



**STATE OF WYOMING**  
 Department of Environmental Quality - Air Quality Division  
 Well Completions / Re-completions Permit Application



submit (1) one signed original copy AND (1) one electronic copy of the application OR (3) paper copies, one w/ original signature

Company Name Teocali Energy LLC

Official Contact Person

Name Greg Cielinski Title VP of Engineering  
 Address 511 16th St., Suite 600 Denver, CO 80202  
 Telephone 303)407-8630 Fax \_\_\_\_\_ E-mail gcielinski@teocalienergy.com

This form serves as a Wyoming Air Quality Standards and Regulations, Chapter 6, Section 2 permit application to conduct well completion and re-completion activities per the Chapter 6, Section 2 Oil and Gas Production Facilities Permitting Guidance, revised March 2010. Please check the appropriate box, 1 or 2, below.

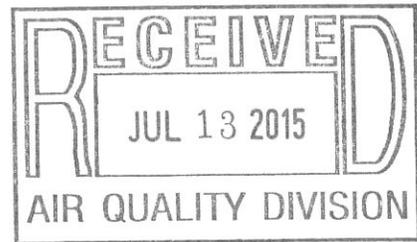
If box 2 is checked, the applicant must submit supplemental information with this form describing the permit conditions under which the company proposes to conduct well completion and re-completion activities.

- box 1  Applicant is applying for a permit with the conditions listed on pages 2-3 of this form.
- box 2  Applicant is applying for a permit with conditions other than those listed on pages 2-3 of this form.

Greg Cielinski VP of Engineering  
 Responsible Official Title

Signature [Signature] Date 7/9/2015  
 Signature Required

Reviewer HmsB  
 cc: \_\_\_\_\_  
 Modeler \_\_\_\_\_  
 D.E. \_\_\_\_\_  
 File 17067  
 IMP FID \_\_\_\_\_





**STATE OF WYOMING**  
 Department of Environmental Quality - Air Quality Division  
**Well Completions / Re-completions Permit Application**



submit (1) one signed original copy AND (1) one electronic copy of the application OR (3) paper copies, one w/ original signature

Company Name Teocali Energy LLC

Official Contact Person

Name Greg Cielinski Title VP of Engineering  
 Address 511 16<sup>th</sup> St., Suite 600 Denver, CO 80202  
 Telephone 303)407-8630 Fax \_\_\_\_\_ E-mail gcielinski@teocalienergy.com

This form serves as a Wyoming Air Quality Standards and Regulations, Chapter 6, Section 2 permit application to conduct well completion and re-completion activities per the Chapter 6, Section 2 Oil and Gas Production Facilities Permitting Guidance, revised March 2010. Please check the appropriate box, 1 or 2, below.

If box 2 is checked, the applicant must submit supplemental information with this form describing the permit conditions under which the company proposes to conduct well completion and re-completion activities.

- box 1  Applicant is applying for a permit with the conditions listed on pages 2-3 of this form.
- box 2  Applicant is applying for a permit with conditions other than those listed on pages 2-3 of this form.

Greg Cielinski VP of Engineering  
 Responsible Official Title

Signature  Date 7/9/2015  
*Signature Required*



STATE OF WYOMING

Department of Environmental Quality - Air Quality Division
Well Completions / Re-completions Permit Application



submit (1) one signed original copy AND (1) one electronic copy of the application OR (3) paper copies, one w/ original signature

Company Name Teocali Energy LLC

Official Contact Person

Name Greg Cielinski Title VP of Engineering
Address 511 16th St., Suite 600 Denver, CO 80202
Telephone 303)407-8630 Fax E-mail gcielinski@teocalienergy.com

This form serves as a Wyoming Air Quality Standards and Regulations, Chapter 6, Section 2 permit application to conduct well completion and re-completion activities per the Chapter 6, Section 2 Oil and Gas Production Facilities Permitting Guidance, revised March 2010. Please check the appropriate box, 1 or 2, below.

If box 2 is checked, the applicant must submit supplemental information with this form describing the permit conditions under which the company proposes to conduct well completion and re-completion activities.

- box 1 [X] Applicant is applying for a permit with the conditions listed on pages 2-3 of this form.
box 2 [ ] Applicant is applying for a permit with conditions other than those listed on pages 2-3 of this form.

Greg Cielinski VP of Engineering
Responsible Official Title

Signature [Handwritten Signature] Date 7/9/2015
Signature Required



**STATE OF WYOMING**  
Department of Environmental Quality - Air Quality Division  
**Well Completions / Re-completions Permit Application**



**The conditions of this permit describe the best management practices that shall be followed during well completion and re-completion activities to reduce emissions of the associated regulated pollutants to the extent practicable.**

1. Authorized representatives of the Division of Air Quality be given permission to enter and inspect any property, premise or place on or at which an air pollution source is located or is being constructed or installed for the purpose of investigating actual or potential sources of air pollution and for determining compliance or non-compliance with any rules, standards, permits or orders.
2. All substantive commitments and descriptions set forth in the application for this permit, unless superseded by a specific condition of this permit, are incorporated herein by this reference and are enforceable as conditions of this permit.
3. All notifications, reports and correspondence required by this permit shall be submitted to Cynthia Madison, DEQ/AQD, 125 North Durbin Street, Suite 100, Casper, WY 82601 and a copy shall be submitted to the appropriate Air Quality District Engineer.
4. Emissions of volatile organic compounds (VOC) and hazardous air pollutants (HAP) associated with the flaring and venting of hydrocarbon fluids (liquids and gas) associated with well completion and re-completion activities shall be eliminated to the extent practicable by routing the recovered liquids into storage tanks and routing the recovered gas into a gas sales line or collection system.
5. Unacceptable reasons for flaring or venting hydrocarbon fluids associated with completions and re-completion activities are:
  - A. lack of a pipeline connection due to reasons other than wildcat, exploratory or step-out well classification;
  - B. inadequate water disposal capacity;
  - C. undersized flow back equipment, lack of flow back equipment or lack of equipment operating personnel.
6. The opacity of visible emissions associated with the flaring of hydrocarbon fluids associated with completion and re-completion activities shall be limited to twenty percent (20%) as determined by 40 CFR Part 60, Appendix A, Method 9.
7. This permit shall become effective for all well completion and re-completion activities commencing after issuance of this permit.
8. The Division will reopen and revise this permit, as necessary, to add or delete requirements should the Division determine that:
  - A. The practical application of the terms and conditions of the permit are unfeasible or fail to achieve the intent of the permit, or;
  - B. The monitoring, recordkeeping, notification or reporting requirements are inadequate to assure compliance with applicable requirements.
9. The hydrocarbon or inert composition of gas recovered during completion and re-completion activities shall be sufficiently monitored in order to establish and verify salability or non-salability of the gas.
10. During flow back of completion and re-completion fluids, well pressure and gas sales or gathering pipeline pressure shall be monitored on no less than an hourly basis.
11. Records identifying and summarizing total volumes of hydrocarbon liquids (bbls) and natural gas (MMCF) recovered (flared, vented, stored in tanks, pits, trucks or other containment, or sold to gathering lines, storage or containment vessels or trucks) from wellbores during completion and re-completion activities shall be maintained on a per well basis. The records shall include summaries of associated pressures of the well and the gas sales or gathering pipeline.
12. Records summarizing total tons of VOC, total HAPs, nitrogen oxides (NO<sub>x</sub>) and carbon monoxide (CO) emissions associated with the flaring and venting of hydrocarbon fluids, as recorded under condition eleven (11), shall be maintained for each completion and re-completion activity on a per well basis. The Division's Well Completion Emission Spreadsheet shall be used to generate the estimates of these emissions.
13. When specific operational events or circumstances require flaring or venting of hydrocarbon fluids associated with well completion and re-completion activities, records shall be maintained describing times, durations and causes of the events and circumstances on a well by well basis.



**STATE OF WYOMING**  
 Department of Environmental Quality - Air Quality Division  
**Well Completions / Re-completions Permit Application**



14. All records required under this permit shall be kept for a period of at least five (5) years and shall be made available to the Division upon request.
15. The Division shall be notified of each well completion and re-completion activity at least fifteen (15) days prior to the commencement of the activity. The notification shall be submitted via electronic mail to appropriate district engineer (see below) and shall include:
- A. location, name and legal description;
  - B. anticipated start and finish dates.
16. Within ninety (90) days of the First Date of Production for newly completed and re-completed wells, defined as the date when producing zones are commingled and sufficiently tested and product is flowing from all completed zones through permanent production and sales equipment, the permittee shall submit to the Division for each completed and re-completed well:
- A. A summary of the total volumes of hydrocarbon liquids (bbls) and natural gas (MMCF) recovered (flared, vented, stored in tanks, pits, trucks or other containment, or sold to gathering lines, storage or containment vessels or trucks) from the wellbore during the completion or re-completion activities. The summary shall include percentages of total hydrocarbon liquids and gasses recovered that were flared or vented to the atmosphere.
  - B. The completed Well Completion Emissions Spreadsheet described under condition twelve (12).

**DEQ/AQD District Engineer Contact Information**

**District 1** (Albany, Goshen, Laramie, Niobrara, Platte)

Glenn Spangler  
 122 W. 25<sup>th</sup> Street  
 Cheyenne, WY 82002  
 307-777-3787  
[gspang@wyo.gov](mailto:gspang@wyo.gov)

**District 2** (Carbon, Converse, Natrona)

Chris Hanify  
 152 N. Durbin Street, Suite 100  
 Casper, WY 82601  
 307-473-3470  
[chanif@wyo.gov](mailto:chanif@wyo.gov)

**District 3** (Campbell, Crook, Johnson, Sheridan, Weston)

Tanner Shatto  
 2100 W. 5<sup>th</sup> Street  
 Sheridan, WY 82801  
 307-673-9773  
[tshatt@wyo.gov](mailto:tshatt@wyo.gov)

**District 4** (Big Horn, Fremont, Hot Springs, Park, Washakie, Lincoln)

Greg Meeker  
 510 Meadowview Drive  
 Lander, WY 82520  
 307-335-6932  
[gmeeke@wyo.gov](mailto:gmeeke@wyo.gov)

**District 5** (Sublette, Sweetwater, Teton, Uinta)

Tony Hoyt  
 510 Meadowview Drive  
 Lander, WY 82520  
 307-335-6934  
[thoyt@wyo.gov](mailto:thoyt@wyo.gov)