

OIL AND GAS LEASE

THIS AGREEMENT, made and entered into the 29th day of August, 2005 by and between Dennis E. Drake (a married man), individual and as general partner of Drake Family Partnership LLLP, whose address is 11567 Highway 14, Aulr. CO 80510 hereinafter called Lessor (whether one or more) and Transcontinent Oil Company, whose post office address is 621 17th Street, Suite 1201, Denver, CO 80293, hereinafter called Lessee:

WITNESSETH:

1. That the Lessor, for and in consideration of Ten and more dollars (\$10.00+) in hand paid, receipt and sufficiency of which is hereby acknowledged, and of the agreements of Lessee hereinafter set forth, hereby grants, demises, leases and lets exclusively unto Lessee the lands described below for the purpose of investigating, prospecting, exploring (by geophysical and other methods), drilling, mining, operating for producing oil or gas, or both (as defined below), together with the right to construct and maintain pipelines, telephone and electric lines, tanks, ponds, roadways, plants, equipment and structures thereon to produce, save and take care of said oil and gas (which right shall include specifically a right-of-way and easement for ingress to and egress from said lands by Lessee, or its assignees, agents or permittees, necessary to or associated with the construction and maintenance of such pipelines, telephone and electric lines, tanks, ponds, roadways, plants, equipment, and structures on said lands to produce, save and take care of the oil and gas), and the exclusive right to inject air, gas, water, brine and other fluids from any source into the subsurface strata and any and all other rights and privileges necessary, incident to, or convenient for the economical operation of said land, alone or conjointly with neighboring land, for the production, saving and taking care of oil and gas and the injection of air, gas, water, brine, and other fluids into the subsurface strata, said lands being situated in the County of Weld, State of Colorado, described as follows, to-wit:

TOWNSHIP 7 NORTH, RANGE 66 WEST, 6TH P.M.

Section 18: Lots 1(54.41), 2(55.48), and those parts of Lot 3 and the E/2NW that lie north and west of the south line of the Pierce lateral, less Tract 7, and containing 188.40 acres, more or less.

Section 18: A 4.138 acre parcel along the north part of the N/2NW, as described by metes and bounds in Book 1485, Page 427.

Section 18: That part of the NW/4 that lies south and east of the Pierce lateral, containing 18.50 acres, more or less.

Section 18: That part of the E/2SW that lies north and west of the Pierce lateral, containing 2.50 acres, more or less.

and containing 213.54 acres, more or less, hereinafter called "leased premises". In addition to the land described above, Lessor hereby grants, leases and lets exclusively unto Lessee, to the same extent as if specifically described, lands which are owned or claimed by Lessor by one of the following reasons: (1) all lands and rights acquired or retained by Lessor by avulsion, accretion, reliction or otherwise as the result of a change in the boundaries or centerline of any river or stream traversing or adjoining the lands described above; (2) all riparian lands and rights which are or may be incident, appurtenant, related or attributed to Lessor in any lake, stream or river traversing or adjoining the lands described above by virtue of Lessor's ownership of the land described above; (3) all lands included in any road, easement or right-of-way traversing or adjoining the lands described above which are or may be incident, appurtenant, related or attributed to Lessor by virtue of Lessor's ownership of the land described above; and (4) all strips or tracts of land adjacent or contiguous to the lands described above owned or acquired by Lessor through adverse possession or other similar statutes of the state in which the lands are located.

2. Subject to the other provisions herein contained, this lease shall remain in force for a term of five (5) years from this date (herein called "primary term") and as long thereafter as oil and gas, or either of them, is produced from the leased premises or drilling operations are continuously prosecuted. For purposes of this lease, "drilling operations" shall include operations for the drilling of a new well and operations for the reworking, deepening or plugging back of a well or hole or other operations conducted in an effort to establish, resume or re-establish production of oil and gas; drilling operations shall be considered to be "continuously prosecuted" if not more than one hundred twenty (120) days shall elapse between the completion and abandonment of one well or hole and the commencement of drilling operations on another well or hole; the Lessee shall be "engaged in drilling operations" or shall have commenced drilling operations for a new well at such time as Lessee has begun the construction of the wellsite location or the road which provides access to the wellsite location; and Lessee shall be "engaged in drilling operations" or shall have commenced drilling operations with respect to reworking, deepening, plugging back or other operations conducted in an effort to resume or re-establish production of oil and gas at such time as Lessee has the requisite equipment for such operations at the wellsite. In addition, for coal seam gas wells, the term drilling operations shall specifically include the dewatering and associated testing of the well, and while the Lessee is conducting such dewatering and testing, this lease shall not terminate but remain in force and effect until such dewatering and testing is complete and the well is either abandoned or deemed to be capable of producing oil and gas.

3. This is a PAID-UP LEASE. In consideration of the above cash payment, Lessor agrees that Lessee shall not be obligated, except as otherwise provided herein, to commence or continue any operations during the primary term. Lessee may at any time or times during or after the primary term surrender this lease as to all or any portion of said land and as to any strata or stratum by delivering to Lessor or by filing for record a release or releases, and be relieved of all obligation thereafter accruing as to the acreage surrendered.

4. Royalties on oil, gas and other substances produced and saved hereunder shall be paid by Lessee to Lessor as follows: (a) For oil and other liquid hydrocarbons separated at Lessee's separator facilities, the royalty shall be 12.5% of such production, to be delivered at Lessee's option to Lessor at the wellhead or to Lessor's credit at the oil purchaser's transportation facilities, provided that Lessee shall have the continuing right to sell such production to itself or an affiliate at the wellhead market price then prevailing in the same field (or if there is no such price then prevailing in the same field, then in the nearest field in which there is such a prevailing price) for production of similar grade and gravity; (b) for gas (including casinghead gas) and all other substances covered hereby, the royalty shall be 12.5% of the net proceeds realized by Lessee (after deducting the taxes and costs set forth in subsection 4(c) hereof) from the sale thereof, provided the Lessee shall have the continuing right to sell such production to itself or an affiliate at the prevailing wellhead market price paid for production of similar quality in the same field (or if there is no such price then prevailing in the same field, then in the nearest field in which there is such a prevailing price) pursuant to comparable purchase arrangements entered into on the same or nearest preceding date as the date on which Lessee or its affiliate commences its purchases hereunder; and (c) in calculating royalties on production hereunder, Lessee may deduct Lessor's proportionate part of any ad valorem, production and excise taxes, and any costs incurred by Lessee in treating (including without limitation, dehydrating and sweetening), processing, gathering, transporting, compressing, delivering and otherwise marketing such production, without regard as to any judicial determination as to when or where such gas may be deemed to be marketable.

Where gas from a well or wells capable of producing gas only is not sold or used for a period of one year, Lessee shall pay or tender as royalty, One Dollar (\$1.00) per year per net royalty acre retained hereunder payable annually on the anniversary date of this lease following the end of each such year during which such gas is not sold or used, and while said royalty is so paid or tendered this lease shall be held as a producing property under Paragraph 2 hereof.

5. If Lessee drills a well which is incapable of producing in paying quantities (hereinafter called "dry hole") on the leased premises or lands pooled or unitized therewith, or if all production (whether or not in paying quantities) permanently ceases from any cause, including a revision of unit boundaries pursuant to the provisions of Paragraph 8 or the action of any governmental authority, then in the event this lease is not otherwise being maintained in force it shall nevertheless remain in force if Lessee commences further operations for reworking, deepening or plugging back an existing well or for drilling an additional well or for otherwise obtaining or restoring production on the leased premises or lands pooled or unitized therewith within one hundred twenty (120) days after completion of operations on such dry hole or within one hundred twenty (120) days after such cessation of all production, or, should the lease be within the primary term, if Lessee commences such further operations; provided that should completion of operations on the dry hole or cessation of all production occur during the last year of the primary term no further operations shall be required to maintain this lease for the remainder of the primary term. If during or after the primary term this lease is not otherwise being maintained in force, but Lessee is then engaged in drilling, reworking or any other operations reasonably calculated to obtain or restore production therefrom, this lease shall remain in force so long as any one or more of such operations are prosecuted with no interruption of more than one hundred twenty (120) consecutive days, and if any such operations result in the production of oil or gas or other substances covered hereby, as long thereafter as there is production in paying quantities from the leased premises or lands pooled or unitized therewith. After completion of a well capable of producing in paying quantities hereunder, Lessee shall drill such additional wells on the leased premises or lands pooled or unitized therewith as a reasonably prudent operator would drill under the same or similar circumstances to (a) develop the leased premises as to reservoirs then capable of producing in paying quantities on the leased premises or lands pooled or unitized therewith, or (b) protect the leased premises from uncompensated drainage by any well or wells located on other lands not pooled or unitized therewith. There shall be no covenant to drill exploratory wells or any additional wells except as expressly provided herein.

6. If Lessor owns less than the full mineral estate in all or any part of the leased premises, royalties and shut-in royalties hereunder shall be reduced as follows: royalties and shut-in royalties for any well on any part of the leased premises or lands pooled or unitized therewith shall be reduced to the proportion that Lessor's interest in such part of the leased premises bears to the full mineral estate in such part of the leased premises. To the extent any royalty or other payment attributable to the mineral estate covered by this lease is payable to someone other than Lessor, such royalty or other payment shall be deducted from the corresponding amount otherwise payable to Lessor hereunder.

7. In exploring for, developing, producing and marketing oil, gas and other substances covered hereby on the leased premises or lands pooled or unitized therewith, in primary and/or enhanced recovery, Lessee shall have the right of ingress and egress along with the right to conduct such operations on the leased premises as may be reasonably necessary for such purposes, including but not limited to geophysical operations, the drilling of wells, and the construction and use of roads, canals, pipelines, tanks, water wells, disposal wells, injection wells, pits, electric and telephone lines, power stations, and other facilities deemed necessary by Lessee to discover, produce, store, treat and/or transport production. Lessee may use in such operations, free of cost, any oil, gas, water and/or other substances produced on the leased premises, except water from Lessor's wells or ponds. In exploring, developing, producing or marketing from the leased premises or lands pooled or unitized therewith, the ancillary rights granted herein shall apply (a) to the entire leased premises described in Paragraph 1 above, notwithstanding any partial release or other partial termination of this lease; and (b) to any other lands in which Lessor now or hereafter has authority to grant such rights in the vicinity of the leased premises or lands pooled or unitized therewith. When requested by Lessor in writing, Lessee shall bury its pipelines below ordinary plow depth on cultivated lands. No well shall be located less than 200 feet from any house or barn now on the leased premises or other lands of Lessor used by Lessee hereunder, without Lessor's consent, and Lessee shall pay for damage caused by its operations to buildings and other improvements now on the leased premises or such other lands, and to commercial timber and growing crops thereon. Lessee shall have the right at any time to remove its fixtures, equipment and materials, including well casing, from the leased premises and/or such other lands during the term of this lease or within a reasonable time thereafter.

8. Lessee shall have the right but not the obligation to pool or unitize all or any part of the leased premises or interest therein with any other lands or interests, as to any or all depths or zones, and as to any or all substances covered by this lease, either before or after the commencement of drilling or production, whenever Lessee deems it necessary or proper to do so in order to prudently develop or operate the leased premises, whether or not similar pooling authority exists with respect to such other lands or interests. The creation of a unit by such pooling shall be based on the following criteria (hereinafter called "pooling criteria"): A unit for an oil well (other than a horizontal completion) shall not exceed 40 acres plus a maximum acreage tolerance of 10%; and for a gas well or a horizontal completion shall not exceed 640 acres plus a maximum acreage tolerance of 10%; provided that a larger unit may be formed for an oil well or gas well or horizontal completion to conform to any well spacing or density pattern that may be prescribed or permitted by any governmental authority having jurisdiction to do so. For the purpose of the foregoing, the terms "oil well" and "gas well" shall have the meanings prescribed by applicable law or the appropriate governmental authority, or, if no definition is so prescribed, "oil well" means a well with an initial gas-oil ratio of less than 100,000 cubic feet per barrel and "gas well" means a well with an initial gas-oil ratio of 100,000 cubic feet or more per barrel, based on a 24-hour production test conducted under normal producing conditions using standard lease separator facilities or equivalent testing equipment; and the term "horizontal completion" means an oil and/or gas well in which the horizontal component of the gross completion interval in the reservoir exceeds the vertical component thereof. In exercising its pooling rights hereunder, Lessee shall file of record a written declaration describing the unit and stating the effective date of pooling. Production, drilling or reworking operations anywhere on a unit, which includes all or any part of the leased premises, shall be treated as if it were production, drilling or reworking operations on the leased premises, except that the production on which Lessor's royalty is calculated shall be that proportion of the total unit production which the net acreage covered by this lease and included in the unit bears to the

total gross acreage in the unit, but only to the extent such proportion of unit production is sold by Lessee. In the event a unit is formed hereafter before the unit well is drilled and completed, so that the applicable pooling criteria are not yet known, the unit shall be based on the pooling criteria Lessee expects in good faith to apply upon completion of the well; provided that within a reasonable time after completion of the well, the unit shall be revised if necessary to conform to the pooling criteria that actually exist. Pooling in one or more instances shall not exhaust Lessee's pooling rights hereunder, and Lessee shall have the recurring right but not the obligation to revise my unit formed hereunder by expansion or contraction or both, either before or after commencement of production, in order to conform to the well spacing or density pattern prescribed or permitted by the governmental authority having jurisdiction, or to conform to any productive acreage determination made by such governmental authority. To revise a unit hereunder, Lessee shall file of record a written declaration describing the revised unit and stating the effective date of revision. To the extent any portion of the leased premises is included in or excluded from the unit by virtue of such revision, the proportion of unit production on which royalties are payable hereunder shall thereafter be adjusted accordingly. In the absence of production in paying quantities from a unit, or upon permanent cessation thereof, Lessee may terminate the unit by filing of record a written declaration describing the unit and stating the date of termination. Pooling hereunder shall not constitute a cross-conveyance of interests.

9. Lessee shall have the right but not the obligation to commit all or any part of the leased premises or interest therein to one or more unit plans or agreements for the cooperative development or operation of one or more oil and/or gas reservoirs or portions thereof, if in Lessee's judgment such plan or agreement will prevent waste and protect correlative rights, and if such plan or agreement is approved by the federal, state or local governmental authority having jurisdiction. When such a commitment is made, this lease shall be subject to the terms and conditions of the unit plan or agreement, including any formula prescribed therein for the allocation of production.

10. The interest of either Lessor or Lessee hereunder may be assigned, devised or otherwise transferred in whole or in part, by area and/or by depth or zone, and the rights and obligations of the parties hereunder shall extend to their respective heirs, devisees, executors, administrators, successors and assigns. No change in Lessor's ownership shall have the effect of reducing the rights or enlarging the obligations of Lessee hereunder, and no change in ownership shall be binding on Lessee until sixty (60) days after Lessee has been furnished the original or duly authenticated copies of the documents establishing such change of ownership to the satisfaction of Lessee or until Lessor has satisfied the notification requirements contained in Lessee's usual form of division order. In the event of the death of any person entitled to shut-in royalties hereunder, Lessee may pay or tender such shut-in royalties to the credit of decedent or decedent's estate. If at any time two or more persons are entitled to shut-in royalties hereunder, Lessee may pay or tender such shut-in royalties to such persons or to their credit, either jointly, or separately in proportion to the interest which each owns. If Lessee transfers its interest hereunder in whole or in part Lessee shall be relieved of all obligations thereafter arising with respect to the transferred interest, and failure of the transferee to satisfy such obligations with respect to the transferred interest shall not affect the rights of Lessee with respect to any interest not so transferred. If Lessee transfers a full or undivided interest in all or any portion of the area covered by this lease, the obligation to pay or tender shut-in royalties hereunder shall be divided between Lessee and the transferee in proportion to the net acreage interest in this lease then held by each.

11. All express and implied covenants of this lease shall be subject to all federal, state, county or municipal laws, executive orders, rules and regulations, and Lessee's obligations and covenants hereunder, whether express or implied, shall be suspended at the time or from time to time as compliance with such obligations and covenants is prevented or hindered by or is in conflict with federal, state, county or municipal laws, rules, regulations or executive orders asserted as official by or under public authority claiming jurisdiction, an Act of God, adverse field, weather or market conditions, inability to obtain materials in the open market or transportation thereof, wars, strikes, lockouts, riots, or other conditions or circumstances not wholly controlled by Lessee, and this lease shall not be terminated in whole or in part, nor Lessee held liable in damages for failure to comply with any such obligations or covenants if compliance therewith is prevented or hindered by or is in conflict with any of the foregoing eventualities. The time during which Lessee shall be prevented from conducting drilling or reworking operations during the primary term of this lease, under the contingencies above stated, shall be added to the primary term of the lease.

12. If Lessor, during the primary term of this lease, receives a bona fide offer from a third party to purchase from Lessor a lease covering any or all of the substances covered by this lease and covering all or a portion of the land described herein, with such lease to become effective upon expiration of this lease, which Lessor is willing to accept from the offering party, Lessor hereby agrees to notify Lessee in writing of said offer immediately, including in the notice the name and address of the offeror, the price offered and all other pertinent terms and conditions of the offer. Lessee, for a period of fifteen (15) days after the receipt of the notice, shall have the prior and preferred right and option to purchase the lease or part thereof or interest therein covered by the offer at the price and on the terms and conditions in the offer. All offers made up to and including the last day of the primary term of this lease shall be subject to the terms and conditions of this Paragraph 12. Should Lessee elect to purchase the lease pursuant to the terms hereof, it shall so notify Lessor in writing by mail, telefax, or telegram prior to expiration of said fifteen (15) day period. Lessee shall promptly thereafter furnish to Lessor the new lease for execution by Lessor along with Lessee's sight draft payable to Lessor in payment of the specified amount as consideration for the new lease, such draft being subject to approval of title according to the terms thereof. Upon receipt thereof, Lessor shall promptly execute said lease and return same along with the draft to Lessor's bank of record for payment.

13. In the event Lessor considers that Lessee has not complied with all of its obligations hereunder, both express and implied, Lessor shall notify Lessee in writing, setting out specifically in which respects Lessee has breached this lease. Lessee shall then have sixty (60) days after receipt of said notice within which to meet or commence to meet all or any part of the breaches alleged by Lessor. The service of said notice shall be precedent to the bringing of any action by Lessor on said lease for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Lessee. Neither the service of said notice nor the doing of any acts by Lessee aimed to meet all or any of the alleged breaches shall be deemed an admission or presumption that Lessee has failed to perform all of its obligations hereunder. This lease shall never be forfeited or canceled for failure to perform in whole or in part any of its implied covenants, conditions, or stipulations until a judicial determination is made that such failure exists and Lessee fails within a reasonable time to satisfy any such covenants, conditions or stipulations.

14. Lessor hereby warrants and agrees to defend title conveyed to Lessee hereunder, and agrees that Lessee at Lessee's option may pay and discharge any taxes, mortgages or liens existing, levied or assessed on or against the leased premises. If Lessee exercises such option, Lessee shall be subrogated to the rights of the party to whom payment is made, and, in addition to its other rights, may reimburse itself out of any royalties or shut-in royalties otherwise payable to Lessor hereunder. In the event Lessee is made aware of any claim inconsistent with Lessor's title, Lessee may suspend the payment of royalties and shut-in royalties hereunder, without interest, until Lessee has been furnished satisfactory evidence that such claim has been resolved.

15. This lease and all its terms, conditions, and stipulations shall extend to and be binding on all successors in interest, in whole or in part, of said Lessor and Lessee.

16. With respect to and for the purpose of this lease, Lessor, and each of them if there be more than one, hereby release and waive the right of homestead.

17. The term oil as used in this lease shall include any liquid hydrocarbon substances which occur naturally in the earth, including drip gasoline or other natural condensate recovered from gas without resort to manufacturing process. The term gas as used in this lease shall include any substance, either combustible or non combustible, which is produced in a natural state from the earth and which maintains a gaseous or rarified state at ordinary temperature and pressure conditions, including but not limited to helium, nitrogen, carbon dioxide, hydrogen sulphide, gas produced from coal seams or any formations in communication therewith (herein called "coal seam gas"), casinghead gas and sulphur.

WITNESS our hands as of the day and year first above written.

Dennis E. Drake
DENNIS E. DRAKE, individual and as general partner of Drake Family Partnership LLLP



STATE OF COLORADO
COUNTY OF Weld : ss.

ACKNOWLEDGMENT

My Commission Expires July 5, 2009

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 29th day of August, 2005, personally appeared DENNIS E. DRAKE, to me known to be the identical person described herein, and who executed the within and foregoing instrument of writing and acknowledged to me that he duly executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My commission expires July 5, 2009

Travis Low
Notary Public