



Laura Savage
HES Specialist – Regulatory Permitting

November 16, 2020

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

RE: Well Permit Application for Modification
Kovach B M01H

Dear Sir/Madam:

The purpose of this application is to modify the existing permit for the Kovach B M01H well. There are no modifications to this permit. We are re-permitting due to drilling schedule changes. If you have any questions or need more information, please contact me at 412-865-2417 or lsavage1@chevron.com.

Sincerely,

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


Laura Savage
HES Specialist – Regulatory Permitting
Chevron Appalachia, LLC



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. 37-051-24671-00-00		Well Farm Name Kovach B		Well # M01H			
Address 700 Cherrington Parkway			LAT 39.55'08.16"		NAD 83	Project Number		Serial # MCLS 37-051-0045		
			LONG - 79.51'17.31							
City Coraopolis		State PA	Zip Code 1510	Municipality Name/ City, Borough, Township German / Township			County Fayette			
Phone No. 412-865-1433		Fax No. 412-865-2403		Email kmartz@chevron.com		USGS 7.5 min. quadrangle map New Salem		Section 4		
24/7 Emergency Phone Contact No.: 724-564-3700			ESGP Permit No. ESX17-051-0003			Well Pad (cluster) Name/Identification Kovach B				
911 address of well site (if available) 206 Mary Hall Road McClellandtown, PA 15458										
Surface Elev. 1278'	Deepest Formation to be Penetrated Marcellus		Anticipated TVD 8,390'		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) Configuration <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Deviated <input type="checkbox"/> Multiple laterals		APPLICATION FEE Check applicable. <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Non-vertical Total Application Fee \$ 11,750.00 Bond Agreement Id: 12754	
Target Formation(s) Proposed for Production Marcellus		Anticipated Target Top/Bottom TVD 8,219' / 8,416'								
Number of wellbore laterals proposed under this application 1.										
Total feet of wellbore to be drilled under this application 16980 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)										
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 checked="" 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. ESX17-051-0003 _____ 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 11/12/2020
Application Preparer/Contact: LAURA SAVAGE		Phone: 412-865-2417	



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

WELL LOCATION PLAT

PAGE 1 Surface Location

DEP	Author ID #:	G:
USE	Permit #:	C:
ONLY	Project #:	

Denotes location of top of well on topo map.		Well is located on topo map <u>14,353</u> feet south of latitude <u>39° 57' 30"</u>	
True Latitude: NORTH <u>39</u> ° <u>55</u> ' <u>08</u> . <u>16</u> "		NOTES: 1. THE PURPOSE OF THIS PLAT IS TO PROVIDE THE LOCATION OF PROPOSED GAS WELLS AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING. 2. WATER SOURCE LOCATIONS SUPPLIED BY CHEVRON APPALACHIA, LLC. TO THE BEST OF THE SURVEYOR'S KNOWLEDGE, THE WELL LOCATION PLAT DEPICTS THE WATER SOURCES WITHIN 3000' OF THE PROPOSED WELL. 3. STREAMS TAKEN FROM PADEP 305B DIGITAL STREAM LAYER, 2009. 4. EXISTING WELLS TAKEN FROM PADEP OIL AND GAS LOCATIONS DIGITAL DATA, PUBLICATION DATE: 2015. 5. COAL MINES TAKEN FROM PADEP DIGITIZED MINED AREAS LAYER, 2016.	
True Longitude: WEST <u>79</u> ° <u>51</u> ' <u>17</u> . <u>31</u> "		LEGEND ————— PROPERTY LINE - - - - - STREAM = = = = = EXIST. ROAD PROPOSED WELL EXISTING WELL SPRING CISTERN WATER WELL POND STREAM	
Well is located on topo map <u>6,026</u> feet west of longitude <u>79° 50' 00"</u>			
Applicant/Well Operator Name: Chevron Appalachia, LLC		DEP ID # 279986	
Address: 700 Cherrington Parkway, Coraopolis, PA 15108		Well (Farm) Name: Kovach B	
911 address of well site: 206 Mary Hall Road, McClellandtown, PA 15458		Well #: M01H	
Surveyor or Engineer: James R. Bruggeman		Serial #: MCLS 37-051-0045	
Phone #: 412-429-2324		County: Fayette	
Dwg #: 172-318-Well Plat		Municipality: German Township	
Date: 11/13/2020		Well Type: Gas/Non-conservation	
Scale: 1"=1000'		Map Section: 4	
Tract Acreage: 1,843.5		Surface Elevation: 1278.6 ft.	
Lat. & Long Metadata Method: GPS		Datum: NAD 83	
Accuracy: 5± ft.		Elevation Metadata Method: GPS	
Datum: NAVD 88		Accuracy: 5± ft.	
Survey Date: 6/12/2017			

WELL LOCATION PLAT

Page 2 Notifications

DEP Statewide toll-free phone number for reporting cases of water contamination which may be associated with development of oil and gas resources is **1-866-255-5258**.

Applicant / Well Operator Name		DEP ID#	Well (Farm) Name	Well #	Serial #
Chevron Appalachia, LLC		279986	Kovach B	M01H	MCLS 37-051-0045
Surface Landowner / Lessor: Stephen M. & Natalie J. Kovach (Surface, Oil & Gas Owners) Parcel: 15-11-0023-01			Angle & Course of Deviation (Drilling): S 64°40'22" E 8737.9'	Anticipated True Vertical Depth Feet (TVD): 8,390'	Anticipated Total Measured Depth Feet (TMD): 16,980'
Target Formation(s): Marcellus			Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 16,980'
Surface Owner/Water Purveyor w/ Water Supply within 1000'/3000'			Latitude Longitude of Water Supply		
1 -	Stansick Donald E & Ruth M (Drilled Well)		N 39° 55' 06.690"	W 79° 51' 28.126"	
2 -	Stansick Donald E & Ruth M (Pond)		N 39° 55' 03.584"	W 79° 51' 37.890"	
3 -	Shimko Michael A Sr & Janet A (Dug Well)		N 39° 55' 13.848"	W 79° 51' 29.929"	
4 -	Shimko Michael A Sr & Janet A (Dug Well)		N 39° 55' 14.803"	W 79° 51' 29.816"	
5 -	Hillegass Alan R & Constance (Drilled Well)		N 39° 54' 59.378"	W 79° 51' 30.709"	
6 -	Hillegass Alan R & Constance (Pond)		N 39° 54' 57.520"	W 79° 51' 27.694"	
7 -	Hillegass Alan R & Constance (Developed Spring)		N 39° 54' 58.515"	W 79° 51' 31.636"	
8 -	Fronczek Charles J & Norma J (Drilled Well)		N 39° 55' 18.878"	W 79° 51' 30.347"	
9 -	Coffin Patrick Neil & Bernadette (Drilled Well)		N 39° 55' 20.566"	W 79° 51' 33.937"	
10 -	Christopher Jeffrey A Etal (Pond)		N 39° 54' 57.111"	W 79° 51' 31.338"	
11 -	Christopher Jeffrey A Etal (Pond)		N 39° 54' 52.347"	W 79° 51' 48.314"	
12 -	Havlicheck Doris J (Drilled Well)		N 39° 55' 13.863"	W 79° 51' 40.568"	
13 -	Havlicheck Doris J (Stream)		N 39° 55' 14.966"	W 79° 51' 41.648"	
14 -	Prah Mark A (Drilled Well)		N 39° 55' 11.573"	W 79° 51' 43.438"	
15 -	Shaffer Wayne Allen Jr & Linda Etal (Stream)		N 39° 55' 24.124"	W 79° 51' 35.440"	
16 -	Shimko Bernard & Frances M (Drilled Well)		N 39° 55' 28.339"	W 79° 51' 21.840"	
17 -	Brownfield Homer A & Marjorie A (Drilled Well)		N 39° 54' 43.920"	W 79° 51' 21.240"	
18 -	Prah Mark Anthony Jr Etal (Pond)		N 39° 55' 08.362"	W 79° 51' 48.907"	
19 -	Prah Mark Anthony Jr Etal (Undeveloped Spring)		N 39° 55' 13.608"	W 79° 51' 48.590"	
20 -	Prah Mark A Jr (Drilled Well)		N 39° 55' 15.490"	W 79° 51' 47.586"	
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet			Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet		
Luzerne Township, Fayette County			Masontown Borough, Fayette County		
German Township, Fayette County			Cumberland Township, Greene County		
Redstone Township, Fayette County			Monongahela Township, Greene County		
Menallen Township, Fayette County			Coal related parties		
South Union Township, Fayette County			***SEE PAGE 2B***		
Georges Township, Fayette County					
Nicholson Township, Fayette County					

WELL LOCATION PLAT

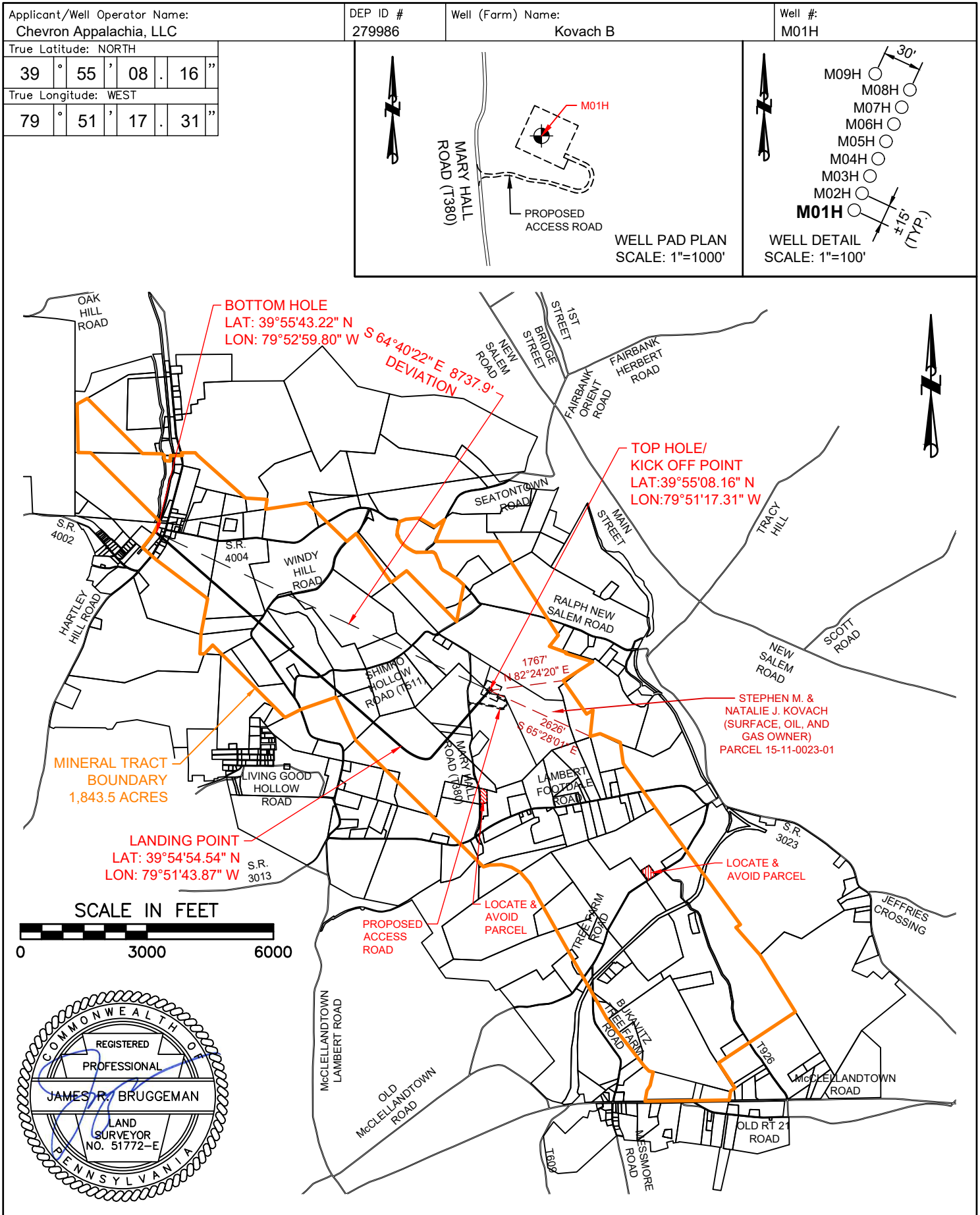
Page 2 Notifications

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Applicant / Well Operator Name		DEP ID#	Well (Farm) Name	Well #	Serial #
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Target Formation(s): Marcellus			Deepest Formation to be penetrated: Marcellus	Number of laterals: 1	Total footage to be drilled all laterals: 16,980'
Surface Owner/Water Purveyor w/ Water Supply within 1000'/3000'			Latitude Longitude of Water Supply		
21 -	Wycinsky Gary M & Karen (Drilled Well)		N 39° 54' 41.247"	W 79° 51' 09.134"	
22 -	Prah Mark Anthony Jr Etal (Dug Well)		N 39° 55' 10.936"	W 79° 51' 55.463"	
23 -	Berbee Michel J (Undeveloped Spring)		N 39° 54' 51.855"	W 79° 50' 49.236"	
Municipality: where the well will be drilled, adjacent to the well, or within 3000 feet			Coal related parties		
Luzerne Township, Fayette County			Waynesburg Seam		
German Township, Fayette County			Sophia Berdar		
Redstone Township, Fayette County			Margaret Kanar		
Menallen Township, Fayette County			Franklin Dzurbala		
South Union Township, Fayette County			Teri Smith		
Georges Township, Fayette County			Rebecca Ann Hall		
Nicholson Township, Fayette County			Charles E. Kovach		
Masontown Borough, Fayette County			Pamela Kovach		
Cumberland Township, Greene County			James Kirkpatrick, Sr.		
Monongahela Township, Greene County			James Kirkpatrick, Jr.		
			Marianne Kirkpatrick Venere		
			Darlene P. Coble and Clyde C. Coble		
			Mary Catherine Silvius		
			Reverend Daniel S. Spychala		
			Deborah K. McFarland		
			Donna M. Spychala		
			Joseph Stromick and Karen Stromick		
			Patrick Stromick and Goldie Stromick		
			Stephen and Natalie Kovach		
			Lori Martin		

WELL LOCATION PLAT

PAGE 3 Plan View of Deviated Well Bore

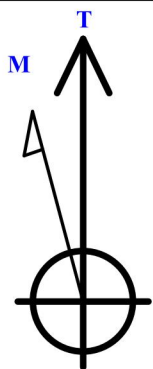


WELL LOCATION PLAT

Page 4 Cross Section

Applicant / Well Operator Name
Chevron Appalachia, LLCDEP #
279986Well (Farm) Name
Kovach BWell #
M01H

	TVD	TMD	Latitude	Longitude
KOP	2500 ft	2500 ft	39° 55' 8.162 N	79° 51' 17.305 W
LP	8390 ft	9282 ft	39° 54' 54.543 N	79° 51' 43.871 W

Azimuths to True North
Magnetic North: -9.31°Magnetic Field
Strength: 52119.6snT
Dip Angle: 66.83°
Date: 2/26/2018
Model: BGGM2017

North American Datum 1983

Created By: Chevron Appalachia, LLC
Date: 14:07, May 09 2018
Plan: Kovach B