

PROJECT FACT SHEET

CONTRACT TITLE: Development of a Method for Treatment and Underground Disposal of NORM

ID NUMBER: DE-FC21-95MT30081

CONTRACTOR: BPF, Inc.

B & R CODE: AB0555000

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DOE PROGRAM MANAGER:

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DOE PROJECT MANAGER:

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PROJECT SITE

CITY: Carrollton **STATE:** TX
CITY: Orla **STATE:** TX
CITY: Hobbs **STATE:** NM

CONTRACT PERFORMANCE PERIOD:

09/26/1995 to 03/26/1998

PROGRAM: Environmental-Gas

RESEARCH AREA: Environmental

FUNDING (1000'S)	DOE	CONTRACTOR	TOTAL
PRIOR FISCAL YRS	1,738	0	1,738
FISCAL YR 1996	975	0	975
FUTURE FUNDS	1,548	0	1,548
TOTAL EST'D FUNDS	4,261	0	4,261

OBJECTIVE: Develop and demonstrate a method for treatment and underground disposal of naturally occurring radioactive materials (NORM) resulting from natural gas production.

METRICS/PERFORMANCE:

Products developed: 1) Pre-treatment module for thermal conversion of NORM solids; 2) Treatment module for chemical dissolution of NORM solids; 3) Assay/sorting module for 100% radio assay of processed solids as well as volume reduction prior to treatment.

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PROJECT DESCRIPTION:

Background:

Work to be performed: The objective of this work is to develop and demonstrate a method for treatment and underground disposal of naturally occurring radioactive materials (NORM) resulting from natural gas production. The Statement of Cooperative Agreement Objectives is divided into two phases. In Phase 1, the participant shall develop a method for treatment and underground disposal of NORM waste at bench-scale, and secure permits and licenses for pilot-scale testing. In Phase 2, the participant shall demonstrate the NORM waste treatment and disposal method in a pilot-scale facility. The processing capacity of the pilot-scale facility shall be at least 100 (10-25 barrels of NORM which has been deliquified) barrels of NORM waste per day. The time duration of the pilot-scale testing shall be at least 1 year.

PROJECT STATUS:

Current Work: Bench-scale testing is currently underway at three project sites in west Texas and New Mexico.

Scheduled Milestones:

- Bench-scale field testing 08/96
- NEPA submission for pilot scale 09/96
- Pilot scale field testing 05/97
- Complete EA for pilot scale 04/97

Accomplishments:

Activity	Start Date	End Date	Status
Bench-scale field testing	08/96		In Progress
NEPA submission for pilot scale	09/96		Completed
Pilot scale field testing	05/97		Planned
Complete EA for pilot scale	04/97		Planned