Will be in AP in 10 dg.

## The Valuation and Individual Tax Implications of the Barnet Shale and the Statewide Oil and Gas boom.

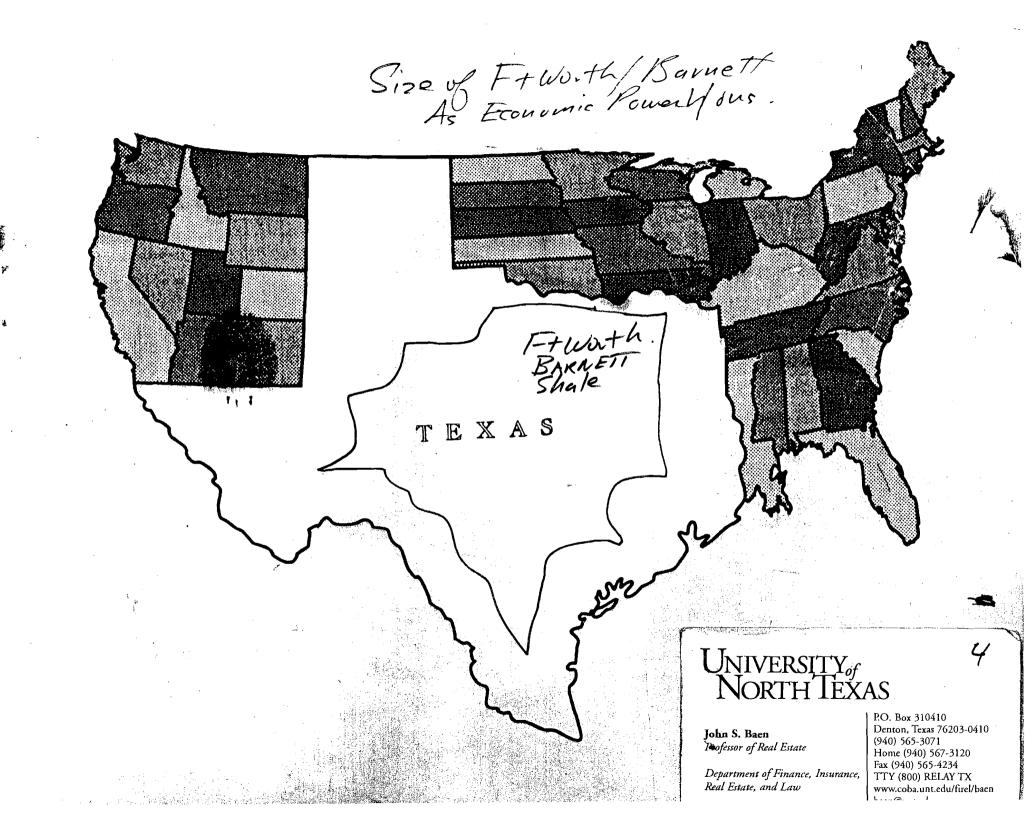
#### By John S Baen Ph.D.

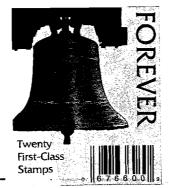
Blessings of various income from the oil and gas boom, also comes the "curses" of those pesky taxes that help keep this great country, state, counties, cities, and school districts running. The only thing worse than no cash or having no direct income from the oil and gas boom, is getting lease bonus money, damages money, and royalty payments...and being ignorant about your taxes that are due at the end of the year! Worse yet, not realizing that these income blessings are all taxable, if not NOW, eventually.

People, God love them, tend to take complicated tax laws and over simplify them or get them totally wrong. I am not a CPA, not a lawyer, however am wise enough to know I need one of each in my life to maximize my income and honestly <u>defer</u>, <u>reduce</u>, or <u>avoid</u> altogether my federal, state and local taxes.

The valuation of pipeline rights of ways and mineral rights, (undeveloped, leased, drilled/producing, partially developed or fully developed) is important for many reasons and the conclusions require multiple approaches to estimate their value depending on the intended use and purpose of the appraisal. Every mineral/royalty owner will be faced with the valuation of their rights by local, state, and federal taxing authorities and always wonder how much they are really worth when those offers to buy their rights come in the mail from those "fly by nighters" for 36 months of income!

Peyle Ave Mt Interested Until! - Pinhor which has an income stream from E income plus potential Mineral Rig oil and gas producing zones). your mineral estate will be values onsidering the value of all your 35-55% on monies you or your bonds, etc) your estate could eas 10,000/month royalty checks an ecause of the value of your roy to spend in my life? nestion: How can I reduce th You are likely was Time your death carefi expires and greatly deany given year throug Deed your minerals t and minerals) is a v mineral deed (\$35 lessings, but taxes IRS basis or rema permission, bu





IT WILL ONLY IAKE A MINUTE. I started not to do this, but as I read it.... I understood God to say, 'You need a miracle tomorrow.... so here goes... Prov. 29:25...

You never know when God is going to bless you!! Good things happen when you least expect them to !!!!!!!

Dear Gord, I thank You for this day, I thank You
For the BARNETT SUNCE
in North Texas

There are Only Two (2)

things for Contam

1) Death

2) NOW Wise

1) Planning

\* Not Taxes 2) Good China
3) Feed Prince
4) Feed Pr

"Africa is going to have a hard time taking on another 1 billion people." — Carl Haub, population study

## World population projected to hit 9 billion by 2050

By GENARO C. ARMA THE ASSOCIATED PRESS

WASHINGTON — Africa's population could soar by more than 1 billion by 2050, further raining food and water supplies and social services in areas a ready struggling, according to a report released Tuesday.

The latest World Population £ata Sheet estimates that the global population will rise 46 percent between now and 2050, ∢o about 9 billion, a level also predicted by the United Nations and other groups.

Political unrest and war have limited many developing nations' ability to promote family planning and literacy programs, said Carl Haub, author of the study released by the Population Reference Bureau, a private research group.

🛴 In many developing countries, big families are the norm. African governments, especially

POPULATION Most grown is expected Most growth

to be in poorer and developing nations that are already struggling to meet human needs, a report says.

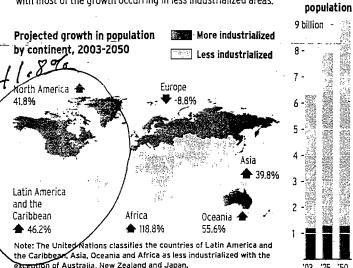
those of sub-Saharan nations, will need to create millions of jobs and improve health care facilities and schools, the report

"Africa is going to have a hard time taking on another 1 billion people," Haub said. "How do you raise living standards, how do you educate, improve health care, and how do you battle AIDS at the same time?"

European nations, more industrialized and prosperous. are expected to lose population because of falling birth rates and low immigration. The researchers included all of Russia in calculating projections for

The future of the world population

World population is projected to increase 46 percent by 2050, with most of the growth occurring in less industrialized areas.



SOURCES: Population Reference Bureau; ESRI

THE ASSOCIATED PRESS

Europe; traditionally. Russia east of the Ural Mountains is considered part of Asia.

The U.S. population is expected to grow 45 percent to 422 million by 2050, paced by a stable birth rate and high immigration levels.

But most of the world's growth will be in developing nations. India's population is estimated to grow 52 percent to 1.6 billion by 2050, when it will surpass China as the world's most populous country.

The population in neighboring Pakistan is projected to grow to 349 million by 2050, up 134 percent. Triple-digit growth rates are also forecast for Iraq, Afghanistan and Nepal.

Africa is expected to more than double in population, to 1.9 billion by midcentury.

The population in Congo, which has been torn by civil war, could more than triple during the same period to 181 million. ONLINE: Population Reference Bureau. www.prb.org













World



Dr. John Baen's Look at the Barnett Shale of the Fort Worth Basin

Summary to January 1, 2008

Number of Producers: 8,960 Wells Horizontal Wells: 4,982 Wells

Vertical Wells: 3,978

**Cumulative Production:** 

3.69 Trillion Cubic Feet Gas + 11,596,245 BO

Total Production in 2007: 1.115 Trillion Cubic Feet Gas + 3,030,727 BO

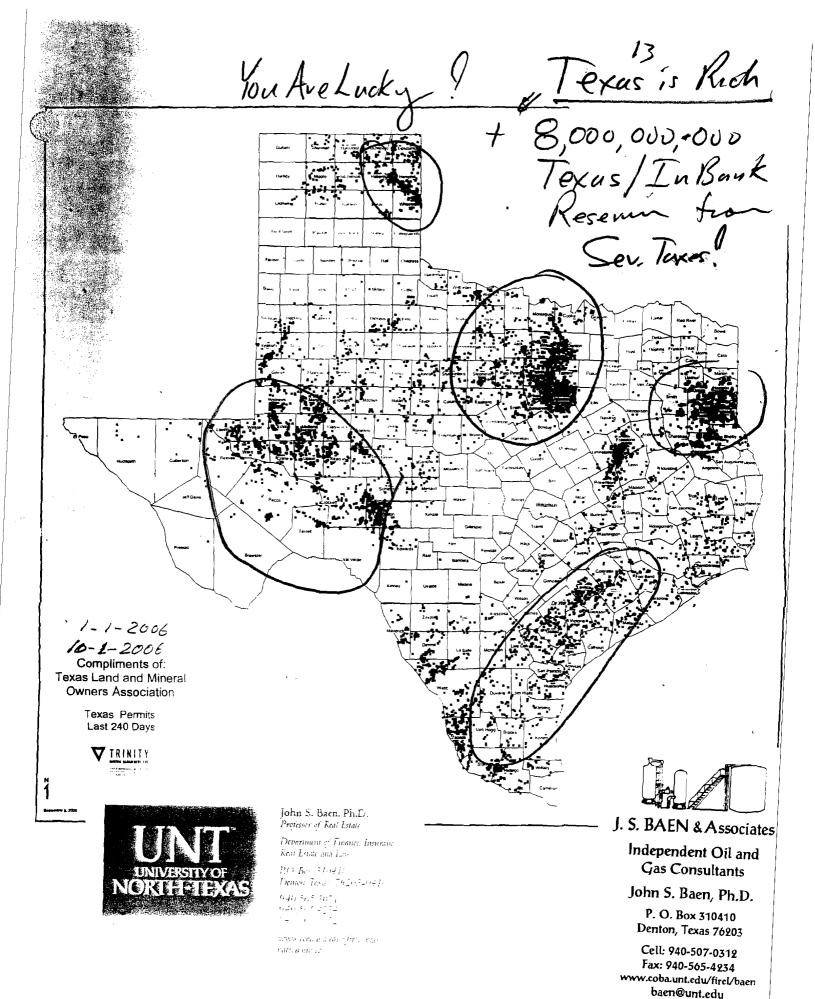
Daily Production – Dec. 2007: 8,435 Active Wells: 3.524 Billion Cubic Feet Gas Per Day + 7,477 BO Per Day

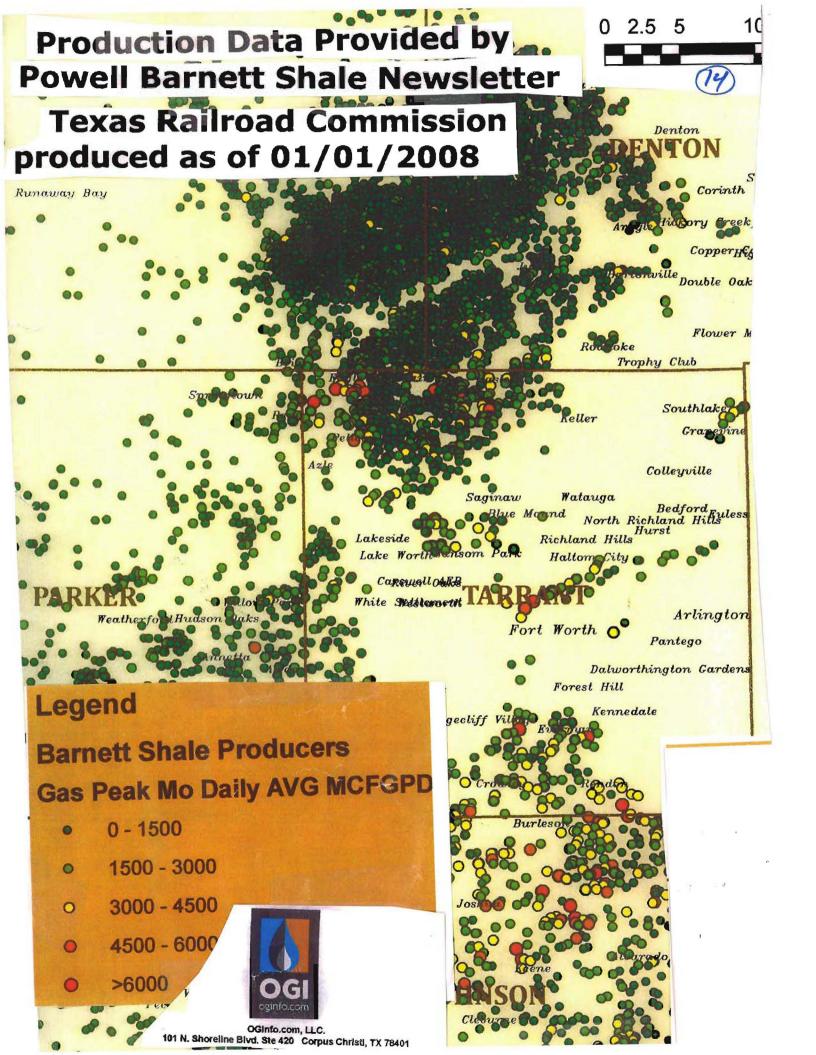
493 Horizontal Wells Had Peak Month Daily Average
Production of 3+ Million Cubic Feet Gas Per Day
Biggest Well: EOG / Fowler #4H, Johnson Co.: 8.635 MMCFGPD
The 20 Counties that have produced gas and/or oil from the
Barnett Shale in the Fort Worth Basin

Bosque	Ellis	Montague
Clay	Erath	Palo Pinto
Comanche	Hamilton	Parker
Cooke	Hill	Somervell
Dallas	Hood	Tarrant
Denton	Jack	Wise
Eastland	Johnson	

Dil + Gas Related 9

Inrane / Examen/Value
Taxos (1) Bonns 3 Kenouna (3) Advanced Roy a/time (4) Royaltina (5) ORRI/Surface Ounces with nithout D Seinner Paymonts (2) Sale of wester (8) Other Sottlement (9) 5ale on Louise Compressons, 2





## Simplified 1040

New YEAR!

Latest Revision for:

1040

Federal Income Tax Form

Department of the Internal Revenue Service

RETURN

Your Social Security Number Part 1: Income 1. How much money did you make last year? 2. Send it in . . . . . . . . . . . . . If you have any questions or comments, please write them in the box provided...

**Nation & world** 

- CAME

**ENERGY** 

Good Bad. Loss Royalty for You

## Windfall tax effort stalls

"Big Oil+ Royalty"

SUSAN WALSH/The Associated Press

is failed Tuesday in their bid to move along a bill that would have taxed the extra profits of large oil companies. Listening to a ons were (from left) Jeff Bingaman, Charles Schumer, Max Baucus, Bernard Sanders and Claire McCaskill.

## rats fail to stop debate on bill aimed at Big Oil's profits

N — Senate Republicans held nst a Democratic-led attempt to ofits of the biggest oil U.S. come tighter regulations on energy

bate on the bill failed to reach the The tally was 51-43.

uld have rolled back oil industry 17 billion over 10 years and used eate tax incentives for producers other alternative energy sources.

president to declare an energy

emergency if there is a shortage, disruption or significant price irregularity in the oil market. Companies would be subject to civil penalties if they set excessive prices during such an emergency.

■ Stopped oil traders from using offshore markets to avoid speculative limits.

■ Let the attorney general bring price-fixing charges against any country or company that is conspiring to set the price of oil.

GOP senators shoved aside the Democratic proposal, arguing that punishing Big Oil won't do a thing to lower the \$4-a-gallon price of gasoline that is sending economic shock waves across the

country.

"Americans are furious about what's going on," said Sen. Byron Dorgan, D-N.D. He said they want Congress to do something about oil company profits and the "orgy of speculation" on oil markets.

But Republican leaders said the Democrats' plan would do harm rather than good — and they kept the legislation from being brought up for debate and amendments.

Sen. Mary Landrieu of Louisiana was the only Democrat opposing the bill.

Cox News Service, The Associated Press

## Oil prices

rotroat \$2

\$131.31 a barrel on the New York Mercantile Exchange.

The report calmed a market that earlier sent oil up more than \$3 on a projection by the International Energy Agency that said global demand will continue to rise, especially in China.

The IEA, in its own monthly report, cut its demand growth forecasts, projecting that global demand for petroleum products such as gasoline, diesel and heating oil will grow 0.9 percent, or 800,000 barrels a day, in 2008. That's down from the 1.2 percent, or 1 million barrels, the IEA forecast earlier this year.

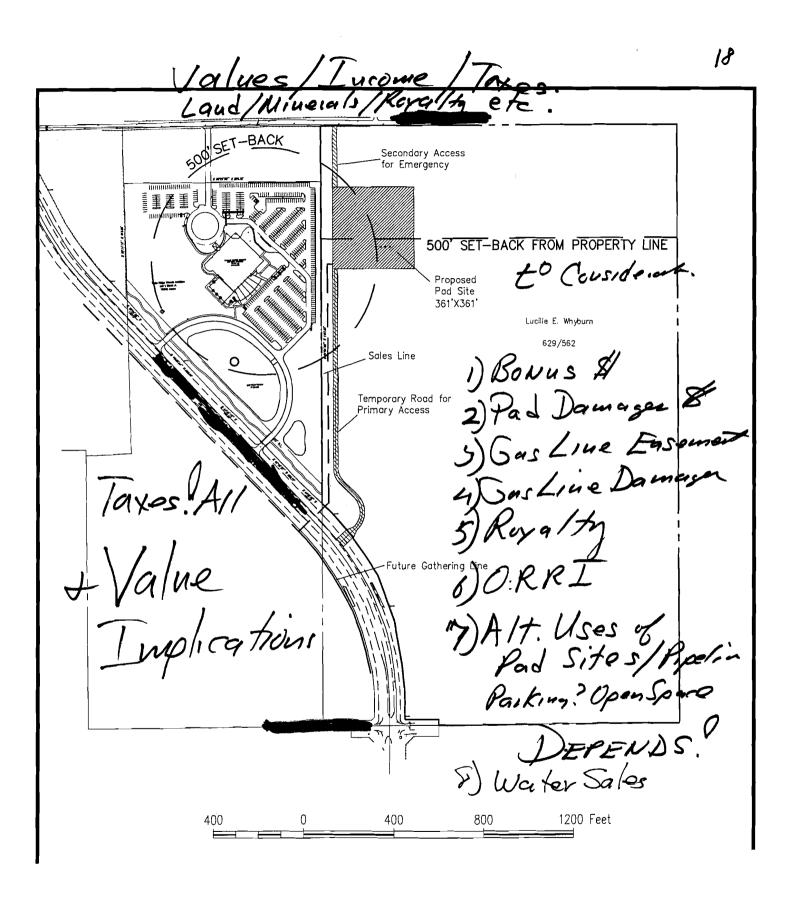
The Associated Pre

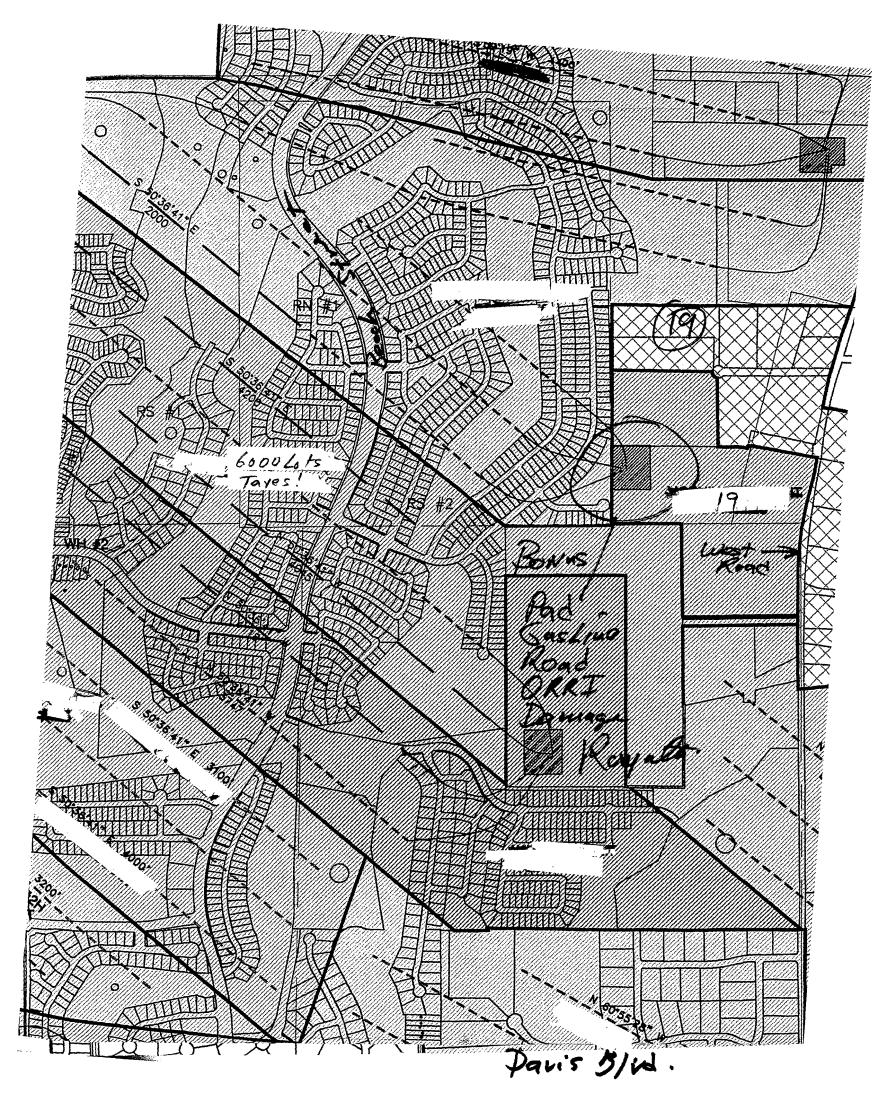
odity markets under review

At these prices, you'd walk, too

orce to investigate how forces are affecting oil

While gasoli





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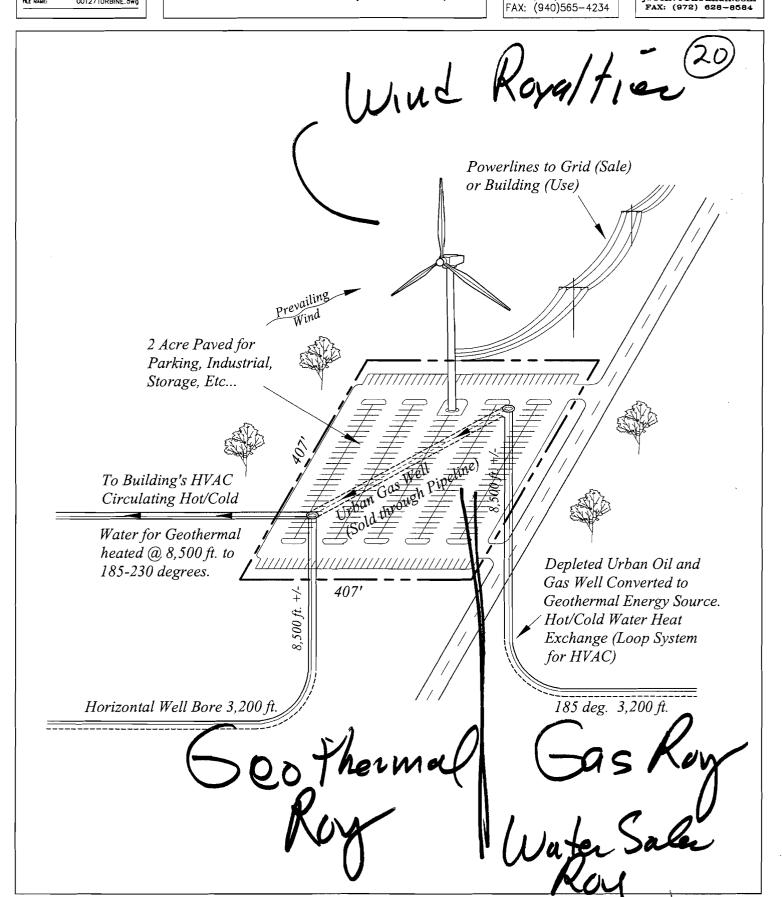
Traditional Urban Energy Farm 2 Acre Multiple Uses and Energy Production Methods

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2/

GENERAL WARRANTY DEED

Water Royalties?

Date:

Grantor:

Grantor's Mailing Address: [include county]

Grantee:

Grantee's Mailing Address: [include county]

Consideration:

Cash and other good and valuable consideration.

Property:

All groundwater, being all groundwater, percolating water, artesian water and other waters from any and all reservoirs, formations, depths and horizons beneath the surface of the earth in and under or that may be produced from the real property more particularly described on Exhibit "A" attached hereto and incorporated herein.

Reservations from Conveyance:

NONE

Exceptions to Conveyance and Warranty:

NONE

Grantor, for the Consideration and subject to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty, grants, sells, and conveys to Grantee the Property, together with all and singular the rights and appurtenances thereto in any way belonging, to have and to hold it to Grantee and Grantee's heirs, successors, and assigns forever. Grantor binds Grantor and Grantor's heirs and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, successors, and assigns against every person whomsoever lawfully claiming or to claim the same or any part thereof, except as to the Reservations from Conveyance and the Exceptions to Conveyance and Warranty.

John S. Baen, Ph.D. Professor of Real Estate

Department of Finance, Insurance, Real Estate and Law

P.O. Box 310410 Denton, Texas 76203-0410

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**IOHN S BAEN** 

This is to certify attendance at the "Water Rights Sales and Transfers" seminar presented March 29, 2007 in Fort Worth, TX.

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This seminar has been approved by the Construction Specifications Institute for 0.60 hours of continuing education credit. Program Number: CEU-LES-06-057.

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372623

Please do Listen and Belever - J= in Your Attorney, CPA, Estate Planner Tax Adusin. 1) I am Not a Lauger 2) I am Not a CPA 3) I am Not a Cost. Finance Plans 4) I am an Egg Hoad School Teacher with Paying a Lot of Things

Duhich is a Good Thing Please Use there ideas with Hour Professioned And Loud Zuck!

The basic over simplified version of oil and gas associated income and tax issues are as tollows:

### Bonus Payments at signing of a lease:

This Taxable income in the year received and is added to your other ordinary income.

**Question:** Could you defer, not sign the lease until January? This could delay taxes until the following year.

1) Up Front Bonus

2) Delayed Routal / Extension,

3) Other. - includes a diell site? Yes No.

4) Bonus vs Term - 1, 2, 3, 5 years

Varies widely Royalty To

Varies Widely Soudies

"Market vs Improvements.

Left Out? Improvements.

### 2. Well-site damages on your land

Can be claimed as ordinary IRS income or preferably treated as "damages" that reduce your basis or cost/price paid at the time you acquired the property. While still reportable, this changes the "value" of the damage payment and converts the "income" from ordinary income to capital gains (taxed at 15% in 2008) when and if the property is sold. The theory is that a well site "destroys" the use/value of the acreage by the amount of privately negotiated damages and the market value of the land.

## DRILLING & PRODUCTION

In August 2004,
Beeville-based Dan A.
Hughes Co. pumped a
large hydraulic fracture
job in the prolific Barnett
shale of North Texas. The
Barnett is a tight shale
that is the source for the



largest gas field in Texas. It consists of an upper section and a thicker lower section with five lobes: A, B, C, D, and

E.

Barnett shale wells were historically drilled vertically, but now it's common to drill laterally, with the kickoff at the top of the upper Barnett section, says Lee Roy Hoskins, a petroleum engineer at Dan A. Hughes.

Hughes drilled a horizontal well

(City of Denton Airport No. 2H) in
Denton County, Tex., using San Antonio-based Pioneer Drilling Co. Inc. The
company's Rig No. 23 drilled to
11,000 ft in 34 days, including an
1,800 ft lateral section, and reached the
lower Barnett shale target at about
8,700 ft TVD. The well was completed

with 7-in. diameter, 29 lb/ft, P-110 casing and 2%-in. tubing.

The frac was designed by Jeff Ilseng (Hughes's operations manager), Hoskins, Lee Matthews (consultant), and Dave Pronger (Halliburton Corp.) A total volume of 130,000 bbl was pumped into the E-lobe of the lower Barnett in three stages on 3 consecutive days. Each stage was pumped at a rate of 200 bbl/min at an anticipated well-head tubing

head tubing pressure (WHTP) of about 8,000 psi The maximum pressure observed dur-

ing this job was about 8,400 psr and the maximum rate achieved was 212

Hoskins told OGJ that it was one of the largest assemblies of hydraulic horsepower (hhp) capability for a Barnett shale frac, with a pump rate about 30-40% higher than frac jobs on simiFrom N

Small operator pumps big fractin North Texas Barnett shale

61,000 Horsepous 837,000 # of Sand 130,000 BBS of Water

Nina M. Rach
Drilling Editor

33 FRAC-D Trucks.

34 61000 Horse Power

20 FRA'E Tanks + 150,000 ASE

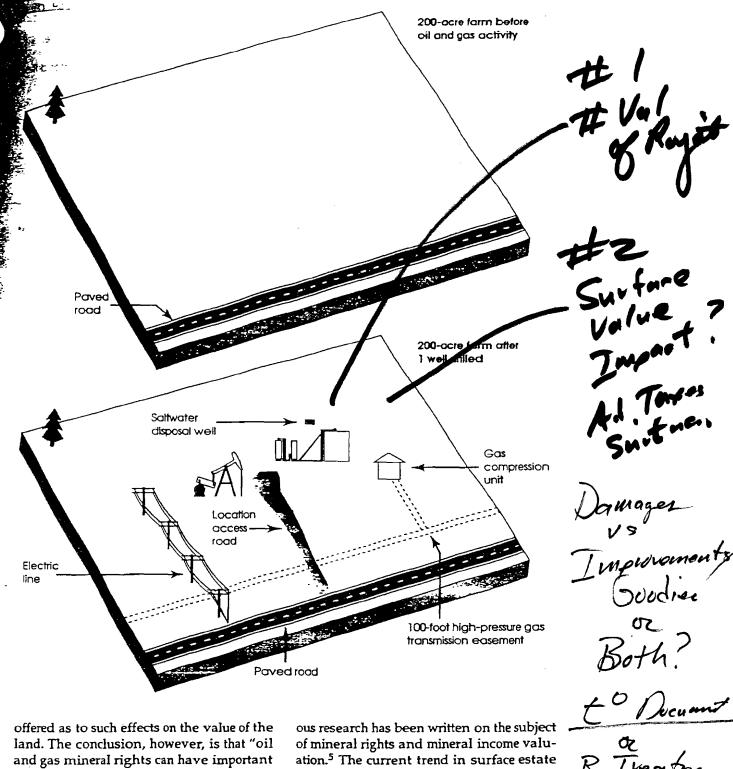
Halliburton assembled 34 pump trucks for the Barnett shale frac job in August 2004 (Fig. 1; photo from Halliburton Corp.).

4 Million 13 Gara Sept 2007 2.5 Million 5 month = Teb 2005 4,000 MCF

7"dasing Size is



2.5MCF



implications on the valuation of the surface rights being appraised."4 Most of the previresearch is in the environmental impact realm and tends to be from the new envi-

4. Ibid., 215.

<sup>5.</sup> Philip, Grossman, "The Valuation of Land with Underlying Natural Resources," The Appraisal Journal (April 1935): 236-241. See also, H. J. Gruy and F. A. Garb, "Determining the Value of Oil and Gas in the Ground," World Oil (March 1982): 105-108; Walter Priddy, "Oil Property Evaluation," (Fort Worth, Texas: Pritchard and Abbott Inc., 1986): 1-14; and Anthony J. Rinaldi, "A Review of Hoskold and the Valuation of Mineral Property," The Appraisal Journal (October 1981): 578.

- 1. Filing of the Oil and Gas Lease
  - A. Actual notice of pending activity and potential surface disruption. Filed in county/province, (Surface owner not generally notified until well is drilled.)
  - B. Current and future development plans need to be forwarded immediately to oil operator/diller to reduce negative influences to the future highest and best use of surface.
- II. Preliminary Activities Before Drilling Well
  - A. Seismograph activities are becoming more prevalent utilizing 3-D subsurface mapping of all formation. Surface activities include dozing and drilling in strips across the property.
  - B. Planning the location of the drill site.
    - 1. Best geological site versus optimal surface location.
    - 2. Source of optimal surface location water for drilling well.
    - 3. Access road planned with long-term implications considered.
    - 4. Drill site planned.
    - 5. Environmental implications and plan.
    - Surface owner/tenant notification planning, negotiation, and compensation for first well site only.
  - C. Multiple well locations/repeat steps 118 1-6.
- III. Well Drilling and Completion Activities
  - A. Digging of surface mud pits and drill-site leveling.
  - B, Drilling activities (24 hours/day for 3-30 days depending on depth and number of wells drilled)
    - 1. Heavy equipment ruts can couse erosion and surface damage that can take years to heat.
    - Legat trespass of drilling crews (three shifts/day) administrative staff, logging trucks, mud trucks, geologists, pipe trucks, cementing trucks, fuel trucks, and on orray of other service providers and salespersons.
    - 3. Drilling rig noises and diesel electric generator units.
  - C. Well completion activities
    - 1. Fracturing and acidizing trucks.
    - 2. Workover rig crews and activities.
    - 3. Burning or flaring of gas and oil during workover operations.
    - 4. Temporary fracturing tanks and production tanks.
    - 5. "Swabbing" and testing of well into surface pits.
- IV. Post Completion Production Activities
  - A. Well site/lease location
    - 1. Covering of surface mud pits.
    - 2. Construction of surface equipment and systems.
    - 3. Rocking or graveling the access roads and production area.
    - Construction of retaining walls and fences around oil tanks, well head, and other equipment.
    - Construction of permanent gates, cattle guards, and culvert from a public road to the well site.
    - 6. Painting of all gates and surface equipment.
    - 7. Installation of locks and other security measures.
  - B. Construction of oil/gas pipelines and electricity to/through the property to the well/production/storage area.
    - 1. Obtain easements from landowner,
    - 2. Clear right-of-way 50-100 feet wide.
    - 3. Construct and bury pipeline to minimum/required depth.
    - 4. Reseed and plow disturbed pipeline right-of-way.
    - Post high-pressure pipeline signs along easement with emergency notification telephone numbers.
    - Implement pipeline monitoring program to check for leaks and right-of-way encroachments.
    - 7. Program to remove regrowth of trees.
  - C. Arrange for 24-hour access to well for the following service providers:
    - 1. Production employees
    - 2. Oil truck/purchaser
    - 3. Saltwater handlers
    - 4. Gas pipeline metering staff
    - 5. Electric company metering
    - 6. Supply and equipment deliveries
    - 7. Workover and repair personnel
    - 8. State and federal agency inspectors
    - 9. Access/road maintenance

#### TABLE 1 Continued

- D. Possible surface production equipment and/or chemicals on site
  - 1. Well head, valves, and gauges
  - 2. Pumping units
    - a. Gas-operated units (noise pollution)
    - b. Electric units (electric lines to well head)
  - 3. Oil. condensate, and saltwater storage tanks
  - 4. Oil, gas, water separator units
  - 5. Gas compressor units
  - 6. Oil or saltwater injection pump
  - 7. Gas callection and metering station
  - 8. Gas/ail/saltwater lease pipelines to each well
  - 9. Gas and/or oil pipelines for sale/transmission to and/or through the subject property
- E. Production supplies, bi-products, chemicals and well additives
  - Oil tank sludge
  - 2. Bottom, sludge, and water
  - 3. Paraffin inhibitors
  - 4. Surfactants
  - Emulsion breakers
  - 6. Scale inhibitors
  - 7. Paint
  - 8. Oily rags
  - 9. Pipe dope
  - 10. Injection and production filters
  - 11. Polish rod packing
  - 12. Various rubber products (seals, hoses, belts)
  - 13. Drums/barrels of chemicals
  - 14. Oil tank treatment chemicals
- V. Drilling of Additional Wells on the Subject Property (repeat steps HV)
- VI. Discontinuation of OII and Gas Production—1 to 50 years after drilling
  - 1. Wells plugged and abandoned.
  - 2. Equipment removed from a site.
  - 3. Drilling pits should be permanently marked to prevent construction of home or other buildings at these particular locations.
  - 4. Mineral lease should be canceled and releases filed of record.
  - 5. Dormant pipelines (lease and transmission pipelines) should be dug up and removed.
  - 6. Surface should be restored to as close to predrilling conditions as possible.
- VII. Environmental Site Assessment (Phase I, II, and III as required)
  - Should be conducted at oil company's expense on behalf of the owner. Copy of report
    completed by outside environmental consulting firm should be provided to the landowner.
  - Landowner should offer oil company a written release of further surface work on repairs to be completed.

ronmental litigation perspective, which is more regulatory in character.

Many newspaper articles have recently articulated the growing conflict between the surface estate owners and mineral owners and oil operators. Under new rules adopted by the Colorado Oil and Gas Conservation Division in September 1993, a landowner can ask the commission to make an oil operator post a bond before oil and gas activities begin on a lease if no surface agreement is in effect. While farmers can be royalty owners and make significant income on their minerals, many also want payment for crop and soil damages

and other economic burdens that affect their surface estates. It has been suggested that oil and gas operations can also create psychological stress in farm families, which may require compensation in some cases.

With any oil and gas well being developed, there will be some level of contamination that occurs on the property (addressed later in this article). Contamination of any kind can produce stigmas that have market implications, as presented by Patchin. A stigma may be broadly defined as a loss in value beyond the cost to cure the contamination itself. This can include,

<sup>6.</sup> Oil and Gas Journal, "Mineral, Surface Rights at Issue in Colorado," Oil and Gas Journal, v. 91, no. 43 (October 25, 1993): 30–32.

<sup>7.</sup> P. J. Patchin, "Contaminated Properties—Stigma Revisited," The Appraisal Journal (April 1991): 167-17L



### TABLE 3 Theoretical Model of Estimating Damages of Oll and Gas Activities to Surface Owner Estate\*

SD = PV - (W + RW + S + A + N + V + RLA + RHBU + PVRI + ATE + ELE + HAZ + STIG + RMORT + AR) (NW)

 $SD = Damages due surface owner at t^{\circ}$  or in stages of oil and gas development.

PV = Present value of surface estate in an undisturbed state before drilling.

W = Water, surface/subsurface contamination through production practices, spills and injection/disposal wells.

RW = Reduction in water supplies or quantity through dropping water table.

S = Soil (same as above).

A = Air-pollution/dust/odors/smells. etc.

N = Noise—compressors, pumping units, well servicing operation, daily vehicular traffic.

SW = Solid waste—some operators dispose of solid wastes inappropriately at well sites and pits.

V = Visual—changes in the landscape and natural environment.

RLA = Reduction in usable land area (value).

RHBU = Reduction in highest and best use of total parcel of land potential.

PVRI = Present value in future agricultural income as a result of reduced usable land area caused by well site, roads, rights-of-way, etc.

ATE = Additional title encumbrances to the property:

Mineral leases

Oil and gas transmission pipeline easements

Electric utility easements

Access road easements or rights

ELE = Environmental law exposure to landowner

HAZ = Personal or livestock health hazards, fire, chemical, accidents, spills, etc.

STIG = Reduced property value due to stigma.

RMORT = Reduced property value due to reduced mortgageability.

AR = Aesthetics and/or privacy.

NW\* = Number of wells factor that will be drilled or could be drilled in the future on the subject property (spacing factor). Figure 1 indicates one well drilled, the initial lease allows multiple wells to be drilled (depending on depth) every 10, 40, 80, or 160 acres.

### TABLE 2 Possible Federal Environmental Law Implications to Surface Owner/Tenants Because of Oil and Gas Production Drilling Operations

Resource Conservation and Recovery Act (RCRA, 1976) (42 U.S.C. ff 6901-6992k)

Solid Waste Disposal Act (SWDA, 1965)

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, 1980) (Superfund Act). (42 U.S.C. ff 9601-9675)

Emergency Planning and Community Right to Know Act (EPCRA, 1986) (42 U.S.C. ff 11001-11050)

Clean Water Act (CWA, 1972) (33 U.S.C. ff 1251-1387)

- 1. National Pollutant Discharge Elimination System (NPDES)—Point Discharge Permits
- 2. Spill Prevention Control and Countermeasure plans (SPCC)
- Wetlands U.S. Army Corps of Engineers Section 404 Permit Process for discharge fill or dredged materials (Alvayay Baen).

Federal Water Pollution Control Act (1948)

Safe Drinking Water Act (SDWA, 1974) (42 U.S.C. ff 300f-300j-26)

Oil Poliution Control Act of 1990 (OPA-90) (33 U.S.C. ff 2701-2761)

Toxic Substances Control Act (TSCA, 1976) (15 U.S.C. ff 2601-2671)

Occupational Safety and Health Act (OSHA) (29 U.S.C. ff 651 et. seq.)

Endangered Species Act (ESA, 1988) (16 U.S.C, ff 1531-1544)

National Historic Preservation Act (NHPA) (16 U.S.C. ff 470-470-v-6)

Migratory Bird Treaty Act (MBTA) (16 U.S.C. ff 703-711)

Hazardous Material Transportation Act (HMTA, 1990) (49 U.S.C. ff 1801-1813)

Department of Transportation (DOT) Gas Transmission Pipeline Regulations

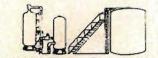
<sup>\*</sup> This equation represents theoretical factors that should be considered by appraisers, it is, however, no substitute or replacement for the professional judgment as to the market value impact on a subject property.

<sup>8.</sup> J. Fambrough, "A Thin Layer of Rights," Tierra Grande-Texas Real Estate Research Center (1983): 4-6.

<sup>9.</sup> Ibid., 7.

<sup>10.</sup> Butler and Binion, Attorneys at Law, Environmental Law Simplified: A Practical Guide for Oil and Gas Operations (Tulsa, Okla.: Penn Well Books, 1993)

BUILT FOR THE RETIRED OIL & GAS PROFESSIONAL! Coming soon in your area.



I. S. BAEN & Associates

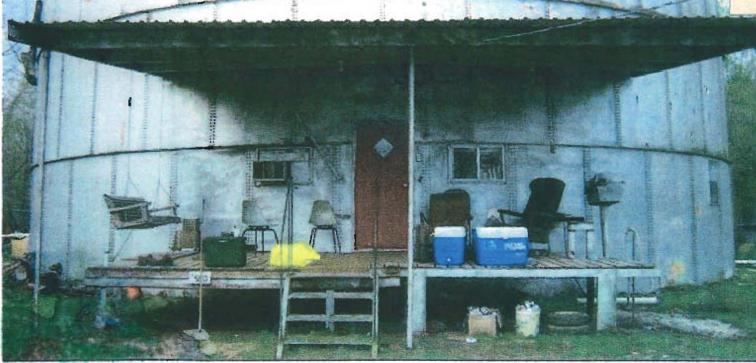
Independent Oil and Gas Consultants

John S. Baen, Ph.D.

P. O. Box 310410 Denton, Texas 76203

Cell: 940-507-0312 Fax: 940-565-4234 baen@unt.edu





Alternative Uses of Land and Oil and Gas Equipment/Dull-sites
Happy 2006

JoBaan 12-31-06

By Private
Treaty or
"Cham Down"

If No Missinla— Would you Allow then on your found



#### 3. Royalty Payment IRS Taxes:

Yes, these payments are taxable every year on April 15<sup>th</sup> by the IRS and there are few expenses or deductions to reduce or avoid paying the tax man.

Question: How can I minimize these taxes? Now you need a CPA!

- 1) <u>Depletion Allowance:</u> A small portion of the income is excluded from taxation.
- 2) Your annual royalty income Statement: The statement will be sent to you and the IRS at the end of the year by the oil company but is more income than you actually received. Danger! Most oil companies send a gross income statement before legitimate expenses (you did not receive this amount of money!)

Question: How can I reduce these taxes? Keep every check stub, and every monthly report which is called a "check and well/lease detail statement". A summary of real income is generally never sent to help you with your annual IRS return. Common deductable expenses include, but are not limited to, the following which are found in the monthly statements/checks.

- 1) State severance taxes
- 2) Marketing changes (rip off to us)
- 3) Compressor charges
- 4) Pipeline/Transportation charges
- 5) Other exotic charges (there are many)

(Only your initialed lease document will determine if you owe these expenses, but quite frankly, are a necessary and generally shared expenses or the charges will be" hidden" somewhere else or in some other form. Oil companies generally get paid on the same basis as you)

Very Few Deductions!

Deduct, Keep Track
of Changes, Taxos, ALV.

John Brown.
Companie Very Widly

EDY

April 15 is tax day.

For too many investors,

there's not much difference.

10

## TAX PLANNING AND DETAILED FINANCIAL ANALYSIS

In the days of the Indians there were no taxes—no debts—and the women did all the work. The white man thought he could improve an this system.

Death and taxes will always be with us; but there is a difference . . . death cannot get any worse.

Muso M. Lovenstern

A tl A be pr in pr mu Th

#### TAX ADVISORY

Down 05 Parkers

## EVER-CHANGING TAX LAWS MAKE LONG-TERM TAX PLANNING A JOKE

As the Congress and President Clinton wrangle over trying to balance their budgets within seven years, the rest of us are required to balance our after-tax commercial real estate budgets every year. Currently, there is a great deal of anxiety within the investment community about various tax proposals that are being debated and which most likely will be tied to next year's operating "stop-gap" budget of the government.

This week I have been reviewing a pile of income-producing property proformas that contain from five- to 15-year projections of after-tax cash flows (ATCF) for various classes of investments that include, but are not limited to, apartments, retail centers, warehouses and office buildings currently for sale. A few of the more sophisticated and bold offerings even go so far as to project a resale price and assumed capital gains tax rates that will be due beyond the year 2000. All of the deals include appropriate disclaimers about future income, expenses and projected resale prices. But please give me a break: Do we have any sound business reasons to project after-tax anything out five years into the great unknown?

At this point in time it appears that an increased tax credit for our dependent children and more importantly, a reduced capital gains tax break (incentive) will be the extent of the immediate tax law changes. A reduced capital gains tax could spur both a significant number of sales from owners taking advantage of their significant appreciation over the past three years as well as a rush of new investors (mullets) who will believe attractive capital gains tax rates will also be there at the end of their holding period.

Of major concern to all of us should be the extremely high "tax change risk" to property owners over the next seven years because of many variables beyond our control when considering the stated target of a balanced budget. Horrifying U.S. government budget variables that could change significantly and ultimately cause higher income taxes for commercial property investors if "budget cutting" and "government downsizing" fail are as follows:

• An increase in T-bill and T-bond rates

would wildly blow the proposed budgets:

By John S. Baen

• A recession could reduce taxes paid into the government, and

• An unforeseen requirement for government expenditures beyond the budget could occur (Bosnia, etc., etc.).

Tax-change risk has always been and will continue to be a very real factor for the long-term nature of real estate investments. Take for example long-term capital gains tax rates that have varied over the past 20 years from 40% of gain taxed at ordinary rates to a flat 28%. Depreciation of real estate for tax purposes has, during this same period, varied from 18 years, 19 years, 27.5 years and 31.5 years to the current 39 years.

While we may joke that frequent changes are orchestrated by Congress and the accountants to maintain full employment of the country's CPAs, it is really hard to analyze a prospective real estate investment based on the "snapshot" of the current tax law, IRS code and overcharging tax rulings. Take for example the massive and frequent changes that occurred during the 1980s. The following list of 1980s tax law changes, compiled by the Roulac Group, is offered to jar your memory as to just how much of a moving target our tax-rate risk really is:

- Economic Recovery Tax Act of 1981: reduced depreciation period; cut capital gains tax; provided investment credits for certain rehab projects.
- Tax Equity and Fiscal Responsibility Act of 1982: made technical changes; hearings on bill revealed opposition to 1981 tax act's largess.
- Tax Reform Act of 1984: effectively eliminated deduction for interest accrued but unpaid; eliminated tax-deferred exchanges for partnerships; raised interest rate caps for seller-financing; imposed restrictions on industrial development bonds; allowed states to issue mortgage credit certificates; extended general mortgage revenue bond program.
- Tax Reform Act of 1986: Cut individual tax rates: eliminated favorable

capital gains rates; extended depreciation timetable; reduced writeoffs from investment losses; created real estate mortgage investment conduits (REMICs).

• Revenue Act of 1987: Limited offsetting of passive incomes and losses: taxed publicly traded RELP income to tax-exempts as UBI; taxed dealers immediately on gain under installment sale; limited income deferral under long-term contracts.

So here we are on the eve of more sweeping tax change discussions while sitting like ducks in long-term real estate investments and actually seeking to increase our portfolios! What numbers are we as "sophisticated" investors to use in years two, three, four or further into the future in regard to tax rates? I for one am concerned about the proposed flat tax and its potential effects on the resale price of cash-flowing real estate. I happen to think it would be a lot like an enema for the country—uncomfortable, but "healthy" for the patient. It's the transition that worries me.

I would suggest the following prescription for those looking into the future of their current and proposed after-tax portfolios:

- Write your congressman and demand that with the balanced budget within seven years, they pledge to not raise taxes on property investment incomes or gains during that same period. They can reduce our taxes all they want to.
- Consider the long-term tax benefits of property ownership and income shelter as "icing on the cake" and not the cake. Invest only in economically viable deals that without current tax law advantages will still work—easy to say, but very hard to do.

Remember the seven-year itch concept of marriage during the 1970s? Well, the closer we get to year seven of a balanced budget without serious spending cuts, the more likely our recovering real estate cash flows and equities will be tempting to the tax man. They, the government, are moving marauders and we are stationary targets.

Periscopes up! Long-term tax planning is a joke. ■

John S. Baen, Ph.D. is an associate professor of real estate in the Department of Finance, Insurance, Real Estate and Law at the University of North Texas.

#### 4. Texas State Severance Taxes:

No options here, everyone pays and your check always has this tax taken out first!

Texas is a very wealthy state and has no state income taxes due to our blessings of oil and gas. A visit by the Penn State Team in my office should lead to Pennsylvania following

the Texas model. They pay no severance taxes! Our Texas \$8 billion surplus (California is broke) is due to the following taxes collected at the well head on every drop and cubic foot of natural gas.

#### Severance taxes:

- 1) Oil = 7.5% on every barrel produced at market value. That is \$9.75 per barrel of oil at \$130/barrel.
- 2) Natural gas = 5.6% or 50¢/1000 ft<sup>3</sup> (mcf) @ \$9.00.

**Question:** How do I know if I am getting paid fairly or how much oil and gas is actually being sold under my land?

Trust me, you are not getting cheated and I will explain this at the seminar.

## 5. Local Ad Valorum Taxes and Royalty: - Income for your

Oil and gas rights and their values in Texas are <u>NOT</u> taxable as part of your real estate until oil and gas is produced and sold. One of the biggest little "dirty" secrets in the oil and gas boom is that you will get an end of the year tax statement from the appraisal district on the present accessed/market value of your royalty income stream..just like you do on your house. A good idea is to save 5-8% of your monthly income to pay your city and school taxes in December! Oil companies pay their part, but never yours!

There is much confusion on this for several reasons:

- 1) The tax offices are running months behind due to the 8,600 wells drilled in North Texas and delays in information, reporting and royalty payments held in suspension on many wells. State and local data nightmare!
- 2) Outside contracting firms handle your oil and gas valuation and tax statements from far-away places (like Austin).
- 3) The appeal process is cumbersome, time consuming and quite often the information provided on your statement is wrong. Not all wells show up in the data, but local taxes will eventually be due and payable or your rights can be sold on the court house steps.

4) The Texas law and valuation model on royalty/mineral taxes is complicated, but in my opinion, friendly to the oil companies and royalty owners, and is much less than "true market value".

- Oil Companier hime Exports = Free Ride - State is Friendly to Roy + Orban. "Costs" et.

49

P. 0. BOX 2816 P. 0. TEXAS 76202-2816 METRO: (972) 434-2602 PHONE: (940) 349-3950	_			50
We have appraised your property for the tax year 2004 based on an appraisa for this year. This is the amount you would pay if the governing body of each jur property tax burden is decided by your locally elected officials, and all inquir	l date of January 1 of this year.  isdiction were to adopt the sam  ies concerning your taxes show	e tax rate as last year. "The Texas legislat uld be directed to those officials." The g	the previous year's tax rates and the ture does not set the amount of yo	nur local taxes. Your
the property will increase, and the appraisal district only determines the property If you are 65 or older and you received the school tax exemption on your home, (by adding rooms, other buildings, swimming pool, etc.)			anu Oi	
5092-9321		Property Description: DEVON ENERGY O/NEV AP10248 207 /PERN .039486 R	W#4 9119 WARK EAST (BARN W&BORDEN F B&F RRC# 19	ETT ARR I
40 Ac =		Kayalty		<u>04106-1914</u>
	Property V	<sup>7</sup> alues		
Tax Land Value <u>Year Market Productivity</u> 2003 2004 42,540	Improvement Value	Value	Value 30,400 42,540	ilicil Appraised Value
	st Year ble Value Exer	nptions Taxable Value	OSED THIS YEAR Last Year Tax Rate	stimated Taxes
DENTON COUNTY	30,400	42,5	.247170	105.15
NORTHWEST ISD	30,400	A 7 42,5	1 . 834810	780.53
C OF JUSTIN 0.5531	16,810	23,5	429690	101.11
42,540 Roy = 1,077,	343@100°°	del		
If you disagree with the proposed value or any other action the appraisal district rappraisal district, you have the right to file a protest and receive a hearing with the	nay have taken on your propert e Appraisal Review Board (AR	contact this office at the above telephone  B). The form below is provided for your	numbers. If your are unable to re	solve the situation with rotest must be in writin
and returned by: MAY 20, 2004.	Ŏ.			
Sincerely, CHIEF APPRAISER			10 2004 AT THE DENTON; TEXAS ROTEST: MAY 20	
Notice of Protest		061-1-	91-190738-000-R-	006251
DENTON CENTRAL APPRAISAL DISTRICT P. O. BOX 2816 DENTON, TEXAS 76202-2816 METRO: (972) 434-2602 PHONE: (940) 349-3950		DEVON ENERGY O/NI AB1034& 207 /PERI .039486 R	EWARK, EAST (BARRY W&BORDEN F B8	NETT FARR I 90738
2003 VALUE: 2004 VALUE:	30,400 42,540		<u> </u>	
If you want the Appraisal Review Board (ARB) to hear and decide your case, yo reason(s):	ou must file this form with the	ARB by the date indicated in the shaded be	ox above (A). Place an X in the b	ox(es) to indicate the
Value is over market value		Property description is incorrec		
Property should not be taxed in this appraisal district  perty should not be taxed in the following taxing unit:		Exemption was denied, modified  Value is unequal compared with		
Area amonto not to tovor in the toniowing round mire.			l as ag-use, open space or timber la	md
Failure to send required notice		<del></del>	cial valuation was denied, modifie	d, or cancelled
Other:		Owner's name is incorrect Owner's opinion of value (option	onal)	
Yes No I want the ARB to send me a copy of its hearing procedu	ıres	CTALLS OPINION OF VALUE (UPINO		

Date

Your Davtime Phone Number

Gimature

Your Evening Phone Number or Email Address



## 6. Pipeline Easements and Damage Payments:

All income is reportable to the IRS but not all income is taxable the year received it you have good representation at the time an easement is signed and also have a good professional and qualified CPA and appraiser. The actual damage income to the value of the land and remainder of your land can be deferred until the land is sold, similar to the well-site damages. I recommend two checks: one for the granting of the easement (taxable) and one for damages, marked damages.

## Right of Wally Volume 55 Number 2

### MARCH/APRIL 2008

example may be userui.

Value of Whole Property:		
(5 acres @ \$50/sq. ft.)	\$10,890,000	
Value of Part Taken:		
(1 acre easement @ \$50/sq. ft. x 40%)	\$871,200	
Value of the Remainder as Part of the Who	ole:	
(\$10,890,000 less \$871,200)	\$10,018,800	
Value of the Remainder After the Take		
((5 acres) (encumbered with 1 acre) @ $$45/sq$ . ft.)	\$9,801,000	
Damages	\$217,800	
Benefits	\$100,000	
Net Damages	\$117,800	
Total Just Compensation	\$989,000	

#### Valuation of a New Pipeline as Part of the Existing Corridor

As described previously, a corridor is a long, narrow strip of land or real property rights for which the highest and best use is to provide an economic benefit by connecting the end points and sometimes serving intermediate points along the way.

There are various methods that an appraiser uses to appraise corridors. The most common include the Across-the-Fence (ATF), Sales Comparison, Cost Approach, Net Liquidation Value and Going-Concern Value.

Since comparable sales of corridors are seldom available, the most common method is the ATF methodology, which is first found in the Interstate Commerce Commission (ICC) manual entitled "Instructions Pertaining To Land Appraisals" dated April 1, 1918.

The five steps to using the ATF method are as follows:

1. Define the value zone of the corridor based on zoning and uses of adjacent property

Parch for comparable land sales for each of the value zones

5. Add the ATF value for each value zone together to equal the total ATF value of the transportation corridor.

#### Standard Width for Pipeline Easement

As part of the appraisal process, I often include surveys of private companies and public agencies. The information I recently obtained from one survey is as follows:

#### Survey of Non-Exclusive Pipeline Easements

•	Width of Easement Required	% of Fee Typically Paid  Acre of Nate
Gas Company	20 foot	25% - 50%
Transportation Agency	10 foot	25% - 50%
Railroad Company	10-12 foot	100%
Pipeline Company	5 foot	50% (30% for 10-foot)
County Sewer District	10 foot	25%

This survey shows that there is no acceptable standard width for a pipeline easement, as it is usually determined through negotiations Still, it may be helpful to understand the railroad's thought process in setting their standard 10-foot wide widths for pipeline easements.

Initially, railroads arrived at the easement width by rounding up the diameter of the pipe to the nearest foot. Then they added two feet on both sides as a buffer to ensure the pipeline's integrity and security, knowing that no other pipeline company would be interested in placing their pipeline less than two feet from the existing one. As such, the total width of the pipeline, assuming a one-foot or less diameter pipeline, would be five feet (1 foot pipe + 2 feet on both sides = 5 feet).

Since then, the railroads have realized that pipeline users have been getting free access onto their corridors to service and maintain their pipelines. The railroads reasoned that since automobile lanes on public roads are typically 11 to 12-feet wide, and given the width of a standard truck, a 10 to 12-foot width requirement to access the pipeline would seem reasonable. It is also reasonable to assume that the additional width of the easement dedicated solely for access use only should be charged at a lower rate. I call these areas the "arterial zone" and the "fringe zone"

54

All income is reportable to the IRS but not all income is taxable the year received if you have good representation at the time an easement is signed and also have a good professional and qualified CPA and appraiser. The actual damage income to the value of the land and remainder of your land can be deferred until the land is sold, similar to the well-site damages. I recommend two checks: one for the granting of the easement (taxable) and one for damages, marked damages.

#### 7. Estate Taxes on Mineral Rights to the IRS:

Danger! You are likely unaware that you have a Texas lotto ticket that you have won which has an income stream from Royalty that has a market value of 50-60 months of income plus potential Mineral Right values worth much more (all known and unknown oil and gas producing zones). Without estate planning at your death, the present value of your mineral estate will be values by the IRS and will be added to your estate and taxed at 35-55% on monies you or your heirs have not yet received! If you are blessed with \$10,000/month royalty checks and you are over the estate exclusion limits after considering the value of all your other assets, (house, business, cash, collectibles, stocks, bonds, etc) your estate could easily owe an additional \$200,000-\$300,000 to the IRS because of the value of your royalty and minerals rights.

<u>Ouestion:</u> How can I reduce these estate taxes and liabilities, but yet still get the money to spend in my life?

- 1) Time your death carefully! 55% will be the new tax after Bush's tax relief expires and greatly depends on year of your death and the exclusion amounts for any given year through 2011.
- 2) Deed your minerals to a trust or family limited partnership.

The "BEST" of the two options are topics of huge discussions between CPA's, estate planners, lawyers, professors and owners! Oil and gas income are blessings, but taxes will be paid! Dividing your land into two(2) estates (surface and minerals) is a very wise decision for many reasons and only requires a mineral deed (\$350-\$500/deed) and a valuation of both estates to establish an IRS basis or remaining values.

J.S.Baen Ph.D. is a professor of business at University of North Texas and offers free articles and newspapers on the Barnett Shale and Oil and Gas topics at: www.coba.unt.edu/firel/baen

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## **About.com** Investing for Beginners

Fotate Taxos



What is the current estate tax rate and limits?

Beginner's Investing Newsletter - Sign Fundil

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Print

By Joshua Kennon, About.com

The estate tax, or inheritance tax as it is sometimes known, has long been regarded by its critics as an onerous example of socialistic wealth redistribution. Supporters argue that it prevents families from amassing fortunes and creating an American aristocracy like those found in the older European countries. Regardless of your viewpoint on the estate tax, you will have to deal with it if you are fortune enough to have amassed wealth. So, what are the current estate tax rate and limits?

Answer: The answer is complicated. Prior to the estate tax reduction, estates were taxed at rates beginning at 37 percent and going as high as 55 percent. Generally, the estate tax only applied to assets exceeding \$1 million.

Included in President Bush's tax cuts, however, was a provision to phase out the estate tax rate over the next few years. For families with large real estate holdings such as farms that have been held for generations or small businesses, this stroke of good luck will ensure that assets are passed onto posterity without Uncle Sam taking a majority of the bounty. This would be accomplished in two ways: 1.) by raising the amount exempt from the estate tax rate, and 2.) lowering the estate tax rate itself.

According to the IRS literature, an estate tax filing need only be made if the value of an estate exceeds the following

amounts:

2005: First \$1,500,000 in assets 2006-2008: #irst \$2,000,000 in assets 2009: First \$3,500,000 in assets

2,000,000 200 B House, Land 3,500.000 2009

3,500.000 2009

2010 = Zero To

jed to the amounts in

In addition, the maximum estate tax rate applied to the amounts in excess of these figures are as follows:

2005: 47 percent

2006: 46 percent

2007 - 2009, 45 percent

2011 = 55 % Over 1.5 M.//m ±

In 2010, the estate tax rate drops to zero percent; if you die in that year, your heirs would not pay taxes, even if you passed on \$20 billion!

One caveat: Congress ensured that the law sunsets in 2011. That is, on January 1st, 2011, the estate tax rate will return to its pre-Bush levels. Practically speaking, this means the difference between dying on December 31, 2010 and January 1, 2011 can mean 55 percent of your estate if you are person of means!

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## as Morning News

Dallas, Texas, Wednesday, June 11, 2008

dalasnews

**ENERGY COMPANIES** 

EOG, ENCHNH etc

# FW firm to pay \$4.2B for Hunt Petroleum

XTO acquisition fuels growth strategy, fans trust fund fight

the legacy of oil tycoon H.L. Hunt.

Hunt Petroleum becomes a jewel in XTO's ravenous, \$\\^55.\) offin acceptaisi-

f. used with Hunt Oil — is owned by the family trusts of Margaret Hunt Hill and Hassie Hunt, two of the children of H.L. Hunt.

Al Hill III, Margaret's grandson, has sued his father, Al Hill Jr., several other family members and advisers over their plan to sell Hunt Petroleum and recon-

**ENERGY** 

## XTO buys Hunt for \$4.2 billion

The company says its gas and oil production is expected to increase 30%.

By JIM FUQUAY

jfuquay@star-telegram.com

XTO Energy said Tuesday that it will pay \$4.2 billion for Hunt Petroleum Corp. of Dallas, which dates to 1925 when legendary wildcatter H.L. Hunt founded his first oil company.

About 70 percent of the Hunt property is in East Texas and Louisiana, already big areas of operation for Fort Worth-based XTO. Most of the rest is along the Gulf Coast, onshore and off, with the remainder in Europe's North Sea. Production is about 80 percent natural gas—XTO's strong suit—and 20 percent oil.

XTO Chairman Bob Simpson called the transaction "a history-making deal for XTO." It's the company's largest acquisition ever and pushes its acquisitions this year to about \$8.5 billion.

And Simpson told investors that he will probably make further acquisitions this year worth between \$1 billion and \$1.5 billion. He said that even with the sharp rise in petroleum prices in the past year, "this will be a year of excellent opportunities" to buy assets that will likely be more expensive in the future.

Coast, onshore and off, with the remainder in Europe's North Sea. Production is about 80 percent natural gas — XTO's strong suit — and TXTO also boosted its growth forecast for the rest of the year. XTO officials said its production of natural gas and crude oil is expected to

More on XTO on 3C

See **HUNT** Page 8A

HL Hunt

I f No Tax Plan 45 % 2,000,000;000 2000 Million () to IRS

ELECTRICITY

Why Deed of Minerale Estat Plane of Minerale Water ex. -1) Mistaker in Contracts, Doeds, When Selling Zand 2) Protect the Minorale a) Mgt 1 Signak b) Splinten Tith 3) Land/Surfure Ouver Estate Teusion - Litisation / Damage - Puperty Taxes Slautitus - Famig Politic - Mineral are Forever 4) LLC LLP FLP Trust - Tures Affertige: The Horrage:

Fam. Lint. Partnoiship?
Trust?
Scorp?
MINERAL DEED

1% GP 99% ZZPor ZZC OR Trust? 59

THE STATE OF TEXAS )

KNOW ALL MEN BY THESE PRESENTS

COUNTY OF TARRANT )

That I, I widow, whose address is 1046, Fort Worth, Texas, for and in consideration of the sum of One and No/100 Dollar (\$1.00), to me cash in hand paid by 5, the receipt of which is hereby acknowledged, have granted, given and conveyed, and by these presents do grant, give and convey unto 5, whose reside ice address is 2004 East Peters Colony, 6, the following, to-wit:

- (i) 0.0520421 interest in and to all the oil, gas and other minerals on, in and under, and that may be produced from First Tract described in Exhibit "A" attached hereto; and,
- (ii) 0.0693895 interest in and to all the oil, gas and other minerals on, in and under, and that may be produced from Second Tract and Third Tract described in Exhibit "A" attached hereto.

Together with the right of ingress and egress at all times for the purpose of mining, drilling and exploring said lands for oil and other minerals and producing, storing, treating, marketing and removing same therefrom.

The herein described tracts of land are now under, embraced in, and covered by an oil and gas mineral lease by and between Larry J. Langston, et al, Lessor, and Argali Resources, Lessee, dated August 29, 2001, and shown recorded in the Real Property Records of Tarrant County and Denton County, State of Texas; and it is understood and agreed that this grant, gift and conveyance is subject to said lease but covers and includes a said 0.0520421 part of the royalty on oil, gas and other minerals due and to be paid under the terms of said lease insofar as it covers the First Tract set forth and described in Exhibit "A" attached hereto, and the 0.0693895 part of the royalty on oil, gas and other minerals due and to be paid under the terms of said lease insofar as it covers the Second Tract and Third Tract set forth and described in Exhibit "A" attached hereto.

To have and to hold the above described property, together with all and singular the rights and appurtenances thereto in anywise belonging or in anywise appertaining unto the said Carolina S, her heirs, successors, legal representatives and

Mineral Deed Page 1

### Tab / Exhibit 6 Discussions and Definitions of Market Value, Price, Costs, and Other Types of Value

For the year 2001, an appraiser's report and conclusion have been changed from an "estimated market value" to "an opinion of market value."

### DEFINITION OF MARKET VALUE (2001)

The most probable price which a property should bring in a competitive and open market under all conditions requisite to a fair sale, the buyer and seller, each acting prudently, knowledgeably and assuming the price is not affected by undue stimulus. Implicit in this definition is the consummation of a sale as of a specified date and the passing of title from seller to buyer under conditions whereby:

- buyer and seller are typically motivated;
- both parties are well informed or well advised, and each acting in what he considers his own best interest:
- a reasonable time is allowed for exposure in the open market;
- payment is made in terms of cash in u.s. dollars or in terms of financial arrangements comparable thereto; and
- the price represents the normal consideration for the property sold unaffected by special or creative financing or sales concessions granted by anyone associated with the sale.

Other definitions and concepts of value:

Estate Value "3X IKS DEState Planms"

- Market Value (as vacant or improved)

- Market Value, Price, Cost

- Use Value or Value In Use

- Investment Value

- Going Concern Value

- Insurable Value

- Liquidation Value

- Assessed Value

Plantam

Puppun

Plantam

Valuation

Valuation

Sale Official

Tusucaum

(3) Forced Sale etc.

### Tab / Exhibit 8 Highest and Best Use of the Subsurface Mineral Estate

The production of oil and gas is Highest and Best Use of the subsurface estate of the subject mineral and royalty estates, which may be in conflict with the highest and best use and/or ordinances of the surface estate use which is zoned as found in Tab 3.

Highest and Best Use is defined as:

Highest and Best Use<sup>1</sup> – The reasonably probably and legal use of mineral rights to land, which is physically possible, appropriately supported, financially feasible, and that results in the highest value. The four criteria the highest and best use must meet are legal permissibility, physical possibility, financial feasibility, and maximum profitability.

For highest and best use of both mineral and royalty estates, a use must meet four criteria. The criteria are that the highest and best use must be:

- 1. Physically possible
- 2. Legally permissible (extraordinary and hypothetical assumption)
- 3. Financially feasible
- 4. Maximally productive

All criteria for complete development of oil and gas rights are quite achievable. There are no conflicts in regards to being legally permissible from the standpoint of Federal, State (Texas Railroad Commission/Oil and Gas Regulations/Permitting) or County of Denton Regulations. There are however some new and evolving local ordinances that may require special use or site-planning approvals prior to drilling some of the pad-sites. This appraisal assumes that all wells are drilled without delay (within 1 year) under the terms of the lease by the operator of record (Devon Oil and Gas Company) or the surface and/or mineral owners. Several wells have already been successfully drilled and completed on the subject property or on Gas Units which said minerals have been allocated. It is specifically assumed that three (3) drilling permits for the surface estate may be acquired from the City of Justin described on various plats found elsewhere in this report or that one (1) location will be used to fully develop those

#### Three (3) Approaches to Value and Other Valuation Techniques Tab / Exhibit 9 For Valuing Mineral Estates

There are three (3) approaches to be considered in valuing real estate and the various associated estates or components: market, income and replacement approaches to value. While the income approach to valuation of minerals and royalty estate is perhaps the most appropriate, there is very much a market and demand for the sale of mineral rights in Denton County although few sales are made public and absolute confidentially in the normal cause of business. Texas is a non-disclosure state and no details of minerals being sold are found in the public -> MAR NA. records.

There are five (5) valuation approaches or indications of market value for mineral / royalty rights or interests in land located in areas having proven reserves and/or income from oil and gas production. (1988, Baen, Appraisal Journal, pp. 205-216) Residual values or value by extraction of mineral rights from comparable sales Will vos X

Comparable sales of mineral and royalty rights by deeds or assignment

- I.
- II.
- Sale of undeveloped or underdeveloped reserves by oil and gas companies III.
- The use of cash flow analysis of existing well performances, productivity, decline curves IV. and allocation of values to producing and/or proven but non-producing mineral acres.
- The use of assessed values by local tax appraisal boards (Denton County) which follows V. state laws and utilizes a combination of methods I-IV while utilizing oil and gas reserve engineers and publicly available production reports and mineral sales.

Jeffeent Market Socreta.

2000 - 2006 U. S. Natural Gas Prices

### 62

### **DrillingInfo One-Page Production Summary**

å drillingints

This API# Well# Lease Field Lease Operator County State Location Elevation **Date Spud** Date TD

Logs Run

Prod.	First Production	Most Recent Production	Cumulative (MCF & BBL)	Gravity (SG & API)	Gatherer
Oil	4/1/02	6/1/05	8,649		SUNOI
Gas	4/1/02	6/1/05	333,030	0.70	DEVGS

Most Recently Reported Monthly Production (12 Months)

M - M -		Gas (MC	F)			Oil (I	BBL)		Water	#Wells	#Wells	Avg Gas	Avg Oil	Avg \
Мо/Үг	Produced	Sold	Used	Other	Produced	Sold	Other	Closing	(BW)	V) Flowing	Other	(MCF/D)	(BBL/D)	(BW/
7/2004	4,755	4,660	0	95	86	173	0	82				153.39	2.77	
8/2004	5,280	5,212	0	68	62	1		144	7-4			170.32	2.00	
9/2004	4,652	4,565	0	87	79	1	7.	223		1	***	155.07	2.63	
10/2004	4,511	4,452	0	59	54	189	0	88		-1		145.52	1.74	
11/2004	4,731	4,625	0	106	96	;		184		•		157.70	3.20	
2004	4,871	4,840	0	31	28	, ,		212				157.13	0.90	
1/2005	5,093	0	4,951	142	129	199	0	142				164.29	4.16	
2/2005	4,522	0	4,450	72	65	1		207		-		161.50	2.32	
3/2005	5,071	4,995	0	76	69	192	0	84				163.58	2.23	
4/2005	4,565				50	-		134				152.17	1.67	
5/2005	4,611	4,558	0	53	48			182		1		148.74	1.55	
6/2005	4,844	4,776	0	68	62	-		244				161.47	2.07	
Totals	57,506	42,683	9,401	857	828	753	0					20,000		

**Annual Production** 

Year	Gas (MCF)	Oil (BBL)	Water (BW)	#Wells Flowing		Avg Gas (MCF/D)	Avg Oil (BBL/D)	Avg Wtr (BW/D)	Annual Dec. Gas	Annual Dec. Oil
2002	126,891	4,395				463.78	16.06			
2003	107,443	2,623				294.53	7.19		15.3%	40.3%
2004	69,990	1,208			~	191.86	3.31		34.9%	53.9%
2005	28,706	423				157.38	2.32		59.0%	65.0%
Totals	333,030	8,649				nin-a				

**Back** 

Productivity / "Cash Flows"

### Oil and Gas Reserve and Cashflow Analysis

				DECL	ines		ESCA	LATION	
EASE:	N/A	SER.TAX. O:	4.61%	GAS, YR1:	50%	PRI	CES:	EXPE	VSES:
IELD		SER.TAX, G:	7.50%	GAS, YR2:	25%	GAS, YRZ:	3.25%	EXP, YR2:	3.25%
י <u>ץ דאעס:</u>	Denion	AD Valor:	2,40%	GAS, YR3:	10%	GAS, YR3;	3.25%	EXP. YR3:	3.25%
TATE:	Texas	OP EXPIMO:	\$1000	GAS, YR4:	10%	GAS, YR4:	3,25%	EXP, YR4:	3.25%
PER:		WELLS:	1_	AFTER:	10%	AFTER:	3.25%	AFTER:	3.25%
WYER:		QIL, 5/80:	\$75,00					- <del> </del>	
CPD:	1,0	OIL, MUXS;	\$40.00	OIL, YRI:	50%	OIL, YR2:	3.25%	7	
(CFD:	577	GAS, S/MCF:	\$4.00	OIL, YRZ;	25%	OIL, YR3:	3.25%	7	
/1:	0,000%	GAS, MAXS!	\$10.00	OIL, YR3:	10%	OIL, YR4:	3.25%	-	
V. NRI:	0.000%	CAP EXPSI.	\$750,000	OIL, YR4:	10%	AFTER:	3,25%	_	
TRRI:(*)	18.750%	DISC FACT:	10.00%	AFTER:	10%			-	

### J.S. Baen and Associates

John S. Baen, Ph.D.

P.O. Box 310410

Denton, Texas 76203

Office: (940)565-3071 Home: (940)567-3120

Mobile: (940)507-0312

E-mail: baen@unt.edu

Oll and Gas Leasing Lease Negotlating Land/Well Planning

Estate Planning/Mineral Valuation/Appraisal

Fax: (940)565-4234

*/** : **		OIL .		GAS		, p	EVENUE	7	EXPENSES	<del></del>		INCOME	DISCOU	INT C/FLW	PR	ICES	7	
YEAR		VELS	E 124 1271 12	MCF				<u> </u>			NET	CUM CIFLW	NET 10%	CUM 10%	011,	GAS	7	
	263	NET(*)	DAILYAVG		NET(*)	OIL	GAS	TAXES	LOE	ADVAUTAX	C/FLW/YR	COMOTEN	107	COM 1076	SIRO	\$/CF	7	
7	132	25	577 289	210,605	39,488	1,233	157,954	11,903	0	3,375	143,908	143,908	130,826	130,826	\$25,00	\$4.00	7	
	99	18	216	105,303 78,977	19,744	636	81,544	6,145	0	1,688	74,347	218,256	61,444	192,270	\$25.81	\$4,13	1	
	89	17	195	71.079	13,327	493 458	63,145	4,759	0	1,266	57,614	275,870	43,286	235,556	\$26,65	\$4.26	]	
3	-80	15	175	63,971	11,995	426	58,678 54,526	4,422	0	1,139	53,575	329,444	36,592	272,148	\$27.52	\$4.40		
- 3-	72	13	158	57,574					0	1,025	49,818	379,262	30,933	303,081	\$28.41	\$4.55	4	
7	-65	12	142	51,817	10,795 9,716	395 367	50,669 47,084	3,818	0	923	46,323	425,585	26,148	329,229	\$29,34	\$4.69	4	
8	58	<del>\ 11</del>	128	46,635	8,744	341		3,548	0	830 747	43,073	468,658	22,103	351,332	\$30.29	\$4.85	1	
9	52	10	115	41,972	7,870	317	43,753	3,297 3,064	0	673	40,050	508,707	18,683	370,016	\$31.27	\$5.00	∤	
10	47	/9	103	37,774	7.083	295	37,781	2.847	0	605	37,238 34,623	545,945 580,568	15,793 13,349	385,808	\$32.29	\$5.17	1	~
1	42	8	93	33,997		274		2,646	0	545				399,157	\$33.34	\$5.33	,	2002
12	38	<del></del>	84	30,597	6,374 5,737		35,108				32,191	612,760	11,283	410,440	\$34.47	\$5.51	TI	Í
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16	25	5	55		3.764		24,326	1.833	0	322	22,359	742,797	4,866	445,473	\$40.00	\$6,46		
17	23	3	49	20,075		188	22,605	1,703		290	20,781	763,578	4,111	449,584	\$40,00	\$6,67	7.	$\overline{}$
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22	13	2	29	10,669	2,000	100	15,662	1,179	0	171	14,412	847,447	1.770	462,339	\$40.00	\$7,83	Baen's	
23	12	2	26	9,602	1,800	90	14,554	1.096	<del></del>	154	13,395	860,842	1,496	463,835	\$40.00	\$8.08		Mell
23	11		24	8,647	1,620	81	13.525	1,018	- 0	138	12,449	873.291	1,264	465,099	\$40.00	\$8.35	Barnett	- 5
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											1		"3405 <sub>1</sub> 474/4	OVCOURS-21	1,/30/40	3	☲	
*No future pr	ofis may be	promised and	productivity v	aries widely							- 1	Valu	se of Minera	ils			Ω	
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***All wells a					•						1	1111	Much	11 on 9	10/40	ساحد	<u>~</u> ,	
					es, gas contro	cis, line pre	isure, BTU conien	t and supply/d	emand for ga	us)		I Vertico	er we	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	• /	n	<b>y</b> ,	_
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												120 4 2	OO HC	J DHILLAY	1/ (46	(	~~~	
												\$19,997,216 Valu 1 Vertico Hoveout 120 = 2						

<sup>\*</sup>No future profits may be promised and productivity varies widely

<sup>\*\*</sup> Projections only, based on "average" to "above everage well"

<sup>\*\*\*</sup>All wells are "different", perform "differently" and are unique

<sup>\*\*\*\*</sup>Variables over lime are significent and can alter results (gas prices, gas contracts, line pressure, BTU content and supply/demand for gas)



P. O. Box 1520

Palestine, TX 75802

103-723-2022

royalty management

Fax 903-723-2443

E-mail: info@jdmillc.com

April 28, 2005

JOHN SPENCER BAEN PO BOX 310410 DENTON TX 76203-0410

## NOW EVEN MORE MONEY OFFERED FOR MINERAL AND ROYALTY INTERESTS

JDMI, one of Texas' largest oil and gas royalty purchasing companies, announces its new royalty valuation program designed to offer you even more money for your mineral propagation royalty interest. Please review the enclosed letter to see the terms and conditions of our offer to you.

If our offer is not the best offer that you have received for your mineral or royalty interest described in our enclosed letter, send us a copy of any legitimate written offer that you have received for your interest in the last two (2) months to give us the opportunity to beat that offer by up to an additional \$500, depending on the extent of your interest.

We make selling your mineral or royalty interest easy and convenient by identifying your interest, preparing the paperwork and paying you up front (subject to title verification and approval).

Please read the following documents for details regarding this offer.

76. Davis

Sincerely, JDMI, L.L.C.

James H. Davis

JHD



006079



## EXHIBIT A July 29, 2004 Denton County, Texas

<u>Lease</u>	<b>Operator</b>	<u>Interest</u>	Offer Amount
CADDELL LESLIE W#1	BURLINGTON RES	0.006425	\$197.51
RIGGS J H GU W#5	DEVON ENERGY O	0.005145	\$2,331.00
MASSEY GEORGIA GAS UNIT	DEVON ENERGY O	0.005148	\$4,256.00
CADDELL LESLIE W#2	<b>BURLINGTON RES</b>	0.006425	\$2,975.00
RIGGS J H GU W#4	DEVON ENERGY O	0.005145	\$2,763.00
RIGGS J H GU W#6	DEVON ENERGY O	0.005145	\$4,115.00
RIGGS J H GU W#3	DEVON ENERGY O	0.005145	\$4,005.00
RIGGS J H GU W#2	DEVON ENERGY O	0.005145	\$3,434.00
CADDELL LESLIE W#3	BURLINGTON RES	0.006425	\$5,762.00
RIGGS J H GU W#1	DEVON ENERGY O	0.005145	\$6,084.00
MASSEY GEORGIA GAS UNIT	DEVON ENERGY O	0.005148	\$3,883.00
MASSEY GEORGIA GAS UNIT	DEVON ENERGY O	0.005148	\$9,648.00
MASSEY GEORGE GAS UNIT W	DEVON ENERGY O	0.005148	\$5,942.00
MASSEY GEORGIA GAS UNIT	DEVON ENERGY O	0.005148	\$6,461.00
MASSEY GEORGIA GAS UNIT	DEVON ENERGY O	0.005148	\$5,073.00
RIGGS J H GU W#7	DEVON ENERGY O	0.005145	\$4,634.00
		Total Offer:	\$71,563.51

### PLEASE CONTACT US TODAY:

· Call 1-800-877-5122 and ask for extension 202

· Email:

· Visit w

· Mail or

This offer may I Clearinghouse s production.

Would give up all New Wells dulled in all Unite/Locses and all other zones

ılty

### 71

### CONDITIONAL DRAFT

DATE: April 28, 2005

On drawee's approval and acceptance of title to the interest described herein, not later than 30 banking days after arrival of this draft at collecting bank.

TO THE ORDER OF: JOHN SPENCER BAEN

\$221,925.00

This draft is drawn to pay for that certain Universal, County-Wide Sale, Conveyance and Assignment of Mineral and Royalty Interests, (the "Conveyance"), covering all of Grantor's royalty interests in DENTON County, Texas.

The drawer, payec(s), and endorser(s) hereof, and the Grantor of the Conveyance described hereon, do hereby appoint the collecting bank excret agent to hold this draft for the time above specified, subject alone to acceptance of payment hereof by drawee, within said time, and whout any right of the drawer, payer or endorsers hereof, or said Grantor, to recall or demand return of this draft prior to the expiration of the above specified time, and there shall be no liability whatsoever on the collecting bank for refusal to return the same prior to such expiration. In the event that the draft is not paid within said time, the collecting bank shall return the same to the forwarding bank, and no liability for payment otherwise shall be attached to any of the parties hereto.

TO: JDMI, L.L.C., DRAWEE

NOTIFY: JDMI at (903) 723-2922 when draft arrives

AT: EAST TEXAS NATIONAL BANK

POST OFFICE DRAWER 770 - PALESTINE, TX 75802-0770

Pay To The Order Of:

JOHN SPENCER BAEN

PO BOX 310410

DENTON TX 76203-0410

Drawes

### NOW EVEN MORE MONEY OFFERED FOR MINERAL AND ROYALTY INTERESTS

JDMI, one of Texas' largest oil and gas royalty purchasing companies, announces its new royalty valuation program ned to offer you even more money for your mineral or royalty interest. Please review the enclosed letter to see the terms and conditions of our offer to you.

If our offer is not the best offer that you have received for your mineral of royalty interest described in our enclosed letter, send us a copy of any legitimate written offer that you have received for your interest in the last two (2) months to give us the opportunity to beat that offer by up to an additional \$500, depending on the extent of your interest.

We make selling your mineral or royalty interest easy and convenient by identifying your interest, preparing the paperwork and paying you up front (subject to title verification and approval).

Please read the following documents for details regarding this offer.

Sincerely, JDML L.L.C.

ames H. Davis

ames H. Davis

4.4 x Months

3/Acres @ 6500/Ac

Min? Alldepths @?

(TEAR HERE)

CONDITIONAL DRAFT.

DATE: January 5, 2004

On drawee's approval and acceptance of title to the interest described herein, not later than 30 banking days after arrival of this draft at collecting bank.

PAY TO THE ORDER OF: JOHN SPENCER BARN \*\*\*\*\*\*\* \$188.805.00\*\*\*\*\*\*\*\*\*DOLLARS

42000/you

\$188,805.00

This draft is drawn to pay for that certain Universal, County-Wide Sale, Conveyance and Assignment of Mineral and Royalty Interests, (the "Conveyance"), covering all of Grantor's royalty interests in DENTON/WISE County, Texas.

The drawer, payee(s), and endorser(s) hereof, and the Grantor of the Conveyance described hereon, do hereby appoint the collecting bank escrow agent to hold this draft for the time above specified, subject alone to acceptance of payment hereof by drawee, within said time, and without any right of the drawer, payee or endorsers hereof, or said Grantor, to recall or demand return of this draft prior to the expiration of the above specified time, and there shall be no liability whatsoever on the collecting bank for refusal to return the same prior to such expiration. In the event that the draft is not paid within said time, the collecting bank shall return the same to the forwarding bank, and no liability for payment otherwise shall be attached to any of the parties hereto.

TO: JDMI, L.L.C., DRAWEE

AT: EAST TEXAS NATIONAL BANK

POST OFFICE DRAWER 770 - PALESTINE, TX 75802-0770

NOTIFY: JDMI at (903) 723-2922 when draft arrives

James 16. Davis Drawer

Pay To The Order Of:

JOHN SPENCER BAEN PO BOX 310410 DENTON TX 76203

### **AREA LEASING NEWS**

### East Fort Worth Group Negotiates Record Lease with \$25,000/acre Bonus

As was first reported in an article on Fort Worth's East Side in the March 26, 2007 issue of Fort Worth Weekly, a neighborhood group calling itself Fort Worth Eastsiders (Greater Meadowbrook Mineral Leasing Task Force) confirmed to Fort Worth Star-Telegram business editor Scott Nishimura that the huge neighborhood bloc has negotiated a gas lease deal with XTO Energy which includes a record-breaking signing bonus for a neighborhood lease. The lease terms include a \$25,000/acre bonus with a 26.5% royalty, and five-year primary term. The bonus is the highest reported so far in the Barnett Shale and eclipses the old record bonus of \$22,000/acre which was negotiated by several Arlington neighborhood groups in the past two weeks. Nishimura reports the 26.5% royalty is also believed to be a record for a neighborhood lease as well.

The neighborhood group had asked for a bonus of \$30,000/acre with a 30% royalty but they're not complaining with the deal they've got.

"In addition, we were able to win the support of XTO in an agreement not to drill anywhere in the neighborhoods within the boundaries of the negotiated lease area, save and except two drill sites in industrial areas immediately adjacent to the Union Pacific rail line on our southern border," one of the organizers, "Machete" **Mike Tansey**, an "embedded software test engineer/F-16 Mission Planning Systems" for Lockheed Martin, told Nishimura.

The agreement covers the 4,100 acres of neighborhoods in the area bounded by Riverside Drive, Interstate 30, east Loop 820, and the Union Pacific Railroad. (see map on the next page)

The associations involved are Brentwood Oak Hills Neighborhood Association, Central Meadowbrook Neighborhood Association, West Meadowbrook Neighborhood Association, Chimney Wood Homeowners Association, and Eastern Hills Neighborhood Association.

What property owners should now expect, Tansey says:

- Receive a lease packet from XTO within the "next day or two...with all the information needed should you want to sign the Greater Meadowbrook Oil and Gas Lease."
- Packet will include a letter from the Task Force, copy of the letter of intent signed by the neighborhood presidents, a copy of the lease form, and a schedule of signing parties for the area that will begin March 31. "You may attend any of these scheduled meetings to sign your lease and/or ask questions."

Related Information: West Meadowbrook Neighborhood Association website, <a href="http://www.neighborhoodlink.com/ftw/wmna/">http://www.neighborhoodlink.com/ftw/wmna/</a> Related Article: Fort Worth Weekly 3/26/2008 The East Side Comes Out Swingin' by Jeff Prince <a href="http://www.fwweekly.com/content.asp?article=6793">http://www.fwweekly.com/content.asp?article=6793</a>

### **LISTINGS**



PP 9405DV SELLER

COMPANY: PLS Inc

CONTACT:

Mr. Richard Martin

TITLE:

Director - Divestment Services

ADDRESS:

1201 Louisiana 8th Floor

CITY:

\_\_\_\_

Houston

ST: TX ZIP:

P: 77002

PHN:

713-650-1212

FAX 713-658-1922

EMAIL:

rmartin@plsx.com

OWNED BY A DALLAS BASED REAL ESTATE COMPANY

THE FIRM IS MOTIVATED TO SELL THESE ASSETS.

DENTON CO., TX PKG

28 Wells. 2-Pending New Wells

BARNETT SHALE

4,097.8 Acres. Approved 20 Ac Sp ReFracs; ReCompletions Possible 15-25 Immediate Locations Possible 4-12% NonOperated WI For Sale

Monthly Gas Sales: \$101,500 Mn

Lease Operating Expenses: \$21,165 Mn

Other Deducts: \$1,081 Mn

Production Tax Deduct: \$2,741 Mn Total Cash Flow: \$76,513 Mn After Tax

Devon Energy Product

Eagle Farms #12H;

is #12H; API: 42-121-32728; TRRC: 09-215973; MCFD:

471.5

Eagle Farms #7;

API: 42-121-31733; TRRC: 09-194076; MCFD:

141.7

Eagle Farms Unit #1; API: 42-121-32430; TRRC: 09-207259; MCFD:

**469**.0

Eagle Oil & Gas Co.

AP Lands #1;

API: 42-121-31429; TRRC: 09-192081; MCFD:

0.3

Beall-Knight #1;

API: 42-121-31663; TRRC: 09-193702; MCFD:

47.9

Cates Partner Unit #1; API: 42-121-31566; TRRC: 09-192082;

MCFD: 61.3

Dee Ring #1; 67.4

Denton CJW #1;

API: 42-121-31465; TRRC: 09-192080; MCFD:

API: 42-121-32464; TRRC: 09-208363;

MCFD:184.3

Felix-Weems #1;

API: 42-121-31880; TRRC: 09-202282; MCFD:

63.1

Kay, Nancy #1;

API: 42-121-31644; TRRC: 09-192619; MCFD:

39.6

Lawrence, Darby #1; API: 42-121-32272; TRRC: 09-202289;

LISTING

**ACTIVE/FOR SALE** 

WHR: DENTON & TARRANT CO., TX

WHT: 28-Wells. 1-Completion. 1-AFE Pending.

FLD1: BARNETT SHALE

FLD2:

OBJ 1: 3,641-Acres. 20-Acre Spacing Approved.

OBJ 2: Ongoing Development Drilling.

C1: ReCompletions; ReFracs Possible.

C4:

%WI: 4-12% NonOperated WI For Sale.

PROD: Gross Production: 30 BOPD & 8,200 MC

C2: Current Cash Flow: \$70,000-\$80,000/Mn

CF:

RSRVS: Some Oil Reserves/Conglomerate Possi

c3: 14 Vertical Wells & 13-Horizontal Wells.

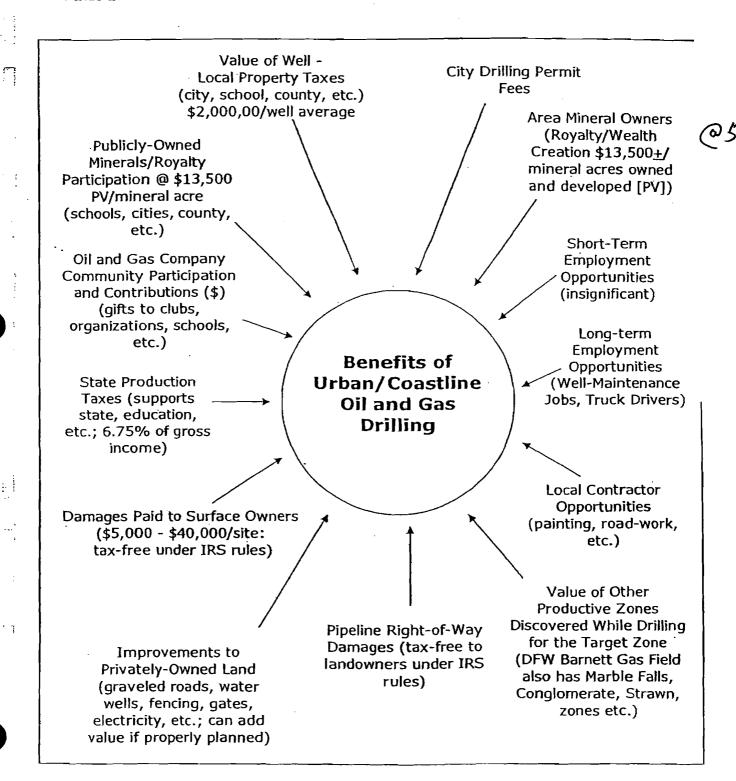
C5:

CDM: Name Brand Operators. Motivated Seller

OTHE \_\_STILL AVAILABLE; CALL FOR UPDAT

### Figure 2: Quantifiable Financial Benefits of DFW Barnett Shale Oil and Gas Drilling in North Texas

By John S. Baen, Ph.D., College of Business Administration, University of North Texas 2005



Suggestion, dove, Baen 3 kinds / # 10,000/year use HRBlock of Accountants 1) Never And. to a 2) Middle of Road \$10,000/year + Upsido Iurane 3) Aggnerice get a CPA and Plan your Arad Not Allin Parable. Estate. 1) Deed Off Al. n. 2) Report All NON-Save 30 0% of Even 0+6 on Ive one Covally 3) Save 30 Type



### Business Degree Programs

COLLEGE OF BUSINESS ADMINISTRATION

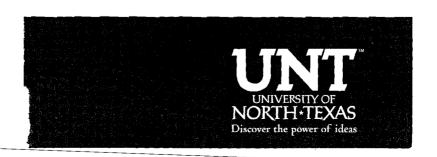
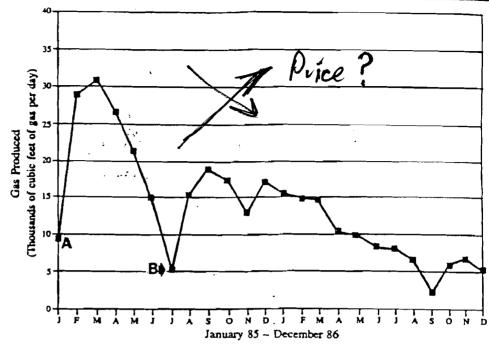
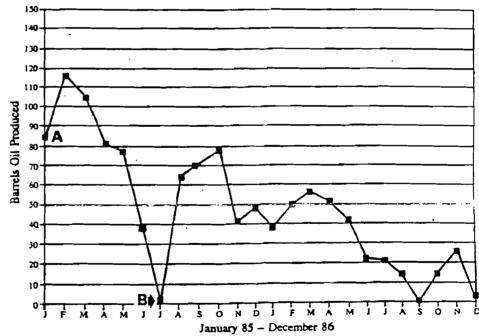


FIGURE 2 Gas and Oil Decline Curves for a Well in North Central Texas





Given adequate comparable sale data, reliable production histories and projections, the professional appraiser can render an opinion of value of the surface, mineral, and royalty estates of a given property.

The value of the three separate

estates for the 200-acre Michigan farm are as follows:

Adjusted value of the	
surface	\$195,000
Value of 50% of minerals	\$20,000
Value of 50% of the royalty	\$189,520
Total estimate of value	\$404,520

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SIDE VIEW OF MULTI-LATERAL WELL 1 SURFACE LOCATION UP TO 7,000 ACRES OF COVERAGE IN ECONOMICALLY VIABLE AREAS, (ALASKA) BY:
JOHN S. BAEN Ph.D.
PROFESSOR OF REAL ESTATE
UNIVERSITY OF MORTH TEXAS
P.O. 80X 310410
DENTON, TEXAS 78203-0410

TEL: (940)565-3071 FAX: (940)565-4234 PROPESSIONAL DRAFTING (214)529-7510

### Figure 4

Side View of Multilateral Drilling of Oil and Gas Wells and Mineral Drainage Development for a 360-acre parcel of land By John S. Baen Ph.D. University of North Texas 2004. (Assumes blanket geologically productive zone and 40 acre spacing)

Figure 3 depicts the same surface land use required for multilateral wells on the subject property. The difference is that in many productive oil and gas areas, there are multiple productive oil and gas zones under the same property. Prior to the development of multilateral well technology, each zone required a new well or sets of wells to be drilled into each zone. Now several zones can be produced through the same well bore having off shoots or "side tracks" that allow for multiple zones production. This new technology reduces surface area impact and damages while maximizing the subsurface mineral production.

Sparani FIGURE 4 2008  Technology dan Authoritans  Layous  UP TO 10,000 FEET HORIZONTALLY	
1 WELL BORE 3 LATERALS 3 DIFFERENT ZONES  8,500 FT.  OIL FORMATION #2  12,600 FT.  GAS FORMATION #3	

Friday, June 13, 2008

More Uptown is coming



Dallas, Texas, Friday, June 13, 2008 75 cents st aper to R It or

Renderings by Crescent Real Estate, Hanes and Boone, H

Gas Watch



Gasoline

Tarrant County

since Jan. 1

Sources: AAA and

district:

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Reside

oto by STEVE BEOWN Staff

## MORE TOW IS GOING UP

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> > **REAL ESTATE**

## \*Home-foreclosure postings increase in Tarrant County

atch  $\dot{\mathbf{n}}_{10}$ by sandra baker sabaker@star-telegram.com

valwThe number of homes posted for foreclosure 2211 climbed slightly in Tarrant County in the past th but nostings for the 10-county DallasWhat the experts say

There is still no sign that the trend of high foreclosures is changing, said George Roddy, president and chief executive of Foreclosure Listing Service. "Foreclosure postings are on the high end of the Ged Nous/Bac Nous of 01/8/

11 Stay catrons"
11 Move Fang Time"
11 Loss Traffic
Move Time

end Journal: Churches Try the Franchise

## ALL STREET J(

**OIL SHOCKE** 

FRIDAY, JUNE 13, 2008 - VOL. CCLI NO. 138

## Stung by Soaring Transport Costs. Factories Bring Jobs Home Again

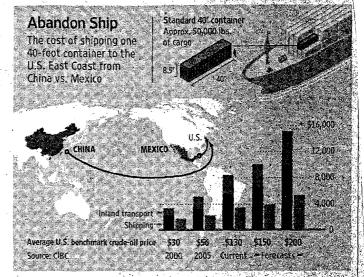
By TIMOTHY AEPPEL

The rising cost of shipping everything from industrial-pump parts to lawn-mower batteries to living-room sofas is forcing some manufacturers to bring production back to North America and freeze plans to send even more work overseas.

"My cost of getting a shipping container here from China just keeps going up—and I don't see any end in sight," says Claude Hayes, president of the retail heating division at DESA LLC. He says that cost has jumped about 15%, to about \$5,300, since January and is set to increase again next month to \$5,600.

The privately held company, known for making the heaters that warm football players on the sidelines, recently moved most of its production back to Bowling Green, Ky., from China. Mr. Hayes says the company was lucky to have held onto its manufacturing, machinery. "What looked like an albatross a year and a half ago," he says, "today looks like a pretty good asset."

The movement of factories to low cost countries further and further away has been a bittersweet three-decade-long story for the U.S. economy, knocking



workers out of good-paying manufacturing jobs even as it drove down the price of goods for consumers. But, after exploding over the past 10 years, that march has been slowing.

The cost of shipping a standard, 40-foot container from Asia to the East Coast has already tripled since 2000 and will double again as oil prices head toward \$200 a barrel, says Jeff Rubin, chief economist at CIBC World Markets in Toronto. He estimates transportation costs are now the equivalent of a 9% tariff

on goods coming into U.S. ports, compared with the equivalent of only 3% when oil was selling for \$20 a barrel in 2000.

"In a world of triple-digit oil prices, distance costs money," Mr. Rubin wrote in a recent report. He figures that for every 10% increase in the distance of a trip, energy costs rise 4.5%.

Transportation costs are just part of a larger wave of inflation sweeping global manufacturing, which has also been pounded by higher costs for basic materials, 'Please turn to page A9

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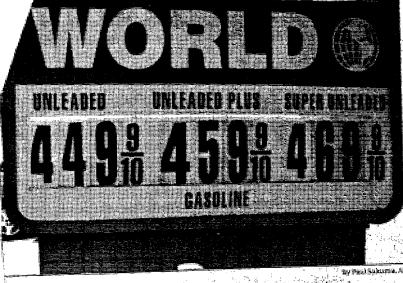
Fri/Sat/Sun, June 13-15, 2008

■ News ■ Money ■ Sports ■ Life

MOITAIVA, but

Disaster looms for airlines, study asserts

The industry is "heading toward a catastrophe" unless oil prices drop or fundamental change occurs.



sign of the times: Gas prices at a station in Supplyvale, Calif., on Wednesday.

Alaska drilling is right approach

hich way o'



At least some airlines liquidate if there are wi cy filings.

"We're in uncharted the magnitude of this," thor, Vaughn Cordle. I his analysis was "a snap situation," and that thi

fuel prices decline or





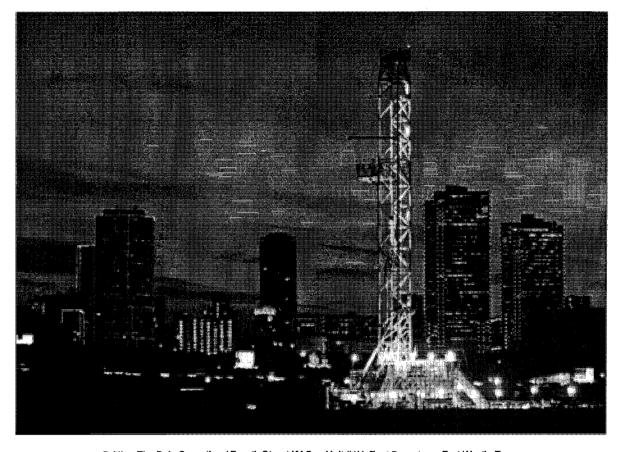
### **Powell Barnett Shale Newsletter**

Barnett Shale in the Fort Worth Basin

Research and News

Since 2003

PERIOD: JUNE 3 TO JUNE 9, 2008

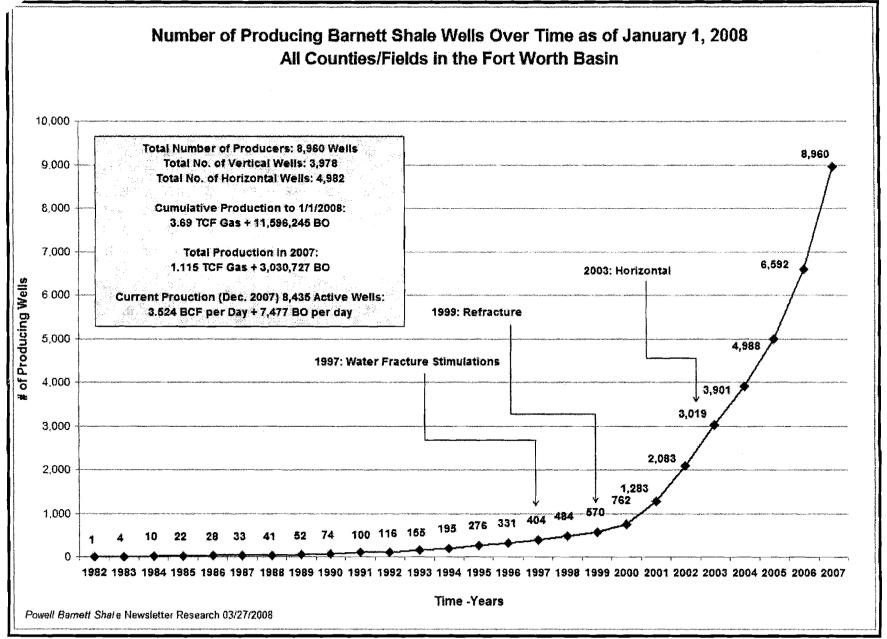


Drilling The Dale Operating / Fourth Street 'A' Gas Unit #1H, East Downtown Fort Worth, Texas October, 2006, Courtesy of Dale Operating, Photo by Mike Fuentes

The purpose of the *Powell Barnett Shale Newsletter* of news and research is to provide a source for management and individual review of current information on the rapidly improving technology and events in the Barnett Shale. The information contained in the *Powell Barnett Shale Newsletter* is for information purposes only. None of the information should be considered as legal, financial, consulting or any other professional advice. Consult your attorney, financial advisor or other professional consultants to determine how various topics may affect your company and/or you individually. Highlights, **bold** and blue type are for emphasis by **Gene Powell, Editor** or **Will Brackett, Managing Editor**. Shale Ventures, LLC is d/b/a the *Powell Barnett Shale Newsletter*.

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For Dr. John S. Baen, by Gene Powell, Powell Barnett Shale Newsletter, 3-28-2008

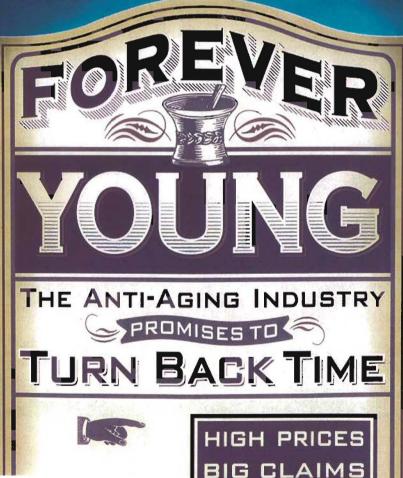
For Dr. John S. Baen by Gene Powell, Powell Barnett Shale Newsletter March 28, 2008 Page 3 of 5

MA BELL'S MAKEOVER (P.30) | IS THE INTERNET PEAKING? (P.90)

The McGraw·Hill Companies

MARCH 20, 2006

www.businessweek.com



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JOHN BAEN

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JACKSBORO TX 76458-3832

WEINTRAUB (P.64)

# Accounting, Finance and ITDS Majors:



Beta Alpha Psi and EnCana present:

A presentation on oil and gas

accounting

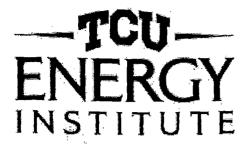
Where: Curry Hall 204

When: Thursday, March 27

Time: 5:00 - 6:30

**Dress:** Business Casual

Food and drinks provided





Tandy Center for Executive



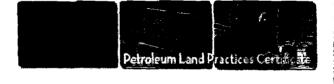
Tandy Center for Executive Leadership

John Baen

**Petroleum Land Practices** October/November 2007 Session **General Class Outline** 

Monday, October 15 8:00-12:00

- Introduction to Program
  - o Class format and curriculum
  - o Class requirements



- Professional
  - o Jobs and Careers
  - o Basic Job Scope
  - o Skills/Competencies Needed
  - o Individual Competency Assessment
    - Partner review
  - O AAPL and Certification

Module 1: The Petroleum Land Dr. Chris Riordan/Dr. John Baum Associate Dean/Executive Director Neelev School of Business

> Robyn Forte, Executive Director AAPL

### 12:00-1:00 Lunch

• Panel Discussion with Petroleum Land Professionals

Jetta Hunt Oil Four Sevens Dallac Ft Worth

Wealth
Taxes for Gov. Schools
Gun Economy
Reconstruct Effect



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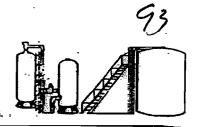
### J. S. BAEN & Associates Inc.

Independent Oil and Gas Consultants
John S. Baen, Ph.D.

P. O. Box 310410

Denton, Texas 76203

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### epresenting Mineral nd Land Owners

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and/ Well-site Planning Construc-

Pipeline Negotiations

/lineral Valuations / Appraisals

icensed Right -of -Way Agent

Certified Real Estate Appraiser

references on Request (Fax Reest to: 940-565-4234)

io Denton, Tarrant, and Wise punty Wells / Leases to Wellhead

rack Record: 30 years of experice, 5,000 acres of minerals and aduction, ownership in 70 wells

er of the Texas Land & Miners Association (TLMA)

ned O & G Article at w.coba.unt.edu/firel/baen

il and Gas Attorney referrals

itigation Support / Expert Witness

finimize Surface Damages

#### ocations

Texas

New Mexico

Oklahoma

Arkansas

Colorado

New Zealand

Paraguay

### Oil and Gas Leases/ Negotiations

- Hunt Oil Company
- Devon Energy Corp.
- EOG Resources Inc.
- EnCana Oil & Gas
- Chesapeake Operating Inc.
- ExxonMobil/ Harding
- Exxuminous Harding
- Burlington Resources O&G
- · ConocoPhilips Co.
- XTO Energy Inc.
- · Miles Production
- Carrizo
- Williams Company
- Trio
- Peba
- Wynn Crosby
- Duke Energy
- Antero Resources
- · J-W Operating Co.
- · General Land Offices
- Adkins
- DUNES Energy
- Walters
- Zebra
- · Dark Horse
- Gulf Tex
- Kingery Drilling

### Legal Firms/ Litigation

- Fulbright & Jaworski
- Susman Godfrey
- Mac Barnhart
- Lee Vendig
- Holland & Hart
- Pryor, Robertson & Barry
- Jackson Walker
- · Chesapeake Oil & Gas Counsel
- David Duckworth
- Shamoun, Klatsky, Norman
- Dale Wooton
- Denton, McKamie & Navarro
- Atlas & Hall
- Leigh Hilton
- Gast, Phillips & Murray

### U.S./ Government Agencies/ Town Hall Meetings/ Consulting/ Workshops

- BLM
- · Office of Mineral Management
- · Dept. of Defense
- Various U.S. Senators/ Congressmen
- DFW Airport Board
- . City of Flower Mound
- · City of Argyle
- · City of Benbrook
- City of Copper Canyon
- City of Denton
- City of Justin
- · City of Double Oak
- . Town of Westlake
- North Richland Hills

### Partial Client List

- Gary Shafer
- Robert Grunah @ H.S. Miller
- · U.S. Government (various agencies)
- Dr. Larry Langston
- Standridge Companies
- Richard Tucker
- · Wells Fargo Trust Dept.
- Marc Myers
- University of North Texas
- Furst Family Trust
- Slidell Baptist Church
- · Hope Lutheran Church
- Briarwood Lutheran Church Camp
- Emmanuel Lutheran Church of Granbury
- 100's of individuals & families

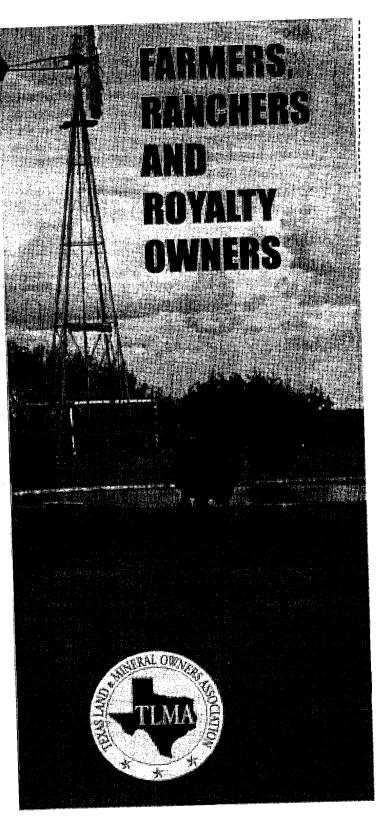
### Oil and Gas Appraisals & Estate Planning

- Frost Bank Trust Dept.
- Langston Family
- Jameson Estate
- Furst Family
- Helms Estate
- Waste Management Inc.
- Maddoux Family
- Lybertt Minerals
- Federal Banking Count

### **Professional Designation and Organizations**

- Texas Certified Appraiser (General)
- . Texas Certified Right of Way Agent
- Texas Real Estate Broker
- Texas Land and Mineral Association (LMA/ VA)
- International Right of Way Association (IRWA/ Honorary)
- South Texas Property Rights Association (STPRA)
   American Association of Professional
- Landsmen (AAPL)

   American Real Estate Society (ARES/ Officer)
- Society of Petroleum Engineering (SPE Membership Pending)



### **Apply Today**

Please check the appropriate box and return this form with your remittance.

Payments of membership dues to the Texas Land and Mineral Owners Association may be deductible as an ordinary and necessary expense of your business; however, they are not deductible as a charitable contribution. A portion of these dues is not deductible as an ordinary and necessary business expense to the extent that Texas Land and Mineral Owners Association engages in lobbying. Contact the TLMA office for the nondeductible portion of dues for the current tax year.

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To the Executive Director and Members of the Texas Land & Mineral Owners Association:

I hereby state that I desire to become a member of this Association. In case of acceptance, I agree to conform to the bylaws governing the Association and to pay the cost of membership checked below.

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Large Land/Royalty Owner

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landowner	royalty owner both
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Ranchers, farmers, landowners and concerned citizens must work together to express our concerns.

UNIVERSITY OF NORTH TEXAS

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But come with a Free Message & INFO.

Newsletter

2007

Here Unofficially 6-19-08

Fuee Info

September 2007

A Co-production of the UNT Real Estate Program and the UNT Real Estate Alumni Association realestatealumni.unt.edu

## 2007 MAJOR PROGRESS AND ACTIVITIES OF THE UNT REAL ESTATE PROGRAM

While state and university budgets have been reduced, our numbers continue to climb and the growth and reputation of the UNT Real Estate program continues to grow! The following represents a snapshot of the last year.

- The program has grown a record pace in terms of faculty and student numbers.
- \*\*Over 20 scholarships were awarded during the last 12 months. Many donors are former recipients of scholarships returning the favor and keep the tradition of giving back alive!
- The UNT Real Estate Alumni held two (2) major functions including the Byron Nelson Dinner/ Lecture/ Gathering and Happy "Hour" at Cool River which lasted until midnight for many!
- Congratulations to Randy Guttery!! He was promoted to Associate Dean for Graduate Programs for COBA. Randy continues to contribute to the Real Estate Program by teaching various courses and attending real estate alumni functions.
- Baen was invited to Washington D.C. to testify on oil and gas issues and had lunch with Newt Gingrich and dinner with

- President Bush! National pipeline and U.S. royalty policies were changed by Congress shortly thereafter.
- Professor Kimberly Geideman was hired away from Texas A&M and is a welcome addition to the Real Estate Program.
- Guttery and Baen attended the American Real Estate Society Meeting in San Francisco in April 2007 where Baen impersonated Donald Trump-wig and all.
- Real estate faculty continue to grace the national press and television coverage on various topics. Yes, we are the "Darlings of the Press Corp."

### The State of Real Estate 2007: The Job Market, Job placements and the UNT Network

New positions or promotions of UNT Real Estate Alumni include but are not limited to the following students (all of whom have let us know about the good things that are happening!)



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John S. Baen, Ph.D.

Professor of Real Estate

Department of Finance, Insurance, Real Estate and Law

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