



Susan Laird
HES Specialist, Regulatory Permitting

August 22, 2019

Office of Oil & Gas Management
Pennsylvania Department of Environmental Protection
400 Waterfront Drive
Pittsburgh, PA 15222-4745

RE: Well Permit Modification Application Siegel 4H, 5H, 6H, 7H, 8H and 9H

Dear Sir/Madam:

These permits have been modified to extend the lateral lengths only. If you have any questions or need more information, please contact me at 412-865-2504 or slaird@chevron.com.

Sincerely,

A handwritten signature in black ink that reads "Susan".

Susan Laird
Chevron Appalachia, LLC

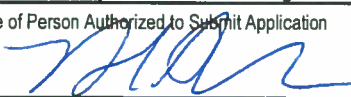
Appalachian Mountain Business Unit
Chevron North America Exploration and Production Company
700 Cherrington Parkway
Coraopolis, PA 15108
Tel 412-865-2504
slaird@chevron.com



PERMIT APPLICATION TO DRILL AND OPERATE AN UNCONVENTIONAL WELL

Please read instructions before you begin filling in this form.

WELL INFORMATION									
Well Operator Chevron Appalachia, LLC			DEP ID# 279986		Well API No. 37-051-24647-00-00		Well Farm Name Siegel		Well # 8H
Address 700 Cherrington Parkway				LAT 39.58° 08.39"		NAD 83	Project Number		Serial # MCLS 37-051-2010
				LONG - -79 58° 08.14"					
City Coraopolis			State PA	Zip Code 15108	Municipality Name/ City, Borough, Township Luzerne / Township			County Fayette	
Phone No. 412-865-3140		Fax No. 412-865-2403		Email bweimer@chevron.com			USGS 7.5 min. quadrangle map Carmichaels		Section 1
24/7 Emergency Phone Contact No.: 724-564-3700				ESGP Permit No. ESX15-051-0005			Well Pad (cluster) Name/Identification Siegel		
911 address of well site (if available) 244 Heistersburg Road East Millsboro, PA 15433									
Surface Elev. 1,173'	Deepest Formation to be Penetrated Marcellus			Anticipated TVD 7,744'		PERMIT TYPE Check applicable. Application is to ☒ Modify existing well/permit		TYPE OF WELL Check applicable. ☒ Gas ☐ Comb. (gas & oil/condensate)	
Target Formation(s) Proposed for Production Marcellus			Anticipated Target Top/Bottom TVD 7,695' / 7,847'					APPLICATION FEE Check applicable. ☐ Vertical ☒ Non-vertical Total Application Fee \$ 5250.00	
Number of wellbore laterals proposed under this application 1 . Total feet of wellbore to be drilled under this application 16333 Ft.								Configuration ☐ Vertical ☒ Horizontal ☐ Deviated ☐ Multiple laterals	
PNDI Attached: ☒ Any threatened or endangered "hit" must include a demonstration of how the impact will be avoided or minimized and mitigated, or justification that section 78a.15(e) applies.								Bond Agreement Id: 12754	
Application submitted as: ☒ Coal well (Attach Coal Module) ☐ Non coal well (Attach justification)									
COORDINATION WITH REGULATIONS AND OTHER PERMITS								Yes	No
1. Will the well be subject to the Oil and Gas Conservation Law ? If "No," go to 2).								☐	☒
a. If "Yes" to #1, is the well at least 330 feet from outside lease or unit boundary?								☐	☐
b. Does the location fall within an area covered by a spacing order?								☐	☐
c. If the well will be multilateral, identify the wellbores on the sketch on page 3 of the plat that will be completed as conservation and non-conservation.									
2. Will the proposed limit of disturbance of the well site be within 100 feet measured horizontally from any watercourse or any high quality of exceptional value body of water or any wetland one acre or greater in size?								☐	☒
If yes, attach the following if applicable: a site-specific E&S control plan, a permit consistent with Chapter 102, applicable portions of the Pollution Prevention Control Plan, applicable portions of the Well Site Emergency Response Plan, applicable portions of the Site Containment Plan, the permit number of a Water Obstruction and Encroachment Permit issued pursuant to Chapter 105, or justification that section 78a.15(e) applies.								☐	☐
Will the well or well site be located within a defined 100 year floodplain or where the floodplain is undefined, within 100 feet of the top of the bank of a perennial stream or within 50 feet of the top of the bank of an intermittent stream.								☐	☒
If yes, attach a plan that identifies the additional measure, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the Commonwealth								☐	☐

COORDINATION WITH REGULATIONS AND OTHER PERMITS (cont'd)		Yes	No
3. Will the vertical wellbore section penetrate or be within 3,000 feet of an active gas storage reservoir boundary?		☐	☒
a. If Yes, print the names of:	Storage Field: _____ Operator: _____		
4. Is the proposed well location within the permitted area of a landfill ?		☐	☒
5. Will the vertical wellbore section of the unconventional well be drilled within 500 feet from any existing building or an existing water supply?		☐	☒
a. If "Yes," is written consent from the owner attached?		☐	☐
b. If written consent is not attached, is a variance request (form 8000-FM-OOGM0058) attached?		☐	☐
5.1. Will the vertical wellbore of the unconventional well be drilled within 1,000 feet from any existing water well, surface water intake, reservoir or other water supply extraction point used by a water purveyor?		☐	☒
a. If "Yes," is written consent from the owner attached?		☐	☐
b. If written consent is not attached, is a variance request (form 8000-FM-OOGM0058) attached?		☐	☐
6. Is this permit application for a well that will be drilled on a well site for which construction was completed prior to April 16, 2012?		☐	☒
a. If "Yes," was there a permitted well at this well site prior to April 16, 2012?		☐	☐
b. If the answer to question no. 6a is "Yes", provide the US Well Number (API No.) of the well permitted at this site prior to April 16, 2012. _____		☐	☐
7. Will the well be located where it may impact a public resource as outlined in the "Coordination of a Well Location with Public Resources" form 8000-PM-OOGM0076? If yes, attach a completed copy of the form.		☐	☒
8. Will any portion of the well site be in a Special Protection High Quality ☐ (HQ) or Exceptional Value ☐ (EV) watershed? Provide name of special protection watershed _____		☐	☒
9. Is this well part of a development which requires an Earth Disturbance Permit for Oil and Gas Activities disturbing more than 5 acres? If yes, list the number of the ESCGP approval if the permit has been issued. ESX15-051-0005 _____ If no, is this well part of a development that involves 1 to less than 5 acres of earth disturbance over the life of the project and is the answer to question no. 8 "Yes"? If yes, attach a site-specific E&S control plan.		☒	☐
10. Is the well to be located within a H ₂ S area pursuant to §78a.77a?		☐	☒
11. Attach a current Ownership & Control form 8000-FM-OOGM0118 with the first application submitted after the effective date of the final "Environmental Protection Performance Standards at Oil and Gas Well Sites" rulemaking, or if there have been any changes to parent and subsidiary business corporations.			
Signature of Applicant		The person signing this form attests that they have the authority to submit this application on behalf of the applicant, and that the information, including all related submissions, is true and accurate to the best of their knowledge.	
Signature of Person Authorized to Submit Application 		(Print or Type) Name of Signer: BRANDEN WEIMER Title: Senior Permitting Advisor	Date 8/22/2019
Application Preparer/Contact: SUSAN LAIRD			Phone: 412-865-2504