

REPORT TO: Water Pollution Control Bureau  
Environmental Improvement Division  
Health & Environment Department  
P.O. Box 966 - Crown Building  
Santa Fe, NM 87504-0968  
ATTENTION: RAYMONDI

LAB NUMBER WC 5576  
DATE RECEIVED 11/26/84  
DATE REPORTED 12/22/85 Initial:  
SLD USER CODE NUMBER 59300 <sup>59600</sup> 51.32

Sample Location UNC CHURCH ROCK

Location/Well Code Well NO1 CIRCULATION WATER

Collected 841119 By RAYMONDI  
Date Time Name Unit

Sampling Conditions BAIL/PUMP (DIP)

Water Level \_\_\_\_\_ pH (00400) \_\_\_\_\_  
Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umh  
Sample Type Grp Water Temp (00010) \_\_\_\_\_ °C  
Conductivity at 25°C (00094) \_\_\_\_\_ umh

GROUND WATER / HAZARDOUS WASTE  
GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES hd 3.29

From NF, NA sample: Date Analyzed  
Conductivity \_\_\_\_\_ umho  
(25°C)(00095)  
Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l  
From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:  
Nitrate-N+ \_\_\_\_\_ mg/l  
Nitrite-N total (00630) \_\_\_\_\_  
Ammonia-N total (00610) \_\_\_\_\_ mg/l  
Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
TKN \_\_\_\_\_ mg/l

From F, NA sample: Date Analyze  
 Calcium (00915) 21.0 mg/l 1/15  
 Potassium (00935) 1.17 mg/l 12/17  
 Magnesium (00925) 26.1 mg/l 1/15  
 Sodium (00930) 129 mg/l 12/17  
 Bicarbonate(00440) 253.7 mg/l 1/14  
 Chloride (00940) 12.1 mg/l 1/17  
 Sulfate (00945) 140.0 mg/l 12/18  
 Total filterable residue (dissolved)(70300) 468 mg/l 1/2/85



From F, A-H<sub>2</sub>SO<sub>4</sub> sample: 927511  
 Nitrate-N+ \_\_\_\_\_ mg/l  
Nitrite-N dissolved (00631) \_\_\_\_\_  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007048

RT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER 606 5583  
 DATE RECEIVED 11/26/84  
 DATE REPORTED CG 2/4/85 Initial

SLD USER CODE NUMBER 59600 59300 51.32

Sample Location UNC CHURCH ROCK Kerr McGee  
 Station/Well Code Training Center well  
 Collected 841113 1300 By RAYMONDI  
 Date Time Name Unit  
 Sampling Conditions BAIL / PUMP / DIP  
 Water Level RECEIVED pH (00400) \_\_\_\_\_  
 Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_  $\mu\text{m}$   
 Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_  $^{\circ}\text{C}$   
 GROUND WATER/HAZARDOUS WASTE BUREAU Conductivity at 25 $^{\circ}\text{C}$  (00094) \_\_\_\_\_  $\mu\text{m}$

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES Ca 4.7

From NF, NA sample: Date Analyzed  
 Conductivity \_\_\_\_\_  $\mu\text{mho}$   
 (25 $^{\circ}\text{C}$ )(00095)  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_  $\text{mg/l}$   
 From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:  
 Nitrate-N+ Nitrite-N total (00530) \_\_\_\_\_  $\text{mg/l}$   
 Ammonia-N total (00610) \_\_\_\_\_  $\text{mg/l}$   
 Chemical oxygen demand (00340) \_\_\_\_\_  $\text{mg/l}$   
 TKN \_\_\_\_\_  $\text{mg/l}$

From F, NA sample: Date Analyzed  
 Calcium (00915) 434  $\text{mg/l}$  1/30  
 Potassium (00935) 11.7  $\text{mg/l}$  12/15  
 Magnesium (00925) 359  $\text{mg/l}$  2/1  
 Sodium (00930) 743  $\text{mg/l}$  12/17  
 Bicarbonate(00440) 39.3  $\text{mg/l}$  1/14  
 Chloride (00940) 53.5  $\text{mg/l}$  1/17  
 Sulfate (00945) 3010  $\text{mg/l}$  1/4  
 Total filterable residue (dissolved)(70300) 4680  $\text{mg/l}$  1/2

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:  
 Nitrate-N+ Nitrite-N dissolved (00631) \_\_\_\_\_  $\text{mg/l}$   
 Ammonia-N dissolved(00608) \_\_\_\_\_  $\text{mg/l}$   
 Total Kjeldahl N \_\_\_\_\_  $\text{mg/l}$

007049

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

RT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WE 5550  
 DATE RECEIVED 11/26/84  
 DATE REPORTED CS 11/22/85  
 Initial

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 607

Collected 841113 1100 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BAIL / PUMP / DIP

Water Level \_\_\_\_\_ pH (00400) \_\_\_\_\_

Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umf

Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C

Conductivity at 25°C (00094) \_\_\_\_\_ umf

GROUND WATER/HAZARDOUS WASTE

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES Wd 33.64

From NF, NA sample: Date Analyzed

Conductivity \_\_\_\_\_ umho  
 (25°C)(00095)  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l

From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N total (00630) \_\_\_\_\_  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, NA sample: Date Analyzed

Calcium (00915) 461 mg/l 1/15  
 Potassium (00935) 14.8 mg/l 12/17  
 Magnesium (00925) 12.9 mg/l 1/15  
 Sodium (00930) 228 mg/l 12/17  
 Bicarbonate(00440) 266.3 mg/l 1/14  
 Chloride (00940) 37.9 mg/l 1/17  
 Sulfate (00945) 3384 mg/l 12/18  
 Total filterable residue (dissolved)(70300) 4990 mg/l 12/35

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N dissolved (00631) \_\_\_\_\_  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007050

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

RT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 956 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WC 5549  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 12/24/85  
 Initial

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 608

Collected 841113 1105 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BAIX / PUMP / DIP

Water Level \_\_\_\_\_ pH (00400) 8.21

Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umf

Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C

GROUND WATER RESOURCES WASTE BUREAU Conductivity at 25°C (00094) \_\_\_\_\_ umf

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES

From NF, NA sample: Date Analyzed

From F, NA sample: Date Analyze

Conductivity \_\_\_\_\_ umho  
 (25°C)(00095)  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l

Calcium (00915) 499 mg/l 1/15  
 Potassium (00935) 8.58 mg/l 12/17  
 Magnesium (00925) 50.6 mg/l 2/1  
 Sodium (00930) 200 mg/l 12/17  
 Bicarbonate(00440) pH=3.4, no bicarb mg/l 1/14  
 Chloride (00940) 48.9 mg/l 1/17  
 Sulfate (00945) 4686 mg/l 12/18  
 Total filterable residue (dissolved)(70300) 7358 mg/l 11/2/85

From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:  
 Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N total (00630) \_\_\_\_\_

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:  
 Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N dissolved (00631) \_\_\_\_\_  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

007051

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

ATT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 558 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WC 5572  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 11/22/85  
 Initials

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 610

Collected 841113 1100 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BAIL / PUMP / DIP

Water Level \_\_\_\_\_ pH (00400) \_\_\_\_\_  
 Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umh  
 Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C  
 GROUND WATER/HAZARDOUS WASTE BUREAU Conductivity at 25°C (00094) \_\_\_\_\_ umh

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES 0 80 25.5

From NF, NA sample: Date Analyzed

Conductivity \_\_\_\_\_ umho  
 (25°C)(00095)  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l

From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N total (00530) \_\_\_\_\_  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, NA sample: Date Analyze

Calcium (00915) 432 mg/l 11/15  
 Potassium (00935) 4.29 mg/l 12/17  
 Magnesium (00925) 48.6 mg/l 11/15  
 Sodium (00930) 248 mg/l 12/17  
 Bicarbonate(00440) pH=2.76, <sup>mw</sup> bicarb mg/l 11/14  
 Chloride (00940) 128.6 mg/l 1/17  
 Sulfate (00945) 924.3 mg/l 12/18  
 Total filterable residue (dissolved)(70300) 14,132 mg/l 1/2/85

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N dissolved (00631) \_\_\_\_\_  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007052

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

REPORT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WC 5574  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 1/16/85 Initial RD

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHOISEN BOCK

Station/Well Code 610

Collected 841113 1110 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BATH/PUMP/DWG

Water Level \_\_\_\_\_ pH (00400) 2.84

Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umf

Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C

Conductivity at 25°C (00094) \_\_\_\_\_ umf

GROUND WATER/HAZARDOUS WASTE BUREAU

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES

From NF, NA sample:	Date Analyzed	From F, NA sample:	Date Analyzed
<input type="checkbox"/> Conductivity (25°C)(00095) _____ umho		<input type="checkbox"/> Calcium (00915) _____ mg/l	
<input type="checkbox"/> Total nonfilterable residue (suspended)(00530) _____ mg/l		<input type="checkbox"/> Potassium (00935) _____ mg/l	
From NF, A-H <sub>2</sub> SO <sub>4</sub> sample:		<input type="checkbox"/> Magnesium (00925) _____ mg/l	
<input type="checkbox"/> Nitrate-N+ Nitrite-N total (00630) _____ mg/l		<input type="checkbox"/> Sodium (00930) _____ mg/l	
<input type="checkbox"/> Ammonia-N total (00610) _____ mg/l		<input type="checkbox"/> Bicarbonate(00440) _____ mg/l	
<input type="checkbox"/> Chemical oxygen demand (00340) _____ mg/l		<input type="checkbox"/> Chloride (00940) _____ mg/l	
TKN _____ mg/l		<input type="checkbox"/> Sulfate (00945) _____ mg/l	
		<input type="checkbox"/> Total filterable residue (dissolved)(70300) _____ mg/l	
		From F, A-H <sub>2</sub> SO <sub>4</sub> sample:	
		<input checked="" type="checkbox"/> Nitrate-N+ Nitrite-N dissolved (00631) <u>26.2</u> mg/l <u>1/4</u>	
		<input checked="" type="checkbox"/> Ammonia-N dissolved(00508) <u>96.7</u> mg/l <u>1/4</u>	
		<input type="checkbox"/> Total Kjeldahl N _____ mg/l	

007053

This form accompanies 1 sample(s) marked as follows to indicate field treatment:



REPORT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 956 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER W65554  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 12/1/85  
 Initial

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Location/Well Code 613

Collected 841113 1050 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BAIL / PUMP / DIP

Water Level \_\_\_\_\_ pH (00400) \_\_\_\_\_

Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umf

Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C

GROUND WATER/HAZARDOUS WASTE BUREAU  
 Conductivity at 25°C (00094) \_\_\_\_\_ umf

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES

Ca 313

From NF, NA sample: Date Analyzed From F, NA sample: Date Analyzed

Conductivity (25°C)(00095) \_\_\_\_\_ umho  Calcium (00915) 626 mg/l 1/20

Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l  Potassium (00935) 2.34 mg/l 12/1

From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:  Magnesium (00925) 657 mg/l 2/1

Nitrate-N+ Nitrite-N total (00630) \_\_\_\_\_ mg/l  Sodium (00930) 285 mg/l 12/17

Ammonia-N total (00610) \_\_\_\_\_ mg/l  Bicarbonate (00440) pH=2.71, no bicarb mg/l 1/14

Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  Chloride (00940) 175.6 mg/l 1/17

TKN \_\_\_\_\_ mg/l  Sulfate (00945) 10380 mg/l 12/18

Total filterable residue (dissolved)(70300) \_\_\_\_\_ mg/l 1/2/85

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:  Nitrate-N+ Nitrite-N dissolved (00631) \_\_\_\_\_ mg/l

Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l

007054

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

RT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER DE 3583  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 11/22/84  
 Initial

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK  
 Location/Well Code 620  
 Collected 841113 1001 By RAYMONDI  
 Date Time Name Unit  
 Sampling Conditions BAIL/PUMP/DIP  
 Water Level \_\_\_\_\_ pH (00400) 6.70  
 Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umf  
 Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C  
 GROUND WATER/HAZARDOUS WASTE BUREAU Conductivity at 25°C (00094) \_\_\_\_\_ umf

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES 101.5

From NF, NA sample: Date Analyzed  
 Conductivity (25°C)(00095) \_\_\_\_\_ umho  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l  
 From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:  
 Nitrate-N+ Nitrite-N total (00530) \_\_\_\_\_ mg/l  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, NA sample: Date Analyzed  
 Calcium (00915) 156 mg/l 1/15  
 Potassium (00935) 5.46 mg/l 12/11  
 Magnesium (00925) 1135 mg/l 1/15  
 Sodium (00930) 380 mg/l 12/11  
 Bicarbonate(00440) 548.2 mg/l 1/14  
 Chloride (00940) 396 mg/l 1/17  
 Sulfate (00945) 5721 mg/l 1/4  
 Total filterable residue (dissolved)(70300) 7834 mg/l 1/2

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:  
 Nitrate-N+ Nitrite-N dissolved (00631) \_\_\_\_\_ mg/l  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007055

This form accompanies 1 sample(s) marked as follows to indicate field treatment:



REPORT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WC 5332  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 12/2/85  
 Initial

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 621

Collected 841113 1030 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BAIL / PUMP / DIP

Water Level \_\_\_\_\_ pH (00400) 6.5

Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umh

Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C

GROUP \_\_\_\_\_ BUREAU \_\_\_\_\_ Conductivity at 25°C (00094) \_\_\_\_\_ umh

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES 56.00

From NF, NA sample: Date Analyzed

Conductivity \_\_\_\_\_ umho  
 (25°C)(00095)  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l

From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N total (00630)  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, NA sample: Date Analyzed

Calcium (00915) 449 mg/l 11/5  
 Potassium (00935) 11.3 mg/l 12/1  
 Magnesium (00925) 409 mg/l 11/5  
 Sodium (00930) 331 mg/l 12/1  
 Bicarbonate(00440) 258.2 mg/l 11/4  
 Chloride (00940) 187.9 mg/l 11/1  
 Sulfate (00945) 4850 mg/l 12/1  
 Total filterable residue (dissolved)(70300) 7562 mg/l 11/2/8

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N dissolved (00631)  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007056

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

PORT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER 2005578  
 DATE RECEIVED 11/26/84  
 DATE REPORTED CD 2/4/85  
 Initial

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 622

Collected 841113 1020 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BAW/PUMP/DIP

Water Level \_\_\_\_\_ pH (00400) \_\_\_\_\_  
 Discharge RECEIVED Conductivity (Uncorrected) \_\_\_\_\_ uml  
 Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C  
 Conductivity at 25°C (00094) \_\_\_\_\_ uml

GROUND WATER/HAZARDOUS WASTE

BUREAU  
 GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES

Ca 26.4

NF, NA sample: \_\_\_\_\_ Date Analyzed \_\_\_\_\_

From F, NA sample: \_\_\_\_\_ Date Analyzed \_\_\_\_\_

Conductivity (25°C)(00095) \_\_\_\_\_ umho  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l

Calcium (00915) 527 mg/l 1/30  
 Potassium (00935) 8.97 mg/l 12/15  
 Magnesium (00925) 66.5 mg/l 2/1  
 Sodium (00930) 232 mg/l 12/17  
 Bicarbonate(00440) 311.2 mg/l 1/14  
 Chloride (00940) 157.2 mg/l 1/17  
 Sulfate (00945) 4315 mg/l 12/15  
 Total filterable residue (dissolved)(70300) 6574 mg/l 1/2/8

NF, A-H<sub>2</sub>SO<sub>4</sub> sample: \_\_\_\_\_  
 Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N total (00630) \_\_\_\_\_  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, A-H<sub>2</sub>SO<sub>4</sub> sample: \_\_\_\_\_  
 Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N dissolved (00631) \_\_\_\_\_  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007057

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

PORT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WC 5587  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 12/21/85 Initial

SLD USER CODE NUMBER 59600 59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 623

Collected 84111 1000 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions RAIL / PUMP / DIP

Water Level RECEIVED pH (00400) 6.50

Discharge FILE 8/8/81 Conductivity (Uncorrected)                      umf

Sample Type                      Water Temp (00010)                      °C

GROUND WATER/HAZARDOUS WASTE BUREAU  
 Conductivity at 25°C (00094)                      umf

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES Ca 26.2

NF, NA sample:                       
 Date Analyzed

From F, NA sample:                       
 Date Analyzed

Conductivity (25°C)(00095)                      umho

Calcium (00915) 524 mg/l 1/30

Total nonfilterable residue (suspended)(00530)                      mg/l

Potassium (00935) 8.58 mg/l 12/1

Magnesium (00925) 574 mg/l 2/1

Sodium (00930) 223 mg/l 12/17

NF, A-H<sub>2</sub>SO<sub>4</sub> sample:                     

Bicarbonate(00440) 127.6 mg/l 1/14

Nitrate-N+                      mg/l  
 Nitrite-N total (00630)                     

Chloride (00940) 77.4 mg/l 1/17

Sulfate (00945) 3504 mg/l 1/4

Total filterable residue (dissolved)(70300) 5938 mg/l 1/2

Ammonia-N total (00610)                      mg/l

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:                     

Chemical oxygen demand (00340)                      mg/l

Nitrate-N+                      mg/l  
 Nitrite-N dissolved (00631)                     

TKN                      mg/l

Ammonia-N dissolved(00608)                      mg/l

Total Kjeldahl N                      mg/l

007058

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 558 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER 905577  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 12/14/85  
 Initials

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 625

Collected 8/11/84 1145 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BAKE / PUMP / DIP

Water Level RECEIVED pH (00400) 4.79  
 Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umh  
 Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C  
 Conductivity at 25°C (00094) \_\_\_\_\_ umh  
 GROUND WATER/HAZARDOUS WASTE BUREAU

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES

From NF, NA sample: Date Analyzed

Conductivity (25°C) (00095) \_\_\_\_\_ umho  
 Total nonfilterable residue (suspended) (00530) \_\_\_\_\_ mg/l

From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ Nitrite-N total (00630) \_\_\_\_\_ mg/l  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, NA sample: Date Analyze

Calcium (00915) 477 mg/l 1/30  
 Potassium (00935) 11.7 mg/l 12/17  
 Magnesium (00925) 266.5 mg/l 2/1  
 Sodium (00930) 313 mg/l 12/17  
 Bicarbonate (00440) pH=4.5, no bicarb. mg/l 1/14  
 Chloride (00940) 78.6 mg/l 1/17  
 Sulfate (00945) 13154 mg/l 12/18  
 Total filterable residue (dissolved) (70300) 20414 mg/l 1/2/85

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ Nitrite-N dissolved (00631) \_\_\_\_\_ mg/l  
 Ammonia-N dissolved (00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007059

Form accessories 1 sample(s) marked as follows to indicate field treatment:

ATT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER NO 5581  
 DATE RECEIVED 11/26/84  
 DATE REPORTED CG 2/4/85  
 Initial: \_\_\_\_\_

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 301

Collected 841113 1000 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BAIL / PUMP / DIP

Water Level RECEIVED pH (00400) 5.65

Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umf.

Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C

GROUND WATER/HAZARDOUS WASTE BUREAU Conductivity at 25°C (00094) \_\_\_\_\_ umf.

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES

From NF, NA sample: Date Analyzed

Conductivity (25°C) (00095) \_\_\_\_\_ umho  
 Total nonfilterable residue (suspended) (00530) \_\_\_\_\_ mg/l

From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N total (00630) \_\_\_\_\_  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, NA sample: Date Analyzed

Calcium (00915) 548 mg/l 1/30  
 Potassium (00935) 13.7 mg/l 12/15  
 Magnesium (00925) 130.5 mg/l 2/1  
 Sodium (00930) 534 mg/l 12/17  
 Bicarbonate (00440) 277.6 mg/l 1/14  
 Chloride (00940) 337.2 mg/l 1/17  
 Sulfate (00945) 7433 mg/l 12/18  
 Total filterable residue (dissolved) (70300) 11,130 mg/l 1/2/85

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N dissolved (00631) \_\_\_\_\_  
 Ammonia-N dissolved (00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007060

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

T TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WC 5586  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 1/22/85 Initials

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 303

Collected 841113 1005 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BALL / PUMP / DIP

Water Level \_\_\_\_\_ pH (00400) 4.99

Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umh

Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C

GROUND WATER/HAZARDOUS WASTE BUREAU  
 Conductivity at 25°C (00094) \_\_\_\_\_ umh

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES 91.98

NF, NA sample: \_\_\_\_\_ Date Analyzed \_\_\_\_\_

From F, NA sample: \_\_\_\_\_ Date Analyze \_\_\_\_\_

Conductivity (25°C) (00095) \_\_\_\_\_ umho

Calcium (00915) 527 mg/l 1/16

Total nonfilterable residue (suspended) (00530) \_\_\_\_\_ mg/l

Potassium (00935) 101 mg/l 12/11

Magnesium (00925) 787 mg/l 1/16

Sodium (00930) 370 mg/l 12/17

NF, A-H<sub>2</sub>SO<sub>4</sub> sample: \_\_\_\_\_

Bicarbonate (00440) pH=4.5, no bicarb. mg/l 1/14

Nitrate-N<sup>+</sup> \_\_\_\_\_ mg/l

Chloride (00940) 456.5 mg/l 1/17

Nitrite-N total (00630) \_\_\_\_\_

Sulfate (00945) 547.9 mg/l 1/4

Ammonia-N total (00610) \_\_\_\_\_ mg/l

Total filterable residue (dissolved) (70300) 13274 mg/l 1/2

Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, A-H<sub>2</sub>SO<sub>4</sub> sample: \_\_\_\_\_

Nitrate-N<sup>+</sup> \_\_\_\_\_ mg/l

Nitrite-N dissolved (00631) \_\_\_\_\_

Ammonia-N dissolved (00608) \_\_\_\_\_ mg/l

Total Kjeldahl N \_\_\_\_\_ mg/l

007061

This form accompanies 1 sample(s) marked as follows to indicate field treatment:



TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 558 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WPC 53748  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 2/5/85 Initials  
 SLD USER CODE NUMBER 59600 59300 51.32

Sample Location UNC CHURCH ROCK  
 Station/Well Code 304  
 Collected 841113 1008 By RAYMONDI  
 Date Time Name Unit  
 Sampling Conditions ~~BASE~~ / PUMPC/  
 Water Level \_\_\_\_\_ pH (00400) 6.43  
 Discharge \_\_\_\_\_ FEB 13 1985  
 Conductivity (Uncorrected) \_\_\_\_\_ umh  
 Sample Type GROUND WATER/HAZARDOUS WASTE BUREAU Water Temp (00010) \_\_\_\_\_ °C  
 Conductivity at 25°C (00094) \_\_\_\_\_ umh

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES 104.52

NF, NA sample: Date Analyzed  
 Conductivity (25°C)(00095) \_\_\_\_\_ umho  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l  
 NF, A-H<sub>2</sub>SO<sub>4</sub> sample:  
 Nitrate-N<sup>+</sup> \_\_\_\_\_ mg/l  
 Nitrite-N total (00630) \_\_\_\_\_  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, NA sample: Date Analyze  
 Calcium (00915) 387 mg/l 1/15  
 Potassium (00935) 17.9 mg/l 12/17  
 Magnesium (00925) 1036 mg/l 1/15  
 Sodium (00930) 504 mg/l 12/17  
 Bicarbonate(00440) 784.4 mg/l 1/14  
 Chloride (00940) 315.3 mg/l 1/17  
 Sulfate (00945) 6375 mg/l 12/18  
 Total filterable residue (dissolved)(70300) 10,084 mg/l 2/5

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:  
 Nitrate-N<sup>+</sup> \_\_\_\_\_ mg/l  
 Nitrite-N dissolved (00631) \_\_\_\_\_ mg/l  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

RECEIVED  
 FEB 13 1985  
 LIQUID WASTE/CRU... SURVEILLANCE

007062

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

( ATT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER W65551  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 12/2/85 Initials  
 SLD USER CODE NUMBER 59600 59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 306

Collected 841113 1045 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BAIL / PUMP / DIP

Water Level RECEIVED pH (00400) 6.5  
 Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umh  
 Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C  
 GROUND WATER/HAZARDOUS WASTE BUREAU Conductivity at 25°C (00094) \_\_\_\_\_ umh

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES hd 86.5

NF, NA sample: Date Analyzed

Conductivity (25°C)(00095) \_\_\_\_\_ umho  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l

NF, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N total (00630) \_\_\_\_\_  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, NA sample: Date Analyze

Calcium (00915) 499 mg/l 1/15  
 Potassium (00935) 10.1 mg/l 12/17  
 Magnesium (00925) 7.42 mg/l 1/15  
 Sodium (00930) 221 mg/l 12/17  
 Bicarbonate(00440) 163.5 mg/l 1/14  
 Chloride (00940) 70.3 mg/l 1/17  
 Sulfate (00945) 3875 mg/l 12/18  
 Total filterable residue (dissolved)(70300) 6112 mg/l 1/2/85

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N dissolved (00631) \_\_\_\_\_  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007063

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

RT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WC 5582  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 12/4/85  
 Initial

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 310

Collected 841113 1015 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BAIL / PUMP / DIP

Water Level \_\_\_\_\_ RECEIVED pH (00400) 4.84  
 Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umh  
 Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C  
 Conductivity at GROUND WATER/HAZARDOUS WASTE 25°C (00094) \_\_\_\_\_ umh  
 BUREAU

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES

From NF, NA sample: Date Analyzed

Conductivity (25°C)(00095) \_\_\_\_\_ umho  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l

From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N total (00630) \_\_\_\_\_  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, NA sample: Date Analyzed

Calcium (00915) 545 mg/l 1/30  
 Potassium (00935) 6.63 mg/l 12/17  
 Magnesium (00925) 735 mg/l 2/1  
 Sodium (00930) 216 mg/l 12/17  
 Bicarbonate(00440) pH=4.46, NO bicarb mg/l 1/14  
 Chloride (00940) 87.8 mg/l 1/17  
 Sulfate (00945) 4078 mg/l 1/4  
 Total filterable residue (dissolved)(70300) 7044 mg/l 1/2

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N dissolved (00631) \_\_\_\_\_  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007064

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

(X) TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WE 5579  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 1/22/85  
 Initials

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Location/Well Code 311

Collected 8411B 1020 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BAIL / PUMP / DIP

Water Level \_\_\_\_\_ pH (00400) 6.67  
 Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umhc  
 Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C  
 GROUND WATER/HAZARDOUS WASTE BUREAU Conductivity at 25°C (00094) \_\_\_\_\_ umhc

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES

HD 86.8

From NF, NA sample: Date Analyzed

From F, NA sample: Date Analyzed

Conductivity \_\_\_\_\_ umho  
 (25°C)(00095)  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l

Calcium (00915) 151 mg/l 1/15  
 Potassium (00935) 10.9 mg/l 12/17  
 Magnesium (00925) 962 mg/l 1/15  
 Sodium (00930) 419 mg/l 12/17  
 Bicarbonate(00440) 144.8 mg/l 1/14  
 Chloride (00940) 361.9 mg/l 1/17  
 Sulfate (00945) 4610 mg/l 12/12  
 Total filterable residue (dissolved)(70300) 7160 mg/l 1/2/85

From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N total (00630) \_\_\_\_\_  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N dissolved (00631) \_\_\_\_\_  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007065

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

ATT TO: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 958 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WC 5553  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 12/2/84  
 Initials:

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK  
 Station/Well Code 312A  
 Collected 841113 1025 By RAYMONDI  
 Date Time Name Unit  
 Sampling Conditions BAW / PUMP / DIP  
 Water Level RECEIVED pH (00400) 6.66  
 Discharge Conductivity (Uncorrected)           $\mu\text{mh}$   
 Sample Type Water Temp (00010)           $^{\circ}\text{C}$   
 GROUND WATER/HAZARDOUS WASTE BUREAU Conductivity at 25 $^{\circ}\text{C}$  (00094)           $\mu\text{mh}$

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES 162

From NF, NA sample: Date Analyzed  
 Conductivity           $\mu\text{mho}$   
 (25 $^{\circ}\text{C}$ )(00095)  
 Total nonfilterable residue (suspended)(00530)           $\text{mg/l}$   
 From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:  
 Nitrate-N+ Nitrite-N total (00630)           $\text{mg/l}$   
 Ammonia-N total (00610)           $\text{mg/l}$   
 Chemical oxygen demand (00340)           $\text{mg/l}$   
 TKN           $\text{mg/l}$

From F, NA sample: Date Analyze  
 Calcium (00915) 333  $\text{mg/l}$  1/15  
 Potassium (00935) 15.2  $\text{mg/l}$  12/17  
 Magnesium (00925) 1768  $\text{mg/l}$  1/15  
 Sodium (00930) 421  $\text{mg/l}$  12/17  
 Bicarbonate(00440) 487.6  $\text{mg/l}$  1/14  
 Chloride (00940) 310.1  $\text{mg/l}$  1/17  
 Sulfate (00945) 5864  $\text{mg/l}$  12/18  
 Total filterable residue (dissolved)(70300) 9340  $\text{mg/l}$  11/2/85

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:  
 Nitrate-N+ Nitrite-N dissolved (00631)           $\text{mg/l}$   
 Ammonia-N dissolved(00608)           $\text{mg/l}$   
 Total Kjeldahl N           $\text{mg/l}$

007066

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

PORT: Water Pollution Control Bureau  
 Environmental Improvement Division  
 Health & Environment Department  
 P.O. Box 956 - Crown Building  
 Santa Fe, NM 87504-0968  
 ATTENTION: RAYMONDI

LAB NUMBER WC 5580  
 DATE RECEIVED 11/26/84  
 DATE REPORTED 1/22/85  
 Initials

SLD USER CODE NUMBER 59600  
59300 51.32

Sample Location UNC CHURCH ROCK

Station/Well Code 315

Collected 8/11/83 10:35 By RAYMONDI  
 Date Time Name Unit

Sampling Conditions BASIC / PUMP / DWP

Water Level \_\_\_\_\_ pH (00400) 7.7  
 Discharge \_\_\_\_\_ Conductivity (Uncorrected) \_\_\_\_\_ umhc  
 Sample Type \_\_\_\_\_ Water Temp (00010) \_\_\_\_\_ °C  
 GROUND WATER/HAZARDOUS WASTE BUREAU Conductivity at 25°C (00094) \_\_\_\_\_ umhc

GENERAL WATER CHEMISTRY AND NITROGEN ANALYSES

del 83.1

From NF, NA sample: Date Analyzed

Conductivity \_\_\_\_\_ umho  
 (25°C)(00095)  
 Total nonfilterable residue (suspended)(00530) \_\_\_\_\_ mg/l

From NF, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N total (00630)  
 Ammonia-N total (00610) \_\_\_\_\_ mg/l  
 Chemical oxygen demand (00340) \_\_\_\_\_ mg/l  
 TKN \_\_\_\_\_ mg/l

From F, NA sample: Date Analyzed

Calcium (00915) 548 mg/l 1/15  
 Potassium (00935) 7.80 mg/l 12/17  
 Magnesium (00925) 677 mg/l 1/15  
 Sodium (00930) 212 mg/l 12/17  
 Bicarbonate(00440) 249.7 mg/l 1/14  
 Chloride (00940) 23.8 mg/l 1/17  
 Sulfate (00945) 3843 mg/l 12/18  
 Total filterable residue (dissolved)(70300) 5792 mg/l 1/2/85

From F, A-H<sub>2</sub>SO<sub>4</sub> sample:

Nitrate-N+ \_\_\_\_\_ mg/l  
 Nitrite-N dissolved (00631)  
 Ammonia-N dissolved(00608) \_\_\_\_\_ mg/l  
 Total Kjeldahl N \_\_\_\_\_ mg/l

007067

This form accompanies 1 sample(s) marked as follows to indicate field treatment:

NF: Whole sample (no filtration)

(NA) No acid added