



Laura Savage

Drill Permitting Coordinator, HES Permitting

January 11, 2019

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

RE: Well Permit Application for Modification
Siegel 4H 37-051-24642

Dear Sir/Madam:

The purpose of this well permit application is to modify the existing permit for the Siegel 4H well, 37-051-24642. The modification is to lengthen the lateral to a TMD of 23,528'.

Sincerely,

A handwritten signature in blue ink that reads "Laura Savage".

Laura Savage
Permit Coordinator
Chevron Appalachia, LLC

Appalachian/Mountain Business Unit

Chevron North America Exploration and Production Company a division of Chevron U.S.A. Inc.

700 Cherrington Parkway Coraopolis, PA 15108

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**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT**

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. 37-051-24642-00-00		Well Farm Name Siegel		Well # 4H		
Address 700 Cherrington Parkway			LAT 38.58' 07.86"		NAD 83	Project Number		Serial # MCLS 37-051-2010	
			LONG - 79.58' 08.38"						
City Coraopolis		State PA	Zip Code 15108	Municipality Name/ City, Borough, Township Luzerne / Township			County Fayette		
Phone No. 412-865-2417		Fax No. 412-865-2403		Email lsavage1@chevron.com		USGS 7.5 min. quadrangle map Carmichaels		Section 1	
24/7 Emergency Phone Contact No.: 724-564-2700			ESGP Permit No. 1063056			Well Pad (cluster) Name/Identification Siegel			
911 address of well site (if available) 244 Heistersburg Road East Millsboro, PA 15433									
Surface Elev. 1173	Deepest Formation to be Penetrated Marcellus		Anticipated TVD 7,844'		PERMIT TYPE Check applicable. Application is to <input checked="" type="checkbox"/> Modify existing well/permit		TYPE OF WELL Check applicable. <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Comb. (gas & oil/condensate)		APPLICATION FEE Check applicable. <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Non-vertical
Target Formation(s) Proposed for Production Marcellus		Anticipated Target Top/Bottom TVD 7,702' / 7,854'		Configuration <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Deviated <input type="checkbox"/> Multiple laterals			Total Application Fee \$ 5,250.00		
Number of wellbore laterals proposed under this application 1 .									
Total feet of wellbore to be drilled under this application 23528 Ft.									
PNDI Attached: <input checked="" type="checkbox"/> 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.									
Application submitted as: <input checked="" type="checkbox"/> Coal well (Attach Coal Module) <input type="checkbox"/> Non coal well (Attach justification)									
Bond Agreement Id: 12754									
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).						<input type="checkbox"/>	<input checked="" type="checkbox"/>		
a. If "Yes" to #1, is the well at least 330 feet from outside lease or unit boundary?						<input type="checkbox"/>	<input type="checkbox"/>		
b. Does the location fall within an area covered by a spacing order?						<input type="checkbox"/>	<input type="checkbox"/>		
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?						<input type="checkbox"/>	<input checked="" type="checkbox"/>		
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.						<input type="checkbox"/>	<input type="checkbox"/>		
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.						<input type="checkbox"/>	<input checked="" type="checkbox"/>		
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						<input type="checkbox"/>	<input type="checkbox"/>		

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?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. If Yes, print the names of:	Storage Field: _____ Operator: _____		
4. Is the proposed well location within the permitted area of a landfill ?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Will the vertical wellbore section of the unconventional well be drilled within 500 feet from any existing building or an existing water supply?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. If "Yes," is written consent from the owner attached?		<input type="checkbox"/>	<input type="checkbox"/>
b. If written consent is not attached, is a variance request (form 8000-FM-OOGM0058) attached?		<input type="checkbox"/>	<input type="checkbox"/>
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?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. If "Yes," is written consent from the owner attached?		<input type="checkbox"/>	<input type="checkbox"/>
b. If written consent is not attached, is a variance request (form 8000-FM-OOGM0058) attached?		<input type="checkbox"/>	<input type="checkbox"/>
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?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
a. If "Yes," was there a permitted well at this well site prior to April 16, 2012?		<input type="checkbox"/>	<input type="checkbox"/>
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. _____		<input type="checkbox"/>	<input type="checkbox"/>
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.		<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Will any portion of the well site be in a Special Protection High Quality <input type="checkbox"/> (HQ) or Exceptional Value <input type="checkbox"/> (EV) watershed? Provide name of special protection watershed _____		<input type="checkbox"/>	<input checked="" type="checkbox"/>
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. 1063056____ 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.		<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Is the well to be located within a H ₂ S area pursuant to §78a.77a?		<input type="checkbox"/>	<input checked="" type="checkbox"/>
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 1/11/19
Application Preparer/Contact: LAURA SAVAGE			Phone: 412-865-2417