

**Table 3.1
TO42 Well Installation Summary
Camp Stanley Storage Activity**

Location Data ¹ (TOC)					Drilling And Construction Data																				
Well ID	Northing	Easting	Ground Elevation	Top of Casing	Start Date	Completed (screen&seal) Date	Cored Depth	Final Reamed/ Drilled Depth	Contact Depth ²			Discrete Interval Groundwater Samples	Geophysical Log	Camera Survey	12" Steel Casing Depth	8" Steel Casing Depth	3" or 4" Nominal PVC Riser	Annular Grout Seal	Bentonite Seal	Sand Pack	3" SS Screen	4" SS Screen	Development Volume	Pump depth	Inlet Depth
	(UTM Meters)	(UTM Meters)	(feet MSL)	(feet MSL)					LGR/BS	BS/CC	CC/HS														
CS-MW1-LGR	3,286,287.93	537,050.61	1,217.40	1,219.02	07/10/02	07/10/02	existing	back-plugged 321.5 - 313.5	319	-	-	none	no	no	-	-	Sch 80	0 - 281	281 - 286 313.5 - 321.5	286 - 313.5	288 - 313	-	2,255	300	303.5
CS-MW1-BS	3,286,286.23	537,067.86	1,218.46	1,221.09	10/15/02	11/14/02	382	366	319	380	-	328 - 382	yes	no	-	328	Sch 80	0 - 333.5	333.5-338.5	338.5-366	-	340.5-365.5	496	302	353
CS-MW1-CC	3,286,287.11	537,060.27	1,218.82	1,221.39	11/14/02	12/20/02	472	420	319	379.5	454	383 - 395, 400 - 412, 420 - 432	yes	no	328.4	380	Sch 80	0 - 387.5	387.5-392.5	392.5-420	-	394.7-419.7	3,182	302	407
CS-MW2-LGR	3,286,205.86	537,443.65	1,233.81	1,235.43	07/10/02	07/11/02	existing	back-plugged 361 - 344	347	-	-	none	no	no	-	-	Sch 80	0 - 310	310 - 316 344 - 361	316 - 344	318 - 343	-	19,111	330	333.5
CS-MW2-CC	3,286,207.17	537,454.02	1,237.73	1,240.11	01/08/03	03/08/03	492	451	347	406	478	356.5-402 ^B , 405-417, 421-433, 443-455	yes	no	356.5	-	Sch 80	0 - 418.6	418.6 - 423.6	423.6 - 451	-	425.7 - 450.7	5,375	302	438
CS-MW11A-LGR	3,283,387.20	536,257.58	1,201.24	1,204.03	03/11/03	04/01/03	494	445.5	448	-	-	395 - 407, 418 - 430, 430 - 442	yes	yes	-	-	Sch 80	0 - 413	413 - 418	418 - 445.5	-	420.3 - 445.3	6,708	342	432
CS-MW11B-LGR	3,283,382.35	536,253.16	1,200.88	1,203.52	04/02/03	04/16/03	direct drill no coring	260 @ 8" backplugged 260 - 207.5	-	-	-	80 - 140, 145 - 176, 179 - 213, 217 - 260	yes	no	-	-	Sch 80	0 - 180	175 - 180 207.5 - 260	180 - 207.5	-	182 - 207	1,270	193.5	197
CS-MW12-LGR	3,286,057.77	536,451.95	1,256.40	1,259.07	09/10/02	09/19/02	382	358.5	358	-	-	301 - 313, 322 - 334, 334 - 346, 346 - 358	yes	no	-	-	Sch 80	0 - 326	326 - 330.8 358 - 382	330.8 - 358.5	-	333 - 358	4,150	302	345
CS-MW12-BS	3,286,049.66	536,451.24	1,255.44	1,258.37	10/01/02	10/08/02	direct drill no coring	408 @ 8"	358	413	-	none	yes	no	-	-	Sch 80	0 - 374	374 - 379	379 - 407.7	-	382 - 407	384	302	384
CS-MW12-CC	3,286,041.51	536,450.71	1,254.73	1,257.31	09/18/02	10/01/02	502	465.5	358	413	493	416 - 428, 430 - 442 445 - 457, 431 - 473	yes	no	-	-	Sch 80	0 - 432.5	432.5 - 437.5 465.5 - 502	437.5 - 465.5	-	440 - 465	35,891	302	452
CS-16-LGR	3,286,841.19	537,285.90	1,241.59	1,244.60	06/25/02	07/09/02	existing	back-plugged 435 - 314.5	328	-	-	none	logged 8/23/94	no	-	21' w/8" 195' w/ 7"	-	0 - 195	314.5 - 326 382 - 385.5	310 - 314.5 385.5 - 431	Open Hole	195 - 310	1,984	290 (lo-flow) 298 (5HP)	293.5 (lo-flow) 298
CS-MW16-CC	3,286,844.09	537,277.45	1,241.97	1,244.51	04/10/03	06/16/03	473	431	328	384	459	0 - 336 ^B , 190 - 202, 315 - 327, 398 - 410, 411 - 423	yes	no	335.5	393	Sch 40 4.5" Certa Lok™	0 - 399	399 - 404	404 - 431	-	406 - 431	77,883	405 (temporary 1.5HP)	405
CS-MW17-LGR	3,285,314.29	538,177.98	1,254.01	1,257.01	08/12/02	08/20/02	401	392.5	391	-	-	none	yes	no	-	-	Sch 80	0 - 359	359 - 364 392 - 401	364 - 392.5	-	367 - 392	1,443	307	380
CS-MW18-LGR	3,284,664.46	536,037.38	1,280.62	1,283.61	07/16/02	07/29/02	422	411	413	-	-	77 - 89, 379 - 391 401 - 413	yes	yes x 2	-	-	Sch 80	0 - 378	378 - 383	383 - 411	-	385 - 410	14,742	325	397.5
CS-MW19-LGR	3,285,425.70	536,650.95	1,252.71	1,255.53	07/30/02	08/09/02	382	365	366	-	-	312 - 324, 333 - 345, 353 - 365	yes	no	-	-	Sch 80	0 - 331	331 - 336 365 - 382	336 - 365	-	340 - 365	2,255	305	352.5
CS-G-LGR	3,288,128.00	537,139.00	1,324.80	1,325.47	06/26/02	06/26/02	existing	339.5	-	-	-	none	yes	no	-	155' w/ 5.5"	-	0 - 155	-	-	Open Hole	155 - 339	405	315	318.5
CS-MWH-LGR	3,288,741.14	536,634.31	1,316.01	1,319.34	08/21/02	09/12/02	382	382 (backplugged to 365)	365	-	-	none	yes	yes	-	-	Sch 40	0 - 307.5	307.5 - 312.5 365 - 382(8")	312.5 - 365	-	314.5 364.5	75,359	325 (5HP)	325
CS-1-LGR	3,288,359.35	538,556.57	1,312.94	1,315.20	02/04/03	09/24/03	existing	361	-	-	-	none	yes	no	-	258 w/ 7" O.D.	-	0 - 258	-	-	-	-	n/a	342	342
CS-WB01 (Westbay)	3,283,552.97	535,712.78	1,203.97	1,206.00	06/09/03	08/22/03	314	n/a	-	-	-	237 - 249, 297 - 309	yes	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	4,735	n/a	n/a
CS-WB02 (Westbay)	3,283,619.88	535,693.99	1,218.55	1,220.42	06/12/03	08/26/03	313	n/a	-	-	-	126 - 138, 297 - 309	yes	yes	n/a	27 w/ 4.5" Certa-Lok™	n/a	n/a	n/a	n/a	n/a	n/a	2,925	n/a	n/a
CS-WB03 (Westbay)	3,283,706.51	535,687.50	1,217.20	1,219.08	06/24/03	08/27/03	312	n/a	-	-	-	106.5 - 118.5, 117 - 129, 229 - 241, 297.5 - 309.5	yes	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	5,100	n/a	n/a
CS-WB04 (Westbay)	3,283,519.47	535,402.03	1,221.82	1,223.09	07/02/03	08/20/03	513	n/a	377	440	512.5	0-255, 304 - 316, 327 - 339, 362 - 374, 458 - 470, 476 - 488	yes	yes	n/a	21 w/ 4.5" Certa-Lok™	n/a	n/a	n/a	n/a	n/a	n/a	4,711	n/a	n/a
Off-Post Private Wells																									
JW-32	-	-	-	-	08/26/03	08/29/03	drilled w/out coring	520 @ 6"	382	443	-	none	yes	no	-	240 w/ 6" Certa-Lok™	Sch 40 Certa-Lok™	0 - 240	-	-	-	-	n/a	unknown	unknown
LS-7	3,283,141.05	535,627.36	1,179.39	1,181.73	06/25/02	07/07/02	existing	395	-	-	-	none	yes	no	-	18 w/ 6"	-	0 - 18	-	-	-	-	500	360 (1.5HP)	360
RFR-10	3,283,530.58	535,354.31	1,226.36	1,228.16	07/01/03	07/21/03	existing	483	370	433	-	134 - 198, 201 - 265, 302 - 366, 360 - 424, 413 - 477	yes	yes	-	22 w/ 6"	-	0 - 22	-	-	-	-	2,000	425 (1.5 HP)	425

n/a = Not applicable.

¹ All coordinate points are Universal Transverse Mercator, zone 14, North American Datum 1983.

² Depth to formation member contacts of the Bexar Shale, Cow Creek Limestone, and Hammett Shale below ground surface; dash indicates contact depth not achieved.

^B Collected by teflon bailer.

UTM = Universal Transverse Mercator

bgs = Below Ground Surface

LGR = Lower Glen Rose Limestone

CC = Cow Creek Limestone

MSL = Mean Sea Level

BS = Bexar Shale

HS = Hammett Shale