



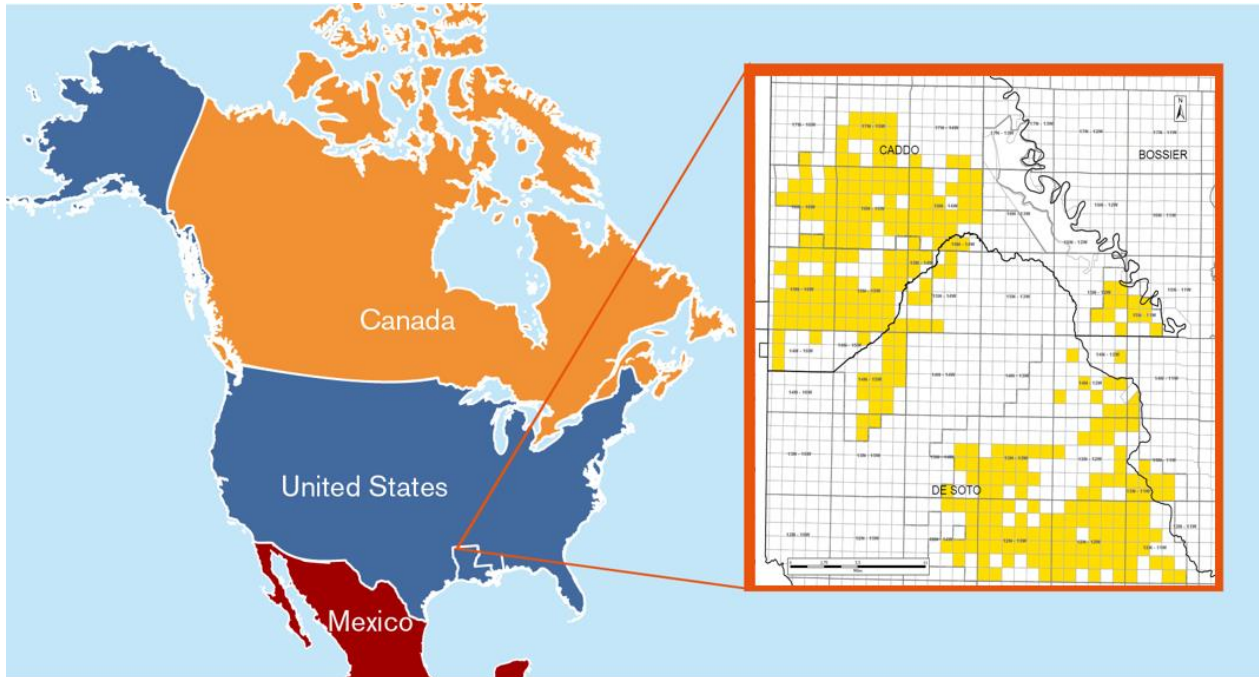
EQUITABLE
ORIGIN
CERTIFIED



CHESAPEAKE
ENERGY

Site Overview

Operator:	Chesapeake Energy Corporation
Certified Unit:	Haynesville Shale Operations
Location:	Caddo, Bossier, and De Soto Parishes, Louisiana, USA
Area:	263,000 net acres
Segments of Supply Chain Covered:	Active production
Production volume:	Approximately 1 bcf/d; ~1,000 mmcf/d natural gas
Assessment Body:	2021 Responsible Energy Solutions, LLC, 2022 Responsible Energy Solutions, LLC



Site Profile

Chesapeake Energy Corporation (CHK) is a natural gas focused energy company with current operations in Pennsylvania, Louisiana, and Texas in the United States. The company's operations in the Haynesville Shale in Northwest Louisiana were certified in 2021 under the EO100™ Standard for Responsible Energy Development (2017) and the EO100™ Standard Addendum for Shale Oil and Gas Operations (2015) certification standards. As of December 12, 2022, the company currently operates 693 wells in the area of review, located on 399 well pads.

The Haynesville Shale is part of the Haynesville formation which is in an area approximately 9000 square miles in extent underlying Southwest Arkansas, Northwest Louisiana, and East Texas. The Haynesville shale ranges between 10,500 and 13,000 feet below the surface. The portion of the Haynesville Shale from which Chesapeake produces natural gas is primarily a “dry” gas formation producing gas with little or no natural gas liquids (NGLs) associated with the gas. Natural gas produced from the Haynesville shale in Chesapeake's operations has high pressure and high temperatures that impact operations.

Stakeholders and Communities

Chesapeake has identified seven stakeholder groups in its Corporate Responsibility report that include:

- Investors
- Government
- Partners and Suppliers
- Communities
- Employees
- Media
- Royalty Owners

Chesapeake engages with its stakeholders based on regulatory requirements, stakeholder interests and needs of both the stakeholder and the company.

Certification Results

Chesapeake Energy's Haynesville Shale operation has met the requirements for certification of the properties operating in Caddo, Bossier and De Soto Parishes, Louisiana, to the EO100™ Standard for Responsible Energy Development (2017) and the EO100™ Standard Addendum for Shale Oil and Gas Operations (2015).

The EO100™ Standard encompasses the following Principles:

1. Corporate Governance, Transparency & Ethics
2. Human Rights, Social Impact & Community Development
3. Indigenous People's Rights
4. Fair Labor & Working Conditions
5. Climate Change, Biodiversity & Environment

Chesapeake Energy Corporation remains committed to improving its implementation of the EO100™ Standard and engaged Equitable Origin-approved independent assessors, Responsible Energy Solutions), to conduct the re-verification assessment from October – November 2022.

The assessment team conducted verification activities focused primarily on assessing improvements made over 2022 because of actions undertaken in the continuous improvement plan. Some randomly selected performance targets were checked to ensure no regression in performance and level 2 and 3 targets were assessed as warranted. The assessment concluded that CHK succeeded in meeting or partially meeting all the applicable Level 1 Performance Targets. As a part of the EO100™ Certification, CHK had committed to a continuous improvement process and implemented plans to close gaps identified by the initial certification assessment.

This reverification assessment identified some areas that continue to need improvement. These areas should be prioritized for actions in 2023. Some of the key remaining areas for improvement include expanding the management system; performing cumulative impact assessments; having an external audit of HSER and actively moving away from the use of petroleum distillates in hydraulic fracturing fluids. CHK has made significant progress in implementing the assessment team's recommendations and has acted on the continuous improvements including updating policies to address Human Rights and other issues; publishing area specific tax information in the annual 10-Q; expanding community outreach; implementing improved methods for public engagement and implementing electric actuators to replace gas actuated pneumatics.

CHK will be required to be assessed against the updated 2022 Technical Supplement for Onshore Natural Gas and Light Oil Production in 2023. As such, a number of additional Performance Targets will need to be added into their continuous improvement plan.

Table 1: Summary Results by Principle

Principle	2021 Certification Assessment	2022 Re-Verification Assessment
1: Corporate Governance, Transparency & Ethics	73%	89%
2: Human Rights, Social Impact & Community Development	84%	96%
3: Indigenous Peoples’ Rights	N/A	N/A
4: Fair Labor & Working Conditions	92%	98%
5: Climate Change, Biodiversity & Environment	87%	95%

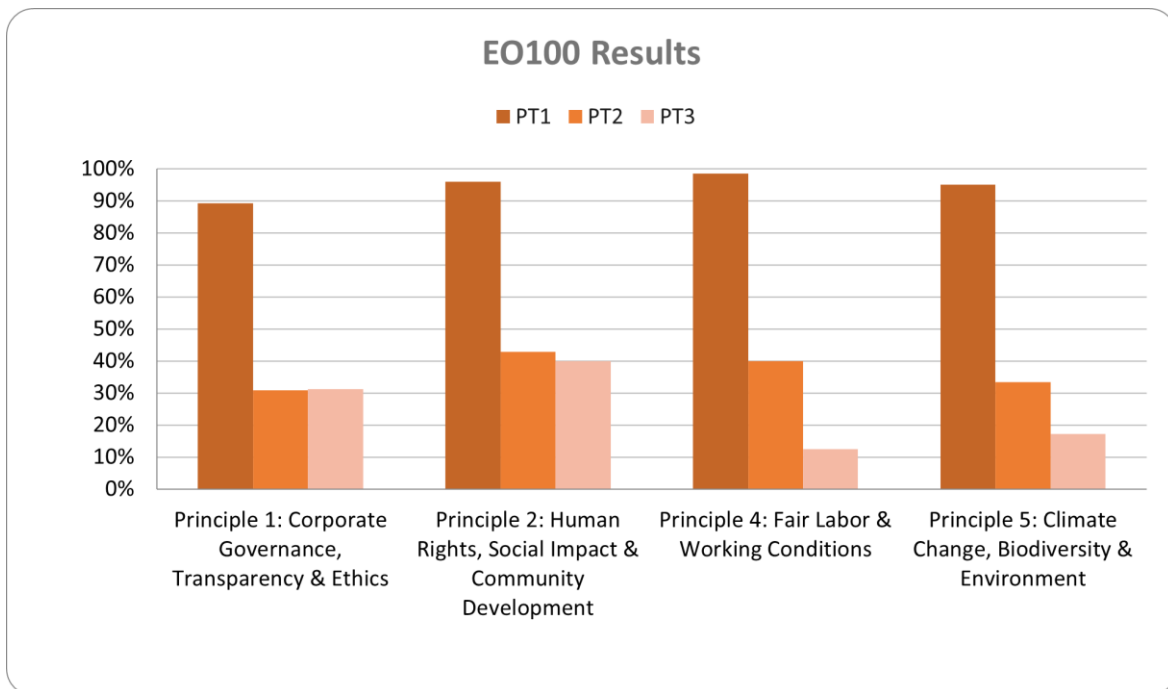


Figure 1: EO100™ Certification Assessment Results

EO100™ Certification Summary

Certificate Issuer:	Equitable Origin, Inc.
Operator:	Chesapeake Energy Corporation
Certified Unit:	Haynesville Shale Operations
Location of Certified Unit:	Caddo, Bossier, and De Soto Parishes, Louisiana, USA
Certification date:	15 December 2021
Expiration date:	15 December 2024
Certification Standard:	EO100™ Standard for Responsible Energy Development (2017) and the EO100™ Standard Addendum for Shale Oil and Gas Operations (2015)
Assessment Body:	2021 Responsible Energy Solutions, LLC, 2022 Responsible Energy Solutions, LLC
Certificate Number:	EO100-15122021-US

The purpose of this report is to document the EO100™ Certification and annual re-verification assessments conducted for Chesapeake’s natural gas operations in Caddo, Bossier, and De Soto Parishes, Louisiana. The assessment scope included Chesapeake’s Haynesville Shale Operations, which was treated as one Certifiable Unit, and included wells in various stages: drilling, completions, production, and abandoned as well as salt-water disposal wells and associated infrastructure. Assessment activities were carried out in August-October 2021 and re-verification assessment activities carried out in October-November 2022. All supporting assessment documents will remain confidential.

Contact Information:

Chesapeake: <http://www.chk.com>

If organizations or individuals have concerns, complaints, or comments about the operator’s EO100™ Certification, they should first contact the Certified Operator directly: 877-245-1427.

Equitable Origin: contact@equitableorigin.org

For more information on Equitable Origin’s Certification System Comments, Complaints and Appeals processes, please visit our website: www.energystandards.org.