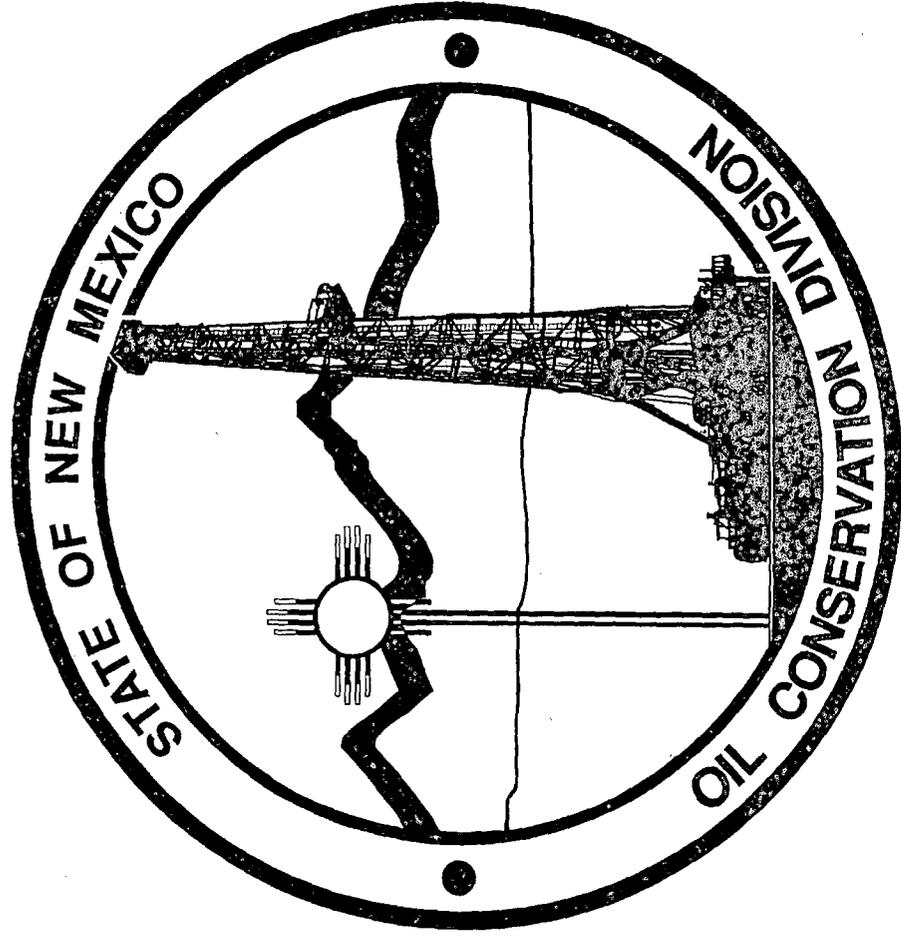


CASE NO. 14015
OCD EXHIBIT 28



BIOGRAPHY

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Oil Conservation Division

Carl Chavez is currently working for the New Mexico Energy, Minerals and Natural Resources Department, Environmental Bureau as an Environmental Engineer. He is responsible for the following: oil and gas refineries; oversight of OCD's NPDES and Storm water Primacy initiative; writing discharge plan permits; serving as the Quality Assurance/Quality Control Officer (QA/QC) for the Underground Injection Control Program in New Mexico; providing technical assistance and/or testifying as an OCD expert at environmental regulatory hearings, and various other oil and gas related duties and responsibilities as assigned.

Waste Isolation Pilot Plant (WIPP)

He spent one and one-half years working for the New Mexico Environmental Department (NMED), Hazardous Waste Bureau (HWB), Waste Isolation Pilot Plant (WIPP) GROUP in Santa Fe, New Mexico. He served as an Environmental Scientist/Specialist evaluating hydrogeologic and/or ground water detection monitoring reports for compliance with the WIPP Permit and RCRA hazardous waste regulations. He assisted with the statistical generation of background groundwater concentrations from monitoring at WIPP. He performed a detailed hydrogeologic analysis of the Culebra Member (dolomite) of the Rustler Formation. He conducted: comprehensive groundwater monitoring evaluations of field environmental sampling procedures and methods; five-year regulatory review of the WIPP Permit; RCRA inspections of waste facilities across the United States; assessments, investigations and cleanup actions; evaluations of air ventilation monitoring reports, head space gas sampling of waste drums and other technical permit related projects. He participated in waste characterization audits with the USEPA and Carlsbad Technical Assistance Group at hazardous waste generator facilities throughout the U.S. to confirm compliance with hazardous waste provisions of the WIPP Permit, i.e., Waste Analysis Plan, Waste Acceptance Criteria, etc.

Remediation and Redevelopment of Environmentally Contaminated Sites

He spent from 1989 to 2004 working for the Michigan Department of Natural Resources-DNR (which later became the Department of Environmental Quality-DEQ) in Lansing, Michigan. Carl initially served as a Project Geologist, conducting environmental site inspections, contaminant hydrogeology investigations and cleanups at oil and gas production facilities. He provided contaminant hydrogeology technical support or expertise to Compliance and Enforcement and Attorney General staff to drive non-voluntary and voluntary cleanups.

He next served as a Project Manager on CERCLA or NPL and NREPA sites. He negotiated cleanups with environmental professionals, attorneys and responsible parties to develop acceptable closure at sites such as manufacturing, landfill, and dump facilities.

He later worked as a customer service representative for questions related to the environmental remediation and other DEQ environmental programs. He provided customer service support to the general public, environmental professionals, attorneys, manufacturers, legislators, etc. He also worked with multiple federal, state, and local governments as well as industry to develop agency-wide guidance documents for air, land, water and waste. He developed brochures, website resource information, fact sheets, and environmental directories for the Internet. He developed and delivered presentations about careers and environmental science and other DEQ related initiatives at schools, festivals and conferences throughout Michigan. He served on pollution prevention, Earth Day, and training committees.

Carl was born and raised in Truth or Consequences, New Mexico. He graduated from New Mexico State University with a bachelor's degree in Geological Sciences and a minor in Economics in 1986. He has attended the California State Polytechnic University in Pomona, California, Mechanical Engineering-Petroleum Option Program. He has taken numerous environmental contaminant hydrogeology and geology courses from Western Michigan University (i.e., contaminant hydrogeology field camps, courses, etc.), Michigan State University (geophysics), Michigan and New Mexico state sponsored training on various environmental subjects in association with his career with the Michigan DNR/DEQ and NMED/NMEMNRD.

Pit Liners:

Carl worked for 1 year for Pacific Soils Engineering as a geotechnical field engineer overseeing the as-built construction of roads, curb and gutter, and hillside home development projects for compliance with California geotechnical regulations. He worked for 6 years as a geologist at the MDNR- Geological Survey Division overseeing the investigation (also conducting investigations) and cleanup of oilfield contamination at exploration and production facilities across Michigan. He conducted numerous site inspections, which included brine pits

(lined & unlined) and pit closures via pit solidification in the oil & gas fields to assess public health risks, initiate and oversee site environmental investigations and cleanups where necessary. He worked for 5 years as a Superfund Project Manager at the MDEQ- Remediation and Redevelopment Division (RRD), Superfund Section under CERCLA regulations overseeing all environmental aspects of the investigation and cleanup of Superfund Sites like the Ionia County and Butterworth Landfills in Ionia and Grand Rapids, MI respectively. He conducted numerous site inspections with Superfund Investigators of abandoned dumps in the greater Detroit area to assess public health risks and score sites for Superfund. He conducted Brownfield Redevelopment Assessments at abandoned dumps to determine restoration for reuse and redevelopment. He worked for 4 years as the MDEQ RRD Point of Contact for all environmental questions and presentations related to Michigan's environmental investigation and cleanup programs and developed multi-program technical guidance and public outreach documents to support MDEQ environmental programs. While in Michigan, in addition to agency environmental training, he attended Western Michigan University taking courses in contaminant hydrogeology and environmental geology. He worked for about 1.5 years at the NMED- Hazardous Waste Bureau, WIPP Group, under RCRA regulations as an Environmental Scientist/Specialist overseeing all aspects of its Groundwater Monitoring Program. He is a Certified Hazardous Materials Manager.