AGREEMENT

THIS AGREEMENT is made and entered into this 14th day of October, 1981, by and between MOUNTAIN FUEL SUPPLY COMPANY, a Utah corporation; WEXPRO COMPANY, a Utah corporation; the Utah Department of Business Regulation, Division of Public Utilities; the Utah Committee of Consumer Services; and the Staff of the Wyoming Public Service Commission.

RECITALS

- A. The parties have been engaged in extensive litigation as described in the Stipulations to which this Agreement is attached.
- B. The Division of Public Utilities of the Utah Department of Business Regulation, the Utah Committee of Consumer Services, the Staff of the Public Service Commission of Wyoming, Mountain Fuel Supply Company and Wexpro Company have reached accord on an appropriate settlement and resolution of the issues contested in that litigation.
- C. This accord is reflected in contemporaneous Stipulations filed with the Utah Public Service Commission on October 14, 1981, Utah Stipulation), and with the Wyoming Public Service Commission on October 15, 1981, (Wyoming Stipulation), to each of which this Agreement has been attached and made a part.
- D. The cases before both the Utah Public Service Commission and the Wyoming Public Service Commission affected by this Agreement are set forth in the Stipulations.
- E. The parties to this Agreement desire to set forth the several and interdependent rights, obligations, responsibilities and mutual promises as contemplated by the Stipulations.
- NOW, THEREFORE, in consideration of the mutual promises, covenants and obligations set forth below, the parties agree as follows:

I. DEFINITIONS

For purposes of this Agreement, and the Stipulations to which it is attached, the following definitions will apply to the indicated terms wherever they appear.

CORPORATIONS, AGENCIES AND DOCUMENTS

- I-1. **The Company**. Mountain Fuel Supply Company, an investor-owned Utah corporation, including where appropriate its operating divisions, the Distribution Division and the Transmission Division, but not referring to wholly-owned subsidiaries of Mountain Fuel Supply Company as of August 1, 1981.
 - I-2. **Wexpro**. Wexpro Company, a Utah corporation incorporated in November 1976 and a

wholly owned subsidiary of the Company. The term will refer to Wexpro Company, its successors and assigns.

- I-3. **Celsius**. Celsius Energy Company, a Nevada corporation and a wholly owned subsidiary of Mountain Fuel Resources, Inc., itself a wholly owned subsidiary of Mountain Fuel Supply Company.
- I-4. **The Division**. The Division of Public Utilities of the Utah Department of Business Regulation. The term will also refer to any governmental successor as provided by statute or rule.
- I-5. **The Committee**. The Utah Committee of Consumer Services. The term will also refer to any governmental successor as provided by statute or rule.
- I-6. **Staff of the Wyoming PSC**. The regulatory staff of the Public Service Commission of Wyoming. The term will also refer to any governmental successor as provided by statute.
- I-7. **Agreement of Purchase and Sale**. The amended agreement between Mountain Fuel Supply Company and Wexpro Company, dated April 24, 1978, by which certain non-utility properties, described in such document, were transferred from Mountain Fuel Supply Company to Wexpro.

PRODUCTS

- I-8. **Natural Gas**. A gaseous substance whose major constituent is methane.
- I-9. **Natural Gas Liquids**. All liquids extracted from a natural gas stream except liquids (including condensate) recovered by surface separators.
- I-10. **Oil**. The generic term used to describe all products including minerals and hydrocarbons other than natural gas or natural gas liquids.
- I-11. **Hydrocarbons**. A generic term used to refer to natural gas, natural gas liquids and oil collectively.

HYDROCARBON-PRODUCING PROPERTIES AND RELATED TERMS

- I-12. **Account 101/105 Leaseholds**. All leasehold, operating rights, working interests, mineral and other interests in production which were held on July 31, 1981, by the Company and which were accounted for on that date in the Company's Accounts 101 or 105.
- I-13. **Transferred Leaseholds**. All leasehold, operating rights, working interests, mineral and other interests in production which were held by Wexpro on July 31, 1981, and which had previously been accounted for in the Company's 101 or 105 Accounts immediately prior to transfer, but excluding leasehold or production rights acquired by farmout from the Company.

- I-14. **Well**. The well bore and all underground and surface materials and facilities installed in connection with drilling into the earth's surface for the production or injection of hydrocarbons and other substances. The term "well" includes all appurtenant facilities.
- I-15. **Appurtenant Facilities**. Those facilities, downstream from the wellhead, to and including the delivery point, that are necessary to make the products acceptable for delivery including, but not limited to, compression, transportation, gathering, separation, treating and certain processing facilities.
- I-16. **Delivery Point**. That point, under standard industry practice, at which a purchaser of oil or natural gas liquids or natural gas takes delivery from the producer. This will generally be (i) at the inlet side of the dehydration unit for gas deliveries, and (ii) at the outlet side of tankage or other storage facilities for oil or natural gas liquid deliveries.
- I-17. **Completed Well**. (a) A well ready for and capable of producing hydrocarbons in commercial quantities regardless of whether the necessary equipment and machinery is installed to permit continuous production and marketing of hydrocarbons or (b) a dry hole.
- I-18. **Development Well**. A well drilled under the terms of this Agreement for carrying out development oil or development gas drilling, as those terms are defined in sections I-27 and I-28.
- I-19. **Dry Hole**. A development well that (i) upon completion is clearly uneconomical to produce and is plugged and abandoned while the drilling rig is in place, or (ii) is otherwise not determined to be a commercial well under the procedures set forth in section I-20. If a commercial well is completed in a productive reservoir above the total depth drilled, that portion of the well below the lowest productive reservoir to total well depth will be considered a dry hole.
- I-20. **Commercial Well**. A development well that, upon completion, (i) clearly produces sufficient quantities to pay, at market prices for the products, all costs of drilling, development and operation of the well, or (ii) requires further determination for classification as a commercial well or dry hole.

A well will be classified as a commercial well in the latter case under the following procedure:

- (a) It will be produced for 30 days after stimulation (or such lesser time as state regulatory authority requires).
- (b) Using the then-available test data for the last 10 days of the test period and economic analysis methods normally used in the industry, Wexpro will make an economic evaluation of the potential value of hydrocarbon production from the well. If the economic evaluation shows that production from the well, when valued at market prices, will pay the expenses of operating the well, including royalties and taxes, plus 50% of the drilling costs to completion to the wellhead, the well will be deemed a commercial well.

- (c) If the well does not meet the test set forth in paragraph (b), Wexpro will notify the Company, the Division and the Staff of the Wyoming PSC of its intent to classify the well as a dry hole and will supply to each the economic evaluation and the factual basis for the conclusion. Information that is available at such time will be supplied and will include, if available, drilling costs to date, cost for completion, test data, projected life of the well, the decline curve based on field history, and such other data as would be relevant by industry standards.
- (d) If the Company, notwithstanding Wexpro's intent to classify the well as a dry hole, desires to have the well produced and treated as a commercial well under this Agreement, it will so notify Wexpro, the Division and the Staff of the Wyoming PSC within 10 days of receipt of Wexpro's notice in paragraph (c). In such an event, Wexpro will produce the well and, in the absence of Division disapproval under paragraph (f) of this section, it will be deemed a commercial well for the purposes of this Agreement.
- (e) If no notice from the Company is served on Wexpro pursuant to paragraph (d), the well will be classified as a dry hole and treated in accordance with the terms of this Agreement.
- (f) If the Company elects to have a well produced under paragraph (d), the Division in consultation with the Staff of the Wyoming PSC and such experts as it deems prudent may notify the Company within 30 days of its receipt of the notice provided in paragraph (c) that it rejects the Company's election. Such a rejection will be final and not subject to rescission, modification or arbitration, except as otherwise determined by Commission order upon petition by the Company. If the Division rejects the Company's election under this paragraph and the Company does not seek Commission action, the well will be treated as a dry hole under this Agreement. If the Division does not, within the 30 days, reject the Company's determination that the well be produced and classified as a commercial well, such classification will be final and not subject to arbitration.
- (g) Disputes concerning the accuracy, completeness and analysis of the data furnished, or the classification made by Wexpro, under paragraphs (b) and (c) may be the subject of the arbitration procedure set forth in section 9 of the Utah Stipulation to which this Agreement is attached. In no event, however, will wells be subject to reclassification as a result of production and other physical and economic data that become known or available after the analysis performed in paragraph (b) of this section.
- I-21. **Prior Wexpro Well**. A well completed on or before July 31, 1981, on an Account 101/105 leasehold or a transferred leasehold and capitalized in the accounts of Wexpro on that date. All prior Wexpro wells are identified and listed on Schedule 2(b).
- I-22. **Prior Company Well**. A well completed on or before July 31, 1981, and capitalized in the Company's utility accounts on that date. All prior Company wells are identified and listed on Schedule 3(b).
- I-22A. **Prior Well**. A dry hole, as determined at the time of drilling (and not under the provisions of section 1-19), drilled by Wexpro or the Company on any 101/105 leasehold or transferred leasehold prior to August 1, 1981; or any prior Wexpro or prior Company well.

- I-23. **Pool**. An underground accumulation of hydrocarbons in a single, separate natural reservoir characterized by a single pressure system. Each zone of a geologic formation which is completely separated from any other zone in the formation is a separate pool.
- I-24. **Productive Oil Reservoir**. A portion of a pool underlying an Account 101/105 leasehold or a transferred leasehold into which a prior Wexpro well was completed on or before July 31, 1981. All productive oil reservoirs are identified on Schedule 2(a).
- I-25. **Productive Gas Reservoir**. A portion of a pool underlying an Account 101/105 leasehold or a transferred leasehold into which a prior Company well was completed on or before July 31, 1981. All productive gas reservoirs are identified on Schedule 3(a).

HYDROCARBON OPERATIONS AND TRANSACTIONS

I-26. **Development Drilling Area**.

- (a) For each prior Wexpro or prior Company well in a pool, a circle of radius 1980 feet centered at the well, and all additional surface area covered by:
- (i) The single-well spacing unit for that well, as determined by the state agency with jurisdiction, and the eight authorized spacing units immediately north, east, west, south, northwest, northeast, southeast and southwest thereof, if state spacing applies to the well; or
- (ii) The U.S. Geological Survey-approved participating area determined for royalty purposes for that pool, if the well is in a federal unit; or
- (iii) If neither paragraph (i) nor (ii) are applicable, a square of sixteen 40-acre legal subdivisions for prior Company wells or four 40-acre legal subdivisions for prior Wexpro wells (or equivalent lots for irregular sections) situated so that the distance from the center of such square to the well is minimal. If this provision yields two or more squares, the square whose center is closest to the surface projection of the bottom-hole location will be used.
- (b) For each prior well that is not a prior Wexpro well or a prior Company well and is within any development drilling area described in paragraph (a) of this section, a circle of radius 1980 feet centered at such well.
- I-27. **Development Oil Drilling**. Any drilling completed (or recompleted in a prior well) after July 31, 1981; drilled within any development drilling area; and:
 - (a) Targeted and completed in a productive oil reservoir, or
- (b)Drilled within 1980 feet of any prior well, completed in any pool above the lowest point to which such well had been drilled, and completed as a commercial well that produces primarily oil during the first 30 days of production.

- I-28. **Development Gas Drilling**. Any drilling completed (or recompleted in a prior well) after July 31, 1981; drilled within any development drilling area; and:
 - (a) Targeted and completed in a productive gas reservoir, or
- (b) Drilled within 1980 feet of any prior well, completed in any pool above the lowest point to which such well had been drilled, and completed as a commercial well that produces primarily gas during the first 30 days of production.
- I-29. **Exploratory Drilling**. Any drilling after July 31, 1981, for the purpose of locating or producing hydrocarbons that is not development oil or gas drilling. Formations underlying Account 101/105 leaseholds or transferred leaseholds into which exploratory drilling is conducted will be referred to as "exploratory properties."
- I-30. **Enhanced Recovery Facilities**. Such facilities as are necessary in connection with "secondary" and "tertiary" petroleum hydrocarbon recovery techniques. These techniques involve man-induced pressure changes or improved sweep efficiency using injected fluids within a productive oil or gas reservoir, often through injection of foreign materials or injection of natural gas for the purpose of increasing the yield from the reservoir. Such techniques do not refer to stimulation procedures used prior to completion to make a well commercial even if essentially similar procedures used on an already commercial well would be classified as "enhanced recovery procedures."
- I-31. **Farmout**. The common petroleum industry transaction by which an oil and gas lease owner contracts to assign a lease or some portion of it to another who undertakes drilling obligations. The assignor usually retains an interest such as an overriding royalty, production payment or working interest.

ACCOUNTING AND RATEMAKING

- I-32. **Depreciation**. A means by which the capital investment in an asset is recovered over the useful life of the asset. Depreciation is generally an expense deduction for federal and state income taxes purposes and is also an element of cost-of-service ratemaking for utilities. As used in this Agreement, depreciation will refer to the standard methods being used by the Company and Wexpro on July 31, 1981, and which are recognized and approved by the accounting profession and agencies having jurisdiction over such procedures. Any change to different depreciation methods for use herein (other than for tax purposes) must be approved in writing by the Division.
- I-33. **Amortization**. A means by which intangible capital investments or other sums are recovered over the life of a related tangible asset or otherwise eliminated over a period of time. Standard accounting methods will be used to implement amortization as necessary. For purposes of this Agreement, exploration and development costs associated with dry holes will not be amortized.
 - I-34. **Royalty**. Generally, a percentage of the gross revenues generated from production from

a lease. The royalty owner or recipient remains legally responsible for his pro-rata share of handling and transportation costs (if taken in kind) and production-related taxes, including but not limited to severance, ad valorem, and windfall-profits taxes. For those leases from which production is owned only in part by the Company or Wexpro as of July 31, 1981, a royalty provided for in this Agreement will apply only to production attributable to the Company's or Wexpro's respective net interest, as the case may be.

- I-35. **Overriding Royalty**. A royalty interest in oil and gas and other minerals produced at the wellhead in addition to the usual landowner's royalty reserved to the lessor.
- I-36. **Taxes**. All exactions resulting from levies by government, including but not limited to taxes on income, property, production, operations, occupation, franchise, license, privilege, excise and payroll.
- I-37. **AFUDC**. Allowance for funds used during construction. AFUDC is an amount equal to the base rate of return (r), as defined in section I-44, applied to funds used for construction purposes. No AFUDC charges will be included upon expenditures for construction projects that have been abandoned. When only a part of plant or project is placed in operation or is completed and ready for service but the construction work as a whole is incomplete, that part of the cost of the property placed in operation or ready for service will be treated as investment in Wexpro and AFUDC thereon as a charge to construction will cease. AFUDC on that part of the cost of the plant which is incomplete may be continued as a charge to construction until such time as it is placed in operation or is ready for service, except as otherwise limited in this provision.

I-38. Marginal Composite Income Tax Rate. The tax rate

$$t = t_f (1 - t_s) + t_s$$
,

where:

- (a) t_f is the federal income tax rate for U.S. corporations that would apply to Wexpro's highest level of taxable income if Wexpro were to file a separate tax return, without regard to the actual tax rate (on July 31, 1981, this rate was 46%); and
- (b) t_s is the weighted state tax rate calculated according to the formula given on Exhibit D. t_s will be fixed for each calendar year on the basis of data for the immediately previous calendar year. The rate fixed for the remainder of 1981 is 1.533%, as shown in the sample calculation on Exhibit D.
- I-39. **Account 101**. Account 101 of the Uniform System of Accounts, used to record the original investment in gas plant owned and used by a utility entity in its natural gas operations.
- I-40. **Account 105**. Account 105 of the Uniform System of Accounts, used to record the original investment in property owned and held for future use in natural gas service.

- I-41. **Investment of Wexpro**. The investment base, designated portions of which will serve as the base to which various rates of return, as specified in this Agreement, will be applied. The investment of Wexpro on July 31, 1981, is agreed to be \$37,612,818. All subsequent increments to the investment of Wexpro will include future capital, net of depreciation, invested by Wexpro to produce hydrocarbons from productive oil and gas reservoirs and will be as otherwise provided in this Agreement. This will include all depreciated investment in plant and AFUDC in development well drilling and enhanced recovery facilities. New increments of deferred taxes or other tax "timing" reserves related to investments made after July 31, 1981, will be subtracted from those investments prior to inclusion in the investment of Wexpro. New increments of the investment of Wexpro after July 31, 1981, will not include any capitalized dry-hole costs.
- I-42. **Return**. As used in this Agreement, the net from proceeds after they have been reduced by all applicable expenses (but not long-or short-term debt and preferred stock expense), depreciation, amortization and taxes.
 - I-43. **Rate of Return**. As a percentage, the return divided by the applicable investment.
- I-44. **Base Rate of Return (r)**. A percentage to be (i) applied to specified investment bases or (ii) used as a basis for determining other rates of return as required in this Agreement. The base rate of return (r) is determined by the following method:
 - (a) For the period August 1, 1981, through July 31, 1982, r will be fixed at 16.00%.
- (b) For each subsequent 12-month period following July 31, 1982, r will be determined as of July 31 each year according to the following formula:

$$r = 16.00 + (i - 14.35),$$

where i is the following index:

The arithmetic average of the rate of return on common equity as authorized by the indicated regulatory agency for the 20 utility and natural gas companies listed on Schedule 1, such rates of return to be those in effect by valid order of the respective agencies on May 31 of the calendar year in which the average is being determined.

To the extent that the companies listed in Schedule I cease to exist under the corporate names indicated, there will be replacement by the successor or assignee company if that successor or assignee continues to provide the same utility service to the majority of customers served by the previous company in the relevant jurisdiction. Successor state regulatory agencies for those stat-regulated utilities listed in Schedule 1 will not affect the computation under this provision. If, however, any stat-regulated utility becomes federally regulated or unregulated, the parties will choose a replacement stat-regulated utility.

I-45. Market Price. The wellhead price per unit for hydro carbons produced, as determined

by the following provisions:

- (a) The price upon which third-party royalty payments are to be made for production from the well, as such royalty price is established from time to time.
- (b) If a price is not determinable under paragraph (a) at the time of delivery, the average of the three highest prices (if available) paid by a purchaser to a seller (neither of which is an affiliate of the Company) for a product of comparable quality in the same county of delivery or the same producing field, whichever is larger.
- (c) If a price is not determinable under paragraphs (a) or (b) at the time of delivery, the highest price paid for the product of comparable quality in the nearest producing area.
- I-46. **Cost-of-Service**. Economic value determined by the aggregation of the actual costs incurred in producing or providing a product. The cost-of-service formulation to be applied under the terms of this Agreement is set forth in Exhibit A.
- I-47. **Product Allocation**. The method to be used for purposes of allocating costs, expenses, depreciation and investments, so that products jointly produced from common facilities can be accounted for separately, each carrying an appropriate allocation of the costs associated with that production. Allocations will be made on the following basis:
- (a) Until July 1, 1985, or six months following the effective date of federal deregulation of natural gas ceiling prices under the Natural Gas Policy Act of 1978 or any successor or replacement federal legislation that would decontrol natural gas ceiling prices for gas developed after the date of this Agreement, whichever date occurs first, 12 Mcf of natural gas will be equivalent to one barrel of oil.
- (b) After the earlier of the two dates in paragraph (a), a new equivalent ratio between natural gas and oil will be established on the basis of market price of decontrolled natural gas and oil.

II. PRODUCTIVE OIL RESERVOIRS

- II-1. **List of Prior Wexpro Wells and Productive Oil Reservoirs**. Schedule 2(a) sets forth a complete list of productive oil reservoirs. Schedule 2(b) sets forth a complete list of prior Wexpro wells. Schedules 2(a) and 2(b) reflect the explicit agreement by Wexpro that the well known as Spearhead Ranch Unit Well No. 15 will be classified as a prior Wexpro well, the associated reservoir as a productive oil reservoir, and will be subject to the conditions and provisions of this Article II.
- II-2. **Title and Operation**. Any right, title and interest to the properties described on Schedules 2(a) and 2(b) and the corresponding leases, operating rights, wells and appurtenant facilities held by Wexpro will be and remain the sole and exclusive property of Wexpro and will be held and operated by Wexpro in accordance with the terms and conditions of this Article II. Oil,

natural gas, and natural gas liquids from productive oil reservoirs will be developed and produced by Wexpro in a prudent manner in accordance with accepted industry standards.

- II-3. **Ownership of Oil, Natural Gas Liquids and Natural Gas.** All oil, natural gas liquids and natural gas produced from productive oil reservoirs will be the property of and be sold or otherwise disposed of by Wexpro.
- II-4. **Oil and Natural Gas Liquids Proceeds**. The total proceeds from the sale of oil and natural gas liquids from productive oil reservoirs, less royalties, will be subject to the following provisions:
- (a) Proceeds will first be used to pay the costs and expenses of holding and operating the prior Wexpro wells and productive oil reservoirs. Such costs and expenses will include an allocation to Wexpro of expenses, depreciation, taxes, royalties and other reasonable business expenses of production. The procedures set forth in sections 1-4 of Exhibit A will serve as guidelines for this determination. In no event will deductible expenses include any exploration and development expenses associated with dry holes.
- (b) As an example of the allocation to be performed under paragraph (a), where Wexpro employees are engaged in the operation and maintenance of producing oil wells and productive oil reservoirs and contemporaneously engaged in other activities of Wexpro, Wexpro will maintain accurate and complete time and other records for properly allocating the time and expenses of employees among such operations. Costs that can be directly assigned, such as investments in fractionating towers which benefit only natural gas liquids products, will be directly accounted for as a cost of producing that product.
- (c) The investment of Wexpro and Wexpro's operating expense for the particular prior Wexpro wells will be allocated to the hydrocarbons produced in accordance with the product allocation method defined in section I-47.
- (d) It is agreed that the investment of Wexpro in prior Wexpro wells and productive oil reservoirs will be depreciated by the unit-of-production method. For purposes of calculating the return provided by paragraph (e) of this section, this investment will be determined on a monthly basis, after additions and depreciation as provided herein.
- (e) From the proceeds of the sale of oil and natural gas liquids (after deduction of expenses and all royalties as provided in this Article), Wexpro will deduct an amount sufficient to provide a return on that portion of the investment of Wexpro allocated to oil and natural gas liquids production. Such return will be calculated for each monthly income statement and will be the product of on-twelfth of that portion of the investment of Wexpro allocated to oil and natural gas liquids production at the end of that month multiplied by the base rate of return (r).
- (f) Any remaining Wexpro oil and natural gas liquids net revenues will be allocated as follows:

- (i) 54% of such remainder will be allocated to the Company and placed by the Company in an account used solely for the purposes of reducing natural gas rates, or disposed of otherwise by Commission order.
- (ii) The remaining 46% will be retained by Wexpro as its separate property and will not be considered utility income or used to reduce natural gas rates.
- (iii) To account appropriately for the income tax impact on the 54% allocation set forth in subparagraph (i) above, the sum paid to the Company by Wexpro will be the 54% described in subparagraph (i) divided by a tax-adjustment factor: 1.0 minus the marginal composite income tax race, as defined in section I-38. (See Exhibit B.)
- (iv) Wexpro's income statement for purposes of this Agreement will not include the resultant tax-adjusted sum paid to the Company as an expense under this paragraph, although it may so appear for income tax purposes or other purposes not covered by this Agreement.
- (g) The royalty, expense and return treatment and the 54%-46% allocation described in this section will be referred to in this Agreement as the "54-46 formula." The accounting procedure set forth in this Article is illustrated by the sample calculations shown on Exhibit B.

II-5. Pricing of Gas from Oil Wells.

- (a) Except for field and repressurization use, any and all natural gas produced by Wexpro from prior Wexpro wells or productive oil reservoirs will be priced at cost-of-service (see Exhibit A) and sold by Wexpro to the Company, subject to such federal laws and regulations as may be applicable to such a sale. In the event that the average monthly cost-of-service for all natural gas sold under this paragraph is in excess of average monthly market price for that natural gas, the difference between the average cost of service and the average market price will be treated as an expense of Wexpro for the purposes of the "54-46 formula," and such difference will not be included in the cost-service calculation.
- (b) The Company may, at its discretion, enter into suitable transportation arrangements with third parties or any Company affiliate for transporting gas produced under this Article to its system.
- II-6. **Enhanced Recovery Procedures**. It may be necessary or desirable to implement enhanced recovery procedures in certain prior Wexpro wells and productive oil reservoirs in order to maximize the recovery of oil. The investment in such procedures may be substantial and the results of these operations may not always be successful. If the revenues from the additional oil recovered as a result of such procedures do not cover the expenses, royalties and return as they are related to the enhanced recovery procedures, the initiation of such procedures would result in more of the total Wexpro oil production revenues being allocated to a return on this new capital, with less available for the "54-46 formula." To assure that investment for enhanced recovery procedures will be prudently made, the following terms will apply:

- (a) Unless required by state or federal regulatory authority or by third-party coparticipants, Wexpro will not install additional enhanced recovery facilities in the Brady-Weber, Brady-Nugget or Dry Piney-Nugget productive oil reservoirs before August 1, 1986. It is acknowledged that Wexpro has co-participants in these and other producing oil wells and productive oil reservoirs. If such co-participants desire to install additional enhanced recovery facilities, Wexpro may be required to participate in order to avoid breach of contractual obligations or other financial risks. If Wexpro is required to install additional enhanced recovery facilities in any of the three productive oil reservoirs named in this paragraph prior to August 1, 1986, the investment and rate of return applicable to such facilities will be the base rate of return (r).
- (b) The capital investment required for enhanced recovery facilities will be made entirely by Wexpro. In lieu of the base rate of return (r), such enhanced recovery investment will be assigned a rate of return as follows:
 - (i) If, at the time an authority for expenditure (AFE) for an enhanced recovery project is executed, the total of the amounts described in subparagraphs II-4(f)(i) and (ii) for the prior 12 months have been less than 3.00% of the average investment of Wexpro allocated to oil production for such a 12-month period, the rate of return to apply only to that enhanced recovery investment will be the base rate of return plus a 2.00% risk premium (r + 2.00).
 - (ii) In all other cases, the base rate of return (r) will apply.
- (c) The aggregate enhanced recovery facilities investment will look to all natural gas liquids and oil production for recovery of investment, expenses and return. Each amount invested will be deemed made on the first day of the month closest to the date when it was made and will be depreciated on the basis of individual enhanced recovery projects.
- II-7. **Uneconomical Production**. When any productive oil reservoir is depleted to a point where, in the prudent judgment of Wexpro, it is no longer economically feasible to produce such a reservoir, production from that reservoir may be terminated, and the investment of Wexpro will be adjusted by the net difference between salvage value and abandonment or dismantling costs.
- II-8. **Development Oil Drilling**. It is acknowledged that some additional development drilling into productive oil reservoirs may be required, but the extent of such development oil drilling required to effectively and efficiently produce the hydrocarbons from prior Wexpro wells and productive oil reservoirs is unknown. Any such development oil drilling will be subject to the following provisions:
- (a) If a development well is required in the judgment of Wexpro to produce hydrocarbons more efficiently, Wexpro will drill such a well and assume the total risk of unsuccessful drilling, including dry-hole costs.
- (b) If a commercial well results, the investment in such a development oil well will be included in the investment of Wexpro on the first day of the month nearest the date the well is

qualified as a commercial well. In lieu of the base rate of return r, the rate of return on commercial development oil wells will be equal to the base rate of return plus a risk premium of 5.00% (r + 5.00).

- (c) For each development oil well spudded, Wexpro will keep detailed accounts of the funds used during drilling of such a well in accordance with the treatment of AFUDC set forth in section 1-37. Where a well is deemed to be a commercial well, the accumulated AFUDC for that well will be added to the investment of Wexpro along with the capital invested in the well.
- (d) If production from any well drilled under the terms of this Article occurs and the well is determined to be a dry hole (as defined in section I.19), paragraph (b) of this section will not apply. Wexpro may, at its discretion, plug and abandon the well, or produce the well, and the well and all production from the well will be the sole property of Wexpro to dispose of at its discretion and to retain any proceeds.
- (e) Wexpro will use prudent judgment in determining the desirability and necessity of development drilling under this Article as well as the timing and methods to be used in any such drilling.
- (f) If any liquids extraction plant, sweetening plant or similar natural gas processing facility is required to be built, in the prudent judgment of Wexpro, to process natural gas deliverable to the Company under this Article, Wexpro will notify the Company, and the Company may, at its election, make the investment required and capitalize it in the Company's utility rate base. The method of division of product developed through the use of such facilities and the method of allocation of related costs and expenses will not be affected by this capitalization by the Company.
- II-9. **Gas for Repressurization**. Gas being produced from a productive oil reservoir may be used to repressure the pool without compensation or obligation to the Company so long as no natural gas is consumed except for field or lease use. When such repressurization ceases and such natural gas is finally produced, it will be delivered to the Company at cost-of-service.
- II-10. **Delivery**. The delivery of natural gas produced under the provisions of this Article II will be at the delivery point (defined in section I.16), and all costs of receiving the natural gas and all the necessary investment at and downstream from such a point will be the responsibility of the Company.

III. PRODUCTIVE GAS RESERVOIRS

III-1. **List of Prior Company Wells and Productive Gas Reservoirs**. Schedule 3(a) sets forth a complete list of productive gas reservoirs. Schedule 3(b) sets forth a complete list of prior Company wells.

III-2. Transfer of Leaseholds and Operating Rights.

(a) The Company will transfer to Wexpro all 101/105 Account leaseholds and

operating rights held by the Company and accounted for in its 101 Account on July 31, 1981, such transfer to be subject to a retention by the Company of the ownership of oil, natural gas liquids, natural gas and other minerals produced from productive gas reservoirs underlying such leaseholds.

- (b) Wexpro will own all operating rights and will be the operator of all facilities related to such leaseholds. Wexpro will fund and drill or cause to be funded and drilled all necessary and appropriate development wells on these properties and provide the necessary facilities which in its opinion will be reasonably and prudently necessary to efficiently produce the hydrocarbons in the productive gas reservoirs.
- III-3. **Ownership of Gas Wells and Hydrocarbons**. The prior Company wells and the hydrocarbons produced from productive gas reservoirs after July 31, 1981, will remain the property of the Company. The investment in such wells, installed as of July 31, 1981, will be accounted for in the Company's utility accounts. Proceeds from the sale of oil and natural gas from prior Company wells will be accounted for as utility revenues, except to the extent modified for "new oil" as provided in this Article.
- III-4. **Post-July 1981 Facilities**. Any investment made in the productive gas reservoirs after July 31, 1981, and in commercial development gas wells (including appurtenant facilities) will not be capitalized into the Company's utility accounts, but will be capitalized by Wexpro, and Wexpro will be compensated for these investments by the Company as provided in section III-5. Necessary facilities installed downstream from the delivery point will be capitalized in the Company's utility accounts.

III-5. Operator Service Fee.

- (a) Although Wexpro will have no ownership in the natural gas, natural gas liquids or oil produced from productive gas reservoirs, as operator it will bill the Company for the services it performs and for the use of the facilities it has installed to produce the Company's natural gas, natural gas liquids and oil.
- (b) Billing for services will be on a monthly cost-of-service basis and will follow, to the extent applicable and practicable, the methods and practices employed by the Utah and Wyoming Public Service Commissions in determining the Company's cost of service prior to the effective date of this Agreement. Exhibit E sets forth the general guidelines for the cost-of-service charge to be made under this section.
- (c) The monthly billing for services will specifically include a return on investment for post-July 1981 facilities (described in section III-4) at the base rate of return (r); except that investment in commercial development wells will be entitled to an additional 8.00% (r + 8.00).
- III-6. **Depreciation**. For purposes of this Agreement, Wexpro's post-July 1981 investment in commercial development wells and appurtenant facilities will be depreciated monthly by the unit-of-production method except as otherwise provided in section I-32.

III-7. **Delivery**. The delivery of natural gas and natural gas liquids produced under the provisions of this Article III will be at the delivery point (defined in section I-16), and all costs of receiving, processing and gathering the natural gas and natural gas liquids and all the necessary investment at and downstream from such a point will be the responsibility of the Company.

III-8. Development Gas Drilling.

- (a) Wexpro will exercise prudent judgment, as if it were the owner of the productive gas reservoirs, in determining the desirability and necessity of development gas drilling under this Article, as well as the timing and methods to be used in any such drilling.
- (b) It is acknowledged that development drilling for natural gas often involves deep, time-consuming drilling that may not result in a commercial well. If any development gas well in a productive gas reservoir becomes a commercial well, the investment in the well (and in the appurtenant facilities up to the delivery point) will be capitalized in the post-July 1981 investment of Wexpro in the same manner and under the same conditions as for a development oil well drilled on the productive oil reservoirs outlined in Article II, including but not limited to the use by Wexpro of AFUDC at the base rate of return (r).
- (c) Wexpro will spend or invest at least \$40,000,000 (undepreciated original cost) for development drilling in productive gas reservoirs under the provisions of this Article III between August 1, 1981, and July 31, 1986.
- (d) If production from any well drilled under the terms of this Article occurs and the well is determined to be a dry hole (as defined in section I-19), Wexpro may, at its discretion, plug and abandon the well or produce the well, and the well and all production from the well will be the sole property of Wexpro to dispose of at its discretion and to retain the proceeds.
- (e) If any liquids extraction plant, sweetening plant or similar natural gas processing facility is required to be built, in the prudent judgment of Wexpro, to process natural gas deliverable to the Company under this Article, Wexpro will notify the Company, and the Company may, at its election, make the investment required and capitalize the same in the Company's utility rate base. The method of division of product developed through the use of such facilities and the method of allocation of related costs and expenses will not be affected by this capitalization by the Company.

III-9. "New Oil" from Productive Gas Reservoirs.

- (a)Oil from commercial wells completed after July 31, 1981, in productive gas reservoirs will be sold by Wexpro on behalf of the Company, and the resulting revenues will be apportioned between the Company and Wexpro as provided by the "54-46 formula."
- (b) Oil produced under this section will bear a share of the productive gas reservoir's expenses and investment, determined by the product allocation method defined in section I-47.
 - (c) Any allocated oil investment related to post-July 1981 development gas wells

(under paragraph III-4 will carry with it the entitlement to apply a 5.00% risk premium in the "54-46 formula" as specified for development oil drilling in Article II.

- (d) Any facilities that may be installed to separate or treat oil and natural gas liquids downstream from the delivery point will be installed by the Company and will be included in the Company's utility accounts.
- III-10. **Termination of Production**. Should any production from productive gas reservoirs that is achieved by use of facilities installed by Wexpro after July 31, 1981, be terminated, such post-July 31, 1981 investment of Wexpro in productive gas reservoirs will be adjusted by the net difference between salvage value and abandonment or dismantling costs related to such facilities.
- III-11. **Off-System Natural Gas Production**. If natural gas is developed from productive gas reservoirs at any time that cannot be economically delivered into the Company's distribution system or which is on July 31, 1981, being sold to third parties under long term contract, such Companyowned natural gas will be sold for the Company by Wexpro as the operator, and the revenues less expenses will be accounted for by the Company solely to reduce natural gas rates or as otherwise directed by Commission order.
- III-12. **Celsius Energy Company**. For pub of this Article III, references to Wexpro will be construed as referring either to Wexpro or Celsius, as designated by the Company.

IV. EXPLORATORY PROPERTIES

- IV-1. **Account 101/105 Leaseholds**. Set forth in Schedule 4(a) is the identification of all Account 101/105 leaseholds held in the Company's Account 101 on July 31, 1981., and transferred to Wexpro under Article III. Set forth in Schedule 4(b) is the identification of all Account 101/105 leaseholds held in the Company's Account 105 on July 31, 1981.
- IV-2. **Transfer of Account 105 Leaseholds**. All leaseholds and operating rights held by the Company in Account 105 on July 31, 1981, will be transferred to Wexpro, effective August 1, 1981, subject to the conditions set forth elsewhere in this Article IV. All exploratory properties, as defined in section 1-29, that are associated with the 101/105 leaseholds held in the Company Account 101 on July 31, 1981, are to be transferred to Wexpro under Article III, but will be subject to the terms of this Article IV.
- IV-3. **Account 105 Productive Gas Reservoirs**. Any productive gas reservoir underlying Account 105 leaseholds transferred under this Article and listed on Schedule 3(a) is subject to a retention by the Company of the ownership of oil, natural gas liquids, natural gas and other minerals produced from such reservoirs.
- IV-4. **7% Overriding Royalty on Exploratory Properties**. There is hereby retained by the Company a 7% of 8/8ths overriding royalty on all natural gas, natural gas liquids and oil produced from the exploratory properties, as defined in section I-29, subject to the following provisions:

- (a) In the event that on July 31, 1981, (i) the operating and working interest of the Company in the properties to be transferred and assigned is less than the full operating and working interest in the lease, or (ii) the lease covers less than the full oil and natural gas mineral estate under the lands covered by the lease, then the overriding royalty interest of the Company will be proportionately reduced, and therefore the 7% will apply only to the interest of the Company or Wexpro on July 31, 1981.
- (b) In the event Wexpro should farm out any of the exploratory properties, it will endeavor to ensure that the overriding royalty interest provided for in this section will not be diminished. In the event that Wexpro, in its sole discretion, determines that it is unable or unwilling to farm out an exploratory property on terms and conditions that would preserve such overriding royalty interest, then Wexpro may make such other farmout arrangements as it desires; provided, however, that the Company will receive, in lieu of the 7% overriding royalty interest provided above, a 10% overriding royalty interest solely on the share of the interest in hydrocarbon production actually received by Wexpro under such farmout arrangement.
- (c) The overriding royalty applies to all oil, natural gas liquids and natural gas extracted under the terms and conditions of Wexpro's leasehold or other interests in exploratory properties. The calculation of the royalty is exemplified on Exhibit C.
- (d) With respect to any specific lease to which this Article is applicable, the overriding royalty will continue until expiration or surrender of the lease. However, if Wexpro reacquires the lease within six months after expiration or surrender, the overriding royalty and first right of purchase provided in section IV-6 will be in full force on the reacquired lease. If Wexpro reacquires the lease after six months but before four years after expiration or surrender, the overriding royalty will be paid to the Company only after payout of any bonus payments or other out-pocket costs by Wexpro to reacquire the lease; the same first right to purchase attaches during this period. If Wexpro reacquires the lease four years or more after expiration or surrender, the Company will have no right, title or interest in the lease.
- (e) If any interest in the exploratory properties is sold by Wexpro after July 31, 1981, such a sale will be subject to the overriding royalty provided for in this section, and Wexpro will use its best efforts to retain for the Company the first right of purchase provided for in section IV-6. The proceeds of any such sale will belong to Wexpro.
- IV-5. Carrying Costs and Expenses of Exploratory Properties. Wexpro will have the sole responsibility for leasehold carrying costs and other expenses associated with unsuccessful exploratory drilling.

IV-6. The Company's First Right to Purchase.

(a) The Company or an affiliate of the Company designated to purchase such gas for resale to the Company will have a 30-day first right to purchase Wexpro's share of the natural gas produced from any exploratory property at market prices, whether or not the natural gas is deliverable to the Company's system. Wexpro will use its best efforts and due regard for its

responsibilities under this Agreement to preserve and maximize the supplies of such natural gas.

- (b) Whenever Wexpro has natural gas available for sale that is subject to this first right to purchase, it will notify in writing the Company, or an affiliate of the Company designated to purchase such gas for resale to the Company, as the case may be. The one receiving notice will have 30 days from the date of service or personal delivery of such notice to elect, in writing, to purchase the natural gas described in such notice. Any failure to notify Wexpro of such an election within 30 days will be deemed an election not to purchase. Any election not to purchase, whether actual or constructive, will authorize Wexpro to dispose of only that natural gas subject to that notice in any manner deemed advisable by Wexpro and pay the Company only the applicable overriding royalty on that natural gas.
- (c) In the event Wexpro's share of any natural gas produced under this Article is sold directly to the Company and any state governmental authority with ratemaking jurisdiction over the Company's resale transactions precludes it from recovering in its rates and charges any portion of the price to be paid to Wexpro under this section, the price will be reduced to equal the amount the Company has been allowed to recover. Under such a reduction, Wexpro may, at its sole discretion, elect to be released of its obligation to sell further gas which is subject to the price reduction effective upon written notice to the Company.
- IV-7. **Exploratory Property Farmout**. In the event Wexpro should farm out any of the exploratory properties, Wexpro will use its best efforts to obtain a 30-day first right to purchase all natural gas produced by the farmee from such a property and will assign to the Company or affiliate designated by the Company for the benefit of the Company any such right to first purchase so obtained.
- IV-8. **Celsius Energy Company**. For purposes of this Article IV, references to Wexpro will be construed as referring either to Wexpro or Celsius, as designated by the Company.

V. CERTAIN POST-1976 WEXPRO PROPERTIES

- V-1. **List of Properties**. Schedule 5 sets forth certain properties acquired separately by Wexpro from sources other than the Company after December 31, 1976, which are subject to the provisions of this Article V. This includes approximately 128,000 acres acquired by Wexpro from third parties since the date of its organization in January 1977 until May 10, 1979. (Excluded from the provisions of this Article V are certain properties acquired by Wexpro prior to May 10, 1979, encompassing approximately 26,000 acres in Idaho, 3,000 additional acres earned by Wexpro under farmouts, and properties acquired prior to that date in Washington, Oregon, Nebraska, North Dakota and South Dakota.) Included on Schedule 5 are certain Wexpro leaseholds in the Bug Area in San Juan County, Utah, acquired after May 10, 1979.
- V-2. **Post-May 10, 1979, Wexpro Properties**. All acreage and leasehold interests acquired alter May 10, 1979, by Wexpro, except those certain properties listed in Schedule 5 will not be subject to any overriding royalty in favor of the Company, and the Company will have no right, title or interest therein, or in the oil, natural gas or natural gas liquids produced.

- V-3. **2-1/2% Overriding Royalty in the Company**. Wexpro hereby grants to the Company an overriding royalty of 2-1/2% of 8/8ths on all production from any property listed on Schedule 5, subject to the following provisions:
- (a) In the event that on July 31, 1981, (I) the operating and working interest of Wexpro in the properties to be transferred and assigned is less than the full operating and working interest in the lease, or (ii) the lease covers less than the full oil and natural gas mineral estate under the lands covered by the lease, then the overriding royalty interest of the Company will be proportionately reduced and the 2 1/2% will therefore apply only to the interest of Wexpro on July 31, 1981.
- (b) The overriding royalty applies to all oil, natural gas liquids, natural gas and other minerals extracted under the terms and conditions of Wexpro's leasehold or other interests in properties listed on Schedule 5.
- (c) If any interest in the exploratory properties is sold by Wexpro after July 31, 1981, such a sale will be subject to the overriding royalty provided for in this section, and Wexpro will use its best efforts to retain for the Company a 30-day first right of purchase, such right to be the same as that provided for in section IV-6. The proceeds of any such sale will belong to Wexpro.
- V-4. **First Right of Purchase of Gas**. In identical terms and intent as in Article IV, the Company will have a first right to purchase all natural gas produced from properties described on Schedule Son the same 30-day notice terms as in Article IV, which terms are hereby incorporated by this reference to the extent not contradictory. This provision does not apply to gas under contract or otherwise committed or dedicated on the effective date of this Agreement.

VI. PRE-1977 NON-UTILITY PROPERTIES

Properties that were acquired by the Company and recorded -directly in its non-utility accounts prior to January 1, 1977, are and will remain the separate property of Wexpro, and the Company will have no right, title or interest to them. These properties are set forth and described in Schedule 6.

VII. RELATIONSHIP TO PURCHASE AND SALE AGREEMENT

- VII-1. **Agreement of Purchase and Sale Superseded**. The terms and conditions of the Agreement of Purchase and Sale of April 24, 1978, that confer current or future obligations and rights on Wexpro and the Company are superseded by this Agreement, and the Agreement of Purchase and Sale is terminated, effective on the effective date of this Agreement.
- VII-2. **Prior Transfer of Properties**. Certain of the properties described in this Agreement were the subject of the conveyance from Mountain Fuel Supply Company to Wexpro under the Agreement of Purchase and Sale and have been held, operated and owned by Wexpro since the effective date of that Agreement. Except as provided in this Agreement to the contrary, such

properties will be and remain the sole and exclusive property of Wexpro.

VII-3. **Prior Consideration**. As partial consideration for the conveyance of properties from Mountain Fuel Supply Company to Wexpro Company under the Agreement of Purchase and Sale, Wexpro executed and delivered to the Company all of the then outstanding capital stock of Wexpro. Such delivery of common stock remains effective. No additional deliveries of Wexpro's common stock to the Company or return of its common stock to Wexpro is contemplated by this Agreement.

VIII. MISCELLANEOUS PROVISIONS

- VIII-1. **Successor and Assigns**. This Agreement will be binding upon the parties and their successors and assigns. No assignment of any right or obligation under this Agreement will be valid if it operates to relieve the assignee of the obligations so assigned.
- VIII-2. **Integrated Provisions**. The terms and conditions of this Agreement are to be treated as an integrated whole. To the extent that any singular provision is found to be unenforceable or voidable by a court or agency with proper jurisdiction, it is the intent of the parties that the remaining terms of this Agreement will not remain in force and be enforceable by the parties. Failure of any part of this Agreement will cause failure of the entire Agreement unless otherwise agreed to by the parties.
- VIII-3. **Limitations**. The scope of this Agreement is limited to the matters directly addressed. It is not intended to cover any future activity, function, acquisition, transaction or other business endeavor initiated by, joined by or otherwise entered into by the Company, Wexpro, or any other subsidiary or affiliate of the Company unless specifically set forth in this Agreement.
- VIII-4. **Filing Reports**. Wexpro and the Company will co operate in providing, in a timely manner when requested, information necessary for the preparation and filing of reports required by appropriate governmental bodies. However, nothing in this section will be construed to deprive either party of any right or election to decline to produce confidential materials or to attach conditions to any confidential disclosure.
- VIII-5. **Remedies**. The parties may seek appropriate remedies at law and equity for breaches of the terms of this Agreement; except that, rescission will not be sought under any condition (except mutual assent), and no transfer, conveyance, grant or reservation executed under this Agreement may be rescinded.
- VIII-6. **Field and Lease Use**. Wexpro may consume for field or lease use, without compensation or other obligation to the Company, reasonable quantities of any natural gas produced under Articles II, III, IV and V in connection with the production of hydrocarbons from the properties subject to the provisions of such Articles.
- VIII-7. **Force Majeure**. If Wexpro or the Company is rendered unable, wholly or in part, by force majeure to carry out its obligations under this Agreement, other than the obligation to make money payments, that party will give to the other party prompt written notice of the force majeure

with reasonably full particulars concerning it. Thereupon, the obligations of the party giving the notice, so far as they are affected by the force majeure, will be suspended during, but no longer than, the continuance of the force majeure. The affected party will use all possible diligence to remove the force majeure as quickly as possible.

The requirement that any force majeure will be remedied with all reasonable dispatch will not require the settlement of strikes, lockouts, or other labor difficulty by the party involved contrary to its wishes. Such difficulties will be handled entirely within prudent and reasonable judgment of the party concerned.

The term "force majeure" means an act of God, strike, lockout, or other industrial disturbance, act of public enemy, war, blockade, public riot, lightning, fire, storm, flood, mechanical breakdown, explosion, governmental restraint, or any other cause, whether of the kind specifically enumerated above or otherwise, which is not reasonably within the control of the party claiming suspension.

- VIII-8. **Auditing Costs**. Any billing to the Company by Wexpro for services under this Agreement or other determination of expenses may include, as a business expense, the allocated costs of auditing of only the properties and transactions covered by this Agreement by independent certified public accountants and other auditors as such audits may be required under the terms of this Agreement or the Wyoming and Utah Stipulations.
- VIII-9. **Instruments of Conveyance**. Each party will execute such instruments and documents as may be deemed necessary or proper for effecting the intent of this Agreement. All such documents will, in all their terms, be in harmony with the provisions and intent of this Agreement.
- VIII-10. **Farmouts**. Nothing in this Agreement will be construed to preclude Wexpro from entering into farmout agreements with third parties with respect to the transferred leaseholds or other properties assigned, conveyed or transferred under this Agreement as provided in this Agreement.
- VIII-11. **Surface Use**. To the extent that Wexpro or the Company owns or controls any rights to the use or enjoyment of the surface of any of the properties that are subject to this Agreement, the party owning or controlling such surface rights will, to the extent that it has the legal right to so do, grant coextensive surface rights to the other party; provided that each party will be fully responsible for its own activities and facilities upon such lands. Whenever such properties are jointly used by the parties, each party will so conduct its activities upon such lands as to interfere as little as practicable with the activities and operations of the other party.
- VIII-12. **Lease and Other Legal Obligations**. Unless otherwise herein provided to the contrary, Wexpro agrees at its sole cost, risk and expense to perform and comply with any and all legally binding lease or other contractual obligations pertaining to the transferred leaseholds and other properties transferred to it under this Agreement and will comply with all laws, rules and regulations relating to the production of oil and natural gas from such properties and facilities. However, Wexpro will be at liberty to determine for itself the nature, extent and applicability of such obligations, whether contractual or otherwise.

- VIII-13. **Standard of Operation**. Except as specifically provided herein, in all aspects of exploration for and development of oil and natural gas discoveries and production on transferred leaseholds and Account 101/105 leaseholds transferred under this Agreement, the parties will operate in accordance with prudent, standard and accepted field and reservoir management and engineering practices, and with due regard for the benefits provided the Company's utility operations.
- VIII-14. **Exploration Data**. In connection with the properties subject to this Agreement, the Company will transfer to Wexpro all exploration-related geological, geophysical and land data and information that it held on July 31, 1981, and reduce its employment and overhead costs accordingly.
- VIII-15. **Functional Accounting**. For purposes of carrying out the terms and conditions of this Agreement, Wexpro will maintain appropriate separate functional accounting of the transactions required under this Agreement.
- VIII- 16. **Additional Payment**. As partial consideration for the aggregate rights, benefits and covenants conferred under this Agreement, Wexpro will pay the Company to be credited to its utility accounts the sum of \$250,000 per year for 12 consecutive years.

IX. EFFECTIVE DATE

The effective date of the terms and conditions of this Agreement is August 1, 1981.

X. ATTACHMENTS

X-1. **Exhibits**. Attached to and made a part of this Agreement by reference are the following exhibits:

Exhibit	Title
A	Cost of Service Formulation
В	Sample Calculation of Productive Oil Reservoir Accounting
C	Sample Overriding Royalty Calculation
D	Marginal Composite Tax Rate Calculation
E	Operator Service Fee

X.2. Schedules. Attached to and made a part of this Agreement by reference are the following schedules:

Schedule	Title
1	Base Rate of Return Index Companies
2(a)	Productive Oil Reservoirs
2(b)	Prior Wexpro Wells
3(a)	Productive Gas Reservoirs
3(b)	Prior Company Wells
4(a)	Account 101 Leaseholds
4(b)	Account 105 Leaseholds
5	Post-1976 Wexpro Properties in which the Company has a Royalty
6	Pre-1977 Non-Utility Properties

Cost of Service Formulation for Gas from Oil Reservoirs

EXHIBIT A

COST OF SERVICE FORMULATION FOR GAS FROM OIL RESERVOIRS

The monthly cost of service charge directly attributable to the sale to Mountain Fuel Supply Company of natural gas provided by Wexpro Company from certain properties as set forth in the Agreement will include the following costs. (Section references are to the relevant portions of the Agreement to which this exhibit is attached.)

- 1. Operating Expenses. Reasonable and necessary operating expenses incurred by Wexpro and allocated to the production, gathering, treatment and disposition of natural gas. Such expenses will include operating and maintenance expenses, administrative and general expenses, royalties (including compensatory royalties) and fees based on the monthly level of production, and other common business expenses.
- 2. Depreciation. The allocated monthly depreciation expense as computed by the unit-of-production method where applicable or one-twelfth of any annual depreciation expense computed using applicable depreciation methods other than the unit-of-production method as allowed by and computed under the terms of the Agreement.
- 3. Amortization and Depletion. The allocated monthly accrual recorded for the billing month as amortization and depletion of producing lands and land rights, amortization of intangible gas plant and other amortized expenses.

4. Taxes.

- (a) Taxes Other than Income Taxes. Accruals recorded for the billing month with respect to taxes other than federal and state income taxes allocated to natural gas operations, adjustments of such accruals for tax expenses previously billed, and such taxes paid but not previously billed, including any state and local income taxes.
- (b) Federal and State Income Taxes. Federal and state income taxes for the billing month attributable to the investment of

Wexpro allocated to natural gas production facilities, computed by multiplying the return by the marginal composite income tax rate (section I-38) divided by 1.0 minus the marginal composite income tax rate.

5. Return. Return is computed using the base rate of return (section I-44) as adjusted from time to time under the procedure specified in the Agreement. For natural gas that is produced from enhanced recovery facilities to which a 2% adjustment is applicable (paragraph II-6(b)), the 2% risk premium applies to those facilities only. For natural gas that is produced from development gas wells to which a 5% risk adjustment is applicable (paragraph II-8(b)), the 5% risk premium applies to those facilities only.

The investment used as a base to which a rate of return is applied will be computed in total for each category of investment subject to (i) no risk premium, (ii) the 2% risk premium, and (iii) the 5% risk premium, and will be one-twelfth of the sum of:

- (a) The allocated, actual original investment including AFUDC in wells, well facilities and plant facilities utilized or held for future use in connection with the production, gathering, treatment and disposition of natural gas and oil, less accumulated reserves for depreciation and amortization of such plant facilities; plus
- (b) A general plant allowance calculated by multiplying the amount in paragraph (a) above by 6.3%; plus
- (c) A cash working capital allowance for each category of investment (no risk premium, 2% risk premium, and 5% risk premium) equal to 45/365 of the allocated operating expenses, identified in section 1 above, less royalties and annualized by multiplying the monthly amounts by 12; plus
- (d) A credit for the balance of accumulated deferred income taxes and other tax-timing reserves accrued solely as a result of facilities installed after July 31, 1981, for each category of investment (no risk premium, 2% risk premium, 5% risk premium).
- 6. Costs, expenses and investments will be allocated only when direct assignment cannot be made to specific products. When any
- cost, expense or investment is related to the production of joint products and direct assignment cannot be made, the product allocation procedure (section I-47) will be used.
- 7. Page 4 of this exhibit is an example of the calculations to be used for natural gas that is subject to this cost-of-service determination. The individual numbers are illustrative only and do not represent any actual circumstances.

EXHIBIT A
SAMPLE COST-OF-SERVICE CALCULATION
GAS SOLD BY WEXPRO TO THE COMPANY
FROM PRODUCTIVE OIL RESERVOIRS

-				Post-	Enhanced Facilities S	Recovery	Post- July 31, 1981 Development
		<u>.</u>	Total	July 31, 1981 Facilities	Base Rate of Return (r)	(r + 2,00%)	Drilling Facilities
: 1	Investment	and the same of	(1)	(2)	(3)	(4)	(5)
. 2	Net Plant Investment in Productive Oil Reservoirs		\$57,000	\$48,300	\$5,060	\$1,190	\$2,450
. 3	Gas Production Investment:	3 3		7.7			
4. 5.	Directly Assignable to Gas Production Allocation Based on Product Allocation (§ I-47)		1,019 6,200		100 460	70 170	40 570
6.	Net Investment in Gas Production Facilities		\$ 7210	\$ 5,800	\$ 560	\$ 240	\$ 610
7.	. Add: General Plant @ 6.3%		454	366	35.	15	38
10.	Cash Working Capital: 45/365 x (O&M + A&G) x 12		132	117	8	3	- 3
710.	Total Investment Base for Return Calculation:	•	<u>(54)</u> \$ 7,742	\$ 6.283	<u>(20)</u> \$ 583	<u>(9)</u>	<u> (2)</u>
12	Cost of Service	-	¥ *,1-42	4 5,000		V.	
13.	Total Expenses for Month		\$ 2,500	\$ 2,173	\$ 207	\$ 46	\$ 74
<i>≃</i> 14.			701	618	57	10	. 16
15.	Directly Assignable Expenses Gas Operating & Maintenance Expenses	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			e de la companya del companya de la companya del companya de la co	1 1 1 ×	÷ *,
17.	. Administrative & General Expenses		<u>.</u>				<u> </u>
18.		` .	94	, 83 1	. 6	<u>2</u> .	. 3
20.			<u> i </u>		· <u>- : </u>		1
. 2L	Total - Gas Direct Expenses	•	97	84	7	. 2	
22	Allocable Expenses - Oil & Gas Allocable Expenses - Gas		\$ 1,799	\$ 1,555	\$ 150	\$ 36	\$ 58
22 23 24 25 26 27	Operating & Maintenance Expenses Administrative & General Expenses		70	64	. 3		2
26	Royalties.			=	- -	7 ÷ ±	
28.	Other Taxes Depreciation		79 93	65 75	· 6	2	5 7
29.	Total Gas Allocable Expenses		\$ 260	\$ 219	\$ 20	\$ 6	\$ 15
30.							A 5.
31.		. 1		16.00%	16.00%	18.00%	21.00%
32.			\$ 107	\$ 84	\$ 8	# \$	\$ 11
33	item =		91	72	7	- 3,	9
34,	. Total Monthly Cost of Service (fines 21 + 29 + 32 + 33)		\$ 555	\$ 459	2 42	\$ 15	\$ 39

All figures are hypothetical and only for the purpose of demonstrating the method of calculating the cost of service price for gas sold by Wexpro to the Company.

Sample Calculation of Productive Oil Reservoir Accounting

EXHIBIT B SAMPLE CALCULATION PRODUCTIVE OIL RESERVOIR ACCOUNTING!

		•	e.	Enhanced Reco	wery Facilities	Post- July 31, 1961	Allocated
:		Total	Post- July 31, 1981 Facilities	Base Rate of Return (r)	(r+2.00%)	Development Deilling Facilities	to Cost- of-Service Natural Gas
1	Net Plant Investment in Productive Oil Reservoirs Allocation of Investment	\$57,000	\$48,300	\$5,060	\$1,190	\$2,450	
3	Directly Assignable to Products Allocated Based on Product Allocation		12,000 30,500	1,500 3,000	50 900	240 1,600	L010 6,200
4	Allocated Investment		\$42,500	\$4,500	\$ 950	\$1,840	\$7,210
5	Total Revenues for Month from Sale of Oil	\$ 4,520	\$ 3,700	\$ 540	\$ 96	\$ 185	1
6	Total Expenses for Month Allocation of Expenses for Month	\$ 2,500	\$ 2,173	\$ 207	\$ 46	* \$ 74	
7 8	Directly Assignable to Products Affocated Based on Product Affocation	•	534 1,336	50 130	30	12 43	97 260
9	Allocated Expenses		\$ 1,870	\$ 180-	\$ 38	\$ 55	\$ 357
10 [.]	Operating Income for Month Federal and State Income Taxes at 46.828%		\$ 1,830 856	\$ 360 169	\$ 57 27	\$ 130 61	
12	Net Income from Oil after Taxes	\$ 1,264	\$ 974	\$ 191	\$ 30	\$ 69	
13	Rate of Return For Investment Recovery	-	16.00%	16.00%	18.00%	21.00%	
14	Return Allocated to Oil Investment (line 4 x line 13)/12	\$ 673	\$ 567	\$ 60	\$ 14	\$ 32	
15 16 17	Amount to Be Divided Between Company and Wexpro Company Portion at 54% Payment to Company (line 16)/(1-46828)	\$ 591 319 \$ 600	\$ 407 220 \$ 413	\$ 131 71 \$ 133	\$ 16 9 \$ 16	\$ 37 20 \$ 37	
18 19 20	Restatement of Wexpro's Monthly Oil Net Income Revenue For Month Expenses for Month - Oil Previous Expense - Total \$2,143	\$ 4,520	· ,•				
21 22	Amount to Company 600 Total Restated Expenses for Month	(2,743)					
23 24	Restated Operating Income Income Taxes at 46.828%	\$ 1,777 (832)					
25	Restated Wexpro Net Income After Taxes	\$ 945		•			

³ All figures are hypothetical and used only for demonstrating the method of calculating payment to the Company for oil production from the productive oil reservoirs, as provided in Article II of the Agreement.

² See Exhibit D.

Sample Overtiding Royalty Calculation

O.U.G.II.B.K.T.

EXHIBITC

Famoust - ORR Not Preserved Nat Interest Before Farmoust After Farmoust Lases Gross Revenues Verpro's Gross	Nei Interest Before Farmout Before Farmout Lease Gross Revenues Vectoris Gross Revenues Vectoris Gross Revenues Vectoris Gross Subject to ORR Farmer's Gross Subject to ORR Vectoris Gross Subject to ORR Vectoris Gross Subject to ORR Subject Farmer Gross Overriting Royalty on Gross 7.00	Wespro Interest in Lease Lease Gross Reventues Wespro Gross Reventues Royalty Rate on Wespro's Gross ORR on Wespro's Gross ORR on Wespro's Gross Before Farmont - ORRF Preserved Back-ta
\$ 5.00 \$ 50.00% \$ 100.00 \$ 50.00%	100% 1100/m 1100/m 1100/m 1100/m 1100/m 1100/m 1100/m 1100/m 1100/m 1100/m 1100/m	OVERRII LEASE A LOCACY STORAGO TACK S 7.00 After Back-In
\$ 03125 \$ 1000 \$ 1000 \$ 325 \$ 325 \$ 305 \$	ş Ş	DING ROYALTY CALL LEASE B SAIDS \$100.0 \$20.0 \$100.0 \$100.0 \$100.0 \$100.0 \$100.0 \$100.0 \$100.0 \$100.0 \$100.0 \$100.0 \$100.0 \$100.0
\$100.00 \$25.00 \$100.00 \$100.00 \$25.00	150 200 200 200 200 200 200 200 200 200 2	After State of the
100% Not Applicable	\$100.00 \$ 6.25 \$100.00 \$ 6.25 \$ 400.00 \$ 2.50 \$ 2.50	#EASEC #80.078 \$190.00 #80.00 \$ 2.50% \$ 2.50 Belfore Back-In
		# A P
50% No Applicable	# 172 # 652 # 652 # 652 # 172 #	EDASE D SUMM SUMM SUM \$ 250 \$ 250 \$ 150 \$ 150 \$ 150
icable	25. 25. 25. 25. 25. 25. 25. 25. 25. 25.	Atte

Overriding Royalty - 7% ORR, section IV-4 of the Agreement; 24%, section IV-3, -7% ORR replaced by 10% ORR on gross receipts only; see paragraph IV-4(b).

Marginal Composite Tax Rate Calculation

EXHIBIT D

MARGINAL COMPOSITE TAX RATE CALCULATION

For determining the marginal composite tax rate defined in section I-38, the composite state tax rate $t_{\rm S}$ is determined as follows:

$$t_s = \sum_i r_i \times \frac{Inv_i + Rcpt_i + W_i}{3}$$

where

Inv_i is the percentage of Wexpro's total-company investment in state i,

Rcpt; is the percentage of Wexpro's total-company gross receipts from state i,

W_i is the percentage of Wexpro's total-company wages paid to employees residing in state i,

 $\mathbf{r}_{\mathbf{i}}$ is the marginal state tax rate applicable in state i.

The summation ranges over all states in which Wexpro has investment or employees or makes sales. (Note that $\sum \text{Inv}_i = 1.0$, $\sum \text{Rcpt}_i = 1.0$, and $\sum W_i = 1.0$.)

COMPOSITE STATE TAX RATE CALCULATION - 1981

	i	State	Invi	Repti	$\mathbf{w_i}$	ri	rix Invi + Repti + Wi
							3
	1	Utah	.07735	.02799	.58211	.0400	.00917
	2	Wyoming	.77443	.88316	.29687	.0	.0
	. 3	Colorado	.07192	.01613	.06149	.0500	.00249
	4	Idaho	.00922	.0	0	.0650	.00020
	5	Montana	.00846	.00131	.0	.0675	.00022
	6	New Mexico	.00638	.00144	.05953	.0500	.00112
	7	Nevada	.01806	.02862	.0	.0	.0.
	8	N. Dakota	.03337	.04135	.0	.0850	.00212
8	9	S. Dakota	.00018	.0	0	0	.0
	10	Oregon	.00053	.0	.0	.0750	.00001
	11	Nebraska	00010	.0	0	.04125	.0
	Tota	als	1.00000	1.00000	1.00000	5.	.01533

 $t_s = .01533$ $t = t_f (1 - t_s) + t_s$ t = .46 (.98467) + .01533

t = .46828

¹ All data is for calendar year 1980.

Operator Service Fee

EXHIBIT E

OPERATOR SERVICE FEE

The monthly operator service fee to be charged to Mountain Fuel Supply Company by Wexpro for the production of hydrocarbons from certain properties as set forth in Article III of the Agreement will include the costs detailed below. Any reference to investment and facilities in this determination will be only to "post-July 1981 facilities" as described in section III-4 of the Agreement. No leasehold carrying costs or exploration and development expenses related to dry holes will be included as costs or expenses in this determination. (The Company's investment in properties described in Article III made prior to July 31, 1981, and other Company investment made after July 31, 1981, pursuant to Article III will be accorded rate-base treatment as a part of the Company's natural gas rate determinations by the Utah and Wyoming Public Service Commissions.

- 1. Operating Expenses. Reasonable and necessary operating expenses incurred by Wexpro and allocated to the production, gathering, treatment and disposition of hydrocarbons. Such expenses will include operating and maintenance expenses, administrative and general expenses, royalties (including compensatory royalties) and fees based on the monthly level of production, and other common business expenses.
- 2. Depreciation. The allocated monthly depreciation expense as computed by the unit-of-production method where applicable or one-twelfth of any annual depreciation expense computed using applicable depreciation methods other than the unit-of-production method as allowed by and computed under the terms of the Agreement.
- 3. Amortization and Depletion. The allocated monthly accrual recorded for the billing month as amortization and depletion of producing lands and land rights, amortization of intangible gas plant and other amortized expenses.

4. Taxes.

(a) Taxes Other than Income Taxes. Accruals recorded for the billing month with respect to taxes other than federal and state income taxes allocated to natural gas operations, adjustments

of such accruals for tax expenses previously billed, and such taxes paid but not previously billed, including any state and local income taxes.

- (b) Federal and State Income Taxes. Federal and state income taxes for the billing month attributable to applicable investment in hydrocarbon production facilities, computed by multiplying the return by the marginal composite income tax rate (section I-38) divided by 1.0 minus the marginal composite income tax rate.
- 5. Return. Except for Wexpro's investment in commercial development wells, return on post-July 31, 1981, facilities (section III-4) is computed using the base rate of return (r) (section I-44), as adjusted from time to time under the procedure specified in the Agreement. For investment in commercial development wells, the return is computed on the basis of the base rate of return plus a risk premium of 8.00% (r + 8.00).

The investment used as a base to which a rate of return is applied will be computed in total for each category of investment subject to (i) no risk premium, and (ii) the 8% risk premium, and will be one-twelfth of the sum of:

- (a) The actual-original investment including AFUDC in wells, well facilities and plant facilities utilized or held for future use in connection with the production, gathering, treatment and disposition of natural gas, natural gas liquids and oil, less accumulated reserves for depreciation and amortization of such plant facilities; plus
- (b) A general plant allowance of 6.3% times the sum of the amount in paragraph (a) and the depreciated investment in wells, well and plant facilities related to production of hydrocarbons under Article III of the Agreement as reflected in the Company's Utah and Wyoming Public Service Commission utility rate base (It is understood that the Company will correspondingly reduce its Utah and Wyoming Public Service Commission utility rate base by those investments in general plant that have heretofore been used in carrying out activities in connection with such properties); plus
- (c) A cash working capital allowance for each category of investment (no risk premium, and 8% risk premium) equal to 45/365 of the allocated operating expenses, identified in section 1 above, less royalties and annualized by multiplying the monthly amounts by 12; plus
- (d) A credit for the balance of accumulated deferred income taxes and other tax-timing reserves accrued solely as a result of facilities installed after July 31, 1981, for each category of investment (no risk premium, 8% risk premium).
- 6. Costs, expenses and investments will be allocated where appropriate, but only when direct assignment cannot be made.

Base Rate of Return Index Companies

SCHEDULE:1 "Wexpro Case" Agreement BASE RATE OF RETURN INDEX COMPANIES

	Company Name	Activity ¹	Regulatory Agency	Base of Return on Common Equity on May 31, 1961
1.	Idaho Power Company	Electric Services	Idaho Public Service Commission	14.50%
2.	Intermountain Gas Co.	Gas Distribution	Idaho Public Service Commission	14.50%
3.	Montana Power Company	Electric Services	Montana Public Service Commission	13.45%
4.	Montana-Dakota Utilities Co.	Gas Distribution	Montana Public Service Commission	13.50%
5,	Pacific Power & Light	Electric Services	Wyoming Public Service Commission	14.64%
6,	Northern Utilities, Inc.	Gas Distribution	Wyoming Public Service Commission	13.50%
7.	Nevada Power Company	Electric Services	Nevada Public Service Commission	I5.00%
8.	Southwest Gas Corp.	Gas Distribution	Nevada Public Service Commission	15,20%
9.	Utah Power & Light Co.	Electric Services	Utah Public Service Commission	16.80%
10.	Mountain States Tel. & Tel. Co.	Tele communications	Utah Public Service Commission	14.50%
11.	Public Service Co. of Colorado	Gas Distribution	Colorado Public Service Commission	15.45%
12.	Mountain States Tel. & Tel.	Tele communications	Colorado Public Service Commission	11.90%
13.	Arizona Public Service Co.	Electric Services	Arizona Corporation Commission	15,00%
14.	Southwest Gas Corp.	Gas Distribution	Arizona Corporation Commission	16.00%
15.	Public Service Co. of New Mexico	Electric Services	New Mexico Public Service Commission	15.50%
16.	Southern Union Gas Co.	Gas Distribution	New Mexico Public Service Commission	15.50%
17.	Colorado Interstate Corp.	Gas Transmission	Federal Energy Regulatory Commission	13.25%
18.	Northwest Pipeline Corp.	Gas Transmission	Federal Energy Regulatory Commission	13.75%
19.	Kansas-Nebraska Natural Gas Co.	Gas Transmission	Federal Energy Regulatory Commission	13.00%
20.		Gas Transmission	Federal Energy Regulatory Commission	12.00%

¹ For purposes of calculating the base rate of return, the allowed return only on the indicated operations of each company is to be used.

Productive Oil Reservoirs

SCHEDULE 2(a) "Wexpro Case" Agreement PRODUCTIVE OIL RESERVOIRS

					Productive (Dil Reservoir ³
L.Jd Name	State	Formation	Marker Well!	Marker Well Location ²	Interval Top	Interval Base
Ace Unit	Colorado	Wasatch	Ace Unit #8	SWSE Sec 28, T12N, R97W	2,703	3,105
st Hiawatha	Colorado Wyoming	Wasatch	Newberger #6	NWSE S∞ 13, T12N, R100W	1,920	2,426
ks Draw Unit	Colorado	Wasatch	Jacks Draw Unit #11	SWSW S∞ 2, T11N, R97W	3,074	3,130
McClean	Colorado	Desert Creek	McClean Basin #2	SWNE Sec 15, T37N, R19W	5,910	5,958
Powder Wash	Colorado	Wasatch Fort Union	H. W. Stewart #4	SWNE S∞ 32, T12N, R97W	2,740 5,120	5,120 5,270
ap Springs	Nevada	Pritchard Station	Trap Springs #1R	NWSE Sec 27, T9N, R56E	3,7 55	4,170
Bug	Utah	Lwr Desert Cr. Honaker Trail	Bug Well #4	NESW Sec 16, T39N, R26E	6,283 4,570	6,320 4,672
stie Peak	Utah	Green River	Castle Peak Unit #5	NWSW S∞ 24, T9S, R15W	2,898	5,158
ay Wolf Mountain	Utah .	Green River-Wasatch	Broadhead #1	© CNE S∞ 21, T2S, R6W	11,106	13,806
Patterson Canyon	Utah	Lower Ismay	Patterson Unit #1	NENW Sec 5, T38S, R25E	5,492	5,653
Patterson Unit	Utah	Lower Ismay	Patterson Unit #1	NENW Sec 5, T38S, R25E	5,492	5,663
rch Creek Unit	Wyoming	Wasatch/Almy Mesaverde	Birch Creek Unit #1	NENW Sec 14, T27N, R113W	Surface 2,417	2,417 2,970

The marker well is a representative well in the field (usually the deepest well). A dated mechanical log from such well was used to determine the top and base of the productive interval. Marker wells are not necessarily prior Company wells or prior Wexpro wells, as defined in the Agreement; they may be third-party wells.

Marker well location may not be within a development drilling area, as defined in the Agreement; its selection is related to the productive formation and the reliability and quality of the ata to indicate stratigraphic equivalency elsewhere in the formation.

In pand base (feet below the surface) in the marker well: Extent of productive oil reservoir elsewhere is the stratigraphic equivalent of this interval; the areal extent of the productive oil reservoir is defined in the Agreement.

•			, e. re			Productive (hi Keservoir
	Field Name	State	Formation	Marker Well	Marker Well Location	Interval Top	Interval Base
	Brady Unit (North)	Wyoming	Entrada Nugget Weber	Brady Unit Well #14	SWSE Sec 4, T17N, R100W	11,607 11,756 13,660	11,756 12,275 14,535
	Brady Unit (South)	Wyoming	Weber Nugget Phosphoria	Brady Unit #1	NENW Sec 11, T16N, R101W	13,595 11,660 13,365	14,400 12,202 13,595
	Bruff Unit	Wyonting	Morgan	Bruff Unit #L	SWSW Sec 22, T19N, R112W	17,290	17,350
	Dry Piney Unit	Wyoming	Nugget	Dry Piney Unit #18	NWSW Sec 10, T27N, R114W	10.915	11,517
	Feather-Highland-So	ott Wyoming	Upper Parkman	Hannifin Federal #1	NESE Sec 18, T35N, R71W	8,560	8,700
>	Powell (Spearhead Ranch Part)	Wyoming	3rd Bench 1st Frontier	Spearhead Ranch Unit #18	SWNE Sec 22, T39N, R74W	12,402	12,435
	Powell (Spearhead Ranch Part)	Wyoming	1st Bench 1st Frontier 3rd Frontier	U.S.A. Dilts #31-1	NESW Sec 31, T40N, R73W	11,610	11,630
	Ross (Fox)	Wyoming	3rd Frontier	Moore Federal #1-1	CUMIC C TANK DOCK	12,165	12,205
	South Spearhead	Wyoming	- -		SWNE Sec 1, T40N, R75W	12,700	12,725
	(Fox)	** younng	1st Bench- 1st Frontier	South Spearhead Fed #1-24	CSE Sec 24, T37N, R75W	12,730	12,782
	Spearhead Ranch Unit (Part)	Wyoming	1st Bench- 1st Frontier	Spearhead Ranch Unit #1A	SENW Sec 13, T39N, R75W	12,585	12,595
	Trabing (Bonnidee)	Wyoming	Frontier	Federal #1-10	NWSE S∞: 10, T46N, R80W	12,624	12.664
	Yellow Creek	Wyoming	Twin Creek	Yellow Creek #1-36	SWNE Sec 36, T15N, R121W	5,928	6,738

Prior Wexpro Wells

SCHEDULE 2(b) "Wexpro Case" Agreement

PRIOR WEXPRO WELLS

	I MON WEY	TLYO METTO			a transfer in agreement and an agreement and agreement agreement agreement agreement agreement agreement and agreement agr
FIELD NAME	PRIOR WEXPRO WELL	FIELD NAME	PRIOR WEXPRO WELL	PIELD NAME	PRIOR WEXPRO WELL
Ace Unit [Colorado] East Hiawatha [Colorado]	Ace Unit #5 Ace Unit #8 East Hiawatha 17-2 F, Wilson B #4	Birch Creek Unit (Wyoming)	Birch Creek Unit #62 Birch Creek Unit #63 Birch Creek Unit #66 Birch Creek Unit #67	Dry Piney Unit {Wyoming}	Dry Piney Unit #20 Dry Piney Unit #21 Dry Piney Unit #24 Dry Piney Unit #25
100int shall	F. Wilson A #5		Birch Creek Unit #68 Birch Creek Unit #69 Birch Creek Unit #70 Birch Creek Unit #71	Feather-Highland-Scott [Wyoming]	Hannifin Federal #1
	F. Wilson A #8 F. Wilson B #11 F. Wilson B #12 F. Wilson B #13		Birch Creek Unit #71 Birch Creek Unit #74 Birch Creek Unit #75 Birch Creek Unit #76 Birch Creek Unit #77	Powell (Spearhead Ranch Part) [Wyoming]	Spearhead Ranch Unit #18 Werner #25-1
	F. Wilson B #14 F. Wilson B #15 F. Wilson A #17 F. Wilson A #18 P. Wilson B #19 F. Wilson B #21 G. Kuykendall A #1 G. Kuykendall A #3 G. Kuykendall A #6 G. Kuykendall A #7		Birch Creek Unit #77 Birch Creek Unit #79 Birch Creek Unit #82 Birch Creek Unit #83 Birch Creek Unit #83 Birch Creek Unit #20 Birch Creek Unit #20 Birch Creek Unit #33 Birch Creek Unit #34 Birch Creek Unit #34 Birch Creek Unit #37 Birch Creek Unit #37 Birch Creek Unit #38 Birch Creek Unit #39 Birch Creek Unit #39 Birch Creek Unit #39 Birch Creek Unit #40	Powell (Spearhead Ranch Part) (Wyoming)	Powell II Unit #9 U.S.A. Dilts #31-1 Boswell Federal #2-1 Dilts Cooke Federal #1-1 Harvey Federal #6-1 Tonkinson #11-1 Dilts #12-1 Wolf State #13-1 Spearhead Ranch Unit
Jacks Draw Unit	G. Kuykendali #8 Jacks Draw Unit #4		Birch Creek Unit #37 Birch Creek Unit #38 Birch Creek Unit #38		#10 Spearhead Ranch Unit
(Colorado) McClean (Colorado)	McClean Basin #2		Birch Creek Unit #44		\$12 Spearhead Ranch Unit #13 Spearhead Ranch Unit
Powder Wash [Colorado]	Carl Allen B #9 Carl Allen B #13 Carl Allen A #16 Carl Allen A #19 B. W. Musser B #15 J. C. Donnel B #4 J. C. Donnel B #7 J. C. Donnel B #8 J. C. Donnel B #10	Brady Unit (North) [Wyoming] Brady Unit (South) [Wyoming]	Birch Creek Unit #45 Brady Unit Well #14W Brady Unit Well #17N Brady Unit Well #25N Brady Unit Well #26E Brady Unit Well #16W Brady Unit Well #18W Brady Unit #18 W Brady Unit #18 (#21-11)	Ross (Fox)	#14 Spearhead Ranch Unit #15 Spearhead Ranch Unit #17 Spearhead Ranch Unit #20 Bustard Federal #24-1 Moore Federal #1-1
Trap Springs [Nevada]	H. W. Stewart A N3 H. W. Stewart A N4 J. C. Donnel A N6 Trap Springs N3 Trap Springs N1 Trap Springs N2		Brady Unit Well #16W Brady Unit Well #18W Brady Unit #1 (#21-11) Brady Unit #2 (#41-2) Brady Unit #3 (#1-15) Brady Unit #3 (#1-11) Brady Unit #5 (#11-11) Brady Unit #5 (#32-2)	[Wyoming]	South Spearhead #I-24 South Spearhead #I- 11 Judson South Spearhead #I-2
(1.10.400)	Trap Springs #2 Trap Springs #8 Trap Springs #16 Trap Springs #17 Trap Springs #1R		Brady Unit #9 (#43-10) Brady Unit #10 (#22-22) Brady Unit #11 (#32-31) Brady Unit #12	Spearhead Ranch Unit (Part) [Wyoming]	Spearhead Ranch Unit #1A Spearhead Ranch Unit #4 Spearhead Ranch Unit
Bug [Utah]	Bug Well #4 Bug Well #10 Bug Well #12 Bug Well #14 Bug Well #15 Bug Well #15 Bug Well #16		(#11-27) Brady Unit #13 (#16-101) Brady Unit #16 (#32-10) Brady Unit #18	Trabing (Bonnides)	#6 Spearhead Ranch Unit #7 Spearhead Ranch Unit #8
Castle Peak Uintah Basin [Utah]	Castle Peak Unit #5		(#44-11) Brady Unit #21 (#43-46) Brady Unit #22 (#22-15)	[Wyoming]	Bouma Zezas #1-3 Federal #1-10 Adamson Eklund #1-14
Gray Wolf Mountain [Utah]	Broadhead #1		Brady Unit #23 (#31-1) Brady Unit #24 (#14-B)	Yellow Creek [Wyoming]	Porath "A" #1 Yellow Creek #1-36
Patterson Canyon [Utah]	Patterson Canyon #1 Patterson Canyon #3		Brady Unit #27 (N) Brady Unit #30 Brady Unit #31 (#24-2)	i a tominki	Yellow Creek #3-36
Patterson Unit (Utah)	Patterson Unit #1	Bruff Unit	Brady Unit #33 Bruff Unit Well #1		
Birch Creek Unit [Wyoming]	Birch Creek Unit # 48 Birch Creek Unit #50 Birch Creek Unit #52 Birch Creek Unit #58	[Wyoming] Dry Piney Unit [Wyoming]	Dry Piney Unit #17 Dry Piney Unit #18 Dry Piney Unit #19	•	
		1		• • •	

Productive/Gas Reservairs

SCHEDULE 3(a) "Wexpro Case" Agreement PRODUCTIVE GAS RESERVOIRS

				54	Productive Ga	is Reservoir
Field Name	State	Formation	Marker Well'	Marker Well Location ²	Interval Top	Interval Base
Ace Unit	Colorado	FL Union	Ace Unit #2	SWSW Sec 3, TIIN, R97W	5,180	7,342
Big Horse Draw (Cathedral)	Colorado	Manous "B"	Big Horse Draw #26-2	SESW Sec 26, T2S, RIVIW	2,097	2,450
Bull Basin- Plateau-Highmore	Colorado	Corcoran	#1:35	NWNW Sec 35 T10S, R96W	3.708	3,897
Cross Canyon	Colorado	Ismay	Cross Canyon Unit #1	SWNE Sec 7, T38N, R19W	5,860	5,920
Dragon Trail Unit	Colorado	Manoos "B"	Dragon Trail Unit #46	NWSW Sec 21. TZS. R102W	2,600	2,985
East Hiawatha	Colorado	Wasatch Fort Union Lanco/Lewis	Newberger #6	NWSE Sec 13, TIZN, RICOW	Surface 2,426 4,730	1,920 4,730 4,810
Egnar Unit	Colorado	Mississippian	Egnar Unit #1	SENE Sec 30, T44N, RI9W	9.100	9,375
Hiawatha Deep Unit	Colorado	Entrada & Nuggett	Hiswatha Deep Unit #1	NENW Sec 22, T12N, R100W	14,337	15.020
Horseshoe Canyon Unit	Colorado	Dakota Cedar Mountain Corcoran-Cozette	Horseshoe Cyn Unit #131	SENE Sec 31, T9S, R97W	6.774 2.296	6,956 2,580
Jacks Draw Unit	Colorado	Ft. Union	Jacks Draw Unit #15	NENE Sec 21, T12N, R97W	5,118	6,440
Lower Horse Draw Unit (Lower Horse Draw Area)	Colorado	Mancos "B"	MF #10-1	NWSW Sec 10, T2S, R103W	2,628	3,160
Powder Wash Unit	Colorado	Wasatch- For Union	Carl Allen #11	SESW Sec 33, TIZN, R97W	Surface	8,410
Rabbit Mountain	Colorado	Mancos "B"	MFS Federal #8-1	NWNE Scc 8, T2S, R193W	3.96 5	4,265
Sugar Loaf- Talamantes	Colorado	Mesaverde (Almond) Lower Ft Union/Lance	Gov't #L	SENW Sec 15, T1th, R101W	5,458 4,950	5,65S 5,340

The marker well is a representative well in the field (usually the deepest well). A dated mechanical log from such well was used to determine the top and base of the productive interval. Marker wells are not necessarily prior Company wells or prior Wexpro wells, as defined in the Agreement; they may be third-party wells.

SCHEDULE 3(a)

Field Name	Section 2		***		Productive (as Reservoir
	State	Formation	Marker Well	Marker Well Location	Interval Top	Interval Base
West Douglas Creek West Hiswatha	Colorado	Manos "B"	Gov't #30-6	SENW Sec 30, T2S, R102W	2,703	3,090
	Colorado	Lance/Lewis Ft. Union Wasatch	W. B. Lashar #5	SWSW Sec 25, TIZN, R101W	4.448 2.230 Surface	4,670 4,448
Ledger (Whiskey,Trail)	Montana	Bow Island	Nierenberg #263 Fee	NENW Sec 26, T30N, RIW	1,046	2,230 1,990
Milk River	Montana	Eagle White Specks	Oil Resources #19-4	SWNW Sec 19, T3SN; RI 3E	1,069	1,356
Sunburst Justs Unit	Montana Nevada	Third Bow Island	Kiehlbauch #2	NWSE Sec 33, T36N; R4W	2,160 1,760	2,180 1,796
Bisti-Escrito- Verde Basin Dakota	New Mexico	Elko Basin Dakota	figgs #10-1 Mountain Federal #1	SESE Sec 10, T29N, RSSE NWSW Sec 18, T24N, R9W	9,050 1,766	9,450
Fruitland	New Mexico	Picture Cliff Dakota Menelee	Stevens #1	NWNE Sec 29, T30N, R14W	6,405 5,680	1,990 6,450 5,913
Tracy Dome (Carlsbad)	New Mexico	Morrow Wolf Camp	Rifle Federal #2	NENW Sec 28, T21S, R26E	3,196 10,854	3,310 11,220
Clay Basin Unit	Utah	Frontier	Clay Basin Unit #18	NWNW Sec 23, T3N; R24E	8,995	9,155
land Unit	Utah	Wasatch	feland Hair #0	CSW Sec 11, T10S, R19E	5,640	5,850
iute Knoti	Utah	Upper Ismay	Piete Knoll #1	NESW Sec 26 T33S, R2SE	4,880	6,800
te Trail Unit	Utah	Mesaverde Wasatch	Ute Trail Unit #1	NENE Sec 8, T105, R22E	5,730 6,720	5,795 8,110
lirch Creek Unit	Wyoming	1st Frontier 2nd Frontier Bear River	Birch Creek Unit #1	NENW Sec 14, T27N, R113W	5,050 6,267 6,685 7,490	5,270 6,325 6,880
lack Butte Creek	Wyoming	Dakota	Black Butte Creek Unit #44-25	SESE Sec 25, T19N, R103W	7,690 3,890	7,700 3,910
rady Unit (South)	Wyoming	Daiota Frontier	Brady Unit Well #1	NENW Sec 11, T16N, R101W	10,870	11,038
ull Unit- Moica Arch	Wyoming	Dakota 2nd Frontier	Bruff Unit #1	SWSW Soc 22, T19N, R112W	10,290 11,900	10,400 12,190
utcher Knife Spring Unit	Wyoming	Morgan Dakota	Butcherknike Spring Unit #1	SWNE Sec 29, T15N, R112W	11,278 17,903 12,822	11,500 18,410 13,290

^{*}Marker well location may not be within a development drilling area, as defined in the Agreement; its selection is related to the productive formation and the reliability and quality of the data to indicate strat igraphic equivalency elsewhere in the formation.

^aTop and base (feet below the surface) in the marker well: Extent of productive gas reservoir elsewhere is the stratigraphic equivalent of this interval; the areal extent of the productive gas reservoir is defined in the Agreement.

SCHEDULE 3(a)

						·	Productive	Gas Reservoir
	Field Name	State	Formation	Marker Well	Marker Well Location		Interval Top	Interval Base
	Canyon Creek Area	Wyoming	Fort Union	Canyon Cr. Federal #2-19	NENE Sec 19, T13N, R100W		3,900	4,050
	Canyon Creek Dome Unit	Wyoming	Ewr Mesaverde Almond	Canyon Creek Unit #17	NESW Sec 3, Țizn, Riolw		5.380 4,600	6,798 4,750
	Church Buttes Unit	Wyoming	Morgan Dakota Frontier	Church Buttes Unit #19	SENE Sec 8, T16N, R112W		17,740 12,620 12,157	18.302 12.847 12.288
	Creston Area (Standard Draw)	Wyoming	Almond	MFS Federal #22-1	NWSW Sec 22, T18N, R93W		8,690	.6,790
	Dry Piney Unit	Wyoming	Bear River Ist Frontier 2nd Frontier	Dry Piney Unit #18	NWSW Sec. 10, T27N, R114W	4	8,177 6,477 7,095	8,611 6,695 7,380
	Emigrant Springs	Wyoming	2nd Frontier	Harrington Federal #1	SWNE Sec 5, T22N, RITIW		10,860	11,015
	Farson Cut Off (Gravel Area)	Wyoming	Frontier	Farson Cut Off #1	SWNE S∞ 18, T23N, R111W		10,360	10,595
	Five Mile Gulch Unst	Wyoming	Mesaverde	Five Mile Gulch #3	CSW Sec 35, T2IN, R93W	1,00	10,408	11,015
w	Fogarty Creek	Wyoming	Bear River 2nd Frontier	Fogarty Creek Fed. #1-32	SWSE Sec 32, T28N, R114W		8,390 7,370	8,500 7,668
	Granger	Wyoming	2nd Francier	Granger #1	CNW Sec 8, TI9N, RITTW		12,024	12,229
	Jackknile Spring Unit	Wyoming	Lower Mesaverde-Blair	Jackkende Spring Unit #2	NENW Sec 2, TIGN, RIOIW		5,300	7,146
	Johnson Ridge	Wyoming	Fort Union (Transition Zone)	Johnson Ridge #2	NWSE Sec 17, T30N, R113W	*.	3,450	3,735
	Kinney Unit (Pioneer)	Wyoming	Nugget Dakota Frontier Almond Wasatch	Kinney Unit #1	NWNW Sec 18 TE3N, R99W		14,670 13,880 13,400 4,810 2,380	14,940 14,062 13,540 4,860 2,780
	Leucite Hills Unit	Wyoming	Dakota Morrison Frontier	Lewite Hills Unit #1	NWSE Sec 29, T22N, R100W		7,010 6,230	7,320 6,350
	The Mesa Unit (Pinodale)	Wyoming	Fort Union/ Lance	The Mesa Unit #2	SENW Sec 16, T32N, R101W		9,045	11.668
	Middle Baxter Basin	Wyoming	Dakota Frontier	Hetzler #2	SESE Sec 6 T 18N, R103W		2,483 1,925	2.715 2.213
	North Baxter Basin	Wyoming	Morrison Frontier	Union Pacific #3	SENW Sec 11, T19N, RI04W	11.5	3,082 2,354	3,587 2,444
		otalijo ≇Norte objektion	Nugget Dakota			200	3,998 2,968	4,722 3,082

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	**							Productive Ga	S Keservou
	Field Name	4	State		Formation	Marker Well	Marker Well Location	interval Top	laterval Base
	Shute Creek Unit		Wyoming		2nd Frontier	Shute Creek Unit #8	NESW Sec 7. TZZN, R112W	10,710	10.917
	South Baxter Basin Unit		Wyoming	J	Dakota Frontier	South Baxter Unit #15	SESE Sec 16, T16N; R104W	2,497 2,000	2,756 2,146
	Spearhead Ranch (Fox)		Wyoming		Injan Kara Ist Bench	Spearhead Ranch #3	SENW Sec 14, T39N, R75W	14,025 12,750	14,120 12,795
	4	W.		***	1st Frontier		4	**	
	Tieracy	44.5	Wyoming		Allen Ridge	Tierney Unit #2	NWNE Sec 15. T19N, R94W	10,980	11,200
					(Mesaverde) Almond		e te markin	9,455	9,990
	Trail Unit		Wyoming		Erickson- Trail Zone	Trail Unit #2	NWSW Sec 10, T13N, R100W	6,550	7,125
				.d.,	Erickson- Canyon Creek Zone Almond Almond			5,600 4,935 5,260	5,940 4,960 5,300
₩	Wamsutter		Wyoming		Lewis	West Warnsutter #136	NWSE Sec 36, T21N, R96W	8,295	8,334
٠.,	Whiskey Buttes Unit		Wyoming		2nd Frontier	. Whiskey Buttes Unit #1	NWSW Sec 24, T22N, R111W	10,920	11.151
	Wild Cow (Deep Creek)		Wyoming	, 4, 2 °s	Doep Creek	Ashland Federal #13,22	SWSW Sec 22, T16N, R91W	2.556	2,775

Prior Company Wells

SCHEDULE 3(b) "Wexpro Case" Agreement PRIOR COMPANY WELLS

	PRIOR		PRIOR
	COMPANY	Į.	COMPANY
FIELD NAME	WELL	FIELD NAME	WELL
		1	
Ace Unit	Ace Unit #1	Dragon Trail Unit	Dragon Trail #11
[Colorado]	Ace Unit #2	[Colorado]	Dragon Trail #12
(00)01440)	Ace Unit #3	, , , , , , , , , , , , , , , , , , , ,	Dragon Trail #13
	Ace Unit #7	1	Dragon Trail #14
		1	Uragon Trail #11 Dragon Trail #12 Dragon Trail #13 Dragon Trail #15 Dragon Trail #15 Dragon Trail #16 Dragon Trail #17 Dragon Trail #18 Dragon Trail #19 Dragon Trail #19
n. 44 m	Big Horse Draw #1	1	Dragon Trail #16
Big Horse Draw (Cathedral-Brushy	Big Horse Draw #28-1		Dragon 1 fall #1/
Point)	Big Horse Draw #35-1	}	Descen Trail #10
[Colorado]	Big Horse Draw #2-1	1 .	Desgon Trail #20
, odior adar	Big Horse Draw #3-1	1	Dragon Trail #20 Dragon Trail #21
	Big Horse Draw #5-34	}	Dragon Trail #22
	Big Horse Draw #33-2 Big Horse Draw #26-2	1 .	Dragon Trail #23
		ì	Dragon Trail #24
	Big Horse Draw #23-2 Big Horse Draw	i	Dragon Trail #24 Dragon Trail #25
	Cathedral	1	Dragon Trail #26
	N362101S		Dragon Trail #27
	Big Horse Draw #28-3	1	Dragon I rail #20
	Big Horse Draw #29-1	1	Dragon I rail #29
	Big Horse Draw #28-2 Big Horse Draw #26-1	t	Dragon Trail #31
	Big Horse Draw #26-1	1	Dragon Trail #32
	Mikulich-Mtn. Fuel #26-1.7	Y .	Dragon Trail #33
	Pie Uses Danie		Dragon Trail #25 Dragon Trail #26 Dragon Trail #27 Dragon Trail #28 Dragon Trail #29 Dragon Trail #30 Dragon Trail #31 Dragon Trail #31 Dragon Trail #32 Dragon Trail #33 Dragon Trail #33
.9	Big Horse Draw Cathedral	l Artist	
	J362101S	1	
	••	East Hiawatha	W. W. Wilson A #1
		(Colorado & Wyoming)	W W Wilson C #3
Bull Basin - Plateau -	Bull Basin 1-35	. 470H(uk)	W. W. Wilson A #I W. W. Wilson A #2 W. W. Wilson C #3 W. W. Wilson B #4
Highmore		i	Hiawatha Unit #3
[Colorado]		1	Hiawatha Unit #4
		į.	Hiawatha Unit #5
Cross Carryon	Cross Canyon Unit #1	ì	Hiawatha Unit #6 M. W. Newberger A #1
[Colorado]		<u> </u>	M. W. Newberger D #2
• • • •		i	M. W. Newberger A #3
		1 .	M. W. Newberger B #4
Dragon Trail Unit	Dragon Trail Unit #47	l	M, W. Newberger C #5
[Colorado]	Dragon Trail Unit #49	1	M. W. Newberger A #6
	Dragon Trail Unit #50 Dragon Trail Unit #51	1	Amelia Horrocks #2
	Dragon Trail Unit #52	f	East Hiawatha Well 1-17
	Dragon Trail Unit #53	1 .	Florence Wilson A #2
	Dragon Trail Unit #54	1	Florence Wilson B #3
	Dragon Trail Unit #55	i	Florence Wilson B #6
•	Dragon Trail Unit #57)	Florence Wilson A #9
	Dragon Trail Unit #35 Dragon Trail Unit #36	Į.	Florence Wilson B #10
	Dragon Trail Unit #37	· f	Florence Wilson B #16
	Dragon Trail Unit #38	1	Florence Wilson A #22 Florence Wilson B #23
	Dragon Trail Unit #39		Florence Wilson B #24
	Dragon Trail Unit #40	ł	Florence Wilson B #25
	Dragon Trail Unit #41	1	Hiawatha Unit #1
	Dragon Trail Unit #42	1	Hiawatha Utilt #2
	Dragon Trail Unit #43 Dragon Trail Unit #44	1 .	State Land Tract 37 #2
	Denoise Teell Heil #45	1	State Land Tract 37 #4
	Dragon Trail Unit #46	1	State Land Tract 37 #5
	Dragon Traff #1	1	K. S. Whitford #1
	Dragon Trail #2	ł	
	Dragon Trail #3	Egnar Unit	Egnar Unit #1
	Dragon Trail #4	[Colorado]	
	Dragon Trail #5	1 '= '	
	Dragon Trail #6 Dragon Trail #7	1	
	Dragon Trail #6	Hiawatha Deep Unit	Hiawatha Deep Unit #1
	Dragon Trail #9	[Colorado]	
	Dragon Trail #10	1	

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FIELD NAME	PRIOR COMPANY WELL	ule 3(b) Field name	PRIOR COMPANY WELL
Horseshoe Canyon Unit (Colorado)	Horaeshoe Canyon Unit #2 Horseshoe Canyon Unit #3 Horseshoe Canyon Unit #1:28 Horseshoe Canyon Unit #1:31	Powder Wash [Colorado]	Carl Allen B #10 Carl Allen B #15 Carl Allen B #15 Carl Allen B #17 Carl Allen B #18 Carl Allen B #18 Carl Allen A #19 Carl Allen A #20 Carl Allen A #20 Carl Allen B #12 Carl Allen B #12 Carl Allen B #48 B W Muse A #4
Jacks Draw Unit (Colorado)	Jacks Draw Unit #2 Jacks Draw Unit #3 Jacks Draw Unit #5 Jacks Draw Unit #8 Jacks Draw Unit #8 Jacks Draw Unit #13 Jacks Draw Unit #13		B. W. Musser A #2 B. W. Musser A #4 B. W. Musser B #5 B. W. Musser B #6
Lower Horse Draw Unit (Lower Horse Draw Area) (Colorado)	Lower Horse Draw Unit #11 Lower Horse Draw Unit #12 Lower Horse Draw Unit #14 Lower Horse Draw Unit #15 Lower Horse Draw Unit #15 Lower Horse Draw Unit #16 Lower Horse Draw Unit #18 Lower Horse Draw Unit #19 Lower Horse Draw Unit #20 Lower Horse Draw Unit #20 Lower Horse Draw Unit #22 Lower Horse Draw Unit #23 Lower Horse Draw Unit #24 Lower Horse Draw Unit #24 Lower Horse Draw Unit #25 Lower Horse Draw Unit #26 Lower Horse Draw Unit #27 Lower Horse Draw Unit #28 Lower Horse Draw #11-1 Lower Horse Draw #11-1 Lower Horse Draw #11-1 Lower Horse Draw #11-2 Lower Horse Draw #11-1 Lower Horse Draw #11-1 Lower Horse Draw #11-2 Lower Horse Draw #11-1 Lower Horse Draw Unit #15-1 Lower	Rabbit Mountain (Colorado) Sugar Loaf-Talamantes (Colorado) West Douglas Creek (Colorado)	B. W. Musser B #10 B. W. Musser B #11 B. W. Musser B #13 B. W. Musser B #13 B. W. Musser B #15 B. W. Musser B #16 B. W. Musser B #18 B. W. Musser B #18 B. W. Musser B #19 I. C. Donnell B #3 I. C. Donnell B #10 I. C. Donnell B #11 I. C. Donnell B #11 I. C. Donnell B #12 I. C. Donnell B #10 I.
Powder Wash [Colorado]	Lower Horse Draw Unit #27-8 Carl Allen B #3 Carl Allen B #6 Carl Allen B #7 Carl Allen A #8		West Douglas Creek Unit #17-2 West Douglas Creek Unit #18-3 West Douglas Creek Unit #31-4

	SCHED	U LE 3(b)	
FIELD NAME	PRIOR COMPANY WELL	DIDI D.MAND	PRIOR COMPANY
	1	FIELD NAME	WELL
West Douglas Creek [Colorado]	West Douglas Creek Unit #32:5 West Douglas Creek Unit #18-7 West Douglas Creek Unit #30-6	Birch Creek Unit [Wyoming]	WELL Birch Creek Unit #81 Birch Creek Unit #87 Birch Creek Unit #88 Birch Creek Unit #88 Birch Creek Unit #89 Birch Creek Unit #89 Birch Creek Unit #90 Birch Creek Unit #91 Birch Creek Unit #31 Birch Creek Unit #1 Birch Creek Unit #1 Birch Creek Unit #3 Birch Creek Unit #3 Birch Creek Unit #3 Birch Creek Unit #3 Birch Creek Unit #5 Birch Creek Unit #6 Birch Creek Unit #7 Birch Creek Unit #7 Birch Creek Unit #8
West Hiswatha Colorado	W. B. Lasher A #2 W. B. Lasher A #4 W. B. Lasher A #5 W. M. Wheeler A #2 W. M. Wheeler A #3		Birch Creek Unit #30 Birch Creek Unit #31 Birch Creek Unit #92 Birch Creek Unit #1 Birch Creek Unit #2 Birch Creek Unit #3
Ledger (Whiskey Trail) [Montana]	Nierenberg #26-3 Fee	i.	Birch Creek Unit #5 Birch Creek Unit #6
Milk River [Montana]	Oil Resources #19-4 Xeno Battle #10-21		Birch Creek Unit #8 Birch Creek Unit #12 Birch Creek Unit #14 Birch Creek Unit #14
Sunburst (Montana)	Kiehlbauch #2		Birch Creek Unit #14 Birch Creek Unit #15 Birch Creek Unit #16
Jiggs Unit [Nevada]	Jiggs #10-1		Birch Creek Unit #16 Birch Creek Unit #17 Birch Creek Unit #25 Birch Creek Unit #93
Fruitland [New Mexico]	Fruitland #1 Stevens #1 Greg #1 Mucho Deal #1E		Birch Creek Unit #93 Birch Creek Unit #94 Birch Creek Unit #94 Birch Creek Unit #95 Birch Creek Unit #96 Birch Creek Unit #97 Birch Creek Unit #98
Tracy Dome (Carlsbad) [New Mexico]	State Q Com, #1 North Carlebad Com, #2		Birch Creek Unit #97 Birch Creek Unit #98 Birch Creek Unit #99
Clay Basin Unit	Rifle Federal #2 Clay Basin Unit #1		Birch Creek Unit #99 Birch Creek Unit #100 Birch Creek Unit #101 Birch Creek Unit #102
(Utah)	Clay Basin Unit #1 Clay Basin Unit #7 Clay Basin Unit #8 Clay Basin Unit #9	Black Butte Creek (Wyoming)	Black Butte Creek Unit #44-25
	Clay Basin; Unit #12 Clay Basin; Unit #13 Clay Basin; Unit #14 Clay Basin; Unit #15 Clay Basin; Unit #16 Clay Basin; Unit #17 Clay Basin; Unit #17 Clay Basin; Unit #18 Clay Basin; Unit #18	Brady Unit (South) (Wyoming) Bruff Unit-Moxa Arch (Wyoming)	Brady Unit Well #7D Brady Unit Well #6D Brady Unit Well #19 Brady Unit Well #29B Brady Unit Well #29B Brady Unit Well #28B Bruff Phillips 1-A Bruff Unit #2 Bruff Unit #3 Bruff Unit #3 Bruff Unit #4 Bruff Unit #6 Bruff Unit #8 Bruff Unit #10 Bruff St. Ld, #36-1
	Clay Basin Unit #20 Clay Basin Unit #22 Clay Basin Unit #23		Bruff Unit #3 Bruff Unit #4 Bauff Unit #4
Island Unit [Utah]	Island Unit #3 Island Unit #9	. :	Bruff Unit #6 Bruff Unit #7
Piute Knoll (Utah) #1	Carter Leverton State Piute Knoll #1		Bruff Unit #8 Bruff Unit #9
Ute Trail Unit [Utah]	Ute Trail Unit Well 1 Ute Trail Unit Well 7 Ute Trail Unit Well 11 Ute Trail Unit Well 13		Bruff St. Ld. #36-1 Clifton Fed. #28-1 Bruff Lansdale Fed. #4-1
	52 Ute Trail Unit Well		Bruff Lansdale Ped.
	Hrat/Tealt Blais Most		Bruff MPS Fee #10-1 Bruff Lanadale Fed, #28-1
	88 Ute Trail Unit Well 3 Ute Trail Unit Well 10 Ute Trail Unit Well 12		Bruff Champlin 149 Amoco B Bruff Champlin 149
Birch Creek Unit	ore trantmint wen to	•	Amoco C Bruff Champlin 149 Amoco D
. (Wyoming)	Birch Creek Unit #26 Birch Creek Unit #43 Birch Creek Unit #56 Birch Creek Unit #61 Birch Creek Unit #64 Birch Creek Unit #78		Amoco D Bruff URC Lawler Fed. #130 Bruff Govt, Donely NCT-1 Well #1 Bruff Pando Fed. #32-1 Bruff Govt. Donley NCT-2 Well #1
			Bruff McNamara NCT-1 1 Well #1

		ULE 3(b)	
PIELD NAME	PRIOR COMPANY WELL	FIELD NAME	PRIOR COMPANY WELL
Bruff Unit-Moxa Arch (Wyoming)	Clifton Rederal #34-1 Hagood Federal Well #12-1	Canyon Creek Dome Unit [Wyoming]	Canyon Creek Dome Unit #31
7 · 4 · · . · ·	Haley Federal #4-1 Green River Fee #1 Texado #1 State NCT-1	Church Buttes Unit [Wyoming]	Church Buttes Unit #1 Church Buttes Unit #2 Church Buttes Unit #3
- 14 - 14 - 14	Texaco #1 State NCT-2 Berkley Federal #1) 	Church Buttes Unit #4 Church Buttes Unit #7 Church Buttes Unit #8 Church Buttes Unit #9
Butcher Knife Spring Unit (Wyoming)	Butcher Knife Spring Unit #1 Butcher Knife Spring	in a second seco	#10 Church Buttes Unit
	Unit #2 Butcher Knife Spring Unit #4	in and the second secon	Church Buttes Unit #13 Church Buttes Unit
* . **	Butcher Knife Spring Unit #5 Butcher Knife Spring Unit #6	***,	#16 Church Buttes Unit #19
Canyon Creek Area Wyoming	Canyon Creek Federal		Church Buttes Unit #20 Church Buttes Unit
Canyon Creek Dome Unit [Wyoming]	Canyon Creek Dome Unit #3 Ganyon Creek Dome	igen State tien Gegen George Book State (1997)	M21 Church Buttes Unit M22 Church Buttes Unit
· · · · · · · · · · · · · · · · · · ·	Unit #4 Canyon Creek Dome Unit #5		#25 Church Buttes Unit #26
	Canyon Creek Dome Unit #6 Canyon Creek Dome Unit #7		Church Buttes Unit #28 Church Buttes Unit #29
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Canyon Creek Dome Unit #8 Canyon Creek Dome Unit #9	Creston Area	Church Buttes Unit
	Canyon Creek Dome Unit #10	(Standard Draw) (Wyoming)	MFS Federal #22-1
719.4 1.0	Canyon Creek Dome Unit #12	Dry Piney Unit (Wyoming)	Dry Piney Unit #1 Dry Piney Unit #3 Dry Piney Unit #4
	Canyon Creek Dome Unit #13 Canyon Creek Dome Unit #14		Dry Piney Unit #4 Dry Piney Unit #6 Dry Piney Unit #8 Dry Piney Unit #8 Dry Piney Unit #9 Dry Piney Unit #10 Dry Piney Unit #11 Dry Piney Unit #13 Dry Piney Unit #13 Dry Piney Unit #14 Dry Piney Unit #14 Dry Piney Unit #14
	Canyon Creek Dome Unit #15 Canyon Creek Dome Unit #16		Dry Piney Unit #13 Dry Piney Unit #13 Dry Piney Unit #14 Dry Piney Unit #22
	Canyon Creek Dome Unit #17 Canyon Creek Dome		Dry-Piney Unit #23 Dry-Piney Unit #27 Dry-Piney Unit #27 Dry-Piney Unit #26
	Unit #18 Canyon Creek Dome Unit #19 Canyon Creek Dome	Emigrant Springs [Wyoming] Farson Cut Off	Harrington Federal #1 Farson Cut Off #1
•	Canyon Creek Dome Unit #23	(Gravel Area) [Wyoming] Five Mile Gulch Unit	
	Unit #24 Canyon Creek Dome Half #28	(Wyoming) Fogarty Creek [Wyoming]	Five Mite Gulch Unit #3 Fogasty Creek Federal #1-32
	Canyon Creek Dome Unit #26 Canyon Creek Dome	Granger [Wyoming]	#1-32 Granger #1 Granger #2
. •	Canyon Creek Dome	Jackknife Spring Unit [Wyoming]	Jackknife Spring Unit
	Canyon Creek Dome Unit #29 Canyon Creek Dome Unit #30	Johnson Ridge [Wyoming]	Jackknife Spring Unit #2 Johnson Ridge #1 Johnson Ridge #2
			Johnson Ridge #4

SCHEDULE 3(b)

FIELD NAME	PRIOR COMPANY WELL
Kinney Unit (Pioneer) (Wyoming)	Kinney Unit #1 Pioneer Unit #3 Pioneer Unit #4 Pioneer Unit #7 Kinney Unit #2 Kinney Unit #4 Kinney Unit #8 Pioneer Unit #8
Leucite Hills Unit [Wyoming]	Leucite Hills Unit #1 Leucite Hills Unit #2
The Mesa Unit (Pinedale) [Wyoming]	The Mesa Unit #1 The Mesa Unit #2 Pinedale Unit #8
Middle Baxter Basin [Wyoming]	E. S. Lauzer A #1 E. S. Lauzer B #2 C. R. Hetzler #2
North Baxter [Wyoming]	Cameron U.P. 11-19-
	104 #1 Cameron U.P. 11-19- 104:#3. G. W., Cappers B #3 U. Pac. 11-19-104 #1 U. Pac. 11-19-104 #2 U. Pac. 11-19-104 #2 U. Pac. 11-19-104 #2 U. Pac. 12-20-104:#1 U. Pac. 23-20-104:#1 U. Pac. 23-20-104:#1 U. Pac. 23-20-104:#1 O. F., Featherstone #1 O. F., Featherstone #2 Lemann Govt. #2 Teresa Laurunen #1 Federal #14-1 MFS Champlin #11-8 MFS Champlin #11-8 MFS Federal #14-2
Shute Creek Unit [Wyoming]	Shute Greek Unit #1 Shute Creek Unit #2 Shute Creek Unit #3 Shute Creek Unit #4 Shute Creek Unit #5 Shute Creek Unit #6
South Baxter Basin Unit [Wyoming]	South Baxter Unit #1 South Baxter Unit #5 South Baxter Unit #6 South Baxter Unit #6 South Baxter Unit #8 South Baxter Unit #8 South Baxter Unit #12 South Baxter Unit #11 South Baxter Unit #12 South Baxter Unit #15 Union Pacific 11-16- 104 #1 Union Pacific 11-16- 104 #2 Union Pacific 21-16- 104 #2 Union Pacific 21-17- 104 #1 Union Pacific 21-17- 104 #1 State Land 16-16-104 #1 State Land 16-16-104 #1 State Land 36-18-104 #2 A. Cooper Well #1 loceph H. Brooks #1 W. E. Mullen A #2 W. T. Nightingale A #1

PRIOR COMPANY WELL FIELD NAME South Baxter Basin Unit [Wyoming] A. J. Poston A #2 A. J. Poston A #3 P. Sullivan A #1 Spearhead Ranch #3 Fox Federal #1-5 Fox Federal #1-8 Southland Royalty #1-31 Spearhead Ranch (Fox)
[Wyoming] Tierney Unit [Wyoming] Tierney Unit #1 Tierney Unit #2 Trail Unit #2 Trail Unit #3 Trail Unit #4 Trail Unit #6 Trail Unit #8 Trail Unit (Wyoming) Wamsutter [Wyoming] West Wamsutter #1-36 Whiskey Buttes Unit [Wyoming] Whiskey Buttes Unit #1 Whiskey Buttes Unit #3 Wild Cow (Deep Creek) (Cherokee Creek) [Wyoming] Ashland Pederal #13-22

Account 101 Leaseholds

SCHEDULE 4(a) "Wexpro Case" Agreement ACCOUNT 101 LEASEHOLDS

STATE	AREA	MFSCO COMPANY LEASE NO.	STATE	AREA	MFSCO COMPANY LEASE NO.
COLORADO	BIG HORSE DRAW	89 26C1 89 1 118 144A 144A1 148A 148A1 518 519 X	COLORADO	JACKS DRAW	89A1 123A1 144 148 1 306 313 313A 313C 313C 313D 313E 313E 313F 313G
	· · · · · · · · · · · · · · · · · · ·	518 1317 1318 1805 1982		LOWER HORSE DRAW	557 116 348 899 1315
	BLUE GRAVEL	66 M			116 1 347
	BRUSHY POINT	689		•	348 I
	BULL BASIN	1069 1137 1333 86 M 1072	Alexander (MISSOURI CREEK	750 1316 424
	DILL GULCH	738		POWDER WASH	987
	DRAGON TRAIL	112			26A 26C
	EAST HIAWATHA	481 X 2 M 13 M 14 M 15 M 16 DM 1A 1F 11 25 1			29 30A 31A 31B 33A 33B 33B1 66 66 1 67 57 1 996
	EAST HIAWATHA	25 2 48		RABBIT	898
	EGNAR.	276		MOUNTAIN	10604 1
	HIAWATHA DEEP	21M 131M 141M 151M 164M 1AX 1FX		ROSS RIDGE SUGAR LOAF	1058A 1 59 65 68A 73A 88
		11 X 1		TALAMANTES CREEK	68 68B
	HIGHMORE JACKS DRAW	26X1 25X2 48 X 1068 72 89A		WEST DOUGLAS CREEK	112A 112B 114 114 X 11A 116B
		123A 148			116C 28 M
		26B 30B 72 1 72C	-	WEST HIAWATHA	4A 4AX

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STATE	AREA	MFSCO COMPANY LEASE NO.	STATE	AREA	MFSCO COMPANY LEASE NO.
COLORADO	WEST HIAWATHA	5A	UTAH	BRADY	2983.1
		5AX 517			3095 3095 X
	1 · 1	517 X 3AM	ļ		3095 1
	4 4 5	6AM	ł		4450 1 4450 X
	•	6BM 6CM	[:	BUTCHER KNIFE SPRING	2849 [
		7 M 17 M	ł	SPRING	2867 1 2869 I
	WHITE RIVER	79 M 554 1	. 14 25.2	es file	2870 1 2874B1
UTAH	BUG .	554 1 10978	7570	x 1 + 1 +	2876.1 2878.1
	20g.	11147			2880A1
		11286A 11368		BUTCHER KNIFE	2882 A 1 2970 1
	CANYON POINT	11201 A	ŀ	1 -	3210 3211 1
	CEDAR RIM	108 M)	. *	3216 1
	CLAY BASIN	1088	ŀ	BRUFF (Lincoln)	-6- 3028
		EM 2 M	<u>}</u>	DAUFF (CINCOIII)	3107
		IA. IB			3107Å 3107B
	468	3A 3B	ļ.		3107 C 3107 D
		1088 X	1		3107E 3107F
	5.	1145 1 1145 2 1151	ŀ	47-1	3107G 3748.1
		1176A			3748X1
		1176B 1179	} .	or the real	3749 3749 1
	ISLAND	27AM		Y 47 Y	3042 3061 X 3187 X
		28AM 30 M			4503:X
		31AM 36AM	 		3748XX
		3453 3586A	Ę.	BRUFF (Sweetwater)	3047 3736
		3588A 3589	Ē.	anti-	3748 3749
		3590C			3040 3109
		3603 C 3604 A	ľ	5.4	3187
		SOCO A	į.	2 30	3736A 3737
		6947 6950	:	BRUFF (Uinta)	3661 3035
	PIUTE KNOLL	6951. 9882	ľ	and I (onita)	3038
	RIVER BEND	9904 103 M	 :		3041 3047 X
	1111	104 M	l		3080 3061
		27.1M 28.M	[CANYON CREEK	2930
		75AM 97°1M	l,	CANYON CREEK	774
•		98 M 36 IM	:	DOME	774:1 775
	i, r	31.1M 34.1M			775 1 776
WYOMING	BIRCH CREEK	434	į.		777 778
		434 A 447	 		778 J.
4 %	1000	453 465	1.00		779 1 780
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	BRADY	683 1 683 A]-		780 Î 781
		7041			781 1 782
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			ULE 4(a)		
STATE	AREA	MFSCO COMPANY LEASE NO.	STATE	AREA	MFSCO COMPANY LEASE NO.
WYOMING	CANYON CREEK	782 1	WYOMING	FIVE MILE GULCH	2623 1
	DOME	783 783 1 784		FOGARTY CREEK	850
		784 9 66]		850 1 851
		966 1 999		4.	2376 2376 I
		999A		FOX	
		1003 1003 X		. 07.	2675.A 3087.A
	CHIMNEY BUTTE	50 M	ľ		3168 3081
	DEEP	409		GALE	3599 1
	CHURCH BUTTES	308 309		GRANGER	3033
		311 315		COBEL DE IN-	, 3034
	4	316	Į	GREEN RIVER BEND	49 M 1091 A
	CHURCH BUTTES	317		HENRY	3208
	(Sweetwater)	319 320		HIAWATHA DEEP	11M
•		322 325			13M 121M
		326 338			122M
	CHURCH BUTTES	300 V	1		128X
	(Uinta)	309 X 311 X			12CX 12DX
		313			25AX 25BX
		314 316 X	!		25CX 482AX
1		316 X 317 X 318	ŀ	HIGHLAND	3400
		319 X 320 X		KINNEY	294C1
	e austria	321	i i		294D 297B1
		322 X 323	£ .		297D 297D1
		324 326 X			297E
		329	l i		297E1 945 I
	CRESTON	3339	<u>.</u>		945A1 945BI
	DRY PINEY	850A 887 X 850A1	Ϊ.	•	945B2 946
* .	•	850A1 851A			946B
		851A1	Ì-		946B1 946B2
	EAST HIAWATHA	887 1 1AM			946B3 946C1
	-1101 111111111111111111111111111111111	1CM	14		947A1 947A3
15		12 M 12XM	11	* *	947B
		64 M 12A			947D 947D1
		128: 12C	٠		947 <u>E1</u> 947 <u>E2</u>
		12D			947E3 947F1
		25A 25B		and the second	947F2 2931
	14 m	25C 482A	k .	4.5	3156
• .	EMIGRANT	3913A	4.5	ŧ.,	3156 1 3202
	SPRINGS FARSON CUTOFF	1 34		Johnson Ridge	2741
e.	(Lincoln)	3373 X		. **	2741 2978 3252
100	FARSON CUTOFF	3373		IACVVIIED	3252 X
1.4400	(Sweetwater)			JACKKNIFE SPRING	683 1' 683A1
					704
			I		

SCHEDULE 4(a)

WYOMING SOUTH BAXTER 17 M 20	STATE	AREA LEUCITÉ HILLS	MFSCO COMPANY LEASE NO. 2304	STATE	AREA	MFSCO COMPANY LEASE NO.
MADDEN 65 M MESA, THE 1887 1 (Pinedale) 1883 1 1891 1 1891 1 1891 1 1894 1 MIDDLE BAXTER 232A 238A 567A 67B 228 787A 66B 66 M 50M 50M 77A 66B 67B 67B 67B 67B 67B 67B 67B 67B 67B	1		2304A 2330 2330A	WYOMING	SOUTH BAXTER	20 M 21 M
CFinedate 1887 178					•	27XM
233B		MESA, THE (Pinedale)	1888 1 1889 1 1891 1			17A 17B 18A 18B 24
18 M SOUTH BAXTER 71 72 72 72 72 72 72 72		MIDDLE BAXTER	238A 238B 262			39A 67A 67B 68A
(Lincoln)		МОХУ УВСИ	18 M 66 M 80 M		SOUTH BAXTER	71
MOXA ARCH (Sweetwater) 3768		(Lincoln)	4461 4461B 4461C 4461C 4461C 4461F 4461F 4461G 4461H 4461I			92BX 92DX 100A 100C 213 238BX 334 336A 336B 336D
MOXA ARCH (Uinta) 4480 4480 4480 4487 NORTH BAXTER 48A 49A 49B 1062 X 11116 2663 2756 2757 14-M 15 M 15		MOXA ARCH (Sweetwater)	3060 3768	i.	SPEARHEAD	
NORTH BAXTER 48A 49A 30 M 30		MOXA ARCH (Uinta)	4460 4480	1 1	WYOMING	4038
1062 X 118KNEY 119 M 123 M 124 M 1		NORTH BAXTER	48A 49A 49B		TABLE ROCK	au m
## 1255 14-M 118 15-M			1062 X 1116 2663			
15 M 16 9B 16 9B 16 9B 16 9B 16 9B 16 9B 16 B 1		1 4 .74	2757			789 ⁴ 57 M
NORTH LABARGE 26 M 489 1 489 A	-	Terre N.C.	15XM	a ·	**************************************	418 459
SADDLE RIDGE 25MM 447AX WILD COW 3537 SCHEGGS DRAW 3186 BUTTES 3904 X SHUTE CREEK 3369 1 WAMSUTTER 2569 SIBERIA RIDGE 3600 MONTANA CURTER 475 SIXMILE SPRING 3844 SOUTH BAXTER 92B 4AM 4AM 4AM 6M 5AM 6M 6M 6M 10 M 12 M 13 M 12 M 13 M			447A			489 A 1369
SCHEGGS DRAW 3186 BUTTES 3904 X				74	WILD COW	7, 44.5
SHUTE CREEK 3369 1 SIBERIA RIDGE 3600 SIXMILE SPRING 3844 SOUTH-BAXTER 92B 92D 16 M SOUTH-BAXTER 92B 16 M 16 M 10 M 12 M 13 M		SCHECCE DRAW	***		WHISKEY	3904
SIBERIA RIDGE 3600 MONTANA CURTWRIGHT 475			1,777			
SQUTH-BAXTER 92B 92D 4AM 4AM 5AM 5AM 6 M 10 M 12 M 13 M 13 M		SIBERIA RIDGE	3600	MONTANA	CURTWRIGHT	
.92D. .16 M SAM. 6 M. 10 M 12 M 13 M			92B	4, 5, 5, 1	DUNKIRK NORTH	4 M.
6 M 10 M 12 M 13 M			92D 16 M	Althoras .	4. 1	5 M.
	:	1 袋 1 × 1		٠.	What is	6 M 10 M 12 M 13 M

SCHEDULE 4(a)

STATE	AREA	MFSCO COMPANY LEASE NO.
MONTANA	DUNKIRK NORTH	13BM 14 M 15 M 15 AM 16 M 16AM 16BM 16CM 16DM 17 M
	HEALEY COULEE	394
	KEVIN-SUNBURST NW	349
	LEDGER	78
	MILK RIVER (Blaine)	129 128 193
vew .	MILK RIVER (Hill)	275 245 505 174 2 M
MEXICO	BARKER CREEK SW	310
•	BISTI	68 70
	ESCRITO	69
	FRUITLAND	155 469 514 519 511 512 513 515
		518
	LINDRITH 010	223
		261
	SNAKE EYES SQUYRES	340
	UTE DOME	149
* *	O IE DOME	265

Account 105 Leaseholds

SCHEDULE 4 (b) "WEXPRO CASE" AGREEMENT ACCOUNT 105 LEASEHOLDS

STATE	AREA	MFSCO COMPANY LEASE NO.	STATE	AREA	MFSGO COMPANY LEASE NO.
COLORADO	BARREL SPRINGS	1782	ļ	BULL BASIN	1166HX
	BEAR SPRING	1700	•		1166IX 1166IX
	BELL ROCK	999			1166KX
		1005			1166LX
		1006 1007	COLORADO	BULL BASIN	1333A
		1508			1490X 1490AX
		1508A 1508B			1490BX
		1508C			1490CX 1490DX
	BIG HORSE DRAW	1804			1490EX
	BIG SANDY CREEK	1858			1490FX
		1859 1860			1490GX 1490HX
-		1861			1490IX
		1862		•	1490JX 1890
		1863 1864			1909
		1886			1031 1045
	BOYERO	1759			1045A
	and the second second	1760 1761	COLORADO	BULL CANYON	88M
		1762			922A
		1763 1764	i		916A 979C
		1765			910B
		1766		CAMPO	1592
		1767 1768	'		1592A 1592B
		1769			1592C
	•	1770 1771		•	1592D 1592E
:		1772			1615
		1773 1774		•	1825 1826
	4	1775	·		1826A
		1776			1827
		1777 1778			1827A
		1779			1827B 1828
	BRIDGE	1696			1829
	BUG	1341			1914 1915
		1816 1339		10 mg	1916
	BULL BASIN	1045B			1917 1918
		1047			1919
		1048 .1166 X			1920
		1166AX			1921 1925
		1166BX	•	•	1929
		1166CX 1166DX			1929A 1929B
	-	1166EX			1929C
		1166FX 1166GX			1929D
		******			1929E

SCHI	EDUL	E 4(b)

MFSCO MFSCO						
STATE	AREA	COMPANY LEASE NO.	STATE	AREA	COMPANY LEASE NO.	
COLORADO	CAMPO	1929F		O DOE CANYON	• •	
		1930 1933			1741A 1741B 1742 X	
<i>-</i>		1934 1938			1742AX 1742B	
77		1939 1946			1742C 1742D	
		1947 1951			1742E	
	CHEROKEE TRAIL	1167			17426	
1.12		1314 1519	14 Table 1		1743 X 1743BX	
	CIMMARON RIVER	1698			1743C 1743DX	
	COLLOW	1324 1325 1335	1.0		1744 1745	
	77	1335			1745A 1747	
	COW CANYON	1343 979			1747A 1747B	
		.1819 X			1750 X 1754 X	
		84AM 863A	1		1755 1755A	
		979B 1198	1		1755B	
•	•	1198A 1230A 1231A			-1732 1732A	
		1231AX	# .		1732B 1732C	
*		1232 A 1243			1733 1733A	
		1246A 1246AX	. A ²		1734 1734A	
		1247A 1256	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		1734B 1735	
1.14		1259 1295			1735A 1736	
		1296 1304A	5.4 .		1738 1740	
		1331 1331C	(i i i i i i i i i i i i i i i i i i i		1742	
		1397			1743	
d.		1398A 1398B	and a		17438	
		1398C 1398D	2411		1743D 1743E	
*		1398E 1398F			1746 1746A	
11.		1398G 1399			1746B 1748	
		1404 1484			1749 1750	
1144		1509 1521			1751 1754	
*		1521 X 1704	l ir	·	1754A 1754B	
•		1819	-		1754C 1754D	
	DEBEQUE	956: 1026A			1756	
	DECEPTION	41		DOME CREEK	1756A 1885	
	CREEK	993 1002		DOVE CREEK	1201	
11.	DILL GULCH	995			1214 1216	
e .	DOE CANYON	1731		DDV coore	1216A	
		1731 A 1737		DRY CREEK	34 M 35 M	
	15, 1	1737A 1739		DRY FORK	955 1116 X	
		1739A 1739B		* : · · · ·	1116 X 1052A	
1 T V2 T	F No. 7	1739C 1740 X		Eagle Basin	1108	
		1741**			1109 1218	
		11.5	,			

SCHEDU	II E	4/6
O REDI	عساد	410

SCHEDULE 4(b)								
STATE	AREA	MFSCO COMPANY LEASE NO.	STATE	AREA	MFSCO COMPANY LEASE NO.			
COLORADO	EAGLE BASIN	1219 1220 1501 1502	COLORADO	HANCOCK GULCH	1008 1008A 1027			
	EAST HIAWATHA	24D 1699A 8BM 16 M			1037 X 1038 X 1039 X 1043 X 1043 1			
:		16 M 16AM 16BM 16CM 1B 1C			1046 1052 1061 1076X 1114 1114A			
i"		1E 24B 1016 1159 1699			1114B 1114C 1115 1115A 1116			
	BCN4B	1721	1		1008AX 1008A1			
	FLUME GULCH	290 790D 790P			1018 1029 1037 1038			
	· · · · · · · · · · · · · · · · · · ·	790G 790H 790I 790K 790E			1039 1043 1043X1 1070			
		1121 1126 1127 1127			1076 1076 1 1112 1112A 1113			
		1128 1131 1131 A 1131 B		HIAWATHA DEEP	1113A 82M			
		1133 1134 1141 1141 B			16XM 161M 162M 163M			
		1142 1142B 1142C 1142C	. 11		ICX IDX IEX 248X			
		1142E 1142F 1142G 1142H			1016 X 1159 X 1699 X 1721 X			
		11421 1161 1161 A 1161 B		HIGHMORE	955A 970 971 977			
		1161C 1892 1893 1894 1913			1491 1514 1656			
	GARFIELD	1940	·	HORSEHEAD CANYON	87-M -1169 1196B			
	·	941F 941H 941T 1015A 1015B			1196C 1196F 1200 1202			
		1032 1065 1078 1083A			1202A 1212 1212A 1212B			
	DAME TON	1101	i		1212C 1212D			
	Hamilton Creek	1079 1079A 1222	1458 31		1213 1215A 1217A 12178			
		·	* * -		10170			

SCHEDULE	

TATE	AREA	MFSCO COMPANY LEASE NO.		AREA	MESCO COMPANY LEASE NO
POKADO	HORSEHEAD CANYON	1217G	COLORADO	HOVENWEEP CANYON	. *
		1217H 1217I	. ,	CANION	1394G 1394H 1394I 1394I
-11		12171			13941
	· · · · · · ·	1217K			1394K
		1308A 1308C			1394L
41		1308D 1309	1.		1394M 1394N
, i		13007	100		13940
	•	1311	*		1395B
-1		1311 1311A 1311B 1311C	1.		1395C
		1311C 1311D			1411 1411B
		131 E	1		1443
		1311F 1311G	1		1679 1757
		1311H		JACKS DRAW	1319
•		13111		LANDS END	1333 X
		1311KX 1311LX	1.	LAS ANIMAS	1531
		131.1MX			1532 1533
100		1312D			1533 1539
å		13121 1321			1540
		1845 1846			1542 1543
		1846A			1544
: .		1846A 1311K 1311L		•	1546
		131.1M			1551
		957 1017			1553
	1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A	1017 1 1026	ł		1554 · . 1555 ·
					1557
		1042.	1.		1558 1562
		- 1950: 1051	1 :		1569
:		1051A			1573 1578
11		1062			1582
		1041 1042 1050 1051 1051A 1061A1 1062 1148			1583 1584
		1204	1		1585 1585A
		1207			1586
		1207 1208 1209 1210	:		1586A 1587
	San Albania	1210 1211			1587A
e.		1211 1979	1:		1588 1588A
	HOUGOTON	1842 1844	14.1		1589 1598A
	HOMENWEEN	1844	1		1590
. *	CANYON	85 M			1591 1593
	HOVENWEEP CANYON	85 M 85XM 85 3M 1230	1		1594
1		1230	1		1595. 1599
		1231 1236			1599A
		1246	ł		1602
		1247 1253	ŀ		1604
J.		1254			1607
		1255 1275			1609 1610
		1275 X			1613
· · ·	4.4	1275XX 1304		* * * * * * * * * * * * * * * * * * * *	1614 1616
* *		1304 1394 1394B		7.5	1617
		1394C			1618 1619
,,		1394E	0	-	1620 1629

SC.	ΗF	nı	ЛE	415

SCHEDULE 4(b)								
1		MFSCO	21.4		MFSCO			
STATE	AREA	COMPANY LEASE NO.			COMPANY			
	LAS ANIMAS	1630	STATE	AREA	LEASE NO.			
200011120	ano antima	1631 1632	COLORADO	NORTH BULL BASIN	1689			
1.5		1632 1632A	}		1689A 1689B			
		1633	1		1689B 1689C			
- fig		1637]		1689D 1689E			
		1638	j		1689F			
		1674		<u> </u>	1689G			
		1674A 1675		NORTH CRAIG	475B □ 477			
		1676		A SEA	481			
		1685 1690	1	NORTH NIPPLE	1695			
		1691	N ₁		1697 · 1789			
		1337BX 1652			1800 1971			
	•	1653		allina and a second				
		1655	}	NW DIVIDE CREEK	941FX 941HX			
*		1725 1666		•	941IX			
-		1666A	l . :		1014A 1015AX			
		1663			1015A1 1015BY			
		1664 1338			1083 X 1083 AX 1084 1117			
		1536			1083AX 1084			
		1640 1641			1117			
		1642 1643			44 M 92 M			
AL A		1643 X			93 M 93XM			
-		1645 1646	4.5		94AM			
		1647	100	•	94BM 94CM			
		1648 1668			95 M			
	LEFTHAND DRAW	1000			96 M 97 M			
		1057B			98 M 98XM			
*	Tirrin on in	1060B			99M			
	LITTLE BEAR CREEK	1866			99XM 100 M			
•		1867			102AM 103 M			
	LOGAN WASH	1027A 1115X	.50		103XM			
		1115AX 1070B	. 117		104 M 104XM			
					105 M 106 M			
. A.	LONG VALLEY	1887			106 M 106 AM			
13	MOQUI	1683 1883	. 1.		106AM 106B 106C			
		916			108 M			
		922 979A	t 2	1.4	108AM 108BM			
		979D 1205		22.74	109 M			
		863B	٠.	OLD MAN MOUNTAIN	1166			
		910A 916X	44 74		11 66 A			
		948 979A1			1166B 1166C			
	100	1239Å 1757Å	, i		1166D			
		1757A 1819A			II66F			
:	MUD CREEK	1781			1166G 1166H			
	NIBLICK	1143	l .		11661			
		1654			1166K			
	•	1340 1841 1884			1166L 1490			
*	•	1884 82 M			1490A			
,		III	-1		1490B			
		i	1					

			DULE 4(b)		
STATE	AREA.	MFSCO COMPANY LEASE NO.	STATE	AREA	MPSCO COMPANY LEASE NO.
COLORADO	OLD MAN MOUNTAIN	1490C 1490D 1490E	COLORADO	RISLEY CANYON	1263- 1264 1265
		1490F 1490G 1490H		•	1266 1267 1268 1269 1270
	PARADOY RASIN	1490F 1490F			1270 1270 1270A 1271

1388X 1412BX 1413 1429GX 1435 1468 1834 X 1292A 1271A 1276 1276A 1276A 1292 1471 1834 10402A 1050A 1070A 1057A 1060A 2006 2008 2010 ROAN CREEK PICKETWIRE VALLEY

ROSS RIDGE PIUTE KNOLL

RUIN CANYON RUSH CREEK 1865 SAND CANYON DEEP

SAND GULCH

SANDSTONE

SEWEMUP SHELL CREEK

SMOKEY CREEK SPRINGFIELD

STORY GULCH SUGAR LOAF

SCHEDULE 4(b) MESCO

		MFSCO			MFSCO
STATE	AREA	COMPANY LEASE NO.	STATE	ADPA	COMPANY LEASE NO.
COLORADO	SUGAR LOAF	1956C	COLORADO) Woons	1254B
9	*	1956D 1956E	. (-,		1283 1284
		1956F 1956G	147		1285
	TEPEE	1682			1285A 1287
: 1	THOMPSON ARROYO	3.5	24		1287A 1380
	ARROYO	1328 1329	÷"		1384 1386
2.1		1337 X 1337 AX			1388
2.0		1499			1388B 1388C
		1500 1336			1393Å 1393B
		1337 1337A	1.	•	1411X
47.		1503 1662			1411XX 1412
4.347	WAGON TRACK	1002 1008B	73		1412B 1414
•		1008BX	131		1418 1425
1. 100		1026B 1050B 1113 X			1426
		1113 X 1113AX			1428
	WALSH	1807			1429 1429B
	Ē	1807A 1807B			1429C 1439
		1809			1440 1440B
	WEDDING BELL	1179 1106	and the second		1454
		1107 1723	, i		1456 1459
•	WHITE RIVER	554			1460 1474A
		12 M			1479 1810
	WILLOW	1176 1193 A			1813. 1836
	WINTER FLATS	1028			1836A 1836B
2		1030 1044	÷	YAMPA	
5.00		1049			1839 1853 1853
		1053A			1894
		1054 1054 1			1856 1857
		1054A 1054A1	1		1857A 1857B
		1055 1055 A	• •		1857C 1957D
		1056			1957E 1857F
	•	1056 1 1056A	* 1		1868
	. "	1057 1058	1 7	YELLOW JACKET	1367B
	4 y	1059 1059 X			1400 1400B
		1059 I 1059 A			1400C 83 M
		1059A1 1060			84M 85AM
		1063	100		1232
3 1		1071 1075	. 19		1233 X
	WOODS	1377		1.5.5	1235 1235A
- 11 T		1811 1242			1236A 1249
. %	•	1244 1244A		•	1252 1253A
		1245		i Adres je to	1253B
		1252A 1254A		•	1257 1258
1.		14040	* *		1600

POWDER WASH

RABBIT MOUNTAIN

RANGELY RISLEY CANYON

	•		DULE 4(b)								SCHDI	OULE 4(b)		
1125		MFSCO COMPANY			MFSCO				91 ha		MFSCO	JULE 4(D)	•	
STATE	AREA	LEASE NO.	STATE	AREA	COMPANY LEASE NO.				STATE	AREA	COMPANY	1 1 1		MFSCO COMPANY
COLORADO	YELLOW JACKET	1275 A 1331 A	UTAR	BLACK CANYON					UTAH	CANYON POINT	LEASE NO. 11253	STATE	AREA	LEASE NO
4.5	•	1376 1376BX			9872C 9872D 11490						11253 11254A 11255	HATU	COALVILLE	10456
and the		1377 X			12566 9294 9858						11259	100		10456 10457 10835 10926 10975 11512
200		1381. 1383			9858				75.		11260 11367			10926 10975
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	1387 1378B		BRIGHAM CITY	11616				•	CASTLE DALE	9937			11512 11530
275		1378BX 1387C			11636 11637		-	•			9938	1	1.74 . 7	11546
fig.		1387C 1391 B			11638 11639						10230 12053	- A		11548
		1391 C	# # # # # # # # # # # # # # # # # # #	. *	11640					CEDAR CITY	11931			11549 11 55 0
1,000	•	1400 X 1400BX 1400CX	-		11641 11642				•	CENTER CORRE	12068			11551
7.3		14U1·	1		11643 11644					CENTER CREEK	12547 X 12550 X			11551 11552 11570
		1402 A 1402 B	41.4		11645						12554 12562 X		12	11570A 11570B
		1402 CX 1403 A		A Property	11646 11647 11662						12563 X			11570C 11570D
		1403A 1403C		1.5	11863			-			12563AX 12563B			11570E
		1403C 1403D 1405 1410			11663A 11664 13673				· .	71	12707 12714			11570F 11570G
	,	1410			13673				•	*****	12715			11570H 11570I
25		1415 1423 1431		100000	13733 13733 X					CHALK CREEK	4201			115701
		1431 1441			13734 13734						4201 4201 A	İ		11570
10.5		1441 1463 1464 1475 1486 A 1479 A			13733 X 13734 13734 14233 14234 11637A						6156 6156A	1.325		11570N
		1475		10 m 1 m 1 m 1 m	11637A					1 18 4	6156C 6156D			11570O 11570P
4.44		14792	1		11638A 11639A						6156E 6156F	[11570Q 11570R
47.47		1810 X 1811 X			11641A 11642A						11989D			115708
UTÁH	A L COMPA	1812			11643 A					CLAY BASIN	11999 1362 7838	1, 1		11570T 11570U
OIAH	ANETH	13155	1		11644A 11646A				+1*		7838			11570V 11570W
	ANTELOPE MOUNTAIN		1	BUG	11647A						8140A 8594	77		11570X 11570Y
4.3		12424 13000 X 12424 Y		DOG .	11010 11211A				\$ 44	4.4.3	8594 8734 9007	:		11570Z 11570Z1
1.7		12424 X 13000	1		11263A 11269A					1.11	9391 12569			1157022
	ARGYLE	9923 9924 9925 9926 9927 9928 9928			11406B4 12101					COALVILLE		31,413 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		11570Z3 11734
4.4		9925		grania.	12717 X						10427 10428			11734 11735 11750
100		9926 9927	1		13166 13265					4.4	10430	-41		12158
		9928			13574 13575	•					10430A 10431		CLIFF	13182
4	1.5	9930 9931 9932		BRYCE CANYON	12726				•		10432 10433		CO OP CREEK COOPER GULCH	13264
1.0		9932		BRIDGER LAKE DEEP	****						10433A 10433B	1 - Fyz.	COOPER GOLCH	12549
	State of the	11293 11293A	1	BULL CANYON	127 M				.**	and the state of the state of	10429 10430 10430 10430 10431 10432 10433 10433A 10433B 10433C		CON HOLLOW	9933 9933A
1.5		11293B 11293G		DOLL CANTON	9643 9683 9791					# 1 P14141,	10435		COYOTE CREEK	12651
7 - V.		11293D 11293E			9791 9792						10435A 10435B	•	CURRANT CREEK	107 M
5 + 1 + 4	7.5%	11295		A 13 man 1	12696						10435C 10435D	*1	DIXIE	10618
	•	11295 11297 11299		CANYON JUNCTION	11227						10435E 10435F		DOVE CREEK	11010 1
		12109			11228A 11234 11260A 11794				<i>\$</i>		10435G 10435H			11134 11166
	17ma 54	135 M			11260A	•				in estational de	10435H 10435I 10435J		and the second	11166B 11167 11167A
200	ARTS PASTURE	11577 11609 X	1	CANYON POINT	11794 11181						10436		n variatie	31167B
100	AURORA	144 M 321 M			11198		1		•		10437 10438 10439	. (4)		11167Č 11167D 11167E
1. 4.	No diagram	321 M			11200 11201 11203				• * * * * * * * * * * * * * * * * * * *	5.0	10439		7	11167E
A Section of the Control of the Cont	BLACK CANYON	9294 9423 9859 9872B	15/36	•	11203 11228		i				10440 10448: 10449			11167F 11284
		9859	1		11229		1.				10449 10450			11406B2 11555
		3016B		•	11249									
		·•	,				į.				l			

o

			4.45				
SCHEDULE 4(b)							
STATE UTAH	AREA FARNHAM DOME	MFSCO COMPANY LEASE NO. 18 M 18AM	STATE UTAH	AREA KEEL RANCH	MFSCO COMPANY LEASE NO.		
	COLD DAD			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	11294 11294A 1298		
	GOLD BAR	11589 11609 13214 13216 13217		KLONDIKE	11503 11814 11827 12652		
	GPRAT.SALT	13219		LAKE CREEK	12348		
	GREAT SALT LAKE	10599 10601 10638 10666 10667 10668			12349 12443 12547 12550 12551 12562 12563		
	GREMO HILL	10414			12563A 12999		
	GRAY WOLF MOUNTAIN	9503 9504 9505		LEFT FORK	13048 12744 12798		
		9507 9625 9626		į.	12861 12863 12865		
	GUNNISON	14016 14017		2°	12992 13001		
		13594 13597	1.00		13002 13003		
		13598 13599 13601 14022			13139 13140 13141 13144		
+ . :	HAYSTACK MOUNTAIN	11742 12649		LOCKERBY	12798 X 10976 10997		
	HORN	12623 12906			11011 11011A		
	HORSEHEAD CANYON	110164			11011B 11011C 11011D 11406B1		
		11041 11130 11131	1		11486 11486A		
		11132 11146 11282		e ^t e	11486B 11486C 11488		
		11285 11304D	1	LONG CANYON	13218		
¥4.		11752 11791 11902		MOAB	11537 11591 11592 11595		
	*	12708			11596 11610		
		12710 12711		•	11634 11822		
		12712 12713 12716 12717			11537 X 11597 - 11598 11822 X		
		12717A 12718 12718A		MONTY	11264 11993		
		12718B 12718C 12718D		MONUMENT CANYON	11010 2 11406B3		
4.	****	12719 12719A 12719B		OLD SQUAWS CROSSING	1.5		
est o est	HUNTINGTON	1727	1	PANGUITCH LAKE	71 M 10618 X		
	ISLAND	3655 3655 1		PARADOX BASIN	11228B 11387		

	٠	SCHEI	ULE 4(b)		
STATE	AREA	MFSCO COMPANY LEASE NO.	STATE	AREA	MFSCO COMPANY LEASE NO.
UTAH	PARADOX BASIN PIUTE KNOLL	11464 9121H	UTAH	RACETRACK CREEK	12993
	.*	9121H 9127C 9127D 9127E			12994 12995 13259
		9127E 9127F 9127G			13260 13261
F .	Tageta	9127H 9973	771 L		13262 13263
	•	10704 10734 10949	P. 1.	RAT HOLE	10420 11162
		10955 .10999			11162A 11162B 11273
		11000 11002			11273A
		11003 11004 11005			11347 11539 11733
		11006 11010 3			11733 12067
		11010 A 11010 B 11010 C		river bend	27 M 29AM
		11010 D 11012	2.5		29AM 31 M 32 M 32AM
•		11012 A 11012 B 11012 C			34 M 35AM
		11012 C 11012 D 11013		in the	52 M 53 M
		11013A 11013B		4.30	56 M 58 M 59 M
		11013C 11013D		* .	66 M 75 M
		11013E 11013F 11013G	7.4	•	76 M 96 M 97 M
	The state of the s	11013H 11040	+ i.		100 M 101 M
		11068 11068A 11068B			3588 3590
	•	11058C 11095	3.5		3601 3604 5069
	20.500	11122 11406B	3.7		3586 35861
	E PARTE	11408 11408A 11483	4.7		3602 A 3602 A1 3603
. 8	tageth ear	11483 11487 11856	1 12 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3603 1 7696
:	PICKETT CORRAL CANYON	11211		ROOSEVELT	3601 1 332 M
14.5		11211 11218 11220		SALINA,	
		11220A 11263 11268			321XM 322M 327XM 328XM 328XM
		11269 11984		•	329XM 330 M
	* 1	12023 12023A 12023AX		sawmill creek	12350 12354
	POCKET	12755			12356 12359
	PORCUPINE RIDGE	9936 10919		•	12362 12364 12442
	1979 B	10736 10927			12444 12650
	PATTERSON RACETRACK	11195			12653 12682 12793
	RACETRACK CREEK	12525 12539	12 20		12794 12795
			• • •		12796

SCHEDULE 4(b)								
	****	MFSCO COMPANY			MFSCO			
STATE	AREA	LEASE NO.	STATE	AREA	COMPANY LEASE NO.			
UTAH	SAWMILL CREEK	12797	UTAH	VEGA	11964			
		12836 12837			11964A			
. 300	• 1774	12852	į.		11964B 11965			
		12916 12996		* **	11994 11996			
A S		12997 12998			11997 11998			
44.0		13045			12057			
100	a de	12357	ŀ		12214 12567			
	1 1 T	12298 12425			12568 12826			
		12427 12428			13042			
	•	12429 12430		WESTWATER	13043 10405			
		79491	WYOMING	AFTON	4177			
1, 5,	•	12852 X 12998 X		AL TON	4180			
1.1		13045 X 12293			4182 4183			
		12354 X		100	4185 4186			
4.14		12354 X 12355 12837 X			4188			
1.34		13303			4189 4199			
	SIGURĐ	326 M 327 M 328 M			4199A :			
1.14		328 M 329 M			4199C			
	SHURT2 CREEK				4204			
412	1447	11929 11931A	. b		4206 4208			
W 24	SIXTH WATER CREEK	12697			4210 4211			
1	Charle	12698			4215			
A STATE	SQUAW	11227A			4367 4368			
4		11227A 11254B 11259A 12068	- 24	4115411 01 400	4377			
1 1 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		12066		ALKALI FLAT	3123 3664			
	TEPEE	£1042		BEAR GULCH	4514			
	TRAPP SPRINGS	11795	ļ	BONNIDEE	3390			
	UTAH VALLEY	12592 12593 12595 12596	4.5	•	3392 3493A			
		12595			3493B			
W	VEGA	11821		BONDURANT (Sublette)	3305			
1000	241	11933	44.1	(Subscite)	3404 3679			
12.15		11934 11951		BONDURANT	3679			
1.1		11962 11953		(Teton)	3306			
41.5	4.4	11963A 11963B		10.75	3493C			
		11954			3493C 4557 4579			
25		11955 11966	į	BRADY	683			
		11956A 11956B			704 2983			
	and the second second	11956C			2983 4450			
		11956D 11956E	l	BROOKS RANCH	4157			
1.00	•	11957 11958			4353 4403			
		11968A 11969		BUTOUDD PARES	4420			
	•	11960		BUTCHER KNIFE SPRING				
* *	**	11960A 11960B		(Sweetwater)	2876 X			
#1#	No. 1	11961 11962	1 1 1 1	BUTCHER KNIFE SPRING (Uinta)	2014			
+ -		11963		100000	2792 2833			
		11963A	1. 2. 1. 1.	3997 29	2833			

	SCHEDULE 4(b)	
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		MFSCO			140000
STATE	AREA	COMPANY LEASE NO.	STATE	AREA	MFSCO COMPANY LEASE NO.
WYOMING	BUTCHER KNIFE SPRING (Uinta)		WYOMING	DEVILS HOLE	3921
	or kned (onlies)	2849 2861		1.75	3922
		2867 2868	1		3922 X 3923
		2869 2870			3923 X 3924
		2873A			3925 3925 X
1	****	2874B 2876	1		3926 3926 X
		2877A 2878		* * * * *	3927
		2879 2880 A			3928 3929
A		2881	1		3930 3930 X
	•	2882 A 2884	.[-3931
		2912 2948		DOTY MOUNTAIN	3720
	100	2949		DRY CREEK	3114
		2970	1	DRY PINEY	3282 3686A
		3211 3212		EAST DESERT SPRINGS	
1.1		3216 3217			3794
		3221A 4407		East Hiawatha	1BM
٠,		4658A	4 17	7	482 3131
	BUCK SPRINGS	3314] .	FALL CREEK	4481 4476
+ , *	BUCKHORN	3582	. 1	FEATHER	3062·
1,71	BRUFF (Sweetwater)	3662 A			3096
	1 1	3662B 3662C			3258 3580
		3662D 3662E			4197 4371
A 1		3662F		FISH CREEK	4405
1		3662G 3662H		FIVE MILE GULCH	2338
4.5	C11/11/21/ c1	36621		•	2623 2624
	CANYON CREEK	381.7			2719 2720
	Canyon Creek Dome	967		FOGARTY CREEK	3048
	CEDAR RIDGE	3123A		· ·	3265 3686
	* •	3183 3664A		GALE	3592
	CHEBONER METH	3864			3599
	CHEROKEE TRAIL	3011 3316		GRAHAM	3781 3838
1.1.		3769 3839			3932
	•	4175 227	-	GRAPHITE	851AX 851B
	CLAY BASIN	423			851BX 887
	CODY	3721	10	GRAVEL	3350
	COMO LAKE	3289	:		3361A 3566
	CORRAL CREEK	3710		HADSALL	3300
•		4158 4165		SPRINGS	3362 3362A
1	CYCLONE RIM	106XM 108XM		HANK HOLLOW	4372
	DEAD HORSE	1		HENRY	2869A
Į.	DESERT SPRINGS	3039		**	2873 2874
	DEVILS HOLE	3816 3870	1 1		2874A
18 m		3871 3920			2877 2880
* *	•	3920			2882 3213

		SCHED MFSCO	ULE 4(b)		MFSCO					SCHE	ULE 4(b)		
STATE	AREA	COMPANY	l		COMPANY					MESCO	ULE 4(b)	w.jet	1477000
WYOMING	HENRY	LEASE NO. 3218	STATE WYOMING	AREA	LEASE NO.		•	STATE	AREA	MFSCO COMPANY LEASE NO.	STATE		MFSCO COMPANY LEASE NO.
	The second second	3219 3221 3223 3231 4633 4645	" TOMING	LITTLE SHOE CREEK	3301			WYOMING	PINE TREE	3089	WYOMING	AREA SPEADURAN	LEASE NO.
		3223	3.5	LITTLE WORM CREEK	1000				PONY CREEK	3918		SPEARHEAD RANCH	3094A
		4633		· '	100B 100B1					4473 4548	·		3132
		4658		LONG HOLLOW	4494				RADERVILLE SOUTH	4470		. ***	3206 3234
	Hiawatha deep	12M 482 X 3131 X	. '	LOST CREEK	99 M				55017	4472 4490	1.0	•	3234 1 3234 2
		3131 X		MESA, THE (Pinedale)	1884				rattlesnake Hills	2050			3094 A 3122 3132 3206 3234 1 3234 2 3242 X 3302 3334 3335 3715 3727 3827 3827 3827
	HICKEY	4481 X			1884 1886 1887 1888 1889 1891 1892 1893 1894 1895 1896 1897				111000	3052 3237		197	3334 3335
	MOUNTAIN	4633A			1888 1889				RED DESERT	3840 3595			3715 3827
	KINNEY	3113A 3201A			1891					3598	. V		3828 2875 1
		3278 294C 297A 297B 945			1893				RED HILLS	4388 4404		2	3085B1
		297A	'		1895				•	4404 4419 4425			3085B1 3087 3088 £ 3093 1 3093B1
		945			1897				RIFES RIM				3093 B1
	10.34	945A 945B		MICKELSON	3079			•	* *	3029A 3307			31221 3132 1
417	in a second constraint of the	945C1 946C 947A		MIDDLE BAXTER	232B 249			. '	ROBIN	3341			3132 I 3132 2
		9477			797B		-	= *	SALT WELLS WEST	3191			3137 3206 I
		947F 3113 3139			19 M 80AM				SANDSTONE RIDGE	3184			3132 1 3132 1 3132 1 3132 2 3137 3206 1 3234 X 3242 3243
		3139 3149		MOSLANDER RESERVOIR					SCHEGGS DRAW		- 1 - 1		3243 3302 X
4.23		3149 3150 3154 3157 3157 3167 3177 3180 3201 3203 3249 3249 3269 3269 3269 3239 3239 3249 3269 3269 3269 3279 3279 3279 3279 3279 3279 3279 327		7.5	3236 3271 3279				,	3013 3029 3194			3715 1
5- Î		3155 3157		MOXA ARCH	50.13					3194A : :			3716 3827 X 3827 1
	and the second	3167		· (Sweetwater)	4442				SCOTTY LAKE	3196 104 M	1.41	•	3828 1
		3185	i.i.	MOXA ARCH (Uinta)	4474					104 141			3828X1 3861
	5.5 55.6	3203			4475			i.	SEVÊN MILÊ GULCH	4173		STEINLE RANCH	3130 X
*	1900	3239 3249			4482 4622 4721				Sheep Creek	3707 3708 3709 3711		SUBLETTE CREEK	4406
• •		3260 3262	:	NEEDLE	3317					3709 3711		SUN (Fremont)	104AM 105 M
		3309 3336		NORTH BAGGS					Shute Creek	3369 3792		•	105 M 105 AM
	10111/2011 Brb on		·		3554 3585 3704 3798 4427	•			SIERRA MADRE				105AM 105XM 106 M
	Johnson Ridge	3091 3148			3798 4427	•			SIXMILE SPRING	3054 3304		****	109 W
		3159 3251		NORTH BAXTER	1AX				SLATE CREEK	3361		SUN (Sweetwater)	103 M
	4.6	3148 3159 3251 3254 3389			1AX 1BX 252A 4554A	,		*	SNAG CREEK	3678		WYOMING SOUTHEAST	4140
•	KENT RANCH	3919		•	4554A 4554B				COLUMN DAVIDOR	3680	4.0		4140 4143 4223 4226 4241
	LAKE BARSTOW	4373 4374			4554C 4665			100	SOUTH BAXTER	38B	1.75.0		4226 4241
-	LEROY				4554B 4554C 4665 4466 4501			~		16B 38B 39B 92C 292 336C 579 2101	7.5		4244 4252
		2887	*	PEARL .	3130					292 336C			4252A
		2947		PICKET LAKE	112 M					579	and the second	24	4253 4253
-	1.	2962		OVERLAND	3318 3705			,	Survey of the	3233			4261 4267
	*#	2865 2887 2890 2947 2958 2962 2973 3007 4426 67.M	31 33	PINE CREEK	3705 3795			3.0	SPEARHEAD RANCH	2675	¥1.7	1917	4270 X 4270AX
	i jin	4426 87.M		PINEDALE	1885			• .		2675 3082 3083 3084 3084A 3085	1.0	1.00	4244 4252 4252B 4252B 4253 4261 4267 4270 A 4270A 4270A 4276B 4276B 4276C 4276F 4276F 4276F 4276F 4276F 4279 4291 4303
	LEROY DEEP	3012	1.00	* V	1886A 1890			**	1 11 - 6 1	3084		2 th 4	4276B 4276C
• • •		3259 3419		er e	1897A 3291			- 1.7		3085	100	•	4276D 4276F
.,	LITTLE SHOE CREEK	24.0		* .	9591			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3085A 3085B 3088			4279 4291
**	Auber	3021 3261				:		•		3093 1			4303
						•				3093A 3093B			4310A 4310B

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### ### ### ### ### ### ### ### ### ##	MFS COMP REA LEAST /YOMING OUTHEAST		STATE VYOMING		MRSCO COMPANY LEASE NO.		AREA WYOMI SOUTH
WYOMING SOUTHEAST (Goshen) 4229 4479 4429 4460 4479 4661 4296 4290 4291 WYOMING SOUTHEAST (Laramie) 3992 4296 3994 4386 4314 4300 41141 4300 41141 4300 41141 4300 41141 4300 41141 4300 41141 4300 41142 4114 4300 41144 4300 41141 4300 4311 4211 4211 4211 4211 4211 4211 4211	-aramie) 4280A	(Lar			4323 X 4323 AX		
(Loshen) 4329 4289 4430 4290A 4630 4293 WYOMING SOUTHEAST (Laramie) 3993 42994 3994 4300 41141 4300 41141 4302 41142 4302 41144 4304 41141 4304 4114 4304 414 4304 414 4304 414 4304 414 4	4283 4283					ING	WYOM
4336 4479 4630 4661 4292 4293 SOUTHEAST (Laramie) 3993 3994 41141 3994 41141 4114 4114 41	4284 4289				4329	HEAST In)	(Goshen
### ### ### ### ### ### ### ### ### ##				1:	4336		
WYOMING SOUTHEAST (Laramie) 3993 3994 4297 4138 4390 4141 4142 4300 4142 4217 4218 4218 4218 4218 4218 4218 42218 42218 42211 4311 4221 42221 42	4292 4293				4630		
3992 3994 3994 4300 4138 4141 4302 4142 4304 4217 4218 4218 4220 4218 4220 4218 4221 42218 4221 42218 4221 42218 42218 42210 4311 42216 4318 42210 4315 42216 4318 42217 42216 4318 42217 42218 4318 42210 4318 4318 42210 4318 4318 42210 4318 4318 4321 42211 4318 4321 42211 4318 4321 42211 4318 4321 42211 4318 4321 4321 4321 4321 4321 4321 4321 4321	4293A 4296					IING	WYOMI
3994 4138 4141 4122 4302 4142 4144 4217 4218 4218 4218 4218 4218 4218 4218 4218	4297		. 5%		3992	HEAST nie)	Laramic
4138 4141 4141 4302 4142 4302 4144 4317 4318 4218 4218 4218 4218 4218 4221 4221 4311 4311 4221 4311 4311 4321 432	4299A				3993		
41142 4144 4144 4144 4217 4218 4218 42188 42188 4218 42210 4311 42221 42222 42222 42	4301				4138		
### ### ### ### ### ### ### ### ### ##	4302A		5		4142		
4218A 4218 42210 42211 4221A 4221A 4221B 4221C 4221B 4221B 4221C 4221B 4222B 4222B 4222B 4222B 4222C 4223A 4222A 4222A 4222A 4222A 4222A 4222A 4222A 4222A 4222A 4222B 4222A 4222B 4222A 4222B 4222A 422B 4222A 422B 4222A 422B 4222A 422B 422A 422B 422B			**		4217		٠,.:
### ### ### ### ### ### ### ### ### ##	4312		100		4218A		
### ### ### ### ### ### ### ### ### ##					4220		
4221D 4221E 4221F 4221F 4323A 4221 4221G 4324 4222 4222 4225 4226 4226 4227 4227 4227 4227 4227 4227	4315 4315A			1:	4221 A		
4221E 4221F 4221G 4221G 4224 4222 4222 4224 4225 42267 4227A 4227A 4227B 4227B 4230 4227B 4230 4230 4231 4232 4234 4235 4239 4238 4239 4239 4239 4239 4239 4239 4239B 423B 423B 423B 423B 424B 425B 427C 427D 427D 427D 427D 427D 427D 427D 427D	4317 4318			1	4221B 4221C		
4221G 4224 4226 4226 4227 4227 4227 4227 4227				1:			
4226 4327 4227 4227 4227 4227 4227 4227 4227	4323A 4324	٠.		1:	4221F 4221G		
4227A 4237A 4238 4232 4234 4235 4236 4236 4238 4239 4239 4239A 4239B 4238B 4239B 4238B 4238B 4239B 4238B 423B 423B 423B 423B 423B 423B 423B 423	4325 4326		11.		4222 4222A		
4227B 4232 4234 4234 4235 4235 4236 4236 4239 4239A 4239B 4239B 4239B 4239C 4234 4240 4240 4256 4245 4246 4246 4246 4246 4251 4251 4251 4251 4251 4251 4251 4251	4327 4328	•	:		4226 X 4227		
4232 4234 4235 4236 4238 4239 4239 4239A 4239A 4239B 4239C 4339A 4239E 4239E 4240 4240 425E 4241 4240 425E 4241 4240 425E 4245 425E 425E 425E 425E 426A 425E 426A 425E 427E 425E 427E 427E 427E 427E 427E 427E 427E 427	4330 ; 4331	74.5		1.	4227A 4227B		
4239A 4239A 4239C 4239E 4239E 42400 4255 4246A 42511 4251 4255 4251 4256 4251A 4700 4255 4700 4258 4701 4258 4701 4259 4270 4270 4270 4270 4270 4270 4270 4270	4332					15.55	3 5
4239A 4239A 4239C 4239E 4239E 42400 4255 4246A 42511 4251 4255 4251 4256 4251A 4700 4255 4700 4258 4701 4258 4701 4259 4270 4270 4270 4270 4270 4270 4270 4270	4334 4325				4235 4236		
4239B 4239C 4239C 4239E 4234 4240 4240 4245 4245 4246 4246 4246 4251 4251 4251 4251 4251 4251 4251 4251					4239 4239		
4239E 433E 4345 4345 4345 4345 4345 4345 434	4339A	:	-		4239B		
4245 4246 42464 42464 4251 4251 4251 4251 4251 4252 4258 4700 4258 4258 4701 4260 4702 4270 4270 4270 4270 4270 4271 4271 4271 4271 4271 4271 4271 4271	4341A	٠,		1	4239E		
4246A 4251 4251A 4251A 4251A 4258 4258 4258 4258 4258 4258 4258 42701 4260 4270 4270 4270 4270 4270 4270 4270 427	4687					1 1 1 1 1 1 1 1	
4251A 4700 4255 4700 4258 4701 4258 4701 4258 4701 4250 4702 4270 4730 4270 4730 4270 4731 4271 4731 4271 4732 4271 4733 4271 4733 4271 500THEAST 4271 SOUTHEAST 4272 (Platte) 4139 4272 4272 4139 4272 4273 4139 4272 4273 4139 4272 4273 4139 4272 4273 4139 4272 4273 4139 4272 4273 4139 4273 4273 4139 4274 4275 4139 4275 4139 4139	4697				4246A		
4258 4701 4258 4701 4258 4701 4258 4702 4270 4702 4270 4730 4270C 4731 4271 4732 4271 4733 4271 4733 4271 500THEAST 4271 SOUTHEAST 4272 (Platte) 4139 4272 4278 1241A 4278 TARTER'S ISLAND 1241 4278 1241A	4700				4251A	10 m	,
4270 4270A 4270A 4270A 4270A 4270C 4270C 4271 4271A 4271A 4281B 4271C 4281B 4271C 4271C 4271C 4271C 4271C 4271C 4271C 4272A 4272B 4272B 4272C 42	4701				4258		
1270A 4731 4732 4732 4733 4733 4733 4733 4733 4733 4733 4733 4733 4733 4733 4733 4733 4735	47QZ				4260	-	
4271 4271 4281B 4281B 4271C 4271C 50UTHEAST 4271D 4272 4272A 4272B 4272B 4272C	4730 4731				4270 4270A		·
4271A 4281B 4281B 4271C 4271D 4271D 4272P 4272A 4272B 4272C	4733		1	1	4270°C 4271		* .
4271C WTOMING 4271D SOUTHEAST 4271D (Platte). 4139 4272A TARTER'S ISLAND 1241 4272B 1241A 4272C 1241A 4273C THOMAS CANYON 3315	4733A	1174.54				•	
4272 (Platte) 4139 42724 (Platte) 1241 42728 (Platte) 1241 4272C (Platte) 1241A 4273C (Platte) 1241A 4273C (Platte) 1241A 4273C (Platte) 1241A	DUTHEAST	SOU		1.	4271 C		
4272C 4273 THOMAS CANYON 3315	latte) 4139	(Plat			4272		
4273 THOMAS CANYON 3315	TALER SISLAND [24]	IAK	4.5		4272B		
			a sail		4273		.*
4278 TIERNEY 118 M	ERNEY 118 M 120 M 121 M 122 M 2795	TIEF	31.71	[}	1278	•	

		SCHEI	ULE 4(b)		
		MESCO			MFSCQ
STATE	AREA	COMPANY LEASE NO.	STATE	AREA	COMPANY
WYOMING	TIERNEY	2841	IDAHO	MEDICINE LODGE	LEASE NO.
	48.3	2842 2843	DATE	MEDICINE LODGE	142 143
	150	2844			144- 145
	MINE BOARD AND A	2845	1		146
*	WILDHORSE	3665	;	ONYX	118
	WHISKEYBUTTES	2623 3893	ļ		119 120
.*		3894	- 16-		121
-7		3895 3896		PEBBLE (Bannock)	116 117
		3897 3898		PEBBLE (Caribou)	129
		3899	MONTANA	BLACK COULEE WEST	-42
		3901	1.1	WEST	42 · 1 M
		3902 3903	1.5	BLACKLEAF	38A
		3905		DISTORDER	38 76
• *	and the second	3907		Df 4 GW D 4 D	76
•		3908		Blackleaf Coulee west	579
		3910		CHIPPEWA CREEK	584
		3912		CLARK FORK	36
7		3913 3914	1		40 74
		3915 3916	١,		75 536
	YELLOW CREEK	3315 X			538
IDAHO	AFTON	133	1		538 538A 539 545
	ANT CANYON		1		545
	(Caribou)	128 134		Crooked Creek	413 ⁻ 415
		135	1	CROW CREEK	489
1.	ANT CANYON (Franklin)		İ .		102
#1.	(FIRMAIIN)	122 123		CURTWRIGHT COULEE	470
- **	1.00	124 125			472
	10 miles (1777)	126 127	1		473 474
	CHESTERFIELD	130			476 477
		131		23	478
	DINGLE SWAMP	137	l		480
	HORSESHOE	160	1	Dicarionn en	481
	GARNS MOUNTAIN	156 157		DISTURBED BELT (Lewis and Clark)	71 X
	•	158	l		509 510
		159 160A	,		511.
		161 162	100	1999	512 513
		163			514 515
	KILGORE	147 148			516
	***	149			518
	in the second	150 151	1.7		519 519A
	and the second	152 153	7.5		519B 519C
100		154		to the production	519Ď
	MEDICINE LODGE	138			519F
		138A	ł	1000	520 521
		139 140			521A 522
		141 .	1		***
			ı		
			17		
		•			

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TATE	AREA	MFSCO COMPANY LEASE NO.	STATE	AREA	MFSCO COMPANY LEASE NO.	
AMATMO	DISTURBED BELT		MONTANA	HEALEY COULEE		
	(Lewis and Clark)	522A 523		(Pondera)	400 401	
		524	٠		434	
		526 527		HEALEY COULEE		
		528 529		(Teton)	387 391	
		530			391 392 X 398	
		532		HEALEY COULEE	430	
		543 544		(Toole)	388	
•		548			389 390	
		549			389 390 393 393 X	
		549A 549B	1.			
		550 550A	ľ.		409 431	
		5508			432 443	
		551 551A			3 M	
		577		*************	18'M	
	DISTURBED BELT (Teton)	36B	r	KEVIN-SUNBURST	77	
	(1011)	37 39			77 350 351	
		39. 40A			352	ı
		41°			353 354	Ċ
		72		. 19	355 356	
		74A			383	•
		75A, 76A			416 417	
		534 5354		I PDCPD (D	435	
		537	·	LEDGER (Pondera)	81- 345 347	
		539 X 545 X				
			. ,	LEDGER (Toole)	81 X 346	
	DUNKIRK NORTH	7 M 8 M			0.0	
		8AM 8BM	}	LITTLE DRY CREEK	418	
		9 M		Little sheep Creek	557	
		9AM 9BM] .		201	
	4 T	9CM 9DM	i	LITTLE WARM SPRINGS	585	
	Augusta a	9EM		MIĹK RIVER (Blaine)		
		9FM 9GM	i est	(Dialine)	96 109	
	1.00	9HM 9IM			163 194	
	:	9jm Jim			194 381 382	
	EKALAKA NORTH	462		45	382A	
	HAY CREEK	469			625 626	
	HEALEY COULEE	105			626A	
	(Chouteau)	402	1. F		626B 626C	
	HEALEY COULEE	100	1		626D 627	
	(Liberty)	403 404	100		628 629	
	HEALEY COULEE (Pondera)		44.5	MILK RIVER (Hill)	86.	
200	(Foligera)	384 385	राष्ट्रम	;	174 210	
		386 392			210A	
		396			240C °- 248	
		399			248A 248B	
			•		5100	

- 00	***		
- 31.	ни	 JLE.	ain

		SCHED	ULE 4(b)		
STATE	AREA	MFSCO COMPANY LEASE NO.	STATE	AREA	MFSCO COMPANY LEASE NO.
MONTANA	MILK RIVER (Hill)	248BX	MONTANA	MILK RIVER (Hill)	
		248Bî 252 252 X			320 323 324 332
		252A 253			332 332A 333
		253A			333 333A
	*	253 AX 253 B	Ì	* * *	334 335
		253BX 253C			335A 366
		253D 253F			368
4.		254 254 X			369 370
		2541X 256		* -	371 372
		257			373 376
		. 258 259			377 461
	** .	259B 260	1.50		582 613 613 X
		260 X 261			613 X
		262 262A	1.1		614 615
		263 263 X			616 617
		263A 264			617A 618
		264:X 264A			618A 618B
		268 268 X	177		619 619A 620
		271			620 620A
	111	272 273		·	2 M
		273A . 273B		MINER'S COULEE	485
		273C 274		MURPHEY CREEK	\$83
		291 293		NINE MILE COULEE	580
		295	1.	PONDERA COULEE	578
		296 X 297	1	razor creek	407 410
		298.			411
•	1	299 300		RED ROCK RIVER	414 559
		301 301 A	1::-	ROCK CREEK	586
		301B 302	:	,	587
2.5		302 A 302 B		Sage Creek	553 554
		303 304	:		554 555 556
		305		•	558
		306 306A	·	SIPARYAN CREEK	588
		307 308A		SNAKE COULEE	490
		308B 309]	SUNDAY CREEK SWEETGRASS	· 468
		310 311	l	ARCH	454
1.5		312 312A		TONY CREEK (Golden Valley)	464
	15° - 11	313 314	}	TONY CREEK	404.
		315 315 X		(Wheatland)	463 465
		316			466
		317 318 319		WHITE SPECKS	467 507
		319	ŀ	a of notio	508

•				ULE 4(b)	·	
STATE	AREA	MFSC COMPA LEASE	NY	STATE	AREA	MFSCO COMPANY
VEVADA	ALKALI FLAT	138	.,,	NEVADA	JIGGS	LEASE NO.
	• • • • • • • • • • • • • • • • • • • •	13 9 140			,,,,,,,	168 172 178 179 180
		141 143		1		179
		144 145 X				181
. *	DIAMOND VALLEY	292		1.57		182 184
	FALLON EAST	125		i		209 210
	7 - 12 - 1 m	128 129				211
1		136		p. 1		240
	HUMBOLT EAST	146 147	1.5		LONE ROCK	142
.'	INDIAN LAKES	132	1.7		_	145 157
		133			LONG VALLEY	228 231
* -	JIGGS	162 163		ŀ	LUND	224
		l64::			RUBY VALLEY	230
		166A			WHITE FLATS	226 227
		168A		NEW	,	227
1		170		MEXICO	ALEMITA	
j.		173 174		1.0	(Sandoval)	268 279
		175			ALEMITA (San Juan)	
1	•	177 1784		·		255
		180A		1	APACHE SPRINGS	51- 445
		1824			ARMIJO RESERVOIR	45
taring the second		183 184A			BELL LAKE	76 62
1	and an area	185	!		BISTI	91
	41.4	187 188				151 183
313 		189 190				2 6 6
i yaka T		191				267 284
*		193 194				304 344
e de la companya de l		195				346 379
i 188		196 197				402
ŞH .		198 199				404
	100	200 201				406
4.		202				415
		204		•		417 418
2	generality) je	206		~	•	419 420
y.	1,500	208				421 422
eri er	er er efter	209A 210A		ji.		423 424
	di designer	211A 218			•	426
. 1	er tal	219 234	.	, i		428
1.00		235				430
•	11 11 11	237				431 432
. *	• • •	165				433 434
14.		167	~]			435

SCHEDULE 4(b)						
STATE	AREA	MFSCO COMPANY LEASE NO.	STATE	AREA	MFSCO COMPANY_ LEASE NO.	
NEVADA	White Flats	226 227	NEW MEXICO	FRUITLAND	493	
NEW MEXICO	BITTER LAKE	72 10 M 16 M			494 497 498	
	BLANCO	10 M 19			516 517 522	
	BLUITT (Lea)	. 156		GAVILAN	39	
	BLUITT (Roosevelt)	48		HAGERMAN	8 M	
	BONITO	344 X 383 401 437 438 439		номсно	365 3 66 367 368 369 370	
	CARLSBAD	46	1	HOPE	5 M	
-	CHACO CANYON	237 278			18 M 7 M 17 M	
25 A		344XX 345 347 364		HOSPAH	78 99 164 285	
	CHIQUITO	111 140	2		291	
		211 282		HUAPACHE	138	
7	сняомо	298		LAKE ARTHUR LINDA	491 24 M	
	COAL CREEK	210 463			31 M	
* * .		464 509		LINDRITH	163 269	
	COMANCHE	40			449 450	
		333 465	1.50		451 452	
	DANIEL WASH	189		1.11.11	453 454	
	10 May 2016	253 283			455 456	
	4.14.	305 348			457 480	
	DE-NA-ZIN	84 97 165			32 221 476	
	88 J. Far g	169 213		LOCKNEY	217	
	-	258 488		LOS PINOS	92	
		492		MARCELINA	507	
Ģ.	DULCE .	240	·	MATADOR	73 145	
	ESCRITO (Rio Arriba)	178 .375		rafilir di Shiring dan dan	332 74	
:	ESCRITO(Sandoval)	186 341	, į	MEDIA	496 53 56	
1.1	ESCRITO (San Juan)	150	1 1	Maria Maria	57 58	
	FRUITLAND	168			100	
1 - 1	- (. r r r	170 185 303 380			105 106 107	
		472 473 474 475 477			120 121 122 123	
		478			137 154 160	

SCHEDULE 4(b)							
STATE	AREA	MFSCO COMPANY LEASE NO.	STATE	AREA	MFSCO COMPANY LEASE NO.		
NEW MEXICO	MEDIA	208 257 287 296 483 504	NEW MEXICO	SEVEN LAKE	190 238 259 272 273 505 396		
	MEDICINE ROCK MIGUEL CREEK	79 90 129 245 98		SNAKE EYES	254 256 274 342 343		
	MONERO NONOMBRE	209 212 286 299 331 382 26			384 397 398 399 400 413 425 440		
	ojo	77 100 X 206 222 239 262 276 277		STAR LAKE (McKinley)	441 442 263 275 390 391 392 393		
		281 295 339 349 381 387 388 389 414	,	STAR LAKE (Sandoval)	394 395 416 443 444 338		
* v	PALO DURO	486 490 378		STONEY BUTTE	82 94 95 117		
	PECOS	162 371 12 M		TODD	139 495		
	PETERSON RACETRACK RED LAKE	410 23 36		TORREON	66 93 188 385 386		
	ROUND TANK SANDOVAL	54 270		WALKER DOME	28 47 75		
	SAN JUAN SAN LUIS	458 459 247 161			81 89 131 148 289		
		180 181 244 260 288 294 461 481 482 487		Y-O ZONE	290 27 M		
	SAN MATEO SEVEN LAKE	292 130 132 175 176	¦	:			

Post-1976 Wexpro Properties in Which the Company has a Royalty

SCHEDULE 5 "Wexpro Case" Agreement

POST-1976 WEXPRO PROPERTIES IN WHICH MOUNTAIN FUEL SUPPLY COMPANY HAS A ROYALTY INTEREST

		Mountain Fuel	•	_	Mountain Fuel
Area	State	Lease No.	Area	State	Lease No.
Basin Creek	Colorado	C-136 C-138	Big Lake	Montana	M-66 M-67 M-68
Buck Peak	Colorado	C-144 C-148 C-148-A C-150			M-75 M-75-A M-76 M-77
		C-151 C-152 C-153	Coon Creek	Montana	M-4 M-15
		C.153-A C.154-C C.156 C.156-A C.156-B C.156-D C.156-D C.156-E	Disturbed Belt	Montana	M-22 M-29 M-30 M-31 M-11 M-12 M-13 M-14
Bull Canyon	Colorado	C-146	Dunkirk, North	Montana	M-64
Campo	Colorado	C-133 C-137	DOINGE, TOTAL		M-64-A M-64-B M-63
Castle Creek	Colorado	C-173	Froid, South	Montana	M-62
Derby	Colorado	C-173	Kevin Sunburst,	MUIIIAIIA	
Eagle Beain	Colorado	C-176	East	Montana	M-69
Horse Creek	Colorado	C-102 C-106 C-107			M-70 M-71 M-72
	•	C-107 C-1123 C-1221 C-1224 C-1033 C-104 C-1066 C-1096 C-1109 C-1111	Little Porcupine	Montana	M-26 M-27 M-28 M-28 A M-28 B M-28 C M-28 D M-28-E M-28-E M-28-E M-28-G M-28-H
		Č-112-X C-114	O'Fallon Creek, East	Montana	M-21
		C-115 C-116 C-117 C-118 C-119	Pennel Creek	Montana	M-5 M-6 M-7 M-10
		C-120 C-121-X C-123	Riley School	Montana	M-8 M-9 M-19 M-20
Nibilck	Colorado	C-145			M-43
Spronke	Colorado	C-149 C-149-A			M-43-A M-43-B M-44
Yampa	Colorado	C-147 C-155 C-155-A C-174 C-175			M-44-A

SCHEDULE Mountain Fuel

		SCHEI	DULE 5		
		Mountain 1			Mountain
Area	State	Fuel Lease No.	Area	State	Fuel Lease No.
Riley School	Montana	M-44-B	Duckwater	Nevada	N-146
title) Commen		M-44-C			N-147 N-151
		M-44-D M-44-E	East Fallon	Nevada	N-159
		M-44-F M-44-G	Indian Lakes	Nevada	N-160
		M:44-H M-454	and the Dalles		N 163
Tanania		112-13-1	Jiggs	Nevada	N-130 N-149
Tonquin Siding	Montana	M 32	C-136-11-4		M-143
		M-32-A M-32-B	Spring Valley	Nevada	N-161
		M-32-C M-32-D			N-164
		M-32-E	Alemita	New Mexico	NM-3 NM-8
		M-32-F M-33			NM-19
		M-33-A M-34	Bisti	New Mexico	NM-4
		M-34-A i	Chaco	M No	N14 00
		M-34-B M-34-C	Canyon	New Mexico	NM-22
		M-34-D M-35	Daniel Wash	New Mexico	NM-9 NM-11
		M-35-A			NM-12 NM-13
		M-35-B M-36	•	200	NM-24
	•	M-37 M-38	De-Na-Zin	New Mexico	NM-5
		M-39		•	NM-7 NM-14
		M-39-A M-39-B			NM-15 NM-16
		M-39-C M-39-D			NM-17
		M-39-E		•	NM-20 NM-25
		M-39-F M-39-G			NM-27
		M-39-G M-39-H M-39-I	Fruitland	New Mexico	NM-10
	•	M-39-1	Media	New Mexico	NM-21
		M-39-K M-39-L	Palo Duro	New Mexico	NM-18 NM-1
		M-40 M-41		-	NM-23
		M-41-A	Puerto		M. C.
-		M-41-B M-41-C	Chiquito	New Mexico	ŃW∙6
-		M-41-D M-41-E	Alkali Canyon	Utah	U-61
		M-41-F			Ú-62
		M-41-G M-42	Arts Pasture	Utah	U-60
		M-42-A M-42-B	Bryce Canyon	Utah	U-68
·		M-46	Bun /Dea May	Otan	
Wrangle	25		Bug (Pre-May 10, 1979)	Utah	U-65
Creek	Montana	M-60 M-61			U-67
Duckwater	Nevada	N-131	Bug (Post- May 10, 1979)		
		N-132 N-133	,	Utah	U-81 U-84
		N-134			Ū-84-A
		N-135 N-136			U-84-B U-84-C
		N-137			Ú-84-D Ú-84-E
		N-138 N-139			Ú-84-F
		N-140 N-141		4	U-87 U-92
		N-142 N-143			Ŭ-117 U-117-A
	•	N-144	•		CATTON
		N-145		,	***

Area	State	Fuel Lease No.
Bug (Post-May 10 1979)	Utah	U-117-B U-117-C U-117-D U-117-E (No Co. no. yet)
Bug (Farmin)	Utah	U-99 U-185 U-136 A U-136-A U-136-C U-186-D U-137-A U-137-A U-137-C U-138-C
Clark Canyon	Utah	U-74 U-74-A U-74-B U-75
Hatch	Utah	U-33 U-35 U-40
Klondike	Utah	U-63 U-64 U-57
Gold Bar	Utah	U-54 U-55 U-59
Mustang Flat	Utah	U-70 U-78
Patterson East	Utah	U-72
Spring Canyon	Utah	U-58
Squaw	Utah	U-52 U-66
Bear Gulch	Wyoming	W-177
East Hiawatha	Wyoming	W-260
Hadsall Springs	Wyoming	W-271
Hensley Draw	Wyoming	W-242
Pinedale	Wyoming	W-200

Pite-1977 Non-Utility Properties

SCHEDULE 6 "Wexpro Case" Agreement PRE-1977 NON-UTILITY PROPERTIES

AREA	STATE	WEXPRO LEASE NO.	AREA	STATE	WEXPRO LEASE NO.
Hilight South Unit	Wyoming	W-49 W-50 W-50 W-52 W-53 W-54 W-56 W-58 W-59 W-59-A W-59-B W-50-B	Walker Creek	Wyoming	W.139-C W.139-E W.139-E W.139-G W.139-G W.139-H W.139-I W.139-I W.139-L W.139-V W.139-O W.139-Q W.139-Q W.139-Q W.140-A
North Walker Creek	Wyoming	W-71 W-246 W-78 W-79 W-79-A W-79-B W-80			W-140-E W-140-F W-140-G W-141 W-143 W-143-A W-144 W-144-A
Walker Creek	Wyoming	W-109 W-111 W-112 W-113 W-115 W-115 W-128 W-128 W-128 W-129 W-130 W-133 W-134 W-135 W-136 W-137 W-139 W-139-A W-139-B	Wright Area	Wyoming	W-145 W-146 W-147 W-50-A, M-13 W-148 W-150 W-155 W-155 W-58-X W-59-A-X W-59-B-X W-158 W-162 W-162-A

Schemanie Diagram.

THE PROPERTY OF THE PROPERTY OF