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UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION  
ATOMIC SAFETY AND LICENSING BOARD PANEL

OFFICE OF SECRETARY  
RULEMAKING AND  
ADJUDICATIONS STAFF

Before Administrative Judge Peter B. Bloch, Presiding Officer

In the Matter of )

HYDRO RESOURCES, INC. )

2929 Coors Road )

Suite 101 )

Albuquerque, NM 87120 )

Docket No. 40-8968-ML

ASLBP No. 95-706-01-ML

**EASTERN NAVAJO DINE AGAINST URANIUM MINING'S AND SOUTHWEST  
RESEARCH AND INFORMATION CENTER'S BRIEF IN OPPOSITION TO  
HYDRO RESOURCES, INC'S APPLICATION FOR A MATERIALS LICENSE  
WITH RESPECT TO:**

**ENVIRONMENTAL JUSTICE ISSUES**

February 19, 1999

**VOLUME III**

**EXHIBITS**

20015

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NUCLEAR REGULATORY COMMISSION

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Peter B. Bloch, Presiding Officer

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In the Matter of )	
HYDRO RESOURCES, INC. )	Docket No. 40-8968-ML
2929 Coors Road, Suite 101 )	
Albuquerque, NM 87120 )	ASLBP No. 95-706-01-ML
_____ )	

**WRITTEN TESTIMONY OF LARRY J. KING**

On behalf of Eastern Navajo Dine Against Uranium Mining ("ENDAUM") and Southwest Research and Information Center ("SRIC"), Larry J. King submits the following testimony regarding the amended application of Hydro Resources, Inc. ("HRI") for a source materials license to conduct in situ leach ("ISL") uranium mining at three proposed sites in McKinley County, New Mexico, referred to as the "Crownpoint Uranium Project."

**Q.1. Please state your name.**

**A.1. My name is Larry J. King.**

**Q.2. Where do you live?**

**A.2. I live in a home built by my father on land located in the southeastern section of**

the northeast quarter of Section 17, Township 16 North, Range 16 West, McKinley County, New Mexico, in which my father received a homesite lease interest from the Navajo Nation. A copy of this homesite lease permit is attached to this testimony as Exhibit A.

I also have a homesite lease interest from the Navajo Nation in a one-acre parcel located in the southeastern section of the northeast quarter of Section 17, Township 16 North, Range 16 West, McKinley County, New Mexico, a copy of this homesite lease permit is attached to this testimony as Exhibit B. I plan to build a home on my homesite within the next five years. I plan to live in either my father's home on Section 17 or on my homesite on Section 17 for the rest of my life.

My two sisters, Rita Jean Grey and Dorothy King Smith, and their families, live next door to me in homes located also in the southeastern section of the northeast quarter of Section 17, Township 16 North, Range 16 West, McKinley County, New Mexico; copies of their homesite leases are attached here as Exhibit C.

My mailing address is P.O. Box 2197, Gallup, New Mexico, 87305.

**Q.3. What is your occupation?**

**A.3.** I am employed as an Engineering Technician with the U.S. Public Health Service, Indian Health Service's Office of Environmental Health and Engineering in Gallup, New Mexico. I have held this position since January, 1997, after I was promoted from a similar position with the Office of Environmental Health and

Engineering in Crownpoint, New Mexico.

**Q.4. Are you familiar with the Crownpoint Uranium Mining Project proposed by HRI?**

**A.4.** Yes. I am Vice President of ENDAUM, which is a party to this proceeding. I have reviewed many of the documents in the Hearing Record, including the Final Environmental Impact Statement to Construct and Operate the Crownpoint Uranium Solution Mining Project, Crownpoint, New Mexico ("FEIS") (February, 1997).

**Q.5. Are you familiar with the areas in Church Rock where HRI proposes to mine uranium?**

**A.5.** Yes. My family has lived and raised livestock for more than 70 years on portions of Church Rock Section 16 and 17, where HRI proposes to conduct part of its Church Rock mining activities.

**Q.6. Please describe your activity raising livestock on this land.**

**A.6.** My sisters and I hold a grazing permit issued to us and our father, Howard King, by the U.S. Bureau of Indian Affairs, a copy of this grazing permit is attached to this testimony as Exhibit D. Our grazing permit gives us the right to graze livestock on the eastern half of Section 17 and the western half of Section 16 of Township 16 North, Range 16 West, McKinley County, New Mexico. Our grazing permit number is CP-94-16-033. Our family currently grazes about 18 head of cattle on this land, and we graze as much as 30 head when rainfall is greater than it has been in the past few years. I plan to renew my grazing permit as necessary and to continue to graze

livestock on these lands for the rest of my life. As a result, I am very familiar with the land referred to in the FEIS and COP as Section 17 of the "Crownpoint Project" mining site.

**Q.7. Do you practice the traditional Navajo way of life?**

A.7. Yes. I am a member of the Navajo Tribe, I speak the Navajo language fluently, and I carry out the traditional Navajo way of life. Grazing livestock is an important traditional Navajo practice. Together with a traditional Navajo medicine man, I make offerings to Mother Earth to ask for enough vegetation for my livestock and so that my livestock will be healthy. When we make these prayers, the medicine man uses vegetation in the area as part of the offerings.

**Q.8. Do you believe that your traditional Navajo practices will be affected by HRI's proposed project?**

A.8. Yes, I do. If the mining company were to pollute the land, air or water, the vegetation that we use in our traditional Navajo prayers will be affected and might not even grow anymore or it might become toxic. Then when my cattle would eat the plants, they would get sick.

**Q.9. Would it be possible for you to move away from Church Rock to avoid the mining project?**

A.9. Absolutely not. We would have no place to go. Through my father's side, this parcel of land has been in my family's possession for several generations. We all live here together on my family's land and we feel at home, at peace, and safe. We were

all born and raised here and this place is home to us.

**Q.10. How is livestock a part of the Navajo culture as you understand it?**

**A.10.** This is the way we were brought up, to raise livestock. Raising livestock helps with income and for human consumption and survival. For most Navajo people, their flocks of sheep and livestock are considered part of the family. We cannot part with them. When I look outside and I see my livestock grazing out there, I feel good, knowing that I am able to carry on the traditional Navajo way of life. For the older Navajo people, if their sheep get taken away, they get sick.

**Q.11. Does this conclude your testimony?**

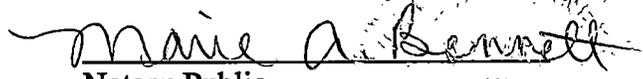
**A.11.** Yes.

**AFFIRMATION**

I declare under penalty of perjury on this 9 day of February, 1999, at Crownpoint, New Mexico, that the foregoing is true and correct.

  
Larry J. King

Sworn and subscribed before me, the undersigned, a Notary Public in and for the State of New Mexico, on this 9th day of February, 1999. My Commission expires on 1-13-2003

  
Notary Public



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS  
NAVAJO AREA OFFICE  
AND  
NAVAJO TRIBE

HOMESITE LEASE

This indenture, made and entered into this 11th day of August, 19 76, by and between THE NAVAJO TRIBE OF INDIANS, hereinafter referred to as the "Lessor" or "Tribe" and

Howard W. King, C# 7246 and Rita B. King, C# 56474  
hereinafter referred to as the "Lessee".

W I T N E S S E T H :

1. For and in consideration of rents and profits hereinafter specified to be paid and performed by the lessee, the lessor hereby leases and lets to the lessee for homesite purposes only the following described tract of land within the Navajo Reservation, in the State of New Mexico, and appurtenances thereto as shown on the attached map marked exhibit "A":

2. This lease shall be for a term of sixty-five (65) years commencing August 11, 1976

3. This lease is subject to cancellation and forfeiture; if, at any time during the term hereof, beneficial use is not made of the tract leases for homesite purposes, as found by the Advisory Committee.

4. This lease is granted under authority of Navajo Tribal Council Resolution No. CJY-14-53 of January 16, 1953; CO-58-58 of October 8, 1958; and CAU-46-61 of August 31, 1961. Said resolution and subsequent Tribal Resolutions or land codes duly enacting and promulgated by the Navajo Tribe shall constitute a part of this lease as though same were incorporated in and made a part of this lease and this lease shall be subject to the terms thereof.

5. Lessee's improvements as used herein shall be deemed to mean buildings, structures, fixtures, equipment, and other improvements affixed to or resting upon the lands leased hereunder in such a manner as to be a part of the realty.

6. It is the intention of the parties that the lessee shall have a possessory interest in all of the lessee's improvements and enjoy all of the normal incidents of ownership in respect thereto, as long as the lease remains in effect.

7. That this homesite lease is for homesite purposes only and will in no way be used to control other lands outside of the leased area, either for grazing purposes or control.

8. In the event of any plans for Community Development by the Navajo Tribe or any other agency, the lessee will permit entry and completion of the said planning. The lessee will also permit the leased area to become a part of the subdivision as might be prescribed

9. Nothing contained in this lease shall operate to delay or prevent termination of Federal trust responsibilities with respect to the land during the term of this lease, provided; however, such termination shall not serve to abrogate this lease. In the event of such termination, all powers, duties, or other functions of the Secretary of the Interior, or his authorized representative, shall terminate, and the responsibility for enforcing compliance with the covenants of this lease shall be assumed by the lessor, his heirs, devisees, executors, administrators, or assigns. While the leased premises are in trust or restricted status, all of the lessee's obligations under this lease, and the obligations of this sureties, are to the United States as well as to the owner of the land. The owners of the land and the lessee and his surety or sureties shall be notified of any such change in the status of the land.

10. The lessee shall pay to the Treasurer of the Navajo Tribe an annual rental of One Dollar (\$1.00) payable in advance on or before January 31 of each year beginning the year after this lease becomes effective.

11. The possessory interest of the lessee herein may be sold or assigned, or transferred in any manner either by assignment or by will during the term of the lease, subject to approval of the Advisory Committee of the Navajo Tribal Council and the Area Director of the Navajo Area Office. The leasehold interest of the lessee maybe encumbered for the purpose of a mortgage, subject to the approval of the mortgage by the Chairman of the Navajo Tribal Council and the Area Director.

12. Lessee agrees that in the event of any violation of the lease provisions or in the event of foreclosure on the premises, the Navajo Tribe shall be authorized to reenter and acquire all of the lessee's equity in the premises upon the payment of any existing indebtedness or the premises.

13. The attached Application for Homesite Lease, dated 03-02-76, shall constitute a part of this lease as though the same were incorporated in and made a part hereof. In the event of any conflict, the terms of this lease shall control.

14. The lessee agrees that he will not use or cause to be used any part of the leased premises for any unlawful conduct or purpose.

THE NAVAJO TRIBE OF INDIANS  
LESSOR

Wilson C. Skutumpah SEP 12 1978  
VICE Chairman, Navajo Tribal Council

\* \* \*

Lessee

x Rita King  
x Howard King

APPROVED:

DEC 5 1978

Andrew W. Latham  
Assistant Area Director, Navajo Area Office

RECEIVED

SEP 13 1978

AREA BRANCH OF  
REAL PROPERTY MGMT.

TRACT DESCRIPTION

A PARCEL OF LAND SITUATED IN THE NORTHEAST QUARTER (NE/4) OF SECTION 17, TOWNSHIP 16 NORTH, RANGE 16 WEST, NEW MEXICO PRINCIPAL MERIDIAN, SPRINGSTEAD, MCKINLEY COUNTY, NEW MEXICO BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE at the Northwest Corner of said Section 17;  
 THENCE run S 68° 55' 00" E, 5194.66 feet to the Point of Beginning of the herein described parcel of land;  
 THENCE S 01° 42' 23" W, 208.71 feet;  
 THENCE N 88° 17' 37" W, 208.71 feet;  
 THENCE N 01° 42' 23" E, 208.71 feet;  
 THENCE S 88° 17' 37" E, 208.71 feet to the Point of Beginning.

Being 1.00 acres, more or less, in area, and being subject to any and all existing easements for underground utilities located therein.

Surveyed 06/16/78 by the Office of Navajo Land Administration, The Navajo Tribe, Window Rock, Navajo Nation, Arizona.

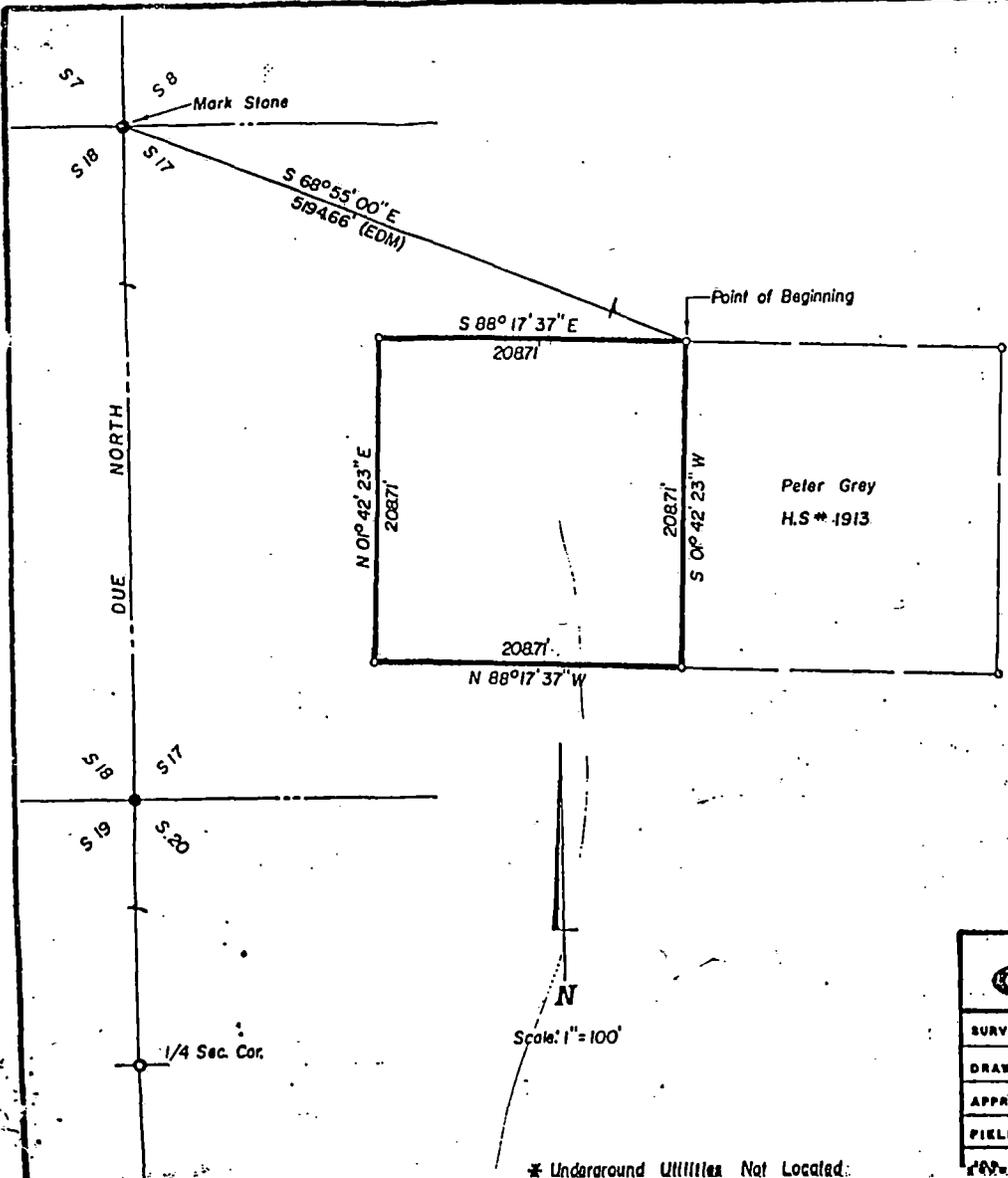


Exhibit "A"

		<h2 style="text-align: center;">HOWARD KING</h2>	
DISTRICT 16-EASTERN NAVAJO AGENCY NE1/4 Sec. 17, T16-N, R 16 W, N.M.P.M SPRINGSTEAD, MCKINLEY COUNTY, NEW MEXICO			
SURVEYED BY	JB		
DRAWN BY	DK		
APPROVED BY	HTE		
FIELD BOOK NO.	12431		
REV. SHEET	1684		

Scale: 1" = 100'

\* Underground Utilities Not Located.

FORM 200A  
May, 1979

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
Bureau of Indian Affairs  
and  
The Navajo Tribe

LEASE NO.  
\_\_\_\_\_

CONTRACT NO.  
\_\_\_\_\_

HOMESITE LEASE

THIS LEASE, made and entered into between THE NAVAJO TRIBE OF INDIANS, NAVAJO NATION, WINDOW ROCK (ARIZONA), hereinafter designated as "LESSOR", and Larry King, C#407,990, residing upon the Navajo Indian Reservation, Church Rock, New Mexico, hereinafter designated as "LESSEE(S)".

WITNESSETH:

1. SECRETARIAL APPROVAL. As used in this lease, the term "SECRETARY" means the Secretary of the Interior or his duly authorized representative. This lease is subject to the approval of the Secretary pursuant to the Act of August 9, 1955, 69 Stat. 539, as amended, 25 U.S.C. 415.

2. PREMISES. Lessor, as authorized by law and in accordance with a resolution adopted by the Advisory Committee of the Navajo Tribal Council on 07/14/82, hereby leases to the Lessee(s) all that tract or parcel of land situated on the Navajo Indian Reservation, County of McKinley, State of New Mexico and described on the

ATTACHED EXHIBIT "A"

3. USE OF PREMISES. The object of this Lease is to enable the Lessee(s) to construct, improve and/or maintain a dwelling and related structure on the premises and, otherwise, to use or occupy said premises for residential purposes.

4. TERM. Lessee(s) shall have and hold the premises for a term of sixty-five (65) years, beginning on the effective date of this Lease. This Lease may not be terminated by either or both parties as long as the Lease and/or any improvement on the premises, or any interest therein, is mortgaged or otherwise pledged as security for any loan in accordance with the provisions hereof, unless consent in writing to such termination is given by the lender and, when FHA insurance or VA guaranty or insurance is in force, by the Federal Housing Administration, Farmers Home Administration, or the Veterans Administration, as the case may be. This Lease shall not be subject to any forfeiture or reversion and shall not be otherwise terminable, if such event would adversely affect any interest in the premises, including improvements thereon, acquired in accordance with the provisions hereof by the holder of any mortgage or other lien, or of any purchaser at a foreclosure sale under such mortgage (or Lien) or under any conveyance given in lieu of foreclosure, or of any holder subsequent to such purchase.

as security for a loan, approval of any assignment by the lender and, when FHA insurance or VA guaranty or insurance is in force, by the Federal Housing Administration or Veterans Administration, as the case may be, will be required. Lessor authorizes Lessee(s) to assign this Lease or deliver possession of the premises, including any improvements thereon, to the Lender, its successors in interest, or the FHA or VA, as the case may be, if Lessee(s) default(s) on any mortgage or other loan agreement for which the Lease and/or improvements on the premises are pledged as security, and, in such event, the lender, its successors in interest, or the FHA, or VA, in turn, is authorized to transfer this Lease or possession of the premises to a successor Lessee. Nothing in this Lease shall prevent the Lessee(s) from executing and recording a mortgage, declaration of trust and/or other security instrument as may be necessary to obtain financing for the construction and/or improvement of a dwelling and related structures, or shall prevent the mortgagee or other lender from foreclosing or instituting other appropriate proceedings under law in the event of default of any mortgage or other loan agreement by the Lessee(s). Except in cases involving loans for home construction or home improvement by a bank or other recognized lending institutions, where no such consent of approval of Lessor shall be required, Lessee(s) may not execute a mortgage, declaration of trust, or other security instrument, pledging their interest in this Lease or any improvement on the premises without the prior consent of Lessor and the approval of the Secretary. In all events described, Lessee(s) shall record all necessary instruments with the Office of Navajo Land Development and the Bureau of Indian Affairs.

12. OPTION. In the event of default by the Lessee(s) on any mortgage or other loan agreement for which this Lease or any improvements on the premises are pledged as security, Lessor shall have the right of first refusal to acquire the Lessee's interest in the premises (subject to all valid liens and encumbrances) upon (a) payment of all sums then in arrears, and (b) either payment of the balance of the loan or assumption of the mortgage. Said right of first refusal may be exercised at any time within 30 days after notice in writing from the lender of the Lessee's default, which notice shall be given before the lender invokes any other remedies provided under the mortgage or by law, and shall be exercised by notice in writing from the Lessor to the Lessee(s) and the lender; provided however, that the Lessee(s) shall have thirty (30) days from the date of the latter notice to cure the default. The estate acquired by the Lessor through exercise of said right of first refusal shall not merge with any other estate or title held by the Lessor as long as this Lease and/or any improvements on the premises, or any interest therein, are mortgaged or otherwise pledged as security for any loan; and said estate shall remain subordinate to any valid and subsisting mortgage or other security instrument.

13. EFFECTIVE DATE. This Lease and all its terms and provisions shall be binding upon the heirs, successors, executors, administrators and assigns of the Lessee(s) and any successor in interest to the Lessor; and shall take effect on the 14th day of July, 1982.

14. OBLIGATIONS TO THE UNITED STATES. It is understood and agreed that while the leased premises are held in trust or restricted status,

all of the Lessee's obligations under this Lease and the obligation of his sureties are to the United States as well as to the owner of the land.

15. NOTICES. Persons receiving notices and demands shall be sent to parties at the addresses herein recited or to such addresses as the parties may hereafter designate in writing. Notices and demands shall be sent by Registered Mail. Copies of all notices and demands shall include but not be limited to: (1) Office of the Chairman, Navajo Tribal Council, c/o Office of Navajo Land Development, Window Rock, Arizona; and (2) Respective Chapter Presidents.

THE NAVAJO TRIBE OF INDIANS, LESSOR

By: *Edward T. Beard*  
Chairman, Navajo Tribal Council

Date: 7/8/83

ATTEST:

\_\_\_\_\_  
WITNESSEE(S)

*Larry King*, LESSEE

\_\_\_\_\_, LESSEE

Approved under Authority of Commissioner's  
Redelegation Order 10 BLAM, 3.1

APPROVED:

Date

*Andy R. Sheita*  
Acting Superintendent

7/26/83

RESOLUTION OF THE  
ADVISORY COMMITTEE OF THE  
NAVAJO TRIBAL COUNCIL

Approving Homesite Lease Applications for  
172 Members of the Navajo Tribe of Indians

WHEREAS:

1. Pursuant to 16 NTC, 851, et seq., the Advisory Committee of the Navajo Tribal Council is authorized to consider and approve homesite lease applications, and to provide for encumbrances of leasehold interests for borrowing of capital for purposes of development and improvement of the leased premises; and

2. The homesite lease applications of the individual Navajos whose names appear on Exhibit "A", attached hereto, have been properly processed by the Office of Navajo Land Development and are in proper order for the consideration of the Advisory Committee of the Navajo Tribal Council.

NOW THEREFORE BE IT RESOLVED THAT:

1. The Advisory Committee of the Navajo Tribal Council hereby approves the granting of homesite leases for the following individuals for a parcel of land not to exceed one (1) acre, subject to survey and for a term of sixty-five (65) years as shown in Exhibit "A" attached hereto.

2. The Advisory Committee of the Navajo Tribal Council further authorizes the encumbrance of the leasehold interest conveyed by the homesite leases for purposes of development and improvement of the leased premises.

3. The Chairman, Navajo Tribal Council, is hereby authorized to execute any and all documents necessary to effect the intent and purpose of this resolution.

4. The Legal Department of the Navajo Tribe is hereby authorized and directed to review and finalize all documents pertinent to the encumbrance of the leasehold interest, the leasehold mortgage, and other material matters relative to this action by the Advisory Committee of the Navajo Tribal Council.

1. ABE, Karen A., C#94,016 and George C#HIDASTA  
Tuba City, Arizona
2. ADSON, Ted C#72,959  
Tuba City, Arizona
3. ANDERSON, SR., Tex R., C#7877 and Emma C#86256  
Mariano Lake, New Mexico
4. ARVISO, SR., Paul W., C#10,689 and Doris C#69,137  
Standing Rock, New Mexico
5. ASHLEY, Herman C#53,308 and Vercella Kelewood C#53,419  
Kinlichee, Arizona
6. ATENE, Thelma C#085,026  
Navajo Mountain, Arizona
7. BABBITT, John C#74,382 and Connie C#303,076  
Kaibeto, Arizona
8. BANCROFT, Sandra C#116,653  
Tuba City, Arizona
9. BARTON, JR., Bernard C#85,117 and Maxine C#18,548  
Dilcon, Arizona
10. BECENTI, Monte A., C#87,625 and Louise A., C#55,347  
Becenti, New Mexico
11. BEGAY, Adele C#097,064  
White Rock, New Mexico
12. BEGAY, Dan B., C#52,664 and Katherine A., C#53,510  
Wide Ruins, Arizona
13. BEGAY, Edward J., C#75,110 and Shirley Ann C#115,561  
Tuba City, Arizona
14. BEGAY, Frank C#302,509 and Daisy R., C#302,515  
Red Lake, Arizona
15. BEGAY, John Lee C#97,767 and Genevieve C#96,162  
Dilcon, Arizona
16. BEGAY, John Nez C#88,287 and Nita N., C#47,593  
White Rock, New Mexico
17. BEGAY, Lester J., C#401,360  
White Rock, New Mexico
18. BEGAY, Lillian M., C#11,316  
Tuba City, Arizona
19. BEGAY, Minnie T., C#64,900  
Klagetoh, Arizona
20. BEGAY, Nelson L., C#040,298 and Marie A., C#002,687  
Tuba City, Arizona

41. CINNIGINNIE, Gene C#43,319 and Mary F., C#12,909  
White Rock, New Mexico
42. CLAH, Mary C#18,209  
Dennehotso, Arizona
43. CRANK, Harrison C#301,902 and Edith M., C#300,579  
Kayenta, Arizona
44. CURLEY, Robert L., C#72,753 and Katherine G., C#76,420  
Kaibeto, Arizona
45. CURLEY, Mary A., C#90,112  
Klagetoh, Arizona
46. CURTISS, SR., Johnny C#69,913 and Betty F., C#37,316  
Kinlichee, Arizona
47. DAVIS, Julia C#58,688  
Klagetoh, Arizona
48. DAW, SR., Paul C#75,680 and Hazel C#65,892  
Red Lake, Arizona
49. DODSON, Delain C#104,395  
Cowsprings, Arizona
50. DODSON, Esther C#65,893  
Cowsprings, Arizona
51. DEJOLIE, Henry C#87,600 and Roselyn C#49,462  
Kaibeto, Arizona
52. DEMPSEY, Ruth A., C#35,302  
Teesto, Arizona
53. DESCHEENIE, Lena C#55,708  
Kinlichee, Arizona
54. DESCHEENIE, Mary Jane C#127,028  
Kinlichee, Arizona
55. DOKEY, Mary C#50,661  
Kinlichee, Arizona
56. EDISON, Leo C#85,158 and TSO, Deanna C#300,437  
Tuba City, Arizona
57. ESPLAIN, Carmelita C#110,154  
Tuba City, Arizona
58. ETCITTY, SR., Raymond C., C#29,580  
Beclabito, New Mexico
59. FARRELL, Betty J., C#71,312  
Tuba City, Arizona
60. FARRELL, JR., Tom C#115,280 and Sylvia A., C#128,285  
Tuba City, Arizona

81. KEE, Ben H., C#58,643 and Mary Ann C#58,708  
Klagetoh, Arizona
82. KING, Francis C#8224  
Mariano Lake, New Mexico
83. KING, Larry C#407,990  
Church Rock, New Mexico
84. KING, Willie C#76,454 and Fannie C#76,375  
Navajo Mountain, Arizona
85. LITTLE, Clyde C#75,357 and Clara C#85,968  
Navajo Mountain, Arizona
86. LITTLE, Leroy L., C#76,472 and FULLER, Barbara C#76,412  
Navajo Mountain, Arizona
87. LONG, June C#83,567  
Klagetoh, Arizona
88. LOUIS, Ray B., C#51,801 and Sarah C#39,958  
Cystal, New Mexico
89. LYNCH, Ronald C#104,500 and Ellen W., C#97,991  
Church Rock, New Mexico
90. MANN, Alice C#48,314  
Kinlichee, Arizona
91. MANYGOATS, John C#85,793 and Louise Ann C#81,731  
Kaibeto, Arizona
92. MANYGOATS, Stub C#85,794 and Lillie Kate C#87,591  
Navajo Mountain, Arizona
93. MANYMULES, Jerry C#78,815  
Red Lake, Arizona
94. MANYMULES, Suzette C#78,816  
Red Lake, Arizona
95. MARTIN, Mathew C#10,474 and Linda E., C#87,042  
Dalton Pass, New Mexico
96. MARTINEZ, Eugene C#104,011 and Andrea E., C#101,700  
Smith Lake, New Mexico
97. MONTOYA, Franklin J., C#72,354 and Elizabeth M., C#89,026  
Red Lake, Arizona
98. MORRIS, Adelle C#85,110  
White Rock, New Mexico
99. NAVAJO, Jane C#085,054  
Navajo Mountain, Arizona
100. NELSON, Rita A., C#53,555  
Wide Ruins, Arizona

121. SECODY, SR., Chee C#85,341 and Annie C#78,072  
Red Lake, Arizona
122. SECODY, Fred R., C#74,855 and Judy K., C#31,398  
Tuba City, Arizona
123. SCHIERHOLZ, Lillie C#078,598  
Tuba City, Arizona
124. SHORTEY, Timothy V., C#602,567 and Dianne L., C#604,877  
Klagetoh, Arizona
125. STALE, Louise C#77,844  
Tuba City, Arizona
126. SUCCO, SR., Herbert C#88,050 and Lucy R., C#94,935  
White Rock, New Mexico
127. SUCCO, Mathew C#88,048 and Nellie C#10,710  
White Rock, New Mexico
128. SUCCO, SR., Raymond C#74,831 and Helena C#87,143  
White Rock, New Mexico
129. TABAHA, Martha C#3791  
Klagetoh, Arizona
130. TABAHA, Raphael C#059,607 and Marie C#059,515  
Oak Springs, Arizona
131. TAPAHA, Marie A., C#55,222  
Klagetoh, Arizona
132. TELLER, Grace C#13,213  
White Rock, New Mexico
133. THOMAS, Jack C#88,471 and Minnie C#22,134  
White Rock, New Mexico
134. THOMAS, Lolita C#88,288  
White Rock, New Mexico
135. TOLEDO, Ben C#128,95A and Anna C#033,345  
White Rock, New Mexico
136. TOLEDO, Louise B., C#12,896  
White Rock, New Mexico
137. TOLEDO, Louise Rose C#117,835  
White Rock, New Mexico
138. TOM, Alvin C#113,168 and Lorraine C#400,701  
Smith Lake, New Mexico
139. TRUJILLO, John L., C#103,969 and Nora E., C#089,775  
Red Lake, Arizona
140. TSIHE, Helen J., C#68,859  
Wide Ruins, Arizona

161. YAZZIE, Frank C#58,457 and Alice T., C#57,970  
Wide Ruins, Arizona
162. YAZZIE, SR., Frank W., C#72,810 and Alice T., C#72,745  
Cowsprings, Arizona
163. YAZZIE, Harold B., C#53,867 and Mary S., C#57,410  
Klagetoh, Arizona
164. YAZZIE, Helen C#71,104  
Tuba City, Arizona
165. YAZZIE, Henry C#104,641  
Kaibeto, Arizona
166. YAZZIE, James T., C#001,716 and Ruth D., C#081,503  
Cowsprings, Arizona
167. YAZZIE, Raye C#404,494 and Abiegail C#113,964  
White Rock, New Mexico
168. YAZZIE, Woody C#109,023 and Shirley C#78,656  
White Cone, Arizona
169. YELLOWHAIR, Charles C#78,510 and Anna S., C#95,035  
Tuba City, Arizona
170. YAHNE, Billy C#065,750 and Rosie B., C#075,135  
Tuba City, Arizona
171. ZONNIE, Sarah C#79,759  
Red Lake, Arizona
172. KEEBAHE, Norman C#115,394 and Cleo C#076,175  
Tuba City, Arizona

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS  
NAVAJO AGENCY  
AND  
NAVAJO TRIBE

APPLICATION FOR HOMESITE LEASE

Date: July 05, 1979

Larry King

Age: 21

Census #: 407,990

Age: \_\_\_\_\_

Census #: \_\_\_\_\_

hereinafter referred to as I, hereby make application for a lease for homesite purposes on a tract of land in (or near) the community of Church Rock described as follows:

See Exhibit "A"

1. I intend to construct the following type(s) of buildings thereon: (Attach drawings, showing plans of constructions, materials to be used, floor plan, etc.).

Frame House

2. I also agree to build an outside privy or inside toilet facilities in accordance with the standards and specifications set by the Sanitation Section of the Health Branch; provided, however, in the event regular sewer system facilities or septic tank facilities are not available nor contemplated, the Sanitation Section of the Health Branch may waive this requirement in writing.

3. The following buildings or other permanent improvements are now located on the site described.

Frame House

4. I am able or intend to finance construction from the following source:

Self Income:

- (F) That the possessory interest may be devised by will, sold assigned, or in any manner transferred during the term of this lease, provided, however, that any devise, sale, assignment or transfer is approved by the Advisory Committee of the Navajo Tribal Council and the Area Director Navajo Area Office.
- (g) That in the event of any violation of any of the lease provisions or in the event of foreclosure on the premises, the Navajo Tribe shall be authorized to re-enter the premises and acquire any equity in the premises upon the payment of the existing indebtedness.

I hereby certify that all the terms and conditions contained in this application have either been read to me or fully explained and that I am fully aware of the requirements contained herein.

"x" Larry Lewis "x" \_\_\_\_\_

P.O. Box 174 Churchrock, NM 87311  
Mailing Address

The above application is recommended for approval.

7/23/79  
Date

Edward T. Bevan  
District Council Delegate

7/30/79  
Date

[Signature]  
District Council Delegate

July 27, 1979  
Date

Charles G. Bevan  
District Grazing/Land Board Member

7/30/79  
Date

Edward O. Hummer  
Agency Superintendent

\_\_\_\_\_  
Date

\_\_\_\_\_  
Office of Navajo Land Administration

Action of the Advisory Committee

I hereby certify that the foregoing Application for Homesite Lease was duly considered by the Advisory Committee of the Navajo Tribal Council at a duly called meeting held at Window Rock, Arizona, at which a quorum was present, and that same was approved by a vote of 13 in favor and 0 opposed, this 14th day of July, 1982, by Advisory Committee Resolution NO. ACJY-88-82.

\_\_\_\_\_  
Office of Navajo Land Administration

A PARCEL OF LAND SITUATE WITHIN LAND MANAGEMENT DISTRICT NO. 16 OF THE EASTERN NAVAJO AGENCY NEAR CHURCHROCK, MCKINLEY COUNTY, STATE OF NEW MEXICO AND IS BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE at a rail Right of Way marker situate in the Northeasterly Right of Way line of the old U.S. Highway 66 (Frontage Road) at Centerline Station 373 + 75.80;

THENCE run N 23° 34' 28" E, 1,296.59 feet to the POINT of BEGINNING of the herein described parcel of land;

THENCE S 75° 52' 05" W, 208.71 feet;

THENCE N 14° 07' 55" W, 208.71 feet;

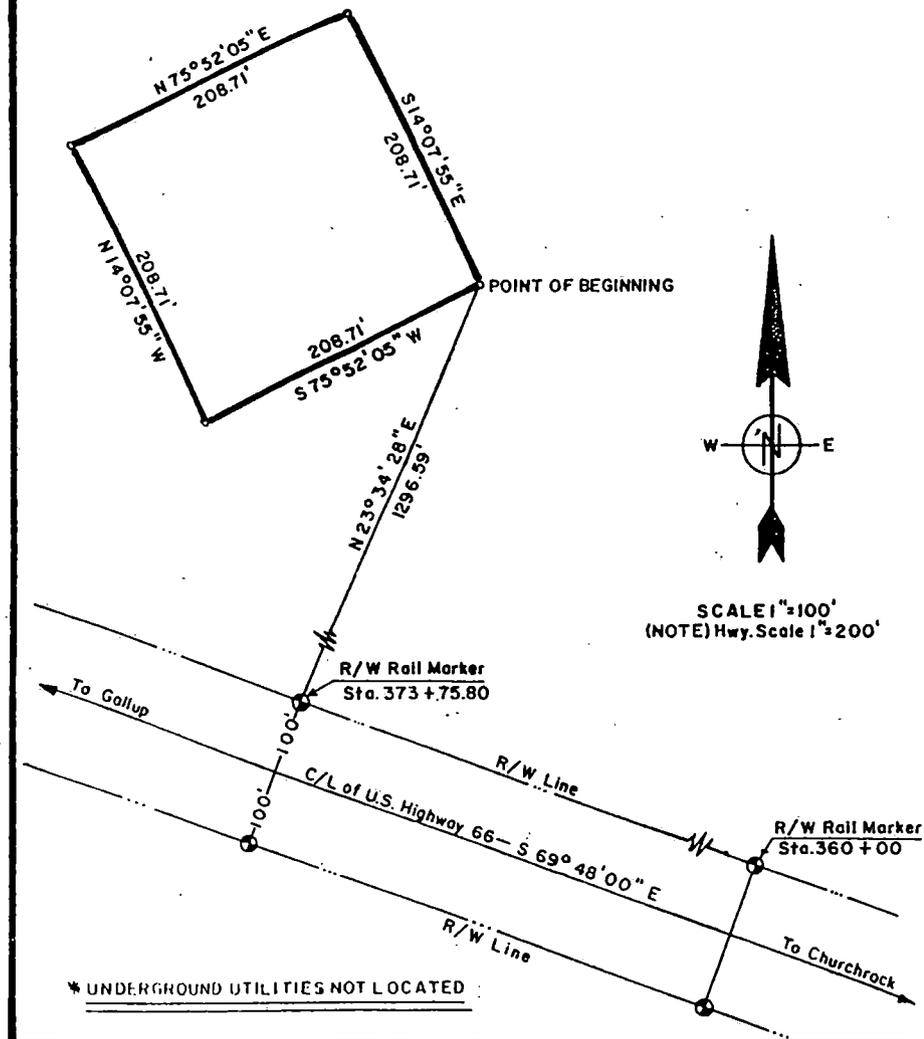
THENCE N 75° 52' 05" E, 208.71 feet;

THENCE S 14° 07' 55" E, 208.71 feet to the Point of Beginning.

Being 1.00 acre, more or less, in area, and being subject to any and all existing easements for underground utilities located therein.

Surveyed 07/23/80 by the Office of Navajo Land Administration, The Navajo Tribe, Window Rock, Navajo Nation, Arizona.

Exhibit "A"



<b>onla</b>			<b>LARRY KING</b>		
SURVEYED	BY	M.F.	1.00 Ac.±		
DRAWN	BY	D.M.T.	DISTRICT 16-EASTERN NAVAJO AGENCY		
APPROVED	BY		CHURCHROCK, MCKINLEY COUNTY, NEW MEXICO		
FIELD BOOK NO.		263-03			
JOB NUMBER		2295			

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS  
NAVAJO AREA OFFICE  
AND  
NAVAJO TRIBE  
HOMESITE LEASE

This indenture, made and entered into this 22nd day of June, 19 78 by and between THE NAVAJO TRIBE OF INDIANS, hereinafter referred to as the "Lessor" or "Tribe" and

Peter Grey, C# 103837 and Rita Grey, C# 407989  
hereinafter referred to as the "Lessee".

W I T N E S S E T H :

1. For and in consideration of rents and profits hereinafter specified to be paid and performed by the lessee, the lessor hereby leases and lets to the lessee for homesite purposes only the following described tract of land within the Navajo Reservation, in the State of New Mexico, and appurtenances thereto as shown on the attached map marked exhibit "A":
2. This lease shall be for a term of sixty-five (65) years commencing June 22, 1978
3. This lease is subject to cancellation and forfeiture; if, at any time during the term hereof, beneficial use is not made of the tract leases for homesite purposes, as found by the Advisory Committee.
4. This lease is granted under authority of Navajo Tribal Council Resolution No. CJY-14-53 of January 16, 1953; CO-58-58 of October 8, 1958; and CAU-46-61 of August 31, 1961. Said resolution and subsequent Tribal Resolutions or land codes duly enacting and promulgated by the Navajo Tribe shall constitute a part of this lease as though same were incorporated in and made a part of this lease and this lease shall be subject to the terms thereof.
5. Lessee's improvements as used herein shall be deemed to mean buildings, structures, fixtures, equipment, and other improvements affixed to or resting upon the lands leased hereunder in such a manner as to be a part of the realty.
6. It is the intention of the parties that the lessee shall have a possessory interest in all of the lessee's improvements and enjoy all of the normal incidents of ownership in respect thereto, as long as the lease remains in effect.

7. That this homesite lease is for homesite purposes only and will in no way be used to control other lands outside of the leased area, either for grazing purposes or control.

8. In the event of any plans for Community Development by the Navajo Tribe or any other agency, the lessee will permit entry and completion of the said planning. The lessee will also permit the leased area to become a part of the subdivision as might be prescribed

9. Nothing contained in this lease shall operate to delay or prevent termination of Federal trust responsibilities with respect to the land during the term of this lease, provided; however, such termination shall not serve to abrogate this lease. In the event of such termination, all powers, duties, or other functions of the Secretary of the Interior, or his authorized representative, shall terminate, and the responsibility for enforcing compliance with the covenants of this lease shall be assumed by the lessor, his heirs, devisees, executors, administrators, or assigns. While the leased premises are in trust or restricted status, all of the lessee's obligations under this lease, and the obligations of this sureties, are to the United States as well as to the owner of the land. The owners of the land and the lessee and his surety or sureties shall be notified of any such change in the status of the land.

10. The lessee shall pay to the Treasurer of the Navajo Tribe an annual rental of One Dollar (\$1.00) payable in advance on or before January 31 of each year beginning the year after this lease becomes effective.

11. The possessory interest of the lessee herein may be sold or assigned, or transferred in any manner either by assignment or by will during the term of the lease, subject to approval of the Advisory Committee of the Navajo Tribal Council and the Area Director of the Navajo Area Office. The leasehold interest of the lessee maybe encumbered for the purpose of a mortgage, subject to the approval of the mortgage by the Chairman of the Navajo Tribal Council and the Area Director.

12. Lessee agrees that in the event of any violation of the lease provisions or in the event of foreclosure on the premises, the Navajo Tribe shall be authorized to reenter and acquire all of the lessee's equity in the premises upon the payment of any existing indebtedness or the premises.

13. The attached Application for Homesite Lease, dated 04-21-78 shall constitute a part of this lease as though the same were incorporated in and made a part hereof. In the event of any conflict, the terms of this lease shall control.

14. The lessee agrees that he will not use or cause to be used any part of the leased premises for any unlawful conduct or purpose.

THE NAVAJO TRIBE OF INDIANS  
LESSOR

AUG 14 1978

Wilson C. Akut

~~VICE~~ Chairman, Navajo Tribal Council

\* \* \*

Lessee

X Peter Grey

X Rob Grey

APPROVED:

MAR 20 1979

Acting Assistant Bert J. Ferguson  
Area Director, Navajo Area Office

RECEIVED

AUG 14 1978

AREA BRANCH OF  
REAL PROPERTY MGMT.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS  
NAVAJO AGENCY  
AND  
NAVAJO TRIBE

APPLICATION FOR HOMESITE LEASE

Date: April 21, 1978

Peter Grey Age: 24 Census #: 103,837

Rita Grey Age: 21 Census #: 407,989

hereinafter referred to as I, hereby make application for a lease for homesite purposes on a tract of land in (or near) the community of Church Rock Chapter described as follows:

See Exhibit "A"

1. I intend to construct the following type buildings thereon: (Attach drawings, showing plans of constructions, materials to be used, floor plan, etc.)

N/A

2. I also agree to build an outside privy or inside toilet facilities in accordance to the standards and specifications set by the Sanitation Section of the Health Branch; provided, however, in the event regular sewer system facilities or septic tank facilities are not available nor contemplated, the Sanitation Section of the Health Branch may waive this requirement in writing.

3. The following buildings or other permanent improvements are now located on the site described.

N/A

4. I am able or intend to finance construction from the following source:

Own Finance

5. The following utilities are available:

Electricity from: NTUA

Water from: PHS

Gas from: BUTANE

Telephone from: NTUA

Heat from: NTUA

Sewerage from: PHS

6. It is understood and agreed that this application shall become a part of the Homesite Lease for the requested, when approved.

7. I agreed that no construction of any nature shall be started until the application is approved.

8. I understand that if favorable action is taken on this application, it will be approved subject to the following conditions:

(a) That a map, showing the site requested herein and including a description thereof, shall be furnished the Office of Navajo Land Administration, who shall approve such map and description.

(b) That this land will be leased for a term not to exceed sixty-five (65) years, to use for a homesite so long as beneficial use is made thereon and subject to all existing and any future Tribal resolutions, regulations, or Land Codes legally adopted by the Navajo Tribe.

(c) That the premises will be kept in a neat and clean condition in a manner which promotes the health, welfare, and appearance of the premises, neighborhood, and the residence thereon.

(d) That it is understood and agreed that any improvements, which shall be deemed to include all buildings structures, fixtures, equipment and other improvements affixed to or resting upon the lands, shall become part of the lands with only possessory rights retained thereon.

(e) That this lease application shall be subject to the approval of the Advisory Committee of the Navajo Tribal Council and the Area Director of the Navajo Area Office, in writing and no right of any sort shall accrue or exist until such approval is obtained.

(f) That the possessory interest may be devised by will, sold, assigned, or in any manner transferred during the term of this lease, provided, however, that any devise, sale, assignment or transfer is approved by the Advisory Committee of the Navajo Tribal Council and the Area Director, Navajo Area Office.

(g) That in the event of any violation of any of the lease provisions or in the event of foreclosure on the premises, the Navajo Tribe shall be authorized to reenter the premises and acquire any equity in the premises upon the payment of the existing indebtedness.

I hereby certify that all the terms and conditions contained in this application have either been read to me or fully explained and that I am fully aware of the requirements contained herein.

x Peter Gray  
Signature of Applicant

x P. D. Gray  
Signature of Applicant

Box 174 Churchrock, NM 87311  
Mailing Address

The above application is recommended for approval.

4/23/78  
Date

Edward T. Benson  
District Councilman

4/26/78  
Date

Miller H. Peterson  
District Councilman

4/29/78  
Date

Charley L. Boy  
District Grazing/Land Board  
Committee Member

6/07/78  
Date

Darwin T. Holloway  
Acting Agency Superintendent

AUG 07 1978

Date

John D. [Signature]  
Office of Navajo Land Administration

## TRACT DESCRIPTION

Homestead No. 1913

A PARCEL OF LAND SITUATED IN NORTHEAST QUARTER (NE/4) OF SECTION 17, TOWNSHIP 16 NORTH, RANGE 16 WEST, NE/MEXICO PRINCIPAL MERIDIAN NEAR SPRINGSTEAD, MCKINLEY COUNTY, NEW MEXICO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE at the Northwest Corner of said Section 17;

THENCE run S 68° 55' 00" E, 5194.66 feet to the Point of Beginning of the herein described parcel of land;

THENCE S 88° 17' 37" E, 208.71 feet;

THENCE S 01° 42' 23" W, 208.71 feet;

THENCE N 88° 17' 37" W, 208.71 feet;

THENCE N 01° 42' 23" E, 208.71 feet to the Point of Beginning.

Being 1.00 acres, more or less, in area, and being subject to any and all existing easements for underground utilities located therein.

Surveyed 06/16/78 by the Office of Navajo Land Administration, The Navajo Tribe, Window Rock, Navajo Nation, Arizona.

Exhibit "A"

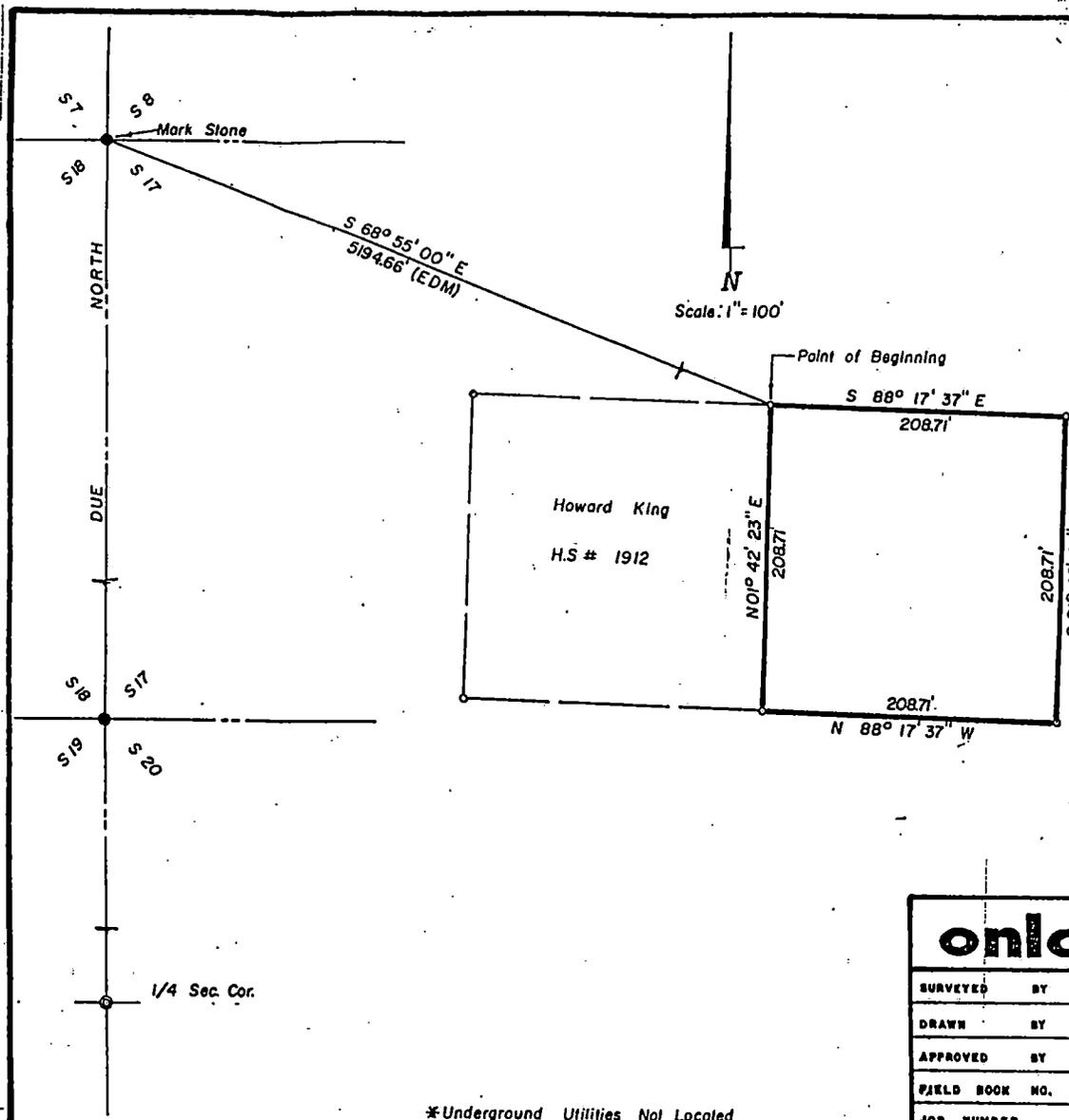
onla

PETER GREY

SURVEYED BY	J.B
DRAWN BY	D.K
APPROVED BY	<i>J. H.</i>
FIELD BOOK NO.	12431
JOB NUMBER	1683

1.00 Ac. ±

DISTRICT 16-EASTERN NAVAJO AGENCY  
NE 1/4 Sec. 17, T16N, R 16 W, N.M.P.M.  
SPRINGSTEAD, MCKINLEY COUNTY, NEW MEXICO



\*Underground Utilities Not Located

TRACT DESCRIPTION

A PARCEL OF LAND SITUATE WITHIN THE NORTHEAST QUARTER (NE/4) OF SECTION 17, TOWNSHIP 16 NORTH, RANGE 16 WEST, NEW MEXICO PRINCIPAL MERIDIAN NEAR SPRINGSTEAD, MCKINLEY COUNTY, STATE OF NEW MEXICO AND IS BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

- COMMENCE at the Northwest corner of said Section 17;
- THENCE run S 68° 55' 00" E, 5,194.66 feet;
- THENCE S 01° 42' 23" W, 208.71 feet to the POINT of BEGINNING of the herein described parcel of land;
- THENCE S 88° 17' 37" E, 208.71 feet;
- THENCE S 01° 42' 23" W, 208.71 feet;
- THENCE N 88° 17' 37" W, 208.71 feet;
- THENCE N 01° 42' 23" E, 208.71 feet to the Point of Beginning.

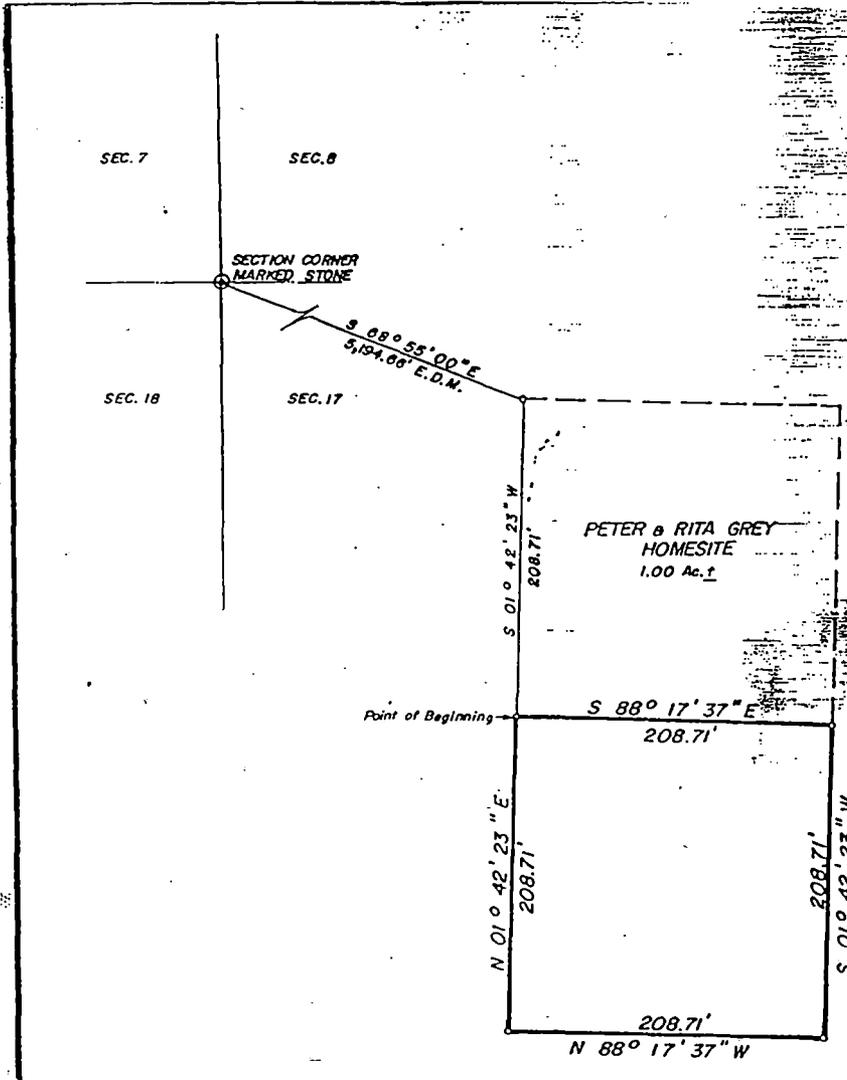
Being 1.00 acre, more or less, in area, and being subject to any and all existing easements for underground utilities located therein.

Surveyed 05/27/81 by the Office of Navajo Land Administration, The Navajo Tribe, Window Rock, Navajo Nation, Arizona.

Exhibit "A"

*Approved legal description of the one-acre homestead lease.*

SCALE 1"=100'



E.D.M. = ELECTRONIC DISTANCE MEASUREMENT  
UNDERGROUND UTILITIES NOT LOCATED

<b>onla</b>		<b>DOROTHY SMITH (KING)</b>
SURVEYED BY	A. S.	1.00 Ac.±
DRAWN BY	D.M.T.	DISTRICT 16-EASTERN NAVAJO AGENCY
APPROVED BY	J.H.	NE 1/4 OF SEC. 17, T16N, R16W, N.M.P.M.
FIELD BOOK NO.	124-43	<u>SPRINGSTEAD, MCKINLEY COUNTY, NEW MEXICO</u>
JOB NUMBER	3348	

5-512  
Approved by the  
Commissioner of Indian Affairs  
September 29, 1961

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF INDIAN AFFAIRS

Contract No. CP-99-16-033

An execution fee of 3% of the annual rental shall be payable annually in advance to the Superintendent pursuant to 25 CFR 166.22.

ATTACH FORM 5-546 FOR  
ON-AND-OFF PERMITS

**GRAZING PERMIT**

(WRITE ALL NAMES IN FULL)

EASTERN NAVAJO  
(Agency)

CHURCH ROCK  
(Grazing Community)

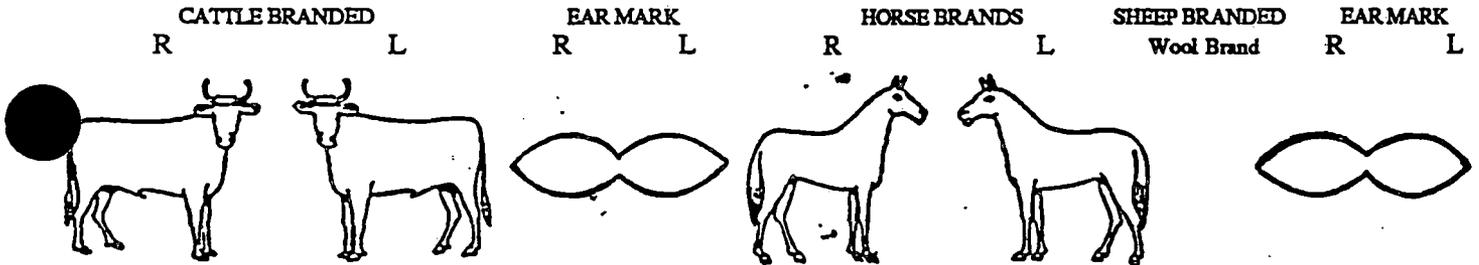
1608-10  
(Range unit number or name)  
NAVAJO  
(Tribe)

By authority of law and under the regulations (25 CFR 166) prescribed by the Secretary of the Interior,  
Howard King, Larry King, Rita J. Grey, Dorothy King (Name of permittee) P.O. Box 65, Church Rock, NM 87311 (Post Office address), is

hereby granted permission to hold and graze livestock on the Trust Indian and Government-owned lands in the foregoing range unit of the said Reservation, a schedule of which is attached and made a part of this permit, for a period beginning OCTOBER 1 94, 19....., and terminating not later than September 30 99, 19 .....

LAND CLASS	NUMBER OF HEAD	KIND OF STOCK	GRAZING SEASON		*ANNUAL RENTAL	
			From—	To—	Amount	Date Payable
Rental Paid.....	.....		10-01-94	09-30-99	\$ 8.90	10-01-94
Allottee Use.....	.....	Sheep			XXXXXX	XXXXXX
On-and-Off.....	.....	Unit			XXXXXX	XXXXXX
Total.....	23	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX

Brands.—Unless authorized by the Superintendent of the Agency in writing, only livestock bearing the brands and marks herein shown shall be grazed under authority of this permit:



Issued at the above Indian Agency this .....1st..... day of October....., 19...94

\*Payment

To: Bureau of Indian Affairs \$.....35.60.....

Tribal Treasurer \$.....

I accept this permit and the attached stipulations.

Witness .....

Vitness .....

**Andy R. Abeita**

(Superintendent)

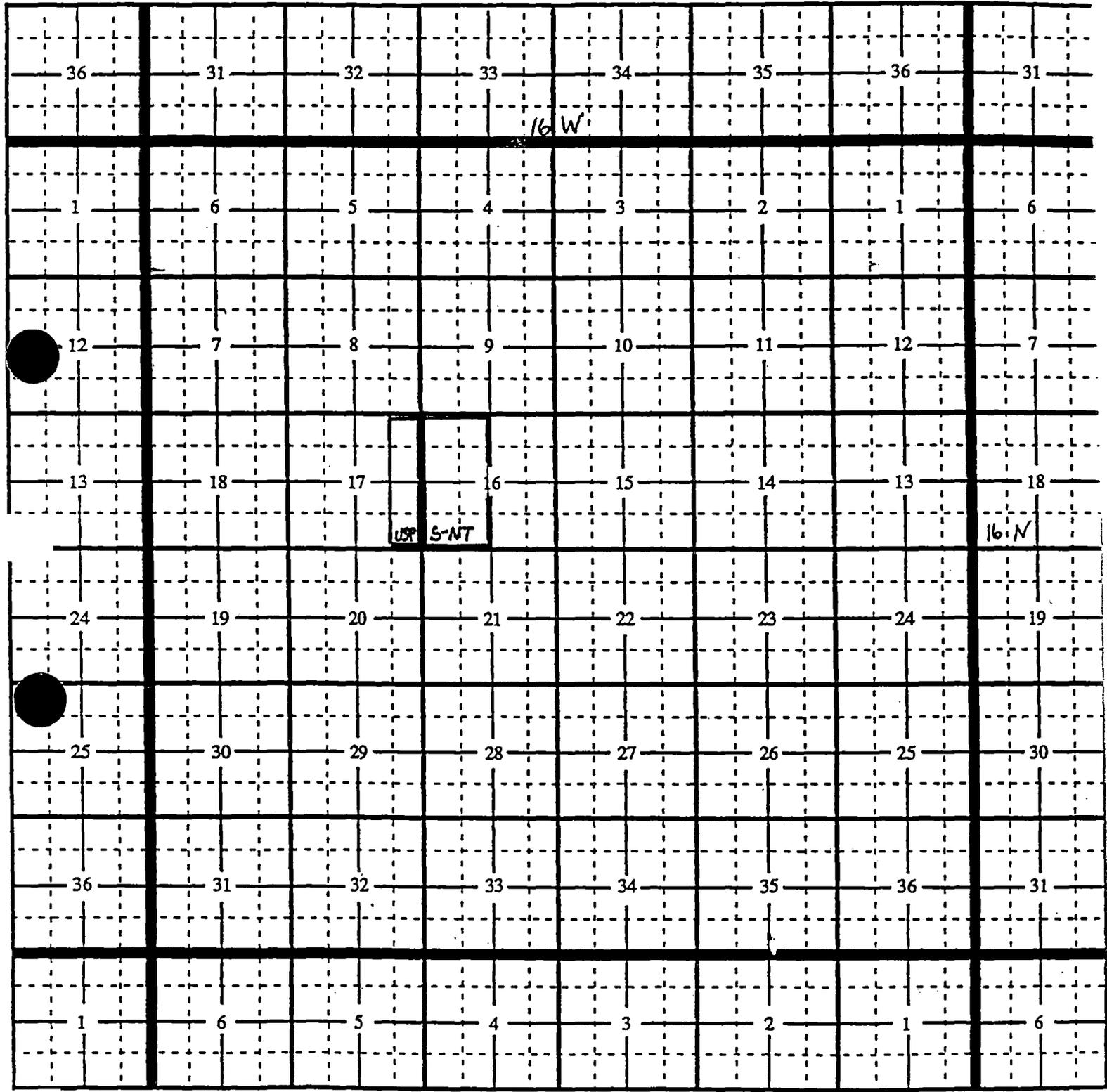
Also by Authority of Off-Reservation Navajo Grazing Code.

(Manager, Ranch and Land Management)

(SEE REVERSE FOR ADDITIONAL TERMS AND CONDITIONS)

Township 16 NORTH County MCKINLEY

Range 16 WEST State NEW MEXICO



mittee(s): Howard King, Larry King, Rita Jean Grey, Dorothy King

Range Unit # 10

Community: Church Rock

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING BOARD PANEL

Before Administrative Judge  
Peter B. Bloch, Presiding Officer

_____	)	
In the Matter of	)	
	)	
HYDRO RESOURCES, INC.	)	Docket No. 40-8968-ML
2929 Coors Road, Suite 101	)	
Albuquerque, NM 87120	)	ASLBP No. 95-706-01-ML
_____	)	

**WRITTEN TESTIMONY OF MITCHELL W. CAPITAN**

On behalf of Eastern Navajo Diné Against Uranium Mining ("ENDAUM") and Southwest Research and Information Center ("SRIC"), Mitchell W. Capitan submits the following testimony regarding the amended application of Hydro Resources Inc. ("HRI") for a source materials license to conduct in situ leach ("ISL") uranium mining at three proposed sites in McKinley County, New Mexico, referred to as the "Crownpoint Uranium Project."

**Q.1. Please state your name.**

**A.1. My name is Mitchell W. Capitan.**

**Q.2. Where do you live?**

**A.2. I am a resident of the Navajo Housing Authority Crownpoint West Mesa housing unit #27, T17N, R13W, Section 19 NW 1/4, where I have lived for the past twenty-eight years.**

**Q.3. What is your occupation?**

**A.3.** I am currently a meter reader employed by the Navajo Tribal Utility Authority. I am also the president of Eastern Navajo Diné Against Uranium Mining ("ENDAUM").

**Q.4. Are you familiar with the Crownpoint Uranium Mining Project proposed by HRI?**

**A.4.** Yes. As the President of ENDAUM, which is a party to this proceeding, I have reviewed many of the documents in the Hearing Record, including the Final Environmental Impact Statement to Construct and Operate the Crownpoint Uranium Solution Mining Project, Crownpoint, New Mexico ("FEIS") (February, 1997) and the Crownpoint Uranium Project Consolidated Operations Plan, ("COP Rev. 2") Revision 2.0 (8/15/97).

**Q.5. Are you familiar with the areas in Crownpoint where HRI proposes to mine uranium?**

**A.5.** I have lived in Crownpoint for twenty-eight years, and I graze livestock west of the town of Crownpoint on Range Unit 48. As a result, I am quite familiar with the lands referred to in the FEIS and the COP as the "Crownpoint" mining site and the "Unit 1" mining site.

**Q.6. Do you practice the traditional Navajo way of life?**

**A.6.** I am a member of the Navajo tribe of Indians. I speak the Navajo language and try to follow the Navajo way of life. I graze livestock on Range Unit 48. I use plants

and herbs from Section 22 and 27 in Crownpoint for traditional medicine and grow food crops of corn and squash on Section 23 NE 1/4. The corn pollen from this corn crop is used in our traditional ceremonies.

**Q.7. Are the areas where you practice Navajo tradition near the Crownpoint or Unit 1 sections of the mining project?**

**A.7.** Yes, the areas are near both the Crownpoint and Unit 1 mining sections, and are within sight of them.

**Q.8. Do you believe your plant gathering and food crop cultivation will be affected by HRI's proposed project?**

**A.8.** Yes. In the Navajo culture, uranium is said to be a source of evil that is best left in the ground. My tradition tells me that once uranium is brought to the surface, the surrounding area is contaminated and the people will be destroyed. If mining begins at Crownpoint or Unit 1, I will no longer be able to use Sections 22 or 27 for plant gathering and food crop cultivation. And, we will not be able to perform ceremonies in those areas.

**Q.9. Would it be possible for you to move away from Crownpoint to avoid the mines?**

**A.9.** No, moving away would be a last resort. I would only do so if I felt there was no other way to protect my children's health. Being away from our home would be a heartbreak for us. The heartbreak would endure as long as we were away.

This land is my home and my family's home on several levels. For one thing, our roots are literally tied to this land. In accordance with Navajo tradition, my family

buries the umbilical cords of our newborns on family land. This custom binds each child to the land where his umbilical cord is buried. This bond with Mother Earth is very important to each of us. It is a Navajo belief that to maintain harmony, a Navajo must live between the four sacred mountains. In my family, we make prayers to these mountains every morning and we feel we are being protected here by the four sacred mountains. My home in Crownpoint is within these mountains, and so my family belongs here. In addition, we live close to our relatives, including clan relatives. It is important to live among your clans; these relatives can help you when you need them. When you live among your relatives, you practice "K'éf", which means you have respect for the deep bonds that exist between one another and that you carry out certain duties to each other. For example, relatives must always help one another, respect one another and acknowledge one another. These relationships are also very important when we conduct our traditional Navajo ceremonies.

Finally, my neighbors and I are buying our homes under a home ownership program, sponsored by Housing and Urban Development ("HUD"). I am looking forward to one day paying off this mortgage and owning my home. If the mining comes this goal will not be meaningful to us anymore.

**Q.10. How is livestock a part of the Navajo culture as you understand it?**

**A.10.** It is an important part of my culture to own livestock. We live off the animals, we have them to fall back on in hard times, and owning them helps to maintain our

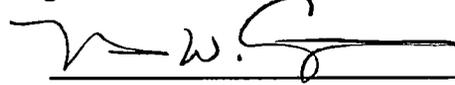
traditions. I know from what my elders have taught me that it is down deep in the roots of the Navajo people to hold any kind of livestock. Something is missing in life when a person does not have livestock. I have felt this way when I did not have a horse. The great value we place on holding livestock goes back, I believe, to the Long Walk of 1864, when Navajos were forced to march to Ft. Sumner, New Mexico, without any livestock, and to the hard years after 1868 when the Navajos returned and the herds were small. Without livestock, we are not free.

**Q.11. Does this conclude your testimony?**

**A.11. Yes.**

**AFFIRMATION**

I declare under penalty of perjury on this 09 day of February, 1999, at Crownpoint, New Mexico, that the foregoing is true and correct.

  
\_\_\_\_\_  
Mitchell W. Capitan

Sworn and subscribed before me, the undersigned, a Notary Public in and for the State of New Mexico, on this 9th day of February, 1999. My Commission expires on 1-13-2003

  
\_\_\_\_\_  
Notary Public



UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

ATOMIC SAFETY AND LICENSING BOARD PANEL

Before Administrative Judge  
Peter B. Bloch, Presiding Officer

_____	)	
In the Matter of	)	
	)	
HYDRO RESOURCES, INC.	)	Docket No. 40-8968-ML
2929 Coors Road, Suite 101	)	
Albuquerque, NM 87120	)	ASLBP No. 95-706-01-ML
	)	
_____	)	

**WRITTEN TESTIMONY OF MAVIS SMITH**

On behalf of Eastern Navajo Dine Against Uranium Mining ("ENDAUM") and Southwest Research and Information Center ("SRIC"), Mavis Smith submits the following testimony regarding the amended application of Hydro Resources, Inc. ("HRI") for a source materials license to conduct in situ leach ("ISL") uranium mining at three proposed sites in McKinley County, New Mexico, referred to as the "Crownpoint Uranium Project."

**Q.1. Please state your name.**

**A.1. My name is Mavis Smith.**

**Q.2. Where do you live?**

**A.2. I live on the Navajo reservation in Brimhall, New Mexico,**

**Q.3. What is your occupation?**

**A.3.** I am presently employed as the Office Manager for ENDAUM. I started working for ENDAUM in September, 1998. Before that, I was a full-time student at the University of New Mexico in Albuquerque, New Mexico. I graduated from the University of New Mexico on May 21, 1998. I have a Bachelor of Arts Degree in Psychology with a Minor in Human Services.

From May 29, 1998 to August 8, 1998, I served as an intern with the U.S. Department of Education, Office of Educational Research and Improvement in Washington. D.C.

**Q.4. Are you a member of the Navajo Tribe?**

**A.4.** Yes.

**Q.5. Do you speak the Navajo language?**

**A.5.** Yes. I am bilingual in Navajo and English.

**Q.6. Are you familiar with the Crownpoint Uranium Mining Project proposed by HRI?**

**A.6.** Yes. I have reviewed the Final Environmental Impact Statement to Construct and Operate the Crownpoint Uranium Solution Mining Project, Crownpoint, New Mexico ("FEIS") (February, 1997) as well as several other documents in the Hearing Record.

**Q.7. Have you performed work related to this proceeding on behalf of ENDAUM?**

**A.7. Yes.**

**Q.8. Please describe the work you have performed.**

**A.8. As the staff person for ENDAUM, I conducted a land use survey in the Church Rock area, under the supervision of Dr. Robert Bullard.**

**Q.9. What was the purpose of the land use survey?**

**A.9. The purpose of the land use survey was to find out how people use the land in the Church Rock area near HRI's proposed uranium mining activities.**

**Q.10. How did you develop the land use survey?**

**A.10. Under the direction of Dr. Robert Bullard, I helped develop a survey which asked people living in the Church Rock area how they use their land, how many animals they own and graze, how and where they obtain water and for what uses, and how long they have lived at their home sites.**

**Q.11. How did you determine which people to interview?**

**A.11. Dr. Bullard determined that the boundaries of the survey area should include the northern portion of Township 16 North, Range 16 West, Section 2; Township 17 North, Range 16 West, Sections 35-36; Township 16 North, Range 16 West, Section 31; Township 15 North, Range 15 West, Sections 1-5; or in other words, an area within a 3 mile radius of the proposed mining project in Church Rock, including the project area itself. Then, based on the inspection of various maps and on my previous**

knowledge of the Church Rock area, I traveled in my own vehicle to all of the homes within those boundaries.

**Q.12. When did you conduct this land use survey?**

**A.12.** I conducted interviews of the Church Rock area residents within the survey area on four days: January 20, January 30, January 31, and February 6, 1999.

**Q.13. What survey methods did use use?**

**A.13.** Dr. Bullard instructed me to conduct the survey as systematically as possible by asking the same questions of everyone, as they appear on the form, and by using the same Navajo language terms whenever I translated the survey into Navajo for Navajo-speaking residents. Generally, I recorded responses on the survey forms, but a few residents filled out their own forms. In recording responses, I sought to be as accurate as possible.

**Q.14. How many surveys did you complete?**

**A.14.** 45.

**Q.15. Are the land use surveys in your possession?**

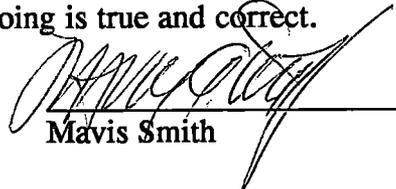
**A.15.** Yes. The completed survey forms are attached to this testimony as Exhibit A.

**Q.16. Does this conclude your testimony?**

**A.16.** Yes.

**AFFIRMATION**

I declare under penalty of perjury on this 9<sup>TH</sup> day of February, 1999, at Corrajo Point, New Mexico, that the foregoing is true and correct.

  
\_\_\_\_\_  
Mavis Smith

Sworn and subscribed before me, the undersigned, a Notary Public in and for the State of New Mexico, on this 9<sup>TH</sup> day of February, 1999. My Commission expires on 10/25/2001.

  
\_\_\_\_\_  
Notary Public

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: 1-20-99 Interviewer MARIE SMITH

Name of Person Interviewed: Jimmy H. Arviso

Mailing Address: P.O. Box 808 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: — W: — cell: —  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Old Church Rock Mine Road, Rural # ~~68~~ 60A

(map of location attached? Yes No )

How long have you lived at this location? All my life - over 60 years  
How long has this land been in your family? All my life - many generations  
How many people are in your family?  1 2 3 4 5 6 more? —

Do you use the land for grazing?  Yes No  
If yes, how many acres are used for grazing? —  
If yes, how many head of livestock do you graze?  
# sheep 70; # cattle —; # horses —; # other dogs 4  
plus goats

Do you use the land for growing crops?  Yes No  
If yes, what kind of crops do you grow? squash, melons, corn, watermelon, beans  
If yes, how many acres are in crops? —

Do you have running water in your home? Yes  No   
What do you use this water for? Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water —

Do you haul water for any purpose?  Yes No  
Where do you get this water? Red Rock State Park

How far away is this? 6 or 7 miles

How often do you haul water? Everyday

How much (in gallons) do you haul at any one time? 50 gallons

What do you use this water for? drinking, cooking, bathing, irrigation, livestock

Describe the quality of this water: good, water is good for cooking

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 1-20-99 Interviewer: Mark Smith

Name of Person Interviewed: Johnny H. Arviso

Mailing Address: Box 265 Church Rock, Nm 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Old Church Rock Rd, Rural 60B

(map of location attached? Yes No )  
How long have you lived at this location? All my life - over 60 years  
How long has this land been in your family? All my life - many generations  
How many people are in your family? 1 2  3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep 10; # cattle -; # horses -; # other \_\_\_\_\_

Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? Vegetables; squash, corn, watermelon, beans  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home? Yes  No   
What do you use this water for?  
Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose?  Yes  No  
Where do you get this water? Red Rock State, Rehoboth and Gallup; we pay for the water.  
How far away is this? 12 miles  
How often do you haul water? Everyday  
How much (in gallons) do you haul at any one time? more 30 gallons  
What do you use this water for? drinking, cooking, bathing, irrigation, livestock  
Describe the quality of this water: Very good; clear

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: 01-30-99 Interviewer Jan 30, 1999 M Smith

Name of Person Interviewed: Tom Arviso and Janice Y. Arviso

Mailing Address: Box 56 Church Rock, New Mexico

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Happy Valley - House # 151B

How long have you lived at this location? (map of location attached? Yes No ) Since Birth, 62 years ago (Tom Arviso) Since 1954 (Janice Y. Arviso)  
How long has this land been in your family? many generations; 5 generations  
How many people are in your family? 1 2 3 4 5 6 more? 10  
grandchildren 9

Do you use the land for grazing?  Yes No 1 mile square  
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep 40; # cattle 0; # horses 0; # other \_\_\_\_\_

Do you use the land for growing crops?  Yes No  
If yes, what kind of crops do you grow? Corn, squash, beans  
If yes, how many acres are in crops? 5 acres

Do you have running water in your home? Yes  No   
What do you use this water for? Drinking? Yes No  
Cooking? Yes No  
Bathing? Yes No  
Irrigation? Yes No  
Livestock? Yes No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose?  Yes No  
Where do you get this water? Church Rock; state Park Red Rock

How far away is this? 7 one way 14 round trip

How often do you haul water? 2 x a week (pay for water)

How much (in gallons) do you haul at any one time? 50 (themselves) 40 gallons (livestock)

What do you use this water for? drinking, cooking, bathing, irrigation, livestock

Describe the quality of this water: Water is okay  
Drink bottle water for sale @ Grocery store.

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-30-99 Interviewer Jan. 30, 1999 MAVIS Smith

Name of Person Interviewed: Sylvia Arviso

Mailing Address: Box 794 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: — W: — cell: —  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Happy Valley - House # 148C

(map of location attached? Yes No )

How long have you lived at this location? 2 long time 56 years since birth to today  
How long has this land been in your family? many generations; ~~that not come from somewhere else~~ great-grandparents  
How many people are in your family? 1 2 3 (4) 5 6 more? grandchildren 6

Do you use the land for grazing?  Yes No  
If yes, how many acres are used for grazing? 1 mile square  
If yes, how many head of livestock do you graze?  
# sheep 21; # cattle 0; # horses 1; # other —  
# goats

Do you use the land for growing crops?  Yes No  
If yes, what kind of crops do you grow? 5 acres corn, squash, corn  
If yes, how many acres are in crops? 5 acres

Do you have running water in your home? Yes  No   
What do you use this water for?  
Drinking? Yes No  
Cooking? Yes No  
Bathing? Yes No  
Irrigation? Yes No  
Livestock? Yes No

Describe the quality of this water

Do you haul water for any purpose? Yes  No  
Where do you get this water? Church Rock, Rehoboth

How far away is this? 8 miles (one way) 16 round trip

How often do you haul water? every two weeks

How much (in gallons) do you haul at any one time? (3) 55 gallons

What do you use this water for? drinking, cooking, bathing, livestock

Describe the quality of this water: not very good, but no other place to get H<sub>2</sub>O  
Rehoboth and Church Rock water is sometimes very dark;  
it's undrinkable, so sometimes buy "bottled drinking water."

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: 1-20-99 Interviewer Mavis Smith

Name of Person Interviewed: William Ariso

Mailing Address: Box 808, Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Old Church Rock Rd, Rural 60C

(map of location attached? Yes  No )

How long have you lived at this location? All his life - over 60 years  
How long has this land been in your family? All his life - many generations  
How many people are in your family? 1 2 3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep 5; # cattle \_\_\_\_\_; # horses \_\_\_\_\_; # other \_\_\_\_\_  
+ goats

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? \_\_\_\_\_  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home? Yes  No   
What do you use this water for? Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose? Yes  No   
Where do you get this water? Red Rock State Park, Rehoboth and Gallup, I am a disable veteran  
How far away is this? along ways, too far, about 13 miles  
How often do you haul water? everyday, it ~~is~~ very hard.  
How much (in gallons) do you haul at any one time? about 20 gallons  
What do you use this water for? Everything; drinking, cooking, washing, etc  
Describe the quality of this water: very good.

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-30-99 Interviewer Jan. 30, 1999 Mous Smith

Name of Person Interviewed: Lorraine Begay + Harvey Begay

Mailing Address: 512 Church Rock, NM

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Taberacle Rd, House 120A

(map of location attached? Yes No )

How long have you lived at this location? since birth, 58 yrs.

How long has this land been in your family? for generations, on my father side

How many people are in your family? 1 2 3 4 5 6 more? 14

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? about 4  
If yes, how many head of livestock do you graze?  
# sheep 17; # cattle 11; # horses 2; # other dog  
# goat

Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? squash, corn, beans  
If yes, how many acres are in crops? 4

Do you have running water in your home? Yes  No   
What do you use this water for? Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose?  Yes  No  
Where do you get this water? Church Rock, Rehoboth, (we pay for the water)

How far away is this? 22 miles

How often do you haul water? two times a week

How much (in gallons) do you haul at any one time? 55 gallons

What do you use this water for? drinking, cooking, bathing, livestock

Describe the quality of this water: good, clean water

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-30-99 Interviewer: Jan. 30, 1999 Mavis Smith

Name of Person Interviewed: Nellie Begay

Mailing Address: P.O. 535 Church Rock, NM

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Red Top Road 74A-B

(map of location attached? Yes No )

How long have you lived at this location? All my life - 72  
How long has this land been in your family? past on from generation  
How many people are in your family? 1 2  3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes No  
If yes, how many acres are used for grazing? 560  
If yes, how many head of livestock do you graze?  
# sheep 45; # cattle 14; # horses 1; # other \_\_\_\_\_  
goat 65

Do you use the land for growing crops?  Yes No  
If yes, what kind of crops do you grow? 3 acres corn, squash, watermelon, cantelope  
If yes, how many acres are in crops? 3 acres

Do you have running water in your home?  Yes No  
What do you use this water for? Drinking?  Yes No  
Cooking?  Yes No  
Bathing?  Yes No  
Irrigation?  Yes No  
Livestock?  Yes No

Describe the quality of this water good water, water is check regularly by NTUA

Do you haul water for any purpose?  Yes No  
Where do you get this water? Tomariano Lake

How far away is this? Roundtrip; 30 miles

How often do you haul water? often

How much (in gallons) do you haul at any one time? 55 gallon x 3

What do you use this water for? Cattle

Describe the quality of this water: good water for livestock

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Split open ground  
holes forming in  
ground

Date of Survey: 1/31/99 Interviewer Mavis Smith

Name of Person Interviewed: Hazel Curbey & Clepus Curbey

Mailing Address: P/O Box 631 Church Rock NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: yes  
If no, do you have access to a telephone near your home? Yes No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Bendanti Triled Rd House # 153C

(map of location attached? Yes  No  )

How long have you lived at this location? life or 37 yrs.

How long has this land been in your family? life

How many people are in your family? 1 2 3 4 5  more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep \_\_\_\_\_; # cattle \_\_\_\_\_; # horses \_\_\_\_\_; # other pig

Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? corn squash tomatoes, radishes  
If yes, how many acres are in crops? 1/2 acres

Do you have running water in your home? Yes  No   
What do you use this water for? Drinking?  Yes  No  
Cooking?  Yes  No  
Bathing?  Yes  No  
Irrigation?  Yes  No  
Livestock?  Yes  No

Describe the quality of this water? hauling water

Do you haul water for any purpose?  Yes  No  
Where do you get this water? Red Rock state park or Bubany  
Lumber Company

How far away is this? Gallup + Church Rock

How often do you haul water? every week

How much (in gallons) do you haul at any one time? unknown

What do you use this water for? Drinking cooking livestock, bathing

Describe the quality of this water: Good

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: 1-20-99 Interviewer Mans Smith

Name of Person Interviewed: Calvin Gray

Mailing Address: Church Rock 87311 P.O. Box 924

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: 863-9543 cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): old church rock mine Road

(map of location attached? Yes  No  )

How long have you lived at this location? Life

How long has this land been in your family? Life

How many people are in your family? 1  2  3  4  5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? 40  
If yes, how many head of livestock do you graze?  
# sheep 30; # cattle 18; # horses 6; # other \_\_\_\_\_

Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? corn  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home? Yes  No   
What do you use this water for? Drinking? Yes  No   
Cooking? ~~Yes~~  No   
Bathing? ~~Yes~~  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose?  Yes  No  
Where do you get this water? church rock

How far away is this? 7 miles

How often do you haul water? once in while

How much (in gallons) do you haul at any one time? 65 gallons

What do you use this water for? drinking water

Describe the quality of this water: clear

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: 1-20-99 Interviewer MAVIS SMITH

Name of Person Interviewed: Jerald R. HOOD

Mailing Address: P.O. Box 804 Church Rock New Mexico 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No  (HRI) Can Provide the (Phone)  
If yes, your phone numbers are: H:      W:      cell:       
If no, do you have access to a telephone near your home?  Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): leave Right across the mine site along Highway 566. On old Church Rock Mine RD.

(map of location attached? Yes No )

How long have you lived at this location? (many yrs. life time)

How long has this land been in your family? life time

How many people are in your family? 1 2 3 4 5  6 more? Big Family

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? 40 acres  
If yes, how many head of livestock do you graze?  
# sheep 14 ; # cattle 19 ; # horses 8 ; # other     

Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? Regional Corn Season  
If yes, how many acres are in crops? 50' wide 200' long

Do you have running water in your home?  Yes  No  
What do you use this water for?  
Drinking?  Yes  No  
Cooking?  Yes  No  
Bathing?  Yes  No  
Irrigation?  Yes  No  
Livestock?  Yes  No

Describe the quality of this water This water is pure good water.

Do you haul water for any purpose?  Yes  No  
Where do you get this water? Across from the mine site for Along 566 Cows and Horses

How far away is this? 1/2 mile south of mine site along 566

How often do you haul water? every two days Summer all the time

How much (in gallons) do you haul at any one time? 1000 gallons

What do you use this water for? Drinking and Cows and Horses

Describe the quality of this water: Right Now the water is safe and clear.

ENDAUM NAVAJO LAND USE-SURVEY

JANUARY 1999

Date of Survey: 1-20-99 Interviewer Mavis Smith

Name of Person Interviewed: Edan Hood

Mailing Address: P.O. Box 804 Churchrock NM 83311

P.O. Box or Street Address

Do you have a telephone in your home? Yes No    
 If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_   
 If no, do you have access to a telephone near your home? Yes No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): 3 mile northeast of Springstead

(map of location attached? Yes No )

How long have you lived at this location? lifetime 39 years   
 How long has this land been in your family? lifetime   
 How many people are in your family? 1 2 3 4 5 6 more?

Do you use the land for grazing? Yes  No   
 If yes, how many acres are used for grazing? \_\_\_\_\_   
 If yes, how many head of livestock do you graze?   
 # sheep 30; # cattle 18; # horses 5; # other \_\_\_\_\_

Do you use the land for growing crops? Yes  No   
 If yes, what kind of crops do you grow? Corn   
 If yes, how many acres are in crops? two acres

Do you have running water in your home? Yes No    
 What do you use this water for? Haul water   
 Drinking? Yes  No   
 Cooking? Yes  No   
 Bathing? Yes  No   
 Irrigation? Yes No   
 Livestock? Yes  No

Describe the quality of this water Haul water from statepark

Do you haul water for any purpose? Yes  No livestock & drinking water   
 Where do you get this water? statepark or Collep

How far away is this? three to nine miles from home   
 How often do you haul water? two to three week for drinking water   
 Every other day for livestock   
 How much (in gallons) do you haul at any one time? 40 gallons for drinking water   
 What do you use this water for? Drinking, cooking, Bathing, Livestock   
 Describe the quality of this water: water for cooking and bathing is good very clear.   
 water for livestock is kind of rusty.

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: 1-20-99 Interviewer Man Smith

Name of Person Interviewed: Beatrice Hood

Mailing Address: P.O. Box 642, Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Old Church Rock Mine Rd. Rural # 102 B

(map of location attached? Yes No )

How long have you lived at this location? a long time, born, raised and still living here, 50 yrs.  
How long has this land been in your family? my grand parents lived here, over 100 yrs  
How many people are in your family? 1 2  3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep \_\_\_\_\_; # cattle 23; # horses \_\_\_\_\_; # other \_\_\_\_\_

During the UIC mining, we lost our sheep and horses. They were killed by trucks (used) from the UIC mining.  
Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? Corn, squash,  
If yes, how many acres are in crops? 1 acre

Do you have running water in your home? Yes  No   
What do you use this water for? Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose?  Yes  No  
Where do you get this water? Gallup

How far away is this? 18 miles round trip

How often do you haul water? 2x a week

How much (in gallons) do you haul at any one time? 1,000 gallons

What do you use this water for? drinking, cooking, bathing, irrigation, livestock

Describe the quality of this water: good

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-30-99 Interviewer Jaw 30, 1999 OJmurt

Name of Person Interviewed: Holland, Julia

Mailing Address: P.O. Box 2654 Gallup 87305

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Happy Valley Road - 136A

(map of location attached? Yes  No )  
How long have you lived at this location? All my life, since birth  
How long has this land been in your family? for many generations  
How many people are in your family?  1 2 3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? 3 acres  
If yes, how many head of livestock do you graze?  
# sheep 70; # cattle \_\_\_\_\_; # horses 1; # other \_\_\_\_\_  
goats

Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? corn, squash, beans  
If yes, how many acres are in crops? 3 acres

Do you have running water in your home? Yes  No   
What do you use this water for?  
Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose?  Yes  No  
Where do you get this water? Church Rock, Red Rock State Park

How far away is this? \_\_\_\_\_

How often do you haul water? 2 x a week

How much (in gallons) do you haul at any one time? 55 gallon

What do you use this water for? drinking, cooking, bathing, irrigation, livestock

Describe the quality of this water: good water

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: 1-20-99 Interviewer N. Smith

Name of Person Interviewed: Marie A. Johnson

Mailing Address:

Bx 241 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes No

If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: 979-3053

If no, do you have access to a telephone near your home? Yes No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Old Church Rock mine Road; Rural # 60D

(map of location attached? Yes No )

How long have you lived at this location? all my life; 54 years

How long has this land been in your family? Over 100 years, past on from generation to gen.

How many people are in your family? 1 2 3 4 (5) 6 more? \_\_\_\_\_

Do you use the land for grazing? (Yes) No

If yes, how many acres are used for grazing? \_\_\_\_\_

If yes, how many head of livestock do you graze?

# sheep 10; # cattle \_\_\_\_\_; # horses 1; # other \_\_\_\_\_

Do you use the land for growing crops? (Yes) No

If yes, what kind of crops do you grow? corn, squash, beans, watermelon

If yes, how many acres are in crops? 4 acres

Do you have running water in your home? Yes (No)

What do you use this water for? Drinking? Yes No

Cooking? Yes No

Bathing? Yes No

Irrigation? Yes No

Livestock? Yes No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose? (Yes) No

Where do you get this water? Red Rock State Park, Rehoboth

Water

How far away is this? about 5 miles

How often do you haul water? Everyday

How much (in gallons) do you haul at any one time? 10 gallons

What do you use this water for? Drinking, cooking, bathing, irrigation, livestock

Describe the quality of this water: Red Rock State Park -> clear, good

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: Jan 30, 1999 Interviewer Mavis Smith

Name of Person Interviewed: Lester and Mary Jim

Mailing Address: Box 704 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Pipeline Rd house # 161

(map of location attached? Yes  No )

How long have you lived at this location? 65 years

How long has this land been in your family? 2 generations

How many people are in your family? 1 2 3 4 5  6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? 1 sq. mile  
If yes, how many head of livestock do you graze?  
# sheep 6; # cattle 4; # horses 0; # other 0  
# goat 2

Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? Corn, Dumkin  
If yes, how many acres are in crops? less than an acre

Do you have running water in your home?  Yes  No  
What do you use this water for?  
Drinking?  Yes  No  
Cooking?  Yes  No  
Bathing?  Yes  No  
Irrigation?  Yes  No  
Livestock?  Yes  No  
Describe the quality of this water good; from Pinedale

Do you haul water for any purpose?  Yes  No  
Where do you get this water? Rehoboth; we pay for the water

How far away is this? 9 1/2 one way to Rehoboth

How often do you haul water? Every other day

How much (in gallons) do you haul at any one time? 25 gallons

What do you use this water for? livestock

Describe the quality of this water: good water; we pay 25¢ to 25¢ gallons

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: Jan 30, 99 Interviewer: Mary Smith

Name of Person Interviewed: Linda Jim

Mailing Address: P.O. Bx 704 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H:            W:            cell:             
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Pipeline Road - House # 161 B

(map of location attached? Yes  No )

How long have you lived at this location? 2 years; always been around

How long has this land been in your family? 2 generations

How many people are in your family? 1  2  3  4  5  6 more?           

Do you use the land for grazing? Yes  No   
If yes, how many acres are used for grazing? 2 huge area  
If yes, how many head of livestock do you graze?  
# sheep ; # cattle ; # horses ; # other           

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? Corn, pumpkin, squash  
If yes, how many acres are in crops? 1/2 acre

Do you have running water in your home? Yes  No   
What do you use this water for?  
Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water good; from Pinedale

Do you haul water for any purpose? Yes  No   
Where do you get this water?           

How far away is this?           

How often do you haul water?           

How much (in gallons) do you haul at any one time?           

What do you use this water for?           

Describe the quality of this water:

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: Jan 31, 1999 Interviewer Mavis Smith

Name of Person Interviewed: Judy King

Mailing Address: P. O. Box 734 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: 722-7218 cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Pipeline Rd house #

(map of location attached? Yes No )

How long have you lived at this location? 33 years

How long has this land been in your family? 2 generations

How many people are in your family? 1 2 3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing? Yes  No   
If yes, how many acres are used for grazing? a large area  
If yes, how many head of livestock do you graze?  
# sheep 5; # cattle 12; # horses 5; # other \_\_\_\_\_  
# goat 3

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? corn, squash, beans  
If yes, how many acres are in crops? 1/2 acre

Do you have running water in your home?  Yes  No  
What do you use this water for?  
Drinking?  Yes  No  
Cooking?  Yes  No  
Bathing?  Yes  No  
Irrigation?  Yes  No  
Livestock?  Yes  No

Describe the quality of this water good

Do you haul water for any purpose? Yes  No   
Where do you get this water? \_\_\_\_\_

How far away is this? \_\_\_\_\_

How often do you haul water? \_\_\_\_\_

How much (in gallons) do you haul at any one time? \_\_\_\_\_

What do you use this water for? \_\_\_\_\_

Describe the quality of this water: \_\_\_\_\_

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-30-99 Interviewer Jan. 30, 1999 Mans Smith

Name of Person Interviewed: Cherlyn Kasuse + Harrison Kasuse

Mailing Address: P.O. 273 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes No  
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell:   
If no, do you have access to a telephone near your home?  Yes No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Tabernacle Rd House 161

(map of location attached? Yes No )

How long have you lived at this location? over a year

How long has this land been in your family? 2 to 3 generations

How many people are in your family? 1 2 3 4  5 6 more? \_\_\_\_\_

Do you use the land for grazing? Yes  No  
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep \_\_\_\_\_; # cattle \_\_\_\_\_; # horses \_\_\_\_\_; # other \_\_\_\_\_

Do you use the land for growing crops?  Yes No  
If yes, what kind of crops do you grow? Corn, squash  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home?  Yes No  
What do you use this water for? Drinking?  Yes No  
Cooking?  Yes No  
Bathing?  Yes No  
Irrigation? Yes  No  
Livestock? Yes  No

Describe the quality of this water Sometimes good and sometimes not, when they are putting in new pipes to other houses

Do you haul water for any purpose? Yes  No

Where do you get this water? \_\_\_\_\_

How far away is this? \_\_\_\_\_

How often do you haul water? \_\_\_\_\_

How much (in gallons) do you haul at any one time? \_\_\_\_\_

What do you use this water for? \_\_\_\_\_

Describe the quality of this water: \_\_\_\_\_

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: January 31 Interviewer: Mona Smith

Name of Person Interviewed: Jennie B. Lewis

Mailing Address: PO Box 141, Churchrock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No

If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_

If no, do you have access to a telephone near your home?  Yes No 863-5442 (message)

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): 4 miles from Old UNO Mine

(map of location attached? Yes No )

How long have you lived at this location? Life

How long has this land been in your family? 3 generations

How many people are in your family? 1 2 3 4 5 6 more? 11

Do you use the land for grazing?  Yes No

If yes, how many acres are used for grazing? 100+

If yes, how many head of livestock do you graze?

# sheep \_\_\_\_\_; # cattle 40; # horses 10; # other \_\_\_\_\_

Do you use the land for growing crops?  Yes No

If yes, what kind of crops do you grow? Corn - alfalfa

If yes, how many acres are in crops? 40

Do you have running water in your home?  Yes No

What do you use this water for? Drinking?  Yes No

Cooking?  Yes No

Bathing?  Yes No

Irrigation? Yes  No

Livestock?  Yes No

Describe the quality of this water okay

Do you haul water for any purpose?  Yes No

Where do you get this water? Gallup, NM

How far away is this? 25 miles approx.

How often do you haul water? weekly

How much (in gallons) do you haul at any one time? 200 gallons

What do you use this water for? Drinking water + livestock

Describe the quality of this water: very good

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

making list

Date of Survey: 01-31-99 Interviewer Mavis Smith

Name of Person Interviewed: Edison Leslie / Lena Leslie

Mailing Address: P.O. Bx <sup>2345</sup>/<sub>245</sub> Gallup, NM 87305

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: 863-8262 cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the <sup>physical</sup> location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): 159A pipe Rd ?

(map of location attached? Yes No )

How long have you lived at this location? 4 years  
How long has this land been in your family? 4 generations  
How many people are in your family? 1 2  3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing? Yes  No   
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep \_\_\_\_\_; # cattle \_\_\_\_\_; # horses \_\_\_\_\_; # other \_\_\_\_\_

Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? Corn, Pumpkin, beans, squash  
If yes, how many acres are in crops? 1/2 acre

Do you have running water in your home?  Yes  No  
What do you use this water for?  
Drinking?  Yes  No  
Cooking?  Yes  No  
Bathing?  Yes  No  
Irrigation?  Yes  No  
Livestock?  Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose?  Yes  No  
Where do you get this water? Gallup

How far away is this? 25 miles (one way)  
How often do you haul water? every day  
How much (in gallons) do you haul at any one time? 7-10 gallons  
What do you use this water for? drinking, cooking, bathing  
Describe the quality of this water: good

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 99 January 31 Interviewer Mavis Smith

Name of Person Interviewed: Triller Lewis

Mailing Address: PO Box 404, Gallup, NM

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: 863-3846 cell: \_\_\_\_\_

If no, do you have access to a telephone near your home?  Yes  No 863-5442 message

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): 4 miles from Old UNC Mine

(map of location attached? Yes No )

How long have you lived at this location? life

How long has this land been in your family? 3 generations

How many people are in your family? 1 2 3 4 5 6 more? 11

Do you use the land for grazing?  Yes  No

If yes, how many acres are used for grazing? 100+

If yes, how many head of livestock do you graze?  
# sheep \_\_\_\_\_; # cattle 40; # horses 10; # other \_\_\_\_\_

Do you use the land for growing crops?  Yes  No

If yes, what kind of crops do you grow? Corn

If yes, how many acres are in crops? 40

Do you have running water in your home?  Yes  No

What do you use this water for? Drinking?  Yes  No

Cooking?  Yes  No

Bathing?  Yes  No

Irrigation?  Yes  No

Livestock?  Yes  No

Describe the quality of this water okay

Do you haul water for any purpose?  Yes  No

Where do you get this water? Gallup, NM

How far away is this? 25 miles approx.

How often do you haul water? Weekly

How much (in gallons) do you haul at any one time? 200 gallons

What do you use this water for? Drinking water + livestock

Describe the quality of this water: Very good

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: Jan. 31, 1999 Interviewer Mavis Smith

Name of Person Interviewed: Marian Livingston

Mailing Address: P.O. Box 412 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Beceati Road; 2 1/2 mile NW Hwy 566 ~~as~~ Highway  
(map of location attached? Yes No )

How long have you lived at this location? more than 40 years  
How long has this land been in your family? 4 generations  
How many people are in your family? 1 2 3 4 5 6 more? 7

Do you use the land for grazing?  Yes No  
If yes, how many acres are used for grazing? 3 sections  
If yes, how many head of livestock do you graze?  
# sheep 15; # cattle —; # horses —; # other — *reduced due to water contamination (UNC spill)*  
Do you use the land for growing crops? Yes No  
If yes, what kind of crops do you grow? In the past not anymore because of dryness!  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home?  Yes No  
What do you use this water for? Drinking?  Yes No  
Cooking?  Yes No  
Bathing?  Yes No  
Irrigation? Yes  No  
Livestock?  Yes No

Describe the quality of this water Sometimes too much Chlorine, it causes the pipes to rust.

Do you haul water for any purpose?  Yes No  
Where do you get this water? rainwater, pond

How far away is this? 100 feet  
How often do you haul water? \_\_\_\_\_  
How much (in gallons) do you haul at any one time? \_\_\_\_\_  
What do you use this water for? Livestock  
Describe the quality of this water: good for livestock

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-31-99 Interviewer Mavis Smith

Name of Person Interviewed: Peter Earl / Rose Livingston

Mailing Address: Box 305 Church Rock, NM 87311  
P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: — W: — cell: yes  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Beccati Road - House #  
Royalty - 82  
(map of location attached? Yes  No )

How long have you lived at this location? 20 years (Earl) Rose Livingston (43 years)  
How long has this land been in your family? 4 generations  
How many people are in your family? 1  2  3  4  5  6 more? —

Do you use the land for grazing? Yes  No   
If yes, how many acres are used for grazing? —  
If yes, how many head of livestock do you graze?  
# sheep —; # cattle —; # horses —; # other —

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? —  
If yes, how many acres are in crops? —

Do you have running water in your home?  Yes  No  
What do you use this water for?  
Drinking?  Yes  No  
Cooking?  Yes  No  
Bathing?  Yes  No  
Irrigation?  Yes  No  
Livestock?  Yes  No

Describe the quality of this water Sometimes good, or rusty, too  
much chlorine

Do you haul water for any purpose? Yes  No   
Where do you get this water? —

How far away is this? —  
How often do you haul water? —  
How much (in gallons) do you haul at any one time? —  
What do you use this water for? —  
Describe the quality of this water: —

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-30-99 Interviewer Mans Smith

Name of Person Interviewed: Alton Livingston

Mailing Address: P.O. Box 412 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Section 16  
Beanti Road, Nose Rock

(map of location attached? Yes  No

How long have you lived at this location? All my life, 36 years  
How long has this land been in your family? 3-4 generations  
How many people are in your family?  1 2 3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? 3 sections  
If yes, how many head of livestock do you graze?  
# sheep \_\_\_\_\_; # cattle \_\_\_\_\_; # horses \_\_\_\_\_; # other \_\_\_\_\_  
# goat

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? \_\_\_\_\_  
If yes, how many acres are in crops? \_\_\_\_\_  
Yes, in the past dryness

Do you have running water in your home?  Yes  No  
What do you use this water for? Drinking?  Yes  No  
Cooking?  Yes  No  
Bathing?  Yes  No  
Irrigation?  Yes  No  
Livestock?  Yes  No

Describe the quality of this water Sometimes, too much chlorine

Do you haul water for any purpose? Yes  No   
Where do you get this water? \_\_\_\_\_

How far away is this? \_\_\_\_\_  
How often do you haul water? \_\_\_\_\_  
How much (in gallons) do you haul at any one time? \_\_\_\_\_  
What do you use this water for? \_\_\_\_\_  
Describe the quality of this water: \_\_\_\_\_

age group  
education level

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-31-99 Interviewer Mans Smith

Name of Person Interviewed: Glenn Y. Livingston / Lorraine Livingston

Mailing Address: Bx 512 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H:                      W:                      cell:                       
If no, do you have access to a telephone near your home?  Yes  No

Village 505 488-6145

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Deceit Road - House 144

(map of location attached? Yes No )

How long have you lived at this location? Since birth 79 years

How long has this land been in your family? 1945 Section 24 (1380)

How many people are in your family? 1 2 3 4 5 6 more? 14

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? 168  
If yes, how many head of livestock do you graze?  
# sheep 100; # cattle                     ; # horses 3; # other                       
# goats 45

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? Too dry; land is contaminated  
If yes, how many acres are in crops?                     

Do you have running water in your home?  Yes  No  
What do you use this water for? Drinking?  Yes  No  
Cooking?  Yes  No  
Bathing?  Yes  No  
Irrigation?  Yes  No  
Livestock?  Yes  No

Describe the quality of this water It's treated water, only for washing purpose

Do you haul water for any purpose?  Yes  No  
Where do you get this water? deep well from Twin Lakes area

How far away is this? about 20 miles (one way)

How often do you haul water? twice a month

How much (in gallons) do you haul at any one time? 80 gallons 160 per month

What do you use this water for? drinking + cooking only

Describe the quality of this water: clean + pure; untreated good water

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-30-99 Interviewer Mavis Smith

Name of Person Interviewed: Ronnie Livingston / Annæ Livingston

Mailing Address: Box 208 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No

If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_

If no, do you have access to a telephone near your home?  Yes  No  
pay phone

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Beceuti Road - House # 144

(map of location attached? Yes No )

How long have you lived at this location? Since birth; life time, 39 years

How long has this land been in your family? 3 generations, and plus

How many people are in your family? 1 2 3  4 5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes No

If yes, how many acres are used for grazing? \_\_\_\_\_

If yes, how many head of livestock do you graze?

# sheep 10; # cattle \_\_\_\_\_; # horses \_\_\_\_\_; # other \_\_\_\_\_  
1 goat 25 Care for other people's livestock

Do you use the land for growing crops? Yes  No

If yes, what kind of crops do you grow? Dryness, no water and land

If yes, how many acres are in crops? \_\_\_\_\_  
Contamination

Do you have running water in your home?  Yes No

What do you use this water for? Drinking? Yes No

Cooking? Yes No

Bathing?  Yes No

Irrigation? Yes No

Livestock? Yes No

Describe the quality of this water Smells like Charline

Do you haul water for any purpose?  Yes No

Where do you get this water? Twin lakes

How far away is this? About 20 miles

How often do you haul water? twice a month

How much (in gallons) do you haul at any one time? 80 gallons

What do you use this water for? drinking, cooking

Describe the quality of this water: good.

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-31-99 Interviewer Mans Smith

Name of Person Interviewed: Wilson, Laurie, ~~Terrie~~ Jay Livingston

Mailing Address: PO Box 463 Church Rock, NM

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No

If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_

If no, do you have access to a telephone near your home? Yes  No   
Aunt - near home

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Brewer Road - 1/2 mile north  
158B

(map of location attached? Yes No )

How long have you lived at this location? More than 50 years

How long has this land been in your family? many generation, 2 generations

How many people are in your family? 1 2 3 4  5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes No

If yes, how many acres are used for grazing? 60

If yes, how many head of livestock do you graze?

# sheep \_\_\_\_\_; # cattle 20; # horses \_\_\_\_\_; # other goat

Do you use the land for growing crops? Yes  No  along time, but not

If yes, what kind of crops do you grow? any more

If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home?  Yes No

What do you use this water for? Drinking?  Yes No

Cooking?  Yes No

Bathing?  Yes No

Irrigation? Yes  No

Livestock? Yes  No

Describe the quality of this water Good, but never ask question  
though, salty water

Do you haul water for any purpose? Yes  No

Where do you get this water? Gallup, Biscany number

How far away is this? 19 miles (one way)

How often do you haul water? once a week

How much (in gallons) do you haul at any one time? 10 gallon

What do you use this water for? drinking, cooking

Describe the quality of this water: Sometimes good, also never  
ask questions

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: Jan. 31, 1999 Interviewer Maris Smith

Name of Person Interviewed: Johanny Livingston

Mailing Address: P.O. Box 142 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Highway 566 House 709

(map of location attached? Yes No )

How long have you lived at this location? about 15 years

How long has this land been in your family? 3 generations

How many people are in your family? 1. 2. 3. 4. 5. 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes No about 12 acres

If yes, how many acres are used for grazing? 2 section

If yes, how many head of livestock do you graze?

# sheep 10; # cattle 4; # horses 4; # other \_\_\_\_\_

# goats 6

Do you use the land for growing crops?  Yes No

If yes, what kind of crops do you grow? Squash, corn, beans,

If yes, how many acres are in crops? 1/2 acre

Do you have running water in your home? Yes  No

What do you use this water for? Drinking? Yes No

Cooking? Yes No

Bathing? Yes No

Irrigation? Yes No

Livestock? Yes No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose?  Yes No

Where do you get this water? Gallup, Crownpoint

How far away is this? Crownpoint - about 47 miles <sup>1 way</sup> Gallup 15 miles <sup>1 way</sup>

How often do you haul water? once a week

How much (in gallons) do you haul at any one time? 600 gallons

What do you use this water for? drinking, cooking, bathing, irrigation, livestock

Describe the quality of this water: Clean water bottled water for drinking + cooking.

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: January 30, 1999 Interviewer Mavis Smith

Name of Person Interviewed: Gloria Livingston

Mailing Address: Box 986 Church Rd, NM

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Beceenti - no house #

(map of location attached? Yes No )

How long have you lived at this location? Since birth 42 years

How long has this land been in your family? 3 generations

How many people are in your family? 1  2  3  4  5  6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? 5 acres  
If yes, how many head of livestock do you graze?  
# sheep 5; # cattle —; # horses —; # other —  
# goat

Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? corn, squash, beans  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home? Yes  No   
What do you use this water for?  
Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water ~~good~~

Do you haul water for any purpose?  Yes  No  
Where do you get this water? Gallup

How far away is this? 9 1/2 one way

How often do you haul water? once a week

How much (in gallons) do you haul at any one time? 55 gallons

What do you use this water for? drinking, cooking, bathing, irrigation, livestock

Describe the quality of this water: good + clean water; not salty

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: January 30, 1999 Interviewer Mavis Smith

Name of Person Interviewed: Jonathan Livingston

Mailing Address: Bx 142 Church Fork, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Brenti Rd - House 54D

(map of location attached? Yes No )  
How long have you lived at this location? Since birth, 66 years  
How long has this land been in your family? 3 generations  
How many people are in your family? 1 2 3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep 42; # cattle \_\_\_\_\_; # horses \_\_\_\_\_; # other \_\_\_\_\_

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? corn squash  
If yes, how many acres are in crops? 1 acre

Do you have running water in your home? Yes  No   
What do you use this water for?  
Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose? Yes  No   
Where do you get this water? Gallup

How far away is this? 9 1/2 mile (one way)

How often do you haul water? 1 x a week

How much (in gallons) do you haul at any one time? 250 gallons

What do you use this water for? drinking, cooking, bathing, irrigation, livestock

Describe the quality of this water: good water from Gallup

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: Jan 30, 1999 Interviewer: Mans Smith

Name of Person Interviewed: Marilyn Livingston

Mailing Address: P.O. Box 142 Church Rock, NM 81311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Beenti Rd - House 54B

(map of location attached? Yes No )  
How long have you lived at this location? a long time since birth, 61 years  
How long has this land been in your family? many years; 3 generations  
How many people are in your family? 1 2 3  4 5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep 42; # cattle \_\_\_\_\_; # horses \_\_\_\_\_; # other \_\_\_\_\_  
# goat 1;

Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? Corn, squash  
If yes, how many acres are in crops? 1 acre

Do you have running water in your home? Yes  No   
What do you use this water for? Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose? Yes  No   
Where do you get this water? Gallup

How far away is this? 9 1/2 miles (one way)

How often do you haul water? once a week

How much (in gallons) do you haul at any one time? 250 gallons

What do you use this water for? drinking, cooking, bathing, irrigation, livestock

Describe the quality of this water: good water from Gallup

shaft. livestock grazing  
holes,

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01.31.99 Interviewer Mavis Smith

Name of Person Interviewed: Sara Montoya

Mailing Address:  
P.O. Box 404 Gallup, N.M. 87305-0404  
P.O. Box or Street Address

Do you have a telephone in your home? Yes No  
If yes, your phone numbers are: H: 722-4117 W: 722-4411 cell: 469-2858  
If no, do you have access to a telephone near your home? Yes, (No)

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.):  
Standing Rock, chapter  
(map of location attached? Yes No )

How long have you lived at this location? Life  
How long has this land been in your family? 3 generations  
How many people are in your family? 1 2 3 4 5 6 more? 40

Do you use the land for grazing? (Yes) No  
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep 15; # cattle 25; # horses 5; # other \_\_\_\_\_

Do you use the land for growing crops? Yes (No)  
If yes, what kind of crops do you grow? \_\_\_\_\_  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home? (Yes) No  
What do you use this water for? Drinking? (Yes) No  
Cooking? (Yes) No  
Bathing? (Yes) No  
Irrigation? Yes (No)  
Livestock? Yes (No)  
Describe the quality of this water OKay

Do you haul water for any purpose? (Yes) No  
Where do you get this water? Gallup, Churchrock, Crownpoint

How far away is this? 30 or more  
How often do you haul water? daily  
How much (in gallons) do you haul at any one time? 100 gallons  
What do you use this water for? drinking, cooking, horses & cattle  
Describe the quality of this water: salty, hardwater

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Want to  
hear from  
us

Date of Survey: Jan 31, 1999 Interviewer Mavis Smith

Name of Person Interviewed: Alfred / Vera Murphy

Mailing Address: P.O. Box 358 Church Rock NM

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: NO W:  cell: 870-0467  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): #163 Pipeline Rd - Rural address  
downwind from UAC tailing.

(map of location attached? Yes No )

How long have you lived at this location? Alfred - all my life; 30 Vera: 10 years

How long has this land been in your family? 3 generations

How many people are in your family? 1 2 3 4  5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes No  
If yes, how many acres are used for grazing? 1 mile square mile  
If yes, how many head of livestock do you graze?  
# sheep \_\_\_\_\_; # cattle 20; # horses 3; # other 1 Shelton  
# goat

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? \_\_\_\_\_  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home?  Yes No  
What do you use this water for? Drinking?  Yes No  
Cooking?  Yes No  
Bathing?  Yes No  
Irrigation?  Yes No  
Livestock?  Yes No

Describe the quality of this water good water

Do you haul water for any purpose?  Yes No  
Where do you get this water? Windmill; nearby

How far away is this? 1/2 a mile A/quarter of a mile

How often do you haul water? twice a week

How much (in gallons) do you haul at any one time? 100 gallon in a week

What do you use this water for? horses

Describe the quality of this water: just for livestock purpose

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: Jan 31, 1999 Interviewer: Mavis Smith

Name of Person Interviewed: Elsie Leslie / Ray Murphy  
grandson

Mailing Address: P.O. Box 703 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Local Canyon Rd 187D

(map of location attached? Yes No )

How long have you lived at this location? 80 years  
How long has this land been in your family? 3 generation  
How many people are in your family?  1 2 3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes No  
If yes, how many acres are used for grazing? 3 miles square  
If yes, how many head of livestock do you graze?  
# sheep 23; # cattle 500; # horses 500; # other \_\_\_\_\_  
# goat 2

Do you use the land for growing crops?  Yes No  
If yes, what kind of crops do you grow? corn, pumpkin, potatoes  
If yes, how many acres are in crops? 1 acre

Do you have running water in your home?  Yes No  
What do you use this water for?  
Drinking?  Yes No  
Cooking?  Yes No  
Bathing?  Yes No  
Irrigation? Yes  No  
Livestock? Yes  No

Describe the quality of this water Clean from the date

Do you haul water for any purpose?  Yes No  
Where do you get this water? Rehoboth

How far away is this? 10 miles one way

How often do you haul water? Once a week

How much (in gallons) do you haul at any one time? 2 barrels

What do you use this water for? livestock, horses, cattle, sheep

Describe the quality of this water: good; also drinkable

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: Jan 30, 1998 Interviewer: Mavis Smith

Name of Person Interviewed: Annie Nez / Alfred Nez

Mailing Address: P.O. Box 703 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: 722-3876 cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Pipeline Rd 187c

(map of location attached? Yes No )

How long have you lived at this location? All my life; over 50 years

How long has this land been in your family? 3 generations or more

How many people are in your family? 1 2 3  4 5 6 more? 7 including 2 grandchildren

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep 50; # cattle 75; # horses 3; # other \_\_\_\_\_  
# goat \_\_\_\_\_

Do you use the land for growing crops?  Yes  No  
If yes, what kind of crops do you grow? Corn, squash  
If yes, how many acres are in crops? 1 acre

Do you have running water in your home?  Yes  No  
What do you use this water for?  
Drinking?  Yes  No  
Cooking?  Yes  No  
Bathing?  Yes  No  
Irrigation?  Yes  No  
Livestock?  Yes  No

Describe the quality of this water good

Do you haul water for any purpose?  Yes  No  
Where do you get this water? Sometimes from Gallup, nearby Windmill

How far away is this? Gallup 20 miles / Windmill 1/2 mile

How often do you haul water? twice a week

How much (in gallons) do you haul at any one time? 50 gallons

What do you use this water for? horses

Describe the quality of this water: \_\_\_\_\_

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: Jan 31, 1999 Interviewer Mavis Smith

Name of Person Interviewed: Atta Yazzie / Delbert Antonio / Billy Yazzie

Mailing Address: Box 748 Church Rock, NM

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Local Canyon Rd #

(map of location attached? Yes No )

How long have you lived at this location? 65 years  
How long has this land been in your family? 3 generations  
How many people are in your family? 1 2 3 4 5  6 more? 10

Do you use the land for grazing?  Yes No  
If yes, how many acres are used for grazing? \_\_\_\_\_  
If yes, how many head of livestock do you graze?  
# sheep 0; # cattle 0; # horses 0; # other 0  
goat 0;

Do you use the land for growing crops?  Yes  No No!  
If yes, what kind of crops do you grow? \_\_\_\_\_  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home? Yes  No   
What do you use this water for?  
Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose?  Yes No  
Where do you get this water? Rehoboth

How far away is this? 11 miles (one way)

How often do you haul water? every week

How much (in gallons) do you haul at any one time? 2 gallon

What do you use this water for? drinking, cooking, bathing, cleaning

Describe the quality of this water: Clean Water

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-30-99 Interviewer: Jan 30, 1999 MAVIS SMITH

Name of Person Interviewed: Roger Williams

Mailing Address: P. 653 Jay Street, Gallup, NM

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No Dead Horse Thrift store

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Happy Valley Rd 120

(map of location attached? Yes No)  
How long have you lived at this location? All my life; over 45 years  
How long has this land been in your family? many generations; 2 generation  
How many people are in your family? 1 2 3 4  5 6 more? \_\_\_\_\_

Do you use the land for grazing? Yes  No   
If yes, how many acres are used for grazing? 5 acres  
If yes, how many head of livestock do you graze?  
# sheep 3; # cattle 2; # horses 1; # other \_\_\_\_\_  
# goats 0

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? Corn, squash, beans, apple, pear, plum, grape, apricots, tree  
If yes, how many acres are in crops? 5 acres

Do you have running water in your home? Yes  No   
What do you use this water for?  
Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose? Yes  No   
Where do you get this water? Bibany Lumber Church Rock State Park, Rehoboth Christian School

How far away is this? 8 or 9 miles (one way)

How often do you haul water? once a week; sometime 2x a week

How much (in gallons) do you haul at any one time? 250 gallons

What do you use this water for? Drinking, cooking, bathing, irrigation, livestock

Describe the quality of this water: 0-70; it's about 5

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: 01-30-99 Interviewer Jan. 30, 1999 Mavis Smith

Name of Person Interviewed: Tom Williams and Ann Williams

Mailing Address: P.O. Box 2654 Gallup, NM 87305  
P.O. Box or Street Address

Do you have a telephone in your home? Yes  No

If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_

If no, do you have access to a telephone near your home? Yes No Deerhorse Thrift Store

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Happy Valley B6A

(map of location attached? Yes No )

How long have you lived at this location? Tom Williams <sup>or</sup> 50 - Ann Williams - over

How long has this land been in your family? many generations; past or from grandparents

How many people are in your family? 1  2  3  4  5  6 more? over

Do you use the land for grazing?  Yes  No

If yes, how many acres are used for grazing? 3 acres

If yes, how many head of livestock do you graze?

# sheep 70; # cattle \_\_\_\_\_; # horses 1; # other \_\_\_\_\_  
goat

Do you use the land for growing crops?  Yes  No

If yes, what kind of crops do you grow? corn, squash, beans

If yes, how many acres are in crops? 3 acres

Do you have running water in your home? Yes  No

What do you use this water for? Drinking? Yes No

Cooking? Yes No

Bathing? Yes No

Irrigation? Yes No

Livestock? Yes No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose?  Yes  No

Where do you get this water? Church Rock, Red Rock State Park

How far away is this? \_\_\_\_\_

How often do you haul water? 2x a week

How much (in gallons) do you haul at any one time? 155 gallon

What do you use this water for? Drinking, cooking, Bathing, Irrigation, livestock

Describe the quality of this water: good water; taste good

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: Jan 31, 1999 Interviewer Moms Smith

Name of Person Interviewed: Jerry Whitlock

Mailing Address: P.O. Box 478 Church Rock, NM

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No  505 786-584

If yes, your phone numbers are: H: \_\_\_\_\_ W: 505 786-584 cell: \_\_\_\_\_

If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): Pipeline Rd House 201

How long have you lived at this location? (map of location attached? Yes No ) All my life; 51 years

How long has this land been in your family? 3 generations

How many people are in your family? 1 2 3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No

If yes, how many acres are used for grazing? a large area

If yes, how many head of livestock do you graze?

# sheep 3; # cattle 23; # horses 7; # other 0

Do you use the land for growing crops? Yes  No

If yes, what kind of crops do you grow? \_\_\_\_\_

If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home?  Yes  No

What do you use this water for? Drinking?  Yes  No

Cooking?  Yes  No

Bathing?  Yes  No

Irrigation?  Yes  No

Livestock?  Yes  No

Describe the quality of this water It's hard water

Do you haul water for any purpose?  Yes  No

Where do you get this water? Sometimes from Gallup or nearby Windmill

How far away is this? Gallup; 20 miles (oneway) Windmill (1/2 mile)

How often do you haul water? Once a week

How much (in gallons) do you haul at any one time? 50 gallons

What do you use this water for? livestock

Describe the quality of this water: Gallup water is okay; treated

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: Jan 31, 1999 Interviewer Mona Smith

Name of Person Interviewed: Lucille Whitrock

Mailing Address: P.O. Box 478 Church Rock, NM

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H:        W:  cell:         
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): 3 miles (Pipeline Rd House 201A)

(map of location attached? Yes No )

How long have you lived at this location? All my life; over 30 years  
How long has this land been in your family? 3 generations  
How many people are in your family? 1 2 3 4  5 6 more?       

age group 13-51

Do you use the land for grazing? Yes  No   
If yes, how many acres are used for grazing? a large area  
If yes, how many head of livestock do you graze?  
# sheep 3; # cattle 20; # horses 7; # other         
# goat       

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow?         
If yes, how many acres are in crops?       

Do you have running water in your home?  Yes  No  
What do you use this water for? Drinking?  Yes  No  
Cooking?  Yes  No  
Bathing?  Yes  No  
Irrigation?  Yes  No  
Livestock?  Yes  No

Describe the quality of this water It's pretty good; hard

Do you haul water for any purpose? Yes  No   
Where do you get this water? Sometimes from Gallup, or  
Windmill

How far away is this? Gallup 20 miles one way Windmill 1/2 mile

How often do you haul water? once a week

How much (in gallons) do you haul at any one time? 50 gallons

What do you use this water for? livestock

Describe the quality of this water: Gallup; treated

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: February 6, 1999 Interviewer Mavis Smith

Name of Person Interviewed: Larry J. King

Mailing Address: P.O. Box 2197 Gallup, NM

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: 726-2520 cell: 870-0671  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): 7 miles north on State Rd 566

(map of location attached? Yes No )

How long have you lived at this location? lifetime  
How long has this land been in your family? more than 80  
How many people are in your family? 1 2 3 4 5 6 more? \_\_\_\_\_

Do you use the land for grazing? Yes No  
If yes, how many acres are used for grazing? 40  
If yes, how many head of livestock do you graze?  
# sheep 0; # cattle 10; # horses 0; # other 0

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? \_\_\_\_\_  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home? Yes  No   
What do you use this water for?  
Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose? Yes  No   
Where do you get this water? Red Rock State Park or Gallup

How far away is this? 30 (round way)

How often do you haul water? once a week

How much (in gallons) do you haul at any one time? 30 gallons (domestic use) 400 gallons (animals)

What do you use this water for? drinking, cooking, bathing

Describe the quality of this water: good

Summer changes - more water is used

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: February 6, 1999 Interviewer Mavis Smith

Name of Person Interviewed: Dorothy King

Mailing Address: P.O. Box 5296 Gallup, NM 87305

P.O. Box or Street Address

Do you have a telephone in your home?  Yes  No MS  
If yes, your phone numbers are: H: \_\_\_\_\_ W: 722-1492 cell: yes  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): 7 miles north on State Rd 566

(map of location attached? Yes No )

How long have you lived at this location? lifetime  
How long has this land been in your family? 80 years and more  
How many people are in your family? 1 2 3  4 5  more? \_\_\_\_\_

Do you use the land for grazing?  Yes  No  
If yes, how many acres are used for grazing? 480 acres  
If yes, how many head of livestock do you graze?  
# sheep 0; # cattle 5; # horses 1; # other 0

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? \_\_\_\_\_  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home? Yes  No   
What do you use this water for?  
Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water \_\_\_\_\_

Do you haul water for any purpose? Yes  No   
Where do you get this water? Red Rock State Park

How far away is this? 14 miles (round trip)  
How often do you haul water? twice a week  
How much (in gallons) do you haul at any one time? 50 gallons  
What do you use this water for? drinking, cooking, bathing  
Describe the quality of this water: good

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: February 6, 1999 Interviewer: Mavis Smith

Name of Person Interviewed: Rita J. Grey

Mailing Address: P.O. Box 148 Rehoboth, NM 87322

P.O. Box or Street Address

Do you have a telephone in your home?  Yes No  
If yes, your phone numbers are: H: — W: Yes cell: Yes  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): 7 miles north on State Rd 566

(map of location attached? Yes No )

How long have you lived at this location? lifetime  
How long has this land been in your family? more than 50 years  
How many people are in your family? 1 2 3 4  5 6 more? —

Do you use the land for grazing?  Yes No  
If yes, how many acres are used for grazing? 480  
If yes, how many head of livestock do you graze?  
# sheep 0; # cattle 10; # horses 1; # other 3 dogs

Do you use the land for growing crops? Yes  No  
If yes, what kind of crops do you grow? —  
If yes, how many acres are in crops? —

Do you have running water in your home? Yes  No  
What do you use this water for? Drinking? Yes No  
Cooking? Yes No  
Bathing? Yes No  
Irrigation? Yes No  
Livestock? Yes No

Describe the quality of this water —

Do you haul water for any purpose?  Yes No  
Where do you get this water? Rehoboth

How far away is this? 12 (one way)

How often do you haul water? 3 x a week

How much (in gallons) do you haul at any one time? 50-400 (addition for livestock)

What do you use this water for? drinking, cooking, bathing, livestock

Describe the quality of this water: good

ENDAUM NAVAJO LAND USE SURVEY  
JANUARY 1999

Date of Survey: February 6, 1999 Interviewer Maris Smith

Name of Person Interviewed: Irene Eskeets

Mailing Address: P.O. Box 308 Church Rock, NM 87311

P.O. Box or Street Address

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_

If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): 7 miles north of Church Rock

(map of location attached? Yes No )

How long have you lived at this location? life time

How long has this land been in your family? life time

How many people are in your family? 1  2  3  4  5  6 more? \_\_\_\_\_

Do you use the land for grazing? Yes  No   
If yes, how many acres are used for grazing? \_\_\_\_\_

If yes, how many head of livestock do you graze?  
# sheep \_\_\_\_\_; # cattle \_\_\_\_\_; # horses \_\_\_\_\_; # other \_\_\_\_\_

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? \_\_\_\_\_

If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home?  Yes  No  
What do you use this water for? Drinking?  Yes  No  
Cooking?  Yes  No  
Bathing?  Yes  No  
Irrigation?  Yes  No  
Livestock?  Yes  No

Describe the quality of this water Tastes funny

Do you haul water for any purpose?  Yes  No

Where do you get this water? City of Gallup

How far away is this? 30 miles round trip

How often do you haul water? once a week

How much (in gallons) do you haul at any one time? 20 gallons

What do you use this water for? drinking and cooking

Describe the quality of this water: good

ENDAUM NAVAJO LAND USE SURVEY

JANUARY 1999

Date of Survey: February 6, 1999 Interviewer Maria Smith

Name of Person Interviewed: Louis and Bessie Esket

Mailing Address: \_\_\_\_\_

P.O. Box or Street Address \_\_\_\_\_

Do you have a telephone in your home? Yes  No   
If yes, your phone numbers are: H: \_\_\_\_\_ W: \_\_\_\_\_ cell: \_\_\_\_\_  
If no, do you have access to a telephone near your home? Yes  No

What is the location of your home? (describe by T-R-S, nearest highway, distance from Chapter House, etc.): \_\_\_\_\_

(map of location attached? Yes  No )  
How long have you lived at this location? life time; 75 years  
How long has this land been in your family? life time  
How many people are in your family? 1  2  3  4  5  6 more? \_\_\_\_\_

Do you use the land for grazing? Yes  No   
If yes, how many acres are used for grazing? 320 acres  
If yes, how many head of livestock do you graze?  
# sheep 20; # cattle \_\_\_\_\_; # horses \_\_\_\_\_; # other \_\_\_\_\_

Do you use the land for growing crops? Yes  No   
If yes, what kind of crops do you grow? \_\_\_\_\_  
If yes, how many acres are in crops? \_\_\_\_\_

Do you have running water in your home? Yes  No   
What do you use this water for? Drinking? Yes  No   
Cooking? Yes  No   
Bathing? Yes  No   
Irrigation? Yes  No   
Livestock? Yes  No

Describe the quality of this water taste funny; too much chlorine

Do you haul water for any purpose? Yes  No   
Where do you get this water? gallup

How far away is this? 30 miles

How often do you haul water? Monthly - weekly

How much (in gallons) do you haul at any one time? 50 gallons

What do you use this water for? drinking, cooking

Describe the quality of this water: good