

NYE County NWRPO -Technical Data Report

RID No.	Transmitter	Org.	Receiver	Org.	Key word1	Title/Description
5474	Gilmore	Nye	QARC	Nye	ONC#1	UE-25 ONC#1 Pressure and Temperature Data, April 1995 - November 1999
Doc. Date	2/4/2003	General Doc. Type	QA Program Doc	Keyword2	WB	
Entry Date	2/5/2003	Detailed Doc. Type	Data	Keyword3	Data	

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Data Originator Preparer
 Kathy Gilmore

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Title of Data
 UE-25 ONC#1 Pressure and Temperature Data, April 1995 - November 1999

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Description of Data
 One CD containing UE-25 ONC#1 pressure and temperature data with a single Excel file for each year. Original data were contained in numerous smaller files with separate RID numbers. Multiple original files for each year were combined into a single file to better meet the requirements of LSN. The original data was removed from the nyecounty.com website and can be found in RID 5246.

Data Collection Method
 Original data were collected from Westbay Mosdax packer and instrument monitoring systems installed in borehole UE-25 ONC#1. The installation of these packer and instrument monitoring systems is described in RIDs 163, 164, and 242.

Procedures for instrument calibration, data collection, and data processing from April 1995 through August 1995 are recorded in a document titled "Calibration and Data Analysis for Boreholes Instrumented with Westbay Package, Draft Version 1.0" found in RID 381. The title of this document was subsequently changed in RID 419 to "Instrument Calibration and Collection and Processing of Data From Boreholes, Revised Version 1.0".

Procedures followed for calibration, data collection, and data processing from September 1995 through November 1999 are documented in TP-9.2 titled "Instrument Calibration and Collection and Processing of Data From Boreholes, Revised Version 2.0" in RID 489.

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Data Location(s)
 UE-25 ONC#1

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Data Collection Period(s)
 4/95 to 11/99

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Data Source(s)
 See Excel file "ONC1NRG4ESFRIDs.xls" for a list of RID numbers for the original data.

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Data Censoring

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Data Processing
 Multiple original files for each year were combined into a single file to better meet the requirements of LSN.

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Data Limitations
 The method used to isolate Westbay Mosdax pressure/temperature probes in this borehole as described in RIDs 163, 164, and 242 may affect the representativeness of pressure data obtained from these probes.

Each Westbay Mosdax pressure/temperature probe installed above the water table is in pneumatic communication with a relatively long (approximately 30- to 200-foot long) depth interval of formation rock. More specifically, probes are in communication with the air-filled annular space between the Westbay casing and the formation. Relatively short 1-meter long packers divide the air filled annular space into approximately 30 to 200 foot long intervals. In most cases, pressure/temperature probes are located in adjacent intervals of air-filled annular space separated by a single 1-meter long packer. However, in several cases probes are separated by two or three intervals of annular space separated by two or three packers.

Because each pressure/temperature probe is in direct pneumatic communication with a rather lengthy interval of air-filled annular space and associated formation rock, the pressure data obtained from these probes may not be representative of pressures in the formation adjacent to the probes or at formation locations further away from the borehole in the lateral direction.

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Governing QA Docs.	Data Analysis for Boreholes Instrumented with Westbay Package, Draft Version 1.0; and TP-9.2, Instrument Calibration and Collection and Processing of Data From Boreholes Revised Version 2.0					
Frequency of Transmittal	As required by PI					
Direct Questions About Data To-	Nye County QA Records Center					
