

PERMIT APPLICATION PACKAGE



OSAGE NATION UIC
FIRST NATIONAL BANK BLDG.
100 W. MAIN ST., STE. 304
PAWHUSKA, OK 74056
Tel: 918/287.5333
Fax: 918/287.5581

Most injection wells which are currently operating in Osage County are “Authorized By Rule” (ABR) and need not apply for an individual permit. However, wells in the following categories must apply for and receive an EPA permit to construct or operate oil and gas related injection wells in Osage County:

1. Any well constructed or completed after December 30, 1984;
2. Any *production* well converted to an injection well after December 30, 1984;
3. In a utilized operation, any new well which is not authorized by a previous permit;
4. Wells which the operator wishes to operate outside rule requirements (e.g., at a higher pressure than authorized by rule.).
5. Wells which were authorized by rule but have not been identified as one of the following:
 - a. being in violation of the rule;
 - b. no longer within the category of rule authorized well;
 - c. needing additional restrictions to protect underground source of drinking water (USDW’s).***

Please include or reference all the information requested in this package so that we may quickly process your application without delay. A copy of this application package will be immediately forwarded to the Osage Agency BIA and EPA. For additional copies of the permit package, please visit our website @ www.osagetribe.com and click on the Environmental & Natural Resources tab located on the right side of the page under Department Directory.

At any time, if you have questions about the information requested, please call our office at 918.287.5333. We will be happy to assist you.

******Operators of wells in this category will receive a letter from the Dallas EPA directing them to apply for a permit.***

Well Name & No.: _____

Permit #: _____

Date Rec'd: _____

PERMIT APPLICATION CHECKLIST

	Attached	Not Attached	
1.	_____	_____	Osage Form 139, "Application for Operation or Report on Wells.
2.	_____	_____	Osage Form 208 "Completion Report".
3.	_____	_____	Copy of Plat Map showing wells within 1/4 mile radius of proposed well.
4.	_____	_____	Tabulation of data on wells within 1/4 mile radius including well name, company name, date drilled, depth, exact location, status of well & record of pluggings/completions.
5.	_____	_____	Injection well schematic showing total depth and plugback depth, depth from top & bottom of casing(s) & cemented intervals, cement amount, depth & size of casing & tubing, including depth of packer.
6.	_____	_____	Operating data including: type of well; maximum and average injection rate; source and analysis of injected fluids including TDS, chlorides and additives; major geological formation with top bottoms.
7.	_____	_____	Geological data of the injection zones including name(s), total thickness, porosity, lithologic description, permeability, injection depth, reservoir pressure/fluid level. Address the presence or absence of faults.
8.	_____	_____	Public Notice verifications, consisting of a list showing names, addresses, and date that notice of permit application was given or sent to the surface land owner, tenants of land where the injection well will be located, each operator of a producing lease within 1/2 mile of the well location.
9.	_____	_____	All available logging & testing data of the well attached.

	Attached	Not Attached	
10.	_____	_____	Copy of surety bond filed with the BIA superintendent (25 CFR §266.6).
11.	_____	_____	Certification form signed by the well owner/operator or authorized representative. (Authorization must be attached & in writing.)
12.	YES	NO	Has the applicant declared any part of his submission as confidential? {147.2907}
13.	YES	NO	Is the well currently Authorized by Rule? If yes, Inventory No._____.
14.	YES	NO	Was the applicant required by EPA to apply for a permit?
15.	YES	NO	Is the permit applicant the owner/operator. (Circle one or both.)
16.	YES	NO	Has the applicant requested emergency authorization to inject? If yes, attach emergency checklist.
17.	YES	NO	Berms and all facilities associated with saltwater system adequate?

Pawhuska Technician/Administrative Review

Date

6W-SE Reviewer

Date

Owner/Operator: _____ Permit# _____

PERMIT TRACKING PROCEDURE CHECKLIST

Date

Initial

- | | | |
|-------|-------|-------------------------------------------------------------------------------------------------------------------------|
| _____ | _____ | Application logged in; Number Assigned & Receipt Date Stamped on Application. |
| _____ | _____ | Application reviewed for completeness. |
| _____ | _____ | Surety bond attached. |
| _____ | _____ | Operator notified of incompleteness. |
| _____ | _____ | Application terminated due to no response within 30 days. |
| _____ | _____ | Application determined complete & file started on well. |
| _____ | _____ | Completion letter mailed to operator. |
| _____ | _____ | Transmitted copy to BIA & EPA. |
| _____ | _____ | RBDMS data entered & well schematic prepared. |
| _____ | _____ | Date of 6-W Signature. |
| _____ | _____ | Draft Permit, Statement of Basis, Public Notice & Letter of Intent signed & mailed to operator & BIA. |
| _____ | _____ | Data Entry Accomplished. |
| _____ | _____ | Public Notice submitted to newspaper. |
| _____ | _____ | Public Notice publication verified. |
| _____ | _____ | Comment Period Ends. |
| _____ | _____ | Comments reviewed & 6W decided whether to hold public hearing. <input type="checkbox"/> YES <input type="checkbox"/> NO |
| _____ | _____ | Permit Finalized & Response to Comments prepared. (IF REQUIRED) |
| _____ | _____ | Final Permit Approved; Returned for concurrence if different from Draft Permit. |
| _____ | _____ | Final Permit, Cover Letter to Operator; Responsiveness Summary, etc. sent to applicant, Osage UIC & BIA. |
| _____ | _____ | Responsiveness Summary including Final Permit decision mailed to appropriate parties. |
| _____ | _____ | Permit effective date:_____ |
| _____ | _____ | Complete inventory data sheet & complete data entry. |
| _____ | _____ | Permit appealed to Administrator? <input type="checkbox"/> YES <input type="checkbox"/> NO |
| _____ | _____ | Proof of MIT mailed to Dallas. |
| _____ | _____ | Notice to operator authorizing injection. |

This page must be printed on blue.

DEPARTMENT OF THE INTERIOR

Osage Indian Agency

PAWHUSKA, OK 74056

APPLICATION FOR OPERATION OR REPORT ON WELLS

Date: _____

(Commencement money paid to whom) _____ (Date) _____ (Amount) _____
Well No. _____ is located _____ ft. from (N/S) line and _____ ft. from (E/W) line.
_____ Osage County, Oklahoma.

(1/4 Section & No.) _____ (Township) _____ (Range) _____
The elevation of the (surface/derrick floor) above sea level is _____ ft.

**USE THIS SIDE TO REQUEST AUTHORITY FOR WORK
(Three copies required.)**

Notice of intent to:

- Drill
- Plug (\$15 fee)
- Deepen/plug back
- Convert
- Pull/alter casing
- Formation treatment

Details of Work

Drilling application will state proposed TD & Horizons to be tested. Show size & length of casings to be used. **Plugging** application shall set forth reasons for plugging & detailed statement of proposed work. Plugging will not commence for 10 days following approval date unless authority granted.

Well production prior to work. _____ bbls oil _____ bbls. wtr./24hrs.

I understand this plan of work must receive approval in writing before operations may be commenced.

Lessee: _____

Signature: _____

Title: _____

Address: _____

City/State/Zip: _____

Phone No.: _____

**USE THIS SIDE TO REPORT ON WORK COMPLETED
(One copy.)**

Character of well (oil, gas, dry) _____

Subsequent report of:

- Conversion
- Formation treatment
- Alter casing
- Plugging back
- Plugging

Details of Work & Results Obtained

Work commenced on _____

Work completed on _____

(Continue on reverse side if necessary.)

This block for plugging information only.

CASING RECORD

SIZE	IN HOLE WHEN STARTED	AMT. RECOVERED	DEPTH / HOW

ORIGINAL TOTAL DEPTH:

Lessee: _____

By: _____

Subscribed & sworn to me on the _____ day of _____, _____.

NOTARY PUBLIC

COMM. EXP.

Spot well on plat.

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 OSAGE AGENCY
 PAWHUSKA, OK 74056
 Report of Completed & Deepened Wells
 Within the Osage Reservation



Oil, Gas, SWD, Dry, etc.

One original report must be filed within 10 days after completion of well.

Company Operating: _____ Address _____

Lessee: _____ Lessor: **OSAGE TRIBE**

Well No.: _____ ¼ _____ Section _____ Township _____ Range _____ Farm Name _____

KB _____

Elevation DF _____

GL _____

Well located _____ feet from { N / S } line, _____ feet from { E / W } line.

Elevation and location surveyed by: _____

Drilling contractor(s): _____ Began _____ Finished _____

Rotary drilled interval & bit size(s): _____

Cable drilled interval & bit size(s): _____

Casing used in drilling			Casing left in hole			Cement used, include gel & additives	
Length	Size	Weight	Thread	Length	Landed	Interval cemented	
ft.	ins.	lbs./ft.	/in.	ft.	ft.	_____	to _____
_____	_____	_____	_____	_____	_____	_____	to _____
_____	_____	_____	_____	_____	_____	_____	to _____
_____	_____	_____	_____	_____	_____	_____	to _____

Intervals perforated _____ holes _____ to _____; _____ holes _____ to _____; _____ holes _____ to _____

Intervals left open _____: Intervals shut off & methods _____

Plug back depth _____ Packer set? YES / NO Setting Depth _____ Packer left in? YES / NO

How were fresh water & other zones protected? _____

INITIAL PRODUCTION BEFORE TREATMENT

Flow _____ Pump _____ Swab _____ Bail _____

Initial Potential Rate for 24 Hour Period

Casing _____ Tubing _____ Choke size _____ Oil _____ bbls. Gas _____ MMCF, Water _____ bbls.

Duration of test _____ hrs. Gravity _____ API SICP _____ psi SITP _____ psi

Formation treatment (shot, acid, fracture, etc.). Indicate amount of materials used (i.e., nitro, sand, water, acid or other).

_____ feet to _____

_____ feet to _____

_____ feet to _____

INITIAL PRODUCTION AFTER TREATMENT & RECOVERY OF LOAD

Flow _____ Pump _____ Casing _____ Tubing _____ choke size _____

Initial Potential Rate for 24 Hr. Period

Duration of test _____ hrs., Gravity _____ API Oil _____ bbls. Gas _____ MMCF, Water _____ bbls.

Location fee paid _____ Date _____ Amount \$ _____

Signature _____ Position with Lessee _____

TABULATIONS OF WELLS WITHIN ¼ MILE RADIUS OF PROPOSED INJECTION WELL

Well Name _____ Company Name _____ Date Drilled _____ Depth _____

Location _____ F _____ L & _____ F _____ L, _____ /4, Sec. _____, T _____ N, R _____ E Status _____

Elevation _____ (GL/KB)

Hole Size (inches)	Casing Size (inches)	Landed Depth (feet)	Cement & Additives Data	Top of Cement (feet)	If well is TA or PA Describe How:

Formations open to wellbore: _____

*

Well Name _____ Company Name _____ Date Drilled _____ Depth _____

Location _____ F _____ L & _____ F _____ L, _____ /4, Sec. _____, T _____ N, R _____ E Status _____

Elevation _____ (GL/KB)

Hole Size (inches)	Casing Size (inches)	Landed Depth (feet)	Cement & Additives Data	Top of Cement (feet)	If well is TA or PA Describe How:

Formations open to wellbore: _____

*

Well Name _____ Company Name _____ Date Drilled _____ Depth _____

Location _____ F _____ L & _____ F _____ L, _____ /4, Sec. _____, T _____ N, R _____ E Status _____

Elevation _____ (GL/KB)

Hole Size (inches)	Casing Size (inches)	Landed Depth (feet)	Cement & Additives Data	Top of Cement (feet)	If well is TA or PA Describe How:

Formations open to wellbore: _____

WELL SCHEMATIC

Operator: _____
Completion Date: _____

Well Name & No.: _____
_____ ft. {N / S} line and _____ ft. from {E / W}
_____ ¼ Section _____ Township _____ Range _____

Surface Elevation: _____

Tubing Size: _____
Weight: _____
Length: _____

Packer Type: _____
Set at: _____

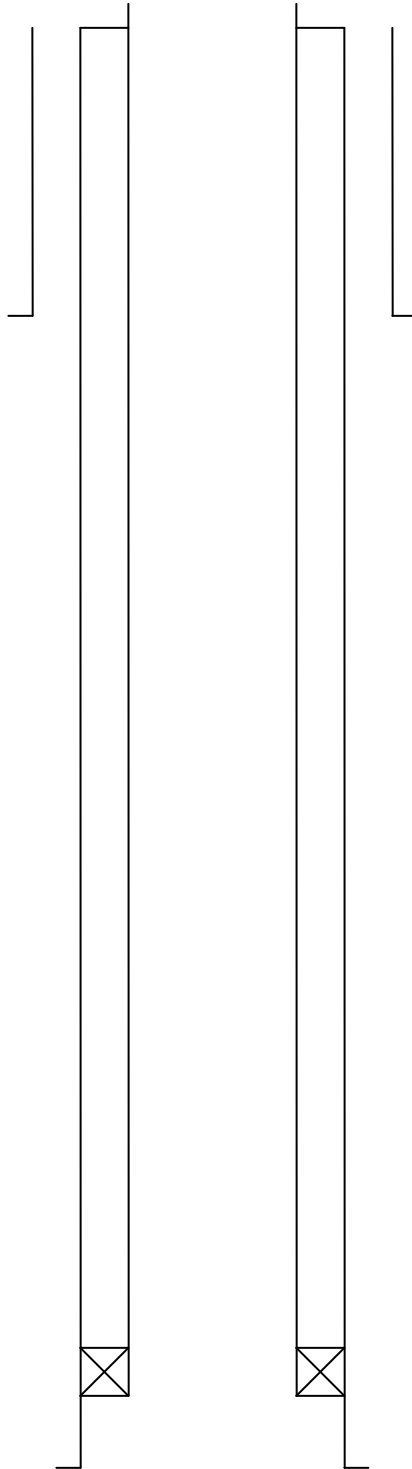
Formation(s) perforated above
packer: _____ to _____;
_____ to _____

Formation(s) perforated below
packer: _____ to _____;
_____ to _____

Open hole below production
Casing from _____ to _____
Formation(s) present in open
hole: _____

SURFACE CASING DATA

Hole size: _____ inches
Casing size: _____ inches
Weight: _____ lb/ft.
Length: _____ ft.
Cement type: Class _____
Amount: _____ sx.
Additives: _____
Casing set at: _____ ft.
Top of cement: _____ ft.
Method of
determination _____



INTERMEDIATE LINER/CASING
Hole size: _____ inches
Casing size: _____ inches
Weight: _____ lb/ft.
Length: _____ ft.
Cement type: Class _____
Amount: _____ sx.
Additives: _____
Casing set at: _____ ft.
Top of cement: _____ ft.
Method of
determination _____

PRODUCTION CASING DATA
Hole size: _____ inches
Casing size: _____ inches
Weight: _____ lb/ft.
Length: _____ ft.
Cement type: Class _____
Amount: _____ sx.
Additives: _____
Casing set at: _____ ft.
Top of cement: _____ ft.
Method of
determination _____

PBTD: _____
TD: _____

NOTE: All depths are to be from **ground level**. If KB depths are used, make notations on diagram and height of KB **above ground level**.

WELL OPERATION & GEOLOGICAL DATA

Permit Number _____

(for Osage UIC use only)

Type of Injection Well: _____ (New / Conversion / Authorized By Rule)
(EOR / SWD/ HC Storage)

Injection:

Rate (B/D): Average _____ Maximum _____

Fluid: Tds _____ sp. Gr. _____ Analyses Included: (Yes / No)

Source (Formation name): _____

Will anything be added to the water to be injected? (Yes / No)

What will those additives be? _____

Geologic Data:

All references to depths are below land surface.

Injection Intervals: _____ to _____; _____ to _____.

Formation Name _____ Lithology _____ Porosity (%) _____

Permeability (md) _____ Total formation thickness _____

Perforated or open hole interval _____

Formation Name _____ Lithology _____ Porosity (%) _____

Permeability (md) _____ Total formation thickness _____

Perforated or open hole interval _____

Current Fluid Level in Well _____ ft. (below land surface) and / or

Current Reservoir Pressure _____ Date _____

Drill Stem Test (Yes / No) If yes, attach copy.

Depth of nearest fresh water well(s) _____ ft.

Facilities Associated with Injection Well:

Adequate Berm around tank battery? (Yes / No)

Leaking Flow Lines? (Yes / No)

Formation:

Top/Bottom From PBTD to Surface.

_____	_____ / _____
_____	_____ / _____
_____	_____ / _____
_____	_____ / _____
_____	_____ / _____

APPLICANT'S PUBLIC NOTICE OF PERMIT AND VERIFICATION
(§147.2918 (b) (s) and §147.2929 (d) (ii))

_____ is applying for a permit for a Class II
(Operator Name)

injection well. Well No. _____ is located _____ ft. from [N S] line and
_____ ft. from [E W] line.

(1/4 Sec. & Sec. No.) (Twp.) (Rge.)

The well will be used to inject _____ into the _____
(Fluid Type) (Formation Name)

for (disposal/enhanced recovery). The well operator's address is _____

(Street/P.O. Box/City/State/Zip Code)

EPA may prepare a draft permit or a notice of intent to deny this application. Following the preparation of a draft permit or intent to deny, there will be an opportunity for public comments. For further information concerning the status of this application, please contact:

Osage UIC Office
P. O. Box 1495
Pawhuska, Oklahoma 74056
Phone: (918) 287-5333

Notice Sent To: (Surface Owner/Tenant/Operator) Circle one

Name

Address

City / State / Zip Code

I certify that the surface owner(s), the tenants on land where the injection well is located, and each operator of a producing lease within one-half mile of the well location was mailed a copy of this notice as required by 40 CFR §147.2918.

(Owner/Operator Signature)

(Date of Notice)

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibilities of fine and imprisonment.

Name

Title

****If certification is signed by a party other than the injection well owner/operator a written statement of authorization signed by the owner/operator must accompany the application.***

STATEMENT OF AUTHORIZATION

I, _____, hereby authorize _____ to act in my behalf in executing any necessary forms, to include Permit Applications, Compliance Reports, etc., as required by the Environmental Protection Agency Underground Injection Control Program.

Printed Name

Signature

Title

Date