





1021638

**IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW**

*Plat of acreage attributable to a well in a prorated or spaced field*

**If the intended well is in a prorated or spaced field, please fully complete this side of the form.** If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - \_\_\_\_\_

Operator: \_\_\_\_\_

Lease: \_\_\_\_\_

Well Number: \_\_\_\_\_

Field: \_\_\_\_\_

Number of Acres attributable to well: \_\_\_\_\_

QTR/QTR/QTR/QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Location of Well: County: \_\_\_\_\_

\_\_\_\_\_ feet from  N /  S Line of Section

\_\_\_\_\_ feet from  E /  W Line of Section

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W

Is Section:  Regular or  Irregular

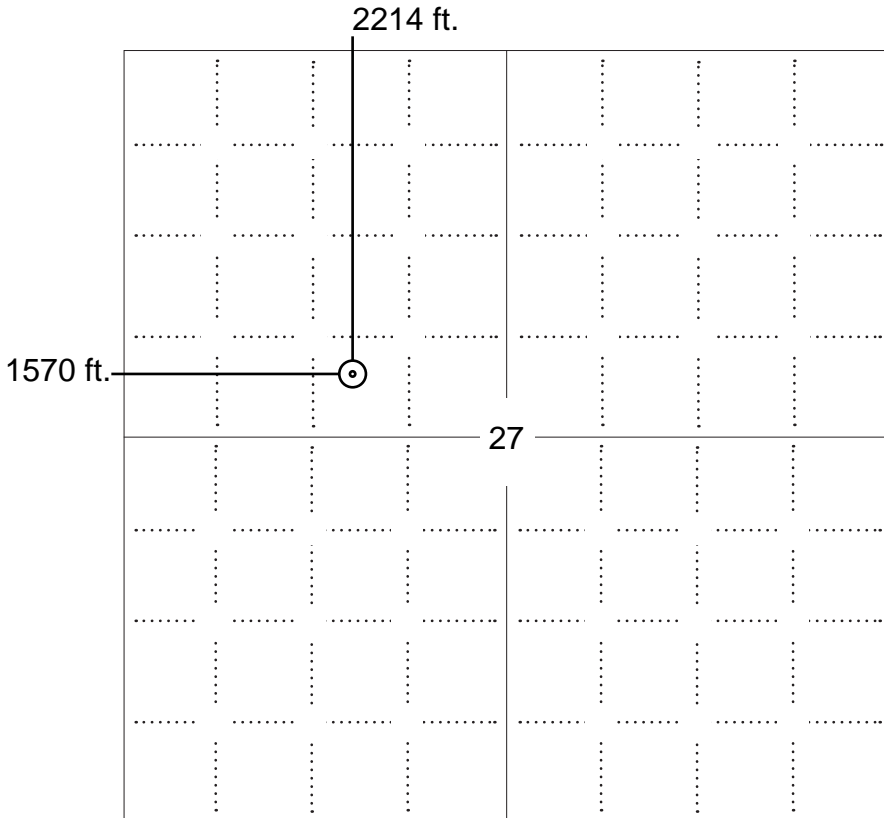
**If Section is Irregular, locate well from nearest corner boundary.**

Section corner used:  NE  NW  SE  SW

**PLAT**

*(Show location of the well and shade attributable acreage for prorated or spaced wells.)*

*(Show footage to the nearest lease or unit boundary line.)*



**NOTE: In all cases locate the spot of the proposed drilling locaton.**

**In plotting the proposed location of the well, you must show:**

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).



KANSAS CORPORATION COMMISSION 1021638  
OIL & GAS CONSERVATION DIVISION

Form CDP-1  
April 2004  
Form must be Typed

**APPLICATION FOR SURFACE PIT**

*Submit in Duplicate*

Operator Name: _____		License Number: _____	
Operator Address: _____			
Contact Person: _____		Phone Number: _____	
Lease Name & Well No.: _____		Pit Location (QQQQ): _____-_____-_____-_____	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?		_____	
Pit dimensions (all but working pits): _____ Length (feet)    _____ Width (feet)    _____ N/A: Steel Pits Depth from ground level to deepest point: _____ (feet)    _____ No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit _____ feet    Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: _____ measured    _____ well owner    _____ electric log    _____ KDWR	
<b>Emergency, Settling and Burn Pits ONLY:</b> Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ _____ Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			

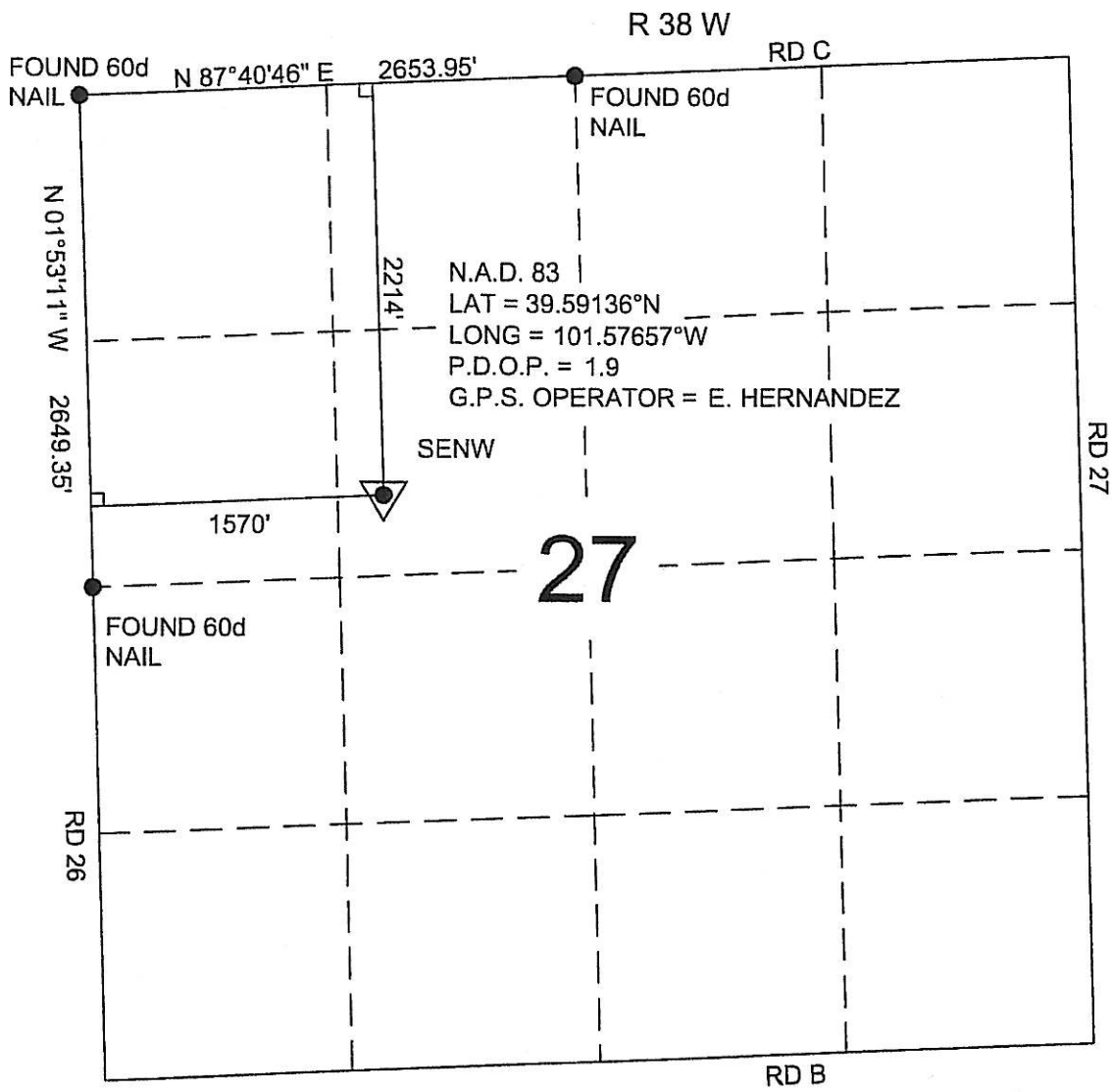
<b>KCC OFFICE USE ONLY</b>		Steel Pit	RFAC	RFAS
Date Received: _____	Permit Number: _____	Permit Date: _____	Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No	



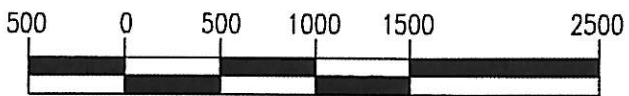




BASIS OF BEARINGS: THE WEST LINE OF THE NW QUARTER OF SECTION 27 AS SHOWN HEREON



T 5 S



SCALE 1"=1000'

POWER SURVEYING COMPANY, INC. OF FREDERICK, COLORADO HAS IN ACCORDANCE WITH A REQUEST FROM DAN CASPER OF NOBLE ENERGY DETERMINED THE LOCATION OF BURSCH 22-27 TO BE 2214' FNL & 1570' FWL OF SECTION 27, TOWNSHIP 5 SOUTH, RANGE 38 WEST OF THE 6th PRINCIPAL MERIDIAN, COUNTY OF CHEYENNE, STATE OF KANSAS.

**LOCATION NOTES:**

LOCATION FALLS IN: CORN FIELD  
IMPROVEMENTS: NONE WITHIN 200' OF LOCATION

ELEVATION DETERMINED FROM NAVD 1988 DATUM. GROUND ELEVATION = 3443'

DISTANCES AND BEARINGS ARE FIELD MEASURED UNLESS NOTED OTHERWISE.

**LEGEND:**

- SECTION CORNER (AS NOTED)
- ▼ PROPOSED WELL LOCATION



7800 MILLER DRIVE, UNIT C  
FREDERICK, CO 80504  
(303) 702-1617, FAX (303) 702-1488

WORK ORDER # 501-08-539  
FIELD DATE: 08-13-08  
DATE OF COMPLETION: 08-18-08

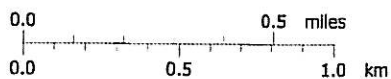


Map created with TOPO! ©2006 National Geographic; ©2005 Tele Atlas, Rel: 8/2005

101°35'00" W

101°34'00" W

WGS84 101°33'00" W



TN MN  
7 1/2°  
08/19/08



Ks/Neb/Colo  
Producers Form 88 - Paid Up

## OIL AND GAS LEASE

This Oil and Gas Lease (the "Lease") is dated July 1st, 2003 (the "Effective Date"). The parties to this Lease areRichard Bursch and  
Delores J. Bursch, his wifeas Lessor (whether one or more), whose address is HC 1, Box 60 - Bird City, KS 67731  
and J. Fred Hambright, Inc., as Lessee, whose address is, 125 N. Market, #1415, Wichita, KS 67202.

1. For the consideration of Ten and More (\$10.00 & more) Dollars, the receipt of which Lessor acknowledges, and Lessee's covenants and agreements in this Lease, Lessor grants, leases, and lets exclusively to Lessee, the lands described below (the "Lands"), with the right to unitize, pool, or combine all or part of this Lease with other lands or leases for the purpose of carrying on geological, geophysical, or other exploration work, core drilling and the drilling, mining and operating for, producing, and saving oil, gas, and other hydrocarbons, and for constructing roads, laying pipelines, building tanks, storing oil, building power stations, telephone lines, and other structures necessary or convenient for the economical operation of the Lands alone, or with adjacent lands, and to produce, save, and take care of the oil and gas produced. The Lands are

located in Cheyenne County, Kansas, and are described as follows:

✓ Township 5-South, Range 38-West  
Section 27: NW/4; SE/4

STATE OF KANSAS, CHEYENNE COUNTY

This instrument was filed for record on the

30<sup>th</sup> day of October, 200311:30 o'clock A.M. and recordedin Book 134, Page 348-350

Register of Deeds

The Lands are deemed to contain 320 acres for whether they contain more or less.

2. This Lease shall remain in force for a primary term of five (5) years (the "Primary Term") from the Effective Date and as long thereafter as oil, gas, or other hydrocarbons are, or can be produced from the Lands. On or before five (5) years from the Effective Date, if this Lease is not otherwise continued in force, Lessee, at its option may automatically renew this lease and extend the Primary Term for an additional five (5) year term if, on or before five (5) years from the Effective Date, Lessee tenders consideration to Lessor, in the amount equivalent to the initial bonus payment (per net mineral acre) as to the lands covered by this lease.

3. The royalties to be paid by Lessee are: (a) on oil and other liquid hydrocarbons, one-eighth (1/8<sup>th</sup>) of that produced and saved from said land, the same to be delivered at the wells, or to the credit of Lessor into the pipeline to which the wells may be connected; Lessee may from time to time purchase any royalty oil in its possession, paying the market price therefore prevailing for the field where produced on the date of purchase; (b) on gas and the constituents thereof produced from said land and sold or used off the premises or in the manufacture of products therefrom, the market value at the well of one-eighth (1/8<sup>th</sup>) of the product sold or used. On product sold at the well, the royalty shall be one-eighth (1/8<sup>th</sup>) of the net proceeds realized from such sale. All royalties paid on gas sold or used off the premises or in the manufacture of products therefrom will be paid after deducting from such royalty Lessor's proportionate amount of all post-production costs, including but not limited to gross production and severance taxes, gathering and transportation costs from the wellhead to the point of sale, treating, compression, and processing. On product sold at the well, the royalty shall be one-eighth (1/8<sup>th</sup>) of the net proceeds realized from such sale, after deducting from such royalty Lessor's proportionate amount of all of the above post-production costs and expenses, if any. Where there is a gas well or wells on the Lands subject to this Lease or lands pooled with the Lands, whether before or after the Primary Term, and the well or wells are shut-in and there is no other production, drilling operations or other operations being conducted on the Lands capable of keeping this Lease in force under any of its terms or provisions, Lessee may pay as royalty to Lessor (and if within the Primary Term such payment shall be in lieu of delay rentals) the sum of \$1.00 per year per acre of the Lands then subject to this Lease (the shut-in royalty). Payments of shut-in royalty are to be made to the depository, named above or directly to Lessor as shown, on or before the anniversary date of this Lease following the expiration of 12 months from the date a well or the wells are shut-in, and if the wells remain shut-in following the anniversary date of this Lease during the period the wells are shut-in. Upon payments being made this Lease shall be deemed to be maintained in full force and effect.

4. If at any time prior to the discovery of oil or gas or other hydrocarbons on the Lands, and during the Primary Term, Lessee drills a dry hole or holes on the Lands, this Lease shall not terminate, provided operations for the drilling of a well shall be commenced by the next ensuing Rental Paying Date, or Lessee begins or resumes the payment of Rentals.

5. If Lessor owns a lesser interest in the Lands than the entire and undivided fee simple estate in the minerals, any royalty and Rentals which may be due or payable shall be paid to Lessor only in the proportion which Lessor's interest bears to the whole and undivided fee. Lessee's failure to proportionately reduce Rentals shall have no effect on the right to reduce royalties to correspond with Lessor's actual interest in the mineral estate in the Lands.

6. Lessee is granted the right to use, free of cost, gas, oil, and water found on or under the Lands, for all of Lessee's operations, except water from Lessor's wells. When required by Lessor, Lessee will bury its pipelines crossing those portions of the Lands that are under cultivation below ordinary plow depth, and pay for damages caused by its operations to growing crops on the Lands. No well shall be drilled nearer than 200 feet to any house or barn located on the Lands on the Effective Date without the written consent of Lessor. Lessee has the right at any time during or after the expiration of this Lease, to remove all machinery, fixtures, buildings, and other structures placed on the Lands, including the right to draw and remove all casing.

7. If the estate of either party is assigned, the privilege of assigning in whole or in part being expressly allowed, the terms of this Lease shall extend to the party's heirs, devisees, executors, administrators, successors, and assigns. No change of ownership in the Lands, Rentals or royalties, or any sum due, or the depository address of Lessor, under this Lease shall be binding on the Lessee until 60 days after it has been furnished with written notice of the change accompanied by the original recorded instrument or certified copy of the conveyance, a certified copy of the Will and probate proceedings of any deceased owner, or a certified copy of the proceedings showing the appointment of an administrator of the estate of any deceased owner, whichever is appropriate, together with all recorded instruments of conveyance or certified copies necessary to show a complete chain of title to the interest claimed. All advanced payment of Rentals made before the end of the 60-day period following Lessee's receipt of documents shall be binding on any direct or indirect assignee, grantee, devisee, administrator, executor, or heir of Lessor.

8. No change or division in the ownership of the Lands, Rentals, or royalties, however accomplished, shall enlarge the obligation or diminish the rights of the Lessee. In the event of an assignment in whole or in part by Lessee, the liability for breach of any obligation of this Lease shall rest exclusively on the owner of the portion of the Lease committing the breach. Lessee has no obligation to offset wells on separate tracts into which the Lands may be divided by sale, devise, descent or otherwise, or to furnish separate measuring devices or tanks. If this Lease is assigned as to a segregated part or parts of the Lands and the holders or owners of any part is in default in the payment of the proportionate part of the Rentals due, the default shall not operate to affect this Lease insofar as it covers a part of the Lands on which Lessee or any other assignee makes timely payment of Rentals. If six or more parties become entitled to royalty payments, Lessee may withhold payment until furnished with a recordable instrument executed by all the parties designating an agent to receive payment of royalties for all the parties.

9. Lessor warrants and agrees to defend title to the Lands and agrees Lessee, at its option, may pay and discharge in whole or in part any taxes, mortgages or other liens existing, levied or assessed on or against the Lands. If Lessee exercises this option it shall be subrogated to the rights of any holder or holders of the liens or claims and may reimburse itself by applying to the amounts paid to discharge any mortgage, tax or other lien, any royalty, shut-in royalty, or Rentals accruing to the account of Lessor.

10. If Lessee commences operations for drilling at any time while this Lease is in force, this Lease shall remain in force and its terms shall continue so long as those operations are prosecuted. If production results from the operations, the Lease shall remain in effect as long as production continues.

11. If, during the Primary Term, production on the Lands ceases from any cause, this Lease shall not terminate provided operations for the drilling of a well are commenced before or on the next ensuing Rental Paying Date; or, Lessee begins or resumes the payment of Rentals in the manner and amount provided in paragraph 5 above. If after the expiration of the Primary Term, production on the Lands ceases from any cause, this Lease shall not terminate provided Lessee resumes operations for drilling a well or commences reworking operations on a well within one hundred and eighty (180) days from the date of cessation of production. This Lease shall remain in force during the prosecution of the operations and, if production results or resumes, as long as production continues.

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12. At any time Lessee may surrender this Lease in whole or in part by delivering or mailing a release to the Lessor, or by placing the release of record in the county where the Lands are located. If the Lease is surrendered on only a portion of the Lands, all payments and liabilities that accrue as to the released portion of the Lands shall cease and any subsequent Rentals that may be paid may be apportioned on an acreage basis. As to the portion of the Lands not released, the terms and provisions of this Lease shall continue and remain in full force and effect for all purposes.

13. All provisions of this Lease, express or implied, shall be subject to all federal and state laws and the orders, rules, or regulations of all governmental agencies administering them. This Lease shall not in any way be terminated in whole or in part, nor shall Lessee be liable in damages for failure to comply with any of the express or implied provisions of this Lease if the failure results from any such laws, orders, rules or regulations. If Lessee is prevented from drilling a well during the last six months of the Primary Term by the order of any constituted authority having jurisdiction, or if Lessee is unable during that period to drill a well due to the unavailability of necessary equipment, the Primary Term of this Lease shall continue for six months after the order is suspended and/or the equipment is available. Lessee shall pay Rentals during this extended time.

14. Lessee, at its option, is granted the right and power to voluntarily pool, unitize, or combine all or any portion of the Lands as to oil and/or gas, with any other adjacent lands, or leases, when in Lessee's judgment it is necessary or advisable to do so in order to properly develop and operate the Lease, or to obtain the maximum production allowable for any well. Unless larger units are permitted, pooling may be in units not exceeding forty (40) acres for an oil well plus a tolerance of 10%, and 640 acres for a gas well plus a tolerance of 10%. Larger units may be created to conform to any spacing or well unit pattern that may be prescribed by governmental authorities. Lessee or Lessee's agent, shall record in the county where the Lands are located an instrument identifying the unit and describing the pooled acreage. All acreage pooled into a unit shall be treated for all purposes, except the payment of royalties, as if it were included in this Lease. Drilling or reworking operations, production of oil, gas, or other hydrocarbons, or the completion of a well as a shut-in gas well shall be considered for all purposes, except the payment of royalties, as if the operations were on, the production from, or the completion were on the Lands, whether or not the well or wells are located on the Lands actually covered by this Lease. In lieu of the royalty provided in this Lease, including shut-in gas royalties, Lessor shall receive from a unit only that portion of the royalty provided for in this Lease, as that portion of the Lands placed in the unit, or bears to the total amount of acreage included in a Unit.

**15. See Rider attached hereto and made a part hereof.**

*This Lease and all its terms, covenants, and conditions shall extend to and be binding on all successors, grantees and assigns of Lessor and Lessee.*

This Lease is executed by Lessor as of the date of the acknowledgment of Lessor's signature, but shall be deemed effective for all purposes as of the Effective Date stated above.

Richard Bursch  
Richard Bursch SS#  
524-38-1457

LESSOR

Delores J. Bursch  
Delores J. Bursch

**Acknowledgment For Individual**

STATE OF Kansas

COUNTY OF Cheyenne

Before me, the undersigned, a Notary Public, within and for said county and state, on this 1st day of July, 20 03, personally appeared Richard Bursch and

Delores J. Bursch, his wife

to me personally known to be the identical person(s) who executed the within and foregoing instrument and acknowledged to me that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.

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

My commission expires 02-02-04

**Acknowledgment For Corporation**

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

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

Be it remembered that on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned, a Notary Public, duly commissioned, in and for the county of \_\_\_\_\_ and State of \_\_\_\_\_

came \_\_\_\_\_, \_\_\_\_\_ president of \_\_\_\_\_

a corporation of the State of \_\_\_\_\_, personally known to me to be such officer, and to be the same person who executed as such officer the foregoing instrument of writing in behalf of said corporation, and he duly acknowledged the execution of the same for himself and for said corporation for the uses and purposes therein set forth.

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

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

Notary Public

Michael Owen  
Notary Public

Michael Owen





Attached and made a part of a certain oil & gas lease between Richard Bursch and Delores J. Bursch, his wife as Lessors and J. Fred Hmbright, Inc., as Lessee, dated July 1st, 2003.

## Rider

If the lands covered hereby are irrigated by the use of a self-propelled overhead sprinkler system, presently in operation or installed hereafter, the Lessee, prior to conducting operations hereon, shall consult with the Lessor in regard to said drilling operations. Said operations shall be conducted in such a manner as will least disturb or interfere with Lessor's irrigation system or the surface contours of the leased premises. Should any alterations to the surface contours be caused by its operations, Lessee, or his assigns, shall restore said surface contours to their former condition as nearly as is practicable. In the event of production and continued use of the surface, Lessee, or his assigns, will restore or prepare the surface and situate and install all equipment needed in connection therewith, so that Lessee's use will not interfere with the passage of said over-head sprinkler irrigation system. Lessee shall consult with Lessor in regard to the route of ingress and egress on said premises for the purpose of drilling and production.

Lessor shall have the right to take, in kind, lieu of money royalty, gas produced from any gas well drilled on the land herein described or on any land which is unitized, solely for use as fuel to pump water for irrigation of crops grown on the land herein described or on other lands farmed by Lessor; which right shall be subject to the following terms and conditions:

- (1) The quantity of gas taken shall not exceed the fraction of gas produced each month which Lessor is entitled to receive as royalty from gas produced from such well, and a corresponding reduction shall be made in gas royalty payments under the terms of this lease. The value of said gas based upon wellhead price.
- (2) Any gas so purchased by Lessor shall be purchased at a point designated by Lessee at or near the mouth of the well.
- (3) The Lessee shall install, operate and maintain at or near said designated point all connections, regulators and meters necessary to control and measure such gas, at the sole cost of Lessor.
- (4) All such meters and appurtenant equipment shall remain the property of Lessee. Lessor, at his own risk and expense and at locations that will not interfere with Lessee's lease operations, shall install, operate and maintain the line necessary to service engine operating the pumping equipment.
- (5) The equipment and facilities used in the purchase measurement and transportation of such gas and utilization and operation thereof shall at all times be in compliance with all reasonable current requirements of Lessee. Lessor will at all times hold Lessee harmless from all claims and liabilities arising from the taking, transportation and use of such gas.
- (6) Nothing herein contained shall operate by implication to enlarge or increase the obligations which Lessee would have in the absence of this section as to the operation of said well or impair any right it would otherwise have to determine the quantity of gas it shall produce at any particular time; and the purchase, transportation and use of such gas shall be without interference with or danger to Lessee's property or its rights and operations under the lease.
- (7) Should a breach of Lessor's obligation occur under this paragraph, Lessee shall notify Lessor in writing of such breach and Lessor shall remedy same within thirty (30) days, or Lessor's privilege, hereunder, to purchase such gas shall be revoked.
- (8) The wellhead price hereunder shall be the price per Mmbtu, including all escalations, adjustments and allowances, received by Lessee for the sale of its gas produced from leased premises.
- (9) It is understood that the gas supplied to Lessor is raw gas as produced at the well, and Lessee shall have no obligation to odorize the same; that the gas may contain water, natural gasoline or other liquids; that the pressure at the delivery point may fluctuate, and Lessor assumes the risk thereof.

The leased premises is now under flood irrigation. At such time as Lessee desires to commence drilling operations thereon, Lessee shall consult with Lessor in regard to and shall conduct its operations in such a manner as will least disturb, interfere with, or damage Lessor's irrigation system or the surface contours of the leased premises. Lessee shall promptly restore any damage caused by it to said irrigation system and/or surface contours to their former condition as nearly as possible. In the event of production and continued use of the surface, Lessee will restore or prepare the surface so that Lessee's use thereof will not prohibit use of remaining ground. Lessee shall consult with Lessor in regard to the route of ingress and Egress on said premises for the purpose of drilling and production as to use of the surface for such ingress and egress.

Notwithstanding any provisions of this Lease, or any wording contained in this Lease such as "the Lands", "the Lease", "leasehold", or any similar terms, each of the separately designated Tracts to this Lease shall be treated for all purposes as a separate and distinct Lease. All of the provisions contained in this Lease shall be applicable to each separate Tract and be construed as if a separate Lease Agreement had been made and executed covering separate tract.

Richard Bursch

Richard Bursch

Delores J. Bursch

Delores J. Bursch