

Oceano Community Services District

1655 Front Street, P. O. Box 599, Oceano, CA 93445 (805) 481-6730 FAX (805) 481-6836

Board of Supervisors County of San Luis Obispo County Government Center San Luis Obispo, California 93408 February 8, 2012

RE:

Sea Water Intrusion In Oceano

Dear Sirs,

The Oceano groundwater supply is not threatened with seawater intrusion. We are aware that there has been information provided to the public that Oceano's groundwater supply is threatened by seawater intrusion. The incident in 2009 exhibited characteristics of saltwater intrusion but it has since to be repeated and it also should be noted that the well in question was in great disrepair. This was corrected by the county maintenance crew and at no time since has it exhibited anymore characteristics of seawater intrusion.

At the time that this sentry well was tested, there were significant external contaminants. The Board at the time was directed by its contracted engineer to take a position that the event was actually a benefit because it would elevate the priority level in case of any state water contractor allocation cutbacks. This same engineer is on contract with several San Luis Obispo agencies to which this information has been exploited to their benefit.

We normally would have accepted this without comment, but the level of exploitation of this anomaly has reached critical mass and is being quoted from everything from commercial development, other agencies needs and willful suspensions of the truth.

Sincerely.

MATTHEW G. GUERRERO

President-

RICHARD SEARCY

Director

LORI ANGELLO

Director

MARY LUCEY

Vice-President

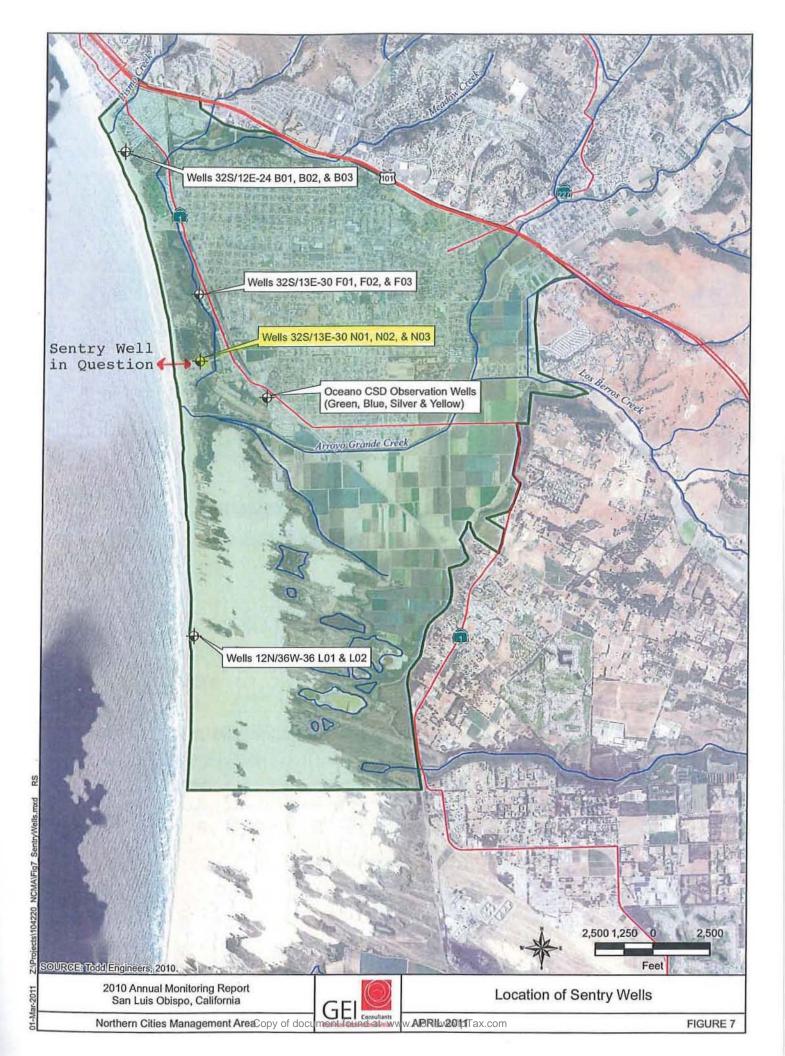
FELMA HURDLE

Director

TOM GEASLEN

Interim General Manager

attachments



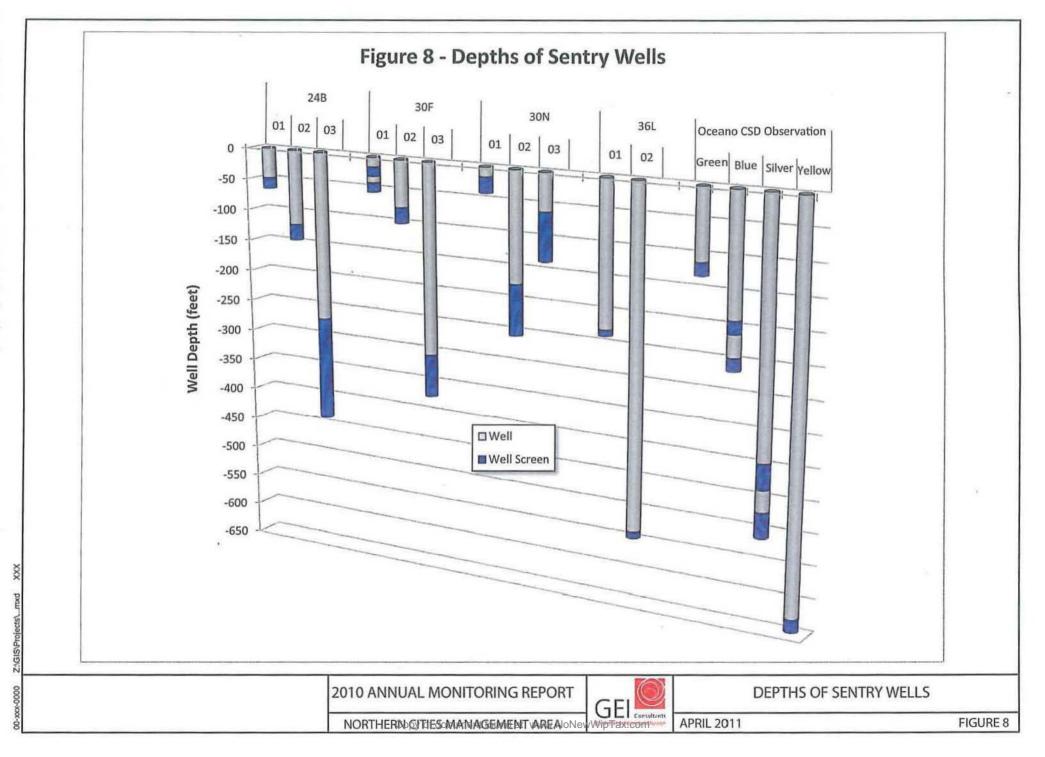


Table 6b: Northern Cities Sentry Well Water Quality Data Summary

able ob:	Northern Cities Senti	y well	water	Quality	Data Su							
Well	Production Interval	Date	Depth to Water (feet)	Groundwater Elevation (feet NAVD)	Total Dissolved Solids (mg/L)	Chloride (mg/L)	Sodiur (mg/L					
32S/13E-30F03	Screened from 305-372	1/24/2011	12.67	10.64	650	46	36					
		10/28/2010	NA	NA	650	46	37					
		10/21/2010	6.62	16.69	NA	NA	NA					
		7/26/2010	17.32	5.99	608	45	43.8					
		4/27/2010	11.38	9.02	668	48	40.8					
		1/28/2010	10.98	9.42	656	40	43.1					
		10/19/2009	14.18	6.22	626	48	43.3					
		8/19/2009	20.23	0.17	672	45	43.1					
		5/12/2009	17.68	2.72	678	49	44.8					
		3/27/1996	NA	NA	686	41	40					
		6/7/1976	NA	NA	616	43	41					
		1/19/1966	NA	NA	642	69	49					
32S/13E-30N01	Screened from 15-40	1/24/2011	8.18	7.35	870	180	100					
	· · · · · · · · · · · · · · · · · · ·	10/21/2010	9.99	5.54	890	190	120					
		7/27/2010	8.97	6.56	917	200	130					
		4/27/2010	6.14	7.36	808	150	130					
		1/26/2010	4.90	8.60	902	210	155					
		10/20/2009	6.53	7.00	828	200	159					
		8/20/2009	6.71	6.82	835	160	150					
		5/11/2009	6.03	7.50	960	180	175					
32S/13E-30N03	Screened from 60-135'	1/04/0011	6.60	0.7E	E70	76	1 40					
325/13E-30N03	Screened from 60-135	1/24/2011	6.68 10.76	8.75 4.67	570 550	69						
		7/27/2010	9.53	5.90	528	72						
		4/27/2010	6.14	7.36	672	89						
		1/26/2010	5.88	7.62	606	110						
		10/20/2009	6.56	6.94	806	180	93.3					
		8/20/2009	7.50	6.00	1,070	190	151					
		5/12/2009	6.33	7.17	602	97	63.4					
		3/27/1996	NA	NA	624	70	62					
		6/7/1976	NA	NA	705	90	54					
		1/21/1966	NA	NA	804	57	54					
32S/13E-30N02	Screened from 175-255'	1/24/2011	3.67	11.76	1,050	50	60					
OLGI IGL-GUIYUZ	Outdolled Holli 175-200	10/21/2010	10.42	5.01	1,040	48	52					
		7/27/2010	10.02	5.41	777	57						
	i	4/27/2010	5.26	8.27	800	93	71.9					
	1	2/25/2010	1.72	11.78	1,000	48	71.4					
Confirmation Sample	e Collected from Pump Discharge at End of Purge:	2/25/2010	1.72	11.78	1,010	74	0 43. 8 43. 8 43. 5 43. 9 44. 1 44. 3 41. 9 45. 30 10. 60 12. 00 13. 60 15. 60					
ACCOUNT COMMENT STATES AND AND ASSESSMENT ASSESSMENT AND ASSESSMENT ASSESSMENT AND ASSESSMENT ASSE	ion Sample Collected by Standard Method (Bailer):	1/26/2010	3.72	9.78	970	50	74.2					
F-1 111 111		10/20/2009	7.38	6.12	2,080	690	274					
	i	8/20/2009	11.94	1.56	1,350	500	199					
		5/11/2009	6.98	6.52	1,290	170	129					
		3/27/1996	NA	NA	1,050	50	71					
		6/7/1976	NA	NA	1,093	48	62					
		1/21/1966	NA	NA	1,069	54	71					
12N/36W-36L01	Screened from 227-237	1/04/0011	17.04		900	44	EF					
121W30W-30LU1	Screened from 227-237	1/24/2011	17.61 20.75	8.68 5.54	890 910	41 38						
		7/27/2010	21.18	5.11	707	36						
		4/26/2010	15.94	8.06	860	42						
			10.04	0.00		38	72.0					
			17.70	6 28	3455							
		10/21/2009	17.72 19.16	6.28	856 890							
		10/21/2009 8/20/2009	19.16	4.84	890	39	78.0					
		10/21/2009					78.0 83.8 66					

Period of Elavated NA/CL

Table 6a: N	Iorthern Cities Sentry V	Vell Wa	ter Qua	lity Data S	Summary	A.																					
Well	Construction	Top of Casing Elevation (Inst.HAVD)	Date	Depth to Water (feet)	Groundwater Elevation (feet NAVO)	Total Dissolved Solids (mg/L)	Colorida (mg/L)	Sodium (mgt.)	Puterslum (mgt.)	Cultitum (mg/L)	Magneston (mg/L)	Eucoz) (mg/L)	(mg/L)	Hittale (reg/L)	Tetal Hjelgali Mikrogen (MgA)	BHIR (mg/L)	Plotelda (mg/L)	todate (mg/L)	Mangarana (mg%)	Eramide (Pigel)	(Mg/L)	Carbonale (se CaCO3) (mpt)	Hydraelde (se CaCO2) (mg/L)	Specific Conductance (umbasicm)	(mg/L)	Bounda / Chieride Ratio	Chitachile / Bromble Ratio
329/13E-50/03	Screened from 60-133* + 2-inch diameter	15.61																									
	the est serviceation in 6009 to estate for the TOO elevation. Part devoted not have been serviced to the termination of the TOO allowation prior to renovation (Approximate)	15.53	1/24/2010 10/21/2010 7/27/2010 4/27/2010 1/26/2010 10/20/2009 8/20/2009 5/12/2009 5/12/2009 5/12/2009 1/21/19/20	6.69 10.76 0.53 6.14 8.68 6.56 7.50 4.33 16A 16A	8.75 4.67 5.90 7.36 7.63 6.94 6.00 7.17 16A 16A	\$10 550 538 672 606 806 1,079 607 624 705 804	76 69 72 69 110 180 190 37 70 90	45 59 55.1 60 R 75.0 93.3 151 63.4 62 34	48 33 3.41 3.60 4.51 25.5 81.6 3.96 4 2.8	55 65 68.7 70.6 77.8 92.3 112 22.8 28 69 132	25 31,0 32,5 34,3 41,5 44,2 32,2 32,3 43,50	130 133 139 134 126 162 139 122 159 183 410	130 130 130 130 130 130 130 130 120 120 161 168 250	15.0 14.0 14 5.7 18 7iA 105.8 112.5	<1.0 <1.0 <0.10 <0.50 1.4 2.2 3.4 16A 16A 16A	0.12 <0,1 0.0672 0.0779 6.0654 14A HA 0.13 0.09	0.1 0.14 0.18 0.18 0.15 0.26 9.00 0.22 FGA 0.5	40.10 NA 0.11 0.11 40.10 40.10 60.10 16A 16A	0.0088 <0.005 <0.00500 <0.00500 0.00500 0.0150 0.245 0.151 24 86A 86A 86A	1.7 1.1 1.2 1.3 1.4 1.6 1.2 1.6 1.6 1.2 1.6 1.6 1.6	130 133 134 134 136 162 130 122 16A 16A	<2.0 <10 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 1.0 IA	<2.0 <10 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 EAR	900 656 860 870 990 1,700 900 14A 16A	<0.1 <0.100 <0.100 <0.100 0.653 0.344 1.93 2.34 91A 91A	0.0224 0.0159 0.0181 0.0135 0.0118 0.0078 0.0034 0.0124 56A 56A 16A	45 63 55 74 85 128 118 81 14A 16A
325/13E-30(102	Screened from 175-255' - 2-inch diameter	15.41														1 004 1	95	110	765	-						- 101	
	hand recording to A0010 active to the TOC alwades Paid elevation NAVO 88 TOC elevation prior to renovation (Approximate) Confirmation Energie Culturals than Pump Dischar (Destination Energie Culturals than Pump Dischar (Destination Energie Culturals to Dischar (Destination Energie Cultural)	13.53 13.5 prestingent/fuge	1/24/2011 10/21/2010 7/27/2010 4/27/2010 2/25/2010 2/25/2010 1/26/2015	3.67 10.42 10.02 5.26 1.72 1.72 3.72	11.76 6.01 5.41 8.27 11.78	1,030 1,040 777 800 1,000 1,010	50 48 57 93 48 74	60 52 67.6 71.9 71.4 78.9	6.4 3.5 7.31 12.50 4.70 10.2	120 100 141 108 141 138	40 45 50.5 45.7 58.1 55.8	190 181 150 159 195 195	490 450 470 300 490 440	0.3 7.0 0.16 0.13	<1.0 <1.0 3.5 3.2 <0.10 2.4	0.17 <0.1 0.138 0.123 0.15 0.143	0.17 =0.1 < 0.10 0.13 0.15 0.18	*0.10 PIA 0.11 0.11 < 0.10 < 0.10	0.054 +0.005 0.102 0.0775 0.0003	<0.1 <0.5 0.20 0.7 0.10 0.24	190 181 190 159 199 189	<2.0 <10 < 1.0 < 1.0 < 1.0 < 1.0	<2.0 <10 <1.0 <1.0 <1.0 <1.0	1,360 1,377 1,500 1,100 1,300 1,400	0.12 <0.1 3.43 3.27 3.30 1.40	NA NA 0.0019 0.0075 0.0033 0.0032	11A 11A 204 133 300 308
Readi	ings in	ed Dy Could (Barbag	1000016 10000009 8000009 5/11/0009 3/2//1996 6///1976 1/21//1966	7.36 11.54 6.66 NA 1/A	9.78 6.12 1.56 6.52 11A 1(A	2,000 1,350 1,290 1,000 1,003	50 693 500 170 50 48	74.2 274 199 129 71 62	4.77 151 80.2 82 6.5 4.7	152 228 523 137 145 150	62.2 101.0 49.0 66.5 60	193 220 109 178 243 248	516 400 229 470 516 484	<0.10 6.4 11A	< 0.56 7.0 8.3 94A 94A 94A	0.201 HA HA 0.23 0.13		40.10 0.81 0.14 NA NA	4 8 00500 8 308 8 308 8 178 11A 11A	2.0 2.8 0.56 16A 16A	195 220 199 176 11A 16A	< 1.0 < 1.0 < 1.0 < 1.0 HÅ	< 1.0 < 1.0 < 1.0 < 1.0 IIA	1,300 2,800 2,100 1,800 11A	4.0.100 8.50 4.81 8.24 PIA HA	0.0032 0.0039 0.0056 0.0033 HA HA	178
12H26W-26L01	Screened from 227-237 - 2-inch stameter	26,29	1/21/1906	T FEB.	ILA	1,069	.54	71	- 1	148	63	233	483	0	HA	0.12	0.5	NA	NA	HA	HA	HA	HA	HA	NA.	HA	144
3	1 - Seen stanters and elementors in 2010 ability to the TOC deviation Pad division IAND 68 TOC elevation polar to recovering (Approximate)	231	1/24/2011 10/21/2010 2/27/2010 4/25/2010 16/21/2009 8/25/2009 5/11/2009 3/25/2076 6/07/276	17.61 20.75 21.18 15.94 17.72 19.16 12.62 10A	8.54 5.51 8.00 6.29 4.84 6.33 NA	890 810 787 860 836 830 832 832 832	41 38 35 42 28 29 63 35 35	55 76 61.2 70.3 72.0 78.6 83.8 66 72	8.1 3.6 3.70 4.12 4.64 6.21 4.68 4.8 4.8 3.8	98 130 127 129 131 138 111 124 130	38 47 47,4 48,9 48,2 48,1 45,4 47	160 160 182 191 192 184 204 233 222	436 398 330 408	0.45 0.45 0.49	41.0 41.0 40.55 0.37 0.54 0.56 NA HA	0.20 0.10 0.158 0.223 0.150 76A 10A 0.24 0.15	<0.10 <0.10 <0.1 0.12 <0.10 0.12 HA	<0.10 HA < 0.10 0.13 < 0.10 c 0.10 HA HA	40,005 40,003 40,00500 0,005 0,0094 0,165 0,551 10A	40.1 40.3 6.11 0.14 0.13 8.55 0.22 NA	150 162 162 191 192 194 204 16A 16A	<20 <10 <1.0 <1.0 <1.0 <1.0 <1.0 1.0 81.0 81.0	<2.0 <10 <1.0 <1.0 <1.0 <1.0 <1.0 HA	1,200 1,213 1,100 1,100 1,100 1,200 1,200 1,300 1,4 14 14	<0.1 <0.10 <0.100 4.53 1.66 2.03 4.02 FIA FIA	HA 11A 0.0031 0.0032 0.0034 0.0034 0.0035 11A 12A	NA NA 327 200 292 273 665 NA NA
123104M-36F05	Screened from 535-549' - 2-inch diameter	26.39	150 (1057/01)	10 324 10																						and the second	
	ned servation in 67010 action for the TDG develop Pad divortion FAVID BB TDC elevation jeller to renevation (Aggressimstra)	239 2398 240	1/2/4/3011 10/21/2019 7/27/2010 4/25/2019 10/21/2009 5/11/2009 5/11/2009 3/25/1006 5/11/2009	9.37 19.77 20.53 9.24 17.65 19.15 14.28 16A NA	16.92 6.52 5.76 14.76 6.35 4.85 8.62 16A	800 770 737 730 838 768 775 772 800	120 120 110 100 93 100 120 127 128	95 130 121 118 113 131 131 132 130	7,6 7,6 7,61 6,69 6,15 6,65 7,24 8,7 6,8	75 69 91.1 65.4 61.6 89.8 84 66	30 44 38.9 52.4 23.0 36.8 29.7 28 44	300 275 298 218 172 290 254 300 332	160 190 210 200	< 0.10 < 0.10 HA 0.2	2.3 3.4 4.0.63 6.77 3.2 3.8 66A 61A 61A	0.39 0.48 0.427 0.382 0.268 HA HA 0.5	0.16 40.1 0.10 0.2 0.23 0.18 0.18 HA	1.31 11A 0.77 0.28 57 0.37 16A 14A	0,13 0.16 0.160 0.167 0.128 0.307 0.428 11A	0.53 0.54 0.60 0.7 0.61 0.78 0.78 0.78 10A	300 275 268 215 172 290 284 NA	<10 <10 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 HA	<2.0 <10 <1.0 <1.0 <1.0 <1.0 <1.0 in the second of the sec	1,270 1,293 1,200 1,100 910 1,200 1,500 81A 81A	1.40 0.12 0.643 3.870 0.255 0.830 0.958 64A	0.0044 0.0045 0.0073 0.0070 0.0062 0.0075 0.0065 16A	226 222 138 143 162 133 154 16A
Oceand M//-Green	Screened from 110-1307 - 3-inch diameter	30.86																									
Scenario	Carlog artisted to concrete paid Paid elevation above MSL, approximate All abrections relative to MSL.	+4.14 35.0	1/24/2011 10/28/2010 10/21/2010 7/26/2010 4/26/2010 1/27/2010 10/20/2009 8/18/2009 5/16/1583	105.59 16A 112.71 85.61 63.90 43.71 29.30 24.53 15.00	171.56 NA -81.65 -61.75 -33.04 -12.65 1.66 8.31 15.08	310 290 11A 434 580 460 362 420 668		22 26 16A 34.2 47.7 45.0 29.6 48.4 49	8.1 0.3 14A 1.03 8.7 25.4 2.92 3.37 15A	34 64 81A 61.7 86.1 882 19.2 43.8 85	9.2 11 16A 29.4 48.3 124 45.1 20.4 65	19.0 100.0 11A 30.0 62 112 76.6 17.6 366	83 68 1(A 210 310 100 110 54 90	< 0.10 < 0.10 0.56	<1.0 <1.0 NA <0.00 0.64 NA <0.59 1.1 NA	<0.1 40.1 NA 0.0435 <0.02 <0.0250 0.0897 NA NA	0.2 0.2 NA 0.58 <0.1 0.21 <0.10 <0.10	4.47 HA HA 0.92 0.56 0.29 < 0.10 0.25 HA	0.4 0.85 71A 1.45 2.54 32.4 6.242 1.76 6.61	0.63 0.36 NA 0.32 0.31 0.49 0.39 0.49	12.0 160.0 14A 20.0 62.0 112.0 60.0 17.6	<2.0 <10 HA <1.0 <1.0 <1.0 <1.0 1.0 1.0 1.0	<2:0 <10 11A <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	480 520 11A 690 880 760 290 890 890	10 28 11A 25 233 4,560 11.A 242 6,10	0.0054 0.0014 NA 0.0038 0.0037 0.0038 0.0042 0.6043 FEA	156 225 11A 268 268 265 235 235 11A
Mil-Shat	+3 inch diameter Cating refailer to concrate pad	30.91	1/24/2011	24.67	9.70	600	110 I	60 [17	64 1	22	5.0	330	+0.00 T	<1.0	40.1	0.22	0.94 T	0.16	0.51 T	112	6.2	-20 I	1,040	1 10.0	0.0018	355
	Pad elevation above MSL, approximate All elevations relative to MSL.	35.0	10/21/2010 7/26/2010 4/26/2010 1/27/2010 10/26/2000 8/15/2000 8/16/15/03	30.11 24.74 18.52 27.06 27.50 24.65 13.30	0.60 6.17 12.33 8.65 3.41 6.26 17.61	770 783 1,150 1,740 2,290 302 840	100 130 169 430 1,000 150 80	68 60.1 70.2 55.6 19.5 93.2 90	12 8.18 6.48 4.58 2.40 16.7	88 142 208 282 487 23.9 100	31 42.0 50.7 43.0 22.5 12.1 50	14.0 2.8 6.4 <1.0 8.0 3.0 250	380 450	<0.10 <0.10 <0.10 <0.10 <0.10 <0.10	<0.50 0.56 <0.50 0.80 1.3 66A	<0.1 < 0.0200 < 0.02 0.0819 0.0532 NA HID	0.39 0.29 0.23 0.14 0.13 0.19	HA 0.31 0.54 0.41 <0.10 0.5 HA	0.054 2.97 3.10 8.41 13.1 0.7 0.14	+0.3 0.8 1.0 2.0 4.5 0.74	14.0 2.8 8.4 <1.0 5.0 23.0 200.0	<1.0 <1.0 <1.0 <1.0 <1.0 <1.0 20.0 51D	<10 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0 <	1,163 1,200 1,600 2,300 3,100 640 1,200	2.2 502 383 170 226 153 0.10	81A 0.0059 0.0061 0.0047 0.0045 0.0049	169 165 215 222 203 NA
MW-Silver	Screened from 305-435' and 470-519 - 3-birth displace	30.85												-													
	Casing stative to concente and. Pad clevision ellove IASL, approximate All elevisions relative to IASL.	-£13 25.0	1/24/2011 10/21/2010 7/24/2010 4/24/2010 1/27/2010 10/20/2009 8/18/2009 9/14/1983	22.52 29.11 24.24 19.04 21.05 27.52 29.34 13.50	12.61 1,74 5.61 11.61 9.8 3.33 1.51 17.25	440 460 478 452 498 564 522 630	90 90 63 83 71 71 100 40	95 110 109 83 92.2 80.8 148 40	8.2 18 5.84 7.42 10.8 8.63 71.6	3.4 8.8 92.9 29.3 22.9 33.2 95.2	27 32 20.4 34.5 39.1 49.8 6.42 50	90 94 122,0 72,9 13,0 49,6 90,0 339	140 140 34 190 230 310 3.5 60	<0.10 <0.10 <0.10 <0.10 <0.10 <0.10 <0.10	<1.0 <1.0 <0.50 0.58 <0.50 ×0.50 1.7 11A	0.134 0.323 0.148 NA	0.1 < 0.10 < 0.10 < 0.10 < 0.10	0.54 HA 0.41 0.65 0.20 < 0.10 0.62 HA	0.041 0.1 0.477 0.702 0.604 0.337 2.36 0.02	0.35 0.38 0.56 0.4 0.29 0.32 0.76 ftA	110 124 130.0 85.0 51.0 64.0 170 330	30 8.0 14.0 33.0 14.4 140 HD	<1.0 <18 <1.0 <1.0 <1.0 <1.0 <1.0	7810 868 730 810 780 850 1,000 500	2.2 3.5 61.6 71.0 54.4 20.0 278 0.05	0.0038 0.0042 0.0067 0.0048 0.0041 0.0045 0.0042 FIA	263 237 148 208 248 222 237 11A
Diceano MW-Yelloa	Screened from 125-049' -3-inch diameter	30.89	1/24/2011 T	22.01	12.62	430		75		6.5	- 11	160	100 I	+0.03	41.0	0.22	0.11	0.66	0.070	0.00	160	40	40	760	0.49	0.0034	299
	Caping relative to concrete post Pad elevation above 1855, aggressimate All aboutions relative to MSS.	23.0	1/24/2011 1/24/2010 1/24/2010 1/24/2010 1/24/2010 1/24/2010 1/24/2010 1/24/2010 1/24/2010 1/24/2010 1/24/2010 1/24/2010	22.01 28.22 25.50 19.17 20.58 23.60 21.04 14.30	12.52 2.57 5.58 11.72 10.31 5.09 -0.18	430 410 468 418 435 440 420 770	99 100 160	73 100 53.0 87.6 79.6 97.1 101	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	6.5 6.6 10.2 14.8 15.6 16.4 93.2	31 33 32.0 37.1 38.0 37.9 29.1 fo79nd	30.4 30.4 45.0 21.0 20.6 64.4	100 120 150 180 180	<0.10 <0.10 <0.10 <0.10 <0.10 <0.10	41.0 41.0 40.59 0.63 0.56 0.56	0.14 0.142 0.132	<0.10 <0.10 <0.10 <0.10 0.15 0.16	0.32 0.38 0.18 0.10 0.31 NA	0.067 0.196 0.578 0.203 0.18 5.49	0.18 0.48 0.44 0.38 0.42 0.60	110 143 55.0 58.0 51.0 42.0 54.4 330	410 17.8 12.9 20.0 16.0 20	<10 <1.0 <1.0 <1.0 <1.0 <1.0 <1.0	796 700 769 810 760 760 750 1,100	0.66 22.4 56.2 23.6 19.5 682 0.24	0.0034 0.0061 0.0045 0.0043 0.0042 0.0038	298 81A 198 218 234 238 267 14A



Oceano Community Services District

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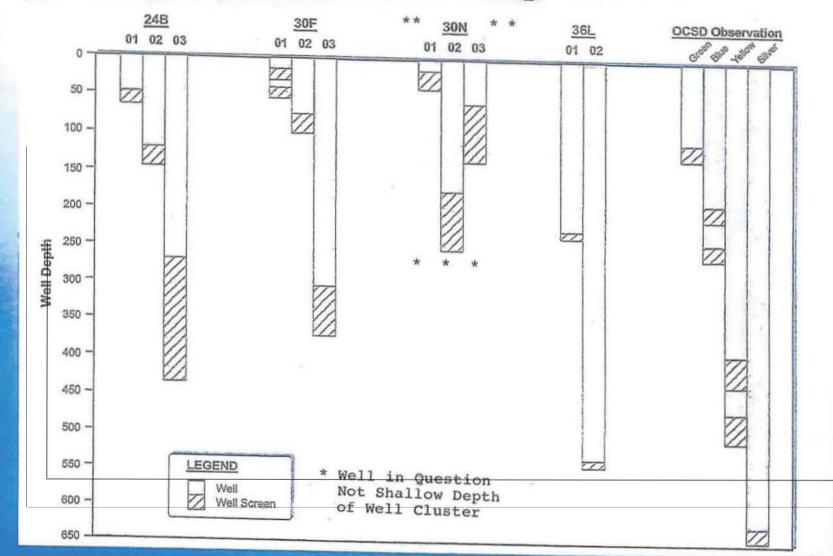
Previous Photos

of

Sentry Well

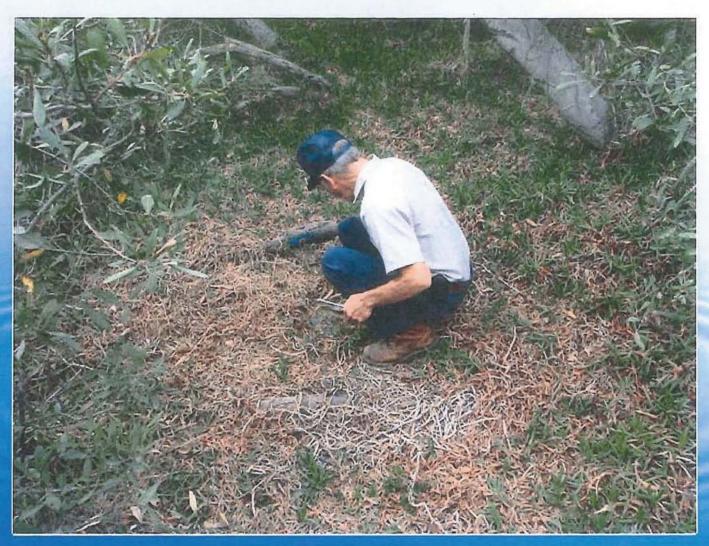


Depth of Sentry Wells





Sentry Wells NO1, 2, and 3





Monitoring Casings





Access Port





Oceano Community Services District

1655 Front Street, P. O. Box 599, Oceano, CA 93445 (805) 481-6730 FAX (805) 481-6836

Current Photos

of

Sentry Well







