

ORAL HISTORY COLLECTION

MAIN ENTRY: Green, Bobby

DATE OF INTERVIEW: February 12, 2010

LOCATION OF INTERVIEW: Lubbock, Texas

INTERVIEWER: B. Lynn Whitfield

FORMAT: Digital Recording

IDENTIFICATION NUMBER:

LENGTH OF INTERVIEW: 00:56 hours

SCOPE AND CONTENT NOTE: Bobby Green talks about his career with the Electrical Engineering Department at Texas Tech, and his involvement in the Crosbyton Solar Power Project. Much of the interview discusses the design and construction in the project, and the Electrical Engineering program under Russell Seacat.

ABSTRACT:

DVD	TIME STAMP
Background	00:01
Born Crosbyton, TX	
High School '68 (Lorenzo, TX)	
Family History	
Trade school, Oklahoma City (Electronics Technician School)	
Interest in mechanical engineering	
Farming in Crosby County (before attending TTU)	
Texas Tech – Electrical Engineering '70s (Undergraduate/Masters)	9:30
Professors (Seacat)	
Project Labs	
Solar Power Interests	
Dr. Reichert	
Crosbyton Solar Power Project (Picture)	11:30
Design and Construction	
Steam generator next to bowl	

Steam turbine water usage	19:25
Steam turbine system	
How to clean the dishes/mirrors	
Mirror/reflector Design	
Barstow Project v. Crosbyton Project	
Dr. Green Highlights/Memories	
Solar Power Conference Presentation (photograph reference to event)	28:50
Getting system operational	
Automated System	34:20
“Good Morning America” appearance	
Problems with getting parts (glass)	40:00
Project Closing	42:20
Dr. Reichert resignation	
Left project for consulting firm/later came back	
Departmental Turmoil	
Reflective Bowl – dismantled and parts buried or sold	
Kept steam whistle from 1 st solar power steam (gave to John Reichert)	
Solar Project Power Problems	
Project Influence to become Professor	
Electrical Engineering Professor since 1986	
Picture/Description of Logo	50:00
Photograph Comment After Interview	52:30

DATE OF BIRTH OF INFORMANT: 1950

GENDER OF INFORMANT: Male

ETHNICITY OF INFORMANT: