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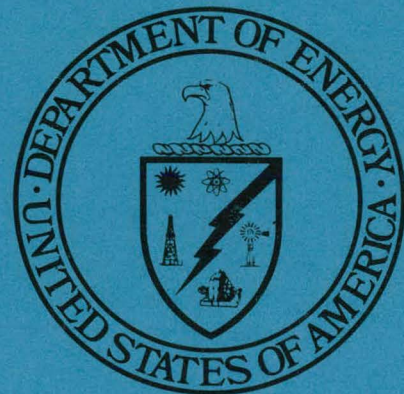
**SURVEY OF LANDS HELD
FOR URANIUM EXPLORATION,
DEVELOPMENT, AND PRODUCTION
IN FOURTEEN WESTERN STATES
IN THE SIX MONTH PERIOD ENDING
JUNE 30, 1979**



**Field Engineering
Corporation**

Grand Junction Operations

January 1980



PREPARED FOR U.S. DEPARTMENT OF ENERGY
GRAND JUNCTION COLORADO 81501
UNDER CONTRACT NO. DE-AC13-76GJO1664

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FOREWORD

The statistics set forth for the period covered by this report are based on data gathered from records available to the public. These data were derived from public county records of mining claim locations, from the public reports of state and federal land offices, from commercial reporting services, and from annual reports to stockholders of land companies. Accordingly, if any fee land has been acquired in a private transaction which has not been entered into a public record or report, that land will not be accounted for in this report. Manpower is not available to survey, acquire, and evaluate data from each available source each reporting period. Accordingly, in any given report, the figures quoted for one or more land categories in a given state may be identical to the figures shown in earlier reports even though some changes probably have occurred. Such change will be shown on subsequent reports. The figures for the acreage controlled at the beginning of the calendar year are those that were published for that date in the publication entitled "Statistical Data of the Uranium Industry" GJO-100(78) published and distributed by the Grand Junction Office of the Department of Energy.

Table I.

FIRST HALF 1979

LAND HELD FOR URANIUM EXPLORATION AND DEVELOPMENT
(in thousands of acres)DISTRIBUTION BY OWNERSHIP

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	<u>Total</u>	<u>Change From Previous Report</u>
ARIZONA		897			700	1,597	315
CALIFORNIA		331			300	631	None
COLORADO	223	3,017	45	162	303	3,750	401
IDAHO	28	184			10	222	None
MONTANA	86	370	1		95	552	25
NEVADA		891			50	941	463
NEW MEXICO	401	2,403	1	386	1,390	4,581	302
NORTH DAKOTA		1	29		356	386	None
OREGON		96			27	123	42
SOUTH DAKOTA	135	123	17		106	381	(523)
TEXAS	71				1,283	1,354	327
UTAH	1,187	5,644			161	6,992	244
WASHINGTON	194	143		65	37	439	14
WYOMING	2,244	7,311	150	180	2,615	12,500	171
Total	4,569	21,411	243	793	7,433	34,449	1,781

Table II

FIRST HALF 1979

LAND HELD FOR URANIUM EXPLORATION AND DEVELOPMENT
(in thousands of acres)

DISTRIBUTION BY STATE

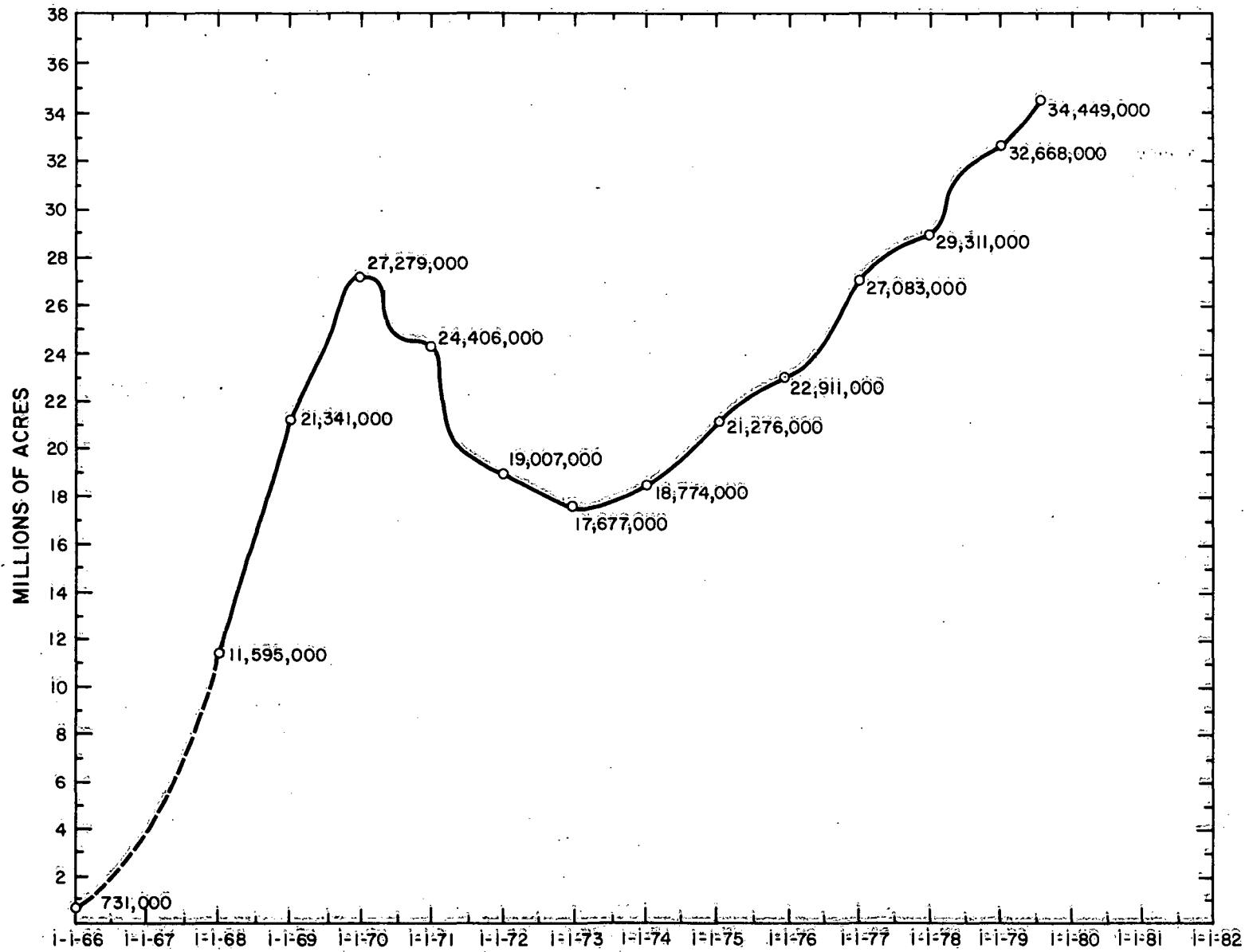
	<u>12/31/74</u>	<u>12/31/75</u>	<u>12/31/76</u>	<u>12/31/77</u>	<u>12/31/78</u>	<u>6/30/79</u>
ARIZONA	819	942	1,021	1,212	1,282	1,597
CALIFORNIA	619	619	631	631	631	631
COLORADO	1,592	1,623	1,852	2,431	3,349	3,750
IDAHO	70	81	108	138	222	222
MONTANA	438	418	420	488	527	552
NEVADA	312	321	376	478	478	941
NEW MEXICO	3,378	3,663	3,885	3,855	4,279	4,581
NORTH DAKOTA	100	100	128	256	386	386
OREGON	31	31	31	31	81	123
SOUTH DAKOTA	91	87	810	882	904	381
TEXAS	627	622	676	798	1,027	1,354
UTAH	3,515	4,185	5,498	5,829	6,748	6,992
WASHINGTON	76	129	401	414	425	439
WYOMING	9,608	10,090	11,246	11,868	12,329	12,500
Total	21,276	22,911	27,083	29,311	32,668	34,449

Table III

FIRST HALF 1979

LAND HELD FOR URANIUM EXPLORATION AND DEVELOPMENT
(in thousands of acres)DISTRIBUTION BY LAND CATEGORY

	<u>12/31/74</u>	<u>12/31/75</u>	<u>12/31/76</u>	<u>12/31/77</u>	<u>12/31/78</u>	<u>6/30/79</u>
State	2,968	3,385	4,635	5,048	5,175	4,569
Claim	11,634	12,605	15,067	16,594	19,495	21,411
Acquired	275	277	293	271	271	243
Indian	635	627	815	785	785	793
Fee	5,764	6,017	6,273	6,613	6,942	7,433
Total	21,276	22,911	27,083	29,311	32,668	34,449



LAND HELD BY URANIUM INDUSTRY

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LAND CONTROL BY COUNTY AND STATE

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FIRST HALF 1979

ARIZONA

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	<u>100</u>	<u>582,240</u>	<u> </u>	<u> </u>	<u>699,911</u>	<u>1,282,251</u>

*Land Transactions January 1, 1979
to June 30, 1979 (in acres by county)

Apache		10,040				10,040
Cochise		19,400				19,400
Coconino		(80)				(80)
Gila		12,180				12,180
Graham		15,420				15,420
Greenlee		11,700				11,700
Mohave		6,940				6,940
Navajo		400				400
Pima		1,680				1,680
Pinal		66,820				66,820
Santa Cruz		420				420
Yavapai		113,720				113,720
Yuma		56,180				56,180

Total January 1 to June 30, 1979	<u> </u>	<u>314,820</u>	<u> </u>	<u> </u>	<u> </u>	<u>314,820</u>
CUMULATIVE TOTAL to June 30, 1979	<u>100</u>	<u>897,060</u>	<u> </u>	<u> </u>	<u>699,911</u>	<u>1,597,071</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

CALIFORNIA

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	_____	<u>330,844</u>	_____	_____	<u>300,000</u>	<u>630,844</u>

*Land Transactions January 1, 1979
to June 30, 1979 (in acres by county)

None

Total January 1 to June 30, 1979	_____	_____	_____	_____	_____	_____
CUMULATIVE TOTAL to June 30, 1979	=====	<u>330,844</u>	=====	=====	<u>300,000</u>	<u>630,844</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

COLORADO

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	<u>275,432</u>	<u>2,590,032</u>	<u>76,342</u>	<u>162,176</u>	<u>245,395</u>	<u>3,349,377</u>

*Land Transactions, January 1, 1979
to June 30, 1979 (in acres by county)

Adams	(7,376)					(7,376)
Archuleta		60				60
Boulder		8,920				8,920
Chaffee		7,400				7,400
Clear Creek		1,420				1,420
Conejos		260				260
Custer		9,840				9,840
Delta		3,680				3,680
Dolores	(640)	23,340			5,222	27,922
Eagle		4,420				4,420
Elbert	(640)				8,310	7,670
Fremont		10,000				10,000
Garfield		660				660
Grand		34,640			1,264	35,904
Gunnison	(440)	23,820				23,380
Hinsdale		360				360
Huerfano		11,940				11,940

COLORADO (Continued)

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
Jackson	(218)	67,120				66,902
La Plata		20				20
Larimer		26,700				26,700
Mesa		7,160				7,160
Mineral		600				600
Moffat	(9,920)	35,060			8,502	33,642
Montezuma		1,640			2,960	4,600
Montrose		33,320				33,320
Morgan	542					542
Ouray		180				180
Park	(3,680)	33,580			33,800	63,700
Pitkin		3,100				3,100
Rio Blanco		31,980				31,980
Routt		11,160				11,160
Saguache	(1,920)	3,380				1,460
San Juan		3,060				3,060
San Miguel	2,880	9,440			(2,960)	9,360
Summit		18,160				18,160
Teller		280				280
Weld	(30,902)		(31,181)			(62,083)
<hr/>						
Total January 1 to June 30, 1979	<u>(52,314)</u>	<u>426,700</u>	<u>(31,181)</u>		<u>57,098</u>	<u>400,303</u>
CUMULATIVE TOTAL to June 30, 1979	<u>223,118</u>	<u>3,016,732</u>	<u>45,161</u>	<u>162,176</u>	<u>302,493</u>	<u>3,749,680</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

IDAHO

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	<u>27,689</u>	<u>183,940</u>	_____	_____	<u>10,055</u>	<u>221,684</u>

*Land Transactions January 1, 1979
to June 30, 1979(in acres by county)

None

Total January 1 to June 30, 1979	_____	_____	_____	_____	_____	_____
CUMULATIVE TOTAL to June 30, 1979	<u>27,689</u>	<u>183,940</u>	_____	_____	<u>10,055</u>	<u>221,684</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

MONTANA

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	<u>61,507</u>	<u>369,540</u>	<u>1,014</u>	_____	<u>94,793</u>	<u>526,854</u>
*Land Transactions January 1, 1979 to June 30, 1979(in acres by county)						
Beaverhead	12,945					12,945
Blaine	440					440
Carter	664					664
Jefferson	9,866					9,866
Lewis and Clark	760					760
Madison	601					601
Meagher	(1,280)					(1,280)
Powder River	640					640
<hr/>						
Total January 1 to June 30, 1979	<u>24,636</u>	_____	_____	_____	_____	<u>24,636</u>
CUMULATIVE TOTAL to June 30, 1979	<u>86,143</u>	<u>369,540</u>	<u>1,014</u>	=====	<u>94,793</u>	<u>551,490</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

NEVADA

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	<u> </u>	<u>427,660</u>	<u> </u>	<u> </u>	<u>50,000</u>	<u>477,660</u>

*Land Transactions January 1, 1979
to June 30, 1979(in acres by county)

Churchill		1,400				1,400
Clark		24,900				24,900
Elko		52,800				52,800
Esmeralda		34,820				34,820
Eureka		32,620				32,620
Humboldt		96,980				96,980
Lincoln		21,920				21,920
Lyon		15,260				15,260
Mineral		18,700				18,700
Nye		98,100				98,100
Pershing		60,680				60,680
Storey		3,720				3,720
Washoe		20,600				20,600

Total January 1 to June 30, 1979	<u> </u>	<u>463,500</u>	<u> </u>	<u> </u>	<u> </u>	<u>463,500</u>
CUMULATIVE TOTAL to June 30, 1979	<u> </u>	<u>891,160</u>	<u> </u>	<u> </u>	<u>50,000</u>	<u>941,160</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

NEW MEXICO

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	<u>431,461</u>	<u>2,098,515</u>	<u>608</u>	<u>386,215</u>	<u>1,362,390</u>	<u>4,279,189</u>

*Land Transactions January 1, 1979
to June 30, 1979 (in acres by county)

Bernalillo	(4,608)					(4,608)
Catron		121,920				121,920
Colfax		600				600
Doña Ana		5,120				5,120
Grant	(8,447)	29,340				20,893
Hidalgo	(7,843)	27,900				20,057
Lincoln		1,060				1,060
Luna	(3,049)	3,120				71
McKinley	(82)	47,580			26,540	74,038
Otero	(699)	1,020				321
Rio Arriba	(4,480)	1,060			640	(2,780)
Sandoval	2,907					2,907
San Juan	(79)	9,140				9,061
Santa Fe	929	2,340				3,269
Sierra	800	20,480				21,280
Socorro	(3,273)	34,460				31,187
Torrance	(1,280)					(1,280)
Valencia	(1,080)				(240)	(1,320)

Total January 1 to June 30, 1979 ,	<u>(30,284)</u>	<u>305,140</u>	<u>608</u>	<u>386,215</u>	<u>26,940</u>	<u>301,796</u>
CUMULATIVE TOTAL to June 30, 1979	<u>401,177</u>	<u>2,403,655</u>	<u>608</u>	<u>386,215</u>	<u>1,389,330</u>	<u>4,580,985</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

NORTH DAKOTA

Acres Held by County and Land Category -

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979		<u>1,060</u>	<u>29,043</u>		<u>355,740</u>	<u>385,843</u>

*Land Transactions January 1, 1979
to June 30, 1979 (in acres by county)

None

Total January 1 to June 30, 1979						
CUMULATIVE TOTAL to June 30, 1979		<u>1,060</u>	<u>29,043</u>		<u>355,740</u>	<u>385,843</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc:

FIRST HALF 1979

OREGON

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	_____	<u>54,640</u>	_____	_____	<u>26,520</u>	<u>81,160</u>

*Land Transactions January 1, 1979
to June 30, 1979 (in acres by county)

Crook		80				80
Harney		4,420				4,420
Jackson		1,260				1,260
Lake		2,400				2,400
Malheur		33,600				33,600

Total January 1 to June 30, 1979	_____	<u>41,760</u>	_____	_____	_____	<u>41,760</u>
CUMULATIVE TOTAL to June 30, 1979	_____	<u>96,400</u>	_____	_____	<u>26,520</u>	<u>122,920</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

SOUTH DAKOTA

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	<u>671,359</u>	<u>121,140</u>	<u>17,091</u>		<u>94,382</u>	<u>903,972</u>
*Land Transactions January 1, 1979 to June 30, 1979 (in acres by county)						
Butte	(27,615)					(27,615)
Custer	24,182	360			5,040	29,582
Dewey	4,079					4,079
Fall River	(2,043)	2,140			6,960	7,057
Harding	(334,673)					(334,673)
Lawrence	2,293					2,293
Meade	(23,851)					(23,851)
Pennington	11,066					11,066
Perkins	(125,350)					(125,350)
*Adjustment	(64,904)					(64,904)

Total January 1 to June 30, 1979	<u>(536,816)</u>	<u>2,500</u>			<u>12,000</u>	<u>(522,316)</u>
CUMULATIVE TOTAL to June 30, 1979	<u>134,543</u>	<u>123,640</u>	<u>17,091</u>		<u>106,382</u>	<u>381,656</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

TEXAS

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	<u>50,947</u>	_____	_____	_____	<u>975,926</u>	<u>1,026,873</u>
*Land Transactions January 1, 1979 to June 30, 1979 (in acres by county)						
Atascosa					193	193
Bee					6,807	6,807
Brooks					883	883
DeWitt					210	210
Duval	13,367				150,378	163,745
Fayette					4,376	4,376
Goliad					5,286	5,286
Gonzales					1,670	1,670
Jim Hogg					1,753	1,753
Jim Wells					2,489	2,489
Karnes					16,113	16,113
LaVaca					(138)	(138)
Live Oak					10,342	10,342
McMullen	920				869	1,789
Presidio	6,758					6,758
Starr	(864)					(864)
Webb					107,188	107,188
Zapata					(1,075)	(1,075)
<hr/>						
Total January 1 to June 30, 1979	<u>20,181</u>	_____	_____	_____	<u>307,344</u>	<u>327,525</u>
CUMULATIVE TOTAL to June 30, 1979	<u>71,128</u>	_____	_____	_____	<u>1,283,270</u>	<u>1,354,398</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

UTAH

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	<u>1,153,763</u>	<u>5,493,523</u>	<u> </u>	<u> </u>	<u>101,090</u>	<u>6,748,376</u>
*Land Transactions January 1, 1979 to June 30, 1979 (in acres by county)						
Beaver	53,533	16,120				69,653
Box Elder	115	540				655
Carbon	1,360	7,320				8,680
Duchesne	(14,021)	880				(13,141)
Emery	(14,263)	11,220				(3,043)
Garfield	(6,097)	9,900				3,803
Grand	(8,306)	13,860			(160)	5,394
Iron	57,417	6,780				64,197
Juab	(10,988)	27,220				16,232
Kane	1,320	9,160				10,480
Millard	4,288	8,360				12,648
Morgan	1,280					1,280
Piute	(5,515)					(5,515)
San Juan	(11,813)	(12,220)			60,621	36,588
San Pete	92					92
Sevier	1,560	240				1,800
Summit	32					32
Tooele	341					341
Uintah	(13,567)					(13,567)
Washington	830	45,880				46,710
Wayne	(4,388)	4,740				352
Total January 1, to June 30, 1979	<u>33,210</u>	<u>150,000</u>	<u> </u>	<u> </u>	<u>60,461</u>	<u>243,671</u>
CUMULATIVE TOTAL to June 30, 1979	<u>1,186,973</u>	<u>5,643,523</u>	<u> </u>	<u> </u>	<u>161,551</u>	<u>6,992,047</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

WASHINGTON

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	<u>187,988</u>	<u>142,420</u>	<u> </u>	<u>57,314</u>	<u>37,250</u>	<u>424,972</u>
*Land Transactions January 1, 1979 to June 30, 1979 (in acres by county)						
Ferry	5,043					5,043
Lincoln	2,890					2,890
Okanogan	(10,677)					(10,677)
Pend Orielle	899					899
Spokane	2,364					2,364
Stevens	5,986			7,932		13,918

Total January 1 to June 30, 1979	<u>6,505</u>	<u> </u>	<u> </u>	<u>7,932</u>	<u> </u>	<u>14,437</u>
CUMULATIVE TOTAL to June 30, 1979	<u>194,493</u>	<u>142,420</u>	<u> </u>	<u>65,246</u>	<u>37,250</u>	<u>439,409</u>

*Brackets, when used, indicate lease terminations, claim abandonments, etc.

FIRST HALF 1979

WYOMING

Acres Held by County and Land Category

	<u>State</u>	<u>Claim</u>	<u>Federally Acquired</u>	<u>Indian</u>	<u>Fee</u>	
CUMULATIVE TOTAL to January 1, 1979	<u>2,314,731</u>	<u>7,098,120</u>	<u>147,393</u>	<u>179,849</u>	<u>2,589,080</u>	<u>12,329,173</u>

*Land Transactions January 1, 1979
to June 30, 1979 (in acres by county)

Albany	(25,719)	55,100			800	30,181
Big Horn	(640)	(2,220)				(2,860)
Campbell	2,560	540			6,480	9,580
Carbon	(16,270)	(6,740)			(260)	(23,270)
Converse	(1,581)	30,580	2,560		3,051	34,930
Crook		3,240			15,862	19,102
Fremont	3,739	76,660			(240)	80,159
Natrona	(10,881)	49,140			4,130	42,389
Park	(7,472)				(820)	(8,292)
Platte	640				(4,611)	(3,971)
Sweetwater	(3,600)	5,600				2,000
Sublette	(1,932)	1,020				(912)
Washakie	(11,127)					(11,127)
Weston	1,280				1,520	2,800

Total January 1 to June 30, 1979	<u>(71,003)</u>	<u>212,920</u>	<u>2,560</u>		<u>26,232</u>	<u>170,709</u>
CUMULATIVE TOTAL to June 30, 1979	<u>2,243,728</u>	<u>7,311,040</u>	<u>149,953</u>	<u>179,849</u>	<u>2,615,312</u>	<u>12,499,882</u>

*Brackets, when used, indicate lease terminations; claim abandonments; etc.