



May 2003

Bear Wallow in May

—Emily Lane-North

The May meet will be held at Bear Wallow in the Santa Catalinas on May 18. The area is not very big, but it makes up for that in steepness! Courses will tend to be short but steep. There will be White, Yellow, Orange, and Green courses, but no Red course. There will also be a Green Memory-O, in case the Green course is not challenging enough.

A small corner of the NW of the map will be off limits, as it was burnt in the forest fires last year, but the rest of it is beautiful lush pine forest. The temperatures up there are about perfect right now. Some camping is available near the start of the courses.

Our Meet Director is Don Baker (818-1988). Please feel free to volunteer your help, either ahead of time or at the meet Sunday morning. All volunteers are appreciated.

Directions: Take Catalina Highway approximately 21 miles to Mt. Bigelow Road, about a mile past Palisades Ranger Station. Turn right on Mt. Bigelow Road and look for orienteering signs. Take the left-most road at the first junction (basically straight ahead). Park along the road near the second junction.

Fees: \$5/individual, \$8/team, for members of any recognized orienteering club. \$10/individual, \$15/team for nonmembers. Compasses rent for \$1. Safety whistles sell for \$1. *Every person, all courses, all meets, is required to carry some type of safety whistle.*

Schedule:

8:30 a.m. Registration opens.
8:45 a.m. Beginners' clinic starts.
9:00 a.m. Courses open.
11:00 a.m. Last time to start a course.
12 noon-1 p.m. Route choice reviews
1:00 p.m. Courses close. Begin control retrieval—good orienteering practice, lots of help

always needed. Volunteer before 12 noon with the meet director.

Check-In: To insure that all are safe, *everyone, whether finished with the course or not*, must check in formally at Start/Finish before leaving the meet site.

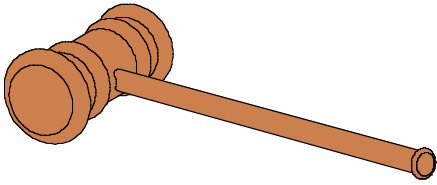
Newcomers: Go directly to Registration. Ask for instructions and introductory information. To attend the beginners' clinic, arrive between 8:30 and 8:45 a.m.

Route-Choice Reviews: Between noon and 1 p.m., the course setter or an advanced orienteer will discuss route choices with returning participants, probably near Start/Finish area.



**Remember to thank
the course setter
and meet director
for volunteering
their time for your
fun and pleasure.**

President's Message



Our Meet Directors usually acknowledge all the other volunteer helpers in their write-ups, but often get overlooked themselves. Yen and Matt Chamberlain really put on a show in March, very memorable.

Mike Huckaby and Cathy Waterman also did a fine job in April. I wish to personally thank each of you for your service.

In the future I would like to see each club member who is relatively new to our sport, and is excited about orienteering, to try meet directing one of our regular monthly events. This would allow our more experienced members to be available for the more structured meets such as our state champs and rogaines. Being a Meet Director is one of the key elements which allow our sport to exist. It is the first step up the orienteering ladder. It is not a difficult or time-consuming job by any means, and is easy once you have participated in several meets and know the ropes a little. And as a bonus, you get to carry a clipboard! What a deal.

Also, I would like to announce that I will be presenting a free orienteering clinic later this year, open to all meet directors and regular club job holders who would like to improve from beginner to intermediate, or from intermediate to advanced. So if you are interested in improving your orienteering skills, call Jim Stamm and get yourself on the meet directing schedule, or call me and volunteer for one of the several open jobs which need to be filled.

Happy O – Jeff

May Board Meeting

There will be a board meeting and potluck social on Wednesday, May 7, at Jeff Berringer's home, 5708 East Second Street (two blocks south of Speedway, third block east of Craycroft). The potluck will be at 6:30, with the meeting starting promptly at 7. Agenda: TBA. If you have any items you would like to have added to the agenda, please contact President Jeff Brucker.

All members are invited and welcome to attend and are eligible to vote.

E-mail Discussion Group

Tucson Orienteering Club has its own discussion group. It is maintained as Tucson "O" Club by Topica, and is an e-mail based service. You must be subscribed before you can read or send messages.

To subscribe, send a blank message to: TucsonOrienteering-subscribe@topica.com. To send a message, simply address it to: TucsonOrienteering@topica.com. It will then go to all the list subscribers. To unsubscribe, see the Unsubscribe link at the bottom of any message.

For more information about this list, visit: <http://www.topica.com/lists/TucsonOrienteering>. Any problems, questions, or concerns can be sent to Jim Stamm, the E-Group Moderator, at JimStamm@ComCast.net.

TSN and GPHXO Get Together on Mapping

–Ludwig Hill

On the first Saturday of March five members of the Greater Phoenix Orienteering Club (GPHXO) came down south to Tucson to get some training on how to develop orienteering maps.

The morning hours were spent at Ludwig Hill's house as Ludwig demonstrated how to scan and vectorize the contours from paper maps such as old orienteering maps and engineering drawings, so that they can be imported into OCAD. They then had an opportunity to see how USGS DRG (digital raster graphics) topo quads can be cleaned up, modified, vectorized, and imported into OCAD for making new base maps. The use of USGS DRGs and DOQQs (digital ortho-photo quarter quads) as template files for OCAD were also demonstrated. There was discussion about other ways of creating base maps, such as the use of aerial stereo-photos and photogrammetry. Finally, the tools and techniques for drawing orienteering maps in OCAD ver. 8 were demonstrated and discussed. All this was achieved using software and data that was downloaded free from the web.

After lunch, the whole GPHXO mapping team headed over to Max Suter's house where they were treated to a demonstration on how to create 5m contour lines from USGS DEMs (digital elevation models) and import the contours as a dxf file into OCAD. They were also shown how to do Datum conversions, so that all these digital files (DOQQs, DRGs and DEMs) have

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Brady Wash Results

—Mike Huckaby

April 20 was a sunny Easter Sunday at Brady Wash off the Pinal Parkway. The area was ripe with parallel features making for some interesting results. Lots of families came out to take advantage of the cool breezes, which even kept the temperature down for control retrieval.

We had forty entrants, with one group going back for seconds; and Surprise, Surprise, the Easter bunny left goodies at a couple of controls. My thanks go out to **Jim Stamm** who left water at a few controls and set fine courses for Orange, Green, and Red. He must have set the bar kind of high for Green runners, given the number of DNFs for those seeking the “seven subtle shallow saddles.” Thanks also to **Lois Kimminau and Mary English** for setting the White and Yellow courses.

Kudos again to **Mary English** for not only storing the equipment, but for having it conveniently prepackaged: just add Meet Director, combine fully with volunteers, place in a warm Arizona location for four hours, and voila—an orienteering success!

Thanks to all the volunteers, without whose help this meet director would never have gotten out of his car. **Gary Hinman and Ron Peloquin** were the first entrants to sign up and, consequently, were the first ones pressed into volunteer service on Registration and Timing, along with **Ludwig Hill, Jim Stamm, Cathy Waterman, John Hawkes, and Jim O'Donnell**. **Jason Bowman, Max Suter, Christina Luis, Jim Stamm, and Cathy Waterman** helped with control retrieval, and **Gregg and Pat Townsend and Warren Van Nest** collected controls by GPS. Course vetters were **David Barfield and Lois and PK Kimminau**.

My apologies for not arranging a Beginners' Clinic; it won't be overlooked again. Finally, the new standard is color maps for all, so don't be deterred from the next meet, and you can leave the magnifying glass at home.

White:

Rec Val Thompson
Rec Kim Lurie

Yellow:

1T Doesn't Matter 02:10:15
2T Bushwhackers 02:12:25
3T Pathway Deviants 02:26:00
Rec Ian Anderson
Rec Big G
Rec Tucson Mt. Trio
DNF Bunny Hoppers

Orange:

1T Team Tubac 00:54:54
1W Nancy Potenza 02:25:42
Rec Jim O'Donnell
Rec John Brennen
Rec GPW
Rec Rodrigo Silva
DNF Delphine
DNF Team Vespoli
DNF Mike Thompson
DNF Mike Franklin

Green:

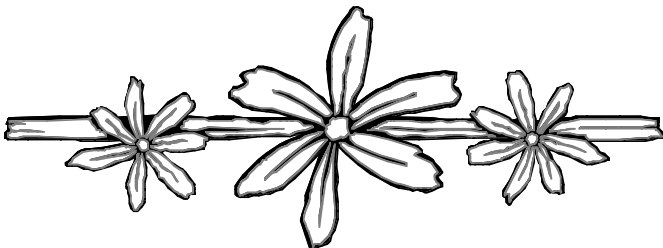
1M Wilkey Richardson 01:21:37
2M Brant Wilson 01:24:02
1W Pat Penn 01:43:20
1T Free Rangers 02:25:15
2T Casa 02:30:45
3M Jason Bowman 02:40:19
3T John Hawkes 03:00:44
Rec Lois Kimminau
Rec Team Tubac
DNF Xenoliths
DNF Gary Thomas
DNF Mike Huckaby

Red:

1M Ludwig Hill 01:27:04
2M Jeff Brucker 02:02:59
1T Dan & Joe 02:13:57
1W Emily North Lane 02:14:38
3M Michael Kuecker 02:25:12
DNF Glen Haselfeld
DNF Mark Parsons
DNF Joaquin Fox
DNF Max Suter
DNF Thomas Kunkel



Have you
volunteered
this year?
Once a year
for every
member
makes the
burden light
for all.



The Lair

—Leif Lundquist

The hills are steep and full of boulders and rocky outcrops. I am climbing up toward a little shelf as I look for an orienteering control—a red and white bag that has been a check point for last week's meet. It was a Rogaine where teams of runners, or more likely walkers, try to visit as many control points as possible over a period of twelve or twenty-four hours.

It was a tough event, and many of the controls are in places that you wouldn't normally think of going—at the tops of high mountains, on saddles protected by barriers of sinister catclaw bushes, or on rock shelves sticking out from steep boulder-covered mountain sides. A week after the Rogaine, Peg and I are on a mission to collect a few in some of the more challenging places.

It started innocently enough when I volunteered to do this; I was looking for a pleasant day in the foothills of the Rincon Mountains east of Tucson. Then the first message from the course setter arrived:

"While checking the water drops during event last weekend, I chatted with a guy who had been hired to track down the mountain lions in the area. Apparently there are a few around. A reason perhaps to go hiking with a friend. But then, if there weren't lions there would be bears..."

This sounds ominous to a visiting Swede, whose major concern is normally that it may rain and he will get wet. But, no need to worry, more messages start coming in. First another from the course setter.

"I do not know how serious it is. I believe I saw some tracks a few weeks ago out there. The guy I was talking to said there were five in the area of the course. But then, there were 150 people out on the course last weekend and there were no sightings at all."

Then comes a reply from one of the members who often spends long hours in the wilderness.

"Don't worry about the cats. They may know where you are, but you won't know where they are. If you get too close they will move further away, not closer (unless you're carrying raw hamburger in your daypack)."

Sounds reassuring; I bravely mention that I'd love to see a cat, but preferably at a distance. Suggestions start coming in:

"Why not carry the raw hamburger with you?"

"It's on sale at Safeway. Pound and a half ought to do it."

It seems to be up to me, whether or not I want to see a mountain lion. But I won't be alone; Peg calls and we decide that it is better to be two people rather than one. After all, they didn't send the competitors out alone. Besides, it is more fun having company.

When the day comes, I am a mess. An old knee injury has made itself known with a vengeance. So not having had much sleep, and with an aching and stiff knee, I set out limping, hanging on my hiking poles, behind Peg to our first control. I am slow, but Peg is patient and we get there. The next control is more of a challenge; we need to gain 360 meters (1,200 feet) in altitude to get to the top of a hill. It is a steep hill, full of catclaw, a particularly miserable form of Acacia shrub that rips your shirt and tears your skin. At the end we have to climb some big boulders. It takes us about an hour to reach the top. By Arizona standards, it is a cool day; not a cloud in the sky but the sun is strong and your resident body water evaporates from all your pores simultaneously. My backpack gets lighter and lighter as I sip the replacement water from my tank.

We move on and pick up the next bag not too far away across a saddle. From there we decide to contour (i.e. stay level) around the next hill to find a rocky outcrop. The rocky slope gets steeper and steeper as we traverse the hill, dodging boulders. I am thankful for my poles, they give me four legs and it's much easier to limp with four legs.

I get closer to the little shelf on the outcrop, and I see that I need to climb up a couple of boulders to reach it. It is too steep and inaccessible even for the meanest course setter, but I want to make absolutely sure there is no bag hanging there, so I climb up the rocks a bit farther. Moving up, I begin to smell something. It is not the sweet smell of

flowers, more of a pungent odor. It takes me a while to recognize it, but then it dawns on me. It smells like a cage at the zoo.

I hesitate and then look quickly over the edge. The little shelf above the rocks extends beyond my vision, and all I see is an oak tree growing between a couple of boulders. No control hanging there, but the smell of a big cat is in the air. My mission accomplished, I don't want to hang around any longer than necessary, and I quickly retreat from the outcrop.

I do a bit of triangulation with the help of a dam and another hilltop, and discover that I ought to be two outcrops over. In the meantime, Peg has climbed up a bit for a better view in order to relocate us on the map. She should be only a couple of hundred meters away from me, but I see nothing but a jumble of rocks. We locate each other by calling, and finally I see a small figure waving from the top of the ridge. I understand why a mountain lion moves like a phantom; it could be out in the open on this hillside, and still be almost impossible to spot.

We meet at the right outcrop to collect the control and sit down for a moment admiring the almost endless view. On the far horizon we see the Baboquivari Mountains 100 kilometers (60 miles) away.

Two more control points to visit. My knee has gotten better with the help of painkillers, but it is still a struggle up and down the steep hillsides. Two hours later we are back at the car. It has been a long and, for me, arduous day, but then again it is not every day you get to visit the lion's lair.



Held Together With Duct Tape – Little Rincons Rogaine

Initially I didn't believe the Little Rincons were big enough for a 24-hour Rogaine. It was after struggling to cover 65 km over Murray Foubister's Rogaine in 2002 that I realised that small courses are not always quick and easy courses. I finally knew the Little Rincons would be tough enough when I saw Ludwig and Jim come down after their first day vetting the course. In 8 hours they were covered with ash and dirt, clothes were nearly ripped from their bodies, shoes were hanging by threads and they had set a total of 6 controls. I was camping in Hidden Pasture to pump water for W2 at this time, so the vetters still had another 3 hours of hiking to get back to the car.

"Brutal" was a popular term the weekend of the Rogaine. I'm not sure what was hardest: the geology, the flora, or the topography. Granite covered nearly all the course, one exception being #92 on top of a limestone cliff. The map showed "very bouldery" areas; I decided at an early stage that "bouldery" areas would be pointless as there would be nothing left on the map.

The boulders made some fantastic places to play in on the course. I had to include some on the map but it didn't seem fair to make everyone squeeze, crawl, and swim through the dark to complete a Rogaine. I resolved this dilemma by making these controls worth zero points. These were the ferret controls, since it took a ferret in your team to get them. This is what can happen when a caver/canyonier sets your course. The ferret prize goes to the only team that got any ferret control (#01), team 76, "Low Riders," Wood and La Forme, well done.

There was more climbing in the Little Rincons than a years' worth of orienteering courses. For example, #100 was a glycogen sucker designed to ensure no one finished the course easily. Getting to 100 was easy, just find the correct point on the ridge above and drop straight down. Down 1000 feet of elevation. It was the 1000 feet to climb up again that made #100 fun. #100 was only visited four times. The setter, the vetter, one team during the event (Battison and Bain—Men's open winners), and the setter again to go back and pick up the control.

Then there was the cat claw. My wardrobe was halved after several trips to the course. There is a certain way to move around cat claw; fighting is futile. Rather, slide between the bushes and never expose any bare flesh.

Here are some memorable director's moments from the weekend: **1)** going out to check a water drop and meeting someone on our course tracking mountain lions in the area, **2)** watching the horses contemplate stomping someone's shiny rental car, and,.... **3)** upon being shooed from the car the horses proceeded to see what Jeff Brucker might have in his tent, **4)** waking up at 2 a.m. with the wind blowing the truck around and seeing the Hash House helpers wrestling the remains of the registration tent back onto the ground, **5)** spending an hour in the middle of the night tying the Hash House down so it didn't blow into the creek, **6)** the bite diagnosed by Jason as a scorpion sting (fortunately Jason, who had studied these things, just happened to be tending the Hash House at 5 a.m.), **7)** watching the Hash House packed and thrown into the back of the trucks in a few minutes just before the mass exodus in search of warmth and dryness.

The weather didn't quite cooperate. At first everyone was grateful for the coolness. Through the night the wind tried to destroy the Hash House; after failing the first time, it came back with rain at the end of the event, drenching everyone who was left. The 30 to 40 who stayed around for the awards had to huddle under the few shelters remaining. We had a great cake prepared by Stacy Plassmann that we were going to ask the overall winners, John Maier and Ron Hudson, to cut for everyone, but under the prevailing conditions few were inclined to hang around longer than absolutely necessary. It could easily have been worse: the day after the Rogaine there was sleet and freezing rain in the valley.

Here are some rule reminders, based on those of the Australia Rogaining Association: **1)** never go on the course alone (this is more note to the director not to allow anyone go out alone!), **2)** mispunched controls can be corrected but this must be done when returning your control card, **3)** teams are to stay together at all times, no taking turns climbing the hills to get the flags, **4)** protests must be made, in writing, within the 45 minutes of the close of the course. Sometime after the event I received reports of teams splitting while on the course. These teams would have been disqualified if I heard this while calculating the results.

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Newsletter Submittals

The deadline for newsletter items is shown in the monthly calendar. Please try to meet the deadline, or call the editor if there is a problem. All members are invited and encouraged to send informational or opinion articles on any orienteering topic.

Phone: 296-2108 Fax: 290-8071

E-mail: loiskim@aol.com

US mail: 9055 Calle Bogota

Tucson, Arizona 85715.

Lois Kimminau, Editor

A Training Tip

—by *Jim Stamm*

I was riding back from Payson one afternoon, and was using DeLorme's Arizona Atlas to follow landmarks as we proceeded down the road. I noticed that the terrain and map changes seemed to be happening at a similar pace to that in orienteering. A couple of quick mental calculations showed that indeed a 60 mph rate in the car on the 1:250,000 scale map was equivalent to about a 3 mph pace on a 1:10,000 or 1:15,000 scale orienteering map.

This may be a bit slow for advanced runners, but it is certainly in the range of others, and I believe that using the Atlas in this manner would be a good training technique. Following your progress on the map, and knowing precisely where you are at all times is important to successful orienteering.

(You'll also find that you trip over fewer prickly pears when you're navigating from your car.)



Continued from page 2, Mapping

the proper spatial relation to each other in OCAD. Max showed them his extensive orienteering map collection from around the world.

Overall, the interaction between both our clubs was a successful opportunity for us to share our expertise and experience in map-making with our sister club. Now we look forward in anticipation to happy orienteering on some new GPHXO maps! We also express our thanks to Claudette Hill and Kyoko Suter for their fine hospitality and catering.

Little Rincons Rogaine--Continued from page 5

I learnt that 24 hour Rogaines are a lot of work. A lot of help is required to pull them off so there is a long list of thank yous:

Registration: Rachel Gelbin, Drew and Amy Milson. **Hash House Queen:** Christine Wilke, helped by Craig, Barbara, Linda, Dick and multi-tasking Rachel **Course Setting:** Matt Chamberlain, helped by Mike Wilke. **Course Vetting:** Ludwig Hill, helped by Jim O'Donnell. **Meet Directing:** Matt and Yen Chamberlain. **T'shirts:** Wendy and Peg Davis. **Online Registration:** Peg Davis. **Score Tallying:** Ludwig Hill and Helen Deluga. **6 hour entrants and Timer/HH volunteers:** Chris North, Brent Nebecker, David and Kimberley McElroy, Joaquin Fox and Jason Worrel. **Equipment Loaners:** thanks Bill Florence whose shelter kept the Hash House alive, also to the many others who loaned tents, lights, burners and furniture, and thanks to those who helped setting the day before. **Equipment and Water Haulers,** all the AZ entrants who were able to help carry gear and water to the site, and to the Eco-Adventure for providing the recycling station. **First Aid tent:** Walter and Southern Arizona Rescue Assoc., we are grateful you were there and thankfully not needed (though it seemed close a couple of times). **Control Retrievers** (those brave souls who volunteered to go back out in to the course): Henry Schneider, Manny Telbin, Bill Florence, Rob Offerle, Peg Davis, Wilkey Richardson, Mike Huckaby, John Maier, David Barfield, Leif Lundquist. **Rancho La Joya Group,** including Gil Lusk, and Lavell and Ann Baugh, who kindly let us set the Hash House on their land and were always helpful. To see the preserve they are creating, see <http://www.rancholajoya.com/index.html>

Anyone who would like to do the Rogaine again without as many rocks and cat claw, check out the panorama on the web and see how many controls you can find, www.lpl.arizona.edu/~mc/rincon/pictures

Finally, thanks everyone for coming. Hope you had a memorable time

Cheers, Matt and Yen Chamberlain.

CLUB CALENDAR

Date	Location	Setter(s)	Meet Director(s)
May 7	Board meeting at Jeff Berringer's. See notice page 2.		
May 18	Bear Wallow	Emily Lane (322-9758)	Don Baker (818-1988)
No June newsletter. May results will appear in the July newsletter.			
June 15	Palisades	Mike Franklin (GPHXO)	Pete & Judy Cowgill (887-1514)
June 23	Newsletter deadline. All articles for July newsletter due by 6 p.m.		
July 20	Lincoln Park Early-O		Ralph Prince (323-9417)
Aug. 16-Sat.	Lake Mary-Day 1 AZ State Champs	Jeff Brucker (886-6304) Dave Kreider (928-638-0307)	Jeff Berringer
Aug. 17-Sun.	Lake Mary-Day 2 AZ State Champs	Jeff Brucker (886-6304) Dave Kreider (928-638-0307)	Jeff Berringer
Sep. 13	<i>Thumb Butte (Prescott NF)</i>	<i>GPHXO</i>	**
Sep. 21	Greasewood City Park Nat'l Orienteering Day	Ludwig Hill (299-9041)	
Oct. 16 & 18	<i>Fall Land Navigation Class</i>	<i>GPHXO</i>	**
Oct. 19	Catalina State Park	Josh Stamm (575-0830)	Mike & Val Thompson (743-9687)
Nov. 1	<i>Lake Pleasant (Jt. JROTC)</i>	<i>GPHXO</i>	**
Nov. 16	Highway 83	Chris North (322-9758)	
Dec. 13	<i>Bomboy Mine (Jt. JROTC)</i>	<i>GPHXO</i>	**
Dec. 21	Cat Mountain	Ludwig Hill (299-9041)	
Jan. 18, 2004			
Feb. 15	Chimney Rock	Leif Lundquist	

**For information on Greater Phoenix Orienteering Club events, check their website at <http://www.geocities.com/phxo>, or e-mail them at gphxoc@yahoo.com. Our members are encouraged to support our sister club.

TSN Club meets are held regularly on the third Sunday of the month, year-round.

Experienced course setters are usually happy (with advance notice of about a month) to work with apprentices who want to learn to set courses. If there is enough interest, separate training for course setting can be organized. Directing a meet consists essentially of setting up and supervising the Registration and Timing areas, with help from other volunteers. Teams of two are encouraged. Please call Jim Stamm at 318-3630 if you can help with any of these meets.

2002-2003 TUCSON ORIENTEERING CLUB OFFICERS AND BOARD

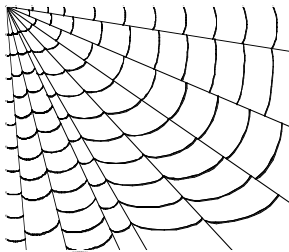
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P. O. Box 13012
Tucson, AZ 85732

Address Service Requested

Bear Wallow

May 18



Check out the Tucson Orienteering Club web site!
Type <http://www.tucsonorienteering.org>
Also, for links to all the West Coast club sites,
just type <http://go.to/sconet>
or for Pacific Region rankings, type
<http://go.to/pacreg>

Tucson Orienteering Club Membership Application

Check one: New Member

Renewal

Date on label

Check one: Individual (\$10)

Household (\$15)

Name:

Telephone:

Address:

City, State, Zip:

E-mail:

Can you help staff a club meet?

Yes, call me.

Members receive a monthly newsletter, have voting privileges and access to Club library,
and receive a \$5 discount per meet. Make checks payable to Tucson Orienteering Club
and send to P. O. Box 13012, Tucson, AZ 85732.