



**Our Vision . . .**

To achieve healthy, successful, productive, and self-sufficient lifestyles for a proud nation of Choctaws.

**Our Mission . . .**

To enhance the lives of all members through opportunities designed to develop healthy, successful and productive lifestyles.

<http://www.choctawnation.com>

# CHOCTAW NATION SURFACE & MINERAL OUTREACH PROGRAM

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- ✘ We're pleased to inform you the Choctaw Nation of Oklahoma is expanding its new outreach program through our Natural Resources Office. This office will assist individual Choctaw citizens with mineral and surface related questions within the Choctaw jurisdictional area.
- ✘ A new online database will give Choctaw Mineral and Surface Owners an opportunity to help themselves with information that is available online to answer their questions. This database can be accessed by following these simple steps:
- ✘ Go to <http://www.choctawnation.com>;
- ✘ Click on "Services" at the top of the page;
- ✘ On the bottom of this page, in the lower right hand corner, you will see a section called Quick Links. Click on "Frequently Asked Questions."
- ✘ Check for upcoming meeting.
- ✘ *We suggest you consult your own attorney for specific answers if you have a particular legal question or any pending litigation rather than relying on the general information included in this booklet. All information provided is for informational purposes only and should not be considered legal or financial advice. As previously stated, please contact an attorney or an accountant for any legal or taxation questions you may have.*

### **Major Goals of the Office**

Help individual Choctaw citizens with mineral & surface interest related questions within the Choctaw jurisdictional area, ascertain if there is production, and determine whether the individual owners are being compensated and assist Choctaw citizens with any other oil and gas and surface related questions.

Be a source of assistance and a place of referral for the Choctaw Nation, Choctaw Nation Tribal Council Members, and any other government or state agencies to assist Choctaw mineral & surface owner for information and assistance.

## **Basic Information for Choctaw Royalty Owners**

### **Some Helpful Hints on Minerals Leasing**

Check with your neighbors and the surrounding nine sections area for the bonus prices being paid before you sign a lease. Also remember that oil & gas companies do not pay for anything that is not covered in the lease.

#### **DO NOT SIGN A LEASE:**

- For more than a 3 year term
- For less than 3/16 royalty
- For a bonus less than \$50 per acre or whatever the rate is for your area
- Do not sign a strange lease forms.
- Do not succumb to pressure; look for other lessor's
- Write in next to Royalty Clause "without cost into pipeline"
- Strike the warranty clause
- Do not take a bank draft
- Do not include acreage in other sections in one lease
- If you own the surface make sure to addressed in an addendum or attachment to the oil and gas lease for surface damages and the amount to be paid:
- Road for ingress and egress
- Material for building roads
- Pad for rig
- Waste pit
- Right-of-way for pipeline
- Water for drilling wells.
- Fencing around the wells and the equipment.
- Cattle guards and/or gates.
- Remove all inactive equipment, trash and debris.

## **AFTER A LEASE IS A MADE, SOME OF THE FOLLOWING WILL APPLY AND COULD BE HELPFUL.**

Some of the following information was prepared by the Oil & Gas Complaints & Information Department within the Consumer Services Division of the Oklahoma Corporation Commission.

The information contained herein is general in nature and does not specifically relate to any particular case or hearing conducted at the Commission. We suggest you consult your own attorney for specific answers if you have a particular legal question or any pending litigation rather than relying on the general information included in this booklet. All information provided is for informational purposes only and should not be considered legal or financial advice. As previously stated, please contact an attorney or an accountant for any legal or taxation questions you may have.

### **What is a Bonus?**

The amount paid for the right to lease your property for oil and gas and mineral exploration.

### **What is Lease Term?**

The primary terms of the lease contract agreed upon by the lessor and lessee.

### **Who is the Lessee?**

The Person or Company that you lease your property to.

### **Who is the Lessor?**

**The person who owns the property or mineral interest in a oil and gas lease.**

### **What is Natural Gas?**

**Any petroleum hydrocarbon existing in the gaseous phase.**

### **What is Condensate?**

**Liquid hydrocarbon recovered from natural gas.**

## **What is a Barrel of Oil?**

42 (U.S.) gallons of crude oil.

## **What is Market Value?**

The most probable price in terms of money which a property should bring in 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.

## **What does non-producing status mean?**

A lease without producing wells or a lease with wells that have been temporarily shut-in.

## **What is spacing?**

A drilling and spacing order issued by the Corporation Commission joins together certain oil and gas reservoirs within a legally described boundary so that any well drilled within that drilling and spacing unit must have its royalty shared with all the mineral owners within the unit based on the amount of the mineral owner's acreage that is included in the agreement. The oil and gas reservoirs are called "common sources of supply" and several different sources of supply may be spaced in the same order. Often the names of these reservoirs become very important during the hearing. This spacing order communitizes or joins together the royalty interests within the boundaries of the unit.

For example, if the spacing order is 640 acres and you own 320 mineral acres, your decimal interest or participation factor would be determined by placing your 320 over the 640 time your rate of royalty.  $320 \text{ divided by } 640 = .500000$ . If your lease provided for a  $\frac{3}{16}$  rate of royalty, or .1875 then  $.50000 \times .1875 = .093750$  which is your division order share or participation factor. If the gross production from the unit well was \$1,000 dollars then you would take  $.093750 \times \$1,000$  and that equal \$93.75, that would be your gross share of the production prior to taxes.

### **Number of wells that can be drilled in a unit:**

Once the drilling and spacing unit has been created, only one well can be drilled to the common source of supply. The order will also specify the area where the unit well may be drilled. Under certain circumstances, additional wells may be drilled, but only after an application is filed, a hearing conducted, and an Increased Density Order is issued by the commission.

### **Drilling and Spacing Units:**

Below is a list of the standard sizes for drilling and spacing units and the permitted locations within the unit for the well to be drilled.

The well can be located no closer to the unit boundaries than this:

Square Units:

640 acres 1,320 feet  
320 acres 660 feet  
160 acres 660 feet  
80 acres 330 feet  
40 acres 330 feet  
20 acres 165 feet  
10 acres 165 feet

Rectangular Units:

## **What is a Pooling Order and when is it necessary?**

After the drilling and spacing order determines the boundaries of the unit and the reservoirs involved, any person or company owning the right to drill a well within the unit may propose the drilling of a well. After the oil company has proposed the well, the company will try to reach agreement with all the other owners within the unit (do they want to lease to the company who wants to drill, or do they want to join in sharing the cost of drilling the well and thereby own a working interest in the well?).

If the oil company cannot successfully get all the owners within the unit to agree as to how to develop the unit, the oil company can apply to the Commission to have those people or other oil companies who have not agreed, force pooled into the unit. “Force” pooling means that under Oklahoma law the oil company can force those who are undecided to make a decision.

## **How Does Force Pooling and Drilling and Spacing Order apply to restricted Choctaw Indian lands?**

SEC. 11. Of the ACT OF AUGUST 4, 1947 61 Stat. 731, states that all restricted lands of the Five Civilized Tribes are hereby made subject to all oil and gas conservation laws of Oklahoma: *Provided*, That no order of the Corporation Commission affecting restricted Indian land shall be valid as to such land until submitted to and approved by the Secretary of the Interior or his duly authorized representative. **You can view the above Act of Congress at the link below.**

<http://thorpe.ou.edu/treatises/statutes/Fct61.html>

### **Fair market value:**

At the pooling hearing evidence will be taken to establish what prices have been paid for leases within the subject unit and the eight offsetting units. The nine-unit area is the area the Commission usually considers in determining the value of leases. The Commission wants to find the best evidence of the fair market value of the land involved. Often the best evidence is the highest amount, but sometimes the best evidence is not the highest amount. Each case must be judged on the individual facts presented.

### **Term of Pooling Order:**

A pooling order usually, but not always, provides a maximum of 180 days to commence a well. If the operator of the well does not commence operations within 180 days, the pooling order is void. It is not mandatory that the well be drilled at all, however, cash bonuses are due to those electing the cash regardless of whether a well is drilled or not. In some cases, the Commission may grant an extension of time under the pooling order, however, the applicant is sometimes required to pay some percentage of the original cash bonus again, but usually there is no new election.

### **Lease disputes:**

Neither the Commission nor the Choctaw Nation of Oklahoma has any jurisdiction or authority over oil and gas lease disputes. Any problems or questions you have with regard to a leasing problem should be discussed with the person or company you leased to or with your attorney. **If you are an heir to a Departmental Oil and Gas Lease you should contact the Bureau of Indian Affairs. If your lease was approved thru a State District Court, you should contact the Office of the Field Solicitor. If you have questions regarding either one on the above governmental agencies, please contact the Choctaw Nation. Address and Telephone numbers can be found in your handout.**

## **How do you determine who the owner of mineral rights is?**

Example: Your grandfather died, and among his papers you found a mineral deed signed in 1949 indicating that he owned 50% of the minerals under the described land. Has there been production on this land, and where do you go to get the money?

## **Surface rights versus the rights of the oil operator:**

Example: My wife and I bought ten acres of land, surface rights only, to serve as our retirement home. We have planted an orchard and improved it in general. Along comes an oil company, who tells us that they are going to drill a well in the middle of our orchard. Can they do this?

If you owned the surface rights only and if the operator has chosen a drilling site location on your land and if the location is in compliance with Commission regulations for well locations, the oil company can go ahead and drill on the location they chose. However, 52 O.S. Sections 318.2 through 318.9, requires certain negotiations between the oil company and the surface owner with regard to surface damages. You should contact your attorney to ascertain if the oil company is complying with the [Surface Damages Act](#). The Corporation Commission has no jurisdiction or authority over surface damages or any direct relationship with this law. **If you are ½ or more Five Civilized Tribes Indian blood and the interest you acquired was owned in a restricted status when you acquire it, then you should contact the Choctaw Nation for assistance.**

**My grandmother passed away about three or four years ago. When she passed, she was receiving a royalty check, but no royalty checks have been received since she died. What should we do?**

1. Attempt to find an old check stub from a previous royalty check, or if she has brothers or sisters, attempt to get a stub from them.
2. A check stub will show the owner number, as well as the well number and a possible location for section, township & range. The stub should also contain a telephone number for customer service.
3. Most oil and gas purchasers will hold the royalties in a suspense account until the heirs have been determined, but normally not longer than 6 years.
4. You should contact a private attorney in order to start the determination of heirs process. In some cases the Choctaw Nation may have information pertaining to the surface and minerals your grandmother may have owned.
5. You should also check county records for information that may be available from their office regarding land ownership and possibly an old probate for a family member that your grandmother may have acquired properties from.
6. Once the probate is finalized a copy should be furnished to the purchaser. Then a new division order will be sent to you reflecting your ownership. The division order will need to be signed and returned. Once this is accomplished you should begin receiving the royalties they have held in suspense. You should also begin receiving your future royalties from any well(s) you now own.

**Well placement for unspaced lands:**

Commission rule 165:10-1-21 is the regulation which addresses well locations on unspaced lands. As long as the well complies with these limits, the only other restriction would be any private agreement such as a lease that states how many feet from structures such as homes or barns, the well must be located.

“Any well drilled for oil or gas to an unspaced common source of supply 2,500 feet or more in depth shall be located not less than 330 feet from any property line or lease line, and shall be located not less than 600 feet from any other producible or drilling oil or gas well when drilling to the same common source of supply; provided and except that in drilling to an unspaced common source of supply that is less than 2,500 feet in depth, the well shall be located not less than 165 feet from any property line or lease line, and not less than 300 feet from any other producible or drilling oil or gas well in the same common source of supply; provided, however, that the completed depth of the discovery well shall be recognized as the depth of the common source of supply for the purpose of this rule; provided further, when an exception to this rule is granted, the Commission may adjust the allowable or take such other action as it deems necessary for the prevention of waste and protection of correlative rights.”

## FENCING

My operator refuses to place a fence around my well. He also refuses to install a cattle guard. The pumper always leaves my gate open, and my cattle get out. Can the Commission do anything about this?

Commission rules do not demand fencing of a well; neither do we have authority over cattle guards and/or gates. If you owned the surface and mineral this issues should have be addressed in an addendum to the oil and gas lease or in the surface damage agreement. If the well is within city limits, city ordinances may require fences. **You may wish to contact the Choctaw Nation to see if they can be of assistance.**

## **How close to my house may a well be drilled?**

Commission rules have no restrictions concerning distances from a residence. Study your lease. Many leases will stipulate that a well may not be located closer than 200 feet to a house or barn. If you do not own the mineral rights, check at the county courthouse and see if you can look at the lease, which should be filed there. Also, if you live within the limits of a city, there may be an applicable ordinance.

52 O.S. Section 320.1 states that it is unlawful to locate a habitable structure within one hundred twenty-five feet of an active well or within fifty feet of any surface equipment without a written agreement between the surface owner and the well operator specifying different distances.

## **Production from my Property?**

The well on my property has been completed for some time, but I have heard nothing concerning it. I think it is producing, for there is a Christmas tree and storage tank, but I have received no check. How long must I wait until I am paid?

The Commission has no power or function over payment of proceeds. The power lies in District Court. **You can contact the Choctaw Nation, they will research the problem and find out what the problem is.**

## INTENT- TO -DRILL

I have received a copy of intent-to-drill on my land, but I have never signed a lease. This intent has been approved by the Corporation Commission. How can you approve intent under these conditions?

Since the Corporation Commission has no jurisdiction in the area of leases, the validity of a lease would not have any bearing on the approval of the intent. Approval is based only on the items appearing on the intent, which are within the jurisdiction of the Commission. **If your property is not leased, please contact the Choctaw Nation for assistance.**

## DIVISION ORDERS

**I have received a division order from the oil or gas company: They asked me to sign and return it. Can you help me determine if my interest as given therein is correct?**

A division order stipulates the percentage of royalty that one owns, and is the instrument by which the oil or gas company makes payment of proceeds. The royalty owner should ascertain that his or her percentage is correct before signing. If uncertain, they should contact their attorney, banker, or some knowledgeable source. The Corporation Commission has no function with division orders. **You can asked the Choctaw Nation for help in this matter. You would need to provide a copy of your lease, a copy of the spacing order and the number of mineral acres that you owned along with a copy of your Division Order.**

**The oil well on my land has stopped producing and has been abandoned. Please send me a release of my lease.**

The Corporation Commission has no functioned whatsoever with leases, and cannot release your lease. For this, you should contact the operator of the well. 41 O.S. Section 40 relates to the release of leases.

The Commission can issue a Certificate of Records Search under certain circumstances, which may be filed for record in the county where the land lies. Often, if the Lessor cannot be located, this instrument can help in obtaining a release of a lease. At this time, the cost for such a certificate is ten dollars per quarter section or section thereof.

## Restoration of Surface

An oil company has drilled on my land and, having completed the well, moved away leaving considerable inactive equipment as well as all sorts of trash and debris. Can they be made to clear the site?

Although the pit has been filled on my land, the road is rough and rutted. This land is unusable as is. Can I make the company restore the surface and sow grass seeder rule 165:10-3-17 all surface trash and debris must be removed from the premises. With the surface owner's permission the operator may bury non-hazardous material including cement bases.

Under rule 165:10-3-17 the area of the road is to be restored to as near to its natural state as reasonably possible and a bona fide effort must be made to restore the vegetative cover within 180 days after abandonment of the property. **If the problem is not resolve, please contact the Choctaw Nation.**

### **Lawyer Referral Service:**

Lawyer Referral Service is no longer available from the Oklahoma Bar Association; however, you can find a listing of attorneys by category on the Bar Association website at [www.okbar.org](http://www.okbar.org). Also, refer to your yellow pages directory for “Attorney Referral Services”.

### **Oil & Gas Complaints & Information:**

The Commission has an Oil & Gas Complaints & Information Department [www.occeweb.com](http://www.occeweb.com) located on the fourth floor of the Jim Thorpe Building. Additional questions and concerns can be sent to them by mail or you may call them at (405) 521-2613.

## Production Information

The Oklahoma Tax Commission (405) 521-4558 has the records on gross production, including volumes and values, from individual wells because they are responsible for collecting state production taxes on any oil or gas produced in Oklahoma. The figures given to you by your oil company should match those reported to the Oklahoma Tax Commission. The Oklahoma Tax Commission can provide information regarding volumes and values of production sold.

Gas volumes from 2001 forward can be found on the OCC website at [www.occeweb.com/Orawebapps/OCCOraWebApps.html](http://www.occeweb.com/Orawebapps/OCCOraWebApps.html). Oil volumes and production values are not available on the OCC website

Gas price value for Southeastern Oklahoma (use zone 3), can be found on the MMS website at

<http://www.mrm.mms.gov/TribServ/allzones.htm>

## **Can I find information about my well on the internet?**

Basic well information is available on the OCC website at [www.occeweb.com](http://www.occeweb.com), arrow down to Oil and Gas Conservation then click on Oil and Gas Database and follows instruction. Your will need basis information, such as the legal description of your property, example is Section 1-Twp 10N Rge 26E. **If you need help contact the Choctaw Nation.**

## **How do I get unclaimed royalties that have been turned over to the State?**

Contact the Unclaimed Property Department at the State Treasurer's Office at 45445 N. Lincoln Blvd., Oklahoma City, OK 73105, (405) 521-4273, or you can use the OCC website at <http://www.occeweb.com/MOEASearch/>. There are several websites where you can search for unclaimed property in all states. **If you need help contact the Choctaw Nation.**

## **Oklahoma Corporation Commission District Offices:**

District I Bristow (918) 367-3396

District II Kingfisher (405) 375-5570

District III Duncan (580) 255-0103

District IV Ada (580) 332-3441 (Choctaw Area)

<http://www.occeweb.com/Divisions/OG/newweb/ogdistricts.htm>

For additional information go to the following website:

## Helpful Telephone Numbers for Choctaw Citizens Living Inside the Choctaw Nation

<http://www.choctawnation.com/government/tribal-council-members/>

### **District #1**

**Hap Ward**

**1413 S.E. Monroe**

**Idabel, OK 74745**

**(580) 286-5686**

### **District #2**

**Mike Amos**

**504 Circle Dr.**

**Broken Bow, OK 74728**

**(580) 584-7342**

### **District #3**

**Kenny Bryant**

**Rt. 1, Box 5060**

**Talihina, OK 74571**

**(918) 567-3473**

### **District #4**

**Delton Cox**

**103 E George**

**Pocola, OK 74902**

**(918) 436-1884**

**Helpful Telephone Numbers for Choctaw Citizens  
Living Inside the Choctaw Nation**

**District #5**

**Charlotte Jackson**

**P.O. Box 215**

**Keota, OK 74941**

**(918) 966-3369**

**District #6**

**Joe Coley**

**P.O. Box 661**

**Wilburton, OK 74578**

**(918) 465-0189**

**District #7**

**Jack Austin**

**P.O. Box 725**

**Clayton, OK 74536**

**(918) 569-4804**

**Helpful Telephone Numbers for Choctaw Citizens  
Living Inside the Choctaw Nation**

**District #8  
Perry Thompson  
Rt. 2, Box 846  
Hugo, OK 74743  
(580) 326-9466**

**District #9  
Ted Dosh  
28752 DR 70 E  
Bennington, OK 74723  
(580) 847-2536**

**Helpful Telephone Numbers for Choctaw Citizens  
Living Inside the Choctaw Nation**

**District #10  
Anthony Dillard  
1182 S. Nix Rd  
Caney, OK 74533  
(580) 889-6420**

**District #11  
Bob Pate  
P.O. Box 1695  
McAlester, OK 74502  
(918) 423-4592**

**District #12  
James Frazier  
P.O. Box 134  
Coalgate, OK 74538  
(580) 927-2727**

**Helpful Telephone Numbers for Choctaw Citizens  
Living Inside the Choctaw Nation**

**FOR THOSE CHOCTAW CITIZENS WHO LIVE OUTSIDE THE CHOCTAW  
NATION WHO NEED ASSISTANCE WITH THEIR MINERAL & SURFACE  
INTEREST PLEASE CONTACT THE CHOCTAW NATION OF OKLAHOMA.**

**CHOCTAW NATION OF OKLAHOMA  
DRAWER 1210  
DURANT, OKLAHOMA 74702-1210  
TELEPHONE NUMBER 580-924-8280 EXT 2259  
Toll Free 1-800-522-6170 EXT 2259**

## Helpful Telephone Numbers Restricted Indian Royalties

OFFICE OF THE FIELD SOLICITOR (OFS)  
7906 EAST 33 STREET, SUITE 100  
TULSA, OKLAHOMA 74145  
TELEPHONE NUMBER: 918-669-7730

BUREAU OF INDIAN AFFAIRS (BIA)  
EASTERN OKLAHOMA REGIONAL OFFICE  
P. O. BOX 8002  
MUSKOGEE, OKLAHOMA 74402-8002  
TELEPHONE NUMBER 918-781-4687

BUREAU OF LAND MANAGEMENT (BLM)  
TULSA FIELD OFFICE  
7906 EAST 33<sup>RD</sup> STREET, STE 101  
TULSA, OKLAHOMA 74145-1352 TELEPHONE NUMBER 918-621-4100

OFFICE OF THE SPECIAL TRUSTEE (OST)  
FIDUCIARY TRUST OFFICER  
CHOCTAW & CHICKASAW OST  
EASTERN OKLAHOMA  
2015 LONNIE ABBOTT BLVD  
P.O. BOX 156  
ADA, OKLAHOMA 74821  
TELEPHONE 580-235-0291

**Helpful Telephone Numbers Restricted Indian  
Royalties**

**MINERAL MANAGEMENT SERVICES (MMS)  
STATE & INDIAN OUTREACH  
OKLAHOMA REGION  
4013 NW EXPRESSWAY, SUITE 220  
OKLAHOMA CITY, OKLAHOMA 73116  
TOLL FREE 1-800-354-7015**

**CHOCTAW NATION OF OKLAHOMA  
DRAWER 1210  
DURANT, OKLAHOMA 74702-1210  
TELEPHONE NUMBER 580-924-8280 EXT 2259  
Toll Free 1-800-522-6170 EXT 2259**



## REQUEST FOR ASSISTANCE REGARDING MY MINERAL & SURFACE INTEREST

Choctaw Nation of Oklahoma  
Division of Natural Resources  
Drawer 1210

Durant, OK 74702-1210

Name (please print)

First \_\_\_\_\_ Middle \_\_\_\_\_ Last \_\_\_\_\_

Maiden \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP Code \_\_\_\_\_ County \_\_\_\_\_

Phone Number: \_\_\_\_\_ Description of Property \_\_\_\_\_

County : \_\_\_\_\_ Problem(s) you are experiencing: \_\_\_\_\_

O&G Company \_\_\_\_\_ Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_ Phone Number \_\_\_\_\_ Owner

Number \_\_\_\_\_ Property Number \_\_\_\_\_ Well Name \_\_\_\_\_

PLEASE ATTACH A COPY OF ANY INFORMATION YOU HAVE REGARDING YOUR PROPERTY. THIS WILL HELP US ANSWER YOUR QUESTIONS. IF YOU NEED COPIES MADE, SOMEONE WILL ASSIST YOU AT THE MEETING.

Signature \_\_\_\_\_ Date \_\_\_\_\_

PLEASE CHECK THE PROPER DISTRICT AND PRECINCT.

District 1

Idabel

Valliant

District 2

Broken Bow

Bethel

District 3

Burkhart

Smithville

Talihina

Heavener

District 4

Poteau

Spiro

Summerfield

Heavener

District 5

Stigler

Kinta

Keota

Spiro

District 6

Buffalo

RedOak

Wilburton

Quinton

District 7

Antlers

Choctaw Council House

Rattan

Wright City

District 8

Hugo

Boswell

Fort Towson

District 9

Bennington

Durant

Calera

District 10

Atoka

Kiowa

Stringtown

Caddo

Lane

District 11

Hartshorne

McAlester

Kiowa

District 12

Coalgate

Canadian

Atwood

Tupelo

Arpelar

NW NW NW	NE NW NW	NW NE NW	NE NE NW	NW NW NE	NE NW NE	NW NE NE	NE NE NE
SW NW NW	SE NW NW	SW NE NW	SE NE NW	SW NW NE	SE NW NE	SW NE NE	SE NE NE
NW SW NW	NE SW NW	NW SE NW	NE SE NW	NW SW NE	NE SW NE	NW SE NE	NE SE NE
SW SW NW	SE SW NW	SW SE NW	SE SE NW	SW SW NE	SE SW NE	SW SE NE	SE SE NE
NW NW SW	NE NW SW	NW NE SW	NE NE SW	NW NW SE	NE NW SE	NW NE SE	NE NE SE
SW NW SW	SE NW SW	SW NE SW	SE NE SW	SW NW SE	SE NW SE	SW NE SE	SE NE SE
NW SW SW	NE SW SW	NW SE SW	NE SE SW	NW SW SE	NE SW SE	NW SE SE	NE SE SE
SW SW SW	SE SW SW	SW SE SW	SE SE SW	SW SW SE	SE SW SE	SW SE SE	SE SE SE

A typical section showing the various ten-acre tracts and their location within that section. According to the Oklahoma Groundwater Law, each groundwater well location must be described to the nearest ten-acre tract.

# THE UNITED STATES LAND SURVEY SYSTEM

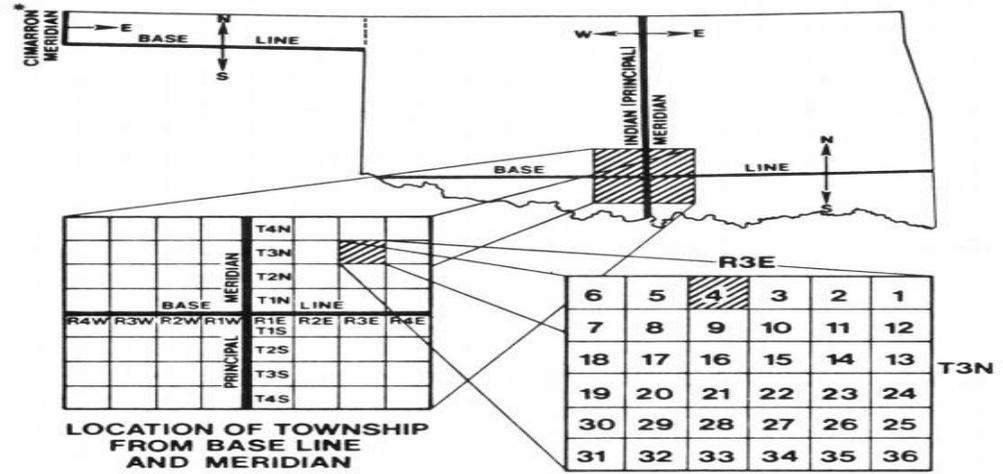
## OKLAHOMA WATER RESOURCES BOARD

THE UNITED STATES LAND SURVEY SYSTEM is cartographically represented by lines running North and South and East and West. These lines are six miles apart and the square formed in this manner contain thirty-six square miles and are called Congressional Townships. This system of survey starts from the intersection of a principal Meridian and a Base line.

Oklahoma has two systems of intersecting Base lines and meridians. The system covering the major portion of the state extends north and south from the Base line near the southern border and east and west from the Indian meridian which bisects the state through the center.

\*The second system serves the panhandle only. It extends north and south from a Base line which lays nearly parallel to, and as much as 300 feet north of the southern border therefore leaving township one south only a small strip of land along the north side of sections one through six of each range. It extends east from the Cimarron meridian which is also the west border of the panhandle.

Numbers starting from each intersection of a principal Meridian and Base line, increasing North or South along the Meridians are known as Township Numbers, and those going East and West along the Base lines are called Range Numbers.



LOCATION OF TOWNSHIP FROM BASE LINE AND MERIDIAN

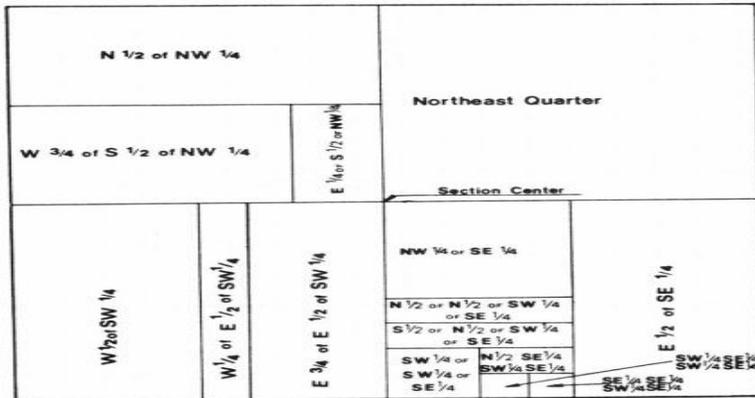
SECTION NUMBERING IN A TOWNSHIP

EX: SEC. 4 T3N R3E

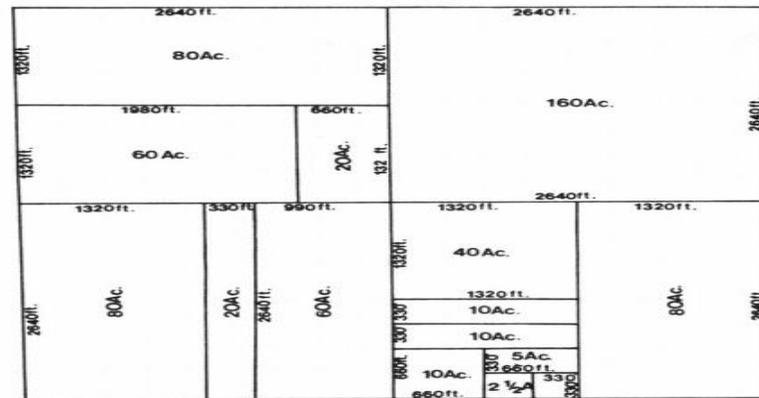
### LAND MEASURE

- A Rod = 16½ ft.
- A Chain = 100 links, 66 ft. or 4 rods
- A Mile = 320 rods, 80 chains or 5280 ft.
- A Square Rod = 272½ sq. ft.
- An Acre contains 43,560 sq. ft.
- An Acre contains 160 sq. rods

- An Acre is about 208½ ft. square
- An Acre is 8 rods wide by 20 rods long, or any two numbers of rods whose product is 160 square rods.
- 25 x 125 ft. = .07 of an acre
- A Section = 640 acres



LEGAL METHOD OF DESCRIBING FRACTIONAL PARTS OF A SECTION.



ACREAGE & DIMENSIONS OF FRACTIONAL PARTS OF A SECTION.