

## **Chad D. Fox**

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### **PROFESSIONAL EXPERIENCE**

#### **CDF and Associates, LLC** *Owner Operator*, 08/08-05/09

My goal have been to provide clients with the highest qualities and professional surveying services to meet all there needs by keeping up with the current technology such as GPS and robotic total stations and provides drawings in Autocad format. I have two main clients, a mining company and gas pipeline company. For the mine, I do underground check surveys, set sites, mapping, topographic surveys and surveying for permitting. As for the other client, I do pipeline surveys and mapping in state plane coordinates and section breakdowns for calculation ownership and footages. I also do various boundary surveys of the general public, title companies and realtors.

#### **Epp and Associates, Inc.** –*Party Chief*, 09/06 – 08/08, Craig, Colorado

I worked for nearly two years in Colorado for a man named Peter Epp. Peter and I met at a coal mine in Hartford, Arkansas where he and I set up the control in state plane coordinates for the mine and then ran an underground control traverse. While I worked for Peter I was involved in a wide variety of types of surveys. I did a fair number of improvement location certificates, the Colorado equivalent of a mortgage inspection. These ranged in size from 40 acres to small in town lot and blocks. The work that I did near to town was performed using a permanent rtk base station and robotic total stations, we were set up for a one man crew, much like I am set up today in Arkansas. I would use an rtk rover to tie points in the open and if there were points in tree canopy I would lay out control with the rtk and then use my robot to tie them in. I was in charge of gathering the data calculating the boundary and doing all of the drafting Peter would the check over my work and send out the plat. This was the procedure for all of my work. I also worked on boundary surveys from lot and block to hundreds of acre multiple section break downs with riparian boundaries where I performed all of the calculations. I performed topographic surveys of stockpiles for gravel companies like Lafarge and did volume calculations for tonnages. Peter had one engineering client the he worked for that specialized in water rights, big in Colorado. I performed topographic surveys for them for sections of ditch that was used for carrying water for irrigation, most of the time we would do about a mile at a time. I also performed marine surveys for the same client, which we integrated an rtk receiver with depth sounding equipment to topo the bottoms of lakes. I did construction staking and calculations for curb and gutter, sewer, water, storm in new subdivisions. I performed surveys for flood certificates and ran miles and miles of levels for gps control where I preformed static surveys and did the calibrations. I did underground control traverses for multiple coal mines with a tenth of a second total station turning multiple sets to the for site and then zeroing the gun on the for site and turning multiple sets closing to the horizon. I did not use a data collector for these clients because they want everything in only a field book. I was involved in alta surveys for gravel mines and numerous other surveys.

#### **Hoffman-Prieur & Associates** – *Survey Supervisor/ Party chief* 08/04 – 09/06, Van Buren, Arkansas

I went to work for Ivan Hoffman as a crew chief after working for Brixey engineering because I wanted to get my surveying license as quickly as possible and Ivan's firm worked on a wider variety of types of surveys. I work my way in to the Survey Supervisor position after about a year there. I took the job there because I could get better experience working for Ivan and could work more hours. Ivan ran 2 man crews with rtk and conventional total stations. The crews mainly did field work because the firm had a large drafting department, but I did some drafting and calculations on AutoCAD. While working there I was involved in a many oil and gas surveys for well locations and miles of pipeline. The survey would typically involve the staking and stationing of the line at 200 foot intervals and at all pi's and fence crossings then we would do the land ties and section breakdowns to determine ownership footages for landowner payment. I preformed many alta surveys for O'reily's Automotive, numerous boundaries and section breakdowns for five acre parcels to forty acre and larger parcels, and performed numerous cellular tower surveys where I would establish the lot corners for the tower site staking the road to the site for the easement and ether use the rtk to determine true north or take a solar observation to determine true north because the client required it on the plat of the site. I did some construction staking for new subdivisions, where I would have done all of the preliminary work and the boundary. I performed many final surveys which are boundary surveys that are done for mortgage companies because in Arkansas they do not have anything like a mortgage inspection.

**Brixey Engineering - Instrument Man, 1/04 – 08/04, Fort Smith, Arkansas**

I started my survey career with Brixey Engineering working for Ron Brixey. We use total stations and HP 48 data collectors. The crew that I was on did mainly small metes and bounds boundary surveys and gas wells. I started as a rodman but was running the gun after two weeks. I mainly assisted the party chief and did some minor calculations for well staking.

**Montreal Expos – Professional Athlete, 05/03 – 08/08, Melbourne, Florida**  
Played professional baseball Gulf Coast League.

**EDUCATION**

Southeastern Oklahoma State University - Durant, Oklahoma

Bachelor of Science Degree in Theoretical Physics, December 2003

Activities/Honors:

- Athletic Scholarship - Baseball, Southeastern Oklahoma State University, 08/01– 05/03
- Athletic Scholarship - Baseball, Carl Albert State College, 08/99 – 05/01
  - 1<sup>st</sup> Team All-American 2003
  - Regional Player of the Year 2003
  - 1<sup>st</sup> Team All-American 2001
  - 1<sup>st</sup> Team All-American 2000
  - Member World Series Team 2000

**LICENSURE**

Arkansas Board of Registration for Professional Engineers and Land Surveyors; Registered Professional Land Surveyor No. 1597

**PROFESSIONAL MEMBERSHIP**

Arkansas Society of Professional Surveyors

**COMMUNITY INVOLVEMENT**

I Attend Immanuel Baptist Church, Oklahoma and have been a Christian since I was 12.