

EXHIBIT "B"

Rocky Arroyo Unit Agreement, Eddy County,  
New Mexico

Schedule Showing the Nature and Extent of Ownership  
of oil and gas Rights in All Lands in the Unit Area

FEDERAL LANDS

<u>Description</u>	<u>No. of Acres</u>	<u>Las Cruces Serial No.</u>	<u>Ownership of Application or Oil and Gas Lease</u>
<u>T-20S, R-24E.</u>			
Section 33 E $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , S $\frac{1}{2}$	560	061741	Dora W. Payne
Section 34 All	640	061741	Dora W. Payne
Section 35 NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ S $\frac{1}{2}$	600	061741	Dora W. Payne
<u>T-20<math>\frac{1}{2}</math>S, R-23E</u>			
Section 33 Lot 4	45.27	061741	Dora W. Payne
Balance of Fractional Section 33	296.37	061764	Ray Hobbs
Section 34 All a fractional Section	343. <sup>3</sup> <sub>42</sub>	061741	Dora W. Payne
Section 35 Lot 4	46.10	061741	Dora W. Payne
<u>T-21S, R-23E</u>			
Section 1 All	639.48	061764	Ray Hobbs
Section 2 N $\frac{1}{2}$	320.28	061764	Ray Hobbs
Section 3 All	640.56	061764	Ray Hobbs
Section 4 All	641.04	061764	Ray Hobbs
Section 9 N $\frac{1}{2}$ , SW $\frac{1}{4}$ , E $\frac{1}{2}$ SE $\frac{1}{4}$	560	061744	George D. Riggs
W $\frac{1}{2}$ SE $\frac{1}{4}$	80	061686	James F. Warden
Section 10 All	640	061744	George D. Riggs

<u>Description</u>	<u>No. of Acres</u>	<u>Las Cruces Serial No.</u>	<u>Ownership of Application or Oil and Gas Lease</u>
<u>T-21S, R-23E (Cont.)</u>			
Section 11			
All	640	061744	George D. Riggs
Section 12			
All	640	061744	George D. Riggs
Section 13			
All	640	061746	Neil H. Wills
Section 14			
All	640	061746	Neil H. Wills
Section 15			
All	640	061746	Neil H. Wills
Section 21			
W $\frac{1}{2}$ , E $\frac{1}{2}$ NE $\frac{1}{4}$ , SE $\frac{1}{4}$	560	061746	Neil H. Wills
W $\frac{1}{2}$ NE $\frac{1}{4}$	80	061685	Smith, et al
Section 22			
All	640	061745	Edith Riggs
Section 23			
All	640	061745	Edith Riggs
Section 24			
All	640	061745	Edith Riggs
Section 25			
All	640	061743	Mary E. Wills
Section 26			
All	640	061743	Mary E. Wills
Section 27			
All	640	061743	Mary E. Wills
Section 28			
All	640	061745	Edith Riggs
Section 33			
All	640	061743	Mary E. Wills
Section 34			
All	640	061747	Louise Wertheim
Section 35			
All	640	061663	Estelle G. Woods
<u>T-22S., R. 23E</u>			
Section 1			
All	673.32	061766	Thomas A. Brown
Section 3			
N $\frac{1}{2}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ NE $\frac{1}{4}$	138.19	061663	Estelle G. Woods
NW $\frac{1}{4}$ , SE $\frac{1}{4}$ NE $\frac{1}{4}$ , S $\frac{1}{2}$	538.97	061747	Louise Wertheim

<u>Description</u>	<u>No. of Acres</u>	<u>Las Cruces Serial No.</u>	<u>Ownership of Application or Oil and Gas Lease</u>
<u>T-22S, R-23E (Cont.)</u>			
Section 4 N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$	598.76	061747	Louise Wertheim
Section 9 E $\frac{1}{2}$	320	061766	Thomas A. Brown
Section 10 All	640	061766	Thomas A. Brown
Section 11 All	640	061766	Thomas A. Brown
Section 12 NW $\frac{1}{4}$ , N $\frac{1}{2}$ SW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$	280	061766	Thomas A. Brown

STATE LANDS

<u>Description</u>	<u>No. of Acres</u>	<u>State Lease No. and Exp. Date</u>	<u>Oil and Gas Lease Ownership</u>
<u>T-20<math>\frac{1}{2}</math>S, R.23E</u>			
Section 36 NW $\frac{1}{4}$ SW $\frac{1}{4}$	46.39	B-10255-11 Exp. 4-26-53	Atkins S. Hopkins Cambridge, Mass.
NE $\frac{1}{4}$ SW $\frac{1}{4}$	46.36	B-9093-1 Exp. 4-15-51	Maurice Schwartz El Paso, Texas
SW $\frac{1}{4}$ SW $\frac{1}{4}$	40	E-487 Exp. 8-10-55	Potash Co. of America Carlsbad, New Mexico
SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	B-10061-5 Exp. 2-9-53	Alex Lunvall Cascade, Idaho
Lots 1 & 2	92.64	E-487 Exp. 8-10-55	Potash Co. of America
SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	B-10898-1 Exp. 1-7-54	W. W. Simon Superior, Arizona
SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	B-10061-2 Exp. 2-9-53	John P. Basner Pontiac, Mich.
<u>T-21S, R-23E.</u>			
Section 2 NW $\frac{1}{4}$ SW $\frac{1}{4}$	40	B-8462-1 Exp. 1-5-50	Addie P. Reynolds Los Angeles, Calif.
NE $\frac{1}{4}$ SW $\frac{1}{4}$	40	B-8890-17 Exp. 11-25-50	W. L. Tedford Little Rock, Ark.
SW $\frac{1}{4}$ SW $\frac{1}{4}$	40	B-8225-4 Exp. 6-22-49	Olive F. Smith Holly Hill, Fla.
SE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SE $\frac{1}{4}$	80	B-11554-Orig. Exp. 10-10-54	J. S. Harris Oklahoma City, Okla.

<u>Description</u>	<u>No. of Acres</u>	<u>State Lease No. and Exp. Date</u>	<u>Oil and Gas Lease Ownership</u>
<u>T-21S, R-23E. (Cont.)</u>			
<u>Section 2</u>			
NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	B-8851-19 Exp. 10-22-50	W. L. Tedford Little Rock, Ark.
NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	B-9425-28 Exp. 12-4-51	J. T. Boswell & S. J. Dooley, Kewanee, Ill.
SW $\frac{1}{4}$ SE $\frac{1}{4}$	40	E-487 Exp. 8-10-55	Potash Co. of America Carlsbad, New Mexico
<u>Section 16</u>			
NW $\frac{1}{4}$ NW $\frac{1}{4}$ , NE $\frac{1}{4}$ NE $\frac{1}{4}$	80	B-10730-24 Exp. 10-15-53	M. C. Parrish, Jr. Artesia, New Mexico
NE $\frac{1}{4}$ NW $\frac{1}{4}$	40	B-10404-9 Exp. 6-22-53	Charles Curren Gonzales, Calif.
SW $\frac{1}{4}$ NW $\frac{1}{4}$ , SW $\frac{1}{4}$ SW $\frac{1}{4}$	80	B-9141-1 Exp. 5-14-51	L. E. Stokes El Paso, Texas
SE $\frac{1}{4}$ NW $\frac{1}{4}$ , NW $\frac{1}{4}$ SE $\frac{1}{4}$	80	B-10806-25 Exp. 11-15-53	A. B. Nicholson St. Louis, Mo.
NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	B-8021-11 Exp. 2-15-49	Roy F. Wyatt Esparto, Calif.
SW $\frac{1}{4}$ NE $\frac{1}{4}$	40	B-10806-29 Exp. 11-15-53	Edward B. Hobart Greenfield, Mass.
SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	B-10806-30 Exp. 11-15-53	J. R. West Kansas City, Kansas
N $\frac{1}{2}$ SW $\frac{1}{4}$	80	E-487 Exp. 8-10-55	Potash Co. of America
SE $\frac{1}{4}$ SW $\frac{1}{4}$	40	B-8852-2 Exp. 10-23-50	Leo Monsen El Paso, Texas
NE $\frac{1}{4}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$	120	B-8978-1 Exp. 2-8-51	Maurice Schwartz El Paso, Texas
<u>Section 36</u>			
NW $\frac{1}{4}$ NW $\frac{1}{4}$	40	E-487 Exp. 8-10-55	Potash Co. of America Carlsbad, New Mexico
NE $\frac{1}{4}$ NW $\frac{1}{4}$	40	B-9663-20 Exp. 5-27-52	M. C. Parrish, Jr. Artesia, New Mexico
SW $\frac{1}{4}$ NW $\frac{1}{4}$	40	B-9377-14 Exp. 11-7-51	Joseph M. Ribas Syracuse, N.Y.
SE $\frac{1}{4}$ NW $\frac{1}{4}$	40	B-10730-24 Exp. 10-15-53	M. C. Parrish, Jr. Artesia, New Mexico
NW $\frac{1}{4}$ NE $\frac{1}{4}$	40	B-9542-Orig. Exp. 2-20-52	J. E. Farrell Ft. Worth, Texas

<u>Description</u>	<u>No. of Acres</u>	<u>State Lease No. and Exp. Date</u>	<u>Oil and Gas Lease Ownership</u>
<u>T-21S, R-23E. (Cont.)</u>			
Section 36			
NE $\frac{1}{4}$ NE $\frac{1}{4}$	40	B-10191-12 Exp. 3-31-53	M. C. Parrish, Jr. Artesia, New Mexico
SW $\frac{1}{4}$ NE $\frac{1}{4}$	40	B-11117-2 Exp. 3-4-54	Flora C. Hotchkis Los Angeles, Calif.
SE $\frac{1}{4}$ NE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$	80	B-10899-4 Exp. 1-7-54	Harley Lorenson Sheffield, Ill.
N $\frac{1}{2}$ SW $\frac{1}{4}$	80	B-9663-11 Exp. 5-27-52	Grace Hoxsey Davenport, Iowa
S $\frac{1}{2}$ SW $\frac{1}{4}$	80	B-9663-11 Exp. 5-27-52	Grace Hoxsey Davenport, Iowa
NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	B-8978-1 Exp. 2-8-51	Maurice Schwartz El Paso, Texas
NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	E-427 Exp. 8-10-55	Potash Co. of America Carlsbad, New Mexico
SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	B-9983-Orig. Exp. 12-29-52	Roy G. Barton Hobbs, New Mexico
<u>T-22S, R-23E</u>			
Section 2			
NW $\frac{1}{4}$ NW $\frac{1}{4}$	48.82	B-8515-20 Exp. 2-7-50	John Z. Broek Holland, Mich.
NE $\frac{1}{4}$ NW $\frac{1}{4}$	48.69 <sup>5</sup>	B-8515-21 Exp. 2-7-50	Abbie Lenock Chicago, Ill.
S $\frac{1}{2}$ NW $\frac{1}{4}$	80	B-9413-12 Exp. 11-18-51	J. W. Struthers Colorado Springs, Colo.
NW $\frac{1}{4}$ NE $\frac{1}{4}$	48.49	B-8515-35 Exp. 2-7-50	Norma Weiss Los Angeles, Calif.
NE $\frac{1}{4}$ NE $\frac{1}{4}$	48.32	B-8515-34 Exp. 2-7-50	J. C. Litton Los Angeles, Calif.
SW $\frac{1}{4}$ NE $\frac{1}{4}$	40	B-9373-9 Exp. 10-30-51	J. T. Boswell & S. J. Dooley Kewanee, Ill.
SE $\frac{1}{4}$ NE $\frac{1}{4}$	40	B-8515-18 Exp. 2-7-50	Gertrude B. Markin Brecksville, Ohio
NW $\frac{1}{4}$ SW $\frac{1}{4}$	40	B-10895-5 Exp. 1-7-54	Charles S. Sejnoha Chicago, Ill.
NE $\frac{1}{4}$ SW $\frac{1}{4}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ SW $\frac{1}{4}$ SE $\frac{1}{4}$	120	B-9413-11 Exp. 11-18-51	Dr. W. B. Wise Sheffield, Ill.

<u>Description</u>	<u>No. of Acres</u>	<u>State Lease No. and Exp. Date</u>	<u>Oil and Gas Lease Ownership</u>
<u>T-22S, R-23E.</u>			
Section 2			
SW $\frac{1}{4}$ SW $\frac{1}{4}$	40	B-10044-2 Exp. 1-18-53	Robert E. McKee El Paso, Texas
NW $\frac{1}{4}$ SE $\frac{1}{4}$	40	B-8515-7 Exp. 2-7-50	Sophie K. & Henrietta B. Schenck, New Brunswick, N.J.
NE $\frac{1}{4}$ SE $\frac{1}{4}$	40	B-9425-14 Exp. 12-4-51	E. E. Bowman Alhambra, Calif.
SE $\frac{1}{4}$ SE $\frac{1}{4}$	40	B-9425-17 Exp. 12-4-51	Herman Flender Superior, Arizona

PRIVATELY OWNED LANDS

<u>Description</u>	<u>No. of Acres</u>	<u>Ownership</u>
<u>T-20<math>\frac{1}{2}</math>S, R-23E.</u>		
Section 35		
All except Lot 4	298.82	Uncertain, not leased.
Total	23,040. <sup>8</sup> <sub>16</sub> <del>29</del> acres	

*(as shown)  
20S, R-23E, S-35, NW $\frac{1}{4}$  NW $\frac{1}{4}$  unleased*

Sept 18 1945  
Date

Sept 19 1945  
Date

Oct. 25-1945  
Date

\_\_\_\_\_  
Date

Leo Momen

R. E. Shaker

Maxim Schwartz

Sept. 13, 1945  
Date

~~Sept 13, 1945~~  
Date

Sept 14, 1945  
Date

~~Sept 14, 1945~~  
Date

Sept. 15, 1945  
Date

Sept 15, 1945  
Date

Sept - 17-1945  
Date

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Date

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Date

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Date

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Date

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Date

Estelle G. Woods.

Thomas D. Brewer

Maple Brewer

Herb H. Wills

Mary E. Wills

George J. King

Edith King

Louise Werthman

Sybil W. Payne

Bernice E. Payne

Ray Hobbs

Ida May Hobbs

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\_\_\_\_\_

COUNTY OF Eddy

On this 15th day of September, 1945, before me personally appeared Neil H. Mills, Mary E. Mills, George D. Riggs, Edith Riggs, Dora W. Payne and Bernie E Payne, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Louise Wertheim  
Notary Public

My commission expires

April 1, 1947

STATE OF NEW MEXICO

COUNTY OF Eddy

On this 15 day of September, 1945, before me personally appeared Louise Wertheim, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that she executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Norma T. Powers  
Notary Public

My commission expires:

Aug 22, 1949.

STATE OF New Mexico

COUNTY OF Eddy

On this 17<sup>th</sup> day of September, 1945, before me personally appeared Ray Hobbs and his wife Ida Mary Hobbs, to me known to be the persons described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Louise Wertheim  
Notary Public

My commission expires:

April 1, 1947

STATE OF New Mexico )  
COUNTY OF Eddy )

On this 13 day of Sept., 1945, before me personally appeared Estelle H. Woods to me known to be the person described in and who executed the foregoing instrument, and acknowledged that She executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Elsie G. Gorman  
Notary Public

My commission expires  
June 29 - 1947

STATE OF New Mexico )  
COUNTY OF Lincoln )

On this 13 day of Sept., 1945, before me personally appeared Sharon Lee Brown to me known to be the person described in and who executed the foregoing instrument, and acknowledged that she executed the same as hers free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Elsie G. Gorman  
Notary Public

My commission expires:  
Sept 22, 1949

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

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

My commission expires:  
\_\_\_\_\_

ATTEST:

POTASH COMPANY OF AMERICA,

R. Austin  
Assistant Secretary.

By G. F. Coope  
President.

*New Mexico*  
STATE OF ~~COLORADO~~ )  
~~CITY AND~~ : SS.  
COUNTY OF ~~DENVER~~ )

*Eddy*

On this 15<sup>th</sup> day of November, 1945, before me appeared G. F. COOPE to me personally known, who, being by me duly sworn did say that he is the President of POTASH COMPANY OF AMERICA, a Colorado corporation, and that the seal affixed to said instrument is the corporate seal of said corporation, and that said instrument was signed and sealed on behalf of said corporation by authority of its Board of Directors, and said G. F. Coope acknowledged said instrument to be the free act and deed of said corporation.

Michael H. Lumsfelt

WITNESS my hand and notarial seal this 15<sup>th</sup> day of November, 1945.

My commission expires March 30, 1947

Michael H. Lumsfelt  
Notary Public.

STATE OF Texas )  
COUNTY OF El Paso )

On this 18<sup>th</sup> day of Sept, 1945, before me personally appeared Lee Monahan to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

[Signature]  
Notary Public

My commission expires June 1, 1947

STATE OF Texas )  
COUNTY OF El Paso )

On this 19<sup>th</sup> day of Sept, 1945, before me personally appeared L. K. Stokes to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

[Signature]  
Notary Public

My commission expires: May 31, 1947

STATE OF Texas )  
COUNTY OF El Paso )

On this 25<sup>th</sup> day of Oct, 1945, before me personally appeared Maurice Schwartz to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

[Signature]  
Notary Public

My commission expires: 7

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

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

My commission expires: \_\_\_\_\_



STATE OF California )  
COUNTY OF Los Angeles )

On this 8<sup>th</sup> day of October, 1945, before me personally appeared E. S. Bowman to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

R. R. Jones

My commission expires 10/23/49

Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

Notary Public



STATE OF California)  
COUNTY OF Monterey)

On this 8<sup>th</sup> day of October, 1945, before me personally appeared Charles Patton (Curren) to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Ron E. Lazier  
Notary Public

My commission expires  
August 1, 1946

STATE OF \_\_\_\_\_)  
COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_  
Notary Public

STATE OF \_\_\_\_\_)  
COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_  
Notary Public



STATE OF Oklahoma )

COUNTY OF Oklahoma )

On this 9 day of October, 1945, before me personally appeared J. O. HARRIS

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires March 25, 1945

Paul Bagby  
Notary Public

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_, before me personally appeared \_\_\_\_\_

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

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

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_, before me personally appeared \_\_\_\_\_

to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

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

Oct. 2<sup>nd</sup>, 1945

Date

abbie Lenock  
1855 So. Kedzie Ave., Chicago,  
Illinois

\_\_\_\_\_

Date

STATE OF Illinois )  
COUNTY OF Cook )

On this 2<sup>nd</sup> day of October, 1945; before me personally appeared Abbe Lensch to me known to be the person described in and who executed the foregoing instrument, and acknowledged that She executed the same as free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires  
May 15-1947.

John H. Ehardt  
Notary Public

JOHN H. EHARDT  
Notary Public,  
Cook County, Ill.  
My Commission Expires  
May 15, 1947.

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_, before me personally appeared \_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

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

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_, before me personally appeared \_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

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



STATE OF Illinois )  
COUNTY OF Peoria )

On this 16<sup>th</sup> day of October, 1945, before me personally appeared Harley Foreman and Wilma Foreman <sup>his wife</sup> to me known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires Jan 27, 1946.

Ruth Robinson  
Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ he \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

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

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ he \_\_\_\_\_ executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

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



STATE OF Ohio )

COUNTY OF Cuyahoga )

On this 5<sup>th</sup> day of October, 1945, before me personally appeared Gertrude B. Markin to me known to be the person described in and who executed the foregoing instrument, and acknowledged that she executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

J. M. Cook  
Notary Public

My commission expires

J. M. COOK, Notary Public  
My Commission Expires March 9, 1946

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

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

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_ to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

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

Oct 15<sup>th</sup> 1945  
Date

Addie Porter Reynolds  
Los Angeles.

\_\_\_\_\_  
Date

STATE OF California)

COUNTY OF Los Angeles)

On this 16th day of Oct, 1945, before me personally appeared Archie Porter Reynolds, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that S he executed the same as her free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

Ruth N. Yitters  
Notary Public

My commission expires May 31 - 1948

STATE OF \_\_\_\_\_)

COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_ Notary Public

STATE OF \_\_\_\_\_)

COUNTY OF \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_ he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_ Notary Public

9/25/45  
Date

10-5-45  
Date

OCT 1 1945  
Date

\_\_\_\_\_  
Date

W. W. Simon.

Herman F. Fender

Ray G. Barton

STATE OF Arizona )  
COUNTY OF Pinal )

On this 25 day of September, 1945, before me personally appeared W. W. Siman to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires  
May 8 1948

Grace J. Dannel  
Notary Public

STATE OF Arizona )  
COUNTY OF Pinal )

On this 5 day of October, 1945, before me personally appeared Hernandez to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:  
May 8 1948

Grace J. Dannel  
Notary Public

STATE OF New Mexico )  
COUNTY OF Lea )

On this 10<sup>th</sup> day of October, 1945, before me personally appeared Roy S. Barton to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires:  
12-20-47

Alvin L. Childers  
Notary Public



STATE OF Kansas )

COUNTY OF Wyandotte )

On this 16th day of October, 1945, before me personally appeared J R West, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires June 24 1946

C. C. Van Bostern  
Notary Public

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

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

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_

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



STATE OF Illinois  
COUNTY OF ureau

On this 7 day of November, 1945, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

[Signature]  
Notary Public

My commission expires  
Mar. 17, 1946

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

My commission expires: \_\_\_\_\_ Notary Public

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 194\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as \_\_\_\_\_ free act and deed.

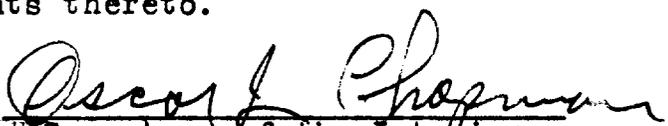
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate above written.

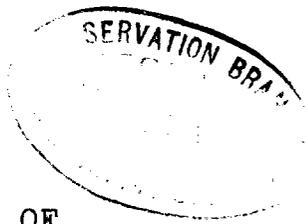
My commission expires: \_\_\_\_\_ Notary Public

APPROVAL - CERTIFICATION - DETERMINATION

Pursuant to the Statutory authority in the Secretary of the Interior, under the act approved March 4, 1931, 46 Stat. 1523, and the act approved August 21, 1935, 49 Stat. 674, amending the act approved February 25, 1920, 41 Stat. 437; 30 U. S. C. 226, 184 and 189, in order to secure the proper protection of the public interest, I, OSCAR L. CHAPMAN <sup>Assistant</sup> Secretary of the Interior, this 28<sup>th</sup> day of January, 1946 hereby take the following action:

- A. Approve the attached agreement for the development and operation of the Rocky Arroyo Unit Area.
- B. Determine and certify that the plan of development and operation contemplated in said agreement is for the purpose of more properly conserving oil or gas resources of said unit area and is necessary or advisable in the public interest.
- C. Certify that each and every lease heretofore or hereafter issued for lands of the United States subject to, or which may hereafter become subject to, said agreement shall be excepted in determining holdings or control under the provisions of any section of the Act of Congress approved February 25, 1920, and amendments thereto.

  
Assistant Secretary of the Interior



CERTIFICATE OF APPROVAL BY COMMISSIONER OF  
PUBLIC LANDS, STATE OF NEW MEXICO, OF UNIT  
AGREEMENT FOR DEVELOPMENT AND OPERATION OF  
ROCKY ARROYO UNIT AREA, EDDY COUNTY, NEW  
MEXICO

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There having been presented to the undersigned Commissioner of Public Lands of the State of New Mexico for examination, an agreement for the development and operation of the Rocky Arroyo Unit Area, Eddy County, New Mexico, dated September 13, 1945, in which the Potash Company of America is designated as Operator and which has been executed by various parties owning and holding oil and gas leases embracing lands within the unit area and upon examination of said agreement the Commissioner finds:

a. That such agreement will tend to promote the conservation of oil and gas and the better utilization of reservoir energy in said field;

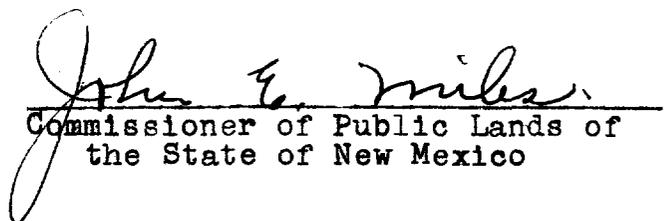
b. That under the operations proposed, the State will receive its fair share of the recoverable oil or gas in place under its lands in the area affected;

c. That the agreement is in other respects for the best interest of the State;

d. That the agreement provides for the unit operation of the field, for the allocation of production, and the sharing of proceeds from a part of the area covered by the agreement on an acreage basis as specified in the agreement;

NOW, THEREFORE, by virtue of the authority conferred upon me by Chapter 88 of the Laws of the State of New Mexico, 1943, approved April 14, 1943, I, the undersigned, Commissioner of Public Lands of the State of New Mexico, for the purpose of more properly conserving the oil and gas resources of the State, do hereby consent to and approve the said agreement, as to the lands of the State of New Mexico included in said Rocky Arroyo Unit Agreement, and subject to all the provisions of the aforesaid Chapter 88 of the Laws of the State of New Mexico, 1943.

Executed this 12<sup>th</sup> day of December, 1945.

  
Commissioner of Public Lands of  
the State of New Mexico