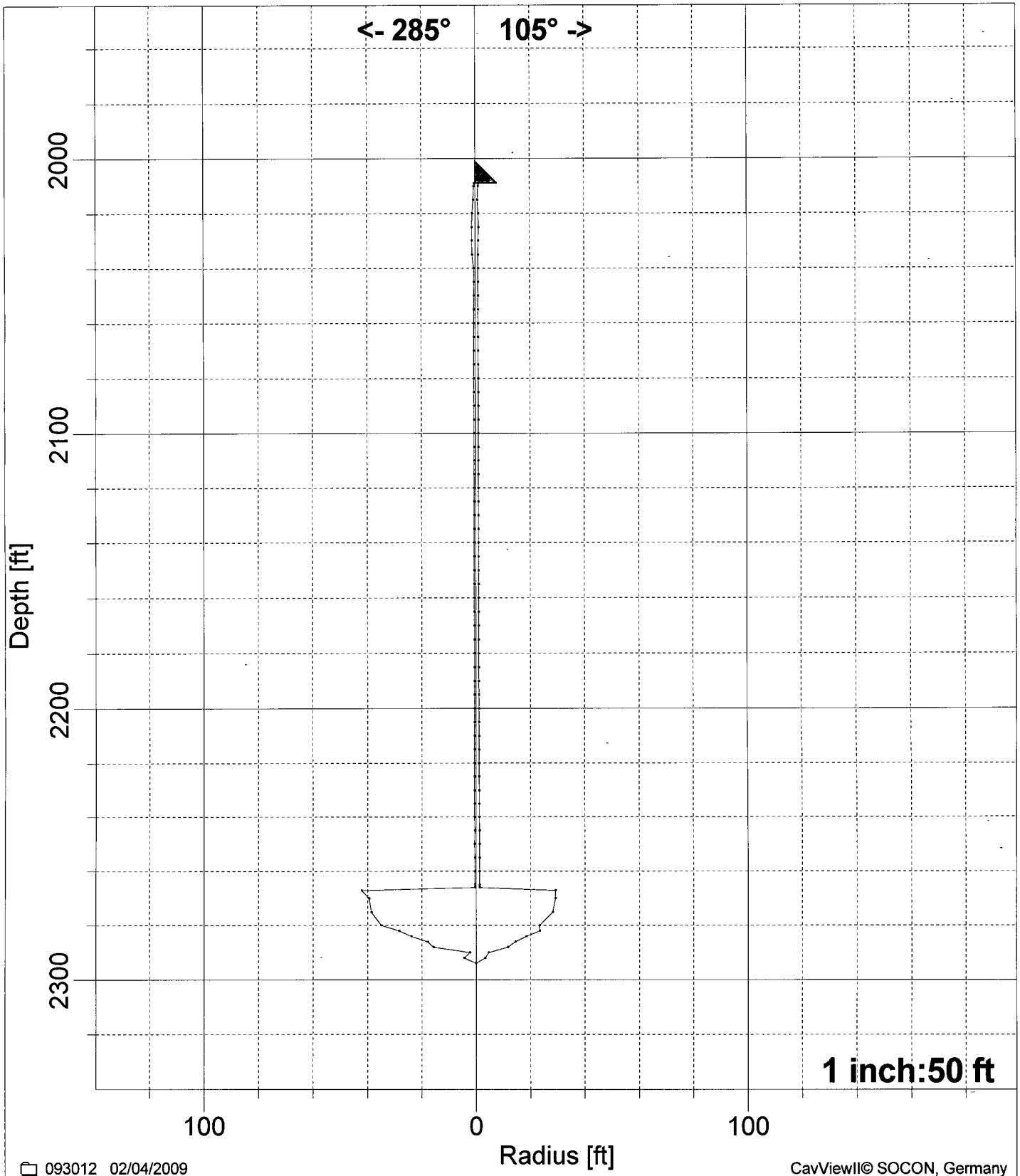
5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



(02/04/2009)

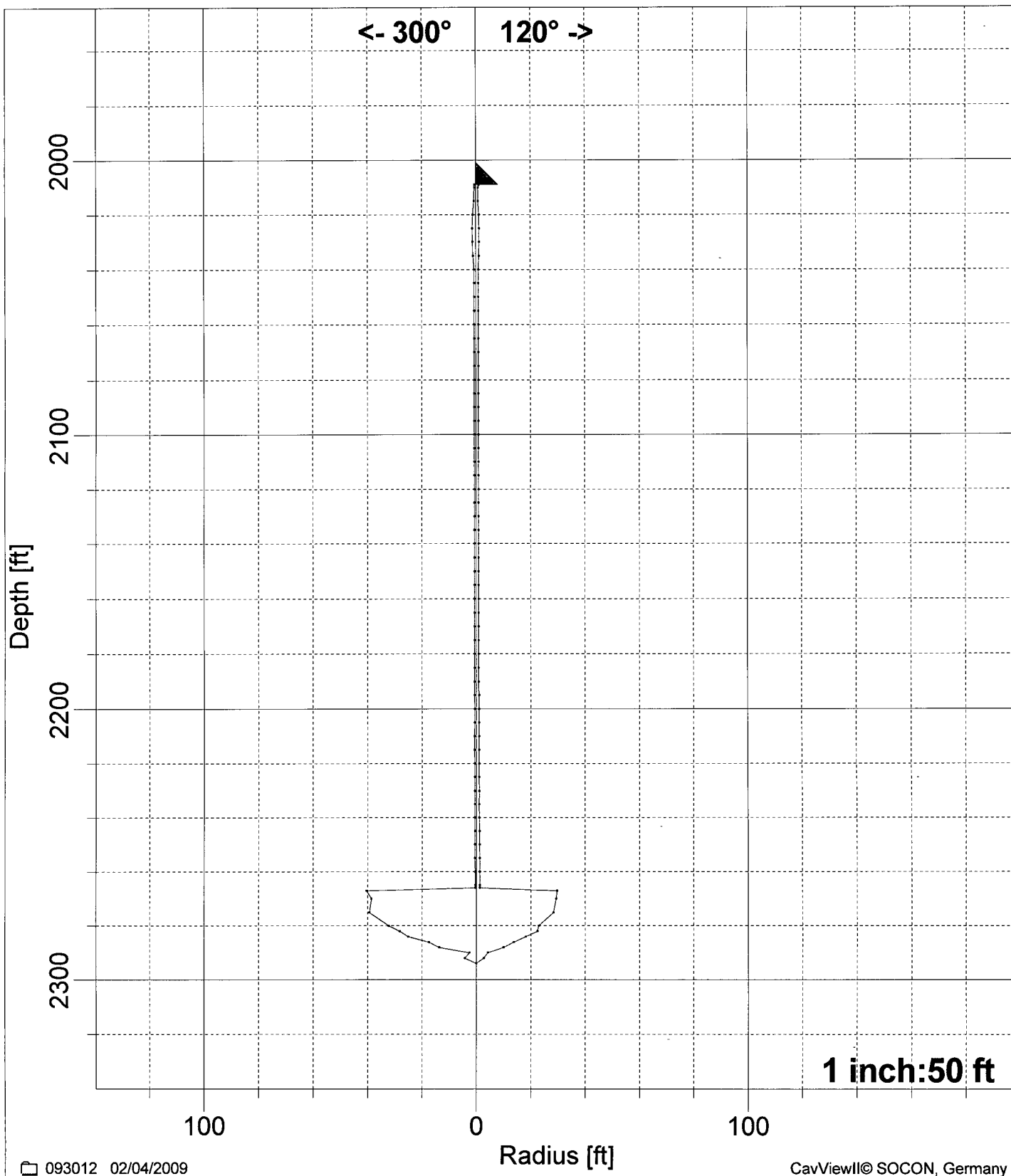
5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



(02/04/2009)

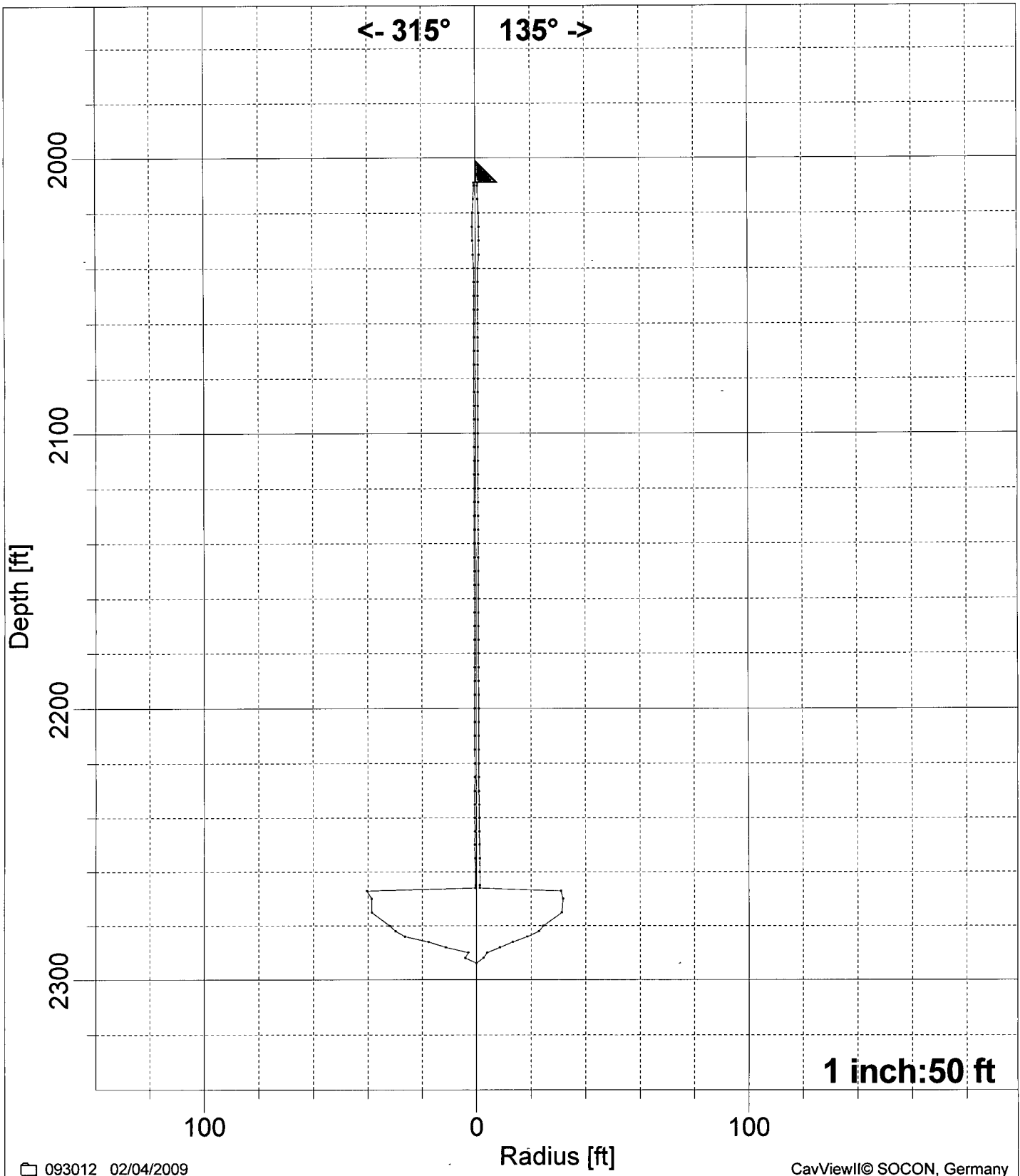
5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



093012 02/04/2009

CavViewII© SOCON, Germany

(02/04/2009)

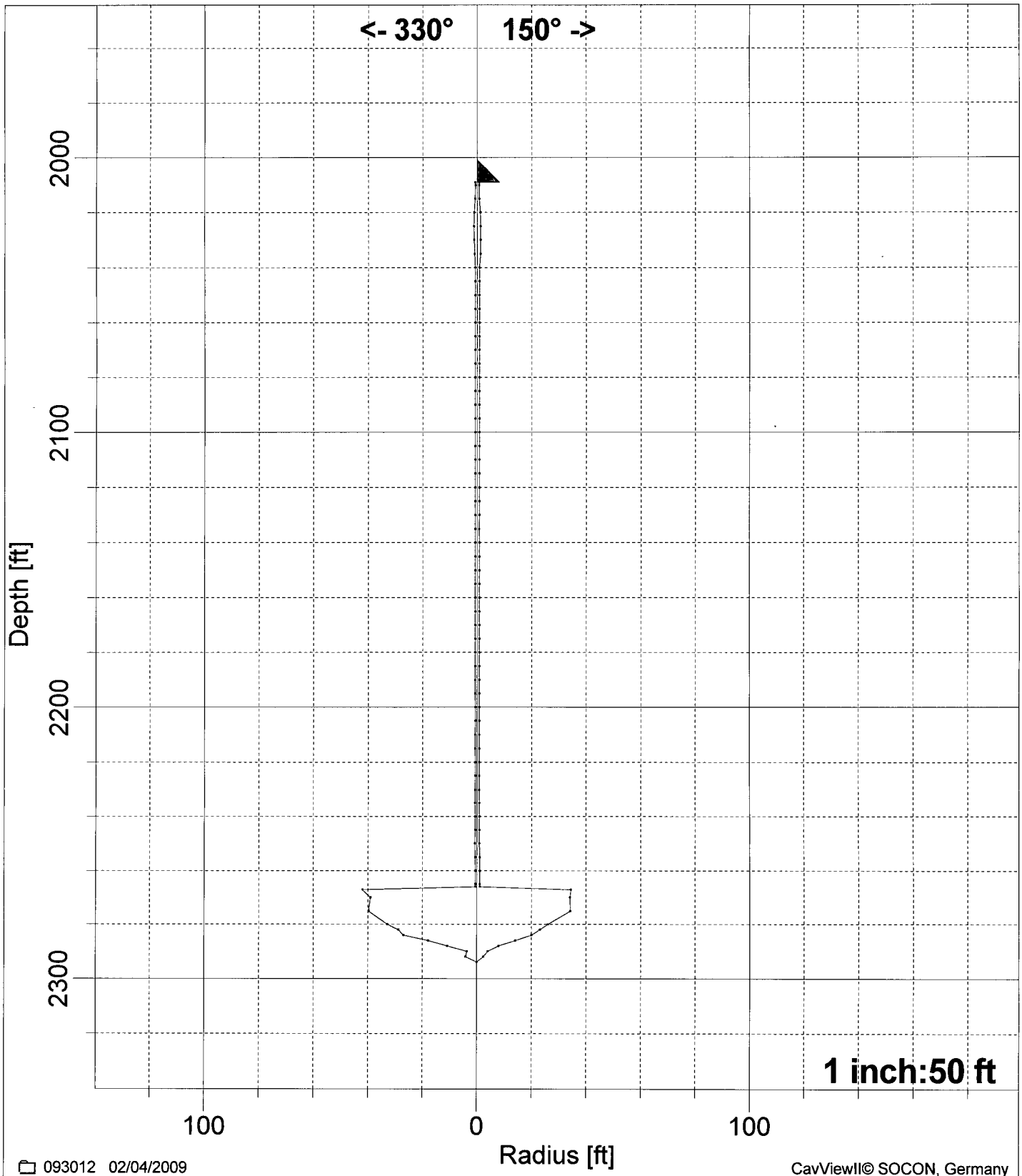
5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



(02/04/2009)

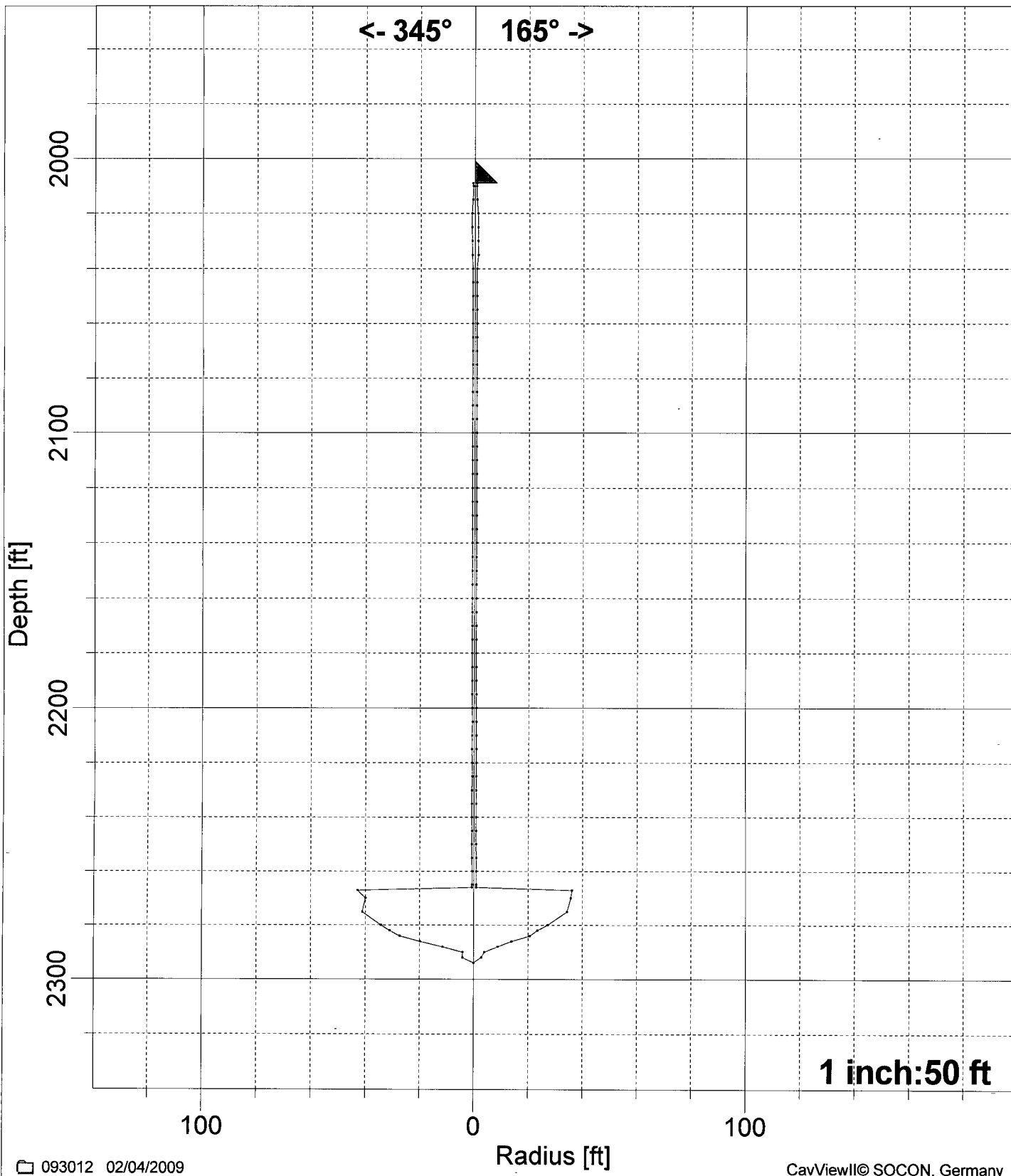
5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

02/04/2009



(02/04/2009)

5-1/2" : 2009.0 ft



SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

093012

02/04/2009

HORIZONTAL SECTIONS

KTS Brine Well No: 1

Report No.: 093012

Utilized speed of sound: 4984 feet/second to 5120 feet/second in brine (measured)

Measuring date: 02/04/2009

Scale: 1: 25

Horizontal sections measured at following depths:

2009.0 ft	2010.0 ft	2015.0 ft	2020.0 ft	2025.0 ft	2030.0 ft	2035.0 ft
2040.0 ft	2045.0 ft	2050.0 ft	2055.0 ft	2060.0 ft	2065.0 ft	2070.0 ft
2075.0 ft	2080.0 ft	2085.0 ft	2090.0 ft	2095.0 ft	2100.0 ft	2105.0 ft
2110.0 ft	2115.0 ft	2120.0 ft	2125.0 ft	2130.0 ft	2135.0 ft	2140.0 ft
2145.0 ft	2150.0 ft	2155.0 ft	2160.0 ft	2165.0 ft	2170.0 ft	2175.0 ft
2180.0 ft	2185.0 ft	2190.0 ft	2195.0 ft	2200.0 ft	2205.0 ft	2210.0 ft
2215.0 ft	2220.0 ft	2225.0 ft	2230.0 ft	2235.0 ft	2240.0 ft	2245.0 ft
2250.0 ft	2255.0 ft	2260.0 ft	2265.0 ft	2266.0 ft	2267.0 ft	2270.0 ft
2275.0 ft	2280.0 ft	2282.0 ft	2284.0 ft	2286.0 ft	2288.0 ft	2290.0 ft
2292.0 ft						

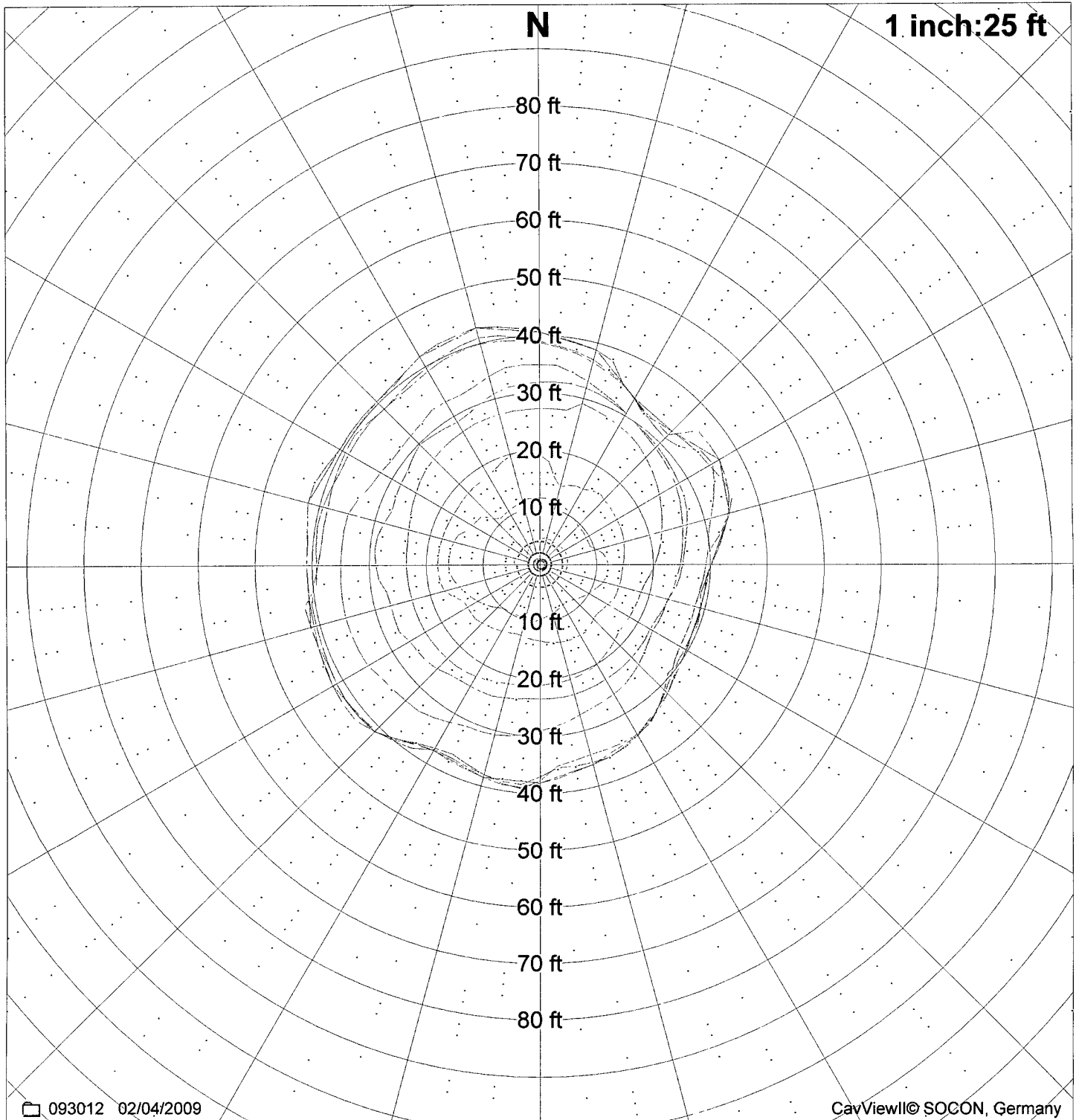


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

MAXPLOT

02/04/2009



Vertical maximum plot

Horizontal sections

a/b

d_{max} : 79.0 ft 185° <--> 5° r_{min} : 29.2 ft -> 105° $r_{\sim}$: 37.6 ft r_{max} : 42.8 ft -> 345°

$a/b = 1.077$ $a = 80.8$ ft (185°-345°) $b = 75.0$ ft (69°-277°)

Area from vertical sections: 4371 ft², Area from horizontal and vertical sections: 4438 ft²

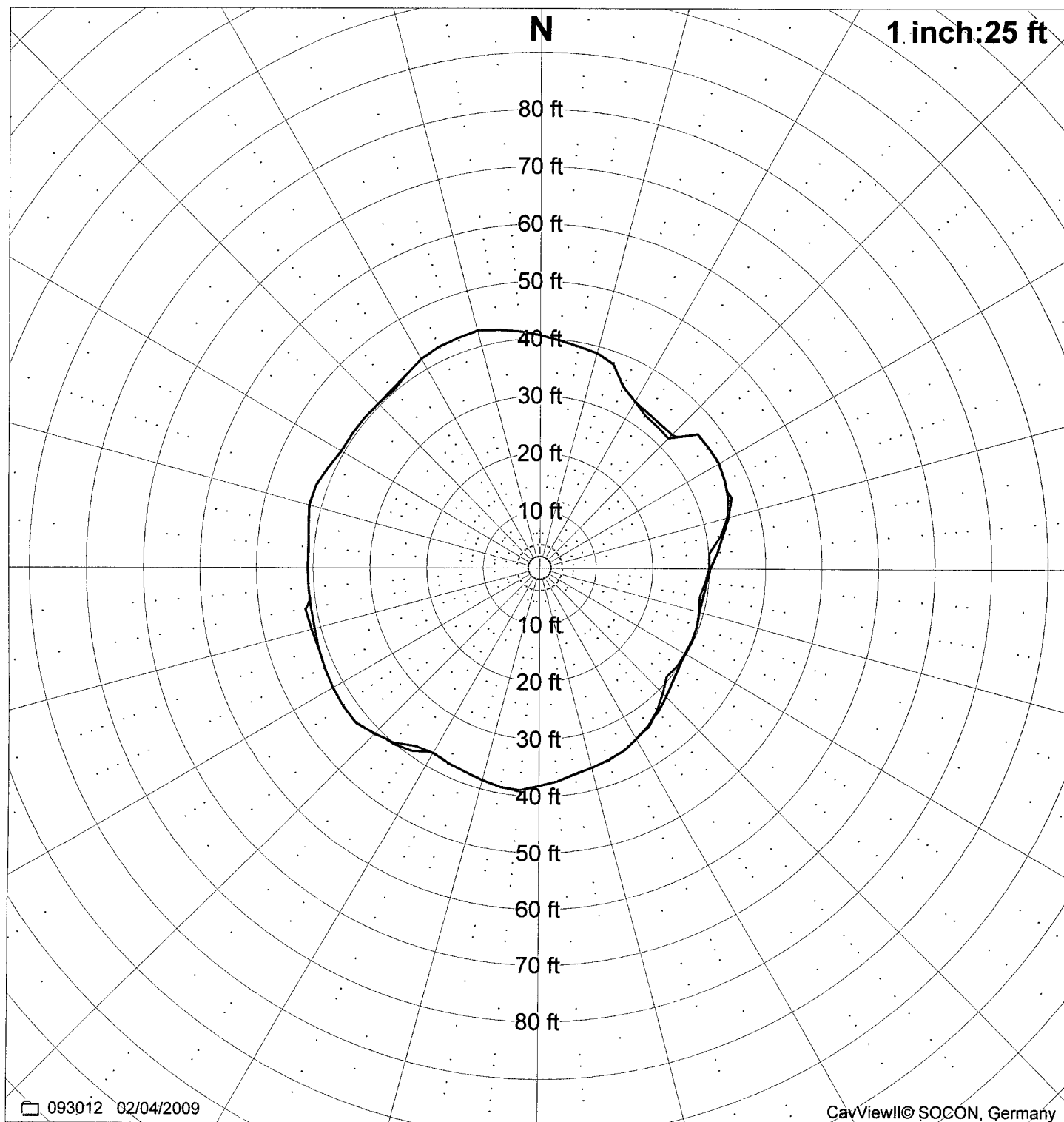


SOCON Sonar Well Services, Inc.

KTS Brine Well No: 1

MAXPLOT

02/04/2009



a/b

Horizontal/vertical maximum plot

Largest single area

d_{max} : 79.0 ft $5^\circ \leftrightarrow 185^\circ$ r_{min} : 29.2 ft $\rightarrow 105^\circ$ r : 37.6 ft r_{max} : 42.8 ft $\rightarrow 345^\circ$

$a/b = 1.077$ $a = 80.8$ ft ($185^\circ - 345^\circ$) $b = 75.0$ ft ($69^\circ - 277^\circ$)

Largest single area: 4411 ft² in depth: 2267.0 ft, Area from horizontal and vertical sections: 4438 ft²



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2009.0 ft

[°]	Radii in [ft]									
0	0.8	0.9	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.2
50	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1
100	1.1	1.1	1.0	1.0	1.0	0.9	0.8	0.8	0.7	0.7
150	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
200	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
250	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
300	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.8
350	0.8	0.8								

Depth: 2010.0 ft

[°]	Radii in [ft]									
0	0.6	0.7	0.7	0.7	1.0	1.1	1.1	1.1	1.1	1.2
50	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7
150	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
200	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
250	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
300	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6
350	0.6	0.6								

Depth: 2015.0 ft

[°]	Radii in [ft]									
0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8
50	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
100	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
150	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
200	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6
250	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
300	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
350	0.8	0.8								

Depth: 2020.0 ft

[°]	Radii in [ft]									
0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.1
150	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
250	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
300	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
350	1.1	1.1								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2025.0 ft

[°]

Radii in [ft]

0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
100	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
150	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
200	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
250	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3
300	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
350	1.1	1.1								

Depth: 2030.0 ft

[°]

Radii in [ft]

0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9
50	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
100	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
150	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0
200	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1
250	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
300	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
350	0.9	0.9								

Depth: 2035.0 ft

[°]

Radii in [ft]

0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
50	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9
100	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2
150	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0	1.0
200	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
250	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0
300	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
350	0.9	0.9								

Depth: 2040.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2045.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2050.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2055.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2060.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2065.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2070.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2075.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2080.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2085.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2090.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2095.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2100.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2105.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2110.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2115.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2120.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2125.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2130.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2135.0 ft

[°]	Radii in [ft]									
0	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2
50	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8
150	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
200	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
300	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2140.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2145.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2150.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2155.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2160.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2165.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2170.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2175.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2180.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2185.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2190.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8	0.8
150	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2195.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
50	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8
150	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6
300	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2200.0 ft

[°]

Radii in [ft]

0	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.1
50	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
100	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8
150	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
300	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
350	0.8	0.8								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2205.0 ft

[°]

Radii in [ft]

0	0.7	0.7	0.7	0.7	0.7	0.7	1.0	1.1	1.1	1.2
50	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
100	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.8
150	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
300	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
350	0.6	0.7								

Depth: 2210.0 ft

[°]

Radii in [ft]

0	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2
50	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
100	1.1	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8
150	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6
200	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
300	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8
350	0.8	0.8								

Depth: 2215.0 ft

[°]

Radii in [ft]

0	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3
50	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1
100	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.8
150	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6
300	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8
350	0.8	0.8								

Depth: 2220.0 ft

[°]

Radii in [ft]

0	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.2
50	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
100	1.1	1.1	1.1	1.0	1.0	1.0	0.9	0.9	0.9	0.9
150	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6
200	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
250	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
300	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7
350	0.8	0.8								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2225.0 ft

[°]

					Radii in [ft]					
0	0.6	0.7	0.7	0.7	1.1	1.1	1.1	1.2	1.2	1.3
50	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2
100	1.2	1.1	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9
150	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
250	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
300	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
350	0.6	0.6								

Depth: 2230.0 ft

[°]

					Radii in [ft]					
0	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2
50	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
100	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9
150	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	0.6
200	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
300	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.8
350	0.9	0.9								

Depth: 2235.0 ft

[°]

					Radii in [ft]					
0	0.9	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2
50	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
100	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	0.9	0.9
150	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.6
200	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
250	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
300	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.8
350	0.8	0.9								

Depth: 2240.0 ft

[°]

					Radii in [ft]					
0	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2	1.2
50	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
100	1.3	1.2	1.2	1.2	1.1	1.0	1.0	1.0	0.9	0.9
150	0.9	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6
200	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
250	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
300	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.8
350	0.8	0.8								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2245.0 ft

[°]	Radii in [ft]									
0	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.1
50	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
100	1.3	1.3	1.3	1.2	1.2	1.2	1.0	1.0	1.0	0.9
150	0.9	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6
200	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
250	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5
300	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
350	0.8	0.8								

Depth: 2250.0 ft

[°]	Radii in [ft]									
0	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1
50	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
100	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.0	1.0
150	0.9	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.7	0.6
200	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
250	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5
300	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8
350	0.8	0.8								

Depth: 2255.0 ft

[°]	Radii in [ft]									
0	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2
50	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
100	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1
150	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.7	0.6
200	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
250	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
300	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7
350	0.7	0.8								

Depth: 2260.0 ft

[°]	Radii in [ft]									
0	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2
50	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.3
100	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1
150	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6
200	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
250	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
300	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6
350	0.7	0.7								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2265.0 ft

[°]	Radii in [ft]									
0	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2
50	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3
100	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1
150	1.0	1.0	0.9	0.9	0.8	0.8	0.7	0.7	0.6	0.6
200	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
250	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
300	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6
350	0.6	0.7								

Depth: 2266.0 ft

[°]	Radii in [ft]									
0	0.8	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2
50	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
100	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0
150	1.0	1.0	0.9	0.9	0.8	0.8	0.8	0.7	0.7	0.6
200	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
250	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
300	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.7
350	0.7	0.8								

Depth: 2267.0 ft

[°]	Radii in [ft]									
0	40.6	39.8	39.2	38.8	37.8	34.8	33.5	32.4	32.2	32.0
50	36.3	36.4	36.5	36.0	35.4	34.3	32.4	30.0	29.9	29.3
100	28.7	29.2	29.6	29.7	29.7	29.7	29.4	30.9	32.4	33.6
150	34.4	35.3	35.7	36.1	36.6	37.4	38.1	39.0	38.9	38.4
200	38.0	37.7	37.4	38.0	39.9	41.0	42.2	42.2	42.0	41.7
250	41.4	41.0	40.9	40.9	40.9	40.9	41.4	42.1	42.0	41.2
300	40.5	40.5	40.5	40.4	40.3	41.1	42.0	42.5	42.6	42.8
350	42.1	41.4								

Depth: 2270.0 ft

[°]	Radii in [ft]									
0	39.0	38.3	37.7	37.0	35.9	34.8	33.4	31.9	32.4	32.9
50	33.4	34.0	34.5	35.3	36.0	34.5	32.8	31.5	30.1	29.3
100	29.3	29.2	29.3	29.3	29.4	29.5	30.6	31.7	32.7	33.4
150	34.1	35.1	35.8	35.7	35.7	35.6	37.0	38.5	38.4	37.9
200	37.5	37.1	37.2	39.1	40.1	40.7	41.3	41.4	41.2	41.0
250	41.3	41.6	41.9	39.3	39.2	39.4	39.6	39.4	39.0	38.6
300	38.7	38.8	38.8	38.6	38.5	38.6	39.1	39.6	39.8	39.9
350	39.6	39.3								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2275.0 ft

[°]	Radii in [ft]									
0	38.8	38.1	37.4	36.5	35.6	34.7	33.4	32.2	31.5	31.2
50	32.0	34.6	35.1	33.8	32.5	31.1	30.1	29.7	29.2	28.8
100	28.4	28.2	28.3	28.3	28.4	28.9	30.1	31.2	32.4	33.8
150	34.2	34.3	34.3	34.3	34.7	35.3	37.7	39.2	38.7	37.9
200	37.1	36.4	36.9	37.9	39.6	41.1	41.4	41.5	41.2	40.9
250	40.7	40.6	40.6	39.8	38.9	38.5	38.5	38.5	38.8	39.1
300	39.4	39.6	39.0	38.5	38.8	39.3	39.7	40.2	40.7	41.0
350	40.6	39.7								

Depth: 2280.0 ft

[°]	Radii in [ft]									
0	34.9	34.9	34.0	33.1	32.1	31.3	30.5	29.8	29.5	29.2
50	28.9	28.6	28.3	28.0	27.5	26.8	26.1	25.5	25.1	24.7
100	24.2	23.3	23.2	23.1	22.9	23.3	23.9	24.5	25.1	25.7
150	26.0	26.3	26.6	27.1	27.8	28.4	29.0	29.7	30.3	30.7
200	30.9	31.0	31.7	32.5	33.2	33.4	33.7	34.1	34.9	35.1
250	35.2	35.3	35.2	35.1	35.0	34.9	34.9	34.8	33.8	32.7
300	32.3	31.8	31.8	32.0	32.3	33.0	32.9	32.7	33.2	34.1
350	34.9	35.0								

Depth: 2282.0 ft

[°]	Radii in [ft]									
0	31.9	32.0	32.1	31.9	31.5	31.0	30.5	29.8	29.2	28.8
50	28.4	28.1	27.6	27.1	26.5	26.0	25.5	25.1	24.7	24.2
100	23.8	23.4	23.0	22.5	22.4	22.6	22.7	22.8	22.9	23.0
150	23.1	23.2	23.3	23.4	23.4	23.4	23.4	23.4	23.7	24.0
200	24.3	24.4	24.4	24.5	24.8	25.6	26.0	26.2	26.4	27.3
250	27.2	27.1	27.3	28.4	28.8	29.1	29.0	28.3	27.6	27.9
300	28.2	28.4	29.1	29.8	29.4	29.1	28.8	29.2	30.1	30.9
350	31.5	31.7								

Depth: 2284.0 ft

[°]	Radii in [ft]									
0	27.3	27.3	27.4	29.1	28.7	28.4	28.0	27.6	27.1	26.4
50	25.7	25.0	24.3	23.6	22.9	22.2	21.6	20.9	20.2	19.5
100	18.8	18.4	18.3	18.2	18.2	18.1	18.1	18.6	19.1	19.5
150	20.0	20.3	20.5	20.7	20.8	20.8	21.0	21.1	21.2	21.4
200	21.7	22.1	22.4	22.7	22.9	23.0	23.1	23.2	23.3	23.3
250	23.3	23.3	23.3	23.4	23.5	23.5	23.6	23.8	24.2	24.7
300	25.1	25.6	26.0	26.3	26.5	26.7	26.9	27.1	27.1	27.2
350	27.2	27.2								



SOCON Sonar Well Services, Inc.

Table of radii

KTS Brine Well No: 1

093012

2/4/2009

Depth: 2286.0 ft

[°]

Radii in [ft]

0	19.2	18.1	15.3	14.0	14.7	15.1	15.2	15.7	16.3	16.0
50	15.9	15.8	15.7	15.6	15.5	15.4	15.1	14.9	14.7	14.5
100	14.5	14.4	14.4	14.3	13.8	13.5	13.2	13.3	13.8	14.2
150	14.1	14.1	14.1	13.9	13.7	13.5	13.2	13.1	12.9	12.7
200	12.7	13.0	13.3	13.6	14.0	14.3	14.7	14.7	14.7	14.8
250	16.1	17.4	17.7	17.9	18.0	17.9	17.9	17.8	17.7	17.6
300	17.5	17.5	17.6	17.7	17.8	17.8	17.9	18.4	19.1	19.7
350	20.3	19.7								

Depth: 2288.0 ft

[°]

Radii in [ft]

0	11.6	11.6	11.6	11.5	11.1	10.8	10.5	10.1	9.8	9.5
50	9.5	9.5	9.4	9.4	9.4	10.4	11.3	11.8	12.0	11.9
100	11.8	11.6	11.0	10.4	10.0	9.5	9.0	8.5	8.2	8.1
150	8.0	8.3	8.5	8.8	9.0	9.2	9.5	9.9	10.1	9.8
200	9.6	9.6	9.7	9.7	9.9	10.5	11.2	11.9	12.6	13.3
250	14.0	14.6	15.3	15.9	16.0	16.0	15.9	15.6	15.3	14.1
300	13.7	13.4	13.2	11.3	10.6	10.7	10.9	11.0	11.2	11.5
350	11.7	11.6								

Depth: 2290.0 ft

[°]

Radii in [ft]

0	4.4	4.6	4.7	4.8	4.7	4.7	4.6	4.6	4.6	4.7
50	4.8	4.9	5.0	5.0	5.0	5.0	4.9	4.9	4.8	4.8
100	4.7	4.6	4.5	4.3	4.2	3.9	3.8	3.9	3.9	3.9
150	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.8	3.8	3.7
200	3.5	3.3	3.0	2.8	2.5	2.4	2.4	2.3	2.3	2.2
250	2.2	2.1	2.1	2.0	2.1	2.2	2.3	2.3	2.4	2.5
300	2.6	2.7	2.9	3.1	3.2	3.4	3.6	3.7	3.9	4.0
350	4.1	4.3								

Depth: 2292.0 ft

[°]

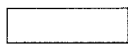
Radii in [ft]

0	4.0	4.0	3.9	3.8	3.7	3.6	3.7	3.7	3.8	3.8
50	3.8	3.9	3.9	3.9	3.9	4.0	3.9	3.9	3.8	3.7
100	3.5	3.3	3.1	2.9	2.7	2.6	2.5	2.5	2.4	2.4
150	2.4	2.5	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4
200	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6
250	3.7	3.8	4.0	4.2	4.3	4.5	4.5	4.4	4.3	4.3
300	4.2	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1
350	4.1	4.0								

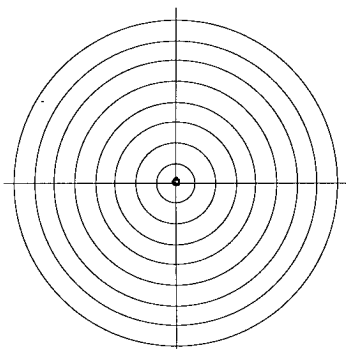


SOCON Sonar Well Services, Inc.

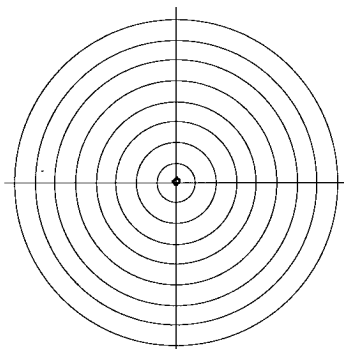
Horizontal slices 1 - 12



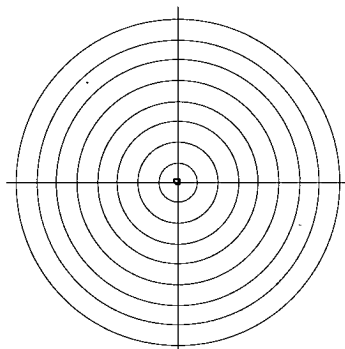
Cavity: KTS Brine Well No: 1 Report number: 093012 Date: 02/04/2009



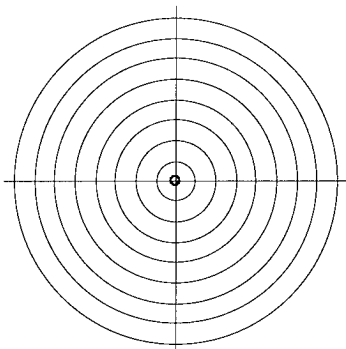
2009.0 ft / 2 ft²



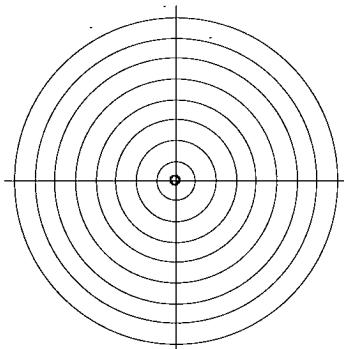
2010.0 ft / 2 ft²



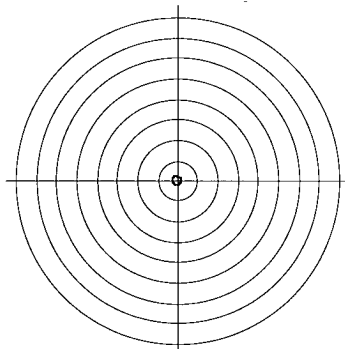
2015.0 ft / 2 ft²



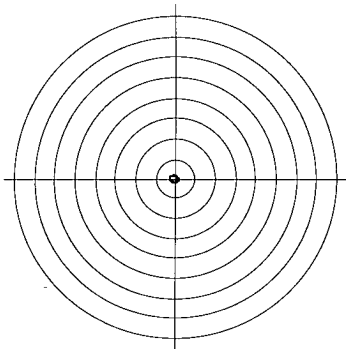
2020.0 ft / 4 ft²



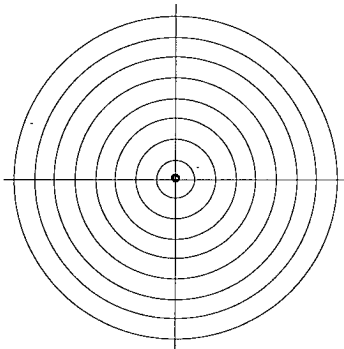
2025.0 ft / 4 ft²



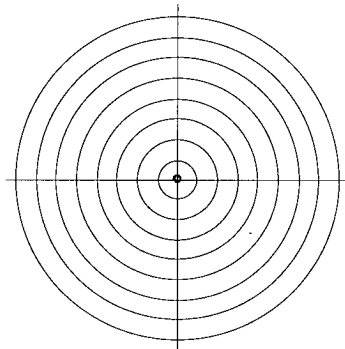
2030.0 ft / 3 ft²



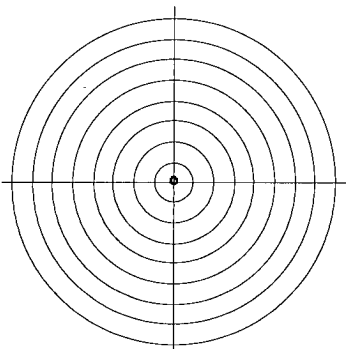
2035.0 ft / 3 ft²



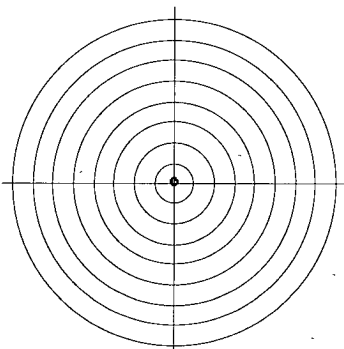
2040.0 ft / 2 ft²



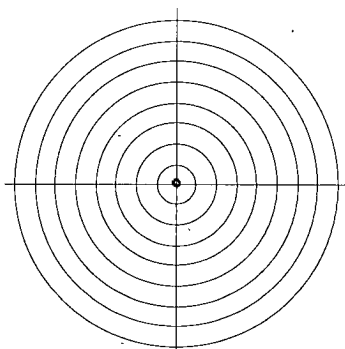
2045.0 ft / 2 ft²



2050.0 ft / 2 ft²



2055.0 ft / 2 ft²



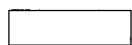
2060.0 ft / 2 ft²

The distance between 2 circles equals 5 ft

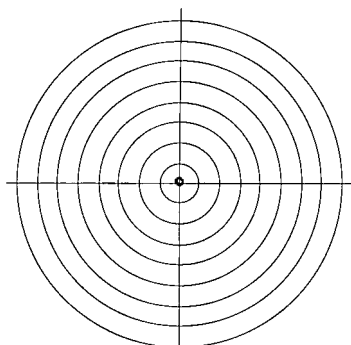


SOCON Sonar Well Services, Inc.

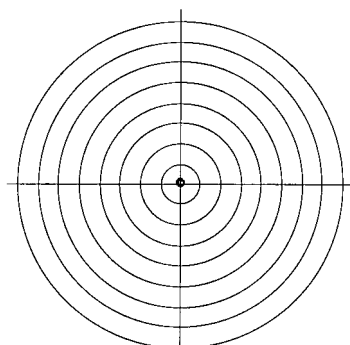
Horizontal slices 13 - 24



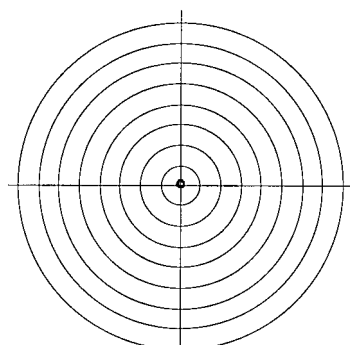
Cavity: KTS Brine Well No: 1 Report number: 093012 Date: 02/04/2009



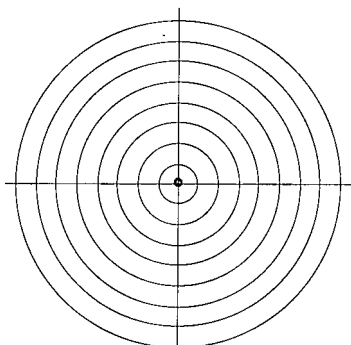
2065.0 ft / 2 ft²



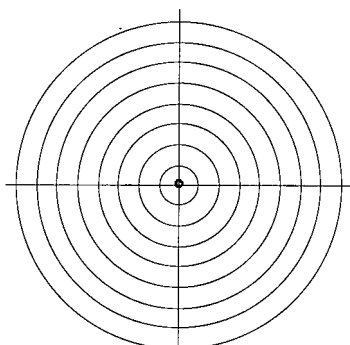
2070.0 ft / 2 ft²



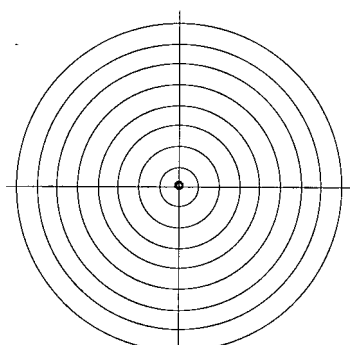
2075.0 ft / 2 ft²



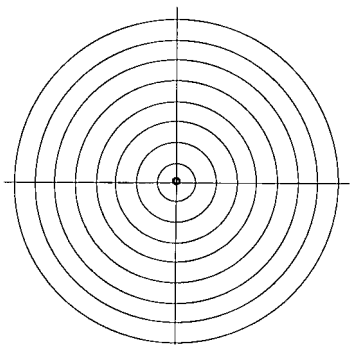
2080.0 ft / 2 ft²



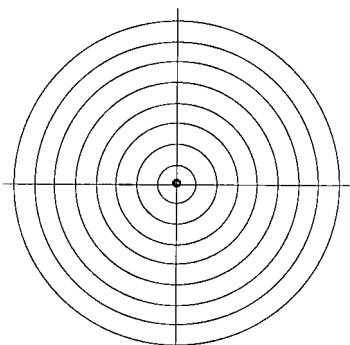
2085.0 ft / 2 ft²



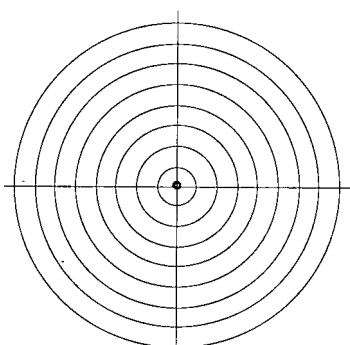
2090.0 ft / 2 ft²



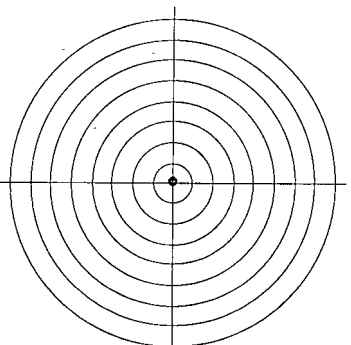
2095.0 ft / 2 ft²



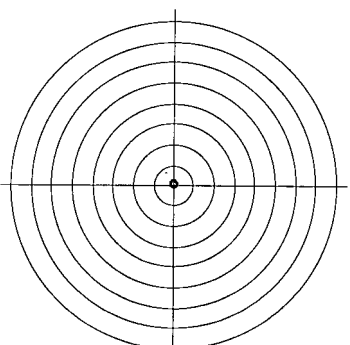
2100.0 ft / 2 ft²



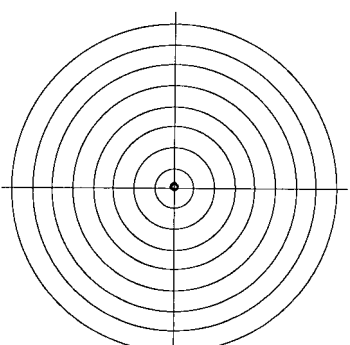
2105.0 ft / 2 ft²



2110.0 ft / 2 ft²



2115.0 ft / 2 ft²



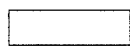
2120.0 ft / 2 ft²

The distance between 2 circles equals 5 ft

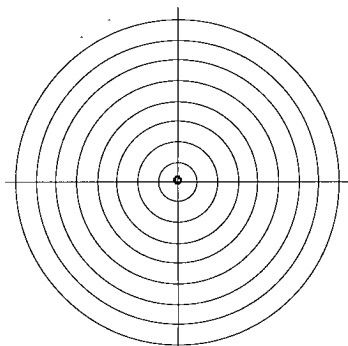


SOCON Sonar Well Services, Inc.

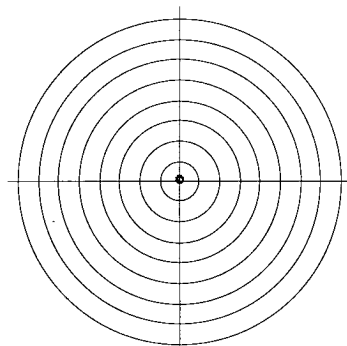
Horizontal slices 25 - 36



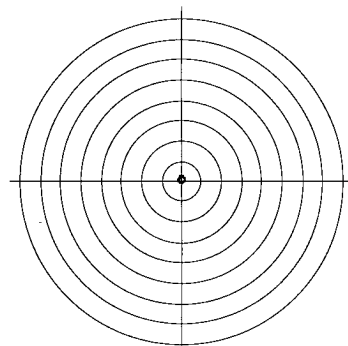
Cavity: KTS Brine Well No: 1 Report number: 093012 Date: 02/04/2009



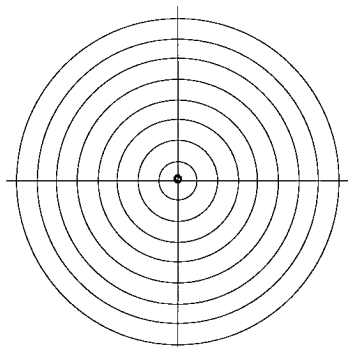
2125.0 ft / 2 ft²



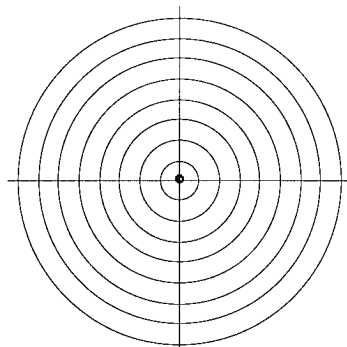
2130.0 ft / 2 ft²



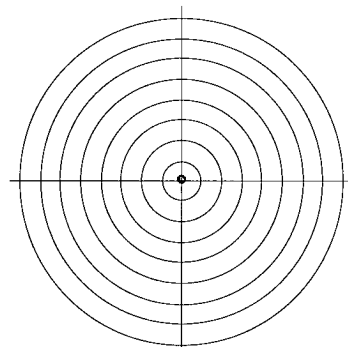
2135.0 ft / 2 ft²



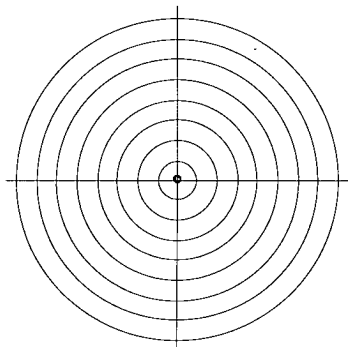
2140.0 ft / 2 ft²



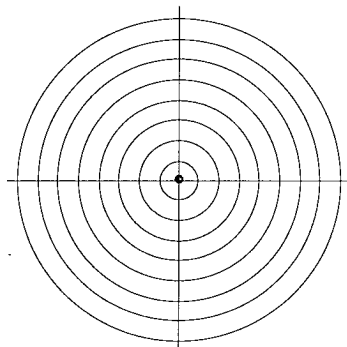
2145.0 ft / 2 ft²



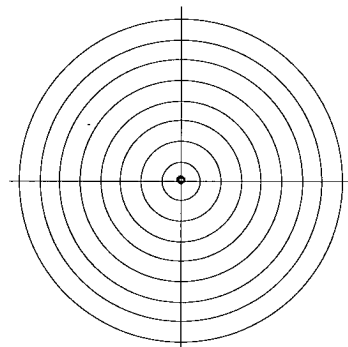
2150.0 ft / 2 ft²



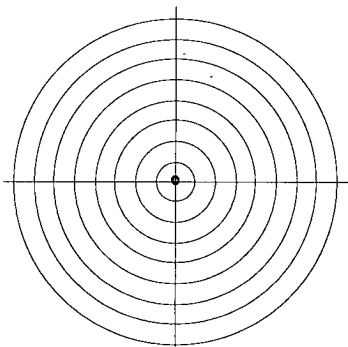
2155.0 ft / 2 ft²



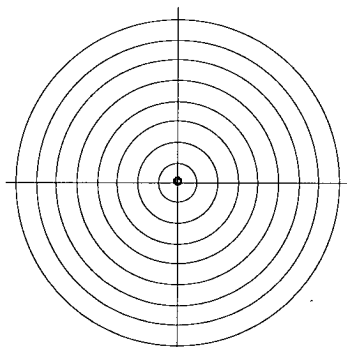
2160.0 ft / 2 ft²



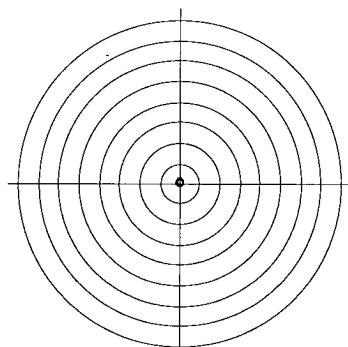
2165.0 ft / 2 ft²



2170.0 ft / 2 ft²



2175.0 ft / 2 ft²



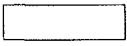
2180.0 ft / 2 ft²

The distance between 2 circles equals 5 ft

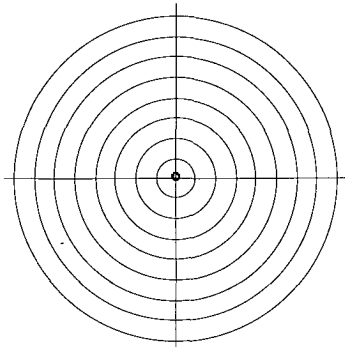


SOCON Sonar Well Services, Inc.

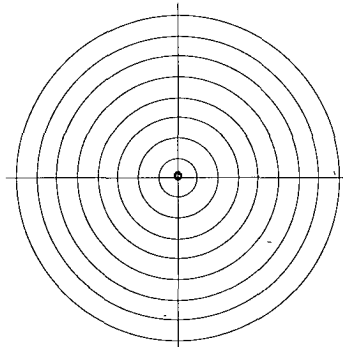
Horizontal slices 37 - 48



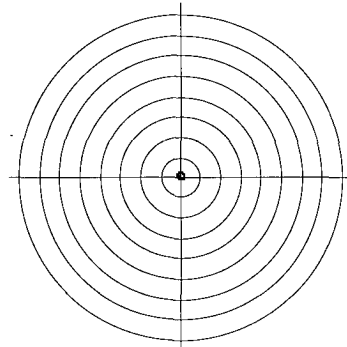
Cavity: KTS Brine Well No: 1 Report number: 093012 Date: 02/04/2009



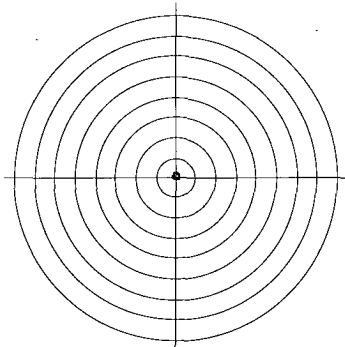
2185.0 ft / 2 ft²



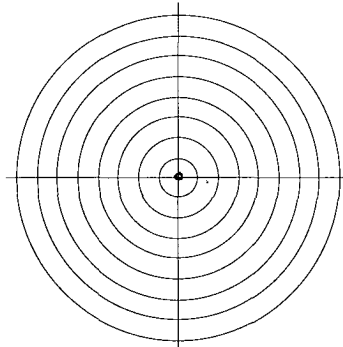
2190.0 ft / 2 ft²



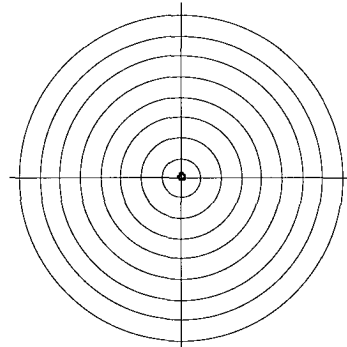
2195.0 ft / 2 ft²



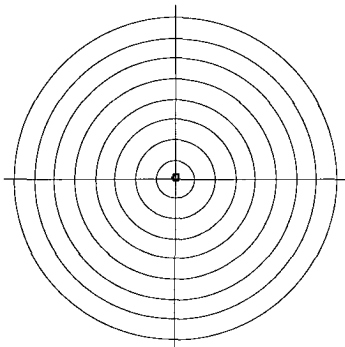
2200.0 ft / 2 ft²



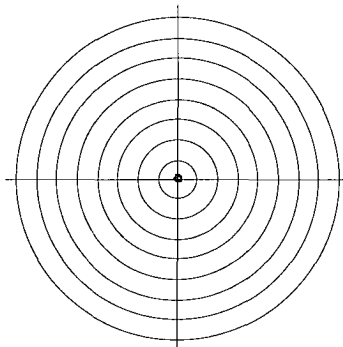
2205.0 ft / 2 ft²



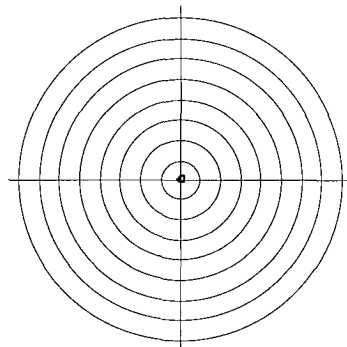
2210.0 ft / 2 ft²



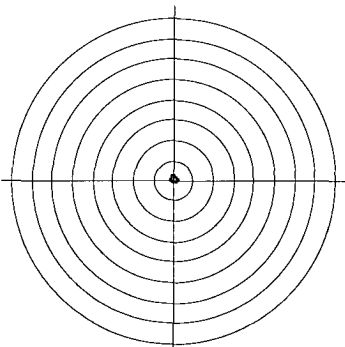
2215.0 ft / 2 ft²



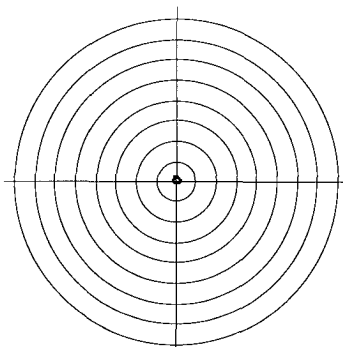
2220.0 ft / 2 ft²



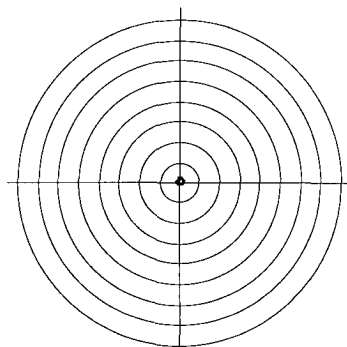
2225.0 ft / 2 ft²



2230.0 ft / 2 ft²



2235.0 ft / 2 ft²

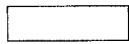


2240.0 ft / 2 ft²

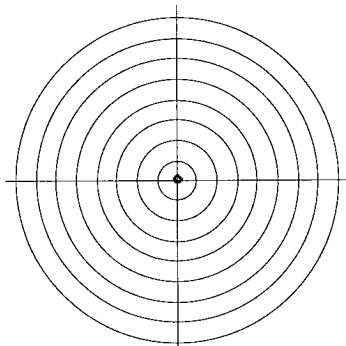


SOCON Sonar Well Services, Inc.

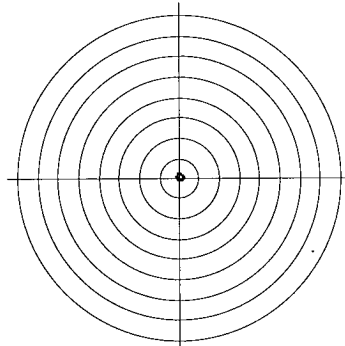
Horizontal slices 49 - 60



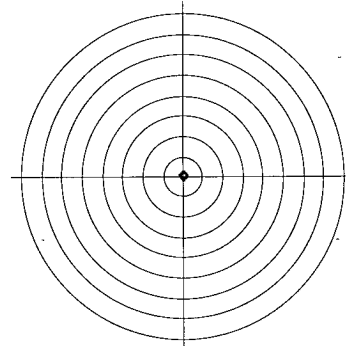
Cavity: KTS Brine Well No: 1 Report number: 093012 Date: 02/04/2009



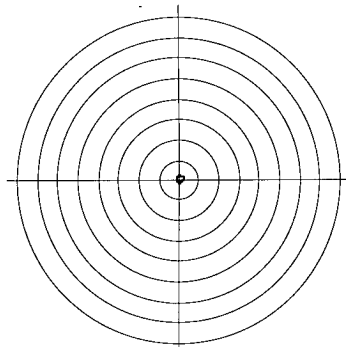
2245.0 ft / 2 ft²



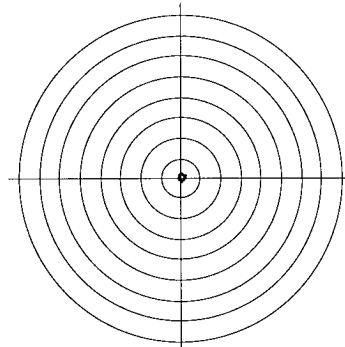
2250.0 ft / 2 ft²



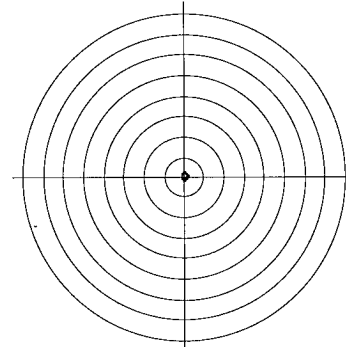
2255.0 ft / 2 ft²



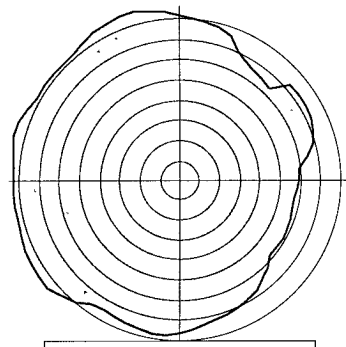
2260.0 ft / 3 ft²



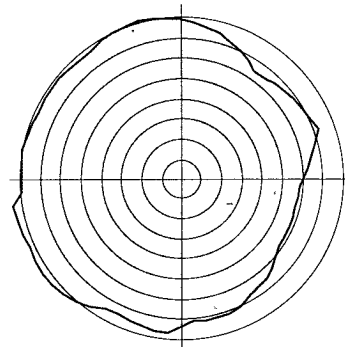
2265.0 ft / 2 ft²



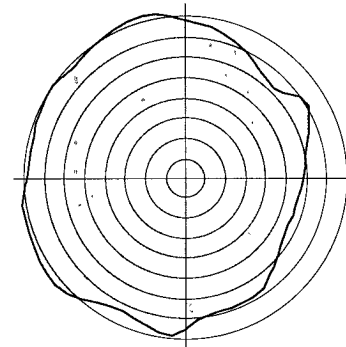
2266.0 ft / 2 ft²



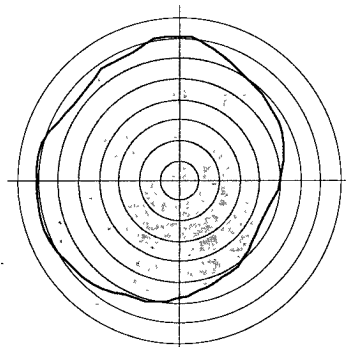
2267.0 ft / 4411 ft² (max)



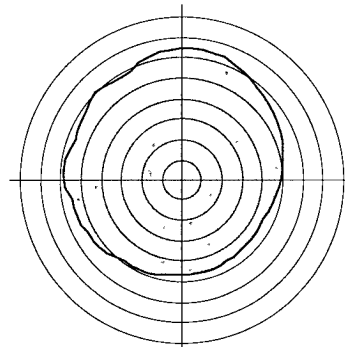
2270.0 ft / 4197 ft²



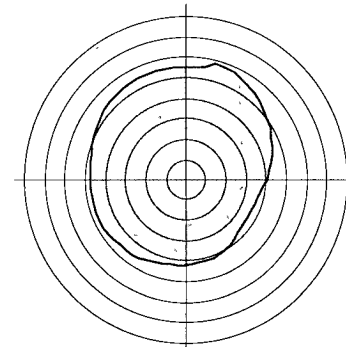
2275.0 ft / 4116 ft²



2280.0 ft / 2936 ft²



2282.0 ft / 2276 ft²

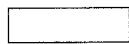


2284.0 ft / 1739 ft²

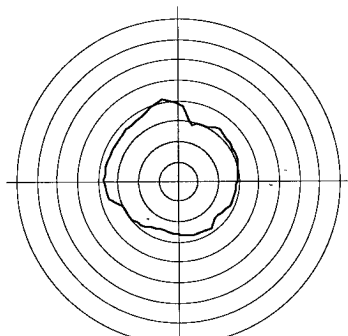


SOCON Sonar Well Services, Inc.

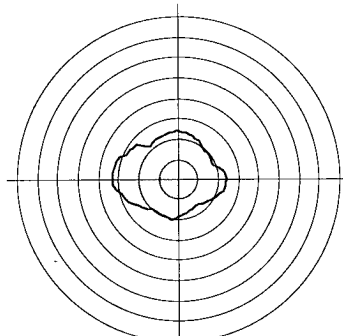
Horizontal slices 61 - 64



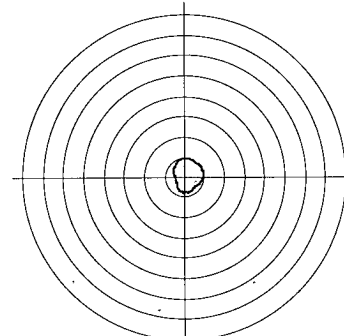
Cavity: KTS Brine Well No: 1 Report number: 093012 Date: 02/04/2009



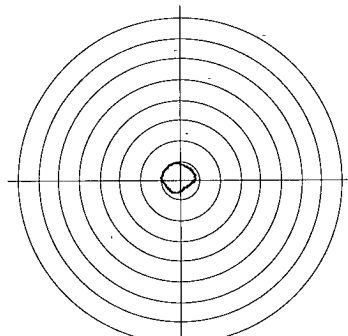
2286.0 ft / 778 ft²



2288.0 ft / 405 ft²



2290.0 ft / 46 ft²



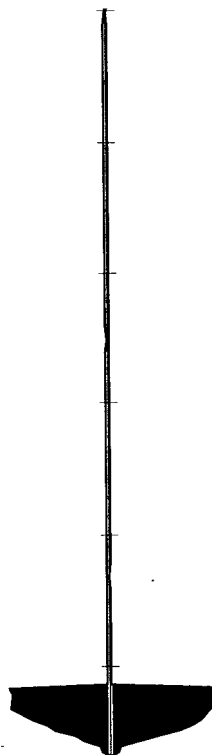
2292.0 ft / 42 ft²



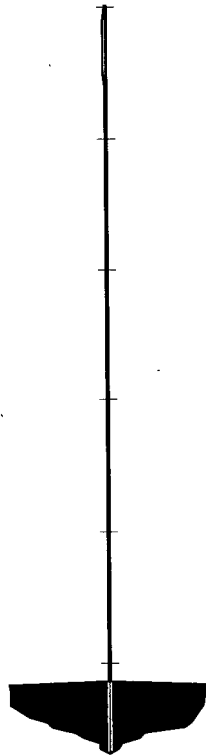
SOCON Sonar Well Services, Inc.

Vertical slices 1 - 6

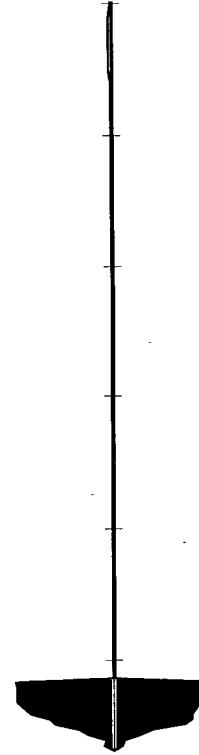
█ Cavity: KTS Brine Well No: 1 Report number: 093012 Date: 02/04/2009



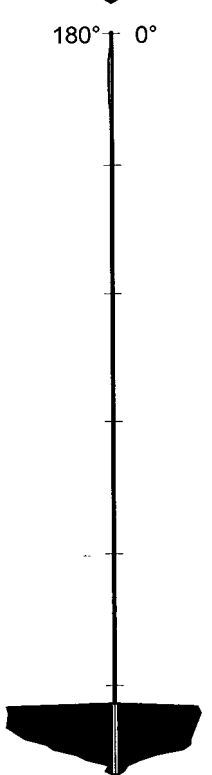
180° 0°



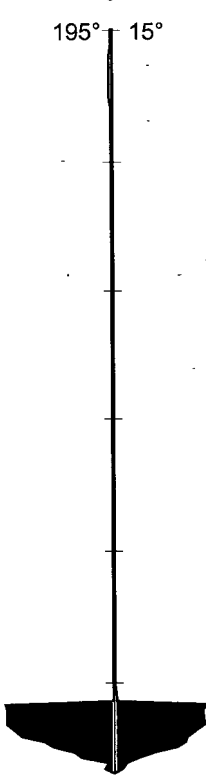
195° 15°



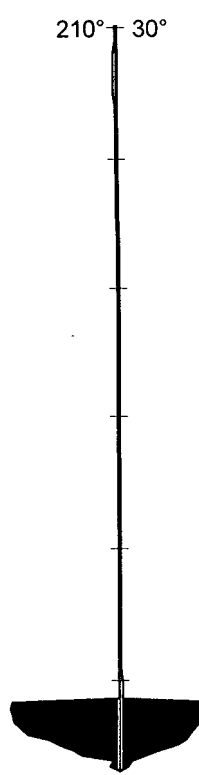
210° 30°



225° 45°



240° 60°



255° 75°

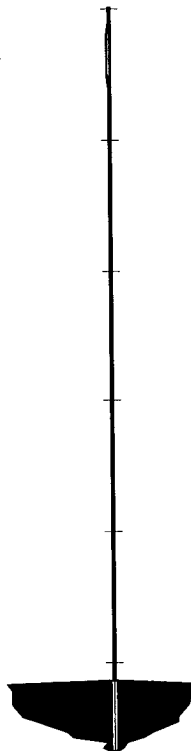
Range from 2009 ft to 2294 ft, step 50 ft



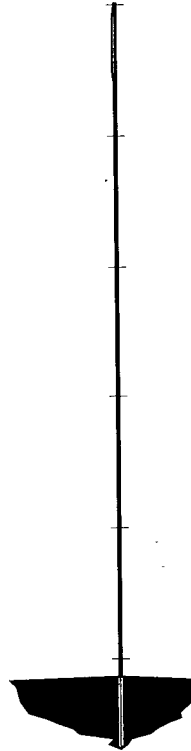
SOCON Sonar Well Services, Inc.

Vertical slices 7 - 12

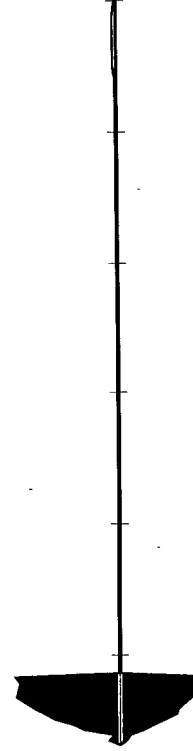
█ Cavity: KTS Brine Well No: 1 Report number: 093012 Date: 02/04/2009



270° 90°



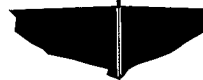
285° 105°



300° 120°



315° 135°



330° 150°



345° 165°

Range from 2009 ft to 2294 ft, step 50 ft