SURVEY OF

MONITORING WELLS
BULK FUELS FACILITY (ST-106)
KIRTLAND AIR FORCE BASE

BERNALILLO COUNTY, NEW MEXICO

JANUARY, 2011

GROUND COORDINATES

MONITORING WELLS SURVEYED 5/5/2006

Pnt. #	Northing	Easting	Elevation	Description
107	1,474,088.0363	1,541,888.8345	5344.19	KAFB-1061 PVC
106	1,474,088.5827	1,541,888.8474	5344.98	KAFB-1061 CASING
104	1,474,089.4495	1,541,888.5214	5341.76	KAFB-1061 NG
105	1,474,088.6696	1,541,888.6361	5342.14	KAFB-1061 CONCRETE
108	1,473,914.3024	1,542,508.9250	5347.09	SVMW-15 CASING
109	1,473,915.9121	1,542,509.0615	5347.08	SVMW-15 NG
110	1,474,175.6449	1,542,520.5833	5347.90	SVMW-13 CASING
111	1,474,177.1230	1,542,520.2909	5347.63	SVMW-13 NG
112	1,474,235.0292	1,541,372.6299	5340.28	SVMW-12 CASING
113	1,474,236.1306	1,541,372.6422	5340.25	SVMW-12 NG
114	1,473,625.5848	1,541,492.8330	5339.38	SVMW-14 CASING
115	1,473,627.1528	1,541,492.8356	5339.10	SVMW-14 NG
119	1,473,888.6775	1,541,774.4440	5343.29	KAFB-3411 PVC
118	1,473,889.0073	1,541,774.3633	5343.67	KAFB-3411 CASING
116	1,473,890.1425	1,541,774.2250	5340.30	KAFB-3411 NG
117	1,473,889.0886	1,541,774.0957	5340.72	KAFB-3411 CONCRETE
121	1,474,522.6436	1,540,946.3106	5339.55	KAFB-1063 PVC
120	1,474,523.1044	1,540,946.2907	5340.25	KAFB-1063 CASING
123	1,474,524.3176	1,540,946.3981	5337.40	KAFB-1063 NG
122	1,474,523.2589	1,540,946.4360	5337.45	KAFB-1063 CONCRETE
127	1,474,514.7727	1,541,578.3275	5341.82	KAFB-1062 PVC
126	1,474,515.1899	1,541,578.4150	5342.23	KAFB-1062 CASING
124	1,474,516.7674	1,541,578.4773	5339.69	KAFB-1062 NG
125	1,474,515.3529	1,541,578.3440	5340.12	KAFB-1062 CONCRETE
130	1,474,864.0870	1,541,567.3785	5345.47	KAFB-1064 PVC
129	1,474,864.4108	1,541,567.4979	5345.80	KAFB-1064 CASING
128	1,474,867.2384	1,541,567.4958	5343.03	KAFB-1064 ASPHALT
131	1,474,864.6573	1,541,567.5482	5343.10	KAFB-1064 CONCRETE

MONITORING WELLS SURVEYED 2/21/2007

180	1,474,504.5202	1,542,430.6856	5346.59	KAFB-1065 PVC
181	1,474,504.7331	1,542,430.6848	5346.96	KAFB-1065 CASING
182	1,474,504.9422	1,542,430.6771	5343.98	KAFB-1065 CONCRETE
183	1,474,506.5072	1,542,430.8488	5343.83	KAFB-1065 NG

MONITORING WELLS SURVEYED 5/19/2008

204	1,473,801.9593	1,542,687.4539	5351.38	KAFB-1066 PVC
205	1,473,802.1103	1,542,687.4239	5351.55	KAFB-1066 CASING
206	1,473,802.2153	1,542,687.4119	5348.93	KAFB-1066 CONCRETE
207	1,473,803.9293	1,542,687.2599	5348.49	KAFB-1066 NG
200	1,473,401.1623	1,542,869.4129	5349.41	KAFB-1067 PVC
201	1,473,401.2173	1,542,869.3879	5349.69	KAFB-1067 CASING
202	1,473,401.3643	1,542,869.4239	5344.91	KAFB-1067 CONCRETE
203	1,473,403.1393	1,542,869.6699	5344.21	KAFB-1067 NG
196	1,474,176.3263	1,542,707.2449	5351.67	KAFB-1068 PVC
197	1,474,176.5573	1,542,707.1849	5351.84	KAFB-1068 CASING
198	1,474,176.6623	1,542,707.0819	5349.01	KAFB-1068 CONCRETE
199	1,474,178.3823	1,542,707.1239	5348.66	KAFB-1068 NG
192	1,474,629.7653	1,542,482.1449	5344.34	KAFB-1069 PVC
193	1,474,630.1703	1,542,482.2249	5344.88	KAFB-1069 CASING
194	1,474,631.7053	1,542,482.1729	5344.81	KAFB-1069 CONCRETE
195	1,474,631.8233	1,542,482.1479	5344.75	KAFB-1069 NG
208	1,475,266.8613	1,542,980.1899	5343.20	KAFB-10610 PVC
209	1,475,267.2453	1,542,980.3139	5343.44	KAFB-10610 CASING
210	1,475,268.6913	1,542,980.7059	5343.39	KAFB-10610 CONCRETE
211	1,475,268.6943	1,542,980.7049	5343.39	KAFB-10610 ASPHALT

MONITORING WELLS SURVEYED 11/16/2009

216	1,474,025.0914	1,542,116.4684	5343.35	KAFB-10624 PVC
217	1,474,025.3142	1,542,116.4614	5343.63	KAFB-10624 CASING
218	1,474,025.3658	1,542,116.4706	5343.59	KAFB-10624 CONCRETE
219	1,474,027.0437	1,542,116.5919	5343.55	KAFB-10624 NG
220	1,473,669.2767	1,541,515.7017	5342.34	KAFB-10616 PVC
221	1,473,669.6486	1,541,515.7597	5342.45	KAFB-10616 CASING
222	1,473,669.9272	1,541,515.7100	5339.48	KAFB-10616 CONCRETE
223	1,473,671.4613	1,541,515.7522	5339.13	KAFB-10616 NG
224	1,474,545.7247	1,542,018.4249	5345.31	KAFB-10612 PVC
225	1,474,546.0334	1,542,018.5463	5345.49	KAFB-10612 CASING
226	1,474,546.3052	1,542,018.4521	5342.73	KAFB-10612 CONCRETE
227	1,474,547.7185	1,542,018.4151	5342.24	KAFB-10612 NG
228	1,474,525.7227	1,543,342.2560	5353.01	KAFB-10611 PVC
229	1,474,525.8940	1,543,342.3215	5353.16	KAFB-10611 CASING
230	1,474,526.0397	1,543,342.2533	5350.46	KAFB-10611 CONCRETE
231	1,474,527.6462	1,543,342.2966	5350.02	KAFB-10611 NG
232	1,476,968.3094	1,545,753.0683	5342.31	KAFB-10615 PVC
233	1,476,968.5871	1,545,752.9418	5342.54	KAFB-10615 CASING
234	1,476,968.6744	1,545,752.7833	5339.99	KAFB-10615 CONCRETE
235	1,476,970.0445	1,545,752.0967	5339.61	KAFB-10615 NG
236	1,476,588.9829	1,542,916.4412	5314.31	KAFB-10621 PVC
237	1,476,589.4096	1,542,916.4872	5314.59	KAFB-10621 CASING
238	1,476,589.4397	1,542,916.4968	5314.45	KAFB-10621 CONCRETE
239	1,476,590.0148	1,542,916.4808	5314.40	KAFB-10621 ASPHALT
240	1,477,005.3224	1,543,894.6746	5318.02	KAFB-10622 PVC
241	1,477,005.6971	1,543,894.7330	5318.34	KAFB-10622 CASING
242	1,477,005.8748	1,543,894.7262	5318.18	KAFB-10622 ASPHALT
243	1,476,176.1860	1,544,238.0822	5328.43	KAFB-10623 PVC
244	1,476,176.5574	1,544,238.2766	5328.78	KAFB-10623 CASING
245	1,476,176.7461	1,544,238.2843	5328.81	KAFB-10623 ASPHALT

MONITORING WELLS SURVEYED 05/21/2010

4887	1,472,906.3514	1,541,971.6123	5348.36	KAFB-10627 PVC
4888	1,472,906.6098	1,541,971.5217	5348.65	KAFB-10627 CASING
4889	1,472,906.7331	1,541,971.4329	5345.63	KAFB-10627 CONC.
4890	1,472,908.3955	1,541,971.2911	5345.46	KAFB-10627 NG
4891	1,474,836.3800	1,542,859.0056	5348.75	KAFB-10628-510 PVC
4892	1,474,836.2868	1,542,858.6850	5348.60	KAFB-10628-150 PVC
4893	1,474,836.5391	1,542,858.7694	5348.50	KAFB-10628-250 PVC
4894	1,474,836.6497	1,542,858.9511	5348.41	KAFB-10628-350 PVC
4895	1,474,836.6493	1,542,859.1406	5348.36	KAFB-10628-450 PVC
4896	1,474,836.8281	1,542,858.8236	5349.03	KAFB-10628 NR/CONC.
4897	1,474,8,38.3673	1,542,858.7328	5348.99	KAFB-10628 NG/CONC.
4898	1,477,806.2749	1,543,504.8599	5317.05	KAFB-10625 PVC
4899	1,477,806.5147	1,543,504.9227	5317.31	KAFB-10625 N.RIM
4900	1,477,808.1885	1,543,505.0691	5317.35	KAFB-10625 CONC/ASPH
4901	1,479,123.5411	1,544,315.3072	5322.39	KAFB-10626 PVC
4902	1,479,123.9535	1,544,315.2396	5322.63	KAFB-10626 N.RIM
4903	1,479,125.3221	1,544,315.0909	5322.58	KAFB-10626 CONC/ASPH

GRID COORDINATES

MONITORING WELLS SURVEYED 5/5/2006

Pnt. #	Northing	Easting	Elevation	Description
107	1,473,582.3062	1,541,359.8433	5344.19	KAFB-1061 PVC
106	1,473,582.8524	1,541,359.8562	5344.98	KAFB-1061 CASING
104	1,473,583.7189	1,541,359.5303	5341.76	KAFB-1061 NG
105	1,473,582.9393	1,541,359.6449	5342.14	KAFB-1061 CONCRETE
108	1,473,408.6319	1,541,979.7210	5347.09	SVMW-15 CASING
109	1,473,410.2410	1,541,979.8575	5347.08	SVMW-15 NG
110	1,473,669.8847	1,541,991.3753	5347.90	SVMW-13 CASING
111	1,473,671.3623	1,541,991.0830	5347.63	SVMW-13 NG
112	1,473,729.2486	1,540,843.8158	5340.28	SVMW-12 CASING
113	1,473,730.3497	1,540,843.8281	5340.25	SVMW-12 NG
114	1,473,120.0133	1,540,963.9776	5339.38	SVMW-14 CASING
115	1,473,121.5808	1,540,963.9802	5339.10	SVMW-14 NG
119	1,473,383.0158	1,541,245.4920	5343.29	KAFB-3411 PVC
118	1,473,383.3455	1,541,245.4114	5343.67	KAFB-3411 CASING
116	1,473,384.4803	1,541,245.2731	5340.30	KAFB-3411 NG
117	1,473,383.4267	1,541,245.1438	5340.72	KAFB-3411 CONCRETE
121	1,474,016.7644	1,540,417.6427	5339.55	KAFB-1063 PVC
120	1,474,017.2250	1,540,417.6228	5340.25	KAFB-1063 CASING
123	1,474,018.4378	1,540,417.7302	5337.40	KAFB-1063 NG
122	1,474,017.3795	1,540,417.7681	5337.45	KAFB-1063 CONCRETE
127	1,474,008.8962	1,541,049.4428	5341.82	KAFB-1062 PVC
126	1,474,009.3132	1,541,049.5303	5342.23	KAFB-1062 CASING
124	1,474,010.8902	1,541,049.5926	5339.69	KAFB-1062 NG
125	1,474,009.4762	1,541,049.4593	5340.12	KAFB-1062 CONCRETE
130	1,474,358.0906	1,541,038.4976	5345.47	KAFB-1064 PVC
129	1,474,358.4143	1,541,038.6169	5345.80	KAFB-1064 CASING
128	1,474,361.2409	1,541,038.6148	5343.03	KAFB-1064 ASPHALT
131	1,474,358.6607	1,541,038.6672	5343.10	KAFB-1064 CONCRETE

MONITORING WELLS SURVEYED 2/21/2007

180	1,473,998.6472	1,541,901.5085	5346.59	KAFB-1065 PVC
181	1,473,998.8600	1,541,901.5077	5346.96	KAFB-1065 CASING
182	1,473,999.0690	1,541,901.5000	5343.98	KAFB-1065 CONCRETE
183	1,474,000.6335	1,541,901.6716	5343.83	KAFB-1065 NG

MONITORING WELLS SURVEYED 5/19/2008

204	1,473,296.3273	1,542,158.1887	5351.38	KAFB-1066 PVC
205	1,473,296.4782	1,542,158.1587	5351.55	KAFB-1066 CASING
206	1,473,296.5832	1,542,158.1467	5348.93	KAFB-1066 CONCRETE
207	1,473,298.2966	1,542,157.9947	5348.49	KAFB-1066 NG
200	1,472,895.6678	1,542,340.0852	5349.41	KAFB-1067 PVC
201	1,472,895.7228	1,542,340.0602	5349.69	KAFB-1067 CASING
202	1,472,895.8697	1,542,340.0962	5344.91	KAFB-1067 CONCRETE
203	1,472,897.6441	1,542,340.3421	5344.21	KAFB-1067 NG
196	1,473,670.5658	1,542,177.9729	5351.67	KAFB-1068 PVC
197	1,473,670.7968	1,542,177.9129	5351.84	KAFB-1068 CASING
198	1,473,670.9017	1,542,177.8099	5349.01	KAFB-1068 CONCRETE
199	1,473,672.6211	1,542,177.8519	5348.66	KAFB-1068 NG
192	1,474,123.8493	1,541,952.9501	5344.34	KAFB-1069 PVC
193	1,474,124.2541	1,541,953.0301	5344.88	KAFB-1069 CASING
194	1,474,125.7886	1,541,952.9781	5344.81	KAFB-1069 CONCRETE
195	1,474,125.9066	1,541,952.9531	5344.75	KAFB-1069 NG
208	1,474,760.7267	1,542,450.8242	5343.20	KAFB-10610 PVC
209	1,474,761.1106	1,542,450.9482	5343.44	KAFB-10610 CASING
210	1,474,762.4561	1,542,451.3400	5343.39	KAFB-10610 CONCRETE
211	1,474,762.5591	1,542,451.3390	5343.39	KAFB-10610 ASPHALT

MONITORING WELLS SURVEYED 11/16/2009

216	1,473,519.3828	1,541,587.3991	5343.35	KAFB-10624 PVC
217	1,473,519.6055	1,541,587.3921	5343.63	KAFB-10624 CASING
218	1,473,519.6571	1,541,587.4013	5343.59	KAFB-10624 CONCRETE
219	1,473,521.3345	1,541,587.5225	5343.55	KAFB-10624 NG
220	1,473,163.6902	1,540,986.8385	5342.34	KAFB-10616 PVC
221	1,473,164.0620	1,540,986.8964	5342.45	KAFB-10616 CASING
222	1,473,164.3405	1,540,986.8468	5339.48	KAFB-10616 CONCRETE
223	1,473,165.8740	1,540,986.8889	5339.13	KAFB-10616 NG
224	1,474,039.8375	1,541,489.3892	5345.31	KAFB-10612 PVC
225	1,474,040.1461	1,541,489.5105	5345.49	KAFB-10612 CASING
226	1,474,040.4178	1,541,489.4164	5342.73	KAFB-10612 CONCRETE
227	1,474,041.8306	1,541,489.3794	5342.24	KAFB-10612 NG
228	1,474,019.8424	1,542,812.7661	5353.01	KAFB-10611 PVC
229	1,474,020.0136	1,542,812.8316	5353.16	KAFB-10611 CASING
230	1,474,020.1593	1,542,812.7634	5350.46	KAFB-10611 CONCRETE
231	1,474,021.7652	1,542,812.8067	5350.02	KAFB-10611 NG
232	1,476,461.5911	1,545,222.7513	5342.31	KAFB-10615 PVC
233	1,476,461.8687	1,545,222.6248	5342.54	KAFB-10615 CASING
234	1,476,461.9559	1,545,222.4664	5339.99	KAFB-10615 CONCRETE
235	1,476,463.3256	1,545,221.7800	5339.61	KAFB-10615 NG
236	1,476,082.3947	1,542,387.0974	5314.31	KAFB-10621 PVC
237	1,476,082.8213	1,542,387.1434	5314.59	KAFB-10621 CASING
238	1,476,082.8513	1,542,387.1530	5314.45	KAFB-10621 CONCRETE
239	1,476,083.4263	1,542,387.1370	5314.40	KAFB-10621 ASPHALT
240	1,476,498.5914	1,543,364.9952	5318.02	KAFB-10622 PVC
241	1,476,498.9659	1,543,365.0536	5318.34	KAFB-10622 CASING
242	1,476,499.1436	1,543,365.0468	5318.18	KAFB-10622 ASPHALT
243	1,475,669.7394	1,543,708.2850	5328.43	KAFB-10623 PVC
244	1,475,670.1107	1,543,708.4793	5328.78	KAFB-10623 CASING
245	1,475,670.2993	1,543,708.4870	5328.81	KAFB-10623 ASPHALT

MONITORING WELLS SURVEYED 05/21/2010

4887	1,472,401.0267	1,541,442.5927	5348.36	KAFB-10627 PVC
4888	1,472,401.2850	1,541,442.5021	5348.65	KAFB-10627 CASING
4889	1,472,401.4083	1,541,442.4133	5345.63	KAFB-10627 CONC.
4890	1,472,403.0701	1,541,442.2716	5345.46	KAFB-10627 NG
4891	1,474,330.3931	1,542,329.6815	5348.75	KAFB-10628-510 PVC
4892	1,474,330.3000	1,542,329.3610	5348.60	KAFB-10628-150 PVC
4893	1,474,330.5522	1,542,329.4454	5348.50	KAFB-10628-250 PVC
4894	1,474,330.6627	1,542,329.6271	5348.41	KAFB-10628-350 PVC
4895	1,474,330.6623	1,542,329.8165	5348.36	KAFB-10628-450 PVC
4896	1,474,330.8411	1,542,329.4996	5349.03	KAFB-10628 NR/CONC.
4897	1,474,332.3798	1,542,329.4088	5348.99	KAFB-10628 NG/CONC.
4898	1,477,299.2691	1,542,975.3143	5317.05	KAFB-10625 PVC
4899	1,477,299.5088	1,542,975.3770	5317.31	KAFB-10625 N.RIM
4900	1,477,301.1821	1,542,975.5234	5317.35	KAFB-10625 CONC/ASPH
4901	1,478,616.0834	1,543,785.4835	5322.39	KAFB-10626 PVC
4902	1,478,616.4957	1,543,785.4159	5322.63	KAFB-10626 N.RIM
4903	1,478,617.8638	1,543,785.2673	5322.58	KAFB-10626 CONC/ASPH

Plat & Survey By:
ALBUQUERQUE SURVEYING CO. INC., 2119 Menaul Blvd. N.E., Albuquerque, New Mexico 87107 Ph. (505) 884-2036

26033MW-2-01-25-2011