

DATA FILE REPORT
ERDA-6 AND WIPP-12 TESTING

INTRODUCTION AND REPORT FORMAT EXPLANATION

The data report describing WIPP-12 and ERDA-6 testing presented herein consists of four volumes. The following describes the organization of the material in each part of this report.

Volume I - Text is subdivided into two parts. The first contains a synthesis of investigations and findings for the ERDA-6 well, the second a similar write-up for the WIPP-12 well. Each part contains discussions on purpose of investigation, methodology of data acquisition, and description of the 10 activities for ERDA-6 and 18 activities for WIPP-12, respectively. Also included is a summary of findings.

Volume II - Appendices contain supplementary information pertaining to methodologies of data acquisition, equipment and instrumentation, analytical procedures, and quality assurance. Appendices consist of the following parts:

Volume II

- Appendix A: Sampling Methodology
- Appendix B: Analytical Procedures
- Appendix C: Field Sample Analyses Worksheets
- Appendix D: Laboratory Sample Analyses Worksheets
- Appendix E: Hydrologic Equipment Specifications and Calibration
- Appendix F: Geologic Equipment Specifications
- Appendix G: Quality Assurance

Volumes IIIA and B - ERDA-6, Activity Data Files contain data collected during each of the 10 activities which constituted the ERDA-6 investigations. The following activities are addressed in each volume:

Volume IIIA

- Activity ERDA-6.1 Well Depressurization and Setup
- Activity ERDA-6.2 Geophysical Logging (to 2562 Feet)
- Activity ERDA-6.3 Drill Stem Test 2472 (2472 Feet to 2562 Feet)
- Activity ERDA-6.4 Coring/Drilling (2562 Feet to 2748 Feet)
- Activity ERDA-6.5 Geophysical Logging (to 2748 Feet)
- Activity ERDA-6.6 Drill Stem Test 2680 (2676 Feet to 2748 Feet)
- Activity ERDA-6.7 Flow Test 1 (2676 Feet to 2748 Feet)
- Activity ERDA-6.8 Flow Test 2 (Open Hole: TD 2748 Feet)

Volume IIIB

- Activity ERDA-6.9 Flow Test 3 (Open Hole: TD 2748 Feet)
- Activity ERDA-6.10 AEC-7 Pressure Monitoring

Each activity file contains a detailed chronological summary of efforts and is further divided into three sections as follows:

H. Hydrology contains a tabular summary of hydrologic testing, information on well configuration and instrumentation arrangements, linear plots of pressures or flow rates vs. time, and pertinent data listings.

C. Chemistry contains a summary of chemical sampling presented in tabular form and laboratory data on chemical composition of liquids and gases collected during hydrological testing.

G. Geology contains a summary of coring or drilling for given depth intervals, descriptive lithological logs, and geophysical logs if appropriate.

Volumes IVA and B - WIPP-12, Activity Data Files contain data collected during each of 18 activities undertaken at WIPP-12. The following activities are addressed in Volume IV.

Volume IVA

- Activity WIPP-12.1 Well Setup
- Activity WIPP-12.2 Coring (2776 Feet to 3016 Feet)
- Activity WIPP-12.3 Pressure Buildup (Open Hole:
TD 3015 Feet)
- Activity WIPP-12.4 Coring (3015 Feet to 3047 Feet)
- Activity WIPP-12.5 Geophysical Logging (TD 3047
Feet)
- Activity WIPP-12.6 Pressure Buildup (Open hole:
TD 3047 Feet)
- Activity WIPP-12.7 Flow Test 1 (Open hole: TD
3047 Feet)
- Activity WIPP-12.8 Drill Stem Test 3020 (3020 Feet
to 3047 Feet)
- Activity WIPP-12.9 Drill Stem Test 2986 (2986 Feet
to 3047 Feet)
- Activity WIPP-12.10 Pressure Buildup (2986 Feet to
3047 Feet)
- Activity WIPP-12.11 Coring (3047 Feet to 3107 Feet)
- Activity WIPP-12.12 Pressure Buildup (Open Hole:
TD 3107 Feet)

Volume IVB

- Activity WIPP-12.13 Coring (3107 Feet to 3585 Feet)
- Activity WIPP-12.14 Pressure Buildup (Open Hole:
TD 3585 Feet)
- Activity WIPP-12.15 Coring (3585 Feet to 3925 Feet)
- Activity WIPP-12.16 Geophysical Logging (TD 3925
Feet)
- Activity WIPP-12.17 Production Injection Packer
Installation
- Activity WIPP-12.18 Pressure Buildup (Open Hole:
TD 3925 Feet)

Each activity file above is divided in the manner described for
Volume III.

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