BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO

IN THE MATTER OF THE APPLICATION OF MINERAL RESOURCES, INC. FOR AN ORDER POOLING INTERESTS IN THE NIOBRARA FORMATION FOR A HORIZONTAL WELL LOCATED IN A PORTION OF THE WATTENBERG FIELD AND FOR THE ESTABLISHMENT OF THE SIZE OF THE DRILLING AND SPACING HORIZONTAL UNIT FOR THE PRODUCTION OF OIL AND GAS FROM THE NIOBRARA FORMATION IN WELD COUNTY, COLORADO

ORIGINAL CO

COMES NOW, Mineral Resources, Inc., a Colorado corporation ("Applicant") by and through its attorney, Thomas J. Kimmell, P.C. and for its application for an order for the involuntary pooling of certain interests in production from the Niobrara formation in the lands described below pursuant to CRS § 34-60-116 and for an order establishing the size of a horizontal drilling and spacing unit implemented pursuant to Cause No. 407-87 and Rule 318A(I)(a)(4)(D), states and alleges as follows:

 Applicant is duly authorized to conduct business in the State of Colorado and owns an interest in and operates oil and gas leases and mineral interests covering portions of certain lands located in Weld County, Colorado described as follows:

> T5N, R66W, 6th P.M., Weld County, Colorado Section 2: N/2

- 2. The above-described lands are included within the area governed by the Greater Wattenberg Area Special Well Location Rule, Rule 318A (I) of the Commission rules and the Wattenberg spaced area for the production of oil and gas from the Niobrara formation (See Order No. 407-87 for the Niobrara formation).
- 3. Pursuant to Rule 318A(I)(a)(4)(D), where a drilling and spacing unit does not exist for a horizontal well, as in the present case, a horizontal wellbore spacing unit shall be designated by the operator for each proposed horizontal well. The horizontal wellbore spacing unit shall be comprised of the governmental quarter-quarter sections in which the wellbore lateral penetrates the productive formation as well as any governmental quarter-quarter sections that are located less than four hundred sixty (460) feet from the portion of the wellbore lateral that penetrates the productive zone regardless of section or quarter section lines. In the present case, the laterals of the proposed well will either penetrate or be located within 460 feet of eight quarter quarter sections comprising in total Section 2: N/2.
- 4. Applicant is not requesting the change of any established 80-acre drilling and spacing units or the established distribution of proceeds from any existing vertical Niobrara formation well. Applicant will allocate and distribute proceeds from the horizontal well on a 320-acre basis.
- 5. Applicant has received permits to drill the well from the Drill Site.
- 6. Consistent with the findings in the rulemaking that resulted in the adapted Rule 318A(I)(a)(4)(D) and in order to protect the correlative rights of the owners of the landowners' and overriding royalty interests in and to production from the Niobrara formation in and under the lands above described and to ensure that each such owner has the opportunity to recover his or her just and equitable share of the oil, gas and associated hydrocarbons produced and to be produced from the Niobrara formation, it is necessary to designate the one 320-acre drilling and spacing unit consisting of the N/2 of Section 2 described above.
- 7. As set forth above, Applicant intends to drill 1 well to test the Niobrara formation in and under the N/2 of Section 2 above described and Applicant is proposing

one 1 well package for the Spacing Unit, due to the costs and risks of the overall project.

- 8. Due to the costs and risks associated with the proposed wells, the creation of one 320-acre drilling and spacing unit for the quarter section is necessary to ensure that each such owner has the opportunity to recover his, her or its just and equitable share of the oil, gas and other associated hydrocarbons produced and to be produced from the Niobrara formation in and under the N/2 of Section 2 above described.
- 9. Applicant owns and operates oil and gas leases and controls mineral interests in the N/2 of Section 2 above-described. A plat of the Spacing Unit is attached hereto as Exhibit A.
- 10. According to the title work completed by Applicant, the unleased interests in the N/2 of Section 2 are owned by the persons identified on Exhibit B attached hereto.
- 11. More than 30 days prior to the date this matter will be heard, by letters sent to the persons described in Exhibit B whose interest is unleased, Applicant offered to lease the interests in the oil and gas owned by those parties in the Spacing Unit. The letters included a proposed lease. A representative sample of the letter is attached hereto as Exhibit C.
- 12. The offer to lease was made pursuant to C.R.S. § 34-60-116(7) c and Rule 530 of the rules of the Commission and the terms thereof comply with the requirements of the statute and rule.
- 13. In addition, in the letter containing the offer to lease described in paragraph 15, Applicant included the opportunity for each owner identified on <u>Exhibit B</u> to bear his, her or its proportionate share of the costs and risks of the drilling and operating the one well currently planned for each Spacing Unit. The letters included the following information as required by Rule 530 of the Commission's rules:

The location and objective depths of the one well to be drilled in the Spacing Unit,

The estimated drilling and completion costs of the one well to be drilled in the Spacing Unit,

The estimated spud dates for the well to be drilled in the Spacing Unit or range of time within which the spudding is to occur and

An AFE prepared by the Applicant and containing the information described above.

- 14. More than 30 days prior to the date this matter will be heard, the parties listed on Exhibit B, who have not elected to bear his, her or its proportionate share of the costs and risks of drilling and operating the one well to be drilled in the Spacing Unit will have become non-consenting owners as defined by C.R.S. § 34-60-116(7) and Rule 530 of the rules of the Commission.
- 15. In order to prevent waste, protect correlative rights and in the best interests of conservation and to foster, encourage and promote the development, production and utilization of the oil and gas natural resources, all the unleased interests in the Spacing Unit in the Niobrara formation owned by the parties listed on Exhibit B should be pooled in accordance with the provisions of C.R.S. § 34-60-116.

WHEREFORE, Applicant respectfully requests that this matter be set for hearing, that notice thereof be given as required by law and that upon such hearing, this Commission enter its order:

 a. That the N/2 of Section 2 above described be designated as a drilling and spacing unit for production of oil, gas and associated hydrocarbons from the Niobrara formation,

- b. That the unleased interests in the 320-acre drilling and spacing unit consisting of the N/2 of Section 2 described above in the Niobrara formation owned by the parties listed on Exhibit B who are "non-consenting owners" as defined by Rule 530 of the rules of the Commission be pooled and that such owners be treated as non-consenting owners under C.R.S. § 34-60-116,
- c. Authorizing the production of oil, gas and associated hydrocarbons from the Niobrara formation from locations that are permitted by Rule 318A, and
- d. For such other and further relief as this Commission deems just and proper.

Dated this 3rd day of May, 2012.

Respectfully Submitted,

Mineral Resources, Inc.

3y:

Thomas J. Kimmell, P.C.

Its Attorney

Zarlengo & Kimmell, PC

1775 Sherman Street, Suite 1375

Denver, CO 80203 Phone: 303-832-6204 Fax: 303-832-6401

Email: Kimmell01@aol.com

STATE OF COLORADO) ss COUNTY OF WELD)

Logan Richardson, of lawful age, being first duly sworn upon oath, deposes and says that he is employed by Applicant, that he has read the foregoing Application and that the matters therein contained are true to the best of his knowledge, information and belief.

Logan Richardson

Subscribed and sworn to before me this 3rd day of May, 2012 Witness my hand and official seal.

My commission expires: Nov. 17, 2014

Notary Public

3

Surface Location eva rise n の方が関している。 Spacing Unit Path of the Wellbore A 45th Avenue C Pheasant Run Park

Exhibit "A"
Plat of Spacing Unit
Bestway 12-2 Well

Township 5 North, Range 66 West, 6th P.M. Section 2: N/2 City of Greeley, County of Weld, State of Colorado

Exhibit "B"
List of Non-Consenting Owners

Full Name	Address 1	Address 2	City	State	Zip
Stephen H Moore And Janet L Moore	208 43 AVE		GREELEY	со	80634
Pender Family Trust	214 43 AVE		GREELEY	СО	80634
Susan Sheetz	239 41 AVE		GREELEY	co	80634
David A Aragon And Maria Rosa Aragon	231 41 AVE		GREELEY	со	80634
David W Mathis And Sandra L Mathis And Dan J Mathis And Mary Virginia Mathis	215 41 Ave		GREELEY	со	80634
Johnna L Rawlings	216 42 AV		GREELEY	co	80634
Jose Barraza And Morales Mary	208 42 AV		GREELEY	co	80634
Shelli D Bahr	224 42 AVE		GREELEY	co	80634
David L Harms And Kathy K Harms	201 43 AVE		GREELEY	co	80634
Gary G Dederick And Darlene K Dederick	206 N 43 AVE		GREELEY	со	80634
Loyal D Gallatin And Judy R Gallatin	104 N 43 AVE		GREELEY	со	80634
Geraldine McDonald And Michael John Weber And Barbara Jean Pickett	205 North 43rd Avenue		Greeley	со	80634
Danny L Rockwell And Cheryl A Rockwell	102 43 AVE		GREELEY	со	80634
Wilford Talmadge And Susan Talmadge	103 N 43 AVE		GREELEY	co	80634
Mary M Beard	209 42 AVE		GREELEY	CO	80634
Jayme L Hagan	107 43 AV		GREELEY	co	80634
Thomas C Lang And Heather L Lang	106 43 AVE		GREELEY	co	80634
Mark A Gryboski And Teresa A Simpson	307 N 43 AVE		GREELEY	со	80634
Sandra A Abernathy And Robert Storey	313 N 43 AVE		GREELEY	со	80634
James E Medina And Monica J Medina	PO box 142		Gill	со	80624
Bernice E Camenisch	1112 OAKRIDGE DR STE 104-288		FT COLLINS	со	80525
Beverly S Morita	244 43 AVE		GREELEY	CO	80634
Charles E Sargent And Darlene A Sargent	236 43RD AV		GREELEY	со	80634
Christopher J Shovlin And Sherri L Shovlin	227 42 AVE		GREELEY	со	80634
Greg Boehm And Marilyn Boehm	232 43 AVE		GREELEY	СО	80634
Isidro L De La Rosa	213 42 AVE		GREELEY	СО	80634
Jeffrey S Smith And Leah K Smith	119 N 42 AVE		GREELEY	СО	80634
Mary M Powell And Stephen B Powell	107 N 42ND AVE		GREELEY	со	80634
Michael M Matz And Debra J Hjelle	237 42 AVE		GREELEY	co	80634
Trent Wortman	301 42 AV		GREELEY	co	80624
David Stang And Hope Stang	210 N 43 AVE		GREELEY	co	80634
Mary Ann Trujillo And Manuel Saenz	225 43 AVE		GREELEY	СО	80634
E. Georgine Brinkman	245 43 AVE		GREELEY	CO	80634
Chester C Crouse And Norma J Crouse	308 N 43 AV		GREELEY	со	80634
Gerry L Morris And Lovice J Morris	105 42ND AVENUE		GREELEY	co	80634
Walter W Marx And Melinda K Marx	229 43 AVE		GREELEY	CO	80634
Gregory K Gabel And Linda H Gabel	241 43RD AV		GREELEY	СО	80634
Gerard J Karlin And Nancy J Karlin	231 43 AVE		GREELEY	co	80634
Richard Y Lara And Roxanne Lara	239 43RD AVE		GREELEY	co	80634
Manuel O Naranjo And Kathleen R Naranjo	212 N 42ND AVE		GREELEY	со	80634
Alan Lee Pettyjohn	204 N 42 AVE		GREELEY	СО	80634
Barbara Colwell And J David	104 42 AVE		GREELEY	СО	80634

Esther M Alles And Phillip H Alles	4110 3 ST		GREELEY	СО	8063
William E Sayles And Sandra L Sayles	106 N 42 AVE		GREELEY	СО	8063
Timothy R Ouellette And Vicki L Ouellette	203 42 AVE		GREELEY	СО	8063
Michael S Brown And Stacy L Brown	320 N 43 AVE		GREELEY	со	8063
Gerald M Miyoshi And Miyoshi Iris	249 43RD AVE		GREELEY	СО	80634 1162
Steven C Printz And Theresa D Printz	4023 W 2 ST		GREELEY	СО	8063
Dennis L Kindred And Roberta J Kindred	317 N 42ND AVENUE		GREELEY	СО	8063
Carl A Gooding And Hester Gooding	314 N 43 AVE		GREELEY	СО	8063
Julie S Nagata	316 N 42ND AAVENUE		GREELEY	CO	8063
Lenny L Phillips And Korina K Phillips	307 42 AV		GREELEY	СО	8063
Beverly B Anderson And David P Anderson	110 N 42 AVE		GREELEY	со	8063
Daniel P Schneider And Jamie L Schneider	300 41 AVE		GREELEY	со	8063
Larry Phillip Holder And Betsy D Holder	202 41 AVE		GREELEY	со	8063
Jerry Blake And Margaret Blake	230 41 AV		GREELEY	CO	8063
Dave S Williamson And Sherry R Williamson	319 N 43 AVE		GREELEY	СО	8063
Jeremy A Hart	4035 W 4TH ST		GREELEY	CO	8063
Tracy Sue Trentlage	3914 B ST		GREELEY	CO	8063
Steven Clyde Nale And Sheree L Nale	118 40TH AVE		GREELEY	СО	8063
Ronald G Johnson And Gloria J Johnson	222 40 AV		GREELEY	СО	8063
Gene R Brantner And Carol A Brantner	307 40 AVE		GREELEY	со	8063
Brian L Stoll	320 40 AVE		GREELEY	CP	8063
David E Trevarton And Ann L Trevarton	108 40TH AVE		GREELEY	СО	8063
Bart A Petersen	217 N 40TH AVE		GREELEY	CO	8063
Feng Chin Huang And Liang Hsiung Huang	107 40 AVE		GREELEY	СО	8063
Jack L Hough And Shirley L Hough	203 N 40TH AVE		GREELEY	CO	8063
Kurt Weaver	225 N 40 AVE		GREELEY	СО	8063
Mark E Ulrich And Jamie J Ulrich	219 40 AVE		GREELEY	СО	8063
Michele L Williams And Scott A Williams	115 N 40 AVE		GREELEY	СО	8063
James Brian Hill And Heather Lea Hill	8519 146TH PL SE		NEWCASTLE	WA	98059 9268
Sandra A Ford	200 Chambers St Unit 17		El Cajon	CA	9202
Ronald Redfern And Jodie R Redfern	111 38 AVE		GREELEY	СО	8063
John Roedel	104 38 AVE		GREELEY	CO	8063
Marvin Z Kark Lowell One LLC And Lowell Two	410 17th Street, #1110 C/O MARILYN BUNN	10305 DICKENS	Denver BETHESDA	CO MD	802024 2081

*

Exhibit "C" Representative Sample of Letter



Mail: P.O. Box 328 Greeley, Colorado 80632 * Phone: 970.352.9446 * Fax: 800.850.9334

April 27, 2012

Wilford Talmadge 103 N 43 AVE GREELEY, CO 80634

RE:

Bestway 12-2 - HORIZONTAL WELL PROPOSAL

Weld County, Colorado

Dear Wilford Talmadge and Susan Talmadge:

I am writing on behalf of Mineral Resources, Inc., a Greeley, Colorado based oil and gas exploration company. You may have already been contacted by us with respect to leasing or selling your mineral interest. The purpose of this letter is to provide you with notice of your right to participate in the Bestway 12-2 well.

Mineral Resources, Inc. hereby proposes the drilling of the Bestway 12-2 well (the "Well") on a horizontal basis to an approximate depth of 6850' to test the Niobrara formation.

The details of the Well and the associated Unit are described as follows:

1. Spacing Unit:

The spacing unit will be comprised of the N/2 of Section 2, T5N, R66W, Weld County Colorado (the "Unit").

2. Surface Location:

SE/4NE/4 of Section 2, T5N, R66W - 2399' FNL and 1180' FEL of said Section 2. Located West of 35^{th} Avenue and North of West 4^{th} Street in the Bestway gravel pit in the City of Greeley, Colorado.

3. Bottom Hole Location:

Start – 1340' FNL and 460' FEL of Section 2, T5N, R66W. End – 1341' FNL and 460' FEL of Section 2, T5N, R66W.

The lateral of the Well is intended to penetrate and traverse within the Niobrara formation, on a East-West basis, the N/2 of Section 2, T5N, R66W.

4. Anticipated Spud Date:

May 15, 2012 – This date is an estimated spud date.

5. Authority for Expenditure ("AFE"):

The estimated costs to drill, complete and equip the Bestway 12-2 well are set forth in the AFE.

As an owner of a mineral interest, you have several options of participation from which to choose. The options are as follows:

Oil and Gas Lease - We have enclosed for your review and execution an Oil and Gas Lease. This lease contains terms consistent with the prevailing rate being offered in the area in providing for a 14% royalty interest in proportion to your acreage and a five (5) year primary term. As consideration for signing the lease Mineral Resources will pay you \$300.00 per net acre upon the receipt of a signed and notarized oil and gas lease.

<u>Mineral Quit Claim Deed</u> - As a second option, you may sell your interest to Richmark Development, LLC, an affiliate company of Mineral Resources. Please call our offices for more information regarding a one-time buyout offer at 970-352-9446.

Participate as a Working Interest Owner - As an alternative to leasing or selling your mineral interest, you may participate as a working interest owner and bear your proportionate share of the costs and risks of the drilling and operating of the Well within the Unit. We have attached an Authority for Expenditure, which estimates a completed well cost of \$4,808,355 for the Well. This offer is being made pursuant CRS §34-60-116 (7) (a) and Rule 530 of the Rules and Regulations of the Colorado Oil and Gas Conservation Commission. Your estimated cost to participate as a Working Interest Owner is \$865. THE ACTUAL COST OF THE WELL MAY BE MORE OR LESS THAN THE AMOUNT ESTIMATED IN THE AFE and IF THE COSTS EXCEED THE AMOUNT OF THE AFE, YOU WILL BE LIABLE FOR YOUR PORPORTIONATE SHARE OF THE EXCESS COST and FOR YOUR SHARE OF OPERATING EXPENSES.

If you elect to participate as a Working Interest Owner in the Well, you must indicate your election regarding participation and return the enclosed executed Election Letter, a signed AFE and payment in the amount of \$865 to Mineral Resources within thirty (30) days from receipt of this notice.

If you do not sign and return either the enclosed Oil and Gas Lease or the signed election letter with each of the above mentioned items you will be considered a non-consenting owner in the operation. Please indicate your election regarding your participation on the third page of this notice.

Please call me at 970-352-9446 with any questions regarding this proposal so that they may be resolved within the next thirty (30) days.

Sincerely,

MINERAL RESOURCES, INC.

Amy Boyd

PARTICIPATION ELECTION

Bestway 12-2 (Well) N/2 of Section 2, T5N, R66W (Unit)

Wilford Talmadge and Susan Talmadge elects to le Resources, Inc. and has included herewith a fully ex-	
Wilford Talmadge and Susan Talmadge elects to pa Well to be located in the Unit above described.	articipate as a Working Interest Owner in the
Wilford Talmadge and Susan Talmadge elects not above described.	to participate in the Well to be located in Unit
Signed this day of, 2012	
Wilford Talmadge	Susan Talmadge

OIL AND GAS LEASE

This Oil and Gas Lease ("Lease") is made this , 2012 by and between WILFORD TALMADGE AND SUSAN TALMADGE whose day of _ address is 103 N 43 AVE GREELEY, CO 80634, ("Lessor", whether one or more) and MINERAL RESOURCES, INC., whose address is P.O. Box 328, GREELEY, COLORADO 80632 ("Lessee").

WITNESSETH, For and in Consideration of TEN DOLLARS, the covenants and agreements contained herein, and other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, Lessor does hereby grant, demise, lease and let exclusively unto said Lessee, with the exclusive rights for the purposes of mining, exploring by geophysical and other methods and operating for and producing therefrom oil and all gas of whatsoever nature or kind (including coalbed gas), and laying pipelines, telephone and telegraph lines, building tanks, plants, power stations, roadways and structures thereon to produce, save and take care of said products (including dewatering of coalbed gas wells), and the exclusive surface or subsurface rights and privileges related in any manner to any and all such operations, and any and all other rights and privileges necessary, incident to, or convenient for the operation alone or conjointly with neighboring land for such purposes, all that certain tract or tracts of land situated in Weld County, Colorado, described to wit:

TOWNSHIP 5 NORTH, RANGE 66 WEST, 6TH P.M.

SECTION 2:

PART OF THE NW/4 BEING MORE PARTICUALARLY DESCRIBED AS FOLLOWS:

GR 4LA3-8 Lot 2 LARSON SUB 4TH REPLAT OF Lot 7 & 8, Block 3, LARSON SUB 4TH FILING 103 43 Avenue

Greeley, Colorado

INCLUDING ANY STRIPS OR PARCELS OF LAND CONTIGUOUS THERETO OR IN SAID SECTION.

CONTAINING 0.0576 NET ACRES, MORE OR LESS (the "Premises")

Notwithstanding anything to the contrary herein contained, this lease is a "No Surface Occupancy" Oil and Gas Lease. It is agreed and understood that Lessee its successors or assigns shall not conduct any operations or locate any facilities on the surface of the leased lands. It is understood that Lessee, its successors or assigns shall not be allowed any access to the surface of the leased lands without written consent of Lessor. It is further agreed that Lessee shall have the right to drill and operate directional wells through and under said land irrespective of the bottom hole locations of said wells. To this end, Lessor hereby grants to Lessee a subsurface easement for all purposes associated with such directional wells.

- 1. It is agreed that this Lease shall remain in full force for a term of five (5) years from this date ("Primary Term") and as long thereafter as oil or gas of whatsoever nature or kind is produced from the Premises or on acreage pooled or unitized therewith, or operations are continued as hereinafter provided. At any time during the Primary Term of this Lease, Lessee, at its option may make tender to Lessor payment in the amount of \$100 per net mineral acre, thereby extending the Primary Term of this Lease by an additional five (5) years. If, at the expiration of the Primary Term, oil or gas is not being produced from the Premises or on acreage pooled or unitized therewith but Lessee is then engaged in drilling, reworking or dewatering operations thereon, then this Lease shall continue in force so long as such operations are being continuously prosecuted. Operations shall be considered to be continuously prosecuted if not more than ninety (90) days shall elapse between the completion or abandonment of one well and the beginning of operations for the drilling of a subsequent well. If after discovery of oil or gas on the Premises or on acreage pooled or unitized therewith, the production thereof should cease from any cause after the primary term, this Lease shall not terminate if Lessee commences additional drilling, reworking or dewatering operations within ninety (90) days from date of cessation of production or from date of completion of a dry hole. If oil or gas shall be discovered and produced as a result of such operations at or after the expiration of the Primary Term, this Lease shall continue in force so long as oil or gas is produced from the Premises or on acreage pooled or unitized therewith.
- 2. This is a PAID-UP LEASE. In consideration of the payment made herewith, Lessor agrees that Lessee shall not be obligated, except as otherwise provided herein, to commence or continue any operations during the primary term. Lessee may at any time or times during or after the Primary Term surrender this Lease as to all or any portion of the Premises and as to any strata or stratum, by delivering to Lessor or by filing for record a release or releases, and be relieved of all obligations thereafter accruing as to the acreage surrendered.
- 3. The royalties to be paid by Lessee are: (a) on oil and other liquid hydrocarbons, 14% of that produced and saved from said land, the same to be delivered at the wells, or to the credit of Lessor into the pipeline to which the wells may be connected; Lessee may from time to time purchase any royalty oil in its possession, paying the market price therefore prevailing for the field where produced on the date of purchase; (b) on gas and the constituents thereof produced from said land and sold or used off the premises or in the manufacture of products therefrom, the market value at the well of 14% of the product sold or used. On product sold at the well, the royalty shall be 14% of the net proceeds realized from such sale. All royalties paid on gas sold or used off the premises or in the manufacture of products therefrom will be paid after deducting from such royalty Lessor's proportionate amount of all post-production costs, including but not limited to gross production and severance taxes, gathering and transportation costs from the wellhead to the point of sale, treating, compression, and processing. On product sold at the well, the royalty shall be 14% of
- the net proceeds realized from such sale, after deducting from such royalty Lessor's proportionate amount of all of the above post-production costs and expenses, if any.

 4. Where gas from a well capable of producing gas (or from a well in which dewatering operations have commenced), is not sold or used after the expiration of the Primary Term, Lessee shall pay or tender as royalty to Lessor at the address set forth above One Dollar (\$1.00) per year per net mineral acre, such payment or tender to be made on or before the anniversary date of this Lease next ensuing after the expiration of ninety (90) days from the date such well is shut in or dewatering operations are commenced and thereafter on or before the anniversary date of this Lease during the period such well is shut in or dewatering operations are being conducted.

 5. If Lessor owns a lesser interest in the Premises than the entire and undivided fee simple estate therein, then the royalties (including any shut-in gas
- royalty) herein provided for shall be paid Lessor only in the proportion which Lessor's interest bears to the whole and undivided fee.
 - 6. Lessee shall have the right to use, free of cost, gas, oil and water produced on the Premises for Lessee's operations thereon, except water from the wells

of Lessor.

- 7. When requested by Lessor, Lessee shall bury Lessee's pipeline below plow depth.
- 8. No well shall be drilled nearer than 200 feet to the house or barn now on the Premises without written consent of Lessor.
- 9. Lessee shall pay for damages caused by Lessee's operations to growing crops on the Premises.
- Lessee shall have the right at any time to remove all machinery and fixtures (including casing) Lessee has placed on the Premises.
 The rights of the Lessor and Lessee hereunder may be assigned in whole or part. No change in ownership of Lessor's interest (by assignment or otherwise) shall be binding on Lessee until Lessee has been furnished with notice, consisting of certified copies of all recorded instruments or documents and other information necessary to establish a complete chain of record title from Lessor, and then only with respect to payments thereafter made. No other kind of notice, whether actual or constructive, shall be binding on Lessee. No present or future division of Lessor's ownership as to different portions or parcels of the Premises shall operate to enlarge the obligations or diminish the rights of Lessee, and all Lessee's operations may be conducted without regard to any such division. If all or any part of this Lease is assigned, no leasehold owner shall be liable for any act or omission of any other leasehold owner.
- 12. Lessee, at its option, is hereby given the right and power at any time and from time to time as a recurring right, either before or after production, as to all or any part of the Premises and as to any one or more of the formations thereunder, to pool or unitize the leasehold estate and the mineral estate covered by this Lease with other land, lease or leases in the immediate vicinity for the production of oil and gas, or separately for the production of either, when in Lessee's judgment it is necessary or advisable to do so, and irrespective of whether authority similar to this exists with respect to such other land, lease or leases. Likewise units previously formed to include formations not producing oil or gas may be reformed to exclude such non-producing formations. The forming or reforming of any unit shall be accomplished by Lessee executing and filing of record a declaration of such unitization or reformation, which declaration shall describe the unit. Any unit may include land upon which a well has theretofore been completed or upon which operations for drilling have theretofore been commenced. Production, drilling, reworking or dewatering operations or a well shut in for want of a market anywhere on a unit which includes all or a part of this Lease shall be treated as if it were production, drilling, reworking or dewatering operations or a well shut in for want of a market under this Lease. In lieu of the royalties elsewhere herein specified, including shut-in gas royalties, Lessor shall receive royalties on production from such unit only on the portion of such production allocated to this Lease; such allocation shall be that proportion of the unit production that the total number of surface acres covered by this Lease and included in the Unit bears to the total number of surface acres in such Unit. In addition to the foregoing, Lessee shall have the right to unitize, pool, or combine all or any part of the Premises as to one or more of the formations thereunder with other lands in the same general area by entering into a cooperative or unit plan of development or operation approved by any governmental authority and, from time to time, with like approval, to modify, change or terminate any such plan or agreement and, in such event, the terms, conditions and provisions of this Lease shall be deemed modified to conform to the terms, conditions, and provisions of such approved cooperative or unit plan of development or operation and, particularly, all drilling and development requirements of this Lease, express or implied, shall be satisfied by compliance with the drilling and development requirements of such plan or agreement, and this Lease shall not terminate or expire during the life of such plan or agreement. In the event that the Premises or any part thereof, shall hereafter be operated under any such cooperative or unit plan of development or operation whereby the production therefrom is allocated to different portions of the land covered by said plan, then the production allocated to any particular tract of land shall, for the purpose of computing the royalties to be paid hereunder to Lessor, be regarded as having been produced from the particular tract of land to which it is allocated and not to any other tract of land; and royalty payments to be made hereunder to Lessor shall be based upon production only as so allocated. Lessor shall formally express Lessor's consent to any cooperative or unit plan of development or operation adopted by Lessee and approved by any governmental agency by executing the same upon request of Lessee.
- 13. All express or implied covenants of this Lease shall be subject to all Federal and State Laws, Executive Orders, Rules or Regulations, and this Lease shall not be terminated, in whole or in part, nor Lessee held liable in damages, for failure to comply therewith if compliance is prevented by, or if such failure is the result of,

any such Law, Order, Rule or Regulation. Any delay or interruption caused by storm, flood, act of God or other event of force majeure shall not be counted against Lessee. If, due to the above causes or any cause whatsoever beyond the control of Lessee, Lessee is prevented from conducting operations hereunder, such time shall not be counted against Lessee, and this Lease shall be extended for a period of time equal to the time Lessee was so prevented, anything in this Lease to the contrary notwithstanding.

- 14. Lessor hereby agrees that the Lessee shall have the right at any time to redeem for Lessor by payment any mortgages, taxes or other liens on the above described lands, in the event of default of payment by Lessor, and be subrogated to the rights of the holder thereof, and the undersigned Lessors, for themselves and their heirs, successors and assigns, hereby surrender and release all right of dower and homestead in the Premises, insofar as said right of dower and homestead may in any way affect the purposes for which this Lease is made, as recited herein.
- 15. Should any one or more the parties named as Lessor herein fail to execute this Lease, it shall nevertheless be binding upon all such parties who do execute it as Lessor. The word "Lessor", as used in this Lease, shall mean any one or more or all of the parties who execute this Lease as Lessor. All the provisions of this Lease shall be binding on the heirs, successors and assigns of Lessor and Lessee.
- shall be binding on the heirs, successors and assigns of Lessor and Lessee.

 16. If at any time within the primary term of this lease and while the same remains in force and effect, Lessor receives any bona fide offer, acceptable to Lessor, to grant an additional lease (top lease) covering all or part of the aforedescribed lands, lessee shall have the continuing option by meeting any such offer to acquire such top lease. Any offer must be in writing, and must set forth the proposed Lessee's name, bonus consideration and royalty consideration to be paid for such lease, and include a copy of the lease form to be utilized which form should reflect all pertinent and relevant terms and conditions of the top lease. Lessee shall have fifteen (15) days after receipt, from Lessor, of a complete copy of any such offer to advise Lessor in writing of its election to enter into an oil and gas lease with Lessor on equivalent terms and conditions. If Lessee fails to notify Lessor within the aforesaid fifteen (15) day period of its election to meet any such bona fide offer, Lessor shall have the right to accept said offer.

IN WITNESS WHEREOF, this instrument is executed as of the date first above written.

Wilford Talmadge		Susan Talmadge	
TATE OF)) SS.		
COUNTY OF)		
Vilford Talmadge and Susan Talmadge,	to me known to be the identical	day ofday ofal persons described in and who executed the within y act and deed for the uses and purposes therein set	and foregoing instrument of writing,
IN WITNESS WHEREOF I have be	reunto set my hand and affixed n	ny notarial seal the day and year last above written.	

When recorded return to:

Mineral Resources, Inc. P.O. Box 328 Greeley, CO 80632

AUTHORITY FOR EXPENDITURE DRILL & COMPLETE AFE #MRI - Bestway 12-2 (H) PAGE 1/2

PROJE	CT: Bestway Project - Bestway 12-2 Well - Weld, Colorado	
LOCAT		***
	IPTION: Drill, Frac & Equip Horizontal Niobrara 12,200' MD TD	7
	9 5/8" @ 1500', 7" @ 8500', 4 1/2" @ TD	
	Assumes no preset surface DRILLING INTANGIBLES	
1.001	SURVEY & STAKING	\$5,000
1.001	PERMITS & FEES	\$5,000 \$1,000
1.002	LOCATION & ACCESS ROAD	\$1,000
1.003	SURFACE DAMAGE PAYMENT	\$37,500 \$7,500
1.005	LEGAL & TITLE WORK	\$25,000
1.006	DRILLING RIG MOBILIZATION/DEMOBILIZATION excess	\$12,500
1.007	DRILLING RIG TURNKEY	Ψ12,500
1.008	DRILLING RIG FOOTAGE n/a	
1.009	DRILLING RIG DAYWORK Turnkey days @	\$752,575
1.010	DRILL BITS 13 1/2", 8 3/4", 6" TRKY	\$0
1.011	FUEL & POWER 17 days @ \$540	\$9,180
1.012	CEMENTING SERVICES Surface & Intermediate	\$47,000
1.013	CASING CREW Surface & Intermedia TRKY	\$0
1.014	FORMATION TESTING DST's @	\$0
1.015	CORING/CORE ANALYSIS n/a	
1.016	MUD LOGGING 9 days @ \$1,500	\$13,500
1.017	DRILLING WATER	\$25,000
1.018	DRILLING FLUIDS	\$60,000
	CLOSED LOOP MUD SYSTEM TRKY	\$0
1.019	MUD DISPOSAL	\$10,000
1.020	EQUIPMENT RENTAL (Surface) 0 days @ TRKY	\$0
	EQUIPMENT RENTAL (Downhole) 17 days @ \$5,000	\$85,000
	EQUIPMENT RENTAL (Drill-String)	
1.021	ENGINEERING SUPERVISION 10 days @ \$1,500	\$15,000
1.022	GEOLOGICAL SUPERVISION 8 days @ \$1,000	\$8,000
1.023	ADMINISTRATIVE OVERHEAD	
1.024	OPENHOLE LOGS	\$35,000
1.025	TRUCKING	\$35,000
1.026	CONTRACT LABOR INSPECTION/CORROSION SERVICES	\$15,000
1.027	FISHING SERVICES	\$3,500
1.029	LOCATION RESTORATION	000 000
1.030	LIABILITY INSURANCE	\$20,000
1.031	AIR DRILLING PACKAGE	\$8,500
1.032	DIRECTIONAL (controlled vertical) 3 days @ TRKY	\$0
	DIRECTIONAL (curve) 2 days @ TRKY	\$0
	DIRECTIONAL (lateral) 7 days @ TRKY	\$0
	DIRECTIONAL (standby) 3 days @ TRKY	\$0
	DIRECTIONAL (per job)	\$0
1.034	CAMP FACILITIES 0 days @ \$500	\$0
	Fresh water & septic 0 days @ \$150	\$0
1.035	STRAIGHT HOLE MOTOR RENTAL n/a	\$0
1.090	ADDITIONAL ENVIRONMENTAL EXPENDITTRKY sanilets, trash	\$0
	DRILLING TANGIBLES	, , ,
2.001	SURF. CASING 9 5/8" 36# 1500 ft @ \$15.80	\$23,700
	INT. CASING 7" 29# P110 8500 ft @ \$27.50	\$233,750
2.003	CASING HEAD	\$5,000
2.004	CONDUCTOR PIPE/RATHOLE DRILLING	
	DRILLING INTANGIBLES	\$1,230,755
	DRILLING TANGIBLES	\$262,450
TAXES	& CONTINGENCIES 10.0%	\$149,321

TOTAL DRILLING COST			\$1,642,526
DAYS		 	-

DAYS	
MIRU	0
SURFACE	1.5
VERTICAL	2
LOG	0
CURVE	2
SET CSG	1
SWAP PIPE	1
LATERAL	4
COMPLETE	2
RDMO	0
TOTAL	13.5

AUTHORITY FOR EXPENDITURE DRILL & COMPLETE AFE #MRI - Bestway 12-2 (H) PAGE 2/2

PROSPE		
LOCATION		
DESCRI		
	9 5/8" @ 1500', 7" @ 8500', 4 1/2" @ TD COMPLETION INTANGIBLES	
3.000	DRILLING RIG DAYWORK 1 days @ \$19,900 / day	\$19,900
1.010	DRILL BITS 6" rental mill	\$3,000
3.001	CEMENTING SERVICES	Ψ0,000
3.002	CASING CREW	\$12,000
3.003	PERFORATING & LOGGING CBL 7"	\$4,000
3.004	MISCELLANEOUS WIRELINE	
3.005	COMPLETION FLUIDS KCL for workover	\$5,000
3.006	STIMULATION (20 stages)	\$1,505,902
2.007	COILTUBING TANK HAULING & RENTAL 12 @ \$500	\$125,000
3.007	TANK HAULING & RENTAL 12 @ \$500 WATER STORAGE RENTAL & SET UP	\$6,000 \$60,000
3.008	COMPLETION RIG 3 days @ \$4,500 / day	\$13,500
3.009	CONTRACT LABOR	\$10,000
3.010	COMP. SUPERVISION 10 days @ \$1,250	\$12,500
3.011	COMP. OVERHEAD	•
3.012	WATER HAUL (Fill tanks) 12 @ \$725	\$8,700
	WATER HAUL (Fill Storage)	\$65,000
	WATER HAUL (Disposal)	\$60,000
3.013	LOCATION DIRT WORK Cleanup & rig anchors	\$5,000
3.014	EQUIPMENT RENTAL (Surface) MANIFOLD, MANLIFT LIGHT TOWER EQUIPMENT RENTAL (Downhole) FRAC STRING	\$20,000
3.015	EQUIPMENT RENTAL (Downhole) FRAC STRING INSPECTION SERVICES	\$29,000 \$1,000
3.016	FLOWBACK LABOR 6 @ \$4,500	\$27,000
3.017	TRUCKING & HAULING	\$15,000
3.019	FISHING SERVICES	7 : 0 7 0 0 0
	CONSULTING	\$12,000
3.100	MISC. COMPLETION COSTS clean tanks, etc.	\$10,000
	COMPLETION TANGIBLES	
5.000	PRODUCTION CSG 4 1/2"11.6# P110 4500 ft @ \$11.25	\$50,625
5.001	PRODUCTION TUBING 2 7/8" 6.5# N-80 7700 ft @ \$7.00	\$53,900
5.002	SUCKER RODS 0 ft @ LINER HANGER PackersPlus + service hands	\$0
5.003 5.004	LINER HANGER PackersPlus + service hands CSG HEAD/TBG HEAD/VALVES	\$25,000 \$15,000
5.005	PUMPING UNIT	\$15,000
5.006	PRIME MOVER	
5.007	SEP/TREATER 2 units	\$80,000
5.008	DEHYDRATOR	•
5.009	STORAGE TANKS 4 x 400 bbl 2 x 400 BBL H20	\$75,000
5.010	VALVES & FITTINGS	\$30,000
5.011	FLOWLINES & CONNECTIONS	\$25,000
5.012	ELECTRICAL EQUIPMENT	\$20,000
5.013	ARTIFICIAL LIFT EQUIPMENT	\$3,000
5.014	COMPRESSION EQUIPMENT VRU	\$35,000 \$60,000
5.090	BATTERY INSTALLATION	\$50,000
5.095	SUBSURFACE EQUIP. (Ext Liner Packers) 20 ea @ \$16,300.00	\$326,000
0.000	(above price includes auxiliary equip)	
TOTAL (COMPLETION INTANGIBLES	\$2,029,502
TOTAL (COMPLETION TANGIBLES	\$848,525
TAXES	& CONTINGENCIES 10%	\$287,803
		00 0=0 0==
	COMPLETION COST	\$2,878,027
	DRILLING COST CONTINGENCY COST	\$1,493,205 \$437,123
	COMPLETED WELL COST	\$4,808,355
TOTAL	JOINT LETED VALLE COOT	\$ 000,000
Mineral	Resources, Inc. Prepared by: ASP Date:	05-Mar-12
	topulous, mo.	
	Company:	
	Ву:	-
	Title:	
	Date:	

Cost estimate only, Working Interest Owners will be billed actual cost.



Bestway 12-2 Well

BEFORE THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF COLORADO



IN THE MATTER OF THE APPLICATION OF MINERAL RESOURCES, INC. FOR AN ORDER POOLING INTERESTS IN THE CRETACEOUS AGE FORMATIONS FROM THE BASE OF THE DAKOTA TO THE SURFACE LOCATED IN A PORTION OF THE WATTENBERG FIELD AND FOR THE MODIFICATION OF THE SIZE OF CERTAIN DRILLING AND SPACING UNITS FOR THE PRODUCTION OF OIL AND GAS FROM CERTAIN OF THE CRETACEOUS FORMATIONS IN WELD COUNTY, COLORADO

CAUSE NO. 318A,

DOCKET NO. ___

CAUSE NO. 407

DOCKET NO. ___

ORIGINAL

CERTIFICATE OF MAILING

I hereby certify that I have on this 10th day of May, 2012, served a copy of the Pooling Application on the interested parties whose addresses are indicated below:

Stephen H Moore And Janet L Moore 208 43 AVE GREELEY, CO 80634 Pender Family Trust 214 43 AVE GREELEY, CO 80634

Susan Sheetz 239 41 AVE GREELEY, CO 80634 David A Aragon And Maria Rosa Aragon 231 41 AVE GREELEY, CO 80634

David W Mathis And Sandra L Mathis And Dan J Mathis And Mary Virginia Mathis
215 41 Ave

215 41 Ave GREELEY, CO 80634 Johnna L Rawlings 216 42 AV GREELEY, CO 80634

Jose Barraza And Morales Mary 208 42 AV GREELEY, CO 80634 Shelli D Bahr 224 42 AVE GREELEY, CO 80634

David L Harms And Kathy K Harms 201 43 AVE GREELEY, CO 80634 Gary G Dederick And Darlene K Dederick 206 N 43 AVE GREELEY, CO 80634

Loyal D Gallatin And Judy R Gallatin 104 N 43 AVE GREELEY, CO 80634 Geraldine McDonald And Michael John Weber And Barbara Jean Pickett 205 North 43rd Avenue Greeley, CO 80634 Danny L Rockwell And Cheryl A Rockwell 102 43 AVE GREELEY, CO 80634

Wilford Talmadge And Susan Talmadge 103 N 43 AVE GREELEY, CO 80634 Mary M Beard 209 42 AVE GREELEY, CO 80634

Jayme L Hagan 107 43 AV GREELEY, CO 80634

Thomas C Lang And Heather L Lang 106 43 AVE GREELEY, CO 80634

Mark A Gryboski And Teresa A Simpson 307 N 43 AVE GREELEY, CO 80634

Sandra A Abernathy And Robert Storey 313 N 43 AVE GREELEY, CO 80634 James E Medina And Monica J Medina PO box 142 Gill, CO 80624

Bernice E Camenisch 1112 OAKRIDGE DR STE 104-288 FT COLLINS, CO 80525

Beverly S Morita 244 43 AVE GREELEY, CO 80634

Charles E Sargent And Darlene A Sargent 236 43RD AV GREELEY, CO 80634 Christopher J Shovlin And Sherri L Shovlin 227 42 AVE GREELEY, CO 80634

Greg Boehm And Marilyn Boehm 232 43 AVE GREELEY, CO 80634

Isidro L De La Rosa 213 42 AVE GREELEY, CO 80634

Jeffrey S Smith And Leah K Smith 119 N 42 AVE GREELEY, CO 80634 Mary M Powell And Stephen B Powell 107 N 42ND AVE GREELEY, CO 80634 Michael M Matz And Debra J Hjelle 237 42 AVE GREELEY, CO 80634

Trent Wortman 301 42 AV GREELEY, CO 80624

David Stang And Hope Stang 210 N 43 AVE GREELEY, CO 80634

Mary Ann Trujillo And Manuel Saenz 225 43 AVE GREELEY, CO 80634

E. Georgine Brinkman245 43 AVEGREELEY, CO 80634

Chester C Crouse And Norma J Crouse 308 N 43 AV GREELEY, CO 80634

Gerry L Morris And Lovice J Morris 105 42ND AVENUE GREELEY, CO 80634 Walter W Marx And Melinda K Marx 229 43 AVE GREELEY, CO 80634

Gregory K Gabel And Linda H Gabel 241 43RD AV GREELEY, CO 80634

Gerard J Karlin And Nancy J Karlin 231 43 AVE GREELEY, CO 80634

Richard Y Lara And Roxanne Lara 239 43RD AVE GREELEY, CO 80634 Manuel O Naranjo And Kathleen R Naranjo 212 N 42ND AVE GREELEY, CO 80634

Alan Lee Pettyjohn 204 N 42 AVE GREELEY, CO 80634

Barbara Colwell And J David Colwell 104 42 AVE GREELEY, CO 80634 Esther M Alles And Phillip H Alles 4110 3 ST GREELEY, CO 80631

William E Sayles And Sandra L Sayles 106 N 42 AVE GREELEY, CO 80634

Timothy R Ouellette And Vicki L Ouellette 203 42 AVE GREELEY, CO 80634 Michael S Brown And Stacy L Brown 320 N 43 AVE GREELEY, CO 80634

Gerald M Miyoshi And Miyoshi Iris 249 43RD AVE GREELEY, CO 80634-1162 Steven C Printz And Theresa D Printz 4023 W 2 ST GREELEY, CO 80634

Dennis L Kindred And Roberta J Kindred 317 N 42ND AVENUE GREELEY, CO 80634 Carl A Gooding And Hester Gooding 314 N 43 AVE GREELEY, CO 80634

Julie S Nagata 316 N 42ND AAVENUE GREELEY, CO 80634 Lenny L Phillips And Korina K Phillips 307 42 AV GREELEY, CO 80634

Beverly B Anderson And David P Anderson 110 N 42 AVE GREELEY, CO 80634 Daniel P Schneider And Jamie L Schneider 300 41 AVE GREELEY, CO 80634

Larry Phillip Holder And Betsy D Holder 202 41 AVE GREELEY, CO 80634 Jerry Blake And Margaret Blake 230 41 AV GREELEY, CO 80634 Dave S Williamson And Sherry R Williamson 319 N 43 AVE GREELEY, CO 80634

Jeremy A Hart 4035 W 4TH ST GREELEY, CO 80634

Tracy Sue Trentlage 3914 B ST GREELEY, CO 80634

Steven Clyde Nale And Sheree L Nale 118 40TH AVE GREELEY, CO 80634

Ronald G Johnson And Gloria J Johnson 222 40 AV GREELEY, CO 80634 Gene R Brantner And Carol A Brantner 307 40 AVE GREELEY, CO 80634

Brian L Stoll 320 40 AVE GREELEY, CP 80634 David E Trevarton And Ann L Trevarton 108 40TH AVE GREELEY, CO 80634

Bart A Petersen 217 N 40TH AVE GREELEY, CO 80634 Feng Chin Huang And Liang Hsiung Huang 107 40 AVE GREELEY, CO 80634

Jack L Hough And Shirley L Hough 203 N 40TH AVE GREELEY, CO 80634 Kurt Weaver 225 N 40 AVE GREELEY, CO 80631

Mark E Ulrich And Jamie J Ulrich 219 40 AVE GREELEY, CO 80634

Michele L Williams And Scott A Williams 115 N 40 AVE GREELEY, CO 80634 James Brian Hill And Heather Lea Hill 8519 146TH PL SE NEWCASTLE, WA 98059-9268

Ronald Redfern And Jodie R Redfern 111 38 AVE GREELEY, CO 80634

John Roedel 104 38 AVE GREELEY, CO 80634

Lowell One LLC And Lowell Two LLC C/O MARILYN BUNN 10305 DICKENS AVE BETHESDA, MD 20814 Sandra A Ford 200 Chambers St Unit 17 El Cajon, CA 92020

Francis O Towns
210 GARNET ST
BROOMFIELD, CO 80020-2205

Marvin Z Kark 410 17th Street, #1110 Denver, CO 802024441

ZARLENGO & KIMMELL, PC.

By: ______ / W/VE
Thomas J. Kimmell, P.C.

Attorneys for Mineral Resources, Inc.

1775 Sherman St, Suite 1375

Denver, CO 80203 Phone: 303-832-6204 Fax: 303-832-6401

Email: Kimmell01@aol.com