

Nichols Ranch ISR Project U.S.N.R.C Source Material License Application

Volume IV

Appendices A-C, D1, & D2



Uranerz Energy Corporation
PO Box 50850
Casper, WY 82605-0850
307-265-8900

November 2007

APPENDIX A
OWNERS OF RECORD OF SURFACE
AND MINERAL RIGHTS WITHIN THE PERMIT AREA
(NICHOLS RANCH AND HANK UNIT AREAS)

**APPENDIX A
OWNERS OF RECORD OF SURFACE
AND MINERAL RIGHTS WITHIN THE PERMIT AREA
(NICHOLS RANCH UNIT AREA)**

Township 43 North, Range 76 West 6th PM Section 7: SE/4SE/4; Section 18: E/2NE/4	
SURFACE OWNER:	BETTY LOU PAYNE 1613 Westminster Road Roanoke, Texas 76262 KENNETH ZINK REVOCABLE TRUST CONSTANCE AND LAWRENCE ZINK, CO-TRUSTEES 758 North Tree Top Lane Springfield, Missouri 65802
MINERAL OWNER: All Minerals including coal, oil and gas, and uranium	BETTY LOU PAYNE & DONALD PAYNE 1613 Westminster Road Roanoke, Texas 76262 KENNETH ZINK REVOCABLE TRUST CONSTANCE AND LAWRENCE ZINK, CO-TRUSTEES 758 North Tree Top Lane Springfield, Missouri 65802
LEASE OWNER: (oil & gas)	LANCE OIL & GAS COMPANY 1099 – 18 th Street, # 1200 Denver, Colorado 80202 WILLIAMS PRODUCTION RMT 1515 Arapaho Street, Tower 3, #1000 Denver, Colorado 80202
OVERRIDING ROYALTY INTEREST:	LANCE OIL & GAS COMPANY 1099 – 18 th Street, # 1200 Denver, Colorado 80202 WILLIAMS PRODUCTION RMT 1515 Arapaho Street, Tower 3, #1000 Denver, Colorado 80202
LEASE OWNER: (uranium)	URANERZ ENERGY CORP. 1701 East "E" Street Casper, Wyoming 82601
Township 43 North, Range 76 West 6th PM Section 8: S/2SW/4; Section 17: S/2NE/4, W/2SE/4; W/2	
SURFACE OWNER:	T-CHAIR LAND COMPANY 1026 Brown Road Gillette, Wyoming 82718

MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
All Locatable Minerals, including Uranium	URANERZ ENERGY CORP. 1701 East "E" Street Casper, Wyoming 82601
LEASE OWNER: (oil & gas)	NANCE PETROLEUM CORP. P.O. Box 7168 Billings, Montana 59103
<p align="center">Township 43 North, Range 76 West 6th PM Section 8: S/2SE/4; Section 17: N/2NE/4, E/2SE/4; Section 20: N/2NW/4, N/2NE/4;</p>	
SURFACE OWNER:	T-CHAIR LAND COMPANY 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: Minerals including coal, oil and gas	FRANKLIN BROWN 1024 Brown Road Gillette, Wyoming 82718 KRISTY MANKIN No address available MARY LEHRER LIVING TRUST LAWRENCE LEHRER, TRUSTEE No address available PATRICIA CLARK 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: (uranium)	POWER RESOURCES, INC. P.O. Box 1210 Glenrock, Wyoming 82637
LEASE OWNER: (oil & gas)	TOM BROWN, INC P.O. Box 6526 Englewood, Colorado 80155 A.A. ENERGY COMPANY 999-18 th Street Denver, Colorado 80202 ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251 BARRETT RESOURCES, INC. 1515 Arapaho Street, Tower 3, #1000 Denver, Colorado 80202

**OVERRIDING ROYALTY
INTEREST:**

LANCE OIL & GAS COMPANY
1099 – 18th Street, #1200
Denver, Colorado 80202

WYOMING RESOURCES CORP.
1508 Mountain View Road, #105
Rapid City, South Dakota 57702

TOM BROWN, INC.
P.O. Box 6526
Englewood, Colorado 80155

A.A. ENERGY COMPANY
999-18th Street
Denver, Colorado 80202

ANADARKO PETROLEUM COMP.
P.O. Box 1330
Houston, Texas 77251

BARRETT RESOURCES, INC.
1515 Arapaho Street, Tower 3, #1000
Denver, Colorado 80202

LANCE OIL & GAS COMPANY
1099 – 18th Street, #1200
Denver, Colorado 80202

WYOMING RESOURCES CORP.
1508 Mountain View Road, #105
Rapid City, South Dakota 57702

BIG WEST OIL & GAS CORP.
1104 Country Hills Drive
Ogden, Utah 84403

**Township 43 North, Range 76 West 6th PM
Section 18: NE/4SE/4**

SURFACE OWNER:

T-CHAIR LAND COMPANY
1026 Brown Road
Gillette, Wyoming 82718

MINERAL OWNER:

**All Leasable Minerals, including
Coal, Oil and Gas**

UNITED STATES OF AMERICA
Bureau of Land Management
P.O. Box 1828
Cheyenne, Wyoming 82003

**All Locatable Minerals, including
Uranium**

UNITED STATES OF AMERICA
Bureau of Land Management
P.O. Box 1828
Cheyenne, Wyoming 82003

**LEASE OWNER:
(oil & gas)**

NANCE PETROLEUM CORP.
P.O. Box 7168
Billings, Montana 59103

**APPENDIX A
OWNERS OF RECORD OF SURFACE
AND MINERAL RIGHTS WITHIN THE PERMIT AREA
(HANK UNIT AREA)**

Township 44 North, Range 75 West 6th PM Section 30: Lot 14 (NW/4SE/4); Lot 15 (NE/4SW/4); Lot 17 (SW/4SW/4); Lot 19 (SW/4SE/4)	
SURFACE OWNER:	T-CHAIR Land Company, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All Minerals including oil and gas, and uranium	KEVIN PFISTER 9002 Newburgh Drive Houston, Texas 77095 MICHAEL PFISTER 262 Braeshire Drive Ballwin, Missouri 63021 NEAL PFISTER 26268 7 TH Avenue Parkway Denver, Colorado 80206 WILLIAM JAMES PFISTER & CHERYL ANN PFISTER, TRUSTEES 2502 Addison Avenue Scottsbluff, Nebraska 69361 ELLBOGEN PROPERTY MGT P.O. Box 1928 Casper, Wyoming 82602 ROBERT J. CONAGHAN No address available EDWARD E. YOUNG & MRYNA YOUNG No address available G.P. INDUSTRIES, INC 5370 North Hayden Road, Ste 123 Scottsdale, Arizona 85251 ROBERT & DONNA HAYS No address available
MINERAL OWNER: (coal)	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003

LEASE OWNER: (oil & gas)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
OVERRIDING ROYALTY INTEREST:	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
LEASE OWNER: (coal bed methane)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
Township 44 North, Range 75 West 6th PM Section 30: Lot 16 (NW/4SW/4); Lot 18 (SE/4SW/4)	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
All Locatable Minerals, including Uranium	POWER RESOURCES, INC. 274 Union Blvd, Ste 310 Lakewood, Colorado 80228
LEASE OWNER: (oil & gas)	ANADARKO PETROLEUM COMP. 1201 Lake Robbins Drive The Woodlands, Texas 77380
LEASE OWNER: (coal bed methane)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
Township 44 North, Range 75 West 6th PM Section 31: Lot 5 (NE/4NE/4);	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All minerals including oil and gas, and Uranium	KEVIN PFISTER 9002 Newburgh Drive Houston, Texas 77095 MICHAEL PFISTER 262 Braeshire Drive Ballwin, Missouri 63021

	NEAL PFISTER 26268 7 TH Avenue Parkway Denver, Colorado 80206 WILLIAM JAMES PFISTER & CHERYL ANN PFISTER, TRUSTEES 2502 Addison Avenue Scottsbluff, Nebraska 69361 ELLBOGEN PROPERTY MGT P.O. Box 1928 Casper, Wyoming 82602 ROBERT J. CONAGHAN No address available EDWARD E. YOUNG & MRYNA YOUNG No address available G.P. INDUSTRIES, INC 5370 North Hayden Road, Ste 123 Scottsdale, Arizona 85251 ROBERT & DONNA HAYS No address available
MINERAL OWNER: (coal)	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
LEASE OWNER: (oil & gas)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
OVERRIDING ROYALTY INTEREST:	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
LEASE OWNER: (coal bed methane)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
Township 44 North, Range 75 West 6th PM Section 31: Lot 8 (NW/4NW/4); Lot 9 (SW/4NW/4); Lot 16 (NW/4SW/4); Lot 17 (SW/4SW/4);	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718

MINERAL OWNER:

All minerals including oil and gas,
and
Uranium

KEVIN PFISTER

9002 Newburgh Drive
Houston, Texas 77095

MICHAEL PFISTER

262 Braeshire Drive
Ballwin, Missouri 63021

NEAL PFISTER

26268 7TH Avenue Parkway
Denver, Colorado 80206

WILLIAM JAMES PFISTER &
CHERYL ANN PFISTER, TRUSTEES

2502 Addison Avenue
Scottsbluff, Nebraska 69361

ELLBOGEN PROPERTY MGT

P.O. Box 1928
Casper, Wyoming 82602

ROBERT J. CONAGHAN

No address available

EDWARD E. YOUNG &

MRYNA YOUNG

No address available

ROBERT & DONNA HAYS

No address available

SAM R. RATCLIFF

No address available

MINERAL OWNER:**(coal)**

UNITED STATES OF AMERICA

Bureau of Land Management
P.O. Box 1828
Cheyenne, Wyoming 82003

LEASE OWNER:**(oil & gas)**

ANADARKO PETROLEUM COMP.

1201 Lake Robbins Drive
The Woodlands, Texas 77380

**OVERRIDING ROYALTY
INTEREST:**

ANADARKO PETROLEUM COMP.

1201 Lake Robbins Drive
The Woodlands, Texas 77380

LEASE OWNER:**(coal bed methane)**

ANADARKO PETROLEUM COMP.

P.O. Box 1330
Houston, Texas 77251

RIGHT-OF-WAY OWNER:**(Lot 8)**

MOUNTAIN STATES TELEPHONE
& TELEGRAPH

931 14th Street
Denver, Colorado 80202

<p align="center">Township 44 North, Range 75 West 6th PM Section 31: Lot 6 (NW/4NE/4); Lot 7 (NE/4NW/4); Lot 10 (SE/4NW/4); Lot 11 (SW/4NE/4); Lot 12 (SE/4NE/4); Lot 15 (NE/4SW/4); Lot 18 (SE/4SW/4)</p>	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
Locatable Minerals including Uranium	URANERZ ENERGY CORP. P.O. Box 50850 Casper, Wyoming 82605-0850
LEASE OWNER: (oil & gas)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
LEASE OWNER: (coal bed methane)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
RIGHT-OF-WAY OWNER: (Lots 7, 10, 12)	MOUNTAIN STATES TELEPHONE & TELEGRAPH 931 14 th Street Denver, Colorado 80202
<p align="center">Township 44 North, Range 75 West 6th PM Section 31: Lot 13 (NE/4SE/4); Lot 14 (NW/4SE/4); Lot 19 (SW/4SE/4); Lot 20 (SE/4SE/4);</p>	
SURFACE OWNER:	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas,	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
Locatable Minerals including Uranium	URANERZ ENERGY CORP. P.O. Box 50850 Casper, Wyoming 82605-0850

LEASE OWNER: (oil & gas)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251.
LEASE OWNER: (coal bed methane)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
GRAZING LEASE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
Township 43 North, Range 75 West 6th PM Section 5: W/2SW/4; Section 8: W/2NW/4;	
SURFACE OWNER:	JESSE DALE RUBY REVOCABLE TRUST, JESSE DALE RUBY, TRUSTEE; 2901 Four – J Road Gillette, Wyoming 82718 MAX L. RUBY REVOCABLE TRUST, MAX L. RUBY, TRUSTEE 2901 Four – J Road Gillette, Wyoming 82718
MINERAL OWNER: Minerals including oil and gas	RUBY MINERALS, L.P. 2901 Four –J Road Gillette, Wyoming 82718
ROYALTY OWNERS:	KATHRYN & WILLIAM BARNES No address available DORIS BANK No address available CHARLES SMITH No address available W. ALLENE SMITH LIVING TRUST W. ALLENE SMITH, TRUSTEE No address available
MINERAL OWNER: (uranium)	RUBY MINERALS, L.P. 2901 Four –J Road Gillette, Wyoming 82718
MINERAL OWNER: (coal)	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003

LEASE OWNER: (oil and gas)	BARRETT RESOURCES, INC. 1515 Arapaho Street, Tower 3, #1000 Denver, Colorado 80202 LANCE OIL & GAS COMPANY 1099 18 th Street, #1200 Denver, Colorado 80202
LEASE OWNER: (uranium)	URANERZ ENERGY CORP. P.O. Box 50850 Casper, Wyoming 82605-0850
LEASE OWNER: (coal bed methane)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
RIGHT-OF-WAY OWNER: Sec. 5 (SW/4SW/4)	TRI-COUNTY ELECTRIC ASSOC. Sundance, Wyoming
<p align="center">Township 43 North, Range 75 West 6th PM Section 6: Lot 3 (NE/4NW/4); Lot 5 (SW/4NW/4); SE/4NW/4;</p>	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas,	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
Locatable Minerals including Uranium	URANERZ ENERGY CORP. P.O. Box 50850 Casper, Wyoming 82605-0850
LEASE OWNER: (oil and gas)	WYOMING RESOURCES, INC. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702
OVERRIDING ROYALTY INTEREST:	WYOMING RESOURCES, INC. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702
LEASE OWNER: (coal bed methane gas)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
RIGHT-OF-WAY OWNER: (Lot 5)	POWDER RIVER ENERGY CORP. P.O. Box 930 Sundance, Wyoming
<p align="center">Township 43 North, Range 75 West 6th PM Section 6: Lot 4 (NW/4NW/4)</p>	

SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All minerals including, oil and gas, and Uranium	ELLBOGEN PROPERTY MGT P.O. Box 1928 Casper, Wyoming 82602
MINERAL OWNER: (coal)	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
LEASE OWNER: (coal bed methane gas)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
<p align="center">Township 43 North, Range 75 West 6th PM Section 6: Lot 6 (NW/4SW/4); Lot 7 (SW/4SW/4); E/2SW/4;</p>	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas,	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
Locatable Minerals including Uranium	URANERZ ENERGY CORP. P.O. Box 50850 Casper, Wyoming 82605-0850
LEASE OWNER: (oil and gas)	NANCE PETROLEUM CORP. P.O. Box 7168 Billings, Montana 59103 WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702 MOBIL EXPLORATION & PRODUCTION P.O. Box 650232 Dallas, Texas 75265 PENDRAGON RESOURCES II, L.P. 621-17 th Street, #750 Denver, Colorado 80202

OVERRIDING ROYALTY INTEREST:	<p>NANCE PETROLEUM CORP. P.O. Box 7168 Billings, Montana 59103</p> <p>WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702</p> <p>MOBIL EXPLORATION & PRODUCTION P.O. Box 650232 Dallas, Texas 75265</p> <p>PENDRAGON RESOURCES II, L.P. 621-17th Street, #750 Denver, Colorado 80202</p> <p>ANADARKO PETROLEUM COMP. 1201 Lake Robbins Drive The Woodlands, Texas 77380</p>
LEASE OWNER: (coal bed methane gas)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
RIGHT-OF-WAY OWNER: (S/2S/2)	WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702
<p>Township 43 North, Range 75 West 6th PM Section 6: Lot 8 (NE/4NE/4); Lot 9 (NW/4NE/4);</p>	
SURFACE OWNER:	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas,	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
Locatable Minerals including Uranium	URANERZ ENERGY CORP. P.O. Box 50850 Casper, Wyoming 82605-0850
LEASE OWNER: (oil and gas)	ANADARKO PETROLEUM CORP 900 Werner Ct #200 Casper, Wyoming 82601
LEASE OWNER: (coal bed methane gas)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251

GRAZING LEASE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718 RUBY RANCH P.O. Box 2195 Cody, Wyoming 82414
Township 43 North, Range 75 West 6th PM Section 6: Lot 10 (SE/4NE/4)	
SURFACE OWNER:	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas,	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
Locatable Minerals including Uranium	URANERZ ENERGY CORP. P.O. Box 50850 Casper, Wyoming 82605-0850
LEASE OWNER: (coal bed methane gas)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
GRAZING LEASE OWNER:	RUBY RANCH P.O. Box 2195 Cody, Wyoming 82414
Township 43 North, Range 75 West 6th PM Section 6: SW/4NE/4	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas,	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
Locatable Minerals including Uranium	URANERZ ENERGY CORP. P.O. Box 50850 Casper, Wyoming 82605-0850
LEASE OWNER: (oil and gas)	NANCE PETROLEUM CORP. P.O. Box 7168 Billings, Montana 59103

**OVERRIDING ROYALTY
INTEREST:**

MOBIL EXPLORATION &
PRODUCTION
P.O. Box 650232
Dallas, Texas 75265

PENDRAGON RESOURCES II, L.P.
621-17th Street, #750
Denver, Colorado 80202

NANCE PETROLEUM CORP.
P.O. Box 7168
Billings, Montana 59103

WYOMING RESOURCES CORP.
1508 Mountain View Road, #105
Rapid City, South Dakota 57702

MOBIL EXPLORATION &
PRODUCTION
P.O. Box 650232
Dallas, Texas 75265

ANADARKO PETROLEUM COMP.
1201 Lake Robbins Drive
The Woodlands, Texas 77380

PENDRAGON RESOURCES II, L.P.
621-17th Street, #750
Denver, Colorado 80202

**LEASE OWNER:
(coal bed methane gas)**

ANADARKO PETROLEUM COMP.
P.O. Box 1330
Houston, Texas 77251

**Township 43 North, Range 75 West 6th PM
Section 6: E/2SE/4**

SURFACE OWNER:

T-CHAIR LAND COMPANY, L.P.
Attn: Patricia Clark
1026 Brown Road
Gillette, Wyoming 82718

MINERAL OWNER:

**All Leasable Minerals, including Coal,
Oil and Gas,**

UNITED STATES OF AMERICA
Bureau of Land Management
P.O. Box 1828
Cheyenne, Wyoming 82003

**Locatable Minerals including
Uranium**

URANERZ ENERGY CORP.
P.O. Box 50850
Casper, Wyoming 82605-0850

**LEASE OWNER:
(oil and gas)**

NANCE PETROLEUM CORP.
P.O. Box 7168
Billings, Montana 59103

WYOMING RESOURCES CORP.
1508 Mountain View Road, #105
Rapid City, South Dakota 57702

LEASE OWNER: (coal bed methane gas)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
RIGHT-OF-WAY OWNER: (S/2SE/4) (S/2S/2)	TRI-COUNTY ELECTRIC ASSOC. Sundance, Wyoming WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702

Township 43 North, Range 75 West 6th PM
Section 6: W/2SE/4

SURFACE OWNER;	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas,	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
Locatable Minerals including Uranium	URANERZ ENERGY CORP. P.O. Box 50850 Casper, Wyoming 82605-0850
LEASE OWNER: (oil and gas)	NANCE PETROLEUM CORP. P.O. Box 7168 Billings, Montana 59103 WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702 MOBIL EXPLORATION & PRODUCTION P.O. Box 650232 Dallas, Texas 75265 PENDRAGON RESOURCES II, L.P. 621-17 th Street, #750 Denver, Colorado 80202 MARK CHAPMAN P.O. Box 1389 Sealy, Texas 77474
OVERRIDING ROYALTY INTEREST:	NANCE PETROLEUM CORP. P.O. Box 7168 Billings, Montana 59103 WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702

LEASE OWNER: (coal bed methane gas)	MOBIL EXPLORATION & PRODUCTION P.O. Box 650232 Dallas, Texas 75265 PENDRAGON RESOURCES II, L.P. 621-17 th Street, #750 Denver, Colorado 80202 PIONEER OIL & GAS 1206 South West South Jordan Parkway, Unit B South Jordan, Utah 84095 PATHFINDER MINES CORP. 3315 Old Forrest Road Lynchburg, Virginia 24501 WELLSTAR CORPORATION 11990 Grant Street, #550 Northglenn, Colorado 80233 ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
RIGHT-OF-WAY OWNER: (S/2SE/4) (S/2S/2)	TRI-COUNTY ELECTRIC ASSOC. Sundance, Wyoming WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702
Township 43 North, Range 75 West 6th PM Section 7: Lot 1 (NW/4NW/4); E/2NW/4, NE/4SE/4,	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas,	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
Locatable Minerals including Uranium (NE/4SE/4 only)	URANERZ ENERGY CORP. P.O. Box 50850 Casper, Wyoming 82605-0850
LEASE OWNER: (oil and gas)	NANCE PETROLEUM CORP. P.O. Box 7168 Billings, Montana 59103

OVERRIDING ROYALTY INTEREST:	<p>MOBIL EXPLORATION & PRODUCTION P.O. Box 650232 Dallas, Texas 75265</p> <p>WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702</p> <p>PENDRAGON RESOURCES II, L.P. 621-17th Street, #750 Denver, Colorado 80202</p> <p>NANCE PETROLEUM CORP. P.O. Box 7168 Billings, Montana 59103</p> <p>WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702</p> <p>MOBIL EXPLORATION & PRODUCTION P.O. Box 650232 Dallas, Texas 75265</p> <p>ANADARKO PETROLEUM COMP. 1201 Lake Robbins Drive The Woodlands, Texas 77380</p> <p>PENDRAGON RESOURCES II, L.P. 621-17th Street, #750 Denver, Colorado 80202</p> <p>ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251</p>
Township 43 North, Range 75 West 6th PM	
Section 7: Lot 2 (SW/4NW/4)	
SURFACE OWNER:	<p>T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718</p>
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas,	<p>UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003</p>
Locatable Minerals including Uranium	<p>UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003</p>

LEASE OWNER: (oil and gas)	NANCE PETROLEUM CORP. P.O. Box 7168 Billings, Montana 59103 MOBIL EXPLORATION & PRODUCTION P.O. Box 650232 Dallas, Texas 75265 PENDRAGON RESOURCES II, L.P. 621-17 th Street, #750 Denver, Colorado 80202
OVERRIDING ROYALTY INTEREST:	NANCE PETROLEUM CORP. P.O. Box 7168 Billings, Montana 59103 MOBIL EXPLORATION & PRODUCTION P.O. Box 650232 Dallas, Texas 75265 ANADARKO PETROLEUM COMP. 1201 Lake Robbins Drive The Woodlands, Texas 77380 WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702 PENDRAGON RESOURCES II, L.P. 621-17 th Street, #750 Denver, Colorado 80202
LEASE OWNER: (coal bed methane gas)	ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251
Township 43 North, Range 75 West 6th PM Section 7: Lot 3 (NW/4SW/4); NE/4SW/4; NW/4SE/4;	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: Minerals including oil and gas	FRANKLIN BROWN 1024 Brown Road Gillette, Wyoming 827118 KRISTY MANKIN No address available MARY LEHRER LIVING TRUST Lawrence Lehrer, Trustee No address available

**MINERAL OWNER:
(uranium)**

PATRICIA CLARK
1026 Brown Road
Gillette, Wyoming 82718

POWER RESOURCES, INC.
274 Union Blvd, Ste 310
Lakewood, Colorado 80228

**MINERAL OWNER:
(coal)**

UNITED STATES OF AMERICA
Bureau of Land Management
P.O. Box 1828
Cheyenne, Wyoming 82003

**LEASE OWNER:
(oil and gas)**

TOM BROWN INC.
P.O. Box 6526
Englewood, Colorado 80155

A.A. ENERGY COMPANY
999-18th Street
Denver, Colorado 80202

ANADARKO PETROLEUM COMP.
P.O. Box 1330
Houston, Texas 77251

BARRETT RESOURCES, INC.
1515 Arapaho Street, Tower 3, #1000
Denver, Colorado 80202

LANCE OIL & GAS CORPORATION
1099 – 18th Street, #1200
Denver, Colorado 80202

WYOMING RESOURCES CORP.
1508 Mountain View Road, #105
Rapid City, South Dakota 57702

**OVERRIDING ROYALTY
INTEREST:**

TOM BROWN INC.
P.O. Box 6526
Englewood, Colorado 80155

BIG WEST OIL & GAS CORP.
1104 Country Hills Drive
Ogden, Utah 84403

A.A. ENERGY COMPANY
999-18th Street
Denver, Colorado 80202

ANADARKO PETROLEUM COMP.
P.O. Box 1330
Houston, Texas 77251

WYOMING RESOURCES CORP.
1508 Mountain View Road, #105
Rapid City, South Dakota 57702

<p>LEASE OWNER: (coal bed methane gas)</p>	<p>BARRETT RESOURCES, INC. 1515 Arapaho Street, Tower 3, #1000 Denver, Colorado 80202</p> <p>LANCE OIL & GAS CORPORATION 1099 – 18th Street, #1200 Denver, Colorado 80202</p> <p>ANADARKO PETROLEUM COMP. P.O. Box 1330 Houston, Texas 77251</p>
<p>Township 43 North, Range 75 West 6th PM Section 7: NE/4</p>	
<p>SURFACE OWNER:</p> <p>MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas,</p>	<p>T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718</p> <p>UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003</p>
<p>Locatable Minerals including Uranium</p>	<p>URANERZ ENERGY CORP. P.O. Box 50850 Casper, Wyoming 82605-0850</p>
<p>LEASE OWNER: (oil and gas)</p>	<p>NANCE PETROLEUM CORP. P.O. Box 7168 Billings, Montana 59103</p> <p>MOBIL EXPLORATION & PRODUCTION P.O. Box 650232 Dallas, Texas 75265</p> <p>MARK CHAPMAN P.O. Box 1389 Sealy, Texas 77474</p> <p>WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702</p> <p>PENDRAGON RESOURCES II, L.P. 621-17th Street, #750 Denver, Colorado 80202</p>
<p>OVERRIDING ROYALTY INTEREST:</p>	<p>MARK CHAPMAN P.O. Box 1389 Sealy, Texas 77474</p> <p>MOBIL EXPLORATION & PRODUCTION P.O. Box 650232 Dallas, Texas 75265</p>

NANCE PETROLEUM CORP.

P.O. Box 7168

Billings, Montana 59103

WYOMING RESOURCES CORP.

1508 Mountain View Road, #105

Rapid City, South Dakota 57702

DEVON SFS OPERATING, INC

20 North Broadway, #1500

Oklahoma City, Oklahoma 73102

PIONEER OIL & GAS

1206 South West South Jordan Prky.,

Unit B

South Jordan, Utah 84095

PENDRAGON RESOURCES II, L.P.

621-17th Street, #750

Denver, Colorado 80202

TEXACO, INC.

P.O. Box 6028

San Ramon, California 94583

LEASE OWNER:

(coal bed methane gas)

ANADARKO PETROLEUM COMP.

P.O. Box 1330

Houston, Texas 77251

RIGHT-OF-WAY OWNER:

(N/2NE/4)

TRI-COUNTY ELECTRIC ASSOC.

Sundance, Wyoming

**THIS PAGE IS AN
OVERSIZED DRAWING OR
FIGURE,**

**THAT CAN BE VIEWED AT THE
RECORD TITLED:**

**DRAWING NO.: EXHIBIT A-1,
“NICHOLS RANCH UNIT SURFACE &
MINERAL RIGHTS WITHIN PERMIT
BOUNDARY”**

**WITHIN THIS PACKAGE... OR,
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D-01

**THIS PAGE IS AN
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**DRAWING NO.: EXHIBIT A-2, "HANK
UNIT SURFACE & MINERAL RIGHTS
WITHIN PERMIT BOUNDARY"**

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D-02

APPENDIX B
SURFACE OWNERS OF RECORD
WITHIN ½ MILE OF PERMIT AREA
(NICHOLS RANCH AND HANK UNIT AREAS)

APPENDIX B
SURFACE OWNERS OF RECORD
WITHIN ½ MILE OF PERMIT AREA
(NICHOLS RANCH UNIT AREA)

<p style="text-align: center;">Township 43 North, Range 76 West 6th PM Section 7: SE/4NW/4, E/2SW/4, N/2SE/4, SW/4SE/4; Section 8: S/2N/2, N/2S/2; Section 9: S/2NW/4; Section 18: NW/4NE/4, NE/4NW/4, S/2SE/4; Section 19: NE/4NW/4, NE/4; Section 20: S/2N/2, N/2SES/4; Section 21: NW/4, N/2SW/4;</p>	
SURFACE OWNER:	<p>T-CHAIR LAND COMPANY L.P. 1026 Brown Road Gillette, Wyoming 82718</p>
<p style="text-align: center;">Township 43 North, Range 76 West 6th PM Section 9: SW/4; Section 16: W/2</p>	
SURFACE OWNER:	<p>STATE OF WYOMING State Land Office 122 W. 25th Street - 3 West Herschler Bldg. Cheyenne, Wyoming 82003-1828</p>
GRAZING LEASE OWNER:	<p>T-CHAIR LAND COMPANY L.P. 1026 Brown Road Gillette, Wyoming 82718</p>
<p style="text-align: center;">Township 43 North, Range 76 West 6th PM Section 7: S/2NE/4 Section 18: SW/4NE/4, SE/4NW/4, E/2SW/4, NW/4SE/4</p>	
SURFACE OWNER:	<p>BETTY LOU PAYNE 1613 Westminster Road Roanoke, Texas 76262</p> <p>KENNETH REED ZINK REVOCABLE TRUST, KENNETH REED ZINK, TRUSTEE 758 North Tree Top Lane Springfield, Missouri 65802</p>
<p style="text-align: center;">Township 43 North, Range 76 West 6th PM Section 19: N/2SE/4; Section 20: N/2SW/4;</p>	
SURFACE OWNER:	<p>DRY FORK LAND & LIVESTOCK LLC P.O. Box 53 Laketown, Utah 84038</p>

APPENDIX B

**SURFACE OWNERS OF RECORD
WITHIN ½ MILE OF PERMIT AREA
(HANK UNIT AREA)**

<p>Township 44 North, Range 75 West 6th PM Section 29: Lot 4 (NW/4NW/4); Lot 5 (SW/4NW/4); Lot 11 (NE/4SW/4); Lot 12 (NW/4SW/4); Lot 13 (SW/4SW/4); Lot 14 (SE/4SW/4); Section 30: Lot 5 (NE/4NE/4); Lot 6 (NW/4NE/4); Lot 7 (NE/4NW/4); Lot 8 (NW/4NW/4); Lot 9 (SW/4NW/4); Lot 10 (SE/4NW/4); Lot 11 (SW/4NE/4); Lot 12 (SE/4NE/4); Lot 13 (NE/4SE/4); Lot 20 (SE/4SE/4) Section 32: Lot 3 (NE/4NW/4); Lot 4 (NW/4NW/4); Lot 5 (SW/4NW/4); Lot 6 (SE/4NW/4); Lot 11 (NE/4SW/4);</p>	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
RIGHT-OF-WAY OWNER:	WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702
Sec. 30: NW/4	
Sec. 32: N/2N/2, SW/4NW/4	MOUNTAIN STATES TELEPHONE & TELEGRAPH 931 14 th Street Denver, Colorado 80202
<p>Township 44 North, Range 75 West 6th PM Section 32: Lot 12 (NW/4SW/4); Lot 13 (SW/4SW/4);</p>	
SURFACE OWNER:	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003

GRAZING LEASE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
Township 44 North, Range 75 West 6th PM Section 32: Lot 14 (SE/4SW/4)	
SURFACE OWNER:	PUMPKIN BUTTE RANCH, LLC P.O Box 2222 Gillette, Wyoming 82717
Township 43 North, Range 75 West 6th PM Section 5: Lot 6 (NW/4NE/4); Lot 7 (NE/4NW/4); Lot 8 (NW/4NW/4); Lot 9 (SW/4NW/4); Lot 10 (SE/4NW/4); Lot 11 (SW/4NE/4); Lot 14 (NW/4SE/4); Lot 15 (SW/4SE/4);	
SURFACE OWNER:	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
GRAZING LEASE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718 PUMPKIN BUTTE RANCH, LLC P.O. Box 2222 Gillette, Wyoming 82717 RUBY RANCH P.O. Box 2195 Cody, Wyoming 82414
Township 43 North, Range 75 West 6th PM Section 5: E/2SW/4 Section 8: E/2NW/4	
SURFACE OWNER:	JESSE DALE RUBY REVOCABLE TRUST, JESSE DALE RUBY, TRUSTEE 2901 Four – J Road Gillette, Wyoming 82718 MAX L. RUBY REVOCABLE TRUST, MAX L. RUBY, TRUSTEE 2901 Four – J Road Gillette, Wyoming

Township 43 North, Range 75 West 6th PM Section 7: Lot 4 (SW/4SW/4); SE/4SW/4, S/2SE/4; Section 8: W/2E/2, SW/4; Section 17: N/2NW/4; Section 18: Lot 1 (NW/4NW/4); NE/4NW/4, N/2NE/4;	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
RIGHT-OF-WAY OWNER: Sec. 7: S/2SW/4 Sec. 8: SW/4SW/4 Sec. 17: NW/4 Sec 18: NE/4NW/4, N/2NE/4	WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702
Township 44 North, Range 76 West 6th PM Section 25: E/2	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
RIGHT-OF-WAY OWNER: NE/4SE/4, SW/4SE/4, SE/4NE/4	WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702
Township 44 North, Range 76 West 6th PM Section 36: E/2	
SURFACE OWNER:	STATE OF WYOMING 122 W. 25 th Street – 3 West- Herschler Building Cheyenne, Wyoming 82003-1828
GRAZING LEASE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
RIGHT-OF-WAY OWNER: E/2	POWDER RIVER ENERGY CORP. P.O. Box 930 Sundance, Wyoming
Township 43 North, Range 76 West 6th PM Section 1: Lot 1 (NE/4NE/4); Lot 2 (NW/4NE/4); S/2NE/4, SE/4;	
SURFACE OWNER:	JACQUES W. SCOTT P.O. Box 293 Bethany, Illinois, 61914

RIGHT-OF-WAY OWNER: E/2NW/4, E/2NE/4	POWDER RIVER ENERGY CORP. P.O. Box 930 Sundance, Wyoming
Township 43 North, Range 76 West 6th PM Section 12: E/2 Section 13: N/2NE/4	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
RIGHT-OF-WAY OWNER: Sec. 12: NE/4, SE/4	WYOMING RESOURCES CORP. 1508 Mountain View Road, #105 Rapid City, South Dakota 57702

**THIS PAGE IS AN
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FIGURE,
THAT CAN BE VIEWED AT THE
RECORD TITLED:
DRAWING NO.: EXHIBIT B-1,
“NICHOLS RANCH UNIT SURFACE &
MINERAL RIGHTS WITHIN ½ MILE OF
PERMIT BOUNDARY”**

**WITHIN THIS PACKAGE... OR,
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DRAWING NO. EXHIBIT B-1**

D-03

**THIS PAGE IS AN
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DRAWING NO.: EXHIBIT B-2, "HANK
UNIT SURFACE & MINERAL RIGHTS
WITHIN ½ MILE OF PERMIT
BOUNDARY"**

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DOCUMENT/REPORT
DRAWING NO. EXHIBIT B-2**

D-04

APPENDIX C

**LEGAL DESCRIPTION, RIGHT TO MINE, AND NO RIGHT TO MINE
LANDS WITHIN THE PERMIT AREA
(NICHOLS RANCH AND HANK UNIT AREAS)**

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LEGAL DESCRIPTION

APPENDIX "C"
NICHOLS RANCH UNIT

This appendix "C" represents the location of lands by legal subdivision, section, township, range, county, and municipal corporation, if any, (W.S. §35-11-406,(a),(vi)) and the number of acres in each description. No mining activity may take place on land for which there is not in effect a valid mining permit (W.S. §35-11-405). To include additional lands within a permit area it is necessary to amend the permit (W.S. §35-11-406,(a)(xii)), so care should be taken to include all lands necessary to the mining and reclamation operation as defined in W.S. §35-11-103,(e),(viii). All acreage figures should be obtained from official survey documents or recent surveys if available. An original U.S.G.S. topographic map with the permit area clearly outlined should accompany each permit application.

PERMIT BOUNDARY LEGAL DESCRIPTION:

S/2SE/4	Section <u>8</u> ,	T. <u>43</u> N.,	R. <u>76</u> W.,	Acres	<u>80.00</u>
E/2	Section <u>17</u> ,	T. <u>43</u> N.,	R. <u>76</u> W.,	Acres	<u>320.00</u>
N/2NE/4	Section <u>20</u> ,	T. <u>43</u> N.,	R. <u>76</u> W.,	Acres	<u>80.00</u>

COUNTY of Campbell

Subtotal Above Acres 480.00

Municipal Corporation

Total Permit (Amendment) Acres 3,370.53

Reviewed (compiled), DEQ/LQD

Applicant Signature

Steve J. Catapole

Date _____

Date 30 Nov. 2007

Checked, DEQ/LQD

Permit No. _____

Date _____

TFN _____

APPENDIX "C"
NICHOLS RANCH UNIT

This appendix "C" represents the location of lands by legal subdivision, section, township, range, county, and municipal corporation, if any, (W.S. §35-11-406,(a),(vi)) and the number of acres in each description. No mining activity may take place on land for which there is not in effect a valid mining permit (W.S. §35-11-405). To include additional lands within a permit area it is necessary to amend the permit (W.S. §35-11-406,(a)(xii)), so care should be taken to include all lands necessary to the mining and reclamation operation as defined in W.S. §35-11-103,(e),(viii). All acreage figures should be obtained from official survey documents or recent surveys if available. An original U.S.G.S. topographic map with the permit area clearly outlined should accompany each permit application.

PERMIT BOUNDARY LEGAL DESCRIPTION:

SE/4SE/4	Section <u>7</u> ,	T. <u>43</u> N.,	R. <u>76</u> W.,	Acres	<u>40.00</u>
S/2SW/4	Section <u>8</u> ,	T. <u>43</u> N.,	R. <u>76</u> W.,	Acres	<u>80.00</u>
W/2	Section <u>17</u> ,	T. <u>43</u> N.,	R. <u>76</u> W.,	Acres	<u>320.00</u>
E/2NE/4, NE/4SE/4	Section <u>18</u> ,	T. <u>43</u> N.,	R. <u>76</u> W.,	Acres	<u>120.00</u>
N/2NW/4	Section <u>20</u> ,	T. <u>43</u> N.,	R. <u>76</u> W.,	Acres	<u>80.00</u>

COUNTY of Johnson

Subtotal Above Acres 640.00

Municipal Corporation _____

Total Permit (Amendment) Acres 3,370.53

Reviewed (compiled), DEQ/LQD _____

Applicant Signature

Date _____

Date 30 Nov. 2007

Checked, DEQ/LQD _____

Permit No. _____

Date _____

TFN _____

APPENDIX "C"
HANK UNIT

This appendix "C" represents the location of lands by legal subdivision, section, township, range, county, and municipal corporation, if any, (W.S. §35-11-406,(a),(vi)) and the number of acres in each description. No mining activity may take place on land for which there is not in effect a valid mining permit (W.S. §35-11-405). To include additional lands within a permit area it is necessary to amend the permit (W.S. §35-11-406,(a)(xii)), so care should be taken to include all lands necessary to the mining and reclamation operation as defined in W.S. §35-11-103,(e),(viii). All acreage figures should be obtained from official survey documents or recent surveys if available. An original U.S.G.S. topographic map with the permit area clearly outlined should accompany each permit application.

PERMIT BOUNDARY LEGAL DESCRIPTION:

Lots 14, 15, 16, 17, 18, 19	Section <u>30</u> , T. <u>44</u> N., R. <u>75</u> W., Acres <u>256.03</u>
Lots 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 W/2SW/4	Section <u>31</u> , T. <u>44</u> N., R. <u>75</u> W., Acres <u>692.72</u> Section <u>5</u> , T. <u>43</u> N., R. <u>75</u> W., Acres <u>80.00</u>
Lots 3, 4, 5, 6, 7, 8, 9, 10, SE/4, E/2SW/4, SE/4NW/4, SW/4NE/4	Section <u>6</u> , T. <u>43</u> N., R. <u>75</u> W., Acres <u>654.46</u>
Lots 1, 2, 3, NE/4, E/2NW/4, N/2SE/4, NE/4SW/4 W/2NW/4	Section <u>7</u> , T. <u>43</u> N., R. <u>75</u> W., Acres <u>487.32</u> Section <u>8</u> , T. <u>43</u> N., R. <u>75</u> W., Acres <u>80.00</u>

COUNTY of Campbell

Subtotal Above Acres 2,250.53

Municipal Corporation

Total Permit (Amendment) Acres 3,370.53

Reviewed (compiled), DEQ/LQD

Applicant Signature

Date _____

Date 30 Nov. 2007

Checked, DEQ/LQD

Permit No. _____

Date _____

TFN _____

RIGHT TO MINE

APPENDIX "C"
NICHOLS RANCH UNIT

This appendix "C" represents the location of lands by legal subdivision, section, township, range, county, and municipal corporation, if any, (W.S. §35-11-406,(a),(vi)) and the number of acres in each description. No mining activity may take place on land for which there is not in effect a valid mining permit (W.S. §35-11-405). To include additional lands within a permit area it is necessary to amend the permit (W.S. §35-11-406,(a)(xii)), so care should be taken to include all lands necessary to the mining and reclamation operation as defined in W.S. §35-11-103,(e),(viii). All acreage figures should be obtained from official survey documents or recent surveys if available. An original U.S.G.S. topographic map with the permit area clearly outlined should accompany each permit application.

RIGHT TO MINE

S/2NE/4, W/2SE/4

Section 17, T. 43 N., R. 76 W., Acres 160.00

COUNTY of Campbell

Subtotal Above Acres 160.00

Municipal Corporation

Total Permit (Amendment) Acres 3,370.53

Reviewed (compiled), DEQ/LQD

Applicant Signature



Date _____

Date 30 Nov. 2007

Checked DEQ/LQD

Permit No. _____

Date _____

TFN _____

APPENDIX "C"
NICHOLS RANCH UNIT

This appendix "C" represents the location of lands by legal subdivision, section, township, range, county, and municipal corporation, if any, (W.S. §35-11-406,(a),(vi)) and the number of acres in each description. No mining activity may take place on land for which there is not in effect a valid mining permit (W.S. §35-11-405). To include additional lands within a permit area it is necessary to amend the permit (W.S. §35-11-406,(a)(xii)), so care should be taken to include all lands necessary to the mining and reclamation operation as defined in W.S. §35-11-103,(e),(viii). All acreage figures should be obtained from official survey documents or recent surveys if available. An original U.S.G.S. topographic map with the permit area clearly outlined should accompany each permit application.

RIGHT TO MINE

SE/4SE/4	Section	<u>7</u> , T. <u>43</u> N., R. <u>76</u> W., Acres	<u>40.00</u>
S/2SW/4	Section	<u>8</u> , T. <u>43</u> N., R. <u>76</u> W., Acres	<u>80.00</u>
W/2	Section	<u>17</u> , T. <u>43</u> N., R. <u>76</u> W., Acres	<u>320.00</u>
E/2NE/4	Section	<u>18</u> , T. <u>43</u> N., R. <u>76</u> W., Acres	<u>80.00</u>

COUNTY of Johnson

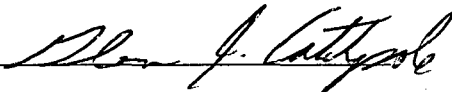
Subtotal Above Acres 520.00

Municipal Corporation

Total Permit (Amendment) Acres 3,370.53

Reviewed (compiled), DEQ/LQD

Applicant Signature



Date _____

Date 30 Nov. 2007

Checked DEQ/LQD

Permit No. _____

Date _____

TFN _____

APPENDIX "C"
HANK UNIT

This appendix "C" represents the location of lands by legal subdivision, section, township, range, county, and municipal corporation, if any, (W.S. §35-11-406,(a),(vi)) and the number of acres in each description. No mining activity may take place on land for which there is not in effect a valid mining permit (W.S. §35-11-405). To include additional lands within a permit area it is necessary to amend the permit (W.S. §35-11-406,(a)(xii)), so care should be taken to include all lands necessary to the mining and reclamation operation as defined in W.S. §35-11-103,(e),(viii). All acreage figures should be obtained from official survey documents or recent surveys if available. An original U.S.G.S. topographic map with the permit area clearly outlined should accompany each permit application.

RIGHT TO MINE

Lot 6, 7, 10, 11, 12, 13, 14, 15, 18, 19, 20 Section 31, T. 44 N., R. 75 W., Acres 211.17

W/2SW/4 Section 5, T. 43 N., R. 75 W., Acres 80.00

Lot 3,5,6,7,8,9,10, SE/4NW/4,
E/2SW/4, SW/4NE/4, E/2SE/4,
W/2SE/4 Section 6, T. 43 N., R. 75 W., Acres 612.31

NE/4, NE/4SE/4 Section 7, T. 43 N., R. 75 W., Acres 200.00

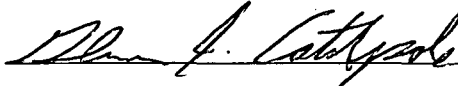
W/2NW/4 Section 8, T. 43 N., R. 75 W., Acres 80.00

COUNTY of Campbell Subtotal Above Acres 1,183.48

Municipal Corporation Total Permit (Amendment) Acres 3,370.53

Reviewed (compiled), DEQ/LQD

Applicant Signature



Date _____

Date 30 NOV. 2007

Checked DEQ/LQD

Permit No. _____

Date _____

TFN _____

NO RIGHT TO MINE

**APPENDIX C
NO RIGHT TO MINE
LANDS WITHIN THE PERMIT AREA
(NICHOLS RANCH UNIT)**

Township 43 North, Range 76 West 6th PM Section 8: S/2SE/4; Section 17: N/2NE/4, E/2SE/4; Section 20: N/2NW/4, N/2NE/4;	
SURFACE OWNER:	T-CHAIR LAND COMPANY 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: Minerals including coal, oil and gas	FRANKLIN BROWN 1024 Brown Road Gillette, Wyoming 82718 KRISTY MANKIN No address available MARY LEHRER LIVING TRUST LAWRENCE LEHRER, TRUSTEE No address available PATRICIA CLARK 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: Uranium	POWER RESOURCES, INC. P.O. Box 1210 Glenrock, Wyoming 82637
TOTAL ACREAGE:	400.00 Acres
Township 43 North, Range 76 West 6th PM Section 18: NE/4SE/4	
SURFACE OWNER:	T-CHAIR LAND COMPANY 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
All Locatable Minerals, including Uranium	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
TOTAL ACREAGE:	40.00 Acres

APPENDIX "C"
NICHOLS RANCH UNIT

This appendix "C" represents the location of lands by legal subdivision, section, township, range, county, and municipal corporation, if any, (W.S. §35-11-406,(a),(vi)) and the number of acres in each description. No mining activity may take place on land for which there is not in effect a valid mining permit (W.S. §35-11-405). To include additional lands within a permit area it is necessary to amend the permit (W.S. §35-11-406,(a)(xii)), so care should be taken to include all lands necessary to the mining and reclamation operation as defined in W.S. §35-11-103,(e),(viii). All acreage figures should be obtained from official survey documents or recent surveys if available. An original U.S.G.S. topographic map with the permit area clearly outlined should accompany each permit application.

NO RIGHT TO MINE

S/2SE/4	Section	8, T. <u>43</u> N., R. <u>76</u> W., Acres	<u>80.00</u>
N/2NE/4, E/2SE/4	Section	<u>17</u> , T. <u>43</u> N., R. <u>76</u> W., Acres	<u>160.00</u>
N/2NE/4	Section	<u>20</u> , T. <u>43</u> N., R. <u>76</u> W., Acres	<u>80.00</u>

COUNTY of Campbell

Subtotal Above Acres 320.00

Municipal Corporation

Total Permit (Amendment) Acres 3,370.53

Reviewed (compiled), DEQ/LQD

Applicant Signature

Date _____

Blaine J. Cottgale
Date 30 NOV. 2007

Checked DEQ/LQD

Permit No. _____

Date _____

TFN _____

APPENDIX "C"
NICHOLS RANCH UNIT

This appendix "C" represents the location of lands by legal subdivision, section, township, range, county, and municipal corporation, if any, (W.S. §35-11-406,(a),(vi)) and the number of acres in each description. No mining activity may take place on land for which there is not in effect a valid mining permit (W.S. §35-11-405). To include additional lands within a permit area it is necessary to amend the permit (W.S. §35-11-406,(a)(xii)), so care should be taken to include all lands necessary to the mining and reclamation operation as defined in W.S. §35-11-103,(e),(viii). All acreage figures should be obtained from official survey documents or recent surveys if available. An original U.S.G.S. topographic map with the permit area clearly outlined should accompany each permit application.

NO RIGHT TO MINE

NE/4SE/4	Section	<u>18</u> , T. <u>43</u> N., R. <u>76</u> W., Acres	<u>40.00</u>
N/2NW/4	Section	<u>20</u> , T. <u>43</u> N., R. <u>76</u> W., Acres	<u>80.00</u>

COUNTY of Johnson

Subtotal Above Acres 120.00

Municipal Corporation

Total Permit (Amendment) Acres 3,370.53

Reviewed (compiled), DEQ/LQD

Applicant Signature

Shirley J. Catledge

Date _____

Date 30 Nov. 2007

Checked DEQ/LQD

Permit No. _____

Date _____

TFN _____

**APPENDIX C
NO RIGHT TO MINE
LANDS WITHIN THE
PERMIT AREA
(HANK UNIT AREA)**

Township 44 North, Range 75 West 6th PM Section 30: Lot 14 (NW/4SE/4); Lot 15 (NE/4SW/4); Lot 17 (SW/4SW/4); Lot 19 (SW/4SE/4);	
SURFACE OWNER:	T-CHAIR LAND COMPANY L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: (Minerals including oil & gas, and uranium)	KEVIN PFISTER 9002 Newburgh Drive Houston, Texas 77095 MICHAEL PFISTER 262 Braeshire Drive Ballwin, Missouri 63021 NEAL PFISTER 26268 7 TH Avenue Parkway Denver, Colorado 80206 WILLIAM JAMES PFISTER & CHERYL ANN PFISTER, TRUSTEES 2502 Addison Avenue Scottsbluff, Nebraska 69361 ELLBOGEN PROPERTY MGT P.O. Box 1928 Casper, Wyoming 82602 ROBERT J. CONAGHAN No address available EDWARD E. YOUNG & MRYNA YOUNG No address available G.P. INDUSTRIES, INC 5370 North Hayden Road, Ste 123 Scottsdale, Arizona 85251 ROBERT & DONNA HAYS No address available
TOTAL ACREAGE:	170.08 Acres
Township 44 North, Range 75 West 6th PM Section 30: Lot 16 (NW/4SW/4); Lot 18 (SE/4SW/4)	

SURFACE OWNER: T-CHAIR LAND COMPANY, L.P.
Attn: Patricia Clark
1026 Brown Road
Gillette, Wyoming 82718

MINERAL OWNER: UNITED STATES OF AMERICA
All Leasable Minerals, including Bureau of Land Management
Coal, Oil and Gas P.O. Box 1828
Cheyenne, Wyoming 82003

All Locatable Minerals, including POWER RESOURCES, INC.
Uranium 274 Union Blvd, Ste 310
Lakewood, Colorado 80228

TOTAL ACREAGE: 85.95 Acres

Township 44 North, Range 75 West 6th PM
Section 31: Lot 5 (NE/4NE/4);
Lot 8 (NW/4NW/4);
Lot 9 (SW/4NW/4);
Lot 16 (NW/4SW/4);
Lot 17 (SW/4SW/4);

SURFACE OWNER: T-CHAIR LAND COMPANY, L.P.
Attn: Patricia Clark
1026 Brown Road
Gillette, Wyoming 82718

MINERAL OWNER: KEVIN PFISTER
All minerals including oil and gas, 9002 Newburgh Drive
and Houston, Texas 77095
Uranium

MICHAEL PFISTER
262 Braeshire Drive
Ballwin, Missouri 63021

NEAL PFISTER
26268 7TH Avenue Parkway
Denver, Colorado 80206

WILLIAM JAMES PFISTER &
CHERYL ANN PFISTER, TRUSTEES
2502 Addison Avenue
Scottsbluff, Nebraska 69361

ELLBOGEN PROPERTY MGT
P.O. Box 1928
Casper, Wyoming 82602

ROBERT J. CONAGHAN
No address available

EDWARD E. YOUNG &
MRYNA YOUNG
No address available

<p>ROBERT & DONNA HAYS No address available</p> <p>SAM R. RATCLIFF No address available</p> <p>TOTAL ACREAGE: 219.00Acres</p>	
<p>Township 44 North, Range 75 West 6th PM Section 31: Portions of Lot 6 (NW/4NE/4), Lot 10 (SW/4NW/4), Lot 12 (SE/4NE/4), Lot 15 (NE/4SW/4), Lot 18 (SE/4SW/4)</p>	
<p>SURFACE OWNER:</p> <p>MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas</p> <p>Locatable Minerals, including Uranium</p> <p>TOTAL ACREAGE:</p>	<p>T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718</p> <p>UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003</p> <p>UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003</p> <p>186.44 Acres</p>
<p>Township 44 North, Range 75 West 6th PM Section 31: Portions of Lot 13 (NE/4SE/4), Lot 20 (SE/4SE/4)</p>	
<p>SURFACE OWNER:</p> <p>MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas</p> <p>Locatable Minerals, including Uranium</p> <p>TOTAL ACREAGE:</p>	<p>UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003</p> <p>UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003</p> <p>UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003</p> <p>76.11 Acres</p>
<p>Township 43 North, Range 75 West 6th PM Section 6: Lot 4 (NW/4NW/4)</p>	

SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: Minerals including, oil and gas, and Uranium	ELLBOGEN PROPERTY MGT P.O. Box 1928 Casper, Wyoming 82602
TOTAL ACREAGE:	42.15 Acres
Township 43 North, Range 75 West 6th PM Section 7: Lot 1 (NW/4NW/4); Lot 2 (SW/4NW/4); E/2NW/4,	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: All Leasable Minerals, including Coal, Oil and Gas,	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
Locatable Minerals including Uranium	UNITED STATES OF AMERICA Bureau of Land Management P.O. Box 1828 Cheyenne, Wyoming 82003
TOTAL ACREAGE:	165.24 Acres
Township 43 North, Range 75 West 6th PM Section 7: Lot 3 (NW/4SW/4); NE/4SW/4; NW/4SE/4;	
SURFACE OWNER:	T-CHAIR LAND COMPANY, L.P. Attn: Patricia Clark 1026 Brown Road Gillette, Wyoming 82718
MINERAL OWNER: Minerals including, oil and gas	FRANKLIN BROWN 1024 Brown Road Gillette, Wyoming 827118 KRISTY MANKIN No address available MARY LEHRER LIVING TRUST Lawrence Lehrer, Trustee No address available PATRICIA CLARK 1026 Brown Road Gillette, Wyoming 82718

MINERAL OWNER:
(uranium)

POWER RESOURCES, INC.
274 Union Blvd, Ste 310
Lakewood, Colorado 80228

TOTAL ACREAGE:

122.08 Acres

APPENDIX "C"
HANK UNIT

This appendix "C" represents the location of lands by legal subdivision, section, township, range, county, and municipal corporation, if any, (W.S. §35-11-406,(a),(vi)) and the number of acres in each description. No mining activity may take place on land for which there is not in effect a valid mining permit (W.S. §35-11-405). To include additional lands within a permit area it is necessary to amend the permit (W.S. §35-11-406,(a)(xii)), so care should be taken to include all lands necessary to the mining and reclamation operation as defined in W.S. §35-11-103,(e),(viii). All acreage figures should be obtained from official survey documents or recent surveys if available. An original U.S.G.S. topographic map with the permit area clearly outlined should accompany each permit application.

NO RIGHT TO MINE

Lot 14,15,16,17,18,19	Section	<u>30</u> , T. <u>44</u> N., R. <u>75</u> W., Acres	<u>256.03</u>
Lot 5,6,8,9,10,12,13,15,16,17,18,20	Section	<u>31</u> , T. <u>44</u> N., R. <u>75</u> W., Acres	<u>481.55</u>
Lot 4	Section	<u>6</u> , T. <u>43</u> N., R. <u>75</u> W., Acres	<u>42.15</u>
Lot 1,2,3, E/2NW/4, NW/4SE/4, NE/4SW/4	Section	<u>7</u> , T. <u>43</u> N., R. <u>75</u> W., Acres	<u>287.32</u>

COUNTY of Campbell

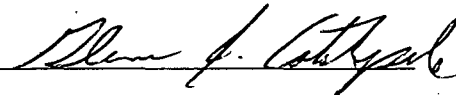
Subtotal Above Acres 1,067.05

Municipal Corporation

Total Permit (Amendment) Acres 3,370.53

Reviewed (compiled), DEQ/LQD

Applicant Signature



Date _____

Date 30 Nov. 2007

Checked DEQ/LQD

Permit No. _____

Date _____

TFN _____

APPENDIX D1:

LAND USE

November 2007

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D1.1.0 LAND USE

D1.1.1 LAND RESOURCES

Present land uses within the Nichols Ranch ISR Project area are livestock grazing, wildlife habitat, oil/gas development, and coal bed methane development. There is no evidence of hay or other agricultural production currently occurring within the project area. Coal bed methane development has begun within the project area within the past three years, but Uranerz Energy Corporation does not anticipate that in situ recovery operations will interfere with ongoing coal bed methane production. In addition, there are no occupied dwellings, public buildings, schools, churches, institutional buildings, cemeteries, or public parks within the project area or within 300 ft of the project area.

The project area and all lands that are disturbed and reclaimed by Uranerz Energy Corporation will be returned to their original land uses (livestock grazing, wildlife habitat, oil/gas development, and coal bed methane development).

D1.1.2 DEMOGRAPHY

D1.1.2.1 Campbell County

Land uses in Campbell County consist of agriculture, coal mines, developed areas such as the towns of Gillette and Wright, and other mineral extraction areas and pipelines that are scattered throughout the county. With the current and projected demand for energy, additional land use conversion from agriculture to mineral extraction is expected.

Campbell County covers approximately 3,066,880 acres, ranking it the seventh largest county in Wyoming. Land ownership within the county is a combination of private (individual and corporate), state, and federal. Federal ownership consists of 375,172 acres managed by the Bureau of Land Management and the U.S. Forest Service. State and local lands total

196,532 acres, along with 2,495,176 acres of private land. Campbell County has one school district with 20 schools and a 2003-2004 average daily attendance of 6,745 students.

D1.1.2.2 Johnson County

Land use in Johnson County consists of agriculture, developed areas such as Buffalo and Kaycee, oil/gas development, coal bed methane development, and mining. Johnson County covers approximately 2,671,808 acres with ownership being divided as follows: 829,469 acres of federal land, 1,603,991 acres of private land, and 238,348 acres of state and local land. Johnson County has one school district consisting of eight schools with an average daily attendance of 1,160 students for the 2003-2004 school year.

Figure D1-1 provides a generalized map of the area surrounding the Nichols Ranch ISR Project. Figure D1-2 (see map pocket) and Table D1-1 provides information on ranches and their inhabitants that are located near the project area. Table D1-2 lists the towns located within a 50-mi radius of the Nichols Ranch ISR Project along with their location from the project and most recent population estimate.

D1.1.3 REFERENCES

Equality State Almanac. 2006. Economic Analysis Division, Department of Administration and Information. State of Wyoming.

U.S. Census Bureau Population Division. 2006. Wyoming Population Estimates.

Wyoming Department of Employment. 2006. Research and Planning. Campbell and Johnson County Profiles.

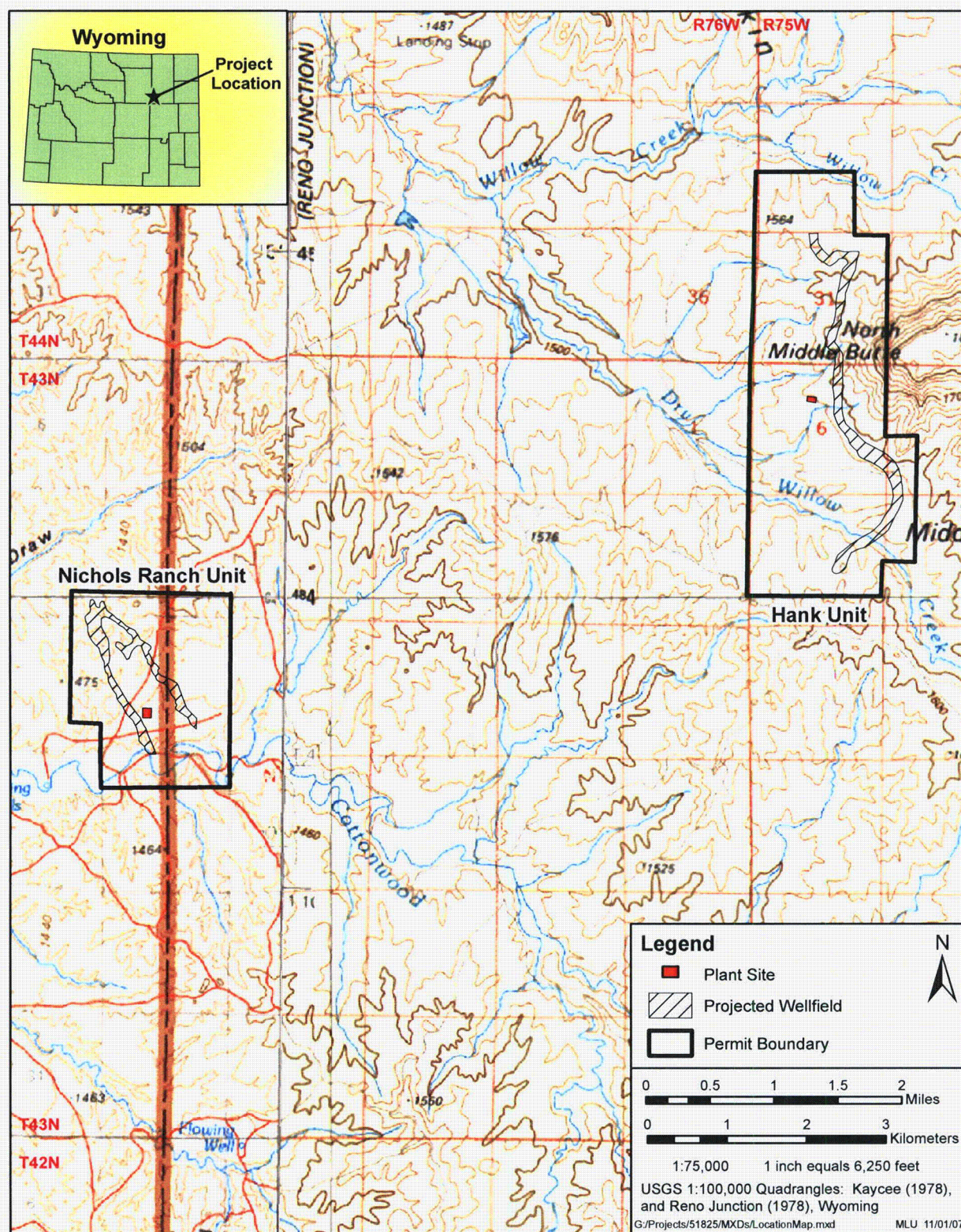


Figure D1-1 Map of the Area Surrounding the Nichols Ranch ISR Project.

Table D1-1 Residents Nearest to the Nichols Ranch ISR Project Area.

Nearest Residences	Number of Inhabitants	Nearest Permit Area	Distance From Permit Area (mi)	Direction
T-Chair (Rolling Pin) Ranch ¹	5	Nichols Ranch, Hank	1.9, 2.9	East, southwest
Pfister Ranch	3	Hank	0.6	North
Pumpkin Buttes Ranch	2	Hank	1.1	East
Van Buggenum Ranch	0	Hank	4	East
Ruby Ranch	2	Hank	6.1	East
Dry Fork Ranch	3	Nichols Ranch	0.9	West
Christensen Ranch	1	Hank	3.5	Northwest

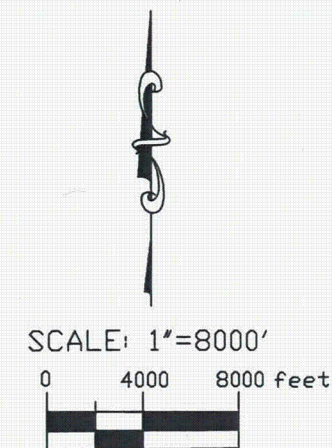
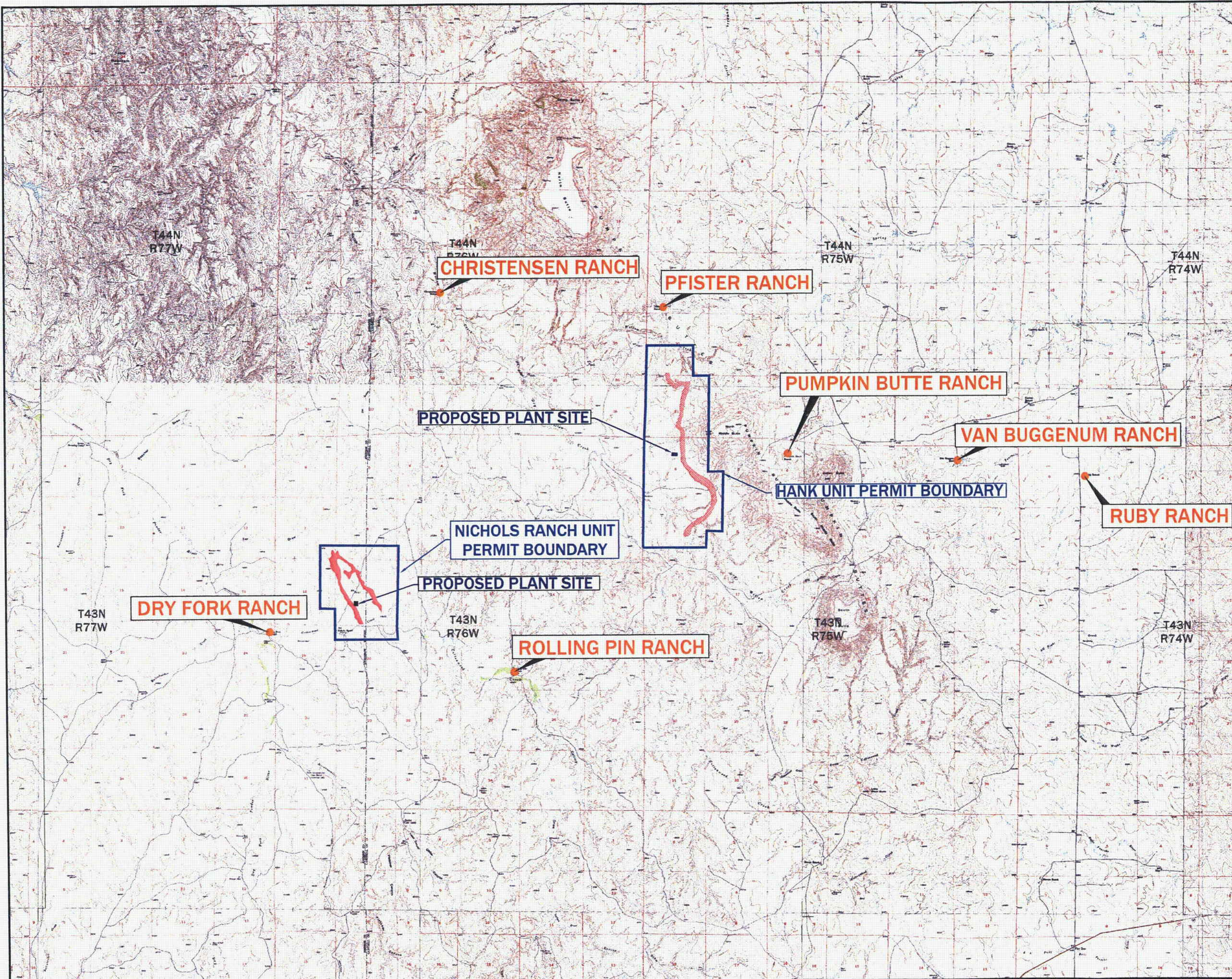
¹ T-Chair Ranch sits between Nichols Ranch and Hank permit areas.

Table D1-2 Towns Within a 50-mi Radius of the Nichols Ranch ISR Project Area.



City	Population ¹	Distance From Permit Area (mi)	Direction
Gillette	22,685	46	Northeast
Buffalo ²	4,290	57	Northwest
Kaycee	273	35	West
Midwest	431	25	Southwest
Edgerton	173	23	Southwest
Wright	1,425	22	East
Casper ²	51,738	61	Southwest

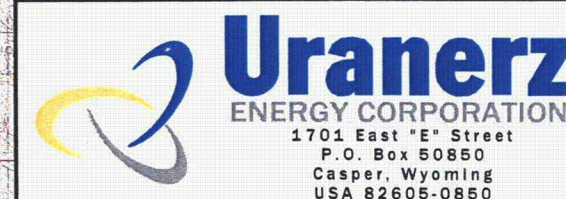
¹ Source: U.S. Census Bureau Population Division (2006).

² Major Wyoming cities just beyond 50 mi.



LEGEND

-  PROJECTED WELL FIELD
-  RESIDENCE



NICHOLS RANCH ISR PROJECT

FIGURE D1-2
NEAREST RESIDENT LOCATIONS

By: S.M.F.	Date: OCT. 17, 2007
Contour Interval: 20 FEET	Revision Date:
Scale: 1"=8000'	Datum: NAD 27 UTM 13

APPENDIX D2:

HISTORY

November 2007

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D2.1.0 HISTORY

D2.1.1 PROJECT BACKGROUND

The proposed Nichols Ranch ISR Project is located in southwest Campbell County and southeast Johnson County, Wyoming, approximately 46 air mi southwest of Gillette, Wyoming (refer to Figure D1-1). The project area includes two noncontiguous areas designated as the Nichols Ranch Unit and the Hank Unit. The Nichols Ranch ISR Project includes a total of 3,370.53 acres: 1,120 acres within the Nichols Ranch Unit and 2,250.53 acres within the Hank Unit. The topography of the Nichols Ranch ISR Project consists of rolling upland terrain dissected by numerous erosional drainages.

The project area is located within the 10- to 14-inch Northern Plains zone of northeastern Wyoming (Natural Resources Conservation Service [NRCS] 1988.) Elevations range from 5,055 to 5,209 ft above mean sea level (AMSL) in the Hank Unit and from 4,670 to 4,900 ft AMSL in the Nichols Ranch Unit. Annual precipitation varies from 10 to 14 inches, with approximately 35-41% falling during the normal growing season. Growth of native warm-season plants begins about May 15 and continues to approximately August 15 (NRCS 1988). According to Wyoming Gap Analysis data, two primary vegetation types occur in the project area: sagebrush shrubland and mixed grassland (2000).

The surface ownership of the project area is almost entirely private. Except for a small portion of the Hank Unit that contains approximately 280 acres of Bureau of Land Management (BLM) land, the project area is on land owned mainly by the T-Chair Livestock Company and several other private ranchers. The uranium mineral underlying the project area is a combination of federal and fee mineral.

Uranerz Energy Corporation (Uranerz) plans to mine the Nichols Ranch ISR Project ore zone using the in situ recovery solution mining technique. By using this method of mining, surface disturbances in the project area and surrounding areas will be minimal. Uranerz is not aware of

any man made structures within the project area other than several water wells and three oil well pump jacks located on the Hank Unit.

D2.1.2 HISTORY OF THE AREA

The Nichols Ranch ISR Project sits west of the Pumpkin Buttes in the Powder River Basin of Wyoming. The Pumpkin Buttes have served as an area landmark for travelers and land occupants for centuries. Native Americans first used the Buttes for shelter, safety, and as a viewing point to watch for buffalo and other game. Later, the Native Americans used the Buttes to monitor the movement of troops and wagons along the Bozeman Trail, which passes several miles to the southwest. Although the Pumpkin Buttes were the scene of much activity by both Native Americans, the military, and early emigrants, the area has never been designated a National Natural Landmark.

After the close of the Bozeman Trail in the late 1800s, the Powder River Basin became open to settlement under the various Land Purchase and Homestead acts. The region's dry climate and lack of surface water made it difficult for small farming and ranch operations, but people still were able to make a living raising sheep and cattle. Today, many large-scale ranching operations inhabit the area. Additionally, oil, coal bed methane, coal, and uranium were discovered in the Powder River Basin, providing an additional economic basis to the existing ranching industry.

Within the Nichols Ranch ISR Project there are no known areas of historic value or sites listed on the National Register of Historic Places. The Nine Mile Segment of the Bozeman Trail in Campbell County is the closest area listed on the National Register of Historic Places, and it is located approximately 8 mi southwest of the project area. Two other sites in Campbell County are listed on the National Register of Historic Places; these are the Basin Oil Field Tipi Rings and the Bishop Road Site. Neither of these sites are located within the Nichols Ranch ISR Project area. Twenty-two sites are enrolled in the National Register of Historic Places for Johnson County; however, none of these are located in the Nichols Ranch ISR Project.

Cultural resource and paleontological surveys were conducted for the proposed Nichols Ranch ISR Project. These surveys are discussed and contained in Appendix D3.

D2.1.3 REFERENCES

National Register of Historic Places. 2007. National Register of Historical Places - Wyoming, Campbell and Johnson Counties, Wyoming. <www.nationalregisterofhistoricplaces.com>. Accessed September 2007.

Natural Resources Conservation Service. 1988. Technical guide to range sites and range conditions 7-9 inch, Green River and Great Divide Basins. Technical Guide Notice No. WY-99, Section IIB. U.S. Department of Agriculture, Natural Resource Conservation Service, Casper, Wyoming.

Wyoming Gap Analysis. 2000. A geographic analysis of biodiversity. Prepared in cooperation with the Wyoming Cooperative Fish and Wildlife Research Unit and University of Wyoming, Laramie, Wyoming. 109 pp.