

**ORAL HISTORY COLLECTION**

**MAIN ENTRY:** Marcy, William

**DATE OF INTERVIEW:** July 14, 2005

**LOCATION OF INTERVIEW:** Lubbock, Texas

**INTERVIEWER:** David Marshall

**FORMAT:** CD

**IDENTIFICATION NUMBER:** 3272 2112 5333

**LENGTH OF INTERVIEW:** 3:09

**SCOPE AND CONTENT NOTE:** William Marcy's personal experience growing up in the countryside and the benefit he attained from early life experiences. He talks about his duties and work experiences overseas in the CIA. Lastly he discusses his experience as a businessman as well as an administrator at Texas Tech University.

**ABSTRACT:**

**CD ONE**

**TIME STAMP**

Background information	0:00
William Michael Marcy	
Born March 28, 1942	
Born at West Texas Hospital in Lubbock	
Parents were farmers	
Went to school in Lubbock	
Father's name and mother's name	
Parents got married in 1941	
Water on the farm	
Function of the windmill	
Maternal grandfather's information	
First impression of the Plains when grandparents arrived	0:07
Moved from East Texas	
Tools of Transportation	
Location to purchase lumber	
Parents' information	0:08

<ul style="list-style-type: none"> <li>Father's choice of occupation</li> <li>Started working as a truck driver</li> <li>Learned to drive 18 wheelers from father</li> <li>Mother's occupation in the supermarket</li> <li>Invited other school friends to a truck ride</li> </ul>	0:13
<ul style="list-style-type: none"> <li>Working experience as a child</li> <li>Helped grandfather on the farm</li> <li>Learned how to read blueprints</li> <li>Rebuilt an engine</li> <li>Advantages of former experience with machines</li> <li>Work-ethic gained from farm experience</li> </ul>	
<ul style="list-style-type: none"> <li>Memories of Ropesville, Texas</li> <li>Light bulb</li> <li>Sunset</li> <li>Batteries for the light</li> <li>Battery-powered radio</li> <li>Barns and farm houses</li> </ul>	0:19
<ul style="list-style-type: none"> <li>His home</li> <li>Structure of house</li> <li>Water system and heating system</li> <li>Construction of the house</li> <li>Butane heater</li> </ul>	0:27
<ul style="list-style-type: none"> <li>Houses in town compared to houses in the country</li> <li>Extra facilities of a house in town</li> <li>Different living standards</li> <li>Varying structures of the houses</li> <li>Indoor plumbing</li> </ul>	0:33
<ul style="list-style-type: none"> <li>Lubbock</li> <li>First house in Lubbock</li> <li>Nice neighborhood</li> <li>Reason why Lubbock didn't expand to canyon area</li> <li>Industrialization of the canyon area</li> <li>Railroad went through Slaton</li> <li>Material transported by the railroad</li> <li>All-brick houses</li> </ul>	0:37
<ul style="list-style-type: none"> <li>George R. Bean Elementary School</li> <li>The previous campus</li> <li>Talked to the students as an alumni</li> <li>Decoration of the building</li> <li>Types of lunch</li> <li>Rural school lunches were abundant</li> </ul>	0:46

<ul style="list-style-type: none"> <li>Science teacher</li> <li>Books read in the library</li> <li>Bug collection</li> <li>Solar system</li> <li>Building models</li> </ul>	
<ul style="list-style-type: none"> <li>Different mentalities of figuring things out <ul style="list-style-type: none"> <li>Impacts of the childhood experiences on career</li> <li>Different mindsets of different generation</li> <li>Idea of fixing things on your own is long gone</li> <li>Our throw-away society</li> <li>Design mentality's difference</li> <li>Intuition of design</li> </ul> </li> </ul>	0:57
<ul style="list-style-type: none"> <li>Elementary school and Junior High <ul style="list-style-type: none"> <li>Did not remember many people from elementary school</li> <li>Faculty developed interests of the student</li> <li>Junior High teacher</li> <li>Laboratory of the junior high school</li> <li>Cleaned the laboratory and got to use microscope</li> <li>Maturing experience</li> <li>Other interests developed in junior high school</li> </ul> </li> </ul>	01:08
<ul style="list-style-type: none"> <li>High school and college <ul style="list-style-type: none"> <li>Went to Monterey high school</li> <li>Chemistry teacher</li> <li>Made living through photography</li> <li>The start of the photography business</li> <li>Build up of business by reputation</li> <li>Sold photography business due to overload of work</li> <li>Photography company's information</li> <li>Process of building up the photography business</li> <li>Impact of experience in photography in later stage of life</li> <li>Ranching landscape photography</li> <li>Natural beauty</li> </ul> </li> </ul>	01:15
<ul style="list-style-type: none"> <li>Options at college <ul style="list-style-type: none"> <li>Had to live at home and make living through photography</li> <li>Reasons to stay in Texas Tech</li> <li>Intended to join the army</li> <li>ROTC and engineering background</li> <li>Work experience connected to hands-on skills</li> <li>Benefited from special skills gained from childhood</li> </ul> </li> </ul>	01:29
<ul style="list-style-type: none"> <li>Overseas experience <ul style="list-style-type: none"> <li>Places stationed</li> </ul> </li> </ul>	01:34

Broad experiences dispelled old biases	
Cold war	
Went to places all over the world	
Unsettling because of the work shift	
Jumps between different positions	
Got married in 1968	
Duties at CIA	01:40
Counter-intelligence work	
Security communications	
Could not talk about specific details	
U.S. consulate in Saint Petersburg	
Russia's concern	
Games played in Moscow	
Trips for training mission	01:48
Trained others to use equipment	
Taught indigenous people communication systems	
Ways to instruct people with no education background	
Analyzed Soviet technology	
Found Texas Instruments logos on Soviet equipment	
Soviet technology of their own	
Soviet compressor equipment for oil pipeline	
Special operations	01:58
Marine Corps instructor	
Guns and explosions	
Collected unused ammunition	
Exploded 300 pounds of TNT	
Went back to Texas Tech to get PhD	02:02
Had difficulty coming back to school	
Topics of thesis	
Got PhD in 1972	
Became deputy director of training center in CIA	
Served as associate professor at Texas Tech	
Reason for choosing Electric Engineering	
Career was not strictly planned	
Assignment of taking pictures while traveling	
A research project	02:12
1975 energy crisis	
Developed a new type of solar cell	
Technical success but economic failure	
Short-sightedness in engineering	
Business mentality and technical mentality	

Expectations of the gas price Solar thermal facility	
Interests as an associate professor Auto-robotics research Gratification of teaching Teaching for different levels of students	02:22
Switched to industry Got paid twice as much as working as professor Marine Corps age dispute Went to Dallas to start a company in 1981 Financial Software Company Transition from academic world to business world	02:27
Predicted the crash of oil business Cost price analysis Oil equipment price drop Decision making in ARMCO Different model for predicting oil price	02:35
Computer science department at Texas Tech Reason for Texas Tech to start the department Became the director of computer science Worked on the position for 5 years Became the Dean of Engineering Familiarity with College of Engineering	02:41
Skills of being a Dean People skills Money and budget Ability to deal with outside world other than academia	02:46
Management style The way to pick a departmental chair Another example of starting a research center Kept even-temper when managing personnel Skills to correct people's mistakes Autonomy in management	02:47
Challenges as a Dean Personnel decision making Only a few caused most problems	02:55
Greatest challenges as Provost Money and budget problem	02:57

Building up diversity of the faculty members

Different administrations of Texas Tech	02:58
Recognized Grover Murray as the greatest administrator	
Contribution of Bob Lawless to financial aspect of Texas Tech	
Bob Lawless' duty in Southwest Airline	
People skills of Donald Haragan	
David Schmidly's spending	
Jon Whitmore's fund balancing ability	
Strength of Grover Murray	03:04
Excellence in research	
Insight on legacy of Grover Murray	
Downturn in the history of Texas Tech	
Transformation due to only one person	
Things Texas Tech is learning	03:07
Open attitude	
Trust building	

**DATE OF BIRTH OF INFORMANT:** 1942

**GENDER OF INFORMANT:** Male

**ETHNICITY OF INFORMANT:**