



Pawnee Nation of Oklahoma

Division of Natural Resources and Safety

301 Agency Road, P. O. Box 470, Pawnee, OK 74058, Phone: 918.762.3655, Fax: 918.762.3655,

Oil & Gas Drilling Permit Application Attachments:

- (a) A completed Oil and Gas Drilling Permit application. An application to renew a permit shall include a copy of the current or most recent permit. If a permit is not renewed before its expiration date, the applicant may be imposed the fee of a new permit;
- (b) Documentation or proof that the applicant has been granted authorization from the DOI (BIA, BLM) to conduct drilling work in the jurisdiction i.e. copy of APD etc;
- (c) Environmental review approval by the Pawnee Nation- The environmental review shall be focused on (at minimum) the drill pad construction, drilling, and proposed production operations. The review must include historical preservation consultation, sensitive environmental concerns (water quality, location of known fault line, all pipelines and gathering lines (any pipeline), impacted to wildlife, waste management/disposal for both drilling and production waste and waste water, timber take, water resource supplies, etc.) A copy of all required NEPA documentation i.e. Environmental Assessments, Categorical Exclusion, etc. shall be attached to this permit application;
- (d) Drilling Plan- A description of the nature of the work to be performed by the applicant, the area to be covered, the lease name and number(s), the names of any contractors to be engaged, the equipment to be used, the approximate number of employees to be employed, the anticipated duration of the proposed operations, spacing diagram showing existing wells, operations, public roadways, structures, etc., location pictures, location drawing, hydrology map, access road map, description of current land uses impacted by activity, facility layout drawing, waste management plan, multi-well plan, 404 CWA permits, impact on existing zoning requirements, any additional site specific information required by the Pawnee Nation;
- (e) Access Road – Specify how access roads will enter the property, such as from county roads or from private property on the north boundary or from State Highway, etc. If appropriate, consider specifying wing-in and cattle guard at property entrance. All access roads will be constructed in a manner sufficient to support heavy vehicle weight during the drilling and producing process. Locate all access roads along routes of least soil erosion potential such as along ridge tops on the contour, along terrace tops and not in the channels etc. Access road specifications are site specific and will be determined and specified according to each individual location and its unique

characteristics. A map showing the location of all proposed access roads shall be attached to this permit application;

- (f) Water Source – Specify the water source for permitted activity, including any temporary water line to be laid. Lines must be laid along the access road or the field boundary fence that separates the pasture and the crop field. The line will be laid as close to the fence as possible on the pasture side and not in the crop field. If water source is located on Indian property, the oil and gas company is responsible for acquiring a Water Resource Use Permit from the Pawnee Nation. A copy of any required Pawnee Nation Water Resource Use Permit shall be attached to this application;
- (g) Drill Pad Location - Six inches of top soil from the proposed location will be stock piled and be available for reshaping during the restoration process. No cut and/or fill will take place outside of the staked surveyed area. If the well is a producer; the location will be restored to crop land and/or pasture beyond the dimensions of the anchors or, as specified in the conditions for approval of the APD. Any remaining cut and/or fill slopes will be stabilized at a minimum of a 3:1 finished grade. All anchors will be identified with highly visible markers (i.e., brightly painted 6-foot steel T post). The production location restoration will take place as soon as possible, specified by the Pawnee Nation. If the drill pad location is constructed in a pasture restoration shall include reseeded to specifications required by BIA and/or the Pawnee Nation. Latitude/Longitude for all four corners of drill pad shall be attached to this permit application;
- (h) Well Bore Diagram of the proposed drilling operation shall be attached to the application;
- (i) Lease Facility Plan - All production equipment will be painted, and all painted surfaces will be maintained to ensure its integrity. In order to reduce unfavorable visual impact, the oil and gas company may also be required to utilize one of the standard environmental colors as referenced on the Munsell Soil Color Charts. All secondary containment installation will be in accordance with the Pawnee Nation Natural Resource Protection Act Chapter 12. A fluid impermeable artificial liner and earthen berm will be placed around the tank battery. The size of the earthen berm will be constructed as according to 40 CFR 112.7. No drains or other means will be used to remove rain water from within the berm containment. The exception to the above will be a sump pump which will be allowed to pump water into the salt water tank for haul off. The berm and the entire containment area will be graveled. A steel walkway will be placed over the berm to gain access to the tank battery. Any Lease Facility Plan shall be attached to this permit application;
- (j) Waste Management Plans - During the drilling and production operations the location and access road will be policed and kept free from all debris and garbage. All sewage and waste water discharged from temporary living quarters, rest room facilities, or drilling operations will be self-contained and hauled to an approved disposal site. Any Waste Management Plan shall be attached to this permit application;

- (k) Pipeline – Applicant shall provide the Pawnee Nation a certified center line survey of the proposed pipeline route. The pipeline will be buried a minimum of 48 inches. A double ditch will be dug, the bottom 2-feet of soil will be placed on top of the pipe and the remaining soil will be placed at the surface. The trench will be compacted with a dozer track and left at natural grade or above. Water bars will be constructed along the pipeline route as directed by the BIA and Pawnee Nation. All pipelines will be installed according to the survey, within the area of an approved archeological clearance. Before pipeline is buried the Pawnee Nation’s DECS will be notified to verify the depth of the pipeline. The applicant must acquire needed Pipeline permits from the Pawnee Nation;

After the production line is installed the oil and gas lessee will be responsible for protection and maintenance of this pipeline. This stipulation will be as directed by the Pawnee Nation, which includes any excavation of soil around pipeline for conservation work or any other work needed in the maintenance of the trust property, and will include the replacing and compaction of soil as per the Pawnee Nation specifications; (Permit Condition)

- (l) Site specific stipulations such as requirements in zoning, spacing, access, aesthetics, riparian/floodplain issues, resource damages and compensations, compliance with other laws, regulations, lease conditions, etc.; (Permit Condition)
- (m) Restoration - If the well is not a producer, the restoration process will begin within 60 days of the rig release and be completed within 30 days, weather permitting. After the drilling operation is complete all contaminated soil, cables, drums, thread protectors, etc. will be removed and hauled to an approved landfill. If the well is a producer and subsequently abandoned, restoration will begin after subsurface abandonment and after notification and approval of the restoration by the BIA, BLM and Pawnee Nation. The gravel and base material will be removed from the pad and access road. The gravel that is removed will be used on the property as specified by the BIA and Pawnee Nation. All contaminated soil will be removed and the entire area will be returned to its original contour or as directed by the BIA and Pawnee Nation. If gravel and fill is not needed on Indian property the O&G operator will remove it from the Indian property and properly dispose of. If needed, clean top soil will be added as directed by the BIA and Pawnee Nation. The entire disturbed area will be ripped in both directions, disked and a crop or grass will be planted as per the BIA and Pawnee Nation recommendation. The restoration process will be completed within 30 days, weather permitting. All production pipelines that remain after well is abandoned will be isolated on both ends and steel plugs welded in place; (Permit Condition)
- (n) Submission of Drilling Completion Report- Upon the completion or suspension of the drilling operation, the applicant must submit a copy of the Drilling Completion report. The report shall provide the date of completion or suspension. If suspension, then state the reason for the suspension, anticipated date and method of resuming drilling, and details of work performed to date.

- (o) Full payment of the application fee in the amount of Three Thousand Dollars (\$3,000), or renewal application fee in the amount of One Thousand Dollars (\$1,000) to the Pawnee Nation.