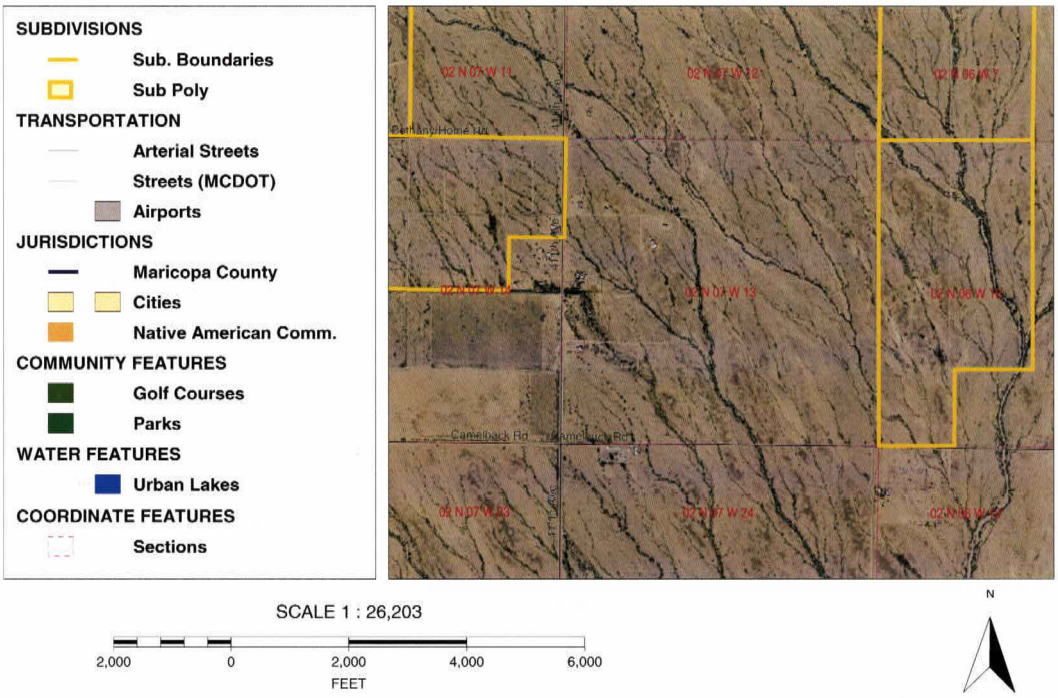
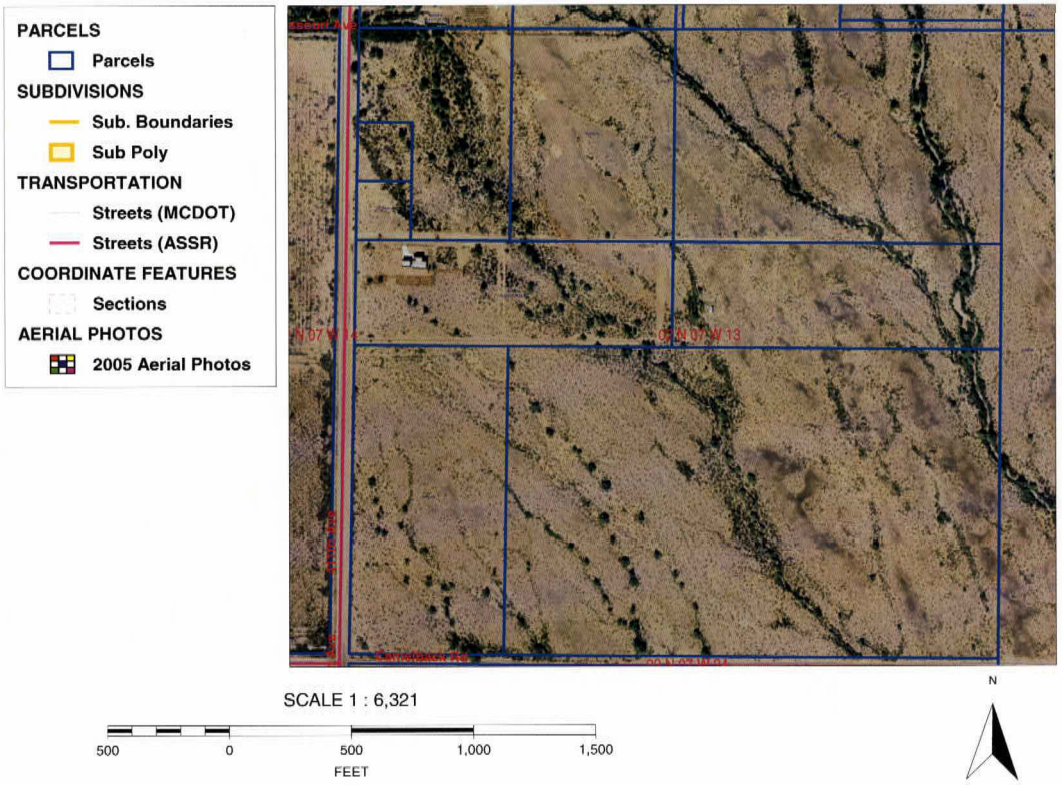
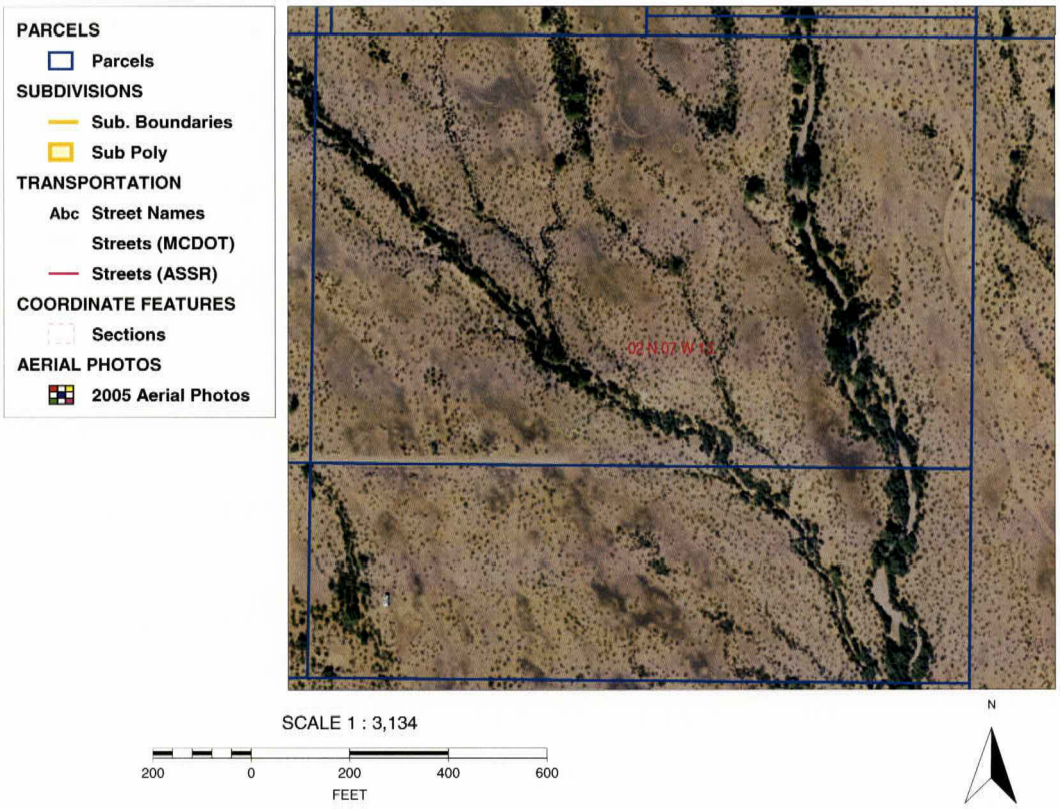
T2N, R7W, SECTION 13



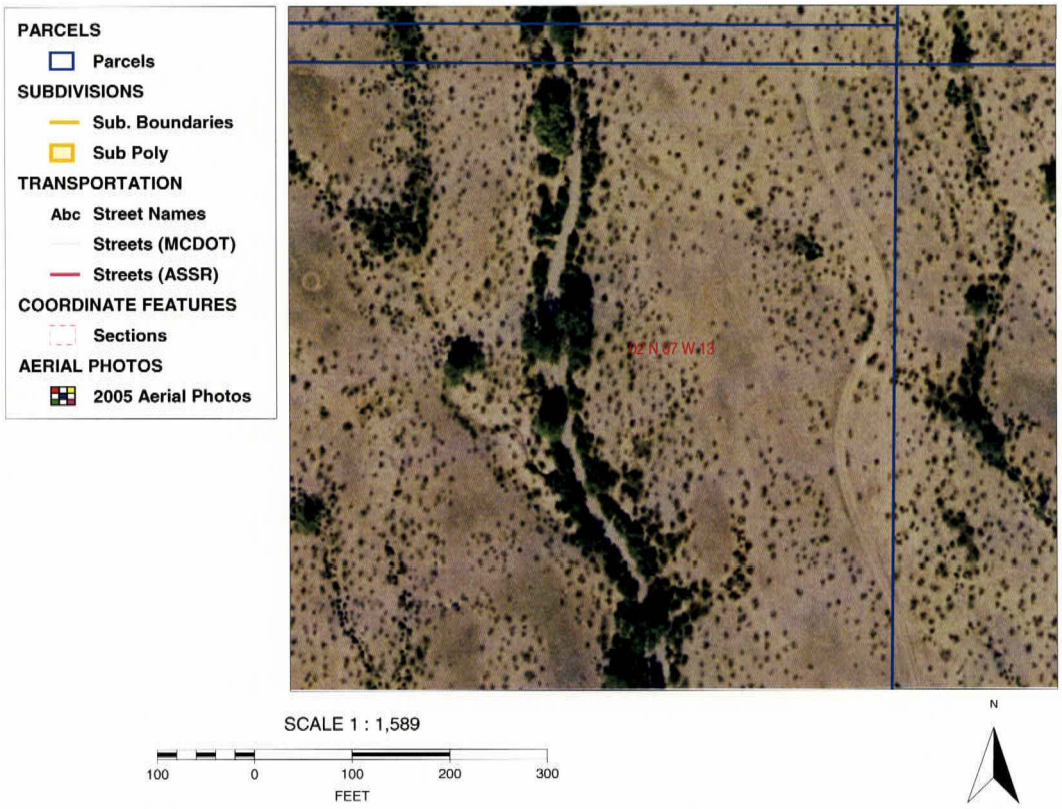
T2N, R7W, SECTION 13, SW 1/4



T2N, R7W, SECTION 13, SW 1/4, NE 1/4



T2N, R7W, SECTION 13, SW 1/4, NE 1/4, NE 1/4



ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT DIVISION
500 North Third Street - Phoenix, Arizona 85004-3903
Telephone 602-417-2470
Fax 602-417-2422

RECEIVED
FEB 15 2006
PHOENIX AMA

NEW WELL CONSTRUCTION SUPPLEMENT (form DWR 55-90)

Well Registration Number 55- 211020
(FOR DEPARTMENT USE ONLY)

1. **Well Location:**

   NE ¼ of the NE ¼ of the SW ¼, Sec. 13, Township 2N Range 7W.
   10AC 40AC 160AC

2. **Position Location of the Well:**

   Latitude ____ ° ____ ' ____ " **Longitude** ____ ° ____ ' ____ "

3. **County** Maricopa.

4. **Date construction to start:** 02/06/2006.

5. **Time period well will remain in use:** indefinitely.

6. **Is pump equipment to be installed?** Yes **If so, design pump capacity:** 1200 **GPM.**

7. **Well construction plan:**

   a. **Drilling method (mud rotary, hollow-stem auger, etc.)** Reverse rotary.

   b. **Borehole diameters** 24 **inches from** 0 **feet to** 40 **feet.**
   16 **inches from** 40 **feet to** 700 **feet.**

   c. **Casing materials** steel - high strength low allow (HSLA).

   d. **Method of well development (bail, air lift, surge, etc.)** air-lift swab.

   e. **Will surface or conductor casing extend above grade?** yes - at least 1 foot.

8. **Include a detailed construction diagram of the proposed well design. The diagram should verify consistency with minimum construction requirements specified in the Department's well construction rules found in Arizona Administrative Code (A.A.C.) R12-15-801 *et. seq.* Specifically, the diagram should include borehole diameters; casing materials and diameters; perforation intervals; the expected water level; depth and thickness of the surface seal; proposed grouting materials; and the length that the surface or conductor casing will extend above grade, or vault details, if specified.**

9. **Proposed materials and method of abandonment if well is to be abandoned after project is completed (Minimum requirements per A.A.C. R12-15-816):**

   N/A

10. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material, or petroleum storage area or tank? _____Yes __x__No

11. Is this well to monitor existing contamination? ____Yes __✗__No

Potential contamination?_____Yes __✗__No If yes, please provide explanation:_____

_____

_____

12. Will the proposed well be a replacement well in the same location (A.R.S. §§ 45-596 and 45-597, A.A.C. R12-15-840)? A replacement well is one located no more than 660 feet from the original well that it is replacing, and which is not expected to withdraw on an annual basis more groundwater than historical annual withdrawals from the original well. ____Yes ____No

If yes then indicate the following:

(a) Record the registration number for the well that will be replaced: 55-_____

(b) Will the original well to be replaced be _____Capped, _____ Abandoned _____Other.

If Other, please explain: _____.

13. Name of Consulting firm, if any : E. L. Montgomery & Associates, Inc.

7949 E. Acoma Drive, Suite 100	Scottsdale	Arizona	85260
Address	**City**	**State**	**Zip**

Contact Person: Gregory Wallace Telephone Number (480) 948-7747

14. Drilling firm: out to bid

DWR License Number: _____ ROC License Category: _____

15. Special construction standards, if any, required pursuant to A.A.C. R12-15-821:_____

_____

_____

I (we), _____ hereby swear that all information provided in this application is true and correct to the best of my/our knowledge and belief.
(print name)

_____ 2-6-06
Signature of Applicant Date

DWR-55-90 (Rev 9/02)

ARIZONA DEPARTMENT OF WATER RESOURCES
WATER MANAGEMENT DIVISION
3550 North Central Avenue, Phoenix, Arizona 85012
Telephone 602 771-8585
Fax 602 771-8688

Janet Napolitano
Governor

Herbert R. Guenther
Director

March 17, 2006

Richard
Four One One and Camelback, LLC.
P.O. Box 41030
Mesa, Arizona 85274

RE: Permit to Withdraw Groundwater for Hydrologic Testing No. 59-211018.0000
Well Registration Nos. 55-211019 through 55-211022

Dear Permittee:

Your permit for the construction of the above referenced well is enclosed. Drill cards have not been issued pending your selection of a licensed well drilling contractor. Once you have selected a contractor and notified the Department of your selection in writing, you will need to make arrangements for the site inspection before drilling may commence.

Pursuant to the provisions of A.R.S. § 45-604, any person withdrawing groundwater from a well is required to use a water measuring device to record rates of withdrawal in order to provide or allow the computation of an annual volume of pumpage from the well. The total volume of pumpage shall be reported on an annual report. The first annual reporting period shall be from the date of issuance of this permit until the end of the year 2006, or the expiration date of the permit, whichever comes first. Additionally, within sixty (60) days upon completion of the hydrologic testing, the permittee shall provide the results of the test data to the Arizona Department of Water Resources, to Darlene Sumpter-King, Water Management Division office for evaluation.

Under A.R.S. § 45-593, the person to whom a well is registered must notify the Department of a change in ownership, physical characteristics or any other data about the well in order to keep the well registration records current and accurate. For future changes, Requests to Change Well Information forms are enclosed.

The Department has issued this hydrologic testing permit pursuant to A.R.S. § 45-519.01 of the Groundwater Code. The legal nature of the water withdrawn from your wells may be the subject of court action in the future as part of a determination of surface water rights in your area. If there are court proceedings that could affect your wells, you will be notified and be given the opportunity to participate.

The permit has been issued by this Department without a hearing. As such, it is an appealable agency action. You are entitled to appeal and your rights are described in the enclosed notice of right to appeal.

If you have any questions about the permit, please call Sharon Ward of the Phoenix AMA office at 602-771-8585.

Sincerely,

Darlene Sumpter-King
Water Resource Specialist
Enclosure

cc: Greg Wallace, Errol L. Montgomery & Associates, Inc.
Sharon Ward, Phoenix Active Management Area

ARIZONA DEPARTMENT OF WATER RESOURCES

PERMIT TO WITHDRAW GROUNDWATER FOR

HYDROLOGIC TESTING

PURSUANT TO A.R.S. § 45-519.01

PERMIT NO. 59-211018.0000

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

This is to certify that Application No. 59-211018.0000 meets the requirements of Title 45, Chapter 2, Article 7 for a Permit to Withdraw Groundwater for Hydrologic Testing. The Director hereby grants authority to construct and operate 4 wells for hydrologic testing pursuant to A.R.S. § 45-519.01, subject to the following limitations and conditions:

Permit Limitations

Permittee:	Four One One and Camelback, LLC P.O. Box 41030 Mesa, Arizona 85274
Active Management Area:	Phoenix
Sub-basin:	Hassayampa
Authorized purpose of hydrologic testing:	Aquifer testing and water quality investigations

PERMIT NO. 59-211018.0000

Maximum Authorized Withdrawals: 10 acre-feet per well

Disposition of Groundwater: Water will be used for dust control and grading

Authorized Well Registration Number	File Number	Depth of Well	Casing Diameter	Casing Material
55-211019	B (2-7) 13 CCB	700 feet	16 inches	Steel
55-211020	B (2-7) 13 CAA	700 feet	16 inches	Steel
55-211021	B (2-7) 13 CCC	700 feet	16 inches	Steel
55-211022	B (2-7) 13 CDD	700 feet	16 inches	Steel

Effective Date of Permit: March 17, 2006

Expiration Date of Permit: May 16, 2007

Permit Conditions

1. Within sixty (60) days upon completion of the hydrologic testing, the permittee shall provide the results of the test data to the Arizona Department of Water Resources for evaluation. Results shall be mailed to Darlene Sumpter-King, Phoenix Active Management Area, Arizona Department of Water Resources, 3550 North Central Avenue, Phoenix, Arizona 85012.

2. This approval for test wells and pump test does not constitute a commitment by the Department for the granting of a right to withdraw groundwater or converting the test well into a production well.

3. The wells drilled for this project shall be drilled in compliance with the Arizona Department of Water Resources minimum well construction standards, A.A.C. R12-15-811.

4. The issuance of the permit does not waive any federal, state, county or local government ordinances, regulations or permits for which the facility may have to comply.

5. The permittee shall monitor withdrawals of groundwater and shall report the total amount of groundwater withdrawn on an annual water withdrawal and use report. The first annual reporting period shall be from the date of issuance of this permit through December 31, 2006, or the expiration date of this permit, whichever comes first.

WITNESS my hand and seal of office this 17th day of March 2006.

Sandra Fabritz-Whitney

Sandra Fabritz-Whitney, Assistant Director

ARIZONA DEPARTMENT OF WATER RESOURCES
HYDROLOGY DIVISION
TECHNICAL SUPPORT SECTION - WQARF UNIT

MEMORANDUM

DATE:	March 13, 2006
TO:	Darlene Sumpter-King, Groundwater Management Support Scott Miller, Phoenix AMA
FROM:	David Christiana, WQARF Unit
SUBJECT:	Wells 55-211019; 55-211020; 55-211021; 55-211022
APPLICATION:	59-211018 - Application for Permit to Withdraw Groundwater for Hydrologic Testing Purposes – Four One One and Camelback, LLC

Hydrology has reviewed the above referenced application for a permit to withdraw groundwater for hydrologic testing purposes for water quality concerns and well construction for conformance to Arizona well construction standards.

Water Quality

1. The area of groundwater withdrawal and use activities is not located near an area of known groundwater contamination that is being actively remediated pursuant to an U.S. Environmental Protection Agency, Arizona Department of Environmental Quality (ADEQ), or Department of Defense program.

2. According to the ADEQ Groundwater Database, sample results from wells located within one mile of the withdrawal and use activities indicate that parameter concentrations exceed maximum contaminant level (MCL) standard for arsenic (As), and fluoride (F-), the secondary MCL (MCL2) standard for fluoride, and the Arizona Health Based Guidance Levels (HBGLs) for arsenic and fluoride. The water quality results that exceed standards were from 1980; therefore, current aquifer conditions are unknown. No other water quality data are readily available.

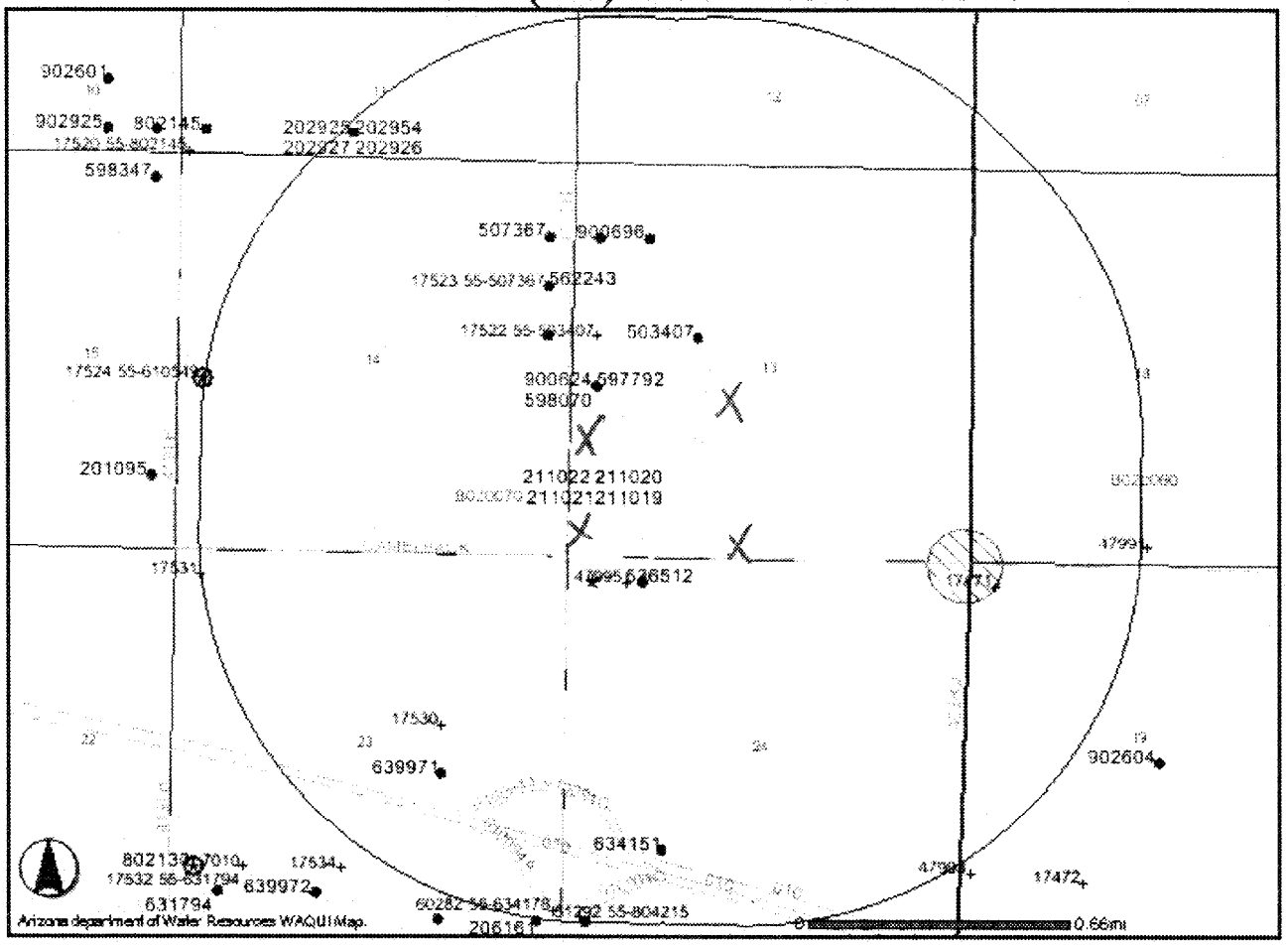
Well Construction Standards

3. The subject wells will be drilled to approximately 700 feet below the land surface. Little site-specific data are available. A number of wells in the area of the subject wells, B(2-7) , were completed at 500 feet below the land surface or less. A review of the driller's logs indicate sand and gravel to 500 feet. The wells meet minimum well construction standards. No special well construction requirements are necessary.

The Hydrology WQARF Unit has no objections to approving this permit. If additional information is needed, please contact me at extension 1-8548.

Attachment: WAQUI map
Water Quality Tables

411 and Camelback Hydrotest Permit
59-211018 / B(2-7)13C / 211019-211022



Working Together

Arizona Department of Environmental Quality

Arizona Department of Water Resources

Map generated on 3/10/2006

Water Quality Sample Test Results for ADEQ Wells

Information provided is preliminary and subject to revision.

It may not represent the full extent of known water quality concerns.

Legend
Selected Features WELLS
theBuffer
VRP Sites
ADEQ Wells
Wells > HBGL
Wells > Secondary MCL
Wells > MCL
No Exceedence
REGISTERED WELLS
Streets
Sections
Townships
GWR LUST Buffer
RCRA Site Buffer

411 and Camelback Hydrotest Permit
59-211018 / B(2-7)13C / 211019 to 211022

All Samples

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
73	17524	55-610549	110	mg/L		mg/L							AUG 17 1980	ALKALINITY, TOTAL (AS CACO3)
175	17524	55-610549	93	mg/L		mg/L							JUL 03 1974	ALKALINITY, TOTAL (AS CACO3)
72	17524	55-610549	94	mg/L		mg/L							JUL 29 1953	ALKALINITY, TOTAL (AS CACO3)
74	17524	55-610549	131.2	mg/L		mg/L							JUN 11 1997	ALKALINITY, TOTAL (AS CACO3)
211	17536		446	PCI/L		PCI/L	15	PCI/L					APR 30 1963	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL
77	17524	55-610549	10	ug/L		ug/L			50	ug/L			AUG 17 1980	ALUMINUM, DISSOLVED (AS AL)
198	17524	55-610549	28	ug/L		ug/L	50	ug/L			50	ug/L	AUG 17 1980	ARSENIC, DISSOLVED (AS AS)
199	17524	55-610549	8	ug/L		ug/L	2000	ug/L			5000	ug/L	AUG 17 1980	BARIUM, DISSOLVED (AS BA)
200	17524	55-610549	1	ug/L	1	ug/L	4	ug/L			7	ug/L	AUG 17 1980	BERYLLIUM, DISSOLVED (AS BE)
125	17524	55-610549	113	mg/L		mg/L							JUL 03 1974	BICARBONATE ION (AS HCO3)
166	17524	55-610549	113	mg/L		mg/L							JUL 03 1974	BICARBONATE ION (AS HCO3)
167	17524	55-610549	114	mg/L		mg/L							JUL 29 1953	BICARBONATE ION (AS HCO3)
223	17536		166	mg/L		mg/L							APR 30 1963	BICARBONATE ION (AS HCO3)
80	17524	55-610549	860	ug/L		ug/L							AUG 17 1980	BORON, DISSOLVED (AS B)
79	17524	55-610549	920	ug/L		ug/L							JUL 03 1974	BORON, DISSOLVED (AS B)
82	17524	55-610549	712.56	ug/L		ug/L							JUN 11 1997	BORON, DISSOLVED (AS B)
81	17524	55-610549	810	ug/L		ug/L							JUN 22 1981	BORON, DISSOLVED (AS B)
187	17524	55-610549	1	ug/L	1	ug/L	5	ug/L			5	ug/L	AUG 17 1980	CADMIUM, DISSOLVED (AS CD)
103	17524	55-610549	11	mg/L		mg/L							AUG 17 1980	CALCIUM, DISSOLVED (AS CA)
140	17524	55-610549	11	mg/L		mg/L							AUG 17 1980	CALCIUM, DISSOLVED (AS CA)
16	17524	55-610549	14	mg/L		mg/L							JUL 03 1974	CALCIUM, DISSOLVED (AS CA)
54	17524	55-610549	14	mg/L		mg/L							JUL 03 1974	CALCIUM, DISSOLVED (AS CA)
101	17524	55-610549	17	mg/L		mg/L							JUL 29 1953	CALCIUM, DISSOLVED (AS CA)
138	17524	55-610549	17	mg/L		mg/L							JUL 29 1953	CALCIUM, DISSOLVED (AS CA)
102	17524	55-610549	5.614	mg/L		mg/L							JUN 11 1997	CALCIUM, DISSOLVED (AS CA)
139	17524	55-610549	5.614	mg/L		mg/L							JUN 11 1997	CALCIUM, DISSOLVED (AS CA)
104	17524	55-610549	11	mg/L		mg/L							JUN 22 1981	CALCIUM, DISSOLVED (AS CA)
141	17524	55-610549	11	mg/L		mg/L							JUN 22 1981	CALCIUM, DISSOLVED (AS CA)
206	17536		32	mg/L		mg/L							APR 30 1963	CALCIUM, DISSOLVED (AS CA)

411 and Camelback Hydrotest Permit
59-211018 / B(2-7)13C / 211019 to 211022

All Samples

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
216	17536		32	mg/L		mg/L							APR 30 1963	CALCIUM, DISSOLVED (AS CA)
174	17524	55-610549	1.4	mg/L		mg/L							JUL 03 1974	CARBON DIOXIDE (AS CO2)
195	17524	55-610549	37	DEG C		DEG C							APR 15 1981	CENTIGRADE TEMPERATURE (DEGREES)
194	17524	55-610549	39	DEG C		DEG C							AUG 17 1980	CENTIGRADE TEMPERATURE (DEGREES)
191	17524	55-610549	39	DEG C		DEG C							JUL 03 1974	CENTIGRADE TEMPERATURE (DEGREES)
192	17524	55-610549	35.5	DEG C		DEG C							JUL 29 1953	CENTIGRADE TEMPERATURE (DEGREES)
197	17524	55-610549	40	DEG C		DEG C							JUN 11 1997	CENTIGRADE TEMPERATURE (DEGREES)
193	17524	55-610549	37	DEG C		DEG C							JUN 21 1977	CENTIGRADE TEMPERATURE (DEGREES)
196	17524	55-610549	38.5	DEG C		DEG C							JUN 22 1981	CENTIGRADE TEMPERATURE (DEGREES)
224	17536		32	DEG C		DEG C							JAN 01 1965	CENTIGRADE TEMPERATURE (DEGREES)
2	17524	55-610549	170	mg/L		mg/L			250	mg/L			AUG 17 1980	CHLORIDE,TOTAL IN WATER
39	17524	55-610549	170	mg/L		mg/L			250	mg/L			AUG 17 1980	CHLORIDE,TOTAL IN WATER
1	17524	55-610549	200	mg/L		mg/L			250	mg/L			JUL 03 1974	CHLORIDE,TOTAL IN WATER
38	17524	55-610549	200	mg/L		mg/L			250	mg/L			JUL 03 1974	CHLORIDE,TOTAL IN WATER
88	17524	55-610549	231	mg/L		mg/L			250	mg/L			JUL 29 1953	CHLORIDE,TOTAL IN WATER
126	17524	55-610549	231	mg/L		mg/L			250	mg/L			JUL 29 1953	CHLORIDE,TOTAL IN WATER
4	17524	55-610549	63.978	mg/L		mg/L			250	mg/L			JUN 11 1997	CHLORIDE,TOTAL IN WATER
41	17524	55-610549	63.978	mg/L		mg/L			250	mg/L			JUN 11 1997	CHLORIDE,TOTAL IN WATER
3	17524	55-610549	150	mg/L		mg/L			250	mg/L			JUN 22 1981	CHLORIDE,TOTAL IN WATER
40	17524	55-610549	150	mg/L		mg/L			250	mg/L			JUN 22 1981	CHLORIDE,TOTAL IN WATER
204	17536		139	mg/L		mg/L			250	mg/L			APR 30 1963	CHLORIDE,TOTAL IN WATER
213	17536		139	mg/L		mg/L			250	mg/L			APR 30 1963	CHLORIDE,TOTAL IN WATER
188	17524	55-610549	2	ug/L		ug/L	100	ug/L					AUG 17 1980	CHROMIUM, HEXAVALENT (AS CR)
189	17524	55-610549	3	ug/L	3	ug/L					0.7	ug/L	AUG 17 1980	COBALT, DISSOLVED (AS CO)
190	17524	55-610549	10	ug/L	10	ug/L	1300	ug/L	1000	ug/L	1300	ug/L	AUG 17 1980	COPPER, DISSOLVED (AS CU)
12	17524	55-610549	✓ 7.5	mg/L		mg/L	4	mg/L	✓ 2	mg/L	✓ 4	mg/L	APR 15 1981	FLUORIDE, DISSOLVED (AS F)
51	17524	55-610549	✓ 7.5	mg/L		mg/L	4	mg/L	✓ 2	mg/L	✓ 4	mg/L	APR 15 1981	FLUORIDE, DISSOLVED (AS F)
11	17524	55-610549	0.7	mg/L		mg/L	4	mg/L	2	mg/L	4	mg/L	AUG 17 1980	FLUORIDE, DISSOLVED (AS F)
50	17524	55-610549	0.7	mg/L		mg/L	4	mg/L	2	mg/L	4	mg/L	AUG 17 1980	FLUORIDE, DISSOLVED (AS F)

411 and Camelback Hydrotest Permit
59-211018 / B(2-7)13C / 211019 to 211022

All Samples

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
95	17524	55-610549	/ 7	mg/L		mg/L	4	mg/L	/ 2	mg/L	4	mg/L	JUL 03 1974	FLUORIDE, DISSOLVED (AS F)
130	17524	55-610549	7	mg/L		mg/L	4	mg/L	2	mg/L	4	mg/L	JUL 03 1974	FLUORIDE, DISSOLVED (AS F)
96	17524	55-610549	5.2	mg/L		mg/L	4	mg/L	2	mg/L	4	mg/L	JUL 29 1953	FLUORIDE, DISSOLVED (AS F)
131	17524	55-610549	5.2	mg/L		mg/L	4	mg/L	2	mg/L	4	mg/L	JUL 29 1953	FLUORIDE, DISSOLVED (AS F)
14	17524	55-610549	7.695	mg/L		mg/L	4	mg/L	2	mg/L	4	mg/L	JUN 11 1997	FLUORIDE, DISSOLVED (AS F)
53	17524	55-610549	7.695	mg/L		mg/L	4	mg/L	2	mg/L	4	mg/L	JUN 11 1997	FLUORIDE, DISSOLVED (AS F)
10	17524	55-610549	6	mg/L		mg/L	4	mg/L	2	mg/L	4	mg/L	JUN 21 1977	FLUORIDE, DISSOLVED (AS F)
132	17524	55-610549	6	mg/L		mg/L	4	mg/L	2	mg/L	4	mg/L	JUN 21 1977	FLUORIDE, DISSOLVED (AS F)
13	17524	55-610549	6.5	mg/L		mg/L	4	mg/L	2	mg/L	4	mg/L	JUN 22 1981	FLUORIDE, DISSOLVED (AS F)
52	17524	55-610549	6.5	mg/L		mg/L	4	mg/L	2	mg/L	4	mg/L	JUN 22 1981	FLUORIDE, DISSOLVED (AS F)
201	17536		10	mg/L		mg/L							APR 30 1963	HARDNESS, NON-CARBONATE (AS CACO3)
205	17536		10	mg/L		mg/L							APR 30 1963	HARDNESS, NON-CARBONATE (AS CACO3)
25	17524	55-610549	33	mg/L		mg/L							AUG 17 1980	HARDNESS, TOTAL (AS CACO3)
154	17524	55-610549	33	mg/L		mg/L							AUG 17 1980	HARDNESS, TOTAL (AS CACO3)
61	17524	55-610549	42	mg/L		mg/L							JUL 03 1974	HARDNESS, TOTAL (AS CACO3)
114	17524	55-610549	42	mg/L		mg/L							JUL 03 1974	HARDNESS, TOTAL (AS CACO3)
115	17524	55-610549	56	mg/L		mg/L							JUL 29 1953	HARDNESS, TOTAL (AS CACO3)
153	17524	55-610549	56	mg/L		mg/L							JUL 29 1953	HARDNESS, TOTAL (AS CACO3)
26	17524	55-610549	33	mg/L		mg/L							JUN 22 1981	HARDNESS, TOTAL (AS CACO3)
155	17524	55-610549	33	mg/L		mg/L							JUN 22 1981	HARDNESS, TOTAL (AS CACO3)
218	17536		146	mg/L		mg/L							APR 30 1963	HARDNESS, TOTAL (AS CACO3)
222	17536		146	mg/L		mg/L							APR 30 1963	HARDNESS, TOTAL (AS CACO3)
179	17524	55-610549	10	ug/L	10	ug/L			300	ug/L			AUG 17 1980	IRON, DISSOLVED (AS FE)
178	17524	55-610549	10	ug/L	10	ug/L			300	ug/L			JUL 03 1974	IRON, DISSOLVED (AS FE)
181	17524	55-610549	3	ug/L	3	ug/L			300	ug/L			JUN 11 1997	IRON, DISSOLVED (AS FE)
180	17524	55-610549	10	ug/L	10	ug/L			300	ug/L			JUN 22 1981	IRON, DISSOLVED (AS FE)
182	17524	55-610549	/ 59	ug/L		ug/L	15	ug/L			20	ug/L	AUG 17 1980	LEAD, DISSOLVED (AS PB)
75	17524	55-610549	250	ug/L		ug/L							AUG 17 1980	LITHIUM, DISSOLVED (AS LI)
106	17524	55-610549	1.3	mg/L		mg/L							AUG 17 1980	MAGNESIUM, DISSOLVED (AS MG)

411 and Camelback Hydrotest Permit
59-211018 / B(2-7)13C / 211019 to 211022

All Samples

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
142	17524	55-610549	1.3	mg/L		mg/L							AUG 17 1980	MAGNESIUM, DISSOLVED (AS MG)
17	17524	55-610549	1.7	mg/L		mg/L							JUL 03 1974	MAGNESIUM, DISSOLVED (AS MG)
55	17524	55-610549	1.7	mg/L		mg/L							JUL 03 1974	MAGNESIUM, DISSOLVED (AS MG)
56	17524	55-610549	3.3	mg/L		mg/L							JUL 29 1953	MAGNESIUM, DISSOLVED (AS MG)
105	17524	55-610549	3.3	mg/L		mg/L							JUL 29 1953	MAGNESIUM, DISSOLVED (AS MG)
18	17524	55-610549	0.649	mg/L		mg/L							JUN 11 1997	MAGNESIUM, DISSOLVED (AS MG)
144	17524	55-610549	0.649	mg/L		mg/L							JUN 11 1997	MAGNESIUM, DISSOLVED (AS MG)
107	17524	55-610549	1.4	mg/L		mg/L							JUN 22 1981	MAGNESIUM, DISSOLVED (AS MG)
143	17524	55-610549	1.4	mg/L		mg/L							JUN 22 1981	MAGNESIUM, DISSOLVED (AS MG)
202	17536		16	mg/L		mg/L							APR 30 1963	MAGNESIUM, DISSOLVED (AS MG)
207	17536		16	mg/L		mg/L							APR 30 1963	MAGNESIUM, DISSOLVED (AS MG)
184	17524	55-610549	1	ug/L	1	ug/L			50	ug/L			AUG 17 1980	MANGANESE, DISSOLVED (AS MN)
183	17524	55-610549	10	ug/L	10	ug/L			50	ug/L			JUL 03 1974	MANGANESE, DISSOLVED (AS MN)
186	17524	55-610549	1	ug/L	1	ug/L			50	ug/L			JUN 11 1997	MANGANESE, DISSOLVED (AS MN)
185	17524	55-610549	1	ug/L	1	ug/L			50	ug/L			JUN 22 1981	MANGANESE, DISSOLVED (AS MN)
28	17524	55-610549	0.1	ug/L		ug/L	2	ug/L			2	ug/L	AUG 17 1980	MERCURY, DISSOLVED (AS HG)
63	17524	55-610549	0.1	ug/L		ug/L	2	ug/L			2	ug/L	AUG 17 1980	MERCURY, DISSOLVED (AS HG)
87	17524	55-610549	26	ug/L		ug/L							AUG 17 1980	MOLYBDENUM, DISSOLVED (AS MO)
37	17524	55-610549	0.84	mg/L		mg/L	10	mg/L					JUL 29 1953	NITRATE NITROGEN, DISSOLVED (AS N)
165	17524	55-610549	0.84	mg/L		mg/L	10	mg/L					JUL 29 1953	NITRATE NITROGEN, DISSOLVED (AS N)
29	17524	55-610549	3.7	mg/L		mg/L	45	mg/L					JUL 29 1953	NITRATE NITROGEN, DISSOLVED (AS NO3)
64	17524	55-610549	3.7	mg/L		mg/L	45	mg/L					JUL 29 1953	NITRATE NITROGEN, DISSOLVED (AS NO3)
203	17536		10	mg/L		mg/L	45	mg/L					APR 30 1963	NITRATE NITROGEN, DISSOLVED (AS NO3)
209	17536		10	mg/L		mg/L	45	mg/L					APR 30 1963	NITRATE NITROGEN, DISSOLVED (AS NO3)
36	17524	55-610549	0.01	mg/L	0.01	mg/L	1	mg/L					JUN 11 1997	NITRITE NITROGEN, DISSOLVED (AS N)
164	17524	55-610549	0.01	mg/L	0.01	mg/L	1	mg/L					JUN 11 1997	NITRITE NITROGEN, DISSOLVED (AS N)
33	17524	55-610549	1.2	mg/L		mg/L	10	mg/L					AUG 17 1980	NITRITE PLUS NITRATE, DISS. 1 DET. (AS N)
157	17524	55-610549	1.2	mg/L		mg/L	10	mg/L					AUG 17 1980	NITRITE PLUS NITRATE, DISS. 1 DET. (AS N)
32	17524	55-610549	1.2	mg/L		mg/L	10	mg/L					JUL 03 1974	NITRITE PLUS NITRATE, DISS. 1 DET. (AS N)

411 and Camelback Hydrotest Permit
59-211018 / B(2-7)13C / 211019 to 211022

All Samples

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
156	17524	55-610549	1.2	mg/L		mg/L	10	mg/L					JUL 03 1974	NITRITE PLUS NITRATE, DISS. 1 DET. (AS N)
121	17524	55-610549	1.397	mg/L		mg/L	10	mg/L					JUN 11 1997	NITRITE PLUS NITRATE, DISS. 1 DET. (AS N)
159	17524	55-610549	1.397	mg/L		mg/L	10	mg/L					JUN 11 1997	NITRITE PLUS NITRATE, DISS. 1 DET. (AS N)
34	17524	55-610549	1.4	mg/L		mg/L	10	mg/L					JUN 22 1981	NITRITE PLUS NITRATE, DISS. 1 DET. (AS N)
158	17524	55-610549	1.4	mg/L		mg/L	10	mg/L					JUN 22 1981	NITRITE PLUS NITRATE, DISS. 1 DET. (AS N)
35	17524	55-610549	0.015	mg/L	0.015	mg/L							JUN 11 1997	NITROGEN, AMMONIA, DISSOLVED (AS N)
163	17524	55-610549	0.015	mg/L	0.015	mg/L							JUN 11 1997	NITROGEN, AMMONIA, DISSOLVED (AS N)
176	17524	55-610549	4.32	mg/L		mg/L							JUN 11 1997	OXYGEN, DISSOLVED
169	17524	55-610549	8.2	SU		SU			6.5	SU			AUG 17 1980	PH (STANDARD UNITS)
168	17524	55-610549	8.1	SU		SU			6.5	SU			JUL 03 1974	PH (STANDARD UNITS)
171	17524	55-610549	8.2	SU		SU			6.5	SU			JUN 11 1997	PH (STANDARD UNITS)
170	17524	55-610549	7.8	SU		SU			6.5	SU			JUN 22 1981	PH (STANDARD UNITS)
173	17524	55-610549	8.444	SU		SU							JUN 11 1997	PH, LAB, STANDARD UNITS SU
172	17524	55-610549	8.3	SU		SU							JUN 22 1981	PH, LAB, STANDARD UNITS SU
122	17524	55-610549	0.06	mg/L		mg/L							JUL 03 1974	PHOSPHATE, ORTHO (AS PO4)
160	17524	55-610549	0.06	mg/L		mg/L							JUL 03 1974	PHOSPHATE, ORTHO (AS PO4)
123	17524	55-610549	0.02	mg/L		mg/L							JUL 03 1974	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (AS P)
161	17524	55-610549	0.02	mg/L		mg/L							JUL 03 1974	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (AS P)
124	17524	55-610549	0.01	mg/L	0.01	mg/L							JUN 11 1997	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (AS P)
162	17524	55-610549	0.01	mg/L	0.01	mg/L							JUN 11 1997	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (AS P)
27	17524	55-610549	0.8	PCI/L									JUN 22 1981	POTASSIUM 40, DISSOLVED, K-40 (PCI/LITER)
62	17524	55-610549	0.8	PCI/L									JUN 22 1981	POTASSIUM 40, DISSOLVED, K-40 (PCI/LITER)
22	17524	55-610549	1.3	mg/L		mg/L							AUG 17 1980	POTASSIUM, DISSOLVED (AS K)
58	17524	55-610549	1.3	mg/L		mg/L							AUG 17 1980	POTASSIUM, DISSOLVED (AS K)
21	17524	55-610549	1.7	mg/L		mg/L							JUL 03 1974	POTASSIUM, DISSOLVED (AS K)
152	17524	55-610549	1.7	mg/L		mg/L							JUL 03 1974	POTASSIUM, DISSOLVED (AS K)
24	17524	55-610549	0.8	mg/L		mg/L							JUN 11 1997	POTASSIUM, DISSOLVED (AS K)
60	17524	55-610549	0.8	mg/L		mg/L							JUN 11 1997	POTASSIUM, DISSOLVED (AS K)
23	17524	55-610549	1.1	mg/L		mg/L							JUN 22 1981	POTASSIUM, DISSOLVED (AS K)

411 and Camelback Hydrotest Permit
59-211018 / B(2-7)13C / 211019 to 211022

All Samples

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
59	17524	55-610549	1.1	mg/L		mg/L							JUN 22 1981	POTASSIUM, DISSOLVED (AS K)
99	17524	55-610549	31	mg/L		mg/L							AUG 17 1980	SILICA, DISSOLVED (AS SI02)
135	17524	55-610549	31	mg/L		mg/L							AUG 17 1980	SILICA, DISSOLVED (AS SI02)
97	17524	55-610549	32	mg/L		mg/L							JUL 03 1974	SILICA, DISSOLVED (AS SI02)
133	17524	55-610549	32	mg/L		mg/L							JUL 03 1974	SILICA, DISSOLVED (AS SI02)
98	17524	55-610549	32	mg/L		mg/L							JUL 29 1953	SILICA, DISSOLVED (AS SI02)
134	17524	55-610549	32	mg/L		mg/L							JUL 29 1953	SILICA, DISSOLVED (AS SI02)
15	17524	55-610549	33.39	mg/L		mg/L							JUN 11 1997	SILICA, DISSOLVED (AS SI02)
137	17524	55-610549	33.39	mg/L		mg/L							JUN 11 1997	SILICA, DISSOLVED (AS SI02)
100	17524	55-610549	33	mg/L		mg/L							JUN 22 1981	SILICA, DISSOLVED (AS SI02)
136	17524	55-610549	33	mg/L		mg/L							JUN 22 1981	SILICA, DISSOLVED (AS SI02)
108	17524	55-610549	14	RATIO		RATIO							AUG 17 1980	SODIUM ADSORPTION RATIO
145	17524	55-610549	14	RATIO		RATIO							AUG 17 1980	SODIUM ADSORPTION RATIO
19	17524	55-610549	13	RATIO		RATIO							JUL 03 1974	SODIUM ADSORPTION RATIO
57	17524	55-610549	13	RATIO		RATIO							JUL 03 1974	SODIUM ADSORPTION RATIO
109	17524	55-610549	13	RATIO		RATIO							JUN 22 1981	SODIUM ADSORPTION RATIO
146	17524	55-610549	13	RATIO		RATIO							JUN 22 1981	SODIUM ADSORPTION RATIO
208	17536		4.4	RATIO		RATIO							APR 30 1963	SODIUM ADSORPTION RATIO
217	17536		4.4	RATIO		RATIO							APR 30 1963	SODIUM ADSORPTION RATIO
84	17524	55-610549	180	mg/L		mg/L							AUG 17 1980	SODIUM, DISSOLVED (AS NA)
83	17524	55-610549	200	mg/L		mg/L							JUL 03 1974	SODIUM, DISSOLVED (AS NA)
86	17524	55-610549	127.71	mg/L		mg/L							JUN 11 1997	SODIUM, DISSOLVED (AS NA)
85	17524	55-610549	170	mg/L		mg/L							JUN 22 1981	SODIUM, DISSOLVED (AS NA)
212	17536		123	mg/L		mg/L							APR 30 1963	SODIUM, DISSOLVED (AS NA)
112	17524	55-610549	92	PERCENT		PERCENT							AUG 17 1980	SODIUM, PERCENT
149	17524	55-610549	92	PERCENT		PERCENT							AUG 17 1980	SODIUM, PERCENT
110	17524	55-610549	91	PERCENT		PERCENT							JUL 03 1974	SODIUM, PERCENT
147	17524	55-610549	91	PERCENT		PERCENT							JUL 03 1974	SODIUM, PERCENT
111	17524	55-610549	89	PERCENT		PERCENT							JUL 29 1953	SODIUM, PERCENT

411 and Camelback Hydrotest Permit
59-211018 / B(2-7)13C / 211019 to 211022

All Samples

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
148	17524	55-610549	89	PERCENT		PERCENT							JUL 29 1953	SODIUM, PERCENT
113	17524	55-610549	91	PERCENT		PERCENT							JUN 22 1981	SODIUM, PERCENT
150	17524	55-610549	91	PERCENT		PERCENT							JUN 22 1981	SODIUM, PERCENT
20	17524	55-610549	21900	mg/L		mg/L							JUL 29 1953	SODIUM, PLUS POTASSIUM
151	17524	55-610549	21900	mg/L		mg/L							JUL 29 1953	SODIUM, PLUS POTASSIUM
67	17524	55-610549	546	mg/L		mg/L							AUG 17 1980	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
117	17524	55-610549	546	mg/L		mg/L							AUG 17 1980	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
30	17524	55-610549	592	mg/L		mg/L							JUL 03 1974	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
65	17524	55-610549	592	mg/L		mg/L							JUL 03 1974	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
66	17524	55-610549	659	mg/L		mg/L							JUL 29 1953	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
116	17524	55-610549	659	mg/L		mg/L							JUL 29 1953	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
68	17524	55-610549	514	mg/L		mg/L							JUN 22 1981	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
118	17524	55-610549	514	mg/L		mg/L							JUN 22 1981	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
210	17536		559	mg/L		mg/L							APR 30 1963	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
219	17536		559	mg/L		mg/L							APR 30 1963	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS
31	17524	55-610549	0.74	TON/A-FT		TON/A-FT							AUG 17 1980	SOLIDS, DISSOLVED-TONS PER ACRE-FT
71	17524	55-610549	0.74	TON/A-FT		TON/A-FT							AUG 17 1980	SOLIDS, DISSOLVED-TONS PER ACRE-FT
69	17524	55-610549	0.81	TON/A-FT		TON/A-FT							JUL 03 1974	SOLIDS, DISSOLVED-TONS PER ACRE-FT
119	17524	55-610549	0.81	TON/A-FT		TON/A-FT							JUL 03 1974	SOLIDS, DISSOLVED-TONS PER ACRE-FT
70	17524	55-610549	0.9	TON/A-FT		TON/A-FT							JUL 29 1953	SOLIDS, DISSOLVED-TONS PER ACRE-FT
120	17524	55-610549	0.9	TON/A-FT		TON/A-FT							JUL 29 1953	SOLIDS, DISSOLVED-TONS PER ACRE-FT
48	17524	55-610549	855	UMHOS/CM		UMHOS/CM							APR 15 1981	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
92	17524	55-610549	855	UMHOS/CM		UMHOS/CM							APR 15 1981	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
46	17524	55-610549	1033	UMHOS/CM		UMHOS/CM							JUL 03 1974	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
91	17524	55-610549	1033	UMHOS/CM		UMHOS/CM							JUL 03 1974	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
8	17524	55-610549	1140	UMHOS/CM		UMHOS/CM							JUL 29 1953	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
128	17524	55-610549	1140	UMHOS/CM		UMHOS/CM							JUL 29 1953	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
94	17524	55-610549	650	UMHOS/CM		UMHOS/CM							JUN 11 1997	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
129	17524	55-610549	650	UMHOS/CM		UMHOS/CM							JUN 11 1997	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)

411 and Camelback Hydrotest Permit
59-211018 / B(2-7)13C / 211019 to 211022

All Samples

Rec	DEQ Well	Registry ID	Results	Units	Detection Limits	Detection Limit Units	MCL	MCL Units	MCL2	MCL2 Units	HBGL	HBGL Units	Sample Date	Parameter Name
9	17524	55-610549	990	UMHOS/CM		UMHOS/CM							JUN 21 1977	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
47	17524	55-610549	990	UMHOS/CM		UMHOS/CM							JUN 21 1977	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
49	17524	55-610549	890	UMHOS/CM		UMHOS/CM							JUN 22 1981	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
93	17524	55-610549	890	UMHOS/CM		UMHOS/CM							JUN 22 1981	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
215	17536		910	UMHOS/CM		UMHOS/CM							JAN 01 1965	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
221	17536		910	UMHOS/CM		UMHOS/CM							JAN 01 1965	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)
78	17524	55-610549	48	ug/L		ug/L							AUG 17 1980	STRONTIUM, DISSOLVED (AS SR)
5	17524	55-610549	78	mg/L		mg/L			250	mg/L	400	mg/L	AUG 17 1980	SULFATE, TOTAL (AS SO4)
43	17524	55-610549	78	mg/L		mg/L			250	mg/L	400	mg/L	AUG 17 1980	SULFATE, TOTAL (AS SO4)
42	17524	55-610549	74	mg/L		mg/L			250	mg/L	400	mg/L	JUL 03 1974	SULFATE, TOTAL (AS SO4)
89	17524	55-610549	74	mg/L		mg/L			250	mg/L	400	mg/L	JUL 03 1974	SULFATE, TOTAL (AS SO4)
90	17524	55-610549	92	mg/L		mg/L			250	mg/L	400	mg/L	JUL 29 1953	SULFATE, TOTAL (AS SO4)
127	17524	55-610549	92	mg/L		mg/L			250	mg/L	400	mg/L	JUL 29 1953	SULFATE, TOTAL (AS SO4)
7	17524	55-610549	54.849	mg/L		mg/L			250	mg/L	400	mg/L	JUN 11 1997	SULFATE, TOTAL (AS SO4)
45	17524	55-610549	54.849	mg/L		mg/L			250	mg/L	400	mg/L	JUN 11 1997	SULFATE, TOTAL (AS SO4)
6	17524	55-610549	76	mg/L		mg/L			250	mg/L	400	mg/L	JUN 22 1981	SULFATE, TOTAL (AS SO4)
44	17524	55-610549	76	mg/L		mg/L			250	mg/L	400	mg/L	JUN 22 1981	SULFATE, TOTAL (AS SO4)
214	17536		65	mg/L		mg/L			250	mg/L	400	mg/L	APR 30 1963	SULFATE, TOTAL (AS SO4)
220	17536		65	mg/L		mg/L			250	mg/L	400	mg/L	APR 30 1963	SULFATE, TOTAL (AS SO4)
177	17524	55-610549	20	ug/L		ug/L					7	ug/L	AUG 17 1980	VANADIUM, DISSOLVED (AS V)
76	17524	55-610549	3	ug/L	3	ug/L			5000	ug/L	5000	ug/L	AUG 17 1980	ZINC, DISSOLVED (AS ZN)

Four One One and Camelback 59-211018
55-211019 thru 55-211025

From: "Greg Wallace" <gwallace@elmontgomery.com>
To: <ssward@azwater.gov>
Date: 3/8/06 8:55AM
Subject: Hydrologic testing permit for 411 and Camelback

COPY

Sharon;

Per our discussion the water usage during the hydrologic testing permit will be for dust control and grading. The total amount will not exceed 10 acre feet.

Attached is the proposed well construction diagram for the wells to be constructed on site.

Greg Wallace

Errol L. Montgomery & Associates, Inc.
7949 E. Acoma Drive, Suite 100
Scottsdale, AZ 85260

480-948-7747 office
480-948-8737 fax
602-818-2399 mobile
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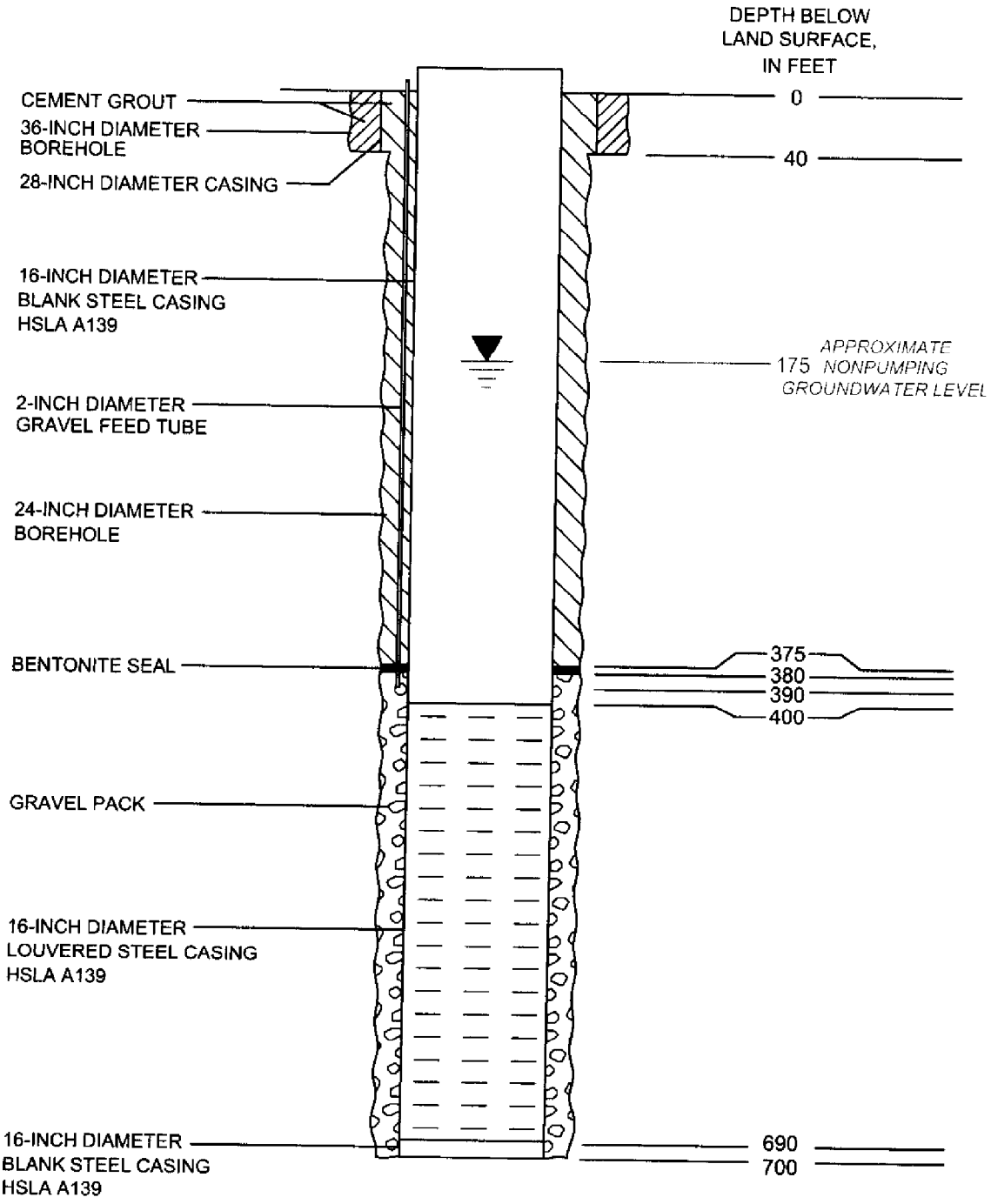

SCHEMATIC DIAGRAM OF PROPOSED WELL CONSTRUCTION

1215.01\propWell\Schematic\21Oct2005

ERROL L. MONTGOMERY & ASSOCIATES, INC.

COPY

From: Sharon Ward
To: Darlene Sumpter-King
Date: 3/13/06 3:12PM
Subject: Four One One and Camelback LLC, Hydrotest App # 59-211018, Well #s 55-211019 thru 55-211022

The Phoenix AMA recommends approval of the above-referenced application for Hydrologic Testing.

Thank you,
Sharon

CC: J.Scott Miller; Jeff Tannler

COPY

From: Carol Norton
To: Sumpter-King, Darlene
Date: 3/13/06 11:54AM
Subject: 59-211018 Four One One and Camelback, LLC Hydro Test

The Hydrology Division is in receipt of the above referenced Application to Withdraw Groundwater for Hydrologic Testing. The applicant intends to withdraw 10 acre feet of groundwater from four new wells to be drilled, nos. 55-211019 B(02-07)13 ccb, 55-211020 B(02-07)13 caa, 55-211021 B(02-07)13 ccc and 55-211022 B(02-07)13 cdd. The purpose of the test is to determine aquifer characteristics. Groundwater withdrawn will be put to beneficial use via dust control.

The Hydrology Division supports issuance of this permit with the following Special Condition:

1. Test results shall be submitted to Darlene Sumpter-King, Phoenix Active Management Area, Arizona Department of Water Resources, 3550 North Central Avenue, Phoenix, Arizona 85012, within 60 days upon completion of the test(s). 3/13/6

Carol Norton
Hydrology Division

CC: Ward, Sharon; wrjsm; Zachreson, Tana

ARIZONA DEPARTMENT OF WATER RESOURCES
WATER MANAGEMENT SUPPORT SECTION
MAIL TO: P.O. BOX 458, PHOENIX, ARIZONA 85001-0458
500 NORTH 3RD STREET - PHOENIX, ARIZONA 85004-3903
Phone (602) 417-2470 Fax (602) 417-2422

COPY

RECEIVED
FEB 15 2006
PHOENIA AMA

APPLICATION FOR PERMIT TO WITHDRAW GROUNDWATER FOR HYDROLOGIC TESTING PURPOSES WITHIN AN ACTIVE MANAGEMENT AREA (A.R.S. §45-519.01)

I. INSTRUCTIONS

1. COMPLETE ALL APPROPRIATE ITEMS ON THIS APPLICATION AND SIGN IN DESIGNATED PLACE.
2. Mail to: P.O. Box 458, Phoenix, Arizona 85001-0458 or deliver in person to the above address.
3. Pursuant to A.R.S. § 45-113, the application fee is $50.00, and the permit fee is $50.00. You may submit both checks at the time of filing the application.

FOR DEPARTMENT USE ONLY
Application/Permit No. 59-211018
Filed 2-15-2006
AMA PHOENIX
S/B 03 W/S 08

II. GENERAL DATA

Please check one:

☒ New Application
☐ Renewal or ☐ Modification of Permit No. 59-_____.

1. NAME OF APPLICANT Four One One and Camelback, LLC

Mailing Address PO Box 41030

Mesa | AZ | 85274

City | State | Zip Code | Telephone Number

2. NAME OF LAND OWNER where groundwater will be withdrawn Four One One and Camelback, LLC

Mailing address PO Box 41030

Mesa | AZ | 85274

City | State | Zip Code | Telephone Number

3. PURPOSE OF THIS TESTING PERMIT (check only one box):

☐ To obtain groundwater samples not exceeding 3 acre feet per annum for testing groundwater quality in order to comply with applicable environmental controls for a period of up to 10 years (A.R.S. § 45-519.01.A.)

☐ To test hydrologic characteristics and conditions, including groundwater quality. Groundwater withdrawn shall not exceed 10 acre feet nor shall the period of withdrawal exceed 90 days, (A.R.S. § 45-519.01.B.)

☒ To withdraw more than 10 acre feet of groundwater for hydrologic testing purposes, and/or for a period greater than 90 days include specifics of testing circumstances that require such withdrawal and/or period, (A.R.S. § 45-519.01.D.)

☐ To withdraw groundwater to test the hydrologic characteristics of a potential artificial groundwater recharge project site, or a potential underground storage and recovery project site. The period of withdrawal may not exceed 2 years (A.R.S. § 45-519.01.E.)

4. Groundwater will be withdrawn within the West Salt River Valley sub-basin of the Phoenix Active Management Area.

5. The specific purpose for the hydrologic testing is: Aquifer testing and water quality investigations

6. Please be specific how the groundwater withdrawn will be put to beneficial use and the groundwater right number for that use if applicable. To be used for irrigation for BID

7. If applicant cannot reasonably put the withdrawn groundwater to a beneficial use or provide it to a rightholder, explain why.

8. Legal description of land where groundwater will be used: T2N R1W Sec 13

9. Name and mailing address of the owner of the land where groundwater will be used: same as 2 above

Mailing Address | City | State | Zip Code | Telephone No.

10. Total amount of groundwater for which application is being made: 10-12 acre feet.

11. Anticipated duration of the hydrologic testing 3-5 Days _____ Months.

12. Requested duration of the hydrologic testing permit _____ Days 12 Months.

13. State the testing circumstances that require withdrawals in excess of 10 acre feet or a testing period for more than 90 days: Obtaining other permits from Maricopa County and scheduling drilling contractors may take several months.

14. Indicate the system by which the groundwater withdrawn for a test involving a potential recharge or storage and recovery project will be added back to the aquifer.

15. Groundwater to be withdrawn by means of:

A. WELLS ALREADY IN EXISTENCE:

Registration No.	Location	Depth	Diameter of Casing	Case Type
55-				
55-				

B. WELLS TO BE NEWLY CONSTRUCTED:

Complete and attach New Well Construction Supplement, DWR form 55-90, for each new well to be drilled.

16. State your plans for the well(s) after testing is completed: Wells may be used for construction water

It is understood that the Permit, if granted, will be in accordance with the Groundwater Management Code (Title 45, Chapter 2). The permittee will be bound by the provisions of such law and the provisions of the Permit issued.

I (we) _____ hereby swear that all information provided in this application is true and correct to the best of my/our knowledge and belief.
(print name)

Signature of Applicant _____ Date 2-6-06

ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT DIVISION
500 North Third Street - Phoenix, Arizona 85004-3903
Telephone 602-417-2470
Fax 602-417-2422

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PHOENIX AMA

NEW WELL CONSTRUCTION SUPPLEMENT (form DWR 55-90)

Well Registration Number 55- 211019
(FOR DEPARTMENT USE ONLY)

1. **Well Location:**

   NW ¼ (10AC) of the SW ¼ (40AC) of the SW ¼ (160AC), Sec. 13, Township 2N Range 7W.

2. **Position Location of the Well:**

   Latitude ____ ° ____ ' ____ " **Longitude** ____ ° ____ ' ____ "

3. **County** Maricopa.

4. **Date construction to start:** 02/06/2006.

5. **Time period well will remain in use:** indefinitely.

6. **Is pump equipment to be installed?** Yes **If so, design pump capacity:** 1200 **GPM.**

7. **Well construction plan:**

   a. **Drilling method (mud rotary, hollow-stem auger, etc.)** Reverse rotary.

   b. **Borehole diameters** 24 **inches from** 0 **feet to** 40 **feet.**
   16 **inches from** 40 **feet to** 700 **feet.**

   c. **Casing materials** steel - high strength low allow (HSLA).

   d. **Method of well development (bail, air lift, surge, etc.)** air-lift swab.

   e. **Will surface or conductor casing extend above grade?** yes - at least 1 foot.

8. **Include a detailed construction diagram of the proposed well design. The diagram should verify consistency with minimum construction requirements specified in the Department's well construction rules found in Arizona Administrative Code (A.A.C.) R12-15-801 *et. seq.* Specifically, the diagram should include borehole diameters; casing materials and diameters; perforation intervals; the expected water level; depth and thickness of the surface seal; proposed grouting materials; and the length that the surface or conductor casing will extend above grade, or vault details, if specified.**

9. **Proposed materials and method of abandonment if well is to be abandoned after project is completed (Minimum requirements per A.A.C. R12-15-816):**

   N/A

10. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material, or petroleum storage area or tank? _____Yes __x__No

11. Is this well to monitor existing contamination? ____Yes __X__No

Potential contamination?_____Yes __X__No If yes, please provide explanation:_____

_____

_____

12. Will the proposed well be a replacement well in the same location (A.R.S. §§ 45-596 and 45-597, A.A.C. R12-15-840)? A replacement well is one located no more than 660 feet from the original well that it is replacing, and which is not expected to withdraw on an annual basis more groundwater than historical annual withdrawals from the original well. ____Yes No

If yes then indicate the following:

(a) Record the registration number for the well that will be replaced: 55-_____

(b) Will the original well to be replaced be _____Capped, _____ Abandoned _____Other.

If Other, please explain: _____.

13. Name of Consulting firm, if any : E. L. Montgomery & Associates, Inc.

7949 E. Acoma Drive, Suite 100	Scottsdale	Arizona	85260
Address	City	State	Zip

Contact Person: Gregory Wallace Telephone Number (480) 948-7747

14. Drilling firm: out to bid

DWR License Number: _____ ROC License Category: _____

15. Special construction standards, if any, required pursuant to A.A.C. R12-15-821:_____

_____

_____

I (we), _____ hereby swear that all information provided in this
(print name) application is true and correct to the best of my/our knowledge and belief.

[signature] 2-6-06

Signature of Applicant Date

DWR-55-90 (Rev 9/02)

ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT DIVISION
500 North Third Street - Phoenix, Arizona 85004-3903
Telephone 602-417-2470
Fax 602-417-2422

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FEB 15 2006
PHOENIX AMA

NEW WELL CONSTRUCTION SUPPLEMENT (form DWR 55-90)

Well Registration Number 55- 211021
(FOR DEPARTMENT USE ONLY)

1. **Well Location:**

   SW (10AC) ¼ of the SW (40AC) ¼ of the SW (160AC) ¼, Sec. 13, Township 2N Range 7W.

2. **Position Location of the Well:**

   Latitude ____ ° ____ ' ____ " **Longitude** ____ ° ____ ' ____ "

3. **County** Maricopa.

4. **Date construction to start:** 02/06/2006.

5. **Time period well will remain in use:** indefinitely.

6. **Is pump equipment to be installed?** Yes **If so, design pump capacity:** 1200 **GPM.**

7. **Well construction plan:**

   a. **Drilling method (mud rotary, hollow-stem auger, etc.)** Reverse rotary.

   b. **Borehole diameters** 24 **inches from** 0 **feet to** 40 **feet.**
   16 **inches from** 40 **feet to** 700 **feet.**

   c. **Casing materials** steel - high strength low allow (HSLA).

   d. **Method of well development (bail, air lift, surge, etc.)** air-lift swab.

   e. **Will surface or conductor casing extend above grade?** yes - at least 1 foot.

8. **Include a detailed construction diagram of the proposed well design. The diagram should verify consistency with minimum construction requirements specified in the Department's well construction rules found in Arizona Administrative Code (A.A.C.) R12-15-801 *et. seq.* Specifically, the diagram should include borehole diameters; casing materials and diameters; perforation intervals; the expected water level; depth and thickness of the surface seal; proposed grouting materials; and the length that the surface or conductor casing will extend above grade, or vault details, if specified.**

9. **Proposed materials and method of abandonment if well is to be abandoned after project is completed (Minimum requirements per A.A.C. R12-15-816):**

   N/A

10. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material, or petroleum storage area or tank? _____Yes __x__No

11. Is this well to monitor existing contamination? ____Yes __X__No

Potential contamination?_____Yes __X__No If yes, please provide explanation:_____

_____

_____

12. Will the proposed well be a replacement well in the same location (A.R.S. §§ 45-596 and 45-597, A.A.C. R12-15-840)? A replacement well is one located no more than 660 feet from the original well that it is replacing, and which is not expected to withdraw on an annual basis more groundwater than historical annual withdrawals from the original well. ____Yes ____No

If yes then indicate the following:

(a) Record the registration number for the well that will be replaced: 55-_____

(b) Will the original well to be replaced be _____Capped, _____ Abandoned _____Other.

If Other, please explain: _____.

13. Name of Consulting firm, if any : E. L. Montgomery & Associates, Inc.

7949 E. Acoma Drive, Suite 100	Scottsdale	Arizona	85260
Address	City	State	Zip

Contact Person: Gregory Wallace Telephone Number (480) 948-7747

14. Drilling firm: out to bid

DWR License Number: _____ ROC License Category: _____

15. Special construction standards, if any, required pursuant to A.A.C. R12-15-821:_____

_____

_____

I (we), _____ hereby swear that all information provided in this application is true and correct to the best of my/our knowledge and belief.
(print name)

Richard Gilbert 2-06-06

Signature of Applicant Date

DWR-55-90 (Rev 9/02)

ARIZONA DEPARTMENT OF WATER RESOURCES
GROUNDWATER MANAGEMENT DIVISION
500 North Third Street - Phoenix, Arizona 85004-3903
Telephone 602-417-2470
Fax 602-417-2422

RECEIVED
FEB 15 2006
PRESCOTT AMA

NEW WELL CONSTRUCTION SUPPLEMENT (form DWR 55-90)

Well Registration Number 55- 211022
(FOR DEPARTMENT USE ONLY)

1. **Well Location:**

   SE (10AC) ¼ of the SE (40AC) ¼ of the SW (160AC) ¼, Sec. 13, Township 2N Range 7W.

2. **Position Location of the Well:**

   Latitude ____ ° ____ ' ____ " **Longitude** ____ ° ____ ' ____ "

3. **County** Maricopa.

4. **Date construction to start:** 02/06/2006.

5. **Time period well will remain in use:** indefinitely.

6. **Is pump equipment to be installed?** Yes **If so, design pump capacity:** 1200 **GPM.**

7. **Well construction plan:**

   a. **Drilling method (mud rotary, hollow-stem auger, etc.)** Reverse rotary.

   b. **Borehole diameters** 24 **inches from** 0 **feet to** 40 **feet.**
   16 **inches from** 40 **feet to** 700 **feet.**

   c. **Casing materials** steel - high strength low allow (HSLA).

   d. **Method of well development (bail, air lift, surge, etc.)** air-lift swab.

   e. **Will surface or conductor casing extend above grade?** yes - at least 1 foot.

8. **Include a detailed construction diagram of the proposed well design. The diagram should verify consistency with minimum construction requirements specified in the Department's well construction rules found in Arizona Administrative Code (A.A.C.) R12-15-801 *et. seq.* Specifically, the diagram should include borehole diameters; casing materials and diameters; perforation intervals; the expected water level; depth and thickness of the surface seal; proposed grouting materials; and the length that the surface or conductor casing will extend above grade, or vault details, if specified.**

9. **Proposed materials and method of abandonment if well is to be abandoned after project is completed (Minimum requirements per A.A.C. R12-15-816):**

   N/A

10. Is the proposed wellsite within 100 feet of a septic tank system, sewage disposal area, landfill, hazardous waste facility, storage area of hazardous material, or petroleum storage area or tank? _____Yes __x__No

11. Is this well to monitor existing contamination? ____Yes __X__No

Potential contamination?_____Yes __X__No If yes, please provide explanation:_____

_____

_____

12. Will the proposed well be a replacement well in the same location (A.R.S. §§ 45-596 and 45-597, A.A.C. R12-15-840)? A replacement well is one located no more than 660 feet from the original well that it is replacing, and which is not expected to withdraw on an annual basis more groundwater than historical annual withdrawals from the original well. ____Yes ____No

If yes then indicate the following:

(a) Record the registration number for the well that will be replaced: 55-_____

(b) Will the original well to be replaced be _____Capped, _____ Abandoned _____Other.

If Other, please explain: _____.

13. Name of Consulting firm, if any : E. L. Montgomery & Associates, Inc.

7949 E. Acoma Drive, Suite 100	Scottsdale	Arizona	85260
Address	City	State	Zip

Contact Person: Gregory Wallace Telephone Number (480) 948-7747

14. Drilling firm: out to bid

DWR License Number: _____ ROC License Category: _____

15. Special construction standards, if any, required pursuant to A.A.C. R12-15-821:_____

_____

_____

I (we), _____ hereby swear that all information provided in this application is true and correct to the best of my/our knowledge and belief.
(print name)

Signature of Applicant 2-06-06 Date

DWR-55-90 (Rev 9/02)

ALTA/ACSM LAND TITLE SURVEY

OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 13, TOWNSHIP 2 NORTH, RANGE 7 WEST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA

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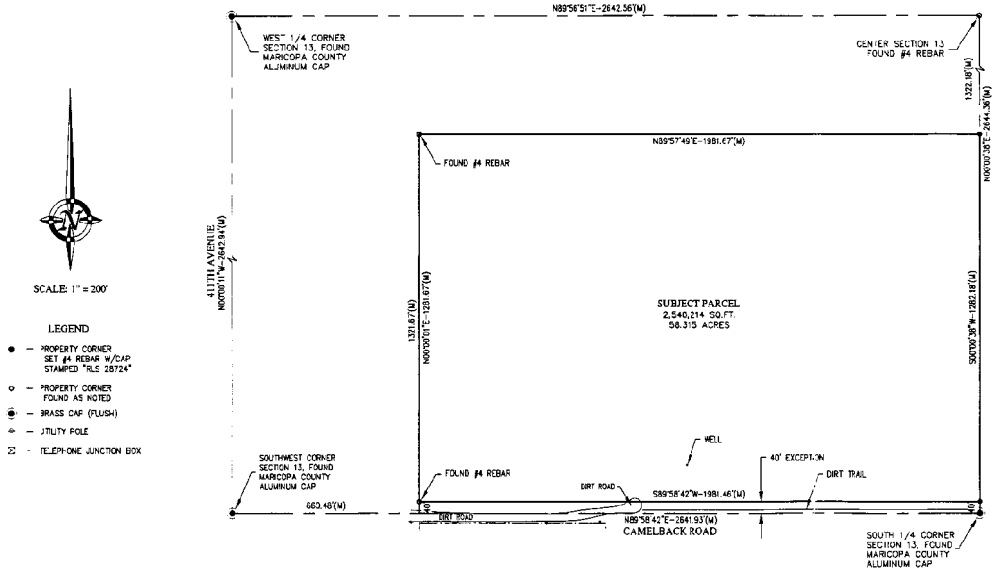
FEB 15 2006
PHOENIX AMA



SCALE: 1" = 200'

LEGEND

- ● – PROPERTY CORNER SET #4 REBAR W/CAP STAMPED "RLS 28724"
- ○ – PROPERTY CORNER FOUND AS NOTED
- ⊕ – BRASS CAP (FLUSH)
- ⌖ – UTILITY POLE
- ⊠ – TELEPHONE JUNCTION BOX

LEGAL DESCRIPTION:

THE SOUTH ONE-HALF OF THE SOUTHWEST ONE-QUARTER OF SECTION THIRTEEN (13), TOWNSHIP TWO (2) NORTH, RANGE SEVEN (7) WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA;

EXCEPT THE WEST ONE-HALF OF THE SOUTHWEST ONE-QUARTER OF THE SOUTHWEST ONE-QUARTER OF SAID SECTION 13;

AND EXCEPT THE SOUTH FORTY (40) FEET THEREOF.

SCHEDULE B NOTES:

SCHEDULE B OF REFERENCED TITLE REPORT CONTAINED NO MAPPABLE ITEMS.

GENERAL NOTES:

1.) EXCEPT AS NOTED, SURVEYOR HAS MADE NO INDEPENDENT INVESTIGATION OF SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE OR ANY OTHER MATTER THAT AN ACCURATE AND CURRENT TITLE REPORT MAY DISCLOSE.
2.) DECLARATION IS MADE TO ORIGINAL PURCHASER AND THOSE NAMED IN THE CERTIFICATION ONLY. SURVEY IS NOT TRANSFERABLE TO SUBSEQUENT OWNERS OR ADDITIONAL INSTITUTIONS WITHOUT WRITTEN PERMISSION OF THE SURVEYOR.
3.) SURVEY IS VALID ONLY IF PRINT BEARS SEAL AND SIGNATURE OF SURVEYOR.
4.) FIELDWORK PERFORMED APRIL 2005, AND CONDITIONS SHOWN ARE THOSE THAT EXISTED AT THE TIME OF THE SURVEY.
5.) BOUNDARY AND EASEMENT INFORMATION TAKEN FROM A TITLE REPORT PROVIDED BY THE TALON GROUP, ORDER NO. 416-4452117, DATED 25 MARCH 2005.
6.) PROPERTY MAY BE SUBJECT TO EASEMENTS (RECORDED OR UNRECORDED) NOT KNOWN TO THE SURVEYOR, AND NOT SHOWN HEREON.

FLOOD INFORMATION:

SUBJECT PROPERTY LIES IN ZONE SHADED X. AREAS OF 500-YEAR FLOOD; AREAS OF 100-YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD, ACCORDING TO FLOOD INSURANCE RATE MAP NUMBER 04013C1560 E, DATED JULY 19, 2001.

SURVEYOR'S CERTIFICATION:

TO: 407TH AND CAMELBACK, LLC; SUSAN A. KELLER, TRUSTEE SUSAN A. KELLER TRUST; JOHN C. ANNAND, II AND EDNA A. ANNAND, TRUSTEES ANNAND LIVING TRUST; MARY JANE ANNAND VINELLA; R. SCOTT KELLER; R. CRAIG KELLER; CHRISTENA KELLER ROMANAGGI; MONIKA KELLER; BRIAN K. ANNAND; LESLIE S. ANNAND; JACK VINELLA; THE TALON GROUP

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS" JOINTLY ESTABLISHED AND ADOPTED BY ALTA, ACSM AND NSPS IN 1999, AND INCLUDES ITEMS 1, 3, 4, 8, 11A, 14 AND 16, OF TABLE A THEREOF. PURSUANT TO THE ACCURACY STANDARDS AS ADOPTED BY ALTA, NSPS AND ACSM AND IN EFFECT ON THE DATE OF THIS CERTIFICATION, THE UNDERSIGNED FURTHER CERTIFIES THAT PROPER FIELD PROCEDURES, INSTRUMENTATION, AND ADEQUATE SURVEY PERSONNEL WERE EMPLOYED IN ORDER TO ACHIEVE RESULTS COMPARABLE TO THOSE OUTLINED IN THE "MINIMUM ANGLE, DISTANCE, AND CLOSURE REQUIREMENTS FOR SURVEY MEASUREMENTS WHICH CONTROL LAND BOUNDARIES FOR ALTA/ACSM LAND TITLE SURVEYS.

MATTHEW A. GRAHAM
ARIZONA R.L.S. 28724

ALTA/ACSM SURVEY

407TH AND CAMELBACK

engineering.
16035 NORTH 43RD STREET
PHOENIX, AZ 85032
OFFICE: 602.787.0333 FAX: 602.787.0336

DESIGNER:	
DRAWN:	MAG
CHECKED: MAG	DATE: 4.13.05
PROJECT NO.	05-210
SHEET 1 OF 1	

all to fly/Annotate

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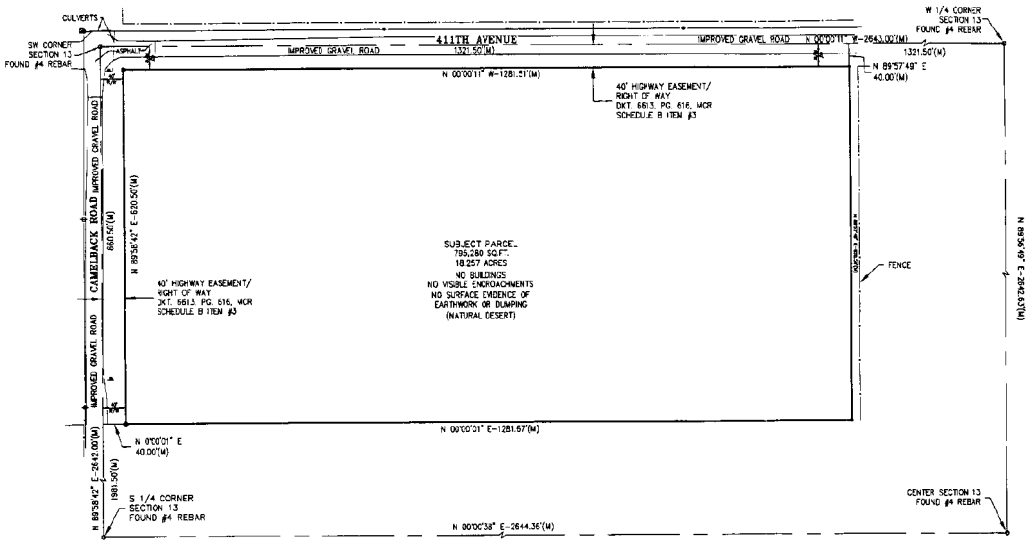
FEB 15 2006
PHOENIX AMA

ALTA/ACSM LAND TITLE SURVEY
OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 13, TOWNSHIP 2 NORTH, RANGE 7 WEST, GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA



SCALE: 1" = 100'
0' 50' 100' 200'

LEGAL DESCRIPTION:
THE WEST HALF OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 13, TOWNSHIP 2 NORTH, RANGE 7 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

SCHEDULE B NOTES:
ITEMS 1 AND 2 ARE NOT MAPPABLE AND ARE NOT SHOWN HEREON.
ITEM 3, A ROADWAY RIGHT OF WAY/EASEMENT, IS SHOWN HEREON.

ZONING:
SUBJECT PROPERTY IS CURRENTLY ZONED R-43.

FLOOD INFORMATION:
SUBJECT PROPERTY LIES IN ZONE "SHADED X", AREAS OF 500 YEAR FLOOD; AREAS OF 100 YEAR FLOOD WITH AVERAGE DEPTHS LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 100 YEAR FLOOD, ACCORDING TO CURRENT FLOOD INSURANCE RATE MAPS, MAP NO. 04013C1503 E, DATED 19 JULY 2001.

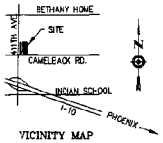
SURVEYOR'S CERTIFICATION:
TO: CLARKE KENT, LLC; MARY A. SMITH; AND SECURITY TITLE AGENCY, INC.

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS", JOINTLY ESTABLISHED AND ADOPTED BY ALTA, ACSM AND NSPS IN 1998, AND INCLUDES ITEMS 1, 2, 3, 4, 7A, 8, 9, 10, 11A, 14, 15 AND 16 OF TABLE A THEREOF. PURSUANT TO THE ACCURACY STANDARDS AS ADOPTED BY ALTA, NSPS AND ACSM AND IN EFFECT ON THE DATE OF THIS CERTIFICATION, THE UNDERSIGNED FURTHER CERTIFIES THAT PROPER FIELD PROCEDURES, INSTRUMENTATION AND ADEQUATE SURVEY PERSONNEL WERE EMPLOYED IN ORDER TO ACHIEVE RESULTS COMPARABLE TO THOSE OUTLINED IN THE "MINIMUM ANGLE, DISTANCE, AND CLOSURE REQUIREMENTS FOR SURVEY MEASUREMENTS WHICH CONTROL LAND BOUNDARIES FOR ALTA/ACSM LAND TITLE SURVEYS."

MATTHEW A. GRAHAM
ARIZONA R.L.S. 28724

NOTES:
1.) EXCEPT AS NOTED, SURVEYOR HAS MADE NO INDEPENDENT INVESTIGATION OR SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE OR ANY OTHER MATTER THAT AND ACCURATE AND CURRENT TITLE REPORT MAY DISCLOSE.
2.) SURVEY IS VALID ONLY IF PLAT BEARS ORIGINAL SEAL AND/OR SIGNATURE OF SURVEYOR.
3.) FIELDWORK PERFORMED DURING JULY 2004.
4.) CONDITIONS SHOWN ARE THOSE THAT EXISTED AT THE TIME OF THE SURVEY.
5.) BOUNDARY AND EASEMENT INFORMATION TAKEN FROM A TITLE REPORT PROVIDED BY SECURITY TITLE AGENCY, ORDER NO. 8504018609/MF/DGB, DATED 7/13/04.
6.) PROPERTY MAY BE SUBJECT TO EASEMENTS (RECORDED OR UNRECORDED) NOT KNOWN TO THE SURVEYOR AND NOT SHOWN HEREON.

LEGEND
- ● – PROPERTY CORNER SET #4 REBAR W/CAP STAMPED "RLS 28724" U.O.N.
- ○ – PROPERTY/SECTION CORNER FOUND AS NOTED
- ▼ – SIGN
- ⊕ – UTILITY POLE
- — — DOWNGUY



VICINITY MAP
NOT TO SCALE

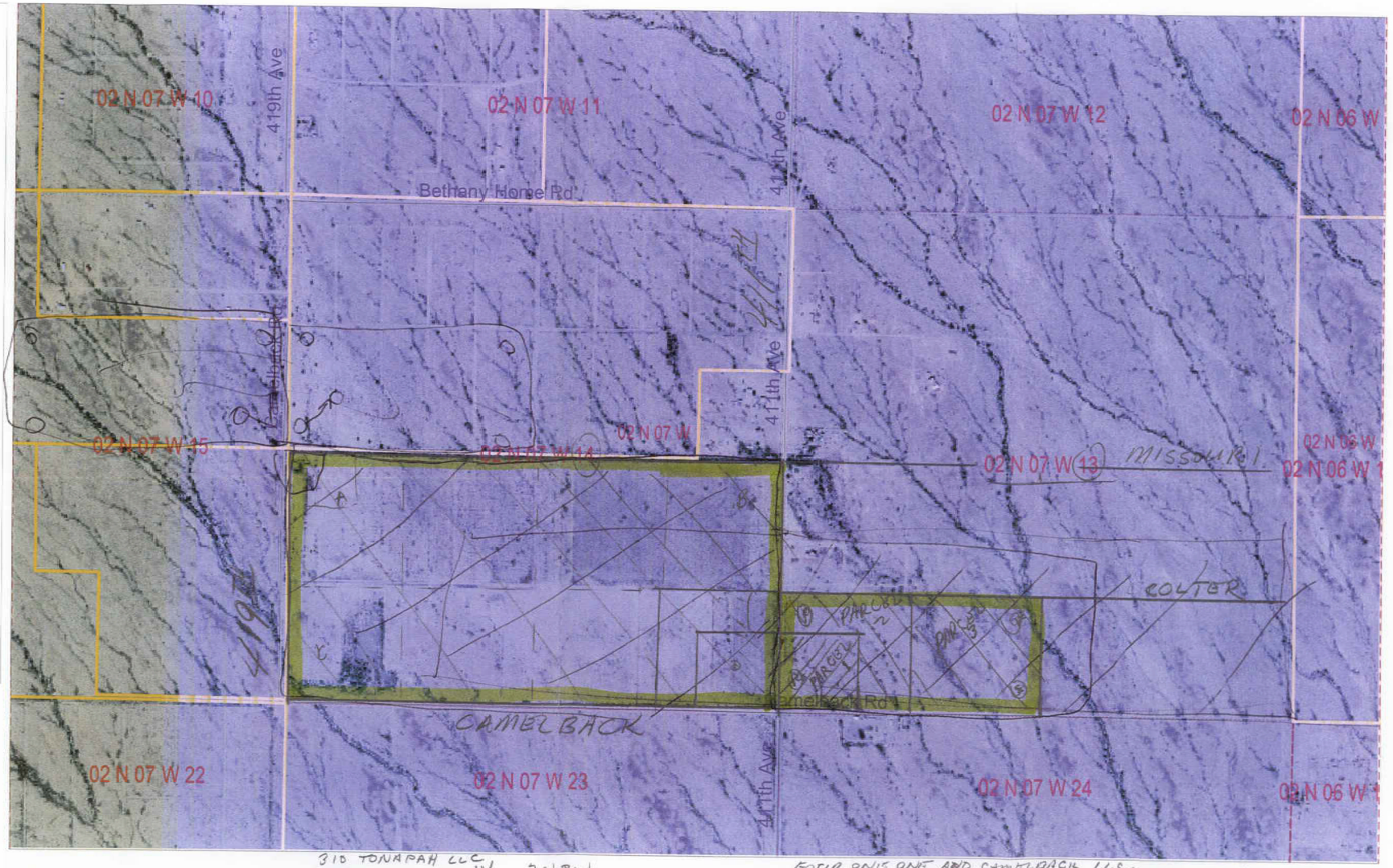
A.L.T.A./A.C.S.M.
LAND TITLE SURVEY
FOR
CLARKE KENT, LLC
411TH AND CAMELBACK SITE

Date: 07/29/2004

Hoskin • Ryan Consultants, Inc.
creative engineering solutions
3003 North Central Avenue, Suite 1500, Phoenix, Arizona 85012-2902
Office: (602) 252-8364 Fax: (602) 252-8365 www.hoskinryan.c
Land Planning • Hydrology • Land Development • Civil Engineering • Surveying

04-075-0° 411TH AND CAMELBA

County Parcels



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5 Aerial Photos
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EIVE
1 5 2006
OENIX AMA

SCALE 1 : 12,944

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FEET

.gov/Assessor/GIS/Maps/assessor.mwf

310 TONAPAH LLC
A NW NW SW 14
B NE NE SE 14
C SW SW SW 14
D SE SE SE 14

2N 7W

FOUR ONE ONE AND CAMELBACK LLC
SW
SW SE SW½ 13
P NW SW SW 13 2N 7W
R SW SW SW 13
Q NE SE SW 13
S SE SE SW 13

N

ERROL L. MONTGOMERY & ASSOCIATES, INC.

Tuesday, January 31, 2006 1:04 PM

Arizona Dept of Water Resources - Darlene Sumpter-King
PHOENIX AMA - CHECK DEPOSIT REQUEST

Date: February 27, 2006

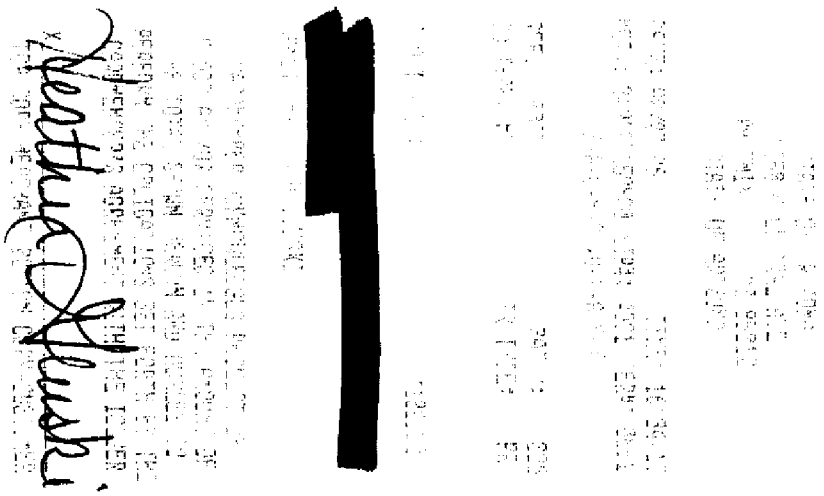
Applicant: Four One One and Camelback

Payment submitted by: Errol Montgomery and Associates

Credit Card: 7949 E. Acoma Drive, Suite 100, Scottsdale, AZ 85260

Application No. 59-211018.0000

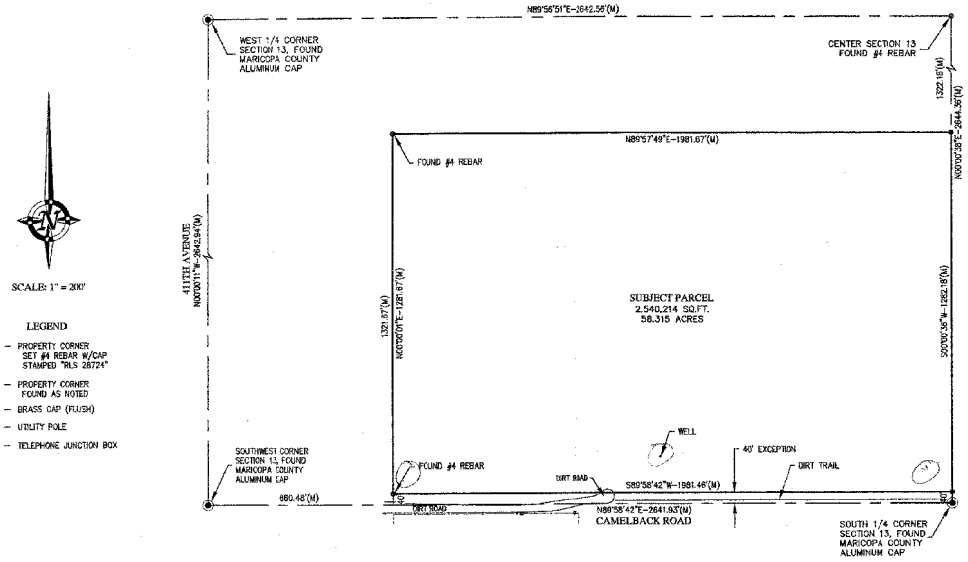
Code	Type of Fee:	Amount:	Check No.
55	Application for Well Permit **($150.00)**		
55	Well Permit Fee **($30.00)**		
58	Type I Conversion Request Flex Account Transfers **($100.00)**		
58	Notification of Change of Ownership of an Irrigation Grandfathered Right **($35.00)**		
60	Application to Substitute Irrigation Acres		
59	Applications for Permit to Withdraw **($50.00 or $150.00)**	$50.00	Credit card
59	Withdrawal Permit Fee **($50.00)**	$50.00	Credit card



ALTA/ACSM LAND TITLE SURVEY

OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 13, TOWNSHIP 2 NORTH, RANGE 7 WEST OF THE GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA

RECEIVED
FEB 15 2008
ENGINEERING



SCALE: 1" = 200'

LEGEND

- ● – PROPERTY CORNER SET #4 REBAR W/CAP STAMPED "RLS 28724"
- ▫ – PROPERTY CORNER FOUND AS NOTED
- ◉ – BRASS CAP (FLUSH)
- ⌾ – UTILITY POLE
- ⊠ – TELEPHONE JUNCTION BOX

LEGAL DESCRIPTION:

THE SOUTH ONE-HALF OF THE SOUTHWEST ONE-QUARTER OF SECTION THIRTEEN (13), TOWNSHIP TWO (2) NORTH, RANGE SEVEN (7) WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA;

EXCEPT THE WEST ONE-HALF OF THE SOUTHWEST ONE-QUARTER OF THE SOUTHWEST ONE-QUARTER OF SAID SECTION 13;

AND EXCEPT THE SOUTH FORTY (40) FEET THEREOF.

SCHEDULE B NOTES:

SCHEDULE B OF REFERENCED TITLE REPORT CONTAINED NO MAPPABLE ITEMS.

GENERAL NOTES:

1.) EXCEPT AS NOTED, SURVEYOR HAS MADE NO INDEPENDENT INVESTIGATION OF SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE OR ANY OTHER MATTER THAT AN ACCURATE AND CURRENT TITLE REPORT MAY DISCLOSE.
2.) DECLARATION IS MADE TO ORIGINAL PURCHASER AND THOSE NAMED IN THE CERTIFICATION ONLY. SURVEY IS NOT TRANSFERABLE TO SUBSEQUENT OWNERS OR ADDITIONAL INSTITUTIONS WITHOUT WRITTEN PERMISSION OF THE SURVEYOR.
3.) SURVEY IS VALID ONLY IF PRINT BEARS SEAL AND SIGNATURE OF SURVEYOR.
4.) FIELDWORK PERFORMED APRIL 2005, AND CONDITIONS SHOWN ARE THOSE THAT EXISTED AT THE TIME OF THE SURVEY.
5.) BOUNDARY AND EASEMENT INFORMATION TAKEN FROM A TITLE REPORT PROVIDED BY THE TALON GROUP, ORDER NO. 416-4462117, DATED 25 MARCH 2005.
6.) PROPERTY MAY BE SUBJECT TO EASEMENTS (RECORDED OR UNRECORDED) NOT KNOWN TO THE SURVEYOR, AND NOT SHOWN HEREON.

FLOOD INFORMATION:

SUBJECT PROPERTY LIES IN ZONE SHADED X: AREAS OF 500-YEAR FLOOD; AREAS OF 100-YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD. ACCORDING TO FLOOD INSURANCE RATE MAP NUMBER 04013C1500 E, DATED JULY 19, 2001.

SURVEYOR'S CERTIFICATION:

TO: 407TH AND CAMELBACK, LLC; SUSAN A. KELLER, TRUSTEE SUSAN A. KELLER TRUST; JOHN D. ANNAND, II AND EDNA N. ANNAND, TRUSTEES ANNAND LIVING TRUST; MARY JANE ANNAND VINELLA; R. SCOTT KELLER; R. CRAIG KELLER; CHRISTENA KELLER ROMANANCO; MONIKA KELLER; BRIAN K. ANNAND; LESLIE S. ANNAND; JACK VINELLA; THE TALON GROUP

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS" JOINTLY ESTABLISHED AND ADOPTED BY ALTA, ACSM AND NSPS IN 1992, AND INCLUDES ITEMS 1, 3, 4, 8, 11A, 14 AND 16, OF TABLE A THEREOF. PURSUANT TO THE ACCURACY STANDARDS AS ADOPTED BY ALTA, NSPS AND ACSM AND IN EFFECT ON THE DATE OF THIS CERTIFICATION, THE UNDERSIGNED FURTHER CERTIFIES THAT PROPER FIELD PROCEDURES, INSTRUMENTATION, AND ADEQUATE SURVEY PERSONNEL WERE EMPLOYED IN ORDER TO ACHIEVE RESULTS COMPARABLE TO THOSE OUTLINED IN THE "MINIMUM ANGLE, DISTANCE, AND CLOSURE REQUIREMENTS FOR SURVEY MEASUREMENTS WHICH CONTROL LAND BOUNDARIES FOR ALTA/ACSM LAND TITLE SURVEYS.

MATTHEW A. GRAHAM
ARIZONA R.L.S. 28724

ALTA/ACSM SURVEY

407TH AND CAMELBACK

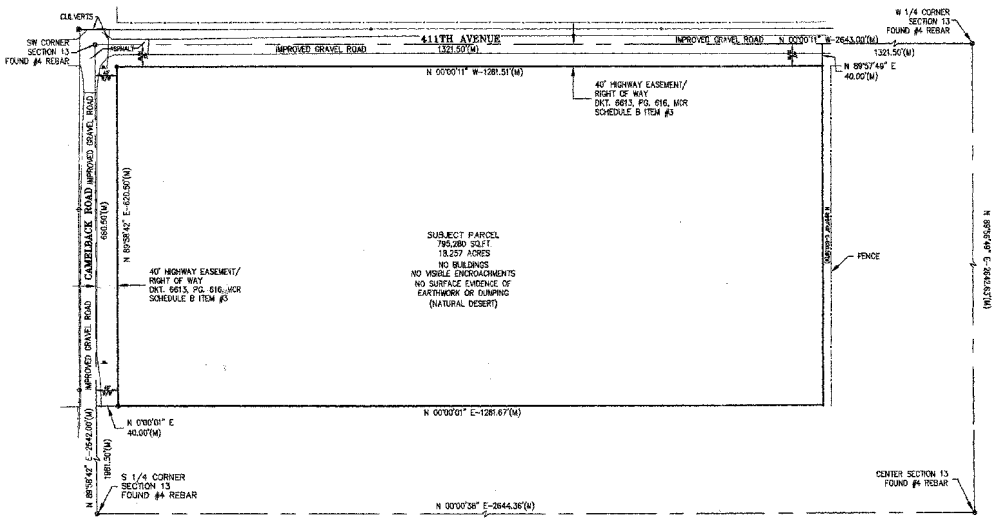
engineering, inc.
16035 NORTH 43RD STREET
PHOENIX, AZ 85032
OFFICE: 602.787.0353 FAX: 602.787.0356

DESIGNER:	
DRAWN:	MAG
CHECKED: MAG	DATE: 4.13.05
PROJECT NO:	05-210
SHEET 1	OF 1

411 to Camelback
52 AC

RECEIVED
FEB 15 2005

ALTA/ACSM LAND TITLE SURVEY
OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 13, TOWNSHIP 2 NORTH, RANGE 7 WEST, GILA AND SALT RIVER MERIDIAN, MARICOPA COUNTY, ARIZONA



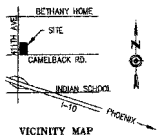
NOTES:

1.) EXCEPT AS NOTED, SURVEYOR HAS MADE NO INDEPENDENT INVESTIGATION OR SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE OR ANY OTHER MATTER THAT AND ACCURATE AND CURRENT TITLE REPORT MAY DISCLOSE.
2.) SURVEY IS VALID ONLY IF PLAT BEARS ORIGINAL SEAL AND/OR SIGNATURE OF SURVEYOR.
3.) FIELDWORK PERFORMED DURING JULY 2004.
4.) CONDITIONS SHOWN ARE THOSE THAT EXISTED AT THE TIME OF THE SURVEY.
5.) BOUNDARY AND EASEMENT INFORMATION TAKEN FROM A TITLE REPORT PROVIDED BY SECURITY TITLE AGENCY, ORDER NO. 8504018809/MF,1&2, DATED 7/13/04.
6.) PROPERTY MAY BE SUBJECT TO EASEMENTS (RECORDED OR UNRECORDED) NOT KNOWN TO THE SURVEYOR AND NOT SHOWN HEREON.

SCALE: 1" = 100'
0' 50' 100' 200'

LEGEND

- ● – PROPERTY CORNER SET ⌀4 REBAR W/CAP STAMPED "RLS 28724" U.O.N.
- ○ – PROPERTY/SECTION CORNER FOUND AS NOTED
- ▼ – SIGN
- ⊖ – UTILITY POLE
- ——— – DOWNGUY



VICINITY MAP
NOT TO SCALE

LEGAL DESCRIPTION:
THE WEST HALF OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 13, TOWNSHIP 2 NORTH, RANGE 7 WEST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA.

SCHEDULE B NOTES:
ITEMS 1 AND 2 ARE NOT MAPPABLE AND ARE NOT SHOWN HEREON.
ITEM 3, A ROADWAY RIGHT OF WAY/EASEMENT, IS SHOWN HEREON.

ZONING:
SUBJECT PROPERTY IS CURRENTLY ZONED R-43.

FLOOD INFORMATION:
SUBJECT PROPERTY LIES IN ZONE "SHADED X", AREAS OF 500 YEAR FLOOD; AREAS OF 100 YEAR FLOOD WITH AVERAGE DEPTHS LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 100 YEAR FLOOD, ACCORDING TO CURRENT FLOOD INSURANCE RATE MAPS, MAP NO. 0401C1500 E, DATED 19 JULY 2001.

SURVEYOR'S CERTIFICATION:
TO: CLARKE KENT, LLC; MARY A. SMITH; AND SECURITY TITLE AGENCY, INC.

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS", JOINTLY ESTABLISHED AND ADOPTED BY ALTA, ACSM AND NSPS IN 1999, AND INCLUDES ITEMS 1, 2, 3, 4, 7A, 8, 9, 10, 11A, 14, 15 AND 16 OF TABLE A THEREOF. PURSUANT TO THE ACCURACY STANDARDS AS ADOPTED BY ALTA, NSPS AND ACSM AND IN EFFECT ON THE DATE OF THIS CERTIFICATION, THE UNDERSIGNED FURTHER CERTIFIES THAT PROPER FIELD PROCEDURES, INSTRUMENTATION AND ADEQUATE SURVEY PERSONNEL WERE EMPLOYED IN ORDER TO ACHIEVE RESULTS COMPARABLE TO THOSE OUTLINED IN THE "MINIMUM ANGLE, DISTANCE, AND CLOSURE REQUIREMENTS FOR SURVEY MEASUREMENTS WHICH CONTROL LAND BOUNDARIES FOR ALTA/ACSM LAND TITLE SURVEYS."

MATTHEW A. GRAHAM
ARIZONA R.L.S. 28724

A.L.T.A./A.C.S.M.
LAND TITLE SURVEY
FOR
CLARKE KENT, LLC
411TH AND CAMELBACK SITE

Date: 07/29/2004

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04-075-01 411TH AND CAMELBAC