

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Austin Caperton, Cabinet Secretary www.dep.wv.gov

Thursday, February 21, 2019 WELL WORK PERMIT Horizontal 6A / New Drill

CHEVRON APPALACHIA, LLC 700 CHERRINGTON PARKWAY

CORAOPOLIS, PA 15108

Re:

Permit approval for HICKS M18H

47-051-02165-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0450.

James A. Martin

Chief

Operator's Well Number: HICKS M18H

Farm Name:

THOMAS E. HICKS

U.S. WELL NUMBER: 47-051-02165-00-00

Horizontal 6A New Drill

Date Issued: 2/21/2019

Promoting a healthy environment.

API Number: 4705102/65

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

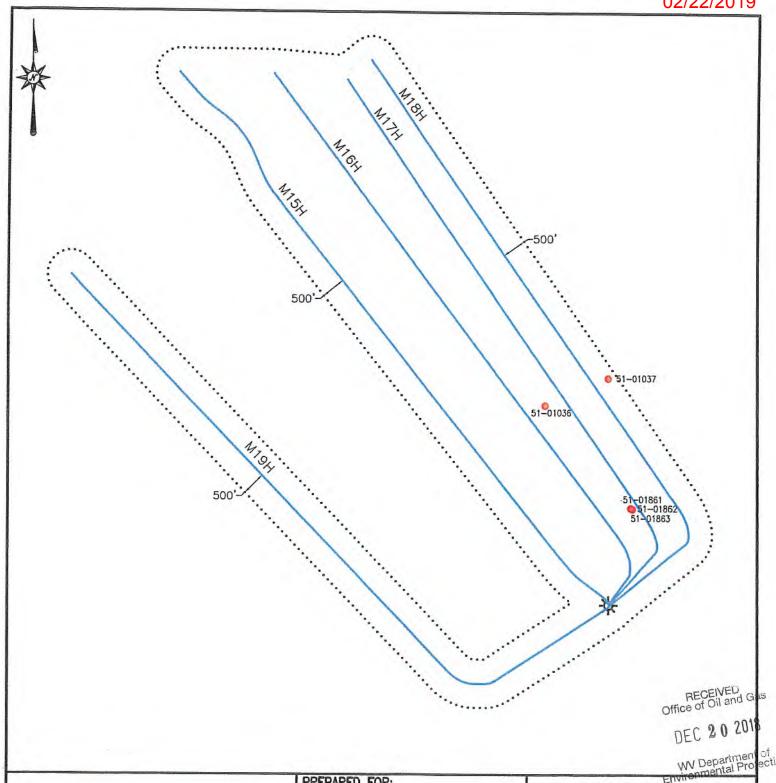
CONDITIONS

- 1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled Water Well Regulations, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- 8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
- 9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.

API Number: 4705102165

PERMIT CONDITIONS

11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.





10125 MASON DIXON HIGHWAY BURTON, WV 26562 PHONE: (304) 662—6486

PREPARED FOR:

CHEVRON APPALACHIA, LLC 700 CHERRINGTON PARKWAY CORAOPOLIS, PA 15108

LEGEND

* - WELL LOCATION

- ACTIVE WELL

HICKS BATCH 3 AREA OF REVIEW MAP MARSHALL COUNTY **CLAY DISTRICT** WEST VIRGINIA

TOPO QUAD: GLEN EASTON, WV

SCALE: 1" = 2000'

DATE: DECEMBER 4, 2018

WellID	Prior Operator On Record	Operator - DEP	Status	Latitude	Longitude	Vertical TD	Producing Formation	Producing Zones NOT Perforated
17-051-01036	CNX Gas Company LLC	CNX Gas Company LLC	Active	39.883078	-80.723078	274'	Pittsburgh Seam	None
47-051-01037		CNX Gas Company LLC	Active	39.884675	-80.718315	578	Pittsburgh Seam	None
17-051-01861	Chevron Appalachia, LLC	Chevron Appalachia, LLC	Permit Issued	39.877336	-80.716485		Marcellus	
17-051-01862	Chevron Appalachia, LLC	Chevron Appalachia, LLC	Permit Issued	39.877314	-80.71642		Marcellus	
47-051-01863	Chevron Appalachia, LLC	Chevron Appalachia, LLC	Permit Issued	39.877291	-80.716355		Marcellus	

RECEIVED Office of Oil and Gas

DEC 2 0 2018

WV Department of Environmental Protection WW-6B (04/15) 47051002/22/2519

API NO. 47-_____OPERATOR WELL NO. M18H
Well Pad Name: Hicks

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION. OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1) Well Opera	tor: Chevro	on Appalac	hia, LLC	49449935	Marshall	Clay	Glen Easton 7.5'
				Operator ID	County	District	Quadrangle
2) Operator's	Well Numbe	r: M18H		Well I	Pad Name: Hick	(S	
3) Farm Name	e/Surface Ow	ner: Thoma	as E Hicks	Public R	load Access: Fo	ork Ridge R	d/WV-17
4) Elevation, c	current groun	d: 1161	E	levation, propose	ed post-construc	tion: 1161	
5) Well Type	(a) Gas	X	Oil _	Uı	nderground Stor	age	
	Other						
	(b)If Gas	Shallow	X	Deep			- E.
6) Eviatina Da	J. W NI	Horizontal	X			Jul10	18
6) Existing Page 7) Proceed To		-		· Camera			
/) Proposed 18 Marcellus, 6336 feet Be	arget Format clow GL, Thickness: 50 Fe	10n(s), Depth eet: Pore Pressure Gradic	n(s), Antic	ipated Thicknes	s and Expected	Pressure(s):	
8) Proposed To	ntal Vertical	Denth: 633	36 feet be	low GI			
9) Formation a			Marcellus				
10) Proposed T			18,585				
11) Proposed F		P	11,283				
		0 0		430 feet below	CI		
12) Approxima			•				TATION & TOTAL STATE
 Method to Approxima 					ter from water w	ells within 1	mile radius of the well
				o 11, 1795 it.			
15) Approxima				AL OF THE A	Partition 2	77.5	
16) Approxima	ate Depth to l	Possible Voi	d (coal mi	ne, karst, other)	No void expe	ected	
17) Does Propo				ms			
directly overly	ing or adjace	ent to an activ	ve mine?	Yes	N	o X	
(a) If Yes, pro	ovide Mine I	nfo: Name	:				
		Depth	ı:				
		Seam					
		Owne	r:				Office of Oil and Gas
							DFC 20

WV Department of Protection
Page 1 of 3

WW-6B (04/15)

API NO. 47	
OPERATOR WELL NO.	M18H
Well Pad Name: Hicks	

18)

CASING AND TUBING PROGRAM

ТҮРЕ	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	20	New			60	60	CTS
Fresh Water	13.375	New	J-55	54.5	480	480	CTS
Coal						100	010
Intermediate	9.625	New	L-80	40	2,025	2,025	CTS
Production	5.50	New	P110	20	18,585	18,585	2358 (500' below 9,625" shore)
Tubing					.5,500	10,000	2000 (000 000M 9,023 SHORE)
Liners							

12/10/18

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20	30			<u> </u>		(Cd. 1t./K)
Fresh Water	13.375	17.5	0.38	2,730	1,911	Class A	1.2
Coal				-,,,,,,	1,011	Old3371	1.2
Intermediate	9.625	12.375 & 12.25	0.395	5,750	2,768	Class A	1.19
Production	5.5	8.75 & 8.5	0.361	14,360	9,975	Class A, G, or H	1.25
Tubing				14,000	0,070	20074	1.20
Liners							

PACKERS

Kind:	
Sizes:	Office of Oil and o
Depths Set:	20 2010
	Environmental Protect

02/10/18

API NO. 47-OPERATOR WELL NO. M18H Well Pad Name: Hicks

g and arming and prugging back of any phot note:	Describe proposed well work, in	ncluding the drilling and plugging back of any pilot hole:
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Drill vertical depth to the Marcellus. Drill horizontal leg.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

9525 bbl fluid - 400,000 lbm sand/stage - 9,400 anticipated max psi - 100 bpm anticipated max rate.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 27.4

22) Area to be disturbed for well pad only, less access road (acres): 19.7

23) Describe centralizer placement for each casing string:

Surface: (1) on shoe track w/stop collar & (1) per jt over coupling to surface; Intermediate: (1) on shoe track w/stop collar & (1) per 3 jts over coupling; Production String: (1) centralizer every jt in the lateral and curve & (1) every other joint from KOP to surface.

24) Describe all cement additives associated with each cement type:

For the Water String the blend will contain class A cement, 3% CaC12, and flake. The intermediate will contain class A cement, 3% CAC12, and flake. The Production cement will have a lead and tail cement. The lead will contain class A, G, or H cement, KCI, dispersant, suspension agent, and retarder. The tail will contain class A, G. or H cement, Calcium Carbonate, KCI, dispersant, de-foamer, suspension agent, and friction reducer.

25) Proposed borehole conditioning procedures:

Air sections ensured to be clean via air circulation once TD is reached. Fluid sections will be circulated a minimum of 2 bottoms up once casing point has been reached and until uniform mud properties are es electived ce of Oil and Gas

*Note: Attach additional sheets as needed.

Environmental Protection

Cement Additives

The Water String the blend will contain class A cement, 3% CaCl2, and flake.

The intermediate will contain class A cement, 10% CaCl2, Salt, and flake.

The Production cement will have a lead and tail cement.

The lead will contain class A, G, or H cement, KCl, dispersant, suspension agent, and retarder.

The tail will contain class A, G, or H cement, Calcium Carbonate, KCl, dispersant, de-foamer, suspension agent, and friction reducer.



				ŀ	Hicks M	l18H		
Twp, Marshall Co.	WV						Ground Level Elev. (ft above SL):	1,138
			<u> </u>					*All Depths Reference GL*
DRILLING FLUID/ BIT TYPE / TFA	CENTRALIZER PROGRAM	CASING SIZE / FORMATION	MD (FT)	TVD (FT)	WELLHEAD DESIGN	HOLE SIZE (IN)	CASING SPECS	CEMENT PROGRAM
Core Barrel / Auger		20" Conductor	60	60	INC AZM	26-36	Conductor 20" API 5L Minimum 40 ft from GL or at le	Grout to Surface
·	Bow Spring: (1) on shoe track w/ stop collar & (1) per 2 t over coupling to surface						Surface Casing 13-3/8" 54.5# J-55 BTC 0.380" Wall Coupling OD (in) 14.375 10 (in) 12.459 Burst (psi) 2,730 Collapse (psi) 1,130 Yield (rt Strength 1,000 lbs) 853	<u>Surface Biend (Class A)</u> Cement to Surface
		13-3/8" Casing	480	480		17.5	Minimum 50 ft past deepesi	known fresh water
	Bow Spring: (1) on shoe track w/ stop collar & (1) per 3 its over coupling						Intermediate Casing 9-5/8" 40#L-80 BTC 0.395" Wall Coupling OD (in) 10.625 ID (in) 8.835 Drift ID (in) 8.679 Burst (psi) 5,750 Collapse (psi) 3,080 Yield (Jt Strength 1,000 lbs) 916	Intermediate II Blend (Class A) Cement to Surface
		9-5/8" Casing	2,025	2,025		12.375 - 12.25		
	Bow Spring: (1) per every other it over coupling SpiraGlider or Centek: (1) per it of csg to KOP		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Production Casing 5-1/2" 20# P-110, 0.361" Wall Coupling OD (in) 6.300 ID (in) 4.778 Drift ID (in) 4.653 Burst (psi) 14,360 Collapse (psi) 12,090 Yield (Jt Strength 1,000 lbs) 729	Production Lead Sturry Cement to 500' below 9-5/8" shoe
	Float Equip. (2) Jis of Csg							Production Tail Slurny TOC minimum 200 above Marcel Office of Oil and Gas DEC 20 2018 V Department of Immental Protection

WW-9 (4/16)

API Number 47 -

nber 47 -Operator's Well No. м18н

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN
Operator Name Chevron Appalachia, LLC OP Code 49449935
Watershed (HUC 10) Middle Grave Creek - Grave Creek Quadrangle Glen Easton, WV 7.5'
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No No
If so, please describe anticipated pit waste:
Will a synthetic liner be used in the pit? Yes No If so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:
Land Application
Underground Injection (UIC Permit Number) Reuse (at API Number at next anticipated well
Off Site Disposal (Supply form WW-9 for disposal location)
Other (Explain_
Will closed loop system be used? If so, describe: Yes, we will be utilizing multiple open/closed top tanks
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Air to KOP, SBM KOP to TMD
-If oil based, what type? Synthetic, petroleum, etc. Synthetic
Additives to be used in drilling medium? Barite, fluid loss, emulsifiers, rheological control
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Removed offsite
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)
-Landfill or offsite name/permit number? Arden Landfill #100172; South Hills Landfill #100592; Short Creek Landfill #WW0109517
Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment. Company Official Signature Office of Oil and Gas
Company Official (Typed Name) Jenny Butchko
Company Official Title Termitoring feath Lead
Subscribed and sworn before me this 28th day of November, 2018 County of Allegheny Notary Public
My commission expires September 17, 2022 Commonwealth of Pennsylvania - Notary Sec Laura Savage, Notary Public Allegheny County My commission expires September 17, 202 Commission number 1285773

Proposed Revegetation T	Treatment: Acres Disturbed +/	- 4 acres Prevegetation pH	Per soils testing report
Lime 3	Tons/acre or to correc	t to pHunless otherwise noted in soils report	
Fertilizer type	10-20-20		
Fertilizer amour	nt_300	lbs/acre	
Mulch_3		Tons/acre	
		Seed Mixtures	
	Temporary	Permar	ent
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Ryegra	ass 50	No agricultural Upland and Hayfield	Pastureland and Cropland
Winter Wheat	75	Tall Fescue 100, Orchard Grass 8	0, Perennial Ryegrass 33,
		Timothy 80, Ladino Clover 18	3, Birdsfoot- Trefoil 20,
Maps(s) of road, location, provided). If water from the creage, of the land applications.	the pit will be land applied, inclication area.	Birdsfoot-Trefoil 18, Ladino Clean application (unless engineered plans include dimensions (L x W x D) of the pit, and	ng this info have been
provided). If water from t acreage, of the land application	the pit will be land applied, inclication area. Evolved 7.5' topographic sheet.	application (unless engineered plans includi	ng this info have been
Maps(s) of road, location, provided). If water from the location of the land applied Photocopied section of in Plan Approved by:	the pit will be land applied, inclication area. avolved 7.5' topographic sheet.	application (unless engineered plans including ude dimensions (L x W x D) of the pit, and	ng this info have been
Maps(s) of road, location, provided). If water from to creage, of the land application of in the land Approved by:	the pit will be land applied, inclication area. avolved 7.5' topographic sheet.	application (unless engineered plans including ude dimensions (L x W x D) of the pit, and	ng this info have been
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Maps(s) of road, location, provided). If water from the location of the land applied Photocopied section of in Plan Approved by:	the pit will be land applied, inclication area. avolved 7.5' topographic sheet.	application (unless engineered plans including ude dimensions (L x W x D) of the pit, and	ng this info have been



Chevron



Appalachian LLC
WV Well Site Safety Plan

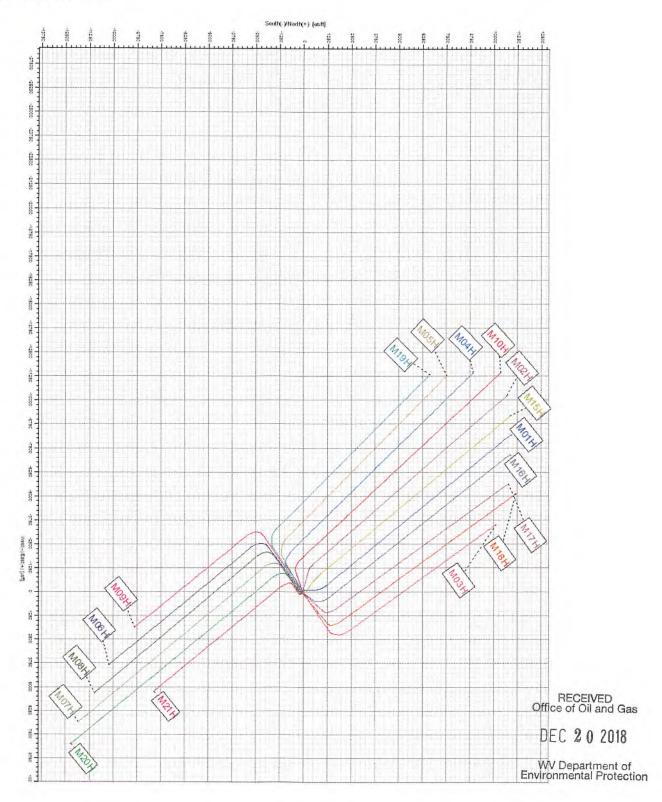
Pad: Hicks Pad A Well # M18H

271 Arbor Lane
Moundsville, WV 26041
Clay District
Marshall County, WV

Access Point – [39.872100°N, 80.711825°W] Well Site – [39.871558°N, 80.717794°W] Marshall County, West Virginia



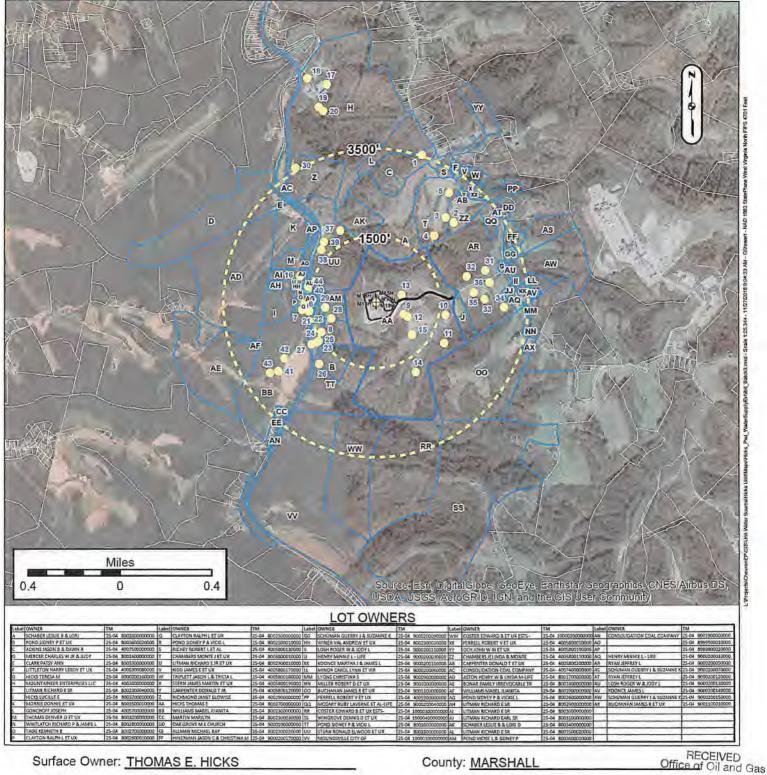
8. Spider Plot





WATER SUPPLY EXHIBIT HICKS PAD BATCH #3





Surface Owner: THOMAS E. HICKS

Oil/Gas Owner: THOMAS E. HICKS

Well Operator: CHEVRON APPALACHIA, LLC

Address: 700 CHERRINGTON PARKWAY

CORAOPOLIS, PA 15108

Phone: 724-564-3700

County: MARSHALL

Township: MOUNDSVILLE, WV

GROUNDWATER & ENVIRONMENTAL 2 0 2018

Surveyor: SERVICES, INC.

WV Department of Environmental Protection

Address: 301 COMMERCE PARK DR

CRANBERRY TOWNSHIP, PA 16066

Phone: 800-267-2549



WATER SUPPLY EXHIBIT HICKS PAD BATCH #3



No.	WATER PURVEYOR	SUPPLY	ELEV.	ADDRESS	PHONE #
1*	ADKINS JASON B & DAWN R	Spring	1,214	148 Nathan Lane	304-845-9456
2	CHAMBERS JELINDA & MONTE	Spring	1,123	3389 Fork Ridge Road	304-218-8647
3	CHAMBERS JELINDA & MONTE	Spring	1,108	3389 Fork Ridge Road	304-218-8647
4	CHAMBERS MONTE J ET UX	Spring	1,121	3389 Fork Ridge Road	304-218-8647
5	CHAMBERS MONTE J ET UX	Pond	1,176	3389 Fork Ridge Road	304-218-8647
6	CLAYTON RALPH L ET UX	Well	734	3307 Big Grave Creek Road	304-845-3507
7	CLAYTON RALPH L ET UX	Stream	736	3307 Big Grave Creek Road	304-845-3507
8	POND SIDNEY P & VICKI L	Well	539	119 Labrador Lane	304-843-1522
9	HICKS THOMAS E	Well	1,112	353 Arbor Lane	304-559-7031
10	HICKS THOMAS E	Well	1,156	353 Arbor Lane	304-559-7031
11	HICKS THOMAS E	Stream	1,116	353 Arbor Lane	304-559-7031
12	HICKS THOMAS E	Stream	1,111	353 Arbor Lane	304-559-7031
13	HICKS THOMAS E	Stream	1,117	353 Arbor Lane	304-559-7031
14	HICKS THOMAS E	Pond	1,112	353 Arbor Lane	304-559-7031
15	HICKS THOMAS E	Pond	1,111	353 Arbor Lane	304-559-7031

No.	SUPPLY COORDINATES	M15H	M16H	M17H	M18H	M19H
1	39°52'51.56400"N 80°42'52.07400"W	3,470	3,483	3,496	3,509	3,522
2	39°52'36.41880"N 80°42'42.33960"W	2,518	2,526	2,534	2,542	2,551
3	39°52'37.48800"N 80°42'44.78400"W	2,469	2,478	2,487	2,497	2,506
4	39°52'33.37320"N 80°42'48.02040"W	1,989	1,998	2,007	2,016	2,025
5	39°52'43.06080"N 80°42'43.80120"W	2,966	2,976	2,987	2,997	3,008
6	39°52'17.70240"N 80°43'26.01840"W	1,633	1,635	1,638	1,640	1,643
7	39°52'16.34520"N 80°43'26.69160"W	1,700	1,701	1,702	1,704	1,705
8	39°52'11.42040"N 80°43'20.97120"W	1,443	1,438	1,434	1,429	1,425
9	39°52'15.61800"N 80°42'56.81880"W	722	713	703	695	686
10	39°52'15.67920"N 80°42'44.41320"W	1,644	1,639	1,633	1,627	1,622
11	39°52'09.33240"N 80°42'44.70120"W	1,857	1,847	1,836	1,826	1,816
12	39°52'15.11040"N 80°42'55.73160"W	821	811	802	793	784
13	39°52'19.97760"N 80°42'57.50640"W	606	606	606	607	608
14	39°52'02.75520"N 80°42'53.05680"W	1,874	1,860	1,846	1,832	1,817
15	39°52'11.07840"N 80°42'54.26280"W	1,150	1,138	1,126	1,114	1,102



WATER SUPPLY EXHIBIT HICKS PAD BATCH #3



No.	WATER PURVEYOR	SUPPLY	ELEV.	ADDRESS	PHONE #
16	LITMAN RICHARD EARL SR JR	Well	733	34 Litman Drive	304-810-2404
17	MOUNTAINEER ENTERPRISES LLC	Well	692	Big Grave Creek Road	304-845-7537
18	MOUNTAINEER ENTERPRISES LLC	Well	663	Big Grave Creek Road	304-845-7537
19	MOUNTAINEER ENTERPRISES LLC	Pond	697	Big Grave Creek Road	304-845-7537
20	MOUNTAINEER ENTERPRISES LLC	Pond	711	Big Grave Creek Road	304-845-7537
21	POND SIDNEY P & VICKI L	Well	729	119 Labrador Lane	304-845-6520
22	POND SIDNEY P & VICKI L	Stream	733	119 Labrador Lane	304-845-6520
23	POND SIDNEY P & VICKI L	Well	733	119 Labrador Lane	304-845-6520
24	POND SIDNEY P ET UX	Well	733	119 Labrador Lane	304-845-6520
25	POND SIDNEY P ET UX	Stream	729	119 Labrador Lane	304-845-6520
26	POND SIDNEY P ET UX	Stream	734	119 Labrador Lane	304-845-6520
27	POND SIDNEY P ET UX	Stream	716	119 Labrador Lane	304-845-6520
28	POND VICKIE L & SIDNEY P	Spring	716	119 Labrador Lane	304-845-6520
29	POND VICKIE L & SIDNEY P	Spring	725	119 Labrador Lane	304-845-6520
30	RICHMOND, LESTER A.	Spring	713	350 Falls Creek Lane	304-231-7656

No.	SUPPLY COORDINATES	M15H	M16H	M17H	M18H	M19H
16	39°52'23.84760"N 80°43'27.50880"W	1,819	1,827	1,834	1,841	1,849
17	39°53'06.90360"N 80°43'20.49600"W	5,015	5,030	5,045	5,060	5,075
18	39°53'08.20680"N 80°43'26.22000"W	5,265	5,280	5,295	5,310	5,324
19	39°53'01.81320"N 80°43'22.71360"W	4,565	4,580	4,595	4,610	4,625
20	39°53'00.99240"N 80°43'21.41040"W	4,456	4,471	4,486	4,501	4,516
21	39°52'16.07880"N 80°43'24.79080"W	1,558	1,559	1,559	1,560	1,561
22	39°52'16.09680"N 80°43'24.59280"W	1,542	1,543	1,544	1,545	1,546
23	39°52'09.12000"N 80°43'22.12680"W	1,647	1,641	1,635	1,630	1,624
24	39°52'09.12000"N 80°43'22.12680"W	1,647	1,641	1,635	1,630	1,624
25	39°52'09,37560"N 80°43'21,80280"W	1,612	1,606	1,600	1,594	1,588
26	39°52'04.21680"N 80°43'21,55080"W	1,953	1,944	1,935	1,926	1,917
27	39°52'08.58720"N 80°43'23.84040"W	1,787	1,782	1,776	1,770	1,765
28	39°52'14.48400"N 80°43'18.15960"W	1,106	1,103	1,101	1,098	1,096
29	39°52'16.92840"N 80°43'19.92720"W	1,170	1,171	1,172	1,173	1,174
30	39°52'48.08280"N 80°43'29.22960"W	3,511	3,525	3,539	3,553	3,567

RECEIVED Office of Oil and Gas

DEC 2 0 2018

WV Department of Environmental Protection



WATER SUPPLY EXHIBIT HICKS PAD BATCH #3



No.	WATER PURVEYOR	SUPPLY	ELEV.	ADDRESS	PHONE #
31*	RYAN JEFFREY L	Spring	1,218	Arbor Lane	304-845-3267
32*	RYAN JEFFREY L	Spring	1,206	Arbor Lane	304-845-3267
33*	RYAN JEFFREY L	Spring	1,187	Arbor Lane	304-845-3267
34*	RYAN JEFFREY L	Spring	1,219	Arbor Lane	304-845-3267
35*	RYAN JEFFREY L	Pond	1,211	Arbor Lane	304-845-3267
36*	RYAN JEFFREY L	Well	1,251	Arbor Lane	304-845-3267
37	STERN RONALD ELWOOD ET UX	Stream	716	850 Falls Creek Lane	304-845-0925
38	STERN RONALD ELWOOD ET UX	Pond	717	850 Falls Creek Lane	304-845-0925
39	STERN RONALD ELWOOD ET UX	Pond	716	850 Falls Creek Lane	304-845-0925
40	TAGG KENNETH B	Well	575	3303 Big Grave Creek Road	304-845-0280
41	WILLIAMS MABEL JUANITA	Well	758	3649 Big Grave Creek Road	304-845-9499
42	WILLIAMS MABEL JUANITA	Spring	730	3649 Big Grave Creek Road	304-845-9499
43	WILLIAMS MABEL JUANITA	Spring	776	3649 Big Grave Creek Road	304-845-9499
44	WINER, VAL	Well	689	3209 Big Grave Creek Road	304-845-4573

No.	SUPPLY COORDINATES	M15H	M16H	M17H	M18H	M19H	
31	39°52'25.74120"N 80°42'32.81040"W	2,615	2,616	2,617	2,618	2,620	
32	39°52'24.38040"N 80°42'38.32920"W	2,164	2,165	2,166	2,167	2,168	
33	39°52'19.25400"N 80°42'32.95440"W	2,508	2,505	2,502	2,500	2,497	
34	39°52'17.52240"N 80°42'27.14760"W	2,963	2,959	2,956	2,952	2,948	
35	39°52'20.74440"N 80°42'36.21240"W	2,262	2,260	2,259	2,257	2,256	
36	39°52'23.03040"N 80°42'31.56120"W	2,651	2,651	2,650	2,649	2,649	
37	39°52'34.17960"N 80°43'15.74760"W	1,765	1,779	1,794	1,808	1,823	
38	39°52'29.81640"N 80°43'21.30600"W	1,685	1,697	1,709	1,722	1,734	
39	39°52'31.56960"N 80°43'20.56800"W	1,768	1,781	1,794	1,807	1,820	
40	39°52'18.70320"N 80°43'23.80080"W	1,457	1,460	1,463	1,467	1,470	
41	39°52'02.46720"N 80°43'33.52080"W	2,762	2,756	2,750	2,744	2,738	
42	39°52'05.32560"N 80°43'31.72080"W	2,481	2,476	2,470	2,465	2,460	
43	39°52'02.01720"N 80°43'35.95440"W	2,942	2,937	2,931	2,925	2,920	
44	39°52'21.57240"N 80°43'25.11480"W	1,584	1,590	1,596	1,602	1,608	

RECEIVED Office of Oil and Gas

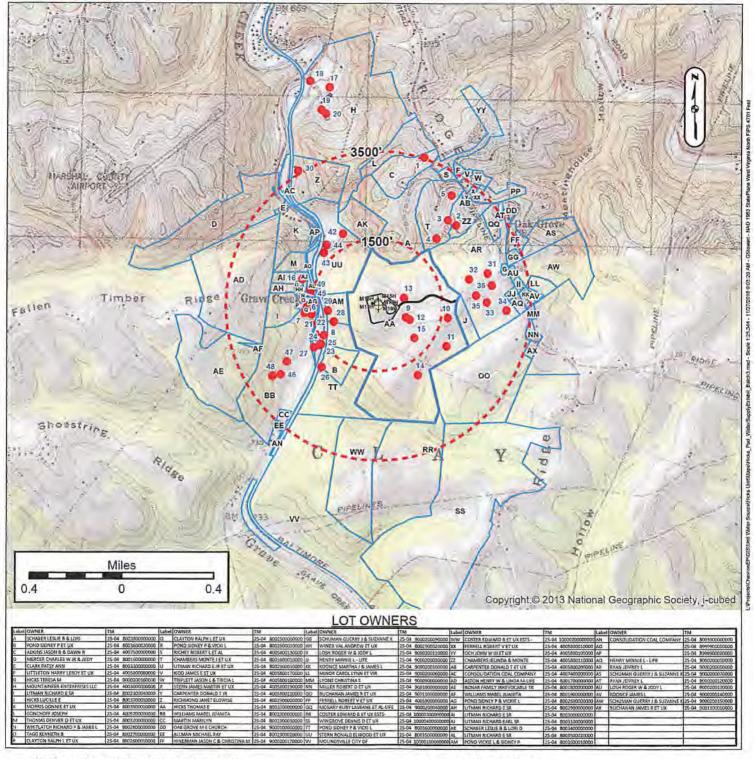
DEC 2 0 2018

WV Department of Environmental Protection



WATER SUPPLY EXHIBIT **HICKS PAD BATCH #3**





Surface Owner: THOMAS E. HICKS

Oil/Gas Owner: THOMAS E. HICKS

Well Operator: CHEVRON APPALACHIA, LLC

Address: 700 CHERRINGTON PARKWAY

CORAOPOLIS, PA 15108

Phone: 724-564-3700

County: MARSHALL

Township: MOUNDSVILLE, WV

RECEIVED Office of Oil and Gas

GROUNDWATER & ENVIRONMENTAL

Surveyor: SERVICES, INC.

Address: 301 COMMERCE PARK DR Wy Department of CRANBERRY TOWNSHIP, PA 16056al Protection

Phone: 800-267-2549

PAGE SEE



SURFACE HOLE LOCATION (SHL) UTM 17-NAD83(M) N:4413562.45 E:524111.89 NAD83, WV NORTH N:501958.830 E:1626636.690

UTM 17-NAD83(M) N:4414193.26 E:524543.71 NAD83, WV NORTH N:504005.140 E:1628088.310

BOTTOM HOLE LOCATION (BHL) UTM 17-NAD83(M) N:4416972.09 E:522519.45 NAD83, W NORTH N:513234.910

E:1621598.120

on Topo 02/22/2

w. w

located

ongopo

7,918

feet

west

9

Longitude: Longitude:

80. 42 30

map map



	LESSOR	DIST-TM/PAR
A	CHRISTA DAWN HICKS ET AL	4-8/37
В	JEFFREY LOWELL RYAN	4-9/2.5
С	MONTE J. CHAMBERS ET UX	4-4/58.11
D	MONTE J. CHAMBERS ET UX	4-8/38.1
E	MARGARET E. HOSTUTLER, TRUSTEE	4-8/38
F	MARGARET E. HOSTUTLER, TRUSTEE	4-4/75
G	JOSEPH GONCHOFF	4-4/57
Н	CNX GAS COMPANY LLC	4-4/30
J	CNX GAS COMPANY LLC	4-4/74
K	WILLIAM KIDD JR., ET UX	4-4/28
L	HARRY KEITH HYDE ET UX	4-4/31.1
М	THOMAS HAUGHT, ET UX	4-4/27
N	ROGER N. HEMPHILL ET UX	4-4/32
P	PAUL WAYNE LIGHTNER	4-4/1.1
Q	JOHN D. LIGHTNER JR. ET UX	4-4/1.2
R	MARY VIRGINIA GONCHOFF ET AL	4-3/13
S	JOHNNIE LYNN WAYT	4-3/10
	JOHN FREDERICK GUMP JR.	
T	BRIAN K. CONNER	4-3/10.1
U	MARSHALL COUNTY HUNTING AND FISHING CLUB INC. THE HEIRS OF E. S. RICHARDON	4-3/8

	SURFACE OWNER	DIST-TM/PAR
1	THOMAS E. HICKS	4-8/37
2	JEFFREY L. RYAN	4-9/2.5
3	JELINDA & MONTE CHAMBERS	4-4/58.11
4	MONTE J. CHAMBERS ET UX	4-8/38.1
5	CHEVRON USA INC	4-8/38
6	JASON B. & DAWN R. ADKINS	4-4/75
7	JOSEPH GONCHOFF	4-4/57
8	MOUNTAINEER ENTERPRISES LLC	4-4/30
9	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT	4-4/74
10	RICHARD LEE DAVIS ET UX	4-4/28.1
11	WILLIAM KIDD JR. ET UX	4-4/28
12	HARRY K. HYDE ET UX	4-4/31.1
13	THOMAS L. HAUGHT ET AL	4-4/27
14	WILLIAM KIDD JR. ET UX	4-4/4.8
15	DARLENE HOGAN LUCAS	4-4/4.11
16	GREGORY S. HYDE ET UX	4-4/31
17	HARRY K. HYDE ET UX	4-4/31.2
18	LARRY M. BUKOSKY ET UX	4-4/26
19	LARRY M. BUKOSKY ET UX	4-4/25
20	ROBERT & PATSY CLARK	4-4/24
21	MELVIN R. WADE	4-4/21
22	CLARICE HYDE	4-4/23
23	HARRY K. & MARY J. HYDE	4-4/23.1
24	RICHARD LEE BURGY JR.	4-4/20
25	JAMES E, WOODS	4-4/19
26	HARRY KEITH HYDE ET UX	4-4/18
27	KEVIN J. & TAMERA M. SMITH	4-4/32.1
28	ROGER N. HEMPHILL ET UX	4-4/32
29	GEORGE R. FINNEGAN	4-4/17
30	ROBERT L. CLARK	4-4/17.1
31	PAUL WAYNE LIGHTNER	4-4/1.1
32	JOHN D., JR. & CATHY L. LIGHTNER	4-4/1.2
33	FRANK GONCHOFF ET AL	4-3/13
34	ELSIE GUMP - LIFE	4-3/10
35	DAVID SHAWN CONNER	4-3/10.1
36	MARSHALL COUNTY HUNTING & FISHING	4-3/8
37	*DANIEL L. DOBBS	4-2/48

Blue Mountain 11023 MASON DIXON HIGHWAY BURTON, WV 26562 PHONE: (304) 662-6486

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

DRAWING #: HICKS M18H	BELIEF AND SHOWS ALL	HE BEST OF MY KNOWLEDGE AND THE INFORMATION REQUIRED BY	No. 2000
SCALE: 1" = 2000'	The state of the s	ONS ISSUED AND PRESCRIBED BY ENVIRONMENTAL PROTECTION.	STATE OF
MINIMUM DEGREE OF ACCURACY: 1/2500	Signed:	rge Delig	VIRGINITY VIRGINITY
PROVEN SOURCE U.S.G.S. MONUMENT THOMAS 1498.81'	R.P.E.:	L.L.S.: P.S. No. 2000	PLACE SEAL HERE
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS		DATE: OCTOBER 24	, 2018
WVDEP OFFICE OF OIL & GAS		OPERATOR'S WELL #:	HICKS M18H
601 57TH STREET CHARLESTON, WV 25304	and the second	API WELL #: 47 STATE CO	51 02/65 DUNTY PERMIT
Well Type: Oil Waste Disposal	Production Deep		Storage X Shallow

	Minimum Marine
I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS CORRECT TO THE BEST OF MY KNOWLEDGE AND AND SHOWS ALL THE INFORMATION REQUIRED BY THE REGULATIONS ISSUED AND PRESCRIBED BY PARTMENT OF ENVIRONMENTAL PROTECTION.	No. 2000 STATE OF VIRGINIA
L.L.S.: P.S. No. 2000	PLACE SEAL HERE

DATE:	OCTOBER	24, 2018	
OPERATOR'S	WELL #:	HICK	S M18H
API WELL #:	47	51	02165
	STATE	COUNTY	PERMIT

WATERSHED: MIDDLE GRAV	/E CREEK-GRAVE CREEK	ELEVA	ΓΙΟΝ:	1161.57	
COUNTY/DISTRICT:	MARSHALL / CLAY	QUADRANGLE:	GLEN EAST	ON, WV 7.5'	
SURFACE OWNER:	THOMAS E. HICKS		ACREAGE:_	172.100±	
OIL & GAS ROYALTY OWN	ER:CHRISTA DAWN HICKS ET AL		ACREAGE:	967.111±	
DRILL X CONVERT	DRILL DEEPER REDRILL FRA	ACTURE OR STIMULA	TE X PLU	G OFF OLD	FORMATION [
PERFORATE NEW FORMATI	ON PLUG & ABANDON CLEA	N OUT & REPLUG	OTHER CH	IANGE [
(SPECIFY):					
TARGET FORMATION:	MARCELLUS	ESTIMATED DEPTH:	TVD: 6,3	36'± TMD:	18,585.58'±

WELL OPERATOR CHEVRON APPALACHIA, LLC Address 700 CHERRINGTON PARKWAY

City CORAOPOLIS

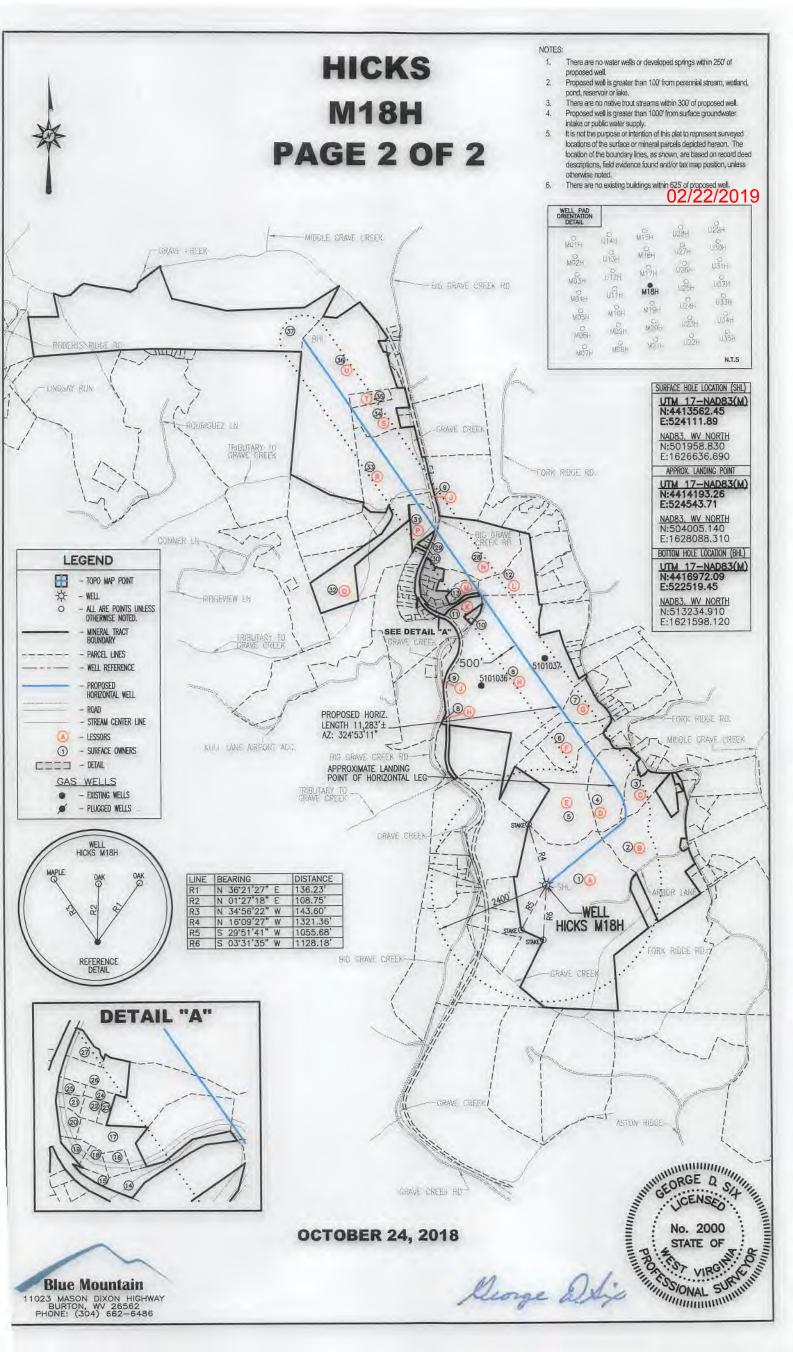
State PA Zip Code 15108 DESIGNATED AGENT Address 500 LEE STREET, EAST SUITE 1600

City

CHARLESTON

KENNETH E. TAWNEY

Zip Code 25301-3202 State W



WW-6A1 (5/13)

Operator's Well No.	M18H
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INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Lease Name or	C	1 2 C 4 C 5 C 7 C 5	20.00	27.0.2

See Attached

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed RECEIVED permits/approvals should be acquired from the appropriate authority before the affected activity is initiated from Gas

Well Operator:	Chevron Appalachia, LLC	DEC 2 0 2018
By:	Jenny Butchko Constant	WV Department of Environmental Protection
Its:	Permitting Team Lead	Environmental Protection

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Hicks Unit #18H

	Parcel		LICKS OHIT #TOL			· · · · · · · · · · · · · · · · · · ·	
Plat ID	Number	Lessor	Lessee	Royalty	Book/Page	Assignment #1	Assignment #2
. 1	4-8-37	Hicks, Christa Dawn et al	Chevron U.S.A. Inc.	0.18	841/246	n/a	n/gp 02
. 2	4-9-2.5	Ryan, Jeffrey Lowell	Chevron U.S.A. Inc.	0.18	841/237	n/a	a landiland
3	4-4-58.11	Chambers, Monte J. et ux	Chevron U.S.A. Inc.	0.18	860/275	n/a	Office of Oil and
, 4	4-8-38.1	Chambers, Monte J. et ux	Chevron U.S.A. Inc.	0.18	860/275	n/a	
, 5	4-8-38	Hostutler, Margaret E. Trustee	Chevron U.S.A. Inc.	0.16	828/346	n/a	Mice of Market
, 6	4-4-75	Hostutler, Margaret E. Trustee	Chevron U.S.A. Inc.	0.16	828/346	n/a	n/a O
/	4-4-57	Gonchoff, Joseph	Chevron U.S.A. Inc.	0.18	847/485	n/a	n/a
8	4-4-30	CNX Gas Company LLC	Chevron U.S.A. Inc.	0.2	818/549	n/a	n/a
9	4-4-74	CNX Gas Company LLC	Chevron U.S.A. Inc.	0.2	818/549	n/a 24/180	n/a 756/332
11	4-4-28	Kidd, William, Jr. et ux	TriEnergy Holdings, LLC	0.16	704/40	TriEnergy Holdings, LLC	
12	4.4.24.4					to NPAR, LLC 24/180	U.S.A. Inc. 756/332
12	4-4-31.1	Hyde, Harry Keith et ux	TriEnergy Holdings, LLC	0.18	706/623	TriEnergy Holdings, LLC	
13	4-4-27	11. In 1				to NPAR, LLC 24/180	U.S.A. Inc. 756/332
13	4-4-27	Haught, Thomas et ux	TriEnergy Holdings, LLC	0.18	706/89	TriEnergy Holdings, LLC	
28	4-4-32	Hemphill, Roger N. et ux	Charman II C A Inc	0.44	0464440	to NPAR, LLC	U.S.A. Inc.
31	4-4-1.1	Lightner, Paul Wayne	Chevron U.S.A. Inc. Chevron U.S.A. Inc.	0.14	816/442	n/a	n/a
32	4-4-1.2	Lightner, John D Jr. et ux	Chevron U.S.A. Inc.	0.18	861/643	n/a	n/a
33	4-3-13	Gonchoff, Mary Virginia et al	Chevron U.S.A. Inc.	0.18 0.18	862/1	n/a	n/a
24		Wayt, Johnnie Lynn - SFX	Chevron U.S.A. Inc.	0.18	847/493 840/410	n/a /-	n/a
34	4-3-10	Gump, John Frederick, Jr SFX	Chevron U.S.A. Inc.	0.18	840/410	n/a n/a	n/a
			chevion o.s.A. mc.	0.10	040/413	26/201	n/a
35	4-3-10.1	Conner, Brian K.	NPAR, LLC	0.18	736/140	NPAR, LLC to Chevron	n/a
						U.S.A. Inc.	·
		Marshall County Hunting and Fishing Club Inc.	Chevron U.S.A. Inc.	0.16	795/358	n/a	n/a
		Pierce, Jo Ann L SFX	Chevron U.S.A. Inc.	0.14	806/51	n/a	n/a
		Stewart, Vicki L SFX	Chevron U.S.A. Inc.	0.14	806/381	n/a	n/a
		Miller, Mary V SFX	Chevron U.S.A. Inc.	0.14	811/414	n/a	n/a
		Hayes, William Wayne - SFX	Chevron U.S.A. Inc.	0.14	805/263	n/a	n/a
		Berdine, Shirley Jean - SFX	Chevron U.S.A. Inc.	0.14	805/363	n/a	n/a
		Cutlip, Charlotte - SFX	Chevron U.S.A. Inc.	0.14	804/622	n/a	n/a
		Dennison, Clifton Gary - SFX	Chevron U.S.A. Inc.	0.14	804/629	n/a	n/a
		· · · · · · · · · · · · · · · · · · ·	and the state of t	0.17	30-7,023	11/ d	ii/a

Dennison, Kevan D SFX McCullough, Nancy Inene - SFX Chevron U.S.A. Inc. 0.14 807/313 0.14 807	Plat ID	Parcel Number	Lessor	Lessee	Royalty	Book/Page	Assignment #1	Ass	ignment #2
McCullough, Nancy Irene - SFX Robinson, Glenna A SFX Chevron U.S.A. Inc. Gill, Glenda - SFX Chevron U.S.A. Inc. Gill, Glenda - SFX Chevron U.S.A. Inc. Tait, Betty J SFX Chevron U.S.A. Inc. Linde, Janis K SFX Chevron U.S.A. Inc. Linde, Janis K SFX Chevron U.S.A. Inc. Chevron U.S.A. Inc. Linde, Janis K SFX Chevron U.S.A. Inc. Gilbert, Alian E SFX Chevron U.S.A. Inc. Gilbert, Alian E SFX Chevron U.S.A. Inc. Linde, Janis K SFX Chevron U.S.A. Inc. Linde, Janis K SFX Chevron U.S.A. Inc. Chevron U.S.A. Inc. Linde, Janis K SFX Chevron U.S.A. I			Dennison, Kevan D SFX	Chevron U.S.A. Inc.	0.14	807/313	n/a	<u> </u>	n/a
Stevens, John F SFX Chevron U.S.A. Inc. 0.14 807/170 n/a n/a Gilbert, Allan E SFX Chevron U.S.A. Inc. 0.14 813/640 n/a n/a Skidmore, Jeanette - SFX Chevron U.S.A. Inc. 0.14 814/582 n/a n/a Bee, Sharon - SFX Chevron U.S.A. Inc. 0.14 815/169 n/a n/a Hatcher, Willie V SFX Chevron U.S.A. Inc. 0.14 815/400 n/a n/a Dotson, Naomi - SFX Chevron U.S.A. Inc. 0.14 815/451 n/a n/a Hart, Donald Andrew - SFX Chevron U.S.A. Inc. 0.14 817/555 n/a n/a Hart, Daniel A SFX Chevron U.S.A. Inc. 0.14 817/548 n/a n/a Wood, Sharon F SFX Chevron U.S.A. Inc. 0.14 817/549 n/a n/a Hickman, Kenneth A SFX Chevron U.S.A. Inc. 0.14 818/133 n/a n/a Smith, Donna Marie - SFX Chevron U.S.A. Inc. 0.14 818/130 n/a n/a <t< td=""><td></td><td></td><td>McCullough, Nancy Irene - SFX</td><td>Chevron U.S.A. Inc.</td><td>0.14</td><td>805/370</td><td></td><td>octio</td><td></td></t<>			McCullough, Nancy Irene - SFX	Chevron U.S.A. Inc.	0.14	805/370		octio	
Stevens, John F SFX Chevron U.S.A. Inc. 0.14 807/170 n/a n/a Gilbert, Allan E SFX Chevron U.S.A. Inc. 0.14 813/640 n/a n/a Skidmore, Jeanette - SFX Chevron U.S.A. Inc. 0.14 814/582 n/a n/a Bee, Sharon - SFX Chevron U.S.A. Inc. 0.14 815/169 n/a n/a Hatcher, Willie V SFX Chevron U.S.A. Inc. 0.14 815/400 n/a n/a Dotson, Naomi - SFX Chevron U.S.A. Inc. 0.14 815/451 n/a n/a Hart, Donald Andrew - SFX Chevron U.S.A. Inc. 0.14 817/555 n/a n/a Hart, Daniel A SFX Chevron U.S.A. Inc. 0.14 817/548 n/a n/a Wood, Sharon F SFX Chevron U.S.A. Inc. 0.14 817/549 n/a n/a Hickman, Kenneth A SFX Chevron U.S.A. Inc. 0.14 818/133 n/a n/a Smith, Donna Marie - SFX Chevron U.S.A. Inc. 0.14 818/130 n/a n/a <t< td=""><td></td><td></td><td>Robinson, Glenna A SFX</td><td>Chevron U.S.A. Inc.</td><td>0.14</td><td>814/406</td><td>n/a op \$5</td><td>rote</td><td></td></t<>			Robinson, Glenna A SFX	Chevron U.S.A. Inc.	0.14	814/406	n/a op \$5	rote	
Stevens, John F SFX Chevron U.S.A. Inc. 0.14 807/170 n/a n/a Gilbert, Allan E SFX Chevron U.S.A. Inc. 0.14 813/640 n/a n/a Skidmore, Jeanette - SFX Chevron U.S.A. Inc. 0.14 814/582 n/a n/a Bee, Sharon - SFX Chevron U.S.A. Inc. 0.14 815/169 n/a n/a Hatcher, Willie V SFX Chevron U.S.A. Inc. 0.14 815/400 n/a n/a Dotson, Naomi - SFX Chevron U.S.A. Inc. 0.14 815/451 n/a n/a Hart, Donald Andrew - SFX Chevron U.S.A. Inc. 0.14 817/555 n/a n/a Hart, Daniel A SFX Chevron U.S.A. Inc. 0.14 817/548 n/a n/a Wood, Sharon F SFX Chevron U.S.A. Inc. 0.14 817/549 n/a n/a Hickman, Kenneth A SFX Chevron U.S.A. Inc. 0.14 818/133 n/a n/a Smith, Donna Marie - SFX Chevron U.S.A. Inc. 0.14 818/130 n/a n/a <t< td=""><td></td><td></td><td>Gill, Glenda - SFX</td><td>Chevron U.S.A. Inc.</td><td>0.14</td><td>811/421</td><td>n/a Set 0</td><td>ral Fa</td><td></td></t<>			Gill, Glenda - SFX	Chevron U.S.A. Inc.	0.14	811/421	n/a Set 0	ral Fa	
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Stevens, John F SFX Chevron U.S.A. Inc. 0.14 807/170 n/a n/a Gilbert, Allan E SFX Chevron U.S.A. Inc. 0.14 813/640 n/a n/a Skidmore, Jeanette - SFX Chevron U.S.A. Inc. 0.14 814/582 n/a n/a Bee, Sharon - SFX Chevron U.S.A. Inc. 0.14 815/169 n/a n/a Hatcher, Willie V SFX Chevron U.S.A. Inc. 0.14 815/400 n/a n/a Dotson, Naomi - SFX Chevron U.S.A. Inc. 0.14 815/451 n/a n/a Hart, Donald Andrew - SFX Chevron U.S.A. Inc. 0.14 817/555 n/a n/a Hart, Daniel A SFX Chevron U.S.A. Inc. 0.14 817/548 n/a n/a Wood, Sharon F SFX Chevron U.S.A. Inc. 0.14 817/549 n/a n/a Hickman, Kenneth A SFX Chevron U.S.A. Inc. 0.14 818/133 n/a n/a Smith, Donna Marie - SFX Chevron U.S.A. Inc. 0.14 818/130 n/a n/a <t< td=""><td></td><td></td><td>Stevens, Albert D SFX</td><td>Chevron U.S.A. Inc.</td><td>0.14</td><td>813/84</td><td>n/a 분항 길</td><td>Z Z</td><td></td></t<>			Stevens, Albert D SFX	Chevron U.S.A. Inc.	0.14	813/84	n/a 분항 길	Z Z	
Stevens, John F SFX Chevron U.S.A. Inc. 0.14 807/170 n/a n/a Gilbert, Allan E SFX Chevron U.S.A. Inc. 0.14 813/640 n/a n/a Skidmore, Jeanette - SFX Chevron U.S.A. Inc. 0.14 814/582 n/a n/a Bee, Sharon - SFX Chevron U.S.A. Inc. 0.14 815/169 n/a n/a Hatcher, Willie V SFX Chevron U.S.A. Inc. 0.14 815/400 n/a n/a Dotson, Naomi - SFX Chevron U.S.A. Inc. 0.14 815/451 n/a n/a Hart, Donald Andrew - SFX Chevron U.S.A. Inc. 0.14 817/555 n/a n/a Hart, Daniel A SFX Chevron U.S.A. Inc. 0.14 817/548 n/a n/a Wood, Sharon F SFX Chevron U.S.A. Inc. 0.14 817/549 n/a n/a Hickman, Kenneth A SFX Chevron U.S.A. Inc. 0.14 818/133 n/a n/a Smith, Donna Marie - SFX Chevron U.S.A. Inc. 0.14 818/130 n/a n/a <t< td=""><td></td><td></td><td>Linde, Janis K SFX</td><td>Chevron U.S.A. Inc.</td><td>0.14</td><td>813/127</td><td>n/a o □</td><td>n Sign</td><td></td></t<>			Linde, Janis K SFX	Chevron U.S.A. Inc.	0.14	813/127	n/a o □	n Sign	
Gilbert, Allan E SFX Chevron U.S.A. Inc. O.14 Skidmore, Jeanette - SFX Chevron U.S.A. Inc. O.14 Bee, Sharon - SFX Chevron U.S.A. Inc. O.14 Chev			Stevens, John F SFX	Chevron U.S.A. Inc.	0.14	807/170	n/a		
Skidmore, Jeanette - SFX Bee, Sharon - SFX Chevron U.S.A. Inc. D.14 Bee, Sharon - SFX Chevron U.S.A. Inc. D.14 Bee, Sharon - SFX Chevron U.S.A. Inc. D.14 B15/169 D14 D1500 D1500, Naomi - SFX Chevron U.S.A. Inc. D1500, Naomi - SFX Chevron U.S.A. Inc. D14 D1500, Naomi - SFX Chevron U.S.A. Inc. D16 D1750, Naomi - SFX Chevron U.S.A. Inc. D1750, Naomi - Naomi			Gilbert, Allan E SFX	Chevron U.S.A. Inc.	0.14	813/640			
Bee, Sharon - SFX Chevron U.S.A. Inc. 0.14 B15/169 N/a N/a N/a Haslett, Willie V SFX Chevron U.S.A. Inc. 0.14 B15/169 N/a N/a N/a Haslett, Willie V SFX Chevron U.S.A. Inc. 0.14 B15/400 N/a N/a N/a Dotson, Naomi - SFX Chevron U.S.A. Inc. 0.14 B15/451 N/a N/a N/a N/a Hart, Daniel Andrew - SFX Chevron U.S.A. Inc. 0.14 B17/555 N/a N/a N/a Hart, Daniel A SFX Chevron U.S.A. Inc. 0.14 B17/548 N/a N/a N/a Wood, Sharon F SFX Chevron U.S.A. Inc. 0.14 B17/499 N/a N/a N/a Hickman, Kenneth A SFX Chevron U.S.A. Inc. 0.14 B18/113 N/a N/a Smith, Donna Marie - SFX Chevron U.S.A. Inc. 0.14 B18/103 N/a Dennison, James F SFX Chevron U.S.A. Inc. 0.14 B17/582 N/a N/a N/a Snyder, Colleen K SFX Chevron U.S.A. Inc. 0.14 B17/582 N/a N/a Rosenlieb, Tammy - SFX Chevron U.S.A. Inc. 0.14 B16/449 N/a Rosenlieb, Tammy - SFX Chevron U.S.A. Inc. 0.14 B22/333 N/a N/a N/a Cain, Joseph L. et ux - SFX Chevron U.S.A. Inc. 0.14 B22/113 N/a N/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 B22/103 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 B29/585 N/a N/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 B29/585 N/a N/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 B29/585 N/a N/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 B29/585 N/a N/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 B29/585 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14 B28/381 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14 B28/381 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14 B28/381 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14 B28/381 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14 B28/381 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14 B28/381 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14 B28/381 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14 B28/381 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14 B28/381 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14 B28/381 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14 B28/381 N/a N/a Nolan, Janice E. SFX Chevron U.S.A. Inc. 0.14			Skidmore, Jeanette - SFX	Chevron U.S.A. Inc.	0.14				
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Haslett, Pamela J SFX Dotson, Naomi - SFX Chevron U.S.A. Inc. Dotson, James F SFX Chevron U.S.A. Inc. Dotson, James F. James F. James F. James F			Hatcher, Willie V SFX	Chevron U.S.A. Inc.	0.14	815/169			
Dotson, Naomi - SFX			Haslett, Pamela J SFX	Chevron U.S.A. Inc.	0.14	815/400			
Hart, Donald Andrew - SFX Hart, Daniel A SFX Chevron U.S.A. Inc. Chevron U.S.A. Inc			Dotson, Naomi - SFX	Chevron U.S.A. inc.	0.14	815/451	n/a		
Hart, Daniel A SFX			Hart, Donald Andrew - SFX	Chevron U.S.A. Inc.	0.14	817/555	n/a		
Wood, Sharon F SFX Chevron U.S.A. Inc. 0.14 817/499 n/a n/a Hickman, Kenneth A SFX Chevron U.S.A. Inc. 0.14 818/113 n/a n/a Smith, Donna Marie - SFX Chevron U.S.A. Inc. 0.14 818/130 n/a n/a Dennison, James F SFX Chevron U.S.A. Inc. 0.14 817/608 n/a n/a Snyder, Colleen K SFX Chevron U.S.A. Inc. 0.14 817/582 n/a n/a Hayes, Janice L SFX Chevron U.S.A. Inc. 0.14 816/449 n/a n/a Greene, Emma - SFX Chevron U.S.A. Inc. 0.14 822/383 n/a n/a Rosenlieb, Tammy - SFX Chevron U.S.A. Inc. 0.14 822/333 n/a n/a Price, Kimberly C SFX Chevron U.S.A. Inc. 0.14 822/333 n/a n/a Cain, Joseph L. et ux - SFX Chevron U.S.A. Inc. 0.14 822/133 n/a n/a Cain, Royce D SFX Chevron U.S.A. Inc. 0.14 822/133 n/a n/a			Hart, Daniel A SFX	Chevron U.S.A. Inc.	0.14	817/548	n/a		-
Hickman, Kenneth A SFX Chevron U.S.A. Inc. O.14 Smith, Donna Marie - SFX Chevron U.S.A. Inc. O.14 Dennison, James F SFX Chevron U.S.A. Inc. O.14 Snyder, Colleen K SFX Chevron U.S.A. Inc. O.14 Chevron U.S.A. Inc. O.14 Snyder, Colleen K SFX Chevron U.S.A. Inc. O.14 Chevron U.S.A. Inc. O.14 Chevron U.S.A. Inc. O.14 Snyder, Colleen K SFX Chevron U.S.A. Inc. O.14 Chevron U.S.A. Inc. O.14 Chevron U.S.A. Inc. O.14 Chevron U.S.A. Inc. O.14 Snyder Chevron U.S.A. Inc. O.14 Chevron U.S.A			Wood, Sharon F SFX	Chevron U.S.A. Inc.	0.14	817/499	n/a		
Smith, Donna Marie - SFX Chevron U.S.A. Inc. 0.14 818/130 n/a n/a Dennison, James F SFX Chevron U.S.A. Inc. 0.14 817/608 n/a n/a Snyder, Colleen K SFX Chevron U.S.A. Inc. 0.14 817/582 n/a n/a Hayes, Janice L SFX Chevron U.S.A. Inc. 0.14 816/449 n/a n/a Greene, Emma - SFX Chevron U.S.A. Inc. 0.14 822/383 n/a n/a Rosenlieb, Tammy - SFX Chevron U.S.A. Inc. 0.14 822/333 n/a n/a Price, Kimberly C SFX Chevron U.S.A. Inc. 0.14 822/113 n/a n/a Cain, Joseph L. et ux - SFX Chevron U.S.A. Inc. 0.14 822/83 n/a n/a Cain, Royce D SFX Chevron U.S.A. Inc. 0.14 822/103 n/a n/a Byard, William - SFX Chevron U.S.A. Inc. 0.14 829/218 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 829/585 n/a n/a <			Hickman, Kenneth A SFX	Chevron U.S.A. Inc.	0.14	818/113	n/a		
Dennison, James F SFX Chevron U.S.A. Inc. O.14 817/608 n/a n/a Snyder, Colleen K SFX Chevron U.S.A. Inc. O.14 816/449 n/a n/a Greene, Emma - SFX Chevron U.S.A. Inc. O.14 822/383 n/a n/a Rosenlieb, Tammy - SFX Chevron U.S.A. Inc. O.14 822/333 n/a n/a Price, Kimberly C SFX Chevron U.S.A. Inc. O.14 822/113 n/a n/a Cain, Joseph L. et ux - SFX Chevron U.S.A. Inc. O.14 822/133 n/a n/a n/a Cain, Royce D SFX Chevron U.S.A. Inc. O.14 822/103 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 829/218 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 829/585 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 829/585 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 829/356 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 829/356 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 829/356 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 829/356 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 829/356 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 829/356 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 828/381 n/a n/a			Smith, Donna Marie - SFX	Chevron U.S.A. Inc.	0.14	818/130	n/a		
Snyder, Colleen K SFX Chevron U.S.A. Inc. 0.14 817/582 n/a n/a Hayes, Janice L SFX Chevron U.S.A. Inc. 0.14 816/449 n/a n/a Greene, Emma - SFX Chevron U.S.A. Inc. 0.14 822/383 n/a n/a Rosenlieb, Tammy - SFX Chevron U.S.A. Inc. 0.14 822/333 n/a n/a Price, Kimberly C SFX Chevron U.S.A. Inc. 0.14 822/133 n/a n/a Cain, Joseph L. et ux - SFX Chevron U.S.A. Inc. 0.14 822/83 n/a n/a Cain, Royce D SFX Chevron U.S.A. Inc. 0.14 822/103 n/a n/a Byard, William - SFX Chevron U.S.A. Inc. 0.14 829/218 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 829/585 n/a n/a Metz, Mary M. et vir - SFX Chevron U.S.A. Inc. 0.14 829/356 n/a n/a Lancaster, Brenda R SFX Chevron U.S.A. Inc. 0.14 828/381 n/a n/a			Dennison, James F SFX	Chevron U.S.A. Inc.	0.14	817/608	n/a		
Hayes, Janice L SFX Chevron U.S.A. Inc. O.14 B16/449 N/a Greene, Emma - SFX Chevron U.S.A. Inc. O.14 B22/383 N/a N/a N/a Rosenlieb, Tammy - SFX Chevron U.S.A. Inc. O.14 B22/333 N/a N/a N/a Price, Kimberly C SFX Chevron U.S.A. Inc. O.14 B22/113 N/a Cain, Joseph L. et ux - SFX Chevron U.S.A. Inc. O.14 B22/83 N/a N/a Cain, Royce D SFX Chevron U.S.A. Inc. O.14 B22/103 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B22/103 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B29/218 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B29/585 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B29/356 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B29/356 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B29/356 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 N/a Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 Nolan, Janice E SFX Chevron U.S.A. Inc. O.14 B28/381 Nolan, Janice E SFX			Snyder, Colleen K SFX	Chevron U.S.A. Inc.	0.14	817/582	n/a		
Greene, Emma - SFX Chevron U.S.A. Inc. O.14 Rosenlieb, Tammy - Na Rosenlieb, Tammy - SFX Chevron U.S.A. Inc. O.14 Rosenlieb, Tammy - Na Rosenlieb,			Hayes, Janice L SFX	Chevron U.S.A. Inc.	0.14	816/449	n/a		
Rosenlieb, Tammy - SFX Chevron U.S.A. Inc. 0.14 822/333 n/a n/a n/a Price, Kimberly C SFX Chevron U.S.A. Inc. 0.14 822/113 n/a n/a n/a Cain, Joseph L. et ux - SFX Chevron U.S.A. Inc. 0.14 822/83 n/a n/a n/a Cain, Royce D SFX Chevron U.S.A. Inc. 0.14 822/103 n/a n/a n/a Byard, William - SFX Chevron U.S.A. Inc. 0.14 829/218 n/a n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 829/585 n/a n/a n/a Metz, Mary M. et vir - SFX Chevron U.S.A. Inc. 0.14 829/356 n/a n/a Lancaster, Brenda R SFX Chevron U.S.A. Inc. 0.14 828/381 n/a n/a			Greene, Emma - SFX	Chevron U.S.A. Inc.	0.14	822/383	n/a		
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Cain, Joseph L. et ux - SFX Chevron U.S.A. Inc. 0.14 822/83 n/a n/a n/a Cain, Royce D SFX Chevron U.S.A. Inc. 0.14 822/103 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 829/218 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 829/585 n/a n/a n/a Metz, Mary M. et vir - SFX Chevron U.S.A. Inc. 0.14 829/356 n/a n/a Lancaster, Brenda R SFX Chevron U.S.A. Inc. 0.14 829/356 n/a n/a n/a			Price, Kimberly C SFX	Chevron U.S.A. Inc.	0.14	822/113	n/a		
Cain, Royce D SFX Chevron U.S.A. Inc. 0.14 822/103 n/a n/a Byard, William - SFX Chevron U.S.A. Inc. 0.14 829/218 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 829/585 n/a n/a Metz, Mary M. et vir - SFX Chevron U.S.A. Inc. 0.14 829/356 n/a n/a Lancaster, Brenda R SFX Chevron U.S.A. Inc. 0.14 828/381 n/a n/a			Cain, Joseph L. et ux - SFX	Chevron U.S.A. Inc.	0.14	822/83	n/a		
Byard, William - SFX Chevron U.S.A. Inc. 0.14 829/218 n/a n/a Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 829/585 n/a n/a Metz, Mary M. et vir - SFX Chevron U.S.A. Inc. 0.14 829/356 n/a n/a Lancaster, Brenda R SFX Chevron U.S.A. Inc. 0.14 828/381 n/a n/a			Cain, Royce D SFX	Chevron U.S.A. Inc.	0.14	822/103			
Nolan, Janice E SFX Chevron U.S.A. Inc. 0.14 829/585 n/a n/a Metz, Mary M. et vir - SFX Chevron U.S.A. Inc. 0.14 829/356 n/a n/a Lancaster, Brenda R SFX Chevron U.S.A. Inc. 0.14 828/381 n/a n/a			Byard, William - SFX	Chevron U.S.A. Inc.	0.14	829/218			
Metz, Mary M. et vir - SFX Chevron U.S.A. Inc. 0.14 829/356 n/a n/a Lancaster, Brenda R SFX Chevron U.S.A. Inc. 0.14 828/381 n/a n/a			Nolan, Janice E SFX	Chevron U.S.A. Inc.	0.14				
Lancaster, Brenda R SFX Chevron U.S.A. Inc. 0.14 828/381 n/a n/a			Metz, Mary M. et vir - SFX	Chevron U.S.A. Inc.	0.14				
Course Courselius CEV			Lancaster, Brenda R SFX	Chevron U.S.A. Inc.	0.14	828/381			
11/4			Crum, Carolyn - SFX	Chevron U.S.A. Inc.	0.14	828/437	n/a		n/a

21 . 15	Parcel			<u> </u>	<u> </u>		
Plat ID	Number	Lessor	Lessee	Royalty	Book/Page	Assignment #1	Assignment #2
		Hatcher, Delores M SFX	Chevron U.S.A. Inc.	0.14	828/409	n/a	n/a
36	4-3-8	Fluharty, Elva V SFX	Chevron U.S.A. Inc.	0.14	828/416		WV Department of Environmental Protection Environmental Protection Environmental Protection Environmental Protection Environmental Protection Environmental Protection Environmental Protection
		Hatcher Revocable Living Trust 2008	Chevron U.S.A. Inc.	0.14	838/348	S S S S S S S S S S S S S S S S S S S	tigo n/a
		Larimore, Rosemarie - SFX	Chevron U.S.A. Inc.	0.14	836/186	v/a e/u v/eD e/u ii and Gas 0 2018	μα n/a
		Quinn, Patricia - SFX	Chevron U.S.A. Inc.	0.16	834/442	n/a 🖽 ̅ 🗪	enta n/a
		Dennison, Byron G SFX	Chevron U.S.A. Inc.	0.18	847/499	n/a Hige of	o∩ n/a
		Stewart, Janice F SFX	Chevron U.S.A. Inc.	0.18	847/594	u'a a'a RECEN Office of Oil	≶iž n/a
		Woods, Thelma J SFX	Chevron U.S.A. Inc.	0.14	847/271	n/a	ப் n/a
		Cunningham, Joann L SFX	Chevron U.S.A. Inc.	0.18	847/546	n/a	n/a
		Sumner, Martha - SFX	Chevron U.S.A. Inc.	0.18	894/256	n/a	n/a
		Sypher, William E SFX	Chevron U.S.A. Inc.	0.18	847/541	n/a	n/a
		Ensminger, Carolyn J SFX	Chevron U.S.A. Inc.	0.18	852/414	n/a	n/a
		Ensminger, Gerald R SFX	Chevron U.S.A. Inc.	0.18	848/396	n/a	n/a
		Dennison, Brenda F SFX	Chevron U.S.A. Inc.	0.18	859/69	n/a	n/a
		Dennison, Tracee L SFX	Chevron U.S.A. Inc.	0.18	848/415	n/a	n/a
		Robinson, Delbert - SFX	Chevron U.S.A. Inc.	0.14	859/27	n/a	n/a
		Manning, Melissa - SFX	Chevron U.S.A. Inc.	0.18	848/457	n/a	n/a
		Parsons, Eileen K SFX	Chevron U.S.A. Inc.	0.18	848/424	n/a	n/a
		Cottrell, Aretta - SFX	Chevron U.S.A. Inc.	0.18	852/418	n/a	n/a
		Dennison, Robin - SFX	Chevron U.S.A. Inc.	0.18	858/16	n/a	n/a
		Shaw, Bernard L SFX	Chevron U.S.A. Inc.	0.14	897/228	n/a	n/a
		Dennison, Patricia - SFX	Chevron U.S.A. Inc.	0.18	897/583	n/a	n/a
		Harrison, Penny - SFX	Chevron U.S.A. Inc.	0.18	897/586	n/a	n/a
		Dennison, Harold Vaughn Jr.	Chevron U.S.A. Inc.	0.18	897/589	n/a	n/a
		Goldstein, Crystal Marie - SFX	Chevron U.S.A. Inc.	0.14	897/231	n/a	n/a
		Mansour, Melissa - SFX	Chevron U.S.A. Inc.	0.14	898/113	n/a	n/a
		Hayes, Alan D SFX	Chevron U.S.A. Inc.	0.15	899/264	n/a	n/a
		Dennison, Rick Lane	Fee	-	911/197	n/a	n/a
		Dennison, David A.	Fee	-	911/200	n/a	n/a
		Dennison, Steven W.	Fee	_	911/203	n/a	n/a
		Hart, David Gene	Fee	-	926/429	n/a	n/a
		Kilcoyne, John Michael - SFX	Chevron U.S.A. Inc.	0.20	906/188	n/a	n/a

lat ID	Parcel Number	Lessor	Lessee	Royalty	Book/Page	Assignment #1	As	signment #2
		Burr, Thomas M SFX	Chevron U.S.A. Inc.	0.20	907/21	n/a ω	وَّ ـ	n/a
		Manny, Pamela - SFX	Chevron U.S.A. Inc.	0.14	901/401	u/a @a nd @a 2018	otec otec	n/a
		Nicholson, David M SFX	Chevron U.S.A. Inc.	0.14	903/152	11/2E/66	WV Department of ironmental Protecti	n/a
		Robinson, Jennifer - SFX	Chevron U.S.A. Inc.	0.14	900/70	office of Oil	par	n/a
		Cronin, Penelope - SFX	Chevron U.S.A. Inc.	0.14	900/73	L/ac ac a	Q E	n/a
		Shawley, Patricia - SFX	Chevron U.S.A. Inc.	0.14	902/547	n/a 🗒 🗀	ĕis	n/a
		Barthel, Jolene E SFX	Chevron U.S.A. Inc.	0.16	902/529	n/a	亞	n/a
		Beck, Louis J. Jr SFX	Chevron U.S.A. Inc.	0.14	899/261	n/a		n/a
		Richardson, Debra - SFX	Chevron U.S.A. Inc.	0.18	909/459	n/a		n/a
		Robinson, James - SFX	Chevron U.S.A. Inc.	0.14	898/504	n/a		n/a
		Ensminger, William - SFX	Chevron U.S.A. Inc.	0.14	898/507	n/a		n/a

02/22/2019



December 18, 2018

West Virginia D.E.P. Office of Oil & Gas 601 57th Street SE Charleston, WV 25304-2345

RE: Hicks 15H, 16H, 17H, 18H, 19H

To whom it may concern:

This letter is to confirm that Chevron U.S.A. Inc. has the rights to access minerals under any road along the above referenced laterals. If you should have any further questions or need additional documentation, please feel free to contact me.

Sincerely, Survey & Alays

Luke Slagel

Land Representative

RECEIVED Office of Oil and Gas

DEC 2 0 2018

WV Department of Environmental Protection WW-6AC (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE CERTIFICATION

	ce Certification: 13/18/18	A	API No. 47		
Date of India	te certification.			Well No. M18H	
				ame: Hicks	
Notice has I	neen given:		, ch rua i		
	ne provisions in West Virginia Code §	22-6A the Operator has provi	ded the rea	nired parties w	ith the Notice Forms listed
	tract of land as follows:	, 22 ori, me operanor ma provi	are me req		
State:	West Virginia	I	Easting:	524111.89	
County:	Marshall		Northing:	4413562.45	
District:	Clay	Public Road Acces		Fork Ridge Rd/W	V-17
Quadrangle:	Glen Easton, WV 7.5'				
Watershed:	Middle Grave Creek - Grave Creek				
it has provid information r of giving the requirements Virginia Cod of this article	the secretary, shall be verified and set the owners of the surface described equired by subsections (b) and (c), set surface owner notice of entry to surface \$22-6A-11(b), the applicant shall the have been completed by the applicant west Virginia Code § 22-6A, the Operator has properly served the require	beed in subdivisions (1), (2) and action sixteen of this article; (ii) arrively pursuant to subsection (a f this article were waived in wender proof of and certify to the at.	d (4), substhat the reconstruction to the construction of the cons	ection (b), sec quirement was en of this artic the surface ow that the notice	tion ten of this article, the deemed satisfied as a result cle six-a; or (iii) the notice yner; and Pursuant to West
	rator has property served the require ECK ALL THAT APPLY	d parties with the following:			OOG OFFICE USE ONLY
☐ I. NO	TICE OF SEISMIC ACTIVITY or	☐ NOTICE NOT REQUIRE SEISMIC ACTIVITY WAS	ED BECAL	105.110	
		SEISMIC ACTIVITY WAS			□ RECEIVED/ NOT REQUIRED
□ 2. NO	TICE OF ENTRY FOR PLAT SURV		CONDUC	ΓED	
	TICE OF ENTRY FOR PLAT SURV		CONDUCT Y WAS CO ED BECAU	TED ONDUCTED JSE	NOT REQUIRED
		VEY or ☐ NO PLAT SURVE☐ NOTICE NOT REQUIRED NOTICE OF ENTRY FOR P	CONDUCT Y WAS CO ED BECAU LAT SURV	TED ONDUCTED JSE VEY	NOT REQUIRED ☐ RECEIVED ☐ RECEIVED/
■ 3. NO		VEY or ☐ NO PLAT SURVE ☐ NOTICE NOT REQUIRE NOTICE OF ENTRY FOR PE WAS CONDUCTED or ☐ WRITTEN WAIVER B	CONDUCT Y WAS CO ED BECAU LAT SURV	TED ONDUCTED JSE VEY	NOT REQUIRED ☐ RECEIVED ☐ RECEIVED/
■ 3. NO	TICE OF INTENT TO DRILL or	VEY or ☐ NO PLAT SURVE ☐ NOTICE NOT REQUIRE NOTICE OF ENTRY FOR PE WAS CONDUCTED or ☐ WRITTEN WAIVER B	CONDUCT Y WAS CO ED BECAU LAT SURV	TED ONDUCTED JSE VEY	NOT REQUIRED RECEIVED RECEIVED/ NOT REQUIRED

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

DEC 2 0 2018

4705102165

WW-6AC (1/12)

Certification of Notice is hereby given:

THEREFORE,		nave read and understand	the notice requirements within West Virginia Code § 22-
above, to the re signature confir	at as required under West Virginia equired parties through personal sem mation. I certify under penalty of la	Code § 22-6A, I have s rvice, by registered mail w that I have personally	or by any method of delivery that requires a receipt or examined and am familiar with the information submitted
in this Notice	Certification and all attachments,	and that based on my i	nquiry of those individuals immediately responsible for
obtaining the in	formation, I believe that the information	ation is true, accurate and	d complete. I am aware that there are significant penalties
for submitting f	alse information, including the possi	ibility of fine and impriso	onment July Butan Eo
Well Operator:	Chevron Appalachia, LLC	Address:	700 Cherrington Parkway
By:	Jenny Butchko		Coraopolis, PA 15108
Its:	Permitting Team Lead	Facsimile:	412-865-2403
Telephone:	412-865-1533	Email:	JZYK@chevron.com
		Country of Al	r of Rennsylvania legheny
	NOTARY SFAI	Subscribed and swo	orn before me this 18th day of December 2018
Commonwe	ealth of Pennsylvania - Notary Seal ra Savage, Notary Public Allegheny County	Lama	Saragl Notary Public
Com	sion expires September 17, 2022 mission number 1285773	My Commission Ex	spires_ September 17, 2022
Memper, Pe	nnsylvania Association of Noteries		

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deprivacyofficer@wv.gov.

RECEIVED Office of Oil and Gas

DEC 2 0 2018

WV Department of Environmental Protection

API NO. 47-OPERATOR WELL NO. M18 02/22/2019 Well Pad Name: Hicks

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION

Date of Notice: [] [
Data of Nation II II	1.6	10/0/5
Date of Notice: [] [[/// Date Permit Applicati	ion Filed: 12/19/18
Notice of:	1	
✓ PERMIT FOR A	NY CERTIFIC	CATE OF APPROVAL FOR THE
WELL WORK	CONSTR	UCTION OF AN IMPOUNDMENT OR PIT
Delivery method pur	suant to West Virginia Co	de § 22-6A-10(b)
☐ PERSONAL	☐ REGISTERED	☑ METHOD OF DELIVERY THAT REQUIRES A
SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
SERVICE	WAIL	RECEII I OR SIGNATURE CONTIRMATION
the surface of the tract oil and gas leasehold be described in the erosion operator or lessee, in the more coal seams; (4) The well work, if the surfact impoundment or pit as have a water well, spring provide water for construction (b) of this surfact subsection (b) of this surfact subsection (b) of this surfact of the sheriff reprovision of this article Code R. § 35-8-5.7.a. 1	on which the well is or is propeing developed by the propose in and sediment control plan sure event the tract of land on whe owners of record of the sure tract is to be used for the pladescribed in section nine of thing or water supply source local umption by humans or domest tivity is to take place. (c)(1) If ection hold interests in the lan equired to be maintained pursue to the contrary, notice to a life requires, in part, that the opera	nis article, and the well plat to each of the following persons: (1) The owners of record of posed to be located; (2) The owners of record of the surface tract or tracts overlying the ed well work, if the surface tract is to be used for roads or other land disturbance as ubmitted pursuant to subsection (c), section seven of this article; (3) The coal owner, thich the well proposed to be drilled is located [sic] is known to be underlain by one or rface tract or tracts overlying the oil and gas leasehold being developed by the proposed accement, construction, enlargement, alteration, repair, removal or abandonment of any his article; (5) Any surface owner or water purveyor who is known to the applicant to ated within one thousand five hundred feet of the center of the well pad which is used to tic animals; and (6) The operator of any natural gas storage field within which the former than three tenants in common or other co-owners of interests described in ads, the applicant may serve the documents required upon the person described in the uant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any en holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. ator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any
		s Plan Notice ☑ Well Plat Notice is hereby provided to:
MI Application Notic	e MWSSP Notice ME&	5 Fight Notice of Well Fight Notice is hereby brovided to.
	/	
□ SURFACE OWNE	/	COAL OWNER OR LESSEE
SURFACE OWNE. Name: Thomas E. Hicks	R(s)	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC
SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane	R(s)	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive
SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041	R(s)	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317
□ SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name:	R(s)	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR
□ SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name:	R(s)	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR Name: Murray Energy Corp.
SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name: Address:	R(s)	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR Name: Murray Energy Corp. Address: 46226 National Road
SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name: Address:	R(s)	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR Name: Murray Energy Corp. Address: 46226 National Road Sturbance) St. Clairsville, OH 43950
SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name: Address: SURFACE OWNE. Name: Jeffrey Ryan	R(s) / R(s) (Road and/or Other Dist	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR Name: Murray Energy Corp. Address: 46226 National Road St. Clairsville, OH 43950 SURFACE OWNER OF WATER WELL
SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name: Address: SURFACE OWNE. Name: Jeffrey Ryan Address: 141 Clover Lane	R(s) / R(s) (Road and/or Other Dist	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR Name: Murray Energy Corp. Address: 46226 National Road St. Clairsville, OH 43950 SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name: Address: SURFACE OWNE. Name: Jeffrey Ryan Address: 141 Clover Lane Moundsville, WV 26041	R(s) / R(s) (Road and/or Other Disc	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR Name: Murray Energy Corp. Address: 46226 National Road St. Clairsville, OH 43950 SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: See Attached
SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name: Address: SURFACE OWNE. Name: Jeffrey Ryan Address: 141 Clover Lane Moundsville, WV 26041 Name:	R(s) / R(s) (Road and/or Other Dist	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR Name: Murray Energy Corp. Address: 46226 National Road St. Clairsville, OH 43950 SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: See Attached Address:
SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name: Address: SURFACE OWNE. Name: Jeffrey Ryan Address: 141 Clover Lane Moundsville, WV 26041 Name:	R(s) / R(s) (Road and/or Other Disc	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR Name: Murray Energy Corp. Address: 46226 National Road St. Clairsville, OH 43950 SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: See Attached Address:
SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name: Address: SURFACE OWNE. Name: Jeffrey Ryan Address: 141 Clover Lane Moundsville, WV 26041 Name: Address:	R(s) / R(s) (Road and/or Other Dist	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR Name: Murray Energy Corp. Address: 46226 National Road St. Clairsville, OH 43950 SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: See Attached Address:
□ SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name: Address: □ SURFACE OWNE. Name: Jeffrey Ryan Address: 141 Clover Lane Moundsville, WV 26041 Name: Address: □ SURFACE OWNE.	R(s) / R(s) (Road and/or Other Disterminant of Pits)	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR Name: Murray Energy Corp. Address: 46226 National Road St. Clairsville, OH 43950 SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: See Attached Address: OPERATOR OF ANY NATURAL GAS STORAGE FAMELEIVED Name: Office of Oil and Gas
□ SURFACE OWNE. Name: Thomas E. Hicks Address: 353 Arbor Lane Moundsville, WV 26041 Name: Address: □ SURFACE OWNE. Name: Jeffrey Ryan Address: 141 Clover Lane Moundsville, WV 26041 Name: Address: □ SURFACE OWNE.	R(s) / R(s) (Road and/or Other Dist	COAL OWNER OR LESSEE Name: Consol Mining Company, LLC Address: 1000 Consol Energy Drive Canonsburg, PA 15317 COAL OPERATOR Name: Murray Energy Corp. Address: 46226 National Road St. Clairsville, OH 43950 SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: See Attached Address: OPERATOR OF ANY NATURAL GAS STORAGE FIRE ENVED Name: Office of Oil and Gas Address:

API NO. 47-OPERATOR WELL NO. M1802/22/2019 Well Pad Name: Hicks

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments: (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental CEIVED Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-oil and Gas

Well Location Restrictions

Environment of WDepartment of Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any exact upper of water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

API NO. 47-____-OPERATOR WELL NO. M18 02/22/2019
Well Pad Name: Hicks

WV Department of Environmental Protection

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the RECEIVED application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments and Gas location or construction of the applicant's proposed well work to the Secretary at:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

API NO. 47-OPERATOR WELL NO. M18 V2/22/2019 Well Pad Name: Hicks

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.



API NO. 47-		00/00/0040
OPERATOR	WELL NO.	M18 02/22/2019
Well Pad Nai		

Notice	is	hereby	given	bv:
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Email: JZYK@chevron.com

Well Operator: Chevron Appalachia, LLC Telephone: 412-865-1533

Address: 700 Cherrington Parkway Coraopolis, PA 15108 Facsimile: 412-865-2403

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

My Commission Expires

Commonwealth of Pennsylvania - Notary Seal Laura Savage, Notary Public Allegheny County My commission expires September 17, 2022 Commission number 1285773

Member, Pennsylvania Association of Notaries

Commonwealth of Kennsylvania County of Allegheny Subscribed and sworn before me this 20th day of November Notary Public September 17 2022

> RECEIVED
> Office of Oil and Gas DEC 2 0 2018 WV Department of Environmental Protection

Attachment

API No. 47	
OPERATOR WELL NO. M18H	
Well Pad Name: Hicks	

Name:

Christa Dawn Hicks

Address:

65 Clover Lane

Moundsville, WV 26041

Name:

Leslie Mae Hicks

Address:

1611 Skye Drive

Chapel Hill, NC 27516

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR

Name:

Vickie L. & Sidney P. Pond

Address:

119 Labrador Lane

Moundsville, WV 26041

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR

Name:

Kenneth B. Tagg

Address:

3303 Big Grave Creek Road

Moundsville, WV 26041

Office of Oil and Gas

DEC 20 2018

WV Department of Environmental Protection

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Date of Notic	Requirement: Notice shall be provided a	nt least TEN (10) days prior to filing a rmit Application Filed:	permit application.
Delivery met	hod pursuant to West Virginia Code §	22-6A-16(b)	
☐ HAND DELIVE	CERTIFIED MAIL RY RETURN RECEIPT RE	QUESTED	
Pursuant to W receipt reques drilling a hori of this subsec subsection ma and if availab	V. Va. Code § 22-6A-16(b), at least ten da sted or hand delivery, give the surface ow zontal well: <i>Provided</i> , That notice giver tion as of the date the notice was provide by be waived in writing by the surface ow le, facsimile number and electronic mail a	ays prior to filing a permit application mer notice of its intent to enter upon to pursuant to subsection (a), section to do to the surface owner: <i>Provided</i> , however. The notice, if required, shall include address of the operator and the operator	, an operator shall, by certified mail return he surface owner's land for the purpose of en of this article satisfies the requirements wever, That the notice requirements of this lude the name, address, telephone number, or's authorized representative.
	reby provided to the SURFACE OV		
Name: Thomas		Name: Jeffrey Ryan Address: 141 Clover Lane	
Address: 353 / Moundsville, WV		Moundsville, WV 26041	
State: County:	wner's land for the purpose of drilling a ho West Virginia Marshall	UTM NAD 83 Easting: Northing:	524111.89 4413562.45
District:	Clay	Public Road Access:	Fork Ridge Rd/WV-17
Quadrangle:	Glen Easton, WV 7.5'	Generally used farm name:	Hicks
Watershed:	Middle Grave Creek - Grave Creek		
Pursuant to V facsimile nur related to hor	nber and electronic mail address of the rizontal drilling may be obtained from th	operator and the operator's authorize secretary, at the WV Department	ress, telephone number, and if available, ted representative. Additional information of Environmental Protection headquarters, tep.wv.gov/oil-and-gas/pages/default.aspx.
Notice is he Well Operato	reby given by:	Authorized Representative	RECEIVED Office of Oil and Gas
Address:	T: Chevron Appalachia, LLC 700 Cherrington Parkway	Address:	DEC 2
Coraopolis, PA		7 ISSUEDIA	DEC 2 0 2018
Telephone:	412-865-1533	Telephone:	WV Department of
Email:	JZYK@chevron.com	Email:	Environmental Protection
Facsimile:	412-865-2403	Facsimile:	
	Dalaman Nations		

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deprivacyofficer@wv.gov.

4705102165 Operator Well No. M18H2/22/2010

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Delivery me	hod pursuant to West Virginia C	ode § 2	22-6A-16(c)			
■ CERTI	FIED MAIL		HAND			
	RN RECEIPT REQUESTED		DELIVERY			
eturn receipt ne planned of equired to be rilling of a amages to tl d) The notice	V. Va. Code § 22-6A-16(c), no late requested or hand delivery, give the operation. The notice required by a provided by subsection (b), section horizontal well; and (3) A propose se surface affected by oil and gas operate surface affected by this section shall be good to be sufficient to the control of th	this surfa this sun ten of ed surfa peration given to	the cowner whose land absection shall include this article to a surfa- ace use and compens as to the extent the da to the surface owner a	will be used for de: (1) A copy ace owner whos ation agreemen mages are comp	or the drilling of of this code sec se land will be us at containing an pensable under a	a horizontal well notice of ction; (2) The information sed in conjunction with the offer of compensation for urticle six-b of this chapter.
	eby provided to the SURFACE O s listed in the records of the sheriff			/	1	
			NT.	leffrey Ryan		
		÷ .				
ddress: 353	Arbor Lane)	Address	: 141 Clover Lane lle, WV 26041		
Address: 353 Moundsville, WV Notice is her Pursuant to V	Arbor Lane 26041 eby given: Vest Virginia Code § 22-6A-16(c), r		Address Moundsvi	: 141 Clover Lane		
Address: 353 Moundsville, WV Notice is her Tursuant to V peration on tate:	Arbor Lane 26041 eby given:		Address Moundsvi s hereby given that the of drilling a horizonta UTM NAD 8	te undersigned the well on the transport of the lasting: Northing:	524111.89 4413562.45	lows:
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The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deepprivacyofficer@wv.gov.

WW-6AW (1-12)

API NO. 47-	14	02/22/2019
OPERATOR WE	LL NO.	M18H
Well Pad Name:	Hicks Pad A	

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

VOLUNTARY STATEMENT OF NO OBJECTION

Instructions to Persons Named on Page WW-6A

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

Comment and Waiver Provisions

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

VOLUNTARY STATEMENT OF NO OBJECTION

WW-6A and	sted above, and that I have received copies of a ? attachments consisting of pages one (1) throu	gh, including		
	the well plat, all for proposed well work on the tr		524111.798	
State: County:	West Virginia Marshall	UTM NAD 83 Easting: Northing:		
District:	Clay	Public Road Access:	Fork Ridge Road Hicks	
Quadrangle:	Glen Easton 7.5'	Generally used farm name:		
Watershed:	Upper Ohio-Beaver	Action to defend the mental and		
□ SURFA	CE OWNER		DEC 20	
L SURFA	CEOWNER	Signature:		
☐ SURFAC	CE OWNER (Road and/or Other Disturbance	Print Name: Date:	W Departme Environmental Pr	
□ SURFAC	CE OWNER (Impoundments/Pits)			
□ COAL C	OWNER OR LESSEE		ΓΙΟΝ BY A CORPORATION, ETC.	
■ COAL C	PPERATOR	By: Mason Smith		
I CUAL	TERATOR	Its: Coal, Oil and G	Sas Relations Manager	
		/	1111 0 0	
	RPURVEYOR	Signature:	Myogy Sins	

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS VOLUNTARY STATEMENT OF NO OBJECTION

Instructions to Persons Named on Page WW-6A

The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

Comment and Waiver Provisions

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VOLUNTARY STATEMENT OF NO OBJECTION

State:	the well plat, all for proposed well work on the tra West Virginia	Pastina	524111.89
County: Marshall	Marshall	JTM NAD 83 Pasting: Northing:	4413562.45
District:	Clay	Public Road Access:	Fork Ridge Rd/WV-17
Quadrangle:	Glen Easton, WV 7.5'	Generally used farm name:	Hicks
I further state issued on tho	that I have no objection to the planned work describe materials.	ribed in these materials, and	I have no objection to a permit being
*Please check	the box that applies	FOR EVECUT	ION DE LA MATERIA DEPOSAN
· ~ ~ ~		20070 2000 6 412	ION BY A NATURAL PERSON
Ŭ SURFA	CE OWNER	20070 2000 6 412	
/		Signature: 10 Print Name: KE	enneth B. Tagy
SURFAC	CE OWNER	Signature: 10 Print Name: 12 Date:	enneth B. Tagg
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© SURFAC □ SURFAC □ COAL C	CE OWNER (Road and/or Other Disturbance) CE OWNER (Impoundments/Pits)	Signature: 1/2 Print Name: KL Date: FOR EXECUT Company: By:	inneth B. Tagg ENNETH B TAGG ION BY A CORPORATION, ETC
SURFACE SURFACE COAL COAL COAL COAL COAL COAL COAL COAL	CE OWNER CE OWNER (Road and/or Other Disturbance) CE OWNER (Impoundments/Pits) OWNER OR LESSEE	Signature: 70 Print Name: KE Date: FOR EXECUT Company: By: Its:	ION BY A CORPORATION, ETC

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API NO. 47	
OPERATOR WELL NO.	м 02/22/2 019
Well Pad Name: Hicks	

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS VOLUNTARY STATEMENT OF NO OBJECTION

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County: West Virginia County: Marshall District: Clay	T	UTM NAD 83 Easting: Northing: Public Road Access:		524111.89 4413562.45	
				Fork Ridge Rd/WV-17	
Quadrangle: Watershed:	Glen Easton, WV 7.5' Middle Grave Creek - Grave Creek	Generally used t	arm name:		
	the how that and in				
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*Please check SURFAC SURFAC SURFAC COAL O	E OWNER (Road and/or Other Disturbance) E OWNER (Impoundments/Pits) WNER OR LESSEE	Sign Prin Date FOI Com By: Its:	ature: 21 t Name: 51 t Z-9- R EXECUTI pany:	RECEIVED A CORPORATION, ETC.	

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WEST VIRGINIA DEPARTMENT OF TRANSPORTATION Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110 Charleston, West Virginia 25305-0430 • (304) 558-3505

November 1, 2018

Thomas J. Smith, P. E. Secretary of Transportation/ Commissioner of Highways

Jill M. Newman Deputy Commissioner

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Subject: DOH Permit for the Hicks Pad A Well Site, Marshall County
Hicks M18H

Dear Mr. Martin,

The West Virginia Division of Highways has issued Permit #06-2016-0504 for the subject site to Chevron Appalachia, LLC for access to the State Road for the well site located off of Marshall County Route 17 SLS.

The operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated January 3, 2012.

Very Truly Yours,

Office of Oil and Gas

DEC 20 2010

WV Department of Environmental Protection

Gary K. Clayton, P.E. Regional Maintenance Engineer

Central Office Oil &Gas Coordinator

Day K Clayton

Cc: Nikolai Softcheck

Chevron North America Exploration and Production Company

CH, OM, D-6

File

Hydraulic Fracturing Fluid Additives

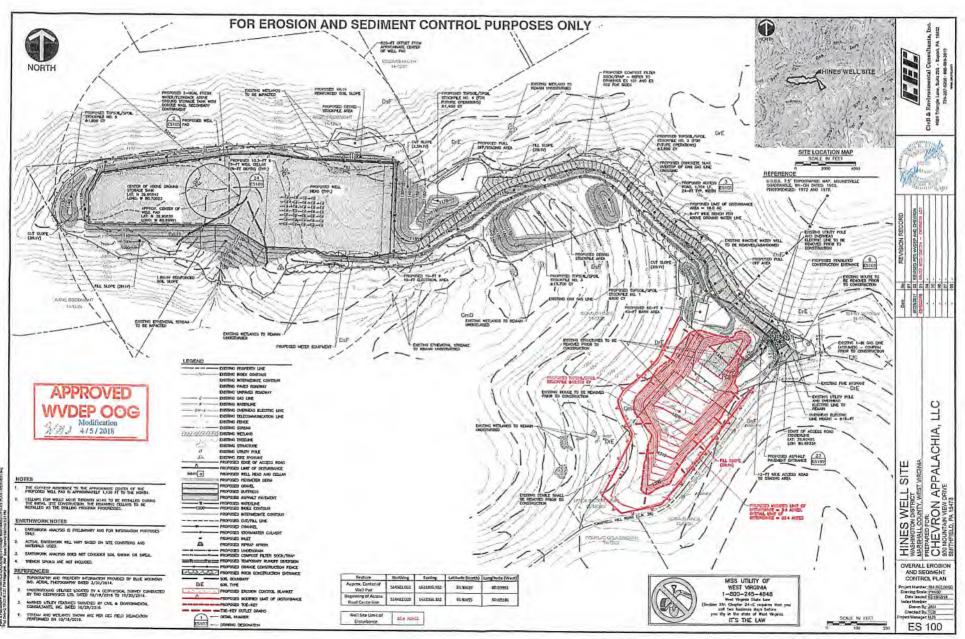
Supplier	Name	Purpose
Universal	7.5% HCl Acid	Acid - To open perforations
Universal	Unislick ST50	Friction Reducer for Water and Brine (Anionic)
Universal	Scale Inhibitor A	Scale Inhibitor
Universal	Iron Control A	Iron Control
Universal	Unihib G	Corrosion Inhibitor for Acid
Universal	K-Bac 1020	Biocide/Bactericide
Universal	CMHPG (Polyfrac Gel)	Gel
Universal	LEB 10X	Gel Breaker
Universal	100 Mesh White Sand	Proppant
Universal	40-70 Mesh White Sand	Proppant

Office of Oil and Gas

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WV Department of Environmental Protection

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