



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, May 31, 2018
WELL WORK PERMIT
Horizontal 6A / New Drill

CHEVRON APPALACHIA, LLC
700 CHERRINGTON PARKWAY

CORAOPOLIS, PA 15108

Re: Permit approval for HICKS U11H
47-051-02001-00-00

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

A blue ink signature of James A. Martin, written in a cursive style.

Operator's Well Number: HICKS U11H
Farm Name: THOMAS E. HICKS
U.S. WELL NUMBER: 47-051-02001-00-00
Horizontal 6A New Drill
Date Issued: 5/31/2018

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.

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.



west virginia department of environmental protection

Oil and Gas Conservation Commission
601 57th Street SE, Charleston, WV 25304
304-926-0499 Ext 1274

Barry K. Lay, Chairman
dep.wv.gov

May 1, 2018

Department of Environmental Protection
Office of Oil and Gas
Charleston, WV 25304

RE: Application for Deep Well Permit – API #47-051-02001

COMPANY: Chevron Appalachia, LLC

FARM: Chevron Appalachia, LLC Hicks U11H

COUNTY: Marshall DISTRICT: Clay QUAD: Glen Easton

The deep well review of the application for the above company is **Approved to drill to Point Pleasant for completion.**

The applicant has complied with the provision of Chapter 22C-9, of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

1. Comments to Notice of Deviation filed? No.
2. Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners? Yes
3. Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of all deep wells: CONNER 6H; 47-051-02001
4. Provided a plat showing that the proposed location is a distance of 400+ feet from the nearest lease line or unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely,

A handwritten signature in blue ink that reads "Susan Rose".

Susan Rose
Administrator

WW-6B
(04/15)

API NO. 47-051
OPERATOR WELL NO. U11H
Well Pad Name: Hicks

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

1) Well Operator: Chevron Appalachia, LLC 49449935 Marshall Clay Glen Easton 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: U11H Well Pad Name: Hicks

3) Farm Name/Surface Owner: Thomas E Hicks Public Road Access: Fork Ridge Rd/WV-17

4) Elevation, current ground: ~~1161.57~~ Elevation, proposed post-construction: 1140 existing

5) Well Type (a) Gas X Oil _____ Underground Storage _____
Other _____

(b) If Gas Shallow _____ Deep X
Horizontal X

6) Existing Pad: Yes or No Yes

12/6/17

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
point Pleasant, 11,300, 120' thick, 0.89 psi/ft

8) Proposed Total Vertical Depth: 11,300

9) Formation at Total Vertical Depth: Point Pleasant

10) Proposed Total Measured Depth: 23,577

11) Proposed Horizontal Leg Length: 11,197

12) Approximate Fresh Water Strata Depths: 430'

13) Method to Determine Fresh Water Depths: 1' mile radius search around pad location

14) Approximate Saltwater Depths: 1147', 1751', 2112'

15) Approximate Coal Seam Depths: 398', 678'

16) Approximate Depth to Possible Void (coal mine, karst, other): None

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes _____ No X

RECEIVED
Office of Oil and Gas
JAN 5 2018

(a) If Yes, provide Mine Info: Name: _____

WV Department of
Environmental Protection

Depth: _____

Seam: _____

Owner: _____

WW-6B
(04/15)

API NO. 47-051
OPERATOR WELL NO. U11H
Well Pad Name: Hicks

18) CASING AND TUBING PROGRAM

TYPE	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	30	New	X-42		60	60	CTS ✓
Fresh Water	20	New	J-55	94	500	500	CTS ✓
XXX Intermed. 1	13-3/8	New	N-80Q	68	2,010	2,010	CTS ✓
Intermediate 2	9-5/8	New	P-110-ICY	40	8,570	8,570	CTS
Production	5-1/2	New	P110-EC	23	23,577	23,577	CTS
Tubing							
Liners							

Ju
12/6/17

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	30	36					
Fresh Water	20	26	.5	2,110	1911	Class A	1.2
XXX Intermed. 1	13-3/8	17-1/2	.480	5,020	2768	Class A	1.29
Intermediate 2	9-5/8	12-1/4 & 12-3/8	.395	8,980	2768	Class A, G or H	1.27-1.45
Production	5-1/2	8-3/4 & 8-1/2	.415	16,510 ✓	9975 ✓	Class A, G or H	1.28-1.65
Tubing							
Liners							

PACKERS NA

Kind:				
Sizes:				
Depths Set:				

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of Environmental Protection

WW-6B
(10/14)

API NO. 47-051 - _____
OPERATOR WELL NO. U11H _____
Well Pad Name: Hicks _____

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill vertical depth to the Point Pleasant at an estimated total vertical depth of approximately 11,300 feet. Drill horizontal leg.

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

Slickwater completion with 200' stage length, 500,000 lbs/ft proppant, 400,000 gal of fresh water, pumped at 100 bpm and 11,500 max pressure. ✓

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 & collar & (1) per every 2 jt over coupling to surface; Intermediate #1 on shoe track w/stop collar & (1) per every 2 jts over coupling; Intermediate #2 (1) on shoe track w/stop collar & (1) per every 2 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 1 will contain Class A cement, 3% CaC12, Salt, and flake. The Intermediate 2 will contain Class A, G or H cement, 3% CaC12, 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.

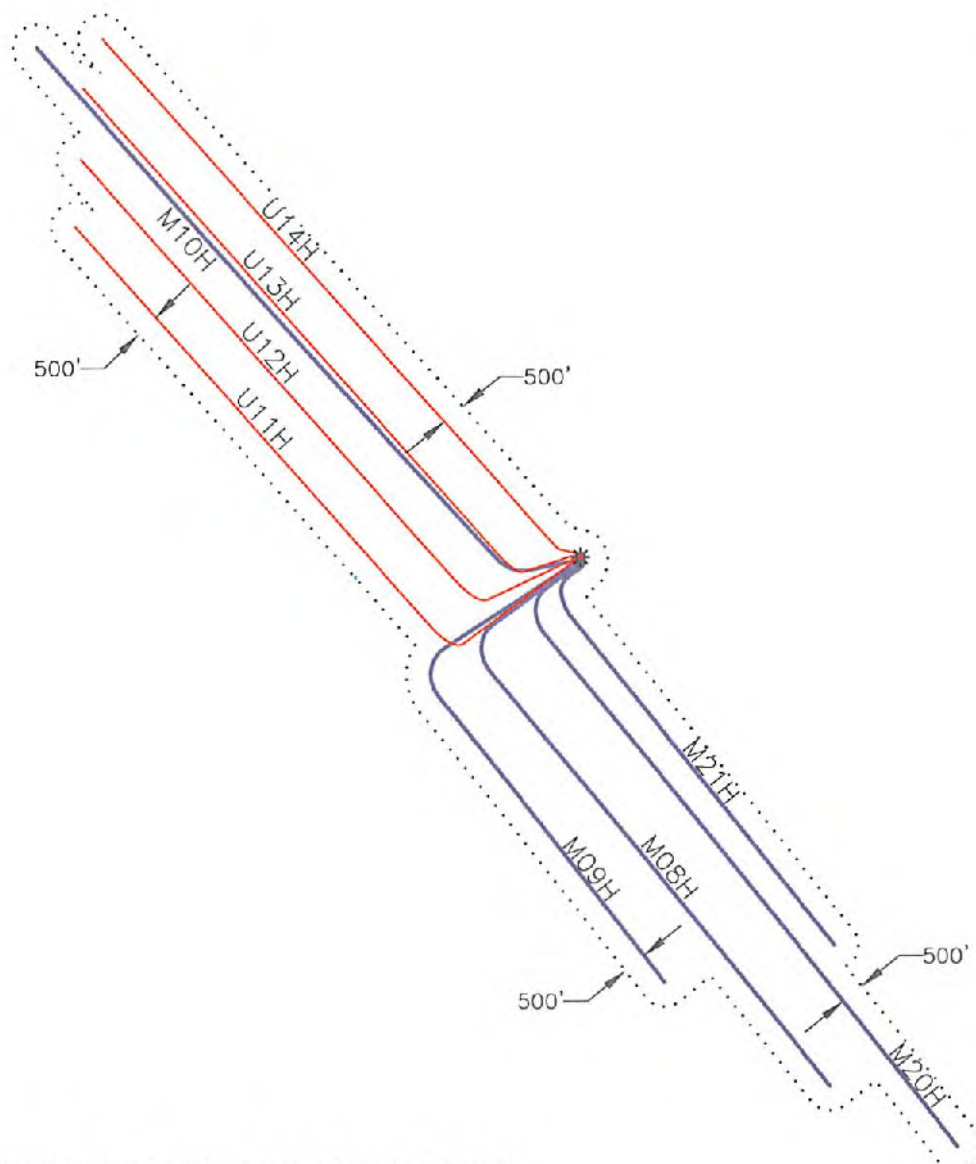
25) Proposed borehole conditioning procedures:

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 achieved.

RECEIVED
Office of Oil and Gas
JAN 5 2018

WV Department of
Environmental Protection
Page 3 of 3

*Note: Attach additional sheets as needed.



NOTE: NO EXISTING WELLS WITHIN THE AREA OF REVIEW.



Blue Mountain Inc.
 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 2
 AREA OF REVIEW MAP
 MARSHALL COUNTY
 CLAY DISTRICT
 WEST VIRGINIA**

TOPO QUAD: GLEN EASTON, WV
 SCALE: 1" = 4000'
 DATE: OCTOBER 2, 2017

JAN 5 2018
 WV Department of
 Environmental Protection

Hicks Utica – Cement Additives

Attachment WW-6B

For the Water String the blend will contain Class A cement, 3% CaCl₂, and flake. ✓

The intermediate 1 will contain Class A cement, 3% CaCl₂, salt and flake. ✓

✗ The intermediate 2 will contain Class A, G, or H cement, 3% 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.

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection



Hicks U11H

4703102001

Permit#		Marshall County, WV		12/11/2017 6:30		Ground Level Elev. (ft above SL):		1138	
DRILLING FLUID / BIT TYPE / TFA		CENTRALIZER PROGRAM	CASING SIZE / FORMATION	DEPTH		WELLHEAD DESIGN		HOLE SIZE (IN)	HOLE DEPTH (FT)
				MD (FT)	TVD (FT)	FMC UH-S 13 5/8" (One-Piece) 10K			
						INC	AZM		
Core Barrel / Auger			30" Conductor	-60	-			35	
									Conductor Grout to Surface Minimum 40 ft from GL or at least 10 ft into bedrock
Bow Spring: (1) on shoe jt w/ lock ring & (1) on every 2 jts			20" Casing	-500	-			25	
									Surface Casing 20" 94# J-55 BTC 0.5" Wall Coupling OD (in) 21.000 ID (in) 19.124 Drift ID (in) 18.937 Burst (psi) 2110 Collapse (psi) 520 Yield (ft Strength 1,000 lbs) 1402 Capacity (bbl/ft) 0.3553 Cement to Surface
Bow Spring: (1) on shoe jt w/ lock ring & (1) on every 2 jts			13-3/8" Casing	-2,010	-			17.50	
									Intermediate #1 String 13-3/8" 68# N-800 BTC 0.480" Wall Coupling OD (in) 14.375 ID (in) 12.415 Drift ID (in) 12.259 Burst (psi) 5020 Collapse (psi) 2260 Yield (ft Strength 1,000 lbs) 1556 Capacity (bbl/ft) 0.1497 OH Annulus (bbl/ft) 0.1237 Cement to Surface
Bow Spring: (1) on shoe jt w/ lock ring & (1) on every 2 jts			9-5/8" Casing	-8,570	-			12.25 to 12.375	
									Intermediate #2 Casing 9-5/8" 40# P110-10Y BTC 0.395" Wall Coupling OD (in) 10.625 ID (in) 8.635 Drift ID (in) 8.678 Burst (psi) 8980 Collapse (psi) 4050 Yield (ft Strength 1,000 lbs) 1432 Capacity (bbl/ft) 0.0758 OH Annulus (bbl/ft) 0.0558 Set 100' into Rochester Shale Cement to Surface
Bow Spring: (1) on every other jt from KOP to surface Solid Body: 1 per jt of casg from TD to KOP			5-1/2" Casing	-11,400	-				
		Marker Joint above KOP							
		Estimated KOP							
		Landing Point		-12400	-11300				
Latch Collar 2 Jts of Casg Float Equip.			5-1/2" Casing	-23490	-			8.500 to 8.75	
									Production Casing 5-1/2" 23# P-110EC, VAM 21 HT 0.415" Wall Coupling OD (in) 6.195 ID (in) 4.670 Drift ID (in) 4.545 Burst (psi) 16510 Collapse (psi) 16220 Yield (ft Strength 1,000 lbs) 829 Capacity (bbl/ft) 0.0212 OH Annulus (bbl/ft) 0.0468 Cement to Surface

ju
12/12/17

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection

WW-9
(4/16)

API Number 47 - 51 02001
Operator's Well No. Hicks U11H

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

Will a pit be used? Yes 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 from 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 Jenny Hayes
Company Official (Typed Name) Jenny Hayes
Company Official Title Permitting Team Lead

Subscribed and sworn before me this 21st day of May, 2018

COMMONWEALTH OF PENNSYLVANIA
COUNTY OF ~~FAYETTE~~ ALLEGHENY

Laura Savage Notary Public

My commission expires September 17, 2018

Commonwealth of Pennsylvania - Notary Seal
Laura Savage, Notary Public
Allegheny County
My commission expires September 17, 2018
Commission number 1285773
Member, Pennsylvania Association of Notaries

Form WW-9

Operator's Well No. Hicks U11H

Chevron Appalachia, LLC

Proposed Revegetation Treatment: Acres Disturbed +/-4 acres Prevegetation pH Per soils testing report

Lime 3 Tons/acre or to correct to pH unless otherwise noted in soils report

Fertilizer type 10-20-20

Fertilizer amount 300 lbs/acre

Mulch 3 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Ryegrass	50	Non Aricultural Upland and Hayfield, Pastureland and Cropland	
Winter Wheat	75	Tall Fescue 100, Orchard Grass 80, Perennial Ryegrass 33,	
		Timothy 80, Ladino Clover 18, Birdsfoot-Trefoil 20,	
		Birdsfoot-Trefoil 18, Ladino Clover 20, Red Top 6	

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Jim Urbohn ✓
Comments: _____

RECEIVED
Office of Oil and Gas

JAN 5 2018

WV Department of
Environmental Protection

Title: Oil + Gas Inspector Date: 12/6/17 ✓

Field Reviewed? Yes No



Chevron

**Appalachian LLC
WV Well Site Safety Plan**

Pad: Hicks Pad A

Well # U11H ✓

JW
12/12/17

**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]

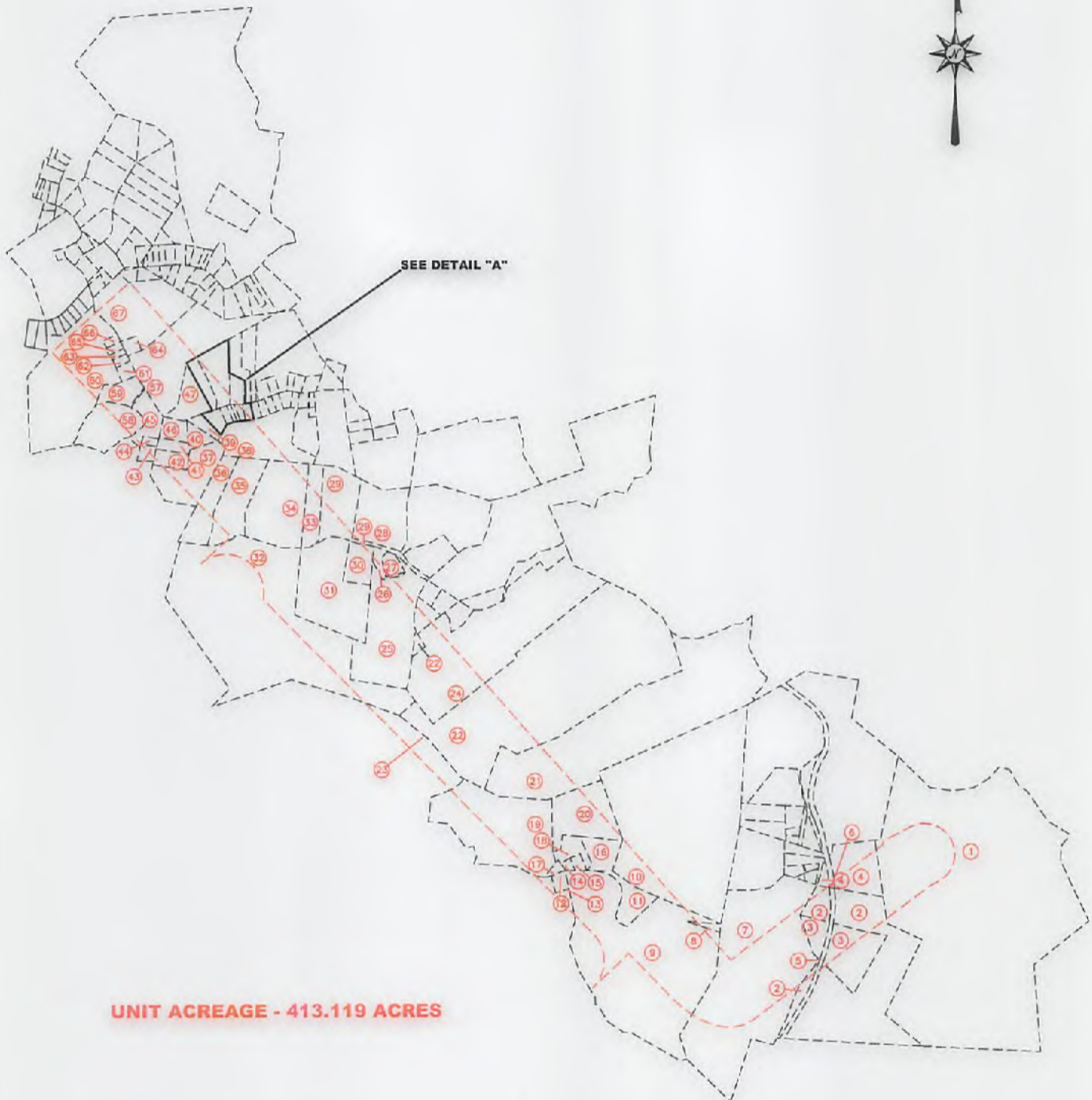
Marshall County, West Virginia

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection

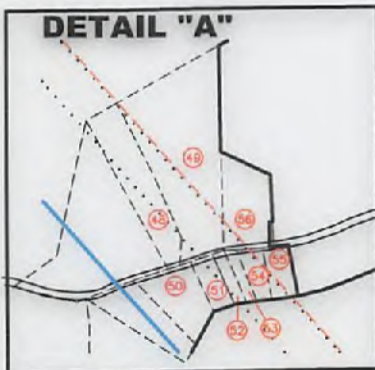
HICKS

U11H

PAGE 3 OF 10



UNIT ACREAGE - 413.119 ACRES



51-02001 H6A

LEGEND	
	- UNIT BOUNDARY
	- PARCEL LINES

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413560.356 E:524102.873	UTM 17-NAD83(M) N:4413082.90 E:523167.08	UTM 17-NAD83(M) N:4415594.36 E:520857.85
NAD83, WV NORTH N:501952.441 E:1626607.002	NAD83, WV NORTH N:500437.000 E:1623510.000	NAD83, WV NORTH N:508805.000 E:1616070.000

APRIL 24, 2018

BHL is located on topo map 9,657 feet south of Latitude: 39° 55' 00"
 SHL is located on topo map 1,186 feet south of Latitude: 39° 52' 30"



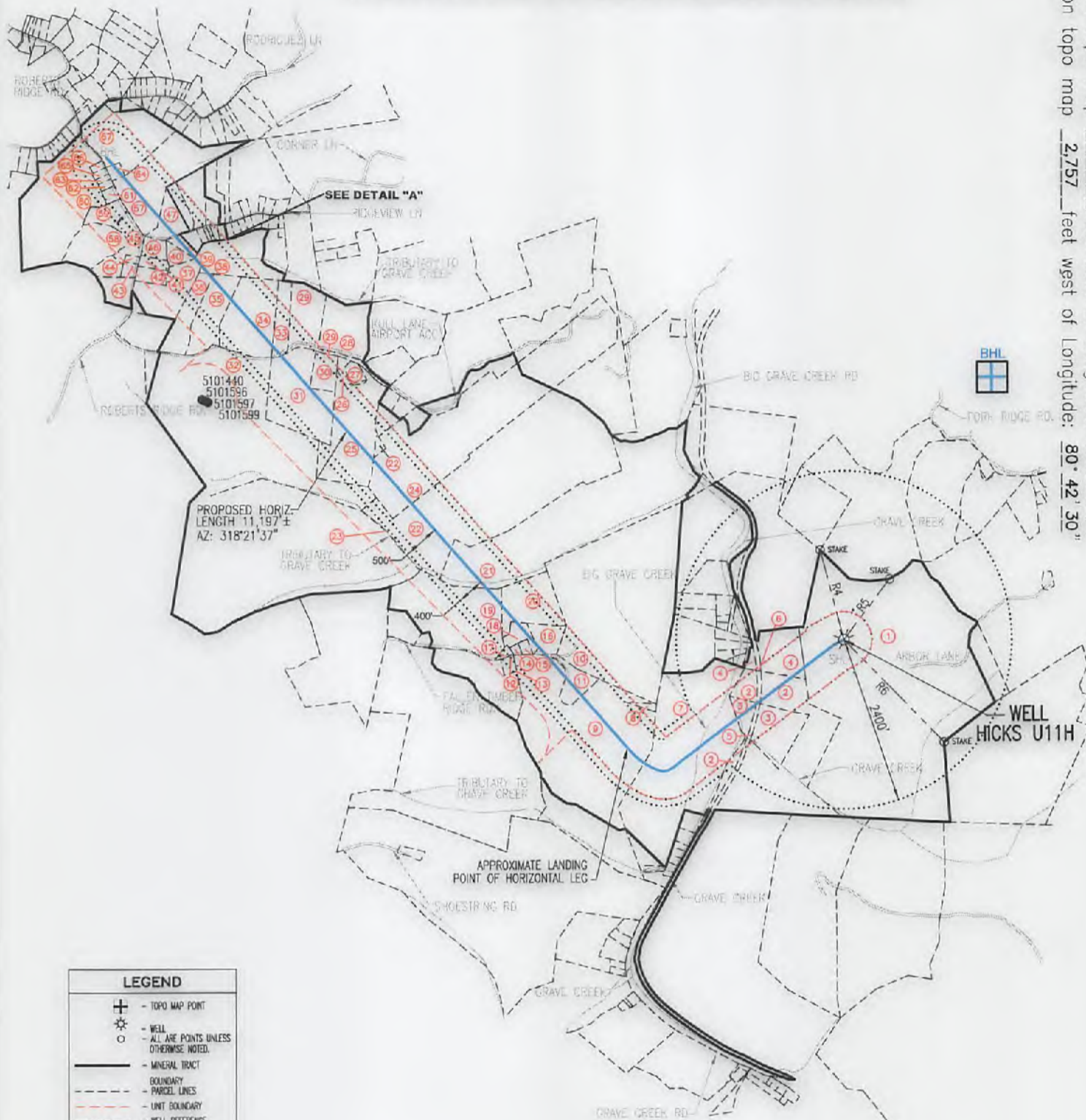
HICKS

U11H

PAGE 2 OF 10

BHL is located on topo map 1,694 feet west of Longitude: 80° 45' 00"
 SHL is located on topo map 2,757 feet west of Longitude: 80° 42' 30"

SEE PAGES 4-10 FOR SURFACE OWNERS AND LESSORS



PROPOSED HORIZ-
 LENGTH 11,197 ±
 AZ: 318°21'37"


UNIT ACREAGE - 413.119 ACRES

51-02001 H6A

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413560.356 E:524102.873	UTM 17-NAD83(M) N:4413082.90 E:523167.08	UTM 17-NAD83(M) N:4415594.36 E:520857.85
NAD83, WV NORTH N:501952.441 E:1626607.002	NAD83, WV NORTH N:500437.000 E:1623510.000	NAD83, WV NORTH N:508805.000 E:1616070.000

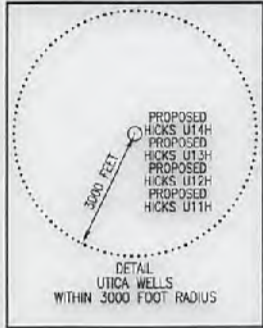
APRIL 24, 2018

BHL is located on topo map 9,657 feet south of Latitude: 39° 55' 00"
 SHL is located on topo map 1,186 feet south of Latitude: 39° 52' 30"

SEE PAGES 4-10 FOR SURFACE OWNERS AND LESSORS 

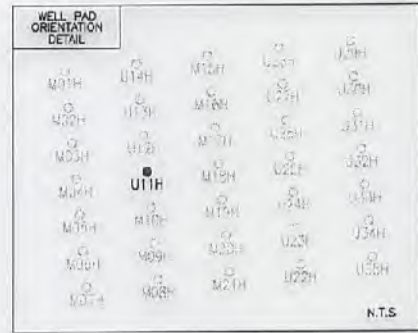
SEE PAGE 2 FOR PLAT DUE TO LENGTH OF LATERAL

BHL is located on topo map 1,694 feet west of Longitude: 80° 45' 00"
 SHL is located on topo map 2,757 feet west of Longitude: 80° 42' 30"



NOTES:

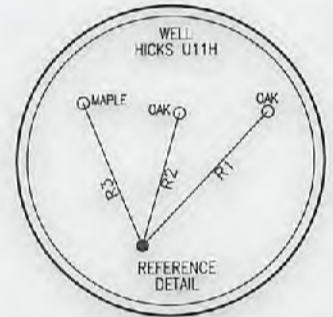
- There are no water wells or developed springs within 250' of proposed well.
- Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
- There are no native trout streams within 300' of proposed well.
- Proposed well is greater than 1000' from surface groundwater intake or public water supply.
- It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.
- There are no existing buildings within 625' of proposed well.



LEGEND	
	- TOPO MAP POINT
	- WELL
	- ALL ARE POINTS UNLESS OTHERWISE NOTED.
	- MINERAL TRACT BOUNDARY
	- PARCEL LINES
	- UNIT BOUNDARY
	- WELL REFERENCE
	- PROPOSED HORIZONTAL WELL
	- ROAD
	- STREAM CENTER LINE
	- SURFACE OWNERS
	- GAS WELLS
	- EXISTING WELLS
	- PLUGGED WELLS

SURFACE HOLE LOCATION (SHL)	
UTM 17-NAD83(M)	N:4413560.366
	E:524102.873
NAD83, WV NORTH	
	N:501952.441
	E:1626607.002
APPROX. LANDING POINT	
UTM 17-NAD83(M)	N:4413082.90
	E:523167.08
NAD83, WV NORTH	
	N:500437.000
	E:1623510.000
BOTTOM HOLE LOCATION (BHL)	
UTM 17-NAD83(M)	N:4415594.36
	E:520857.85
NAD83, WV NORTH	
	N:508805.000
	E:1616070.000

UNIT ACREAGE - 413.119 ACRES



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

LINE	BEARING	DISTANCE
R1	N 43°25'07" E	160.50'
R2	N 15°37'16" E	120.01'
R3	N 22°55'23" W	135.26'
R4	N 14°50'32" W	1320.08'
R5	N 37°01'14" E	1078.79'
R6	S 44°29'15" E	2040.19'

FILE #: HICKS U11H
 DRAWING #: HICKS U11H
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: George D. Six
 R.P.E.: _____ L.L.S.: P.S. No. 2000



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304



DATE: APRIL 24, 2018
 OPERATOR'S WELL #: HICKS U11H
 API WELL #: 47 51 02001H6A
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow
 WATERSHED: MIDDLE GRAVE CREEK-GRAVE CREEK ELEVATION: 1161.57'
 COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: GLEN EASTON, WV 7.5'
 SURFACE OWNER: THOMAS E. HICKS ACREAGE: 172.100±
 OIL & GAS ROYALTY OWNER: CHRISTA DAWN HICKS ET AL. ACREAGE: 1255.101±
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION PLUG & ABANDON CLEAN OUT & REPLUG OTHER CHANGE
 (SPECIFY): _____
 TARGET FORMATION: POINT PLEASANT ESTIMATED DEPTH: TVD: 11,300± TMD:23,576.75'±
 WELL OPERATOR CHEVRON APPALACHIA, LLC DESIGNATED AGENT KENNETH E. TAWNEY
 Address 700 CHERRINGTON PARKWAY Address 500 LEE STREET, EAST SUITE 1600
 City CORAOPOLIS State PA Zip Code 15108 City CHARLESTON State WV Zip Code 25301-3202

HICKS U11H PAGE 4 OF 10

	SURFACE OWNER	OIL & GAS OWNER	DIST-TM/PAR
1	THOMAS E. HICKS	CHRISTA DAWN HICKS ET AL	4-8/37
2	LILLIE LAVERN GAREY	LILLIE LAVERN GAREY	4-8/36
3	SIDNEY P. POND ET UX	SIDNEY P. POND ET UX	4-8/36.2
4	VICKIE L. & SIDNEY P. POND	SIDNEY P. POND ET UX	4-8/36.1
5	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT.	CNX GAS COMPANY LLC	4-12/25
6	CONSOLIDATION COAL COMPANY/MURRAY ENERGY C/O LAND DEPT.	CNX GAS COMPANY LLC	4-8/39
7	MABEL JUANITA WILLIAMS	MABEL J. WILLIAMS	4-8/23
8	HENRY W. & LINDA M. ASTON	HENRY ASTON ET UX	4-8/19
9	BONAR FAMILY IRREVOCABLE TR	BONAR FAMILY IREV TRST DTD 2/12/2009	4-8/18
10	HENRY W. & LINDA M. ASTON-LIFE	HENRY ASTON ET UX	4-8/17
		LEO GAMBLE	
		BILLIE D. BRENNAN	
		BARBARA RIGGLE	
		NOREEN G. MILLER ET VIR	
		ANNE LONG HAND ET VIR	
		JOHN M. GAMBLE	
		MARGARET M. VERRALL	
		LARRY MCCULLOUGH	
		MARK CARTER GAMBLE	
		CHARLES PAUL GAMBLE ET UX	
		CLARICE BURT	
		DONALD CARMICHAEL	
		JANE ANN DAY	
		PEGGY FILLMORE	
		BILLIE JO GARNER	
		ARDITH HOLMES	
		ELEANOR HOLMES	
		GENE LAWSON HOLMES	
		JANICE A. HOLMES	
		MARY HOLMES	
		MITCHELL R. HOLMES	
		RONALD LEMOYNE HOLMES	
		TIM HOLMES	
		VIRGINIA HOLMES	
		MYRNA LOUANN HOLSTINE	
		LYLA LORRAINE HUBBS	
		BONNIE LIBRIZZI	
		MARY LOUISE LIPSKY	
		KAREN V. MAAS	
		VERA MARIE MIDCAP	
		MAVARENE L. REDD	
		EULA RICHARDS BY AIF CAROYLN THOMPSON	
		HELEN M. RINE	
		MARILYN LAVONDA RULONG	
		VIOLET P. STANDIFORD	
		CHRISTINE A. CIOCCIA	
		SHIRLEY DULANEY	
		WILLIAM EARNEST	
		JANE ANN GAMBLE	
		JULIA GAMBLE BY AIF MARY JO DOMBROWSKI	
		HOWARD MCCARDLE	
		JOAN MILLIKEN	
		SHERWIN LEE RUCKMAN	
		BOBBI JO STARK	
		BELINDA S. WEST	
		MARY ELLEN WHIPKEY	
		ROBIN WILLIAMS	
		LLOYD ELWOOD HOLMES	
11	HENRY W. & LINDA M. ASTON-LIFE	HENRY ASTON ET UX	4-8/18.1
12	JEANIE M. & DEAN HOYT	DEAN HOYT ET UX	4-8/14
13	NANCY L. BONAR KOONTZ	BONAR FAMILY IREV TRST DTD 2/12/2009	4-8/11
14	RALPH D. HOYT ET UX	LEO GAMBLE	4-8/17.1
		BILLIE D. BRENNAN	
		BARBARA RIGGLE	
		NOREEN G. MILLER ET VIR	
		ANNE LONG HAND ET VIR	
		JOHN M. GAMBLE	
		MARGARET M. VERRALL	
		LARRY MCCULLOUGH	
		MARK CARTER GAMBLE	
		CHARLES PAUL GAMBLE ET UX	
		CLARICE BURT	
		DONALD CARMICHAEL	
		JANE ANN DAY	
		PEGGY FILLMORE	
		BILLIE JO GARNER	
		ARDITH HOLMES	
		ELEANOR HOLMES	
		GENE LAWSON HOLMES	

51-02001 H6-A

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413580.356 E:524102.873	UTM 17-NAD83(M) N:4413082.90 E:523167.08	UTM 17-NAD83(M) N:4415594.36 E:520857.85
NAD83, WV NORTH N:501952.441 E:1626607.002	NAD83, WV NORTH N:500437.000 E:1623510.000	NAD83, WV NORTH N:508805.000 E:1616070.000



APRIL 24, 2018

HICKS U11H PAGE 5 OF 10

	SURFACE OWNER	OIL & GAS OWNER	DIST-TM/PAR
14	CONTINUED	JANICE A. HOLMES MARY HOLMES MITCHELL R. HOLMES RONALD LEMOYNE HOLMES TIM HOLMES VIRGINIA HOLMES MYRNA LOUANN HOLSTINE LYLA LORRAINE HUBBS BONNIE LIBRIZZI MARY LOUISE LIPSKY KAREN V. MAAS VERA MARIE MIDCAP MAVARENE L. REDD EULA RICHARDS BY AIF CAROLYN THOMPSON HELEN M. RINE MARILYN LAVONDA RULONG VIOLET P. STANDIFORD CHRISTINE A. CIOCCIA SHIRLEY DULANEY WILLIAM EARNEST JANE ANN GAMBLE JULIA GAMBLE BY AIF MARY JO DOMBROWSKI HOWARD MCCARDLE JOAN MILLIKEN SHERWIN LEE RUCKMAN BOBBIE JO STARK BELINDA S. WEST MARY ELLEN WHIPKEY ROBIN WILLIAMS LLOYD ELWOOD HOLMES RALPH HOYT ET UX	
15	AMBER R. CLARK	LEO GAMBLE BILLIE D. BRENNAN BARBARA RIGGLE NOREEN G. MILLER ET VIR ANNE LONG HAND ET VIR JOHN M. GAMBLE MARGARET M. VERRALL LARRY MCCULLOUGH MARK CARTER GAMBLE CHARLES PAUL GAMBLE ET UX CLARICE BURT DONALD CARMICHAEL JANE ANN DAY PEGGY FILLMORE BILLIE JO GARNER ARDITH HOLMES ELEANOR HOLMES GENE LAWSON HOLMES JANICE A. HOLMES MARY HOLMES MITCHELL R. HOLMES RONALD LEMOYNE HOLMES TIM HOLMES VIRGINIA HOLMES MYRNA LOUANN HOLSTINE LYLA LORRAINE HUBBS BONNIE LIBRIZZI MARY LOUISE LIPSKY KAREN V. MAAS VERA MARIE MIDCAP MAVARENE L. REDD EULA RICHARDS BY AIF CAROLYN THOMPSON HELEN M. RINE MARILYN LAVONDA RULONG VIOLET P. STANDIFORD CHRISTINE A. CIOCCIA SHIRLEY DULANEY WILLIAM EARNEST JANE ANN GAMBLE JULIA GAMBLE BY AIF MARY JO DOMBROWSKI HOWARD MCCARDLE JOAN MILLIKEN SHERWIN LEE RUCKMAN BOBBI JO STARK BELINDA S. WEST	4-8/17.2

51-02001 H6A

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413560.356 E:524102.873	UTM 17-NAD83(M) N:4413082.90 E:523167.08	UTM 17-NAD83(M) N:4415594.36 E:520857.85
NAD83, WV NORTH N:501952.441 E:1626607.002	NAD83, WV NORTH N:500437.000 E:1623510.000	NAD83, WV NORTH N:508805.000 E:1616070.000

HICKS

U11H

PAGE 6 OF 10

	SURFACE OWNER	OIL & GAS OWNER	DIST-TM/PAR
15	CONTINUED	MARY ELLEN WHIPKEY ROBIN WILLIAMS LLOYD ELWOOD HOLMES AMBER R. CLARK	
16	RONALD P. & EILEEN C. STROPE	LEO GAMBLE BILLIE D. BRENNAN BARBARA RIGGLE NOREEN G. MILLER ET VIR ANNE LONG HAND ET VIR JOHN M. GAMBLE MARGARET M. VERRALL LARRY MCCULLOUGH MARK CARTER GAMBLE CHARLES PAUL GAMBLE ET UX CLARICE BURT DONALD CARMICHAEL JANE ANN DAY PEGGY FILLMORE BILLIE JO GARNER ARDITH HOLMES ELEANOR HOLMES GENE LAWSON HOLMES JANICE A. HOLMES MARY HOLMES MITCHELL R. HOLMES RONALD LEMOYNE HOLMES TIM HOLMES VIRGINIA HOLMES MYRNA LOUANN HOLSTINE LYLA LORRAINE HUBBS BONNIE LIBRIZZI MARY LOUISE LIPSKY KAREN V. MAAS VERA MARIE MIDCAP MAVARENE L. REDD EULA RICHARDS BY AIF CAROLYN THOMPSON HELEN M. RINE MARILYN LAVONDA RULONG VIOLET P. STANDIFORD CHRISTINE A. CIOCCIA SHIRLEY DULANEY WILLIAM EARNEST JANE ANN GAMBLE JULIA GAMBLE BY AIF MARY JO DOMBROWSKI HOWARD MCCARDLE JOAN MILLIKEN SHERWIN LEE RUCKMAN BOBBI JO STARK BELINDA S. WEST MARY ELLEN WHIPKEY ROBIN WILLIAMS LLOYD ELWOOD HOLMES RONALD STROPE ET UX	4-8/17.4
17	JEANIE M. & DEAN HOYT	LEO GAMBLE BILLIE D. BRENNAN BARBARA RIGGLE NOREEN G. MILLER ET VIR ANNE LONG HAND ET VIR JOHN M. GAMBLE MARGARET M. VERRALL LARRY MCCULLOUGH MARK CARTER GAMBLE CHARLES PAUL GAMBLE ET UX CLARICE BURT DONALD CARMICHAEL JANE ANN DAY PEGGY FILLMORE BILLIE JO GARNER ARDITH HOLMES ELEANOR HOLMES GENE LAWSON HOLMES JANICE A. HOLMES MARY HOLMES MITCHELL R. HOLMES RONALD LEMOYNE HOLMES TIM HOLMES	4-8/13

51-02004 H6A

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413560.356 E:524102.873	UTM 17-NAD83(M) N:4413082.90 E:523167.08	UTM 17-NAD83(M) N:4415594.36 E:520857.85
NAD83, WV NORTH N:501952.441 E:1626607.002	NAD83, WV NORTH N:500437.000 E:1623510.000	NAD83, WV NORTH N:508805.000 E:1616070.000

HICKS

U11H

PAGE 7 OF 10

	SURFACE OWNER	OIL & GAS OWNER	DIST-TM/PAR
17	CONTINUED	VIRGINIA HOLMES MYRNA LOUANN HOLSTINE LYLA LORRAINE HUBBS BONNIE LIBRIZZI MARY LOUISE LIPSKY KAREN V. MAAS VERA MARIE MIDCAP MAVARENE L. REDD EULA RICHARDS BY AIF CAROLYN THOMPSON HELEN M. RINE MARILYN LAVONDA RULONG VIOLET P. STANDIFORD CHRISTINE A. CIOCCIA SHIRLEY DULANEY WILLIAM EARNEST JANE ANN GAMBLE JULIA GAMBLE BY AIF MARY JO DOMBROWSKI HOWARD MCCARDLE JOAN MILLIKEN SHERWIN LEE RUCKMAN BOBBIE JO STARK BELINDA S. WEST MARY ELLEN WHIPKEY ROBIN WILLIAMS LLOYD ELWOOD HOLMES MICHAEL MULDREW JR.	
18	JEANIE M. & DEAN A. HOYT	LEO GAMBLE BILLIE D. BRENNAN BARBARA RIGGLE NOREEN G. MILLER ET VIR ANNE LONG HAND ET VIR JOHN M. GAMBLE MARGARET M. VERRALL LARRY MCCULLOUGH MARK CARTER GAMBLE CHARLES PAUL GAMBLE ET UX CLARICE BURT DONALD CARMICHAEL JANE ANN DAY PEGGY FILLMORE BILLIE JO GARNER ARDITH HOLMES ELEANOR HOLMES GENE LAWSON HOLMES JANICE A. HOLMES MARY HOLMES MITCHELL R. HOLMES RONALD LEMOYNE HOLMES TIM HOLMES VIRGINIA HOLMES MYRNA LOUANN HOLSTINE LYLA LORRAINE HUBBS BONNIE LIBRIZZI MARY LOUISE LIPSKY KAREN V. MAAS VERA MARIE MIDCAP MAVARENE L. REDD EULA RICHARDS BY AIF CAROLYN THOMPSON HELEN M. RINE MARILYN LAVONDA RULONG VIOLET P. STANDIFORD CHRISTINE A. CIOCCIA SHIRLEY DULANEY WILLIAM EARNEST JANE ANN GAMBLE JULIA GAMBLE BY AIF MARY JO DOMBROWSKI HOWARD MCCARDLE JOAN MILLIKEN SHERWIN LEE RUCKMAN BOBBIE JO STARK BELINDA S. WEST MARY ELLEN WHIPKEY ROBIN WILLIAMS LLOYD ELWOOD HOLMES DEAN HOYT ET UX	4-8/17.3
19	CATHY R. BERISFORD-TOD	MYRON BERISFORD ET UX	4-8/12
20	CAROL ANN JORDAN	CAROL JORDAN	4-8/15

51-02004 H6A

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413580.356 E:524102.873	UTM 17-NAD83(M) N:4413082.90 E:523167.08	UTM 17-NAD83(M) N:4415594.36 E:520857.85
NAD83, WV NORTH N:501952.441 E:1626607.002	NAD83, WV NORTH N:500437.000 E:1623510.000	NAD83, WV NORTH N:508805.000 E:1616070.000

HICKS

U11H

PAGE 8 OF 10

	SURFACE OWNER	OIL & GAS OWNER	DIST-TM/PAR
21	CHARLES W. JR. & JUDY MERCER	SANDRA KAY WARNER PATSY SUE BAYHA HALLIE LU PETERSON LUCRETIA LEE DELLA K. BOONE DENNIS PARSONS DR. CASPER E. CLINE CHARLOTTE L. STROMSLAND	4-8/16
22	MARY E. PERSINGER & JANET C. HUNNELL ET AL	JOHN L. FOX KAREN M. FOX CHRISTI F. PRESTON JOHN L. FOX II CYNTHIA S. HAMILTON DOROTHY A. ARGENTA PAUL T. ARGENTA MARY E. PERSINGER JANET C. HUNNELL MICHAEL PERSINGER BETH BLAKE KAREN FOX EVANS WILLIAM B. FOX LINDA SMITH ANN MILLER	4-5/54.1
23	CINDI L. KALE	STANLEY PATTERSON ET UX	4-8/1
24	MARSHALL CO AIRPORT AUTHORITY	JOHN LEONARD FOX KAREN M. FOX CHRISTI F. PRESTON JOHN L. FOX II CYNTHIA S. HAMILTON DOROTHY A. ARGENTA JOAN E. KRESS WILLIAM P. ARGENTA PAUL T. ARGENTA MARY E. PERSINGER JANET C. HUNNELL MICHAEL PERSINGER BETH BLAKE KAREN FOX EVANS BRAD FOX LINDA SMITH ANN MILLER WILLIAM B. FOX	4-5/54.3
25	BRADLEY C. RINE	LINDSEY E. RACKLEY ERIC HATHAWAY ET UX ERINE HATHAWAY NANCY D. RACKLEY ET VIR KIMBERLY HATHAWAY GOBLE ET VIR GARY LEE HATHAWAY ET UX JUDITH KULL TRST DTD 7/31/1985 ELIZABETH G. KULL REV TRST DTD 10/21/1997 DOROTHY SEDOSKY GENE DAKAN ET UX DOLLYE GUZEK ET VIR	4-5/52
26	BRENDA FAYE RINE	LINDSEY E. RACKLEY ERIC HATHAWAY ET UX ERINE HATHAWAY NANCY D. RACKLEY ET VIR KIMBERLY HATHAWAY GOBLE ET VIR GARY LEE HATHAWAY ET UX JUDITH KULL TRST DTD 7/31/1985 ELIZABETH G. KULL REV TRST DTD 10/21/1997 DOROTHY SEDOSKY GENE DAKAN ET UX DOLLYE GUZEK ET VIR	4-5/52.2
27	BRENDA FAYE RINE	LINDSEY E. RACKLEY ERIC HATHAWAY ET UX ERINE HATHAWAY NANCY D. RACKLEY ET VIR KIMBERLY HATHAWAY GOBLE ET VIR GARY LEE HATHAWAY ET UX JUDITH KULL TRST DTD 7/31/1985 ELIZABETH G. KULL REV TRST DTD 10/21/1997 DOROTHY SEDOSKY GENE DAKAN ET UX DOLLYE GUZEK ET VIR	4-5/52.1

51-02004 H6A

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413560.356 E:524102.873	UTM 17-NAD83(M) N:4413082.90 E:523167.08	UTM 17-NAD83(M) N:4415594.36 E:520857.85
NAD83, WV NORTH N:501952.441 E:1626607.002	NAD83, WV NORTH N:500437.000 E:1623510.000	NAD83, WV NORTH N:508805.000 E:1616070.000

HICKS

U11H

PAGE 9 OF 10

	SURFACE OWNER	OIL & GAS OWNER	DIST-TM/PAR
28	TRACIE L. NELSON	LINDSEY E. RACKLEY ERIC HATHAWAY ET UX ERINE HATHAWAY NANCY D. RACKLEY ET VIR KIMBERLY HATHAWAY GOBLE ET VIR GARY LEE HATHAWAY ET UX JUDITH KULL TRST DTD 7/31/1985 ELIZABETH G. KULL REV TRST DTD 10/21/1997 DOROTHY SEDOSKY GENE DAKAN ET UX DOLLYE GUZEK ET VIR	4-5/50.6
29	GEOFFREY ERIC HOWE	LINDSEY E. RACKLEY ERIC HATHAWAY ET UX ERINE HATHAWAY NANCY D. RACKLEY ET VIR KIMBERLY HATHAWAY GOBLE ET VIR GARY LEE HATHAWAY ET UX JUDITH KULL TRST DTD 7/31/1985 ELIZABETH G. KULL REV TRST DTD 10/21/1997 DOROTHY SEDOSKY GENE DAKAN ET UX DOLLYE GUZEK ET VIR	4-5/50
30	GREGORY E. AND SUELYNN E. HOWE	LINDSEY E. RACKLEY ERIC HATHAWAY ET UX ERINE HATHAWAY NANCY D. RACKLEY ET VIR KIMBERLY HATHAWAY GOBLE ET VIR GARY LEE HATHAWAY ET UX JUDITH KULL TRST DTD 7/31/1985 ELIZABETH G. KULL REV TRST DTD 10/21/1997 DOROTHY SEDOSKY GENE DAKAN ET UX DOLLYE GUZEK ET VIR	4-5/51.1
31	ETHEL FAYE HOWE	LINDSEY E. RACKLEY ERIC HATHAWAY ET UX ERINE HATHAWAY NANCY D. RACKLEY ET VIR KIMBERLY HATHAWAY GOBLE ET VIR GARY LEE HATHAWAY ET UX JUDITH KULL TRST DTD 7/31/1985 ELIZABETH G. KULL REV TRS DTD 10/21/1997 DOROTHY SEDOSKY GENE DAKAN ET UX DOLLYE GUZEK ET VIR	4-5/51
32	SARAH J. KNABENSHUE ET AL	HOWARD BONAR CONNER ET AL	4-5/55
33	ROBERT P. CARNAHAN ET UX	LINDSEY E. RACKLEY ERIC HATHAWAY ET UX ERINE HATHAWAY NANCY D. RACKLEY ET VIR KIMBERLY HATHAWAY GOBLE ET VIR GARY LEE HATHAWAY ET UX JUDITH KULL TRST DTD 7/31/1985 ELIZABETH G. KULL REV TRST DTD 10/21/1997 DOROTHY SEDOSKY GENE DAKAN ET UX DOLLYE GUZEK ET VIR	4-5/50.4
34	SARAH J. KNABENSHUE ET AL	HOWARD E. CONNER ET AL	4-5/56
35	CLEMENT R. & NANCY L. SHUTLER	CLEMENT R. SHUTLER ET UX	4-5/56.3
36	CLEMENT R. SHUTLER ET UX	CLEMENT R. SHUTLER ET UX	4-5/56.2
37	SIDNEY L. RAPER ET UX	SIDNEY L. RAPER	4-5/60
38	SETH C. WEEKLY	SETH C. WEEKLY ET UX	4-5/57.1
39	RONALD D. AND BARBARA A. MASON	HILDA M. BLAKE BY AIF	4-5/58
40	JILL L. KULAVIK	THOMAS KULAVIK	4-5/59
41	DANIEL E. HOLMES	DANIEL E. HOLMES	4-5/60.3
42	ROCKY LEE DOBBS	RUSSELL A. MCCLURE ET UX	4-5/60.2
43	FREDERIC S. & DIANA M. MAKARA	THOMAS BERISFORD ET UX	4-5/61
44	JEREMY S. HILL	JEREMY S. HILL ET UX	4-5/19.6
45	WOOD FAMILY TRUST	SAMUEL J. WOOD ET UX	4-5/19
46	JAMES COFER ET UX	DANIEL E. HOLMES	4-5/60.1
47	JAMES COFER ET UX	JAMES COFER ET UX	4-5/25
48	CURTIS W. ALLEN ET UX	CURTIS ALLEN ET UX	4-5/26.1
49	JAMES H. ALLEN-LIFE	JAMES ALLEN ET UX	4-5/26
50	HALI R. & JASON R. PORTER	ANDREW A. BARTOLOVICH, ET UX	4-5/57
51	WANDA BLAKE - LIFE	GAREN BLAKE ET UX	4-5B/1
52	WANDA BLAKE - LIFE	GAREN BLAKE ET UX	4-5B/2.1
53	WANDA BLAKE - LIFE	GAREN BLAKE ET UX	4-5B/2
54	WANDA BLAKE - LIFE	GAREN BLAKE ET UX	4-5B/3
55	MICHAEL SHANE & SYBIL DAWN OTT	MICHAEL S. OTT, ET UX	4-5B/4
56	FREDA L. & VICKI L. CAMPBELL	FREDA CAMPBELL ET AL	4-5/27

51-02004 H6A

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413560.356 E:524102.873	UTM 17-NAD83(M) N:4413082.90 E:523167.08	UTM 17-NAD83(M) N:4415594.36 E:520857.85
NAD83, WY NORTH N:501952.441 E:1626607.002	NAD83, WY NORTH N:500437.000 E:1623510.000	NAD83, WY NORTH N:508805.000 E:1616070.000

HICKS U11H PAGE 10 OF 10

	SURFACE OWNER	OIL & GAS OWNER	DIST-TM/PAR
57	LOREN F. CECIL ET UX - LIFE	LOREN CECIL ET AL	4-5/24
58	JOHN A. & TIFFANY ROBBINS	MELISA ANN FECAT/DANIEL J. FECAT	4-5/19.7
59	JOHN A. & TIFFANY A. ROBBINS	MELISA ANN FECAT	4-5/19.9
60	CURTIS G. & SHERRI A. MASON	CURTIS G. MASON ET UX	4-5/19.8
61	KIMS KOUNTRY STORE LLC.	CHARLES H. HALL	4-5/19.3
62	ANTHONY F. & DIANA D. NOVEL	ANTHONY NOVEL ET UX	4-5/19.1
63	ANTHONY F. & DIANA D. NOVEL	ANTHONY NOVEL ET UX	4-5/19.2
64	LOREN F. CECIL ET UX-LIFE	LOREN CECIL, ET AL	4-5/21.2
65	JEREMY S. HILL	JEREMY S. HILL ET UX	4-5/19.4
66	JEREMY S. HILL	JEREMY S. HILL ET UX	4-5/19.5
67	LOREN F. CECIL ET UX-LIFE	LOREN CECIL ET AL	4-5/21

51-020041

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M) N:4413560.356 E:524102.873 NAD83, WV NORTH N:501952.441 E:1626607.002	UTM 17-NAD83(M) N:4413082.90 E:523167.08 NAD83, WV NORTH N:500437.000 E:1623510.000	UTM 17-NAD83(M) N:4415594.36 E:520857.85 NAD83, WV NORTH N:508805.000 E:1616070.000

APRIL 24, 2018

WW-6A1
(5/13)

Operator's Well No. Hicks U11H

**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:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
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 permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Chevron Appalachia, LLC

By: Jenny Hayes
Its: Permitting Team Lead

RECEIVED
Office of Oil and Gas

JAN 5 2018

WV Department of
Environmental Protection

Hicks Unit #11H - **UIICA** - FINAL

Plat Ref #	Plat ID	Lessor	Lessee	Royalty	Book/Page	Assignment #1	Assignment #2	Assignment #3
1	4-8-37	Hicks, Christa Dawn et al	Chevron U.S.A. Inc.	0.18	841/246	n/a	n/a	n/a
2	4-8-36	Garey, Lillie Lavern	TriEnergy Holdings, LLC	0.16	707/9	24/180 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a
3	4-8-36.2	Pond, Sidney P. et ux	Chevron U.S.A. Inc.	0.18	876/295	n/a	n/a	n/a
4	4-8-36.1	Pond, Sidney P. et ux	Chevron U.S.A. Inc.	0.18	876/295	n/a	n/a	n/a
5	4-12-25	CNX Gas Company LLC	Chevron U.S.A. Inc.	0.2	818/549	n/a	n/a	n/a
7	4-8-23	Williams, Mabel J.	Chevron U.S.A. Inc.	0.18	837/386	n/a	n/a	n/a
9	4-8-18	Bonar Family Irev Trst DTD 2/12/2009	Chevron U.S.A. Inc.	0.14	787/485	n/a	n/a	n/a
11	4-8-18.1	Aston, Henry et ux	TriEnergy, Inc.	0.125	664/592	BK20/PG25 2-- TriEnergy Holdings LLC to AB Resources LLC	BK756/PG3 97--AB Resources LLC to Chevron U.S.A. Inc.	n/a
		Strope, Ronald et ux	TriEnergy Holdings, LLC	0.16	711/260	24/430 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a
		Gamble, Leo	TriEnergy Holdings, LLC	0.14	740/354	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Brennan, Billie D.	TriEnergy Holdings, LLC	0.16	740/351	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Riggle, Barbara	Chevron U.S.A. Inc.	0.14	763/509	n/a	n/a	n/a
		Miller, Noreen G. et vir	Chevron U.S.A. Inc.	0.16	772/218	n/a	n/a	n/a

Hand, Anne Long et vir	Chevron U.S.A. Inc.	0.14	774/302	n/a	n/a	n/a
Gamble, John M.	Chevron U.S.A. Inc.	0.14	774/310	n/a	n/a	n/a
Verrall, Margaret M.	Chevron U.S.A. Inc.	0.16	774/275	n/a	n/a	n/a
McCullough, Larry	Chevron U.S.A. Inc.	0.14	772/31	n/a	n/a	n/a
Gamble, Mark Carter	Chevron U.S.A. Inc.	0.14	772/43	n/a	n/a	n/a
Gamble, Charles Paul et ux	Chevron U.S.A. Inc.	0.14	780/132	n/a	n/a	n/a
Burt, Clarice	TriEnergy Holdings, LLC	0.16	753/608	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Carmichael, Donald	TriEnergy Holdings, LLC	0.14	743/411	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Day, Jane Ann	TriEnergy Holdings, LLC	0.14	751/237	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Fillmore, Peggy	TriEnergy Holdings, LLC	0.14	743/414	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Garner, Billie Jo	TriEnergy Holdings, LLC	0.14	743/426	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Ardith	Chevron U.S.A. Inc.	0.16	753/602	n/a	n/a	n/a

Holmes, Eleanor	TriEnergy Holdings, LLC	0.16	751/240	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Gene Lawson	TriEnergy Holdings, LLC	0.16	743/522	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Janice A.	TriEnergy Holdings, LLC	0.16	753/614	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Mary	TriEnergy Holdings, LLC	0.16	743/426	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Mitchell R.	TriEnergy Holdings, LLC	0.16	748/141	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Ronald Lemoyne	TriEnergy Holdings, LLC	0.16	743/466	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Tim	TriEnergy Holdings, LLC	0.16	751/234	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a

16

4-8-17.4

Holmes, Virginia	TriEnergy Holdings, LLC	0.16	753/605	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holstine, Myrna Louann	TriEnergy Holdings, LLC	0.16	753/589	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Hubbs, Lyla Lorraine	TriEnergy Holdings, LLC	0.16	753/617	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Librizzi, Bonnie	TriEnergy Holdings, LLC	0.16	748/137	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Lipsky, Mary Louise	TriEnergy Holdings, LLC	0.16	753/620	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Maas, Karen V.	TriEnergy Holdings, LLC	0.16	753/641	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Midcap, Vera Marie	TriEnergy Holdings, LLC	0.16	753/592	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a

Redd, Mavarene L.	TriEnergy Holdings, LLC	0.16	753/263	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Richards, Eula by AIF Thompson, Carolyn	TriEnergy Holdings, LLC	0.14	748/152	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Rine, Helen M.	TriEnergy Holdings, LLC	0.18	748/120	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Rulong, Marilyn Lavonda	TriEnergy Holdings, LLC	0.16	753/626	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Standiford, Violet P.	TriEnergy Holdings, LLC	0.18	749/261	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Cioccia, Christine A.	Chevron U.S.A. Inc.	0.18	765/235	n/a	n/a	n/a
Dulaney, Shirley	TriEnergy Holdings, LLC	0.18	749/236	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a

Earnest, William	TriEnergy Holdings, LLC	0.18	749/242	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Gamble, Jane Ann	TriEnergy Holdings, LLC	0.18	743/440	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Gamble, Julia by AIF Dombrowski, Mary Jo	TriEnergy Holdings, LLC	0.18	745/436	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
McCardle, Howard	TriEnergy Holdings, LLC	0.14	749/283	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Milliken, Joan	TriEnergy Holdings, LLC	0.18	749/258	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Ruckman, Sherwin Lee	TriEnergy Holdings, LLC	0.18	749/276	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Stark, Bobbi Jo	TriEnergy Holdings, LLC	0.18	743/429	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a

	West, Belinda S.	TriEnergy Holdings, LLC	0.18	749/270	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
	Whipkey, Mary Ellen	TriEnergy Holdings, LLC	0.18	749/273	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
	Williams, Robin	TriEnergy Holdings, LLC	0.18	749/267	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
	Holmes, Lloyd Elwood	Chevron U.S.A. Inc.	0.15	790/62	n/a	n/a	n/a
	Hoyt, Dean et ux	TriEnergy Holdings, LLC	0.16	711/274	25/449 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a
	Gamble, Leo	TriEnergy Holdings, LLC	0.14	740/354	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
	Brennan, Billie D.	TriEnergy Holdings, LLC	0.16	740/351	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
	Riggle, Barbara	Chevron U.S.A. Inc.	0.14	763/509	n/a	n/a	n/a
	Miller, Noreen G. et vir	Chevron U.S.A. Inc.	0.16	772/218	n/a	n/a	n/a
	Hand, Anne Long et vir	Chevron U.S.A. Inc.	0.14	774/302	n/a	n/a	n/a
	Gamble, John M.	Chevron U.S.A. Inc.	0.14	774/310	n/a	n/a	n/a
	Verrall, Margaret M.	Chevron U.S.A. Inc.	0.16	774/275	n/a	n/a	n/a
	McCullough, Larry	Chevron U.S.A. Inc.	0.14	772/31	n/a	n/a	n/a

Gamble, Mark Carter	Chevron U.S.A. Inc.	0.14	772/43	n/a	n/a	n/a
Gamble, Charles Paul et ux	Chevron U.S.A. Inc.	0.14	780/132	n/a	n/a	n/a
Burt, Clarice	TriEnergy Holdings, LLC	0.16	753/608	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Carmichael, Donald	TriEnergy Holdings, LLC	0.14	743/411	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Day, Jane Ann	TriEnergy Holdings, LLC	0.14	751/237	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Fillmore, Peggy	TriEnergy Holdings, LLC	0.14	743/414	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Garner, Billie Jo	TriEnergy Holdings, LLC	0.14	743/426	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Ardith	Chevron U.S.A. Inc.	0.16	753/602	n/a	n/a	n/a
Holmes, Eleanor	TriEnergy Holdings, LLC	0.16	751/240	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a

Holmes, Gene Lawson	TriEnergy Holdings, LLC	0.16	743/522	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Janice A.	TriEnergy Holdings, LLC	0.16	753/614	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Mary	TriEnergy Holdings, LLC	0.16	743/426	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Mitchell R.	TriEnergy Holdings, LLC	0.16	748/141	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Ronald Lemoyne	TriEnergy Holdings, LLC	0.16	743/466	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Tim	TriEnergy Holdings, LLC	0.16	751/234	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Holmes, Virginia	TriEnergy Holdings, LLC	0.16	753/605	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a

18

4-8-17.3

Holstine, Myrna Louann	TriEnergy Holdings, LLC	0.16	753/589	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Hubbs, Lyla Lorraine	TriEnergy Holdings, LLC	0.16	753/617	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Librizzi, Bonnie	TriEnergy Holdings, LLC	0.16	748/137	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Lipsky, Mary Louise	TriEnergy Holdings, LLC	0.16	753/620	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Maas, Karen V.	TriEnergy Holdings, LLC	0.16	753/641	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Midcap, Vera Marie	TriEnergy Holdings, LLC	0.16	753/592	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Redd, Mavarene L.	TriEnergy Holdings, LLC	0.16	753/263	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a

Richards, Eula by AIF Thompson, Carolyn	TriEnergy Holdings, LLC	0.14	748/152	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Rine, Helen M.	TriEnergy Holdings, LLC	0.18	748/120	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Rulong, Marilyn Lavonda	TriEnergy Holdings, LLC	0.16	753/626	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Standiford, Violet P.	TriEnergy Holdings, LLC	0.18	749/261	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Cioccia, Christine A.	Chevron U.S.A. Inc.	0.18	765/235	n/a	n/a	n/a
Dulaney, Shirley	TriEnergy Holdings, LLC	0.18	749/236	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Earnest, William	TriEnergy Holdings, LLC	0.18	749/242	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a

Gamble, Jane Ann	TriEnergy Holdings, LLC	0.18	743/440	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Gamble, Julia by AIF Dombrowski, Mary Jo	TriEnergy Holdings, LLC	0.18	745/436	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
McCardle, Howard	TriEnergy Holdings, LLC	0.14	749/283	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Milliken, Joan	TriEnergy Holdings, LLC	0.18	749/258	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Ruckman, Sherwin Lee	TriEnergy Holdings, LLC	0.18	749/276	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
Stark, Bobbi Jo	TriEnergy Holdings, LLC	0.18	743/429	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
West, Belinda S.	TriEnergy Holdings, LLC	0.18	749/270	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a

		Whipkey, Mary Ellen	TriEnergy Holdings, LLC	0.18	749/273	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Williams, Robin	TriEnergy Holdings, LLC	0.18	749/267	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Holmes, Lloyd Elwood	Chevron U.S.A. Inc.	0.15	790/62	n/a	n/a	n/a
20	4-8-15	Jordan, Carol	TriEnergy Holdings, LLC	0.125	686/400	23/74 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a
19	4-8-12	Berisford, Myron et ux	TriEnergy, Inc.	0.125	687/295	BK20/P25 2-- TriEnergy Holdings LLC to AB Resources LLC	BK756/P23 97--AB Resources LLC to Chevron U.S.A. Inc.	n/a
		Warner, Sandra Kay	TriEnergy Holdings, LLC	0.16	736/318	25/449 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a
		Bayha, Patsy Sue	TriEnergy Holdings, LLC	0.16	736/301	25/449 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a
		Peterson, Hallie Lu	TriEnergy Holdings, LLC	0.16	738/541	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a

		Whipkey, Mary Ellen	TriEnergy Holdings, LLC	0.18	749/273	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Williams, Robin	TriEnergy Holdings, LLC	0.18	749/267	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Holmes, Lloyd Elwood	Chevron U.S.A. Inc.	0.15	790/62	n/a	n/a	n/a
20	4-8-15	Jordan, Carol	TriEnergy Holdings, LLC	0.125	686/400	23/74 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a
19	4-8-12	Berisford, Myron et ux	TriEnergy, Inc.	0.125	687/295	BK20/P25 2-- TriEnergy Holdings LLC to AB Resources LLC	BK756/P23 97--AB Resources LLC to Chevron U.S.A. Inc.	n/a
		Warner, Sandra Kay	TriEnergy Holdings, LLC	0.16	736/318	25/449 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a
		Bayha, Patsy Sue	TriEnergy Holdings, LLC	0.16	736/301	25/449 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a
		Peterson, Hallie Lu	TriEnergy Holdings, LLC	0.16	738/541	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a

21	4-8-16	Lee, Lucretia	TriEnergy Holdings, LLC	0.16	742/29	26/123 TriEnergy Holdings, LLC to NPAR, LLC	26/201 NPAR, LLC to Chevron U.S.A. Inc.	n/a
		Boone, Della K.	TriEnergy Holdings, LLC	0.16	738/544	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Parsons, Dennis	TriEnergy Holdings, LLC	0.16	767/613	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Cline, Casper E. Dr.	TriEnergy Holdings, LLC	0.16	743/477	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Stromsland, Charlotte L.	TriEnergy Holdings, LLC	0.16	753/598	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
	Warner, Sandra Kay	TriEnergy Holdings, LLC	0.16	736/318	25/449 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a	
	Bayha, Patsy Sue	TriEnergy Holdings, LLC	0.16	736/301	25/449 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a	

22	4-5-54.1	Peterson, Hallie Lu	TriEnergy Holdings, LLC	0.16	738/541	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Lee, Lucretia	TriEnergy Holdings, LLC	0.16	742/29	26/123 TriEnergy Holdings, LLC to NPAR, LLC	26/201 NPAR, LLC to Chevron U.S.A. Inc.	n/a
		Boone, Della K.	TriEnergy Holdings, LLC	0.16	738/544	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Parsons, Dennis	TriEnergy Holdings, LLC	0.16	767/613	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Cline, Casper E. Dr.	TriEnergy Holdings, LLC	0.16	743/477	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Stromsland, Charlotte L.	TriEnergy Holdings, LLC	0.16	753/598	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Warner, Sandra Kay	TriEnergy Holdings, LLC	0.16	736/318	25/449 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a

24	4-5-54.3	Bayha, Patsy Sue	TriEnergy Holdings, LLC	0.16	736/301	25/449 TriEnergy Holdings, LLC to NPAR, LLC	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a
		Peterson, Hallie Lu	TriEnergy Holdings, LLC	0.16	738/541	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Lee, Lucretia	TriEnergy Holdings, LLC	0.16	742/29	26/123 TriEnergy Holdings, LLC to NPAR, LLC	26/201 NPAR, LLC to Chevron U.S.A. Inc.	n/a
		Boone, Della K.	TriEnergy Holdings, LLC	0.16	738/544	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Parsons, Dennis	TriEnergy Holdings, LLC	0.16	767/613	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Cline, Casper E. Dr.	TriEnergy Holdings, LLC	0.16	743/477	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Stromsland, Charlotte L.	TriEnergy Holdings, LLC	0.16	753/598	28/348 TriEnergy Holdings, LLC to Chevron U.S.A. Inc.	n/a	n/a
		Rackley, Lindsey E.	Chevron U.S.A. Inc.	0.14	784/435	n/a	n/a	n/a
		Hathaway, Eric et ux	Chevron U.S.A. Inc.	0.14	784/314	n/a	n/a	n/a

25	4-5-52	Hathaway, Erine	Chevron U.S.A. Inc.	0.14	784/304	n/a	n/a	n/a
		Rackley, Nancy D. et vir	Chevron U.S.A. Inc.	0.14	785/339	n/a	n/a	n/a
		Goble, Kimberly Hathaway et vir	Chevron U.S.A. Inc.	0.14	785/376	n/a	n/a	n/a
		Hathaway, Gary Lee et ux	Chevron U.S.A. Inc.	0.14	786/175	n/a	n/a	n/a
		Judith Kull TRST DTD 7/31/1985	Chevron U.S.A. Inc.	0.14	795/78	n/a	n/a	n/a
		Elizabeth G. Kull Rev TRST DTD 10/21/1997	Chevron U.S.A. Inc.	0.14	791/76	n/a	n/a	n/a
		Sedosky, Dorothy	Chesapeake Appalachia L.L.C.	0.17	705/93	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a
		Dakan, Gene et ux	Chesapeake Appalachia L.L.C.	0.17	705/425	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a
		Guzek, Dollye et vir	Chesapeake Appalachia L.L.C.	0.17	705/223	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a
		Rackley, Lindsey E.	Chevron U.S.A. Inc.	0.14	784/435	n/a	n/a	n/a
Hathaway, Eric et ux	Chevron U.S.A. Inc.	0.14	784/314	n/a	n/a	n/a		
Hathaway, Erine	Chevron U.S.A. Inc.	0.14	784/304	n/a	n/a	n/a		
Rackley, Nancy D. et vir	Chevron U.S.A. Inc.	0.14	785/339	n/a	n/a	n/a		
Goble, Kimberly Hathaway et vir	Chevron U.S.A. Inc.	0.14	785/376	n/a	n/a	n/a		
Hathaway, Gary Lee et ux	Chevron U.S.A. Inc.	0.14	786/175	n/a	n/a	n/a		
Judith Kull TRST DTD 7/31/1985	Chevron U.S.A. Inc.	0.14	795/78	n/a	n/a	n/a		
Elizabeth G. Kull Rev TRST DTD 10/21/1997	Chevron U.S.A. Inc.	0.14	791/76	n/a	n/a	n/a		

31	4-5-51	Sedosky, Dorothy	Chesapeake Appalachia L.L.C.	0.17	705/93	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a
		Dakan, Gene et ux	Chesapeake Appalachia L.L.C.	0.17	705/425	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a
		Guzek, Dollye et vir	Chesapeake Appalachia L.L.C.	0.17	705/223	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a
30	4-5-51.1	Rackley, Lindsey E.	Chevron U.S.A. Inc.	0.14	784/435	n/a	n/a	n/a
		Hathaway, Eric et ux	Chevron U.S.A. Inc.	0.14	784/314	n/a	n/a	n/a
		Hathaway, Erine	Chevron U.S.A. Inc.	0.14	784/304	n/a	n/a	n/a
		Rackley, Nancy D. et vir	Chevron U.S.A. Inc.	0.14	785/339	n/a	n/a	n/a
		Goble, Kimberly Hathaway et vir	Chevron U.S.A. Inc.	0.14	785/376	n/a	n/a	n/a
		Hathaway, Gary Lee et ux	Chevron U.S.A. Inc.	0.14	786/175	n/a	n/a	n/a
		Judith Kull TRST DTD 7/31/1985	Chevron U.S.A. Inc.	0.14	795/78	n/a	n/a	n/a
		Elizabeth G. Kull Rev TRST DTD 10/21/1997	Chevron U.S.A. Inc.	0.14	791/76	n/a	n/a	n/a
Sedosky, Dorothy	Chesapeake Appalachia L.L.C.	0.17	705/93	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a		

		Dakan, Gene et ux	Chesapeake Appalachia L.L.C.	0.17	705/425	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a
		Guzek, Dollye et vir	Chesapeake Appalachia L.L.C.	0.17	705/223	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a
33	4-5-50.4	Rackley, Lindsey E.	Chevron U.S.A. Inc.	0.14	784/435	n/a	n/a	n/a
		Hathaway, Eric et ux	Chevron U.S.A. Inc.	0.14	784/314	n/a	n/a	n/a
		Hathaway, Erine	Chevron U.S.A. Inc.	0.14	784/304	n/a	n/a	n/a
		Rackley, Nancy D. et vir	Chevron U.S.A. Inc.	0.14	785/339	n/a	n/a	n/a
		Goble, Kimberly Hathaway et vir	Chevron U.S.A. Inc.	0.14	785/376	n/a	n/a	n/a
		Hathaway, Gary Lee et ux	Chevron U.S.A. Inc.	0.14	786/175	n/a	n/a	n/a
		Judith Kull TRST DTD 7/31/1985	Chevron U.S.A. Inc.	0.14	795/78	n/a	n/a	n/a
		Elizabeth G. Kull Rev TRST DTD 10/21/1997	Chevron U.S.A. Inc.	0.14	791/76	n/a	n/a	n/a
		Sedosky, Dorothy	Chesapeake Appalachia L.L.C.	0.17	705/93	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a
		Dakan, Gene et ux	Chesapeake Appalachia L.L.C.	0.17	705/425	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a

		Guzek, Dollye et vir	Chesapeake Appalachia L.L.C.	0.17	705/223	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a
34	4-5-56	Conner, Howard E. et al	NPAR, LLC	0.18	700/155	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a	n/a
35	4-5-56.3	Shutler, Clement R. et ux	Chevron U.S.A. Inc.	0.18	837/395	n/a	n/a	n/a
36	4-5-56.2	Shutler, Clement R. et ux	Chevron U.S.A. Inc.	0.18	837/395	n/a	n/a	n/a
38	4-5-57.1	Weekly, Seth C. et ux	Chevron U.S.A. Inc.	0.18	863/640	n/a	n/a	n/a
37	4-5-60	Raper, Sidney L.	TH Exploration, LLC	0.18	876/70	36/168 TH Exploration , LLC to Chevron U.S.A. Inc.	n/a	n/a
40	4-5-59	Kulavik, Thomas et ux	TriEnergy Holdings, LLC	0.18	728/410	25/463 TriEnergy Holdings, LLC to NPAR, LLC	756/307 NPAR, LLC to Chevron, U.S.A. Inc.	n/a
39	4-5-58	Blake, Hilda M. by AIF	Chevron U.S.A. Inc.	0.16	772/494	n/a	n/a	n/a
47	4-5-25	Cofer, James et ux	Chevron U.S.A. Inc.	0.18	836/323	n/a	n/a	n/a
57	4-5-24	Cecil, Loren et al	NPAR, LLC	0.16	698/350	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a	n/a
64	4-5-21.2	Cecil, Loren et al	NPAR, LLC	0.16	698/350	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a	n/a

		Guzek, Dollye et vir	Chesapeake Appalachia L.L.C.	0.17	705/223	30/392 Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.	n/a	n/a
34	4-5-56	Conner, Howard E. et al	NPAR, LLC	0.18	700/155	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a	n/a
35	4-5-56.3	Shutler, Clement R. et ux	Chevron U.S.A. Inc.	0.18	837/395	n/a	n/a	n/a
36	4-5-56.2	Shutler, Clement R. et ux	Chevron U.S.A. Inc.	0.18	837/395	n/a	n/a	n/a
38	4-5-57.1	Weekly, Seth C. et ux	Chevron U.S.A. Inc.	0.18	863/640	n/a	n/a	n/a
37	4-5-60	Raper, Sidney L.	TH Exploration, LLC	0.18	876/70	36/168 TH Exploration , LLC to Chevron U.S.A. Inc.	n/a	n/a
40	4-5-59	Kulavik, Thomas et ux	TriEnergy Holdings, LLC	0.18	728/410	25/463 TriEnergy Holdings, LLC to NPAR, LLC	756/307 NPAR, LLC to Chevron, U.S.A. Inc.	n/a
39	4-5-58	Blake, Hilda M. by AIF	Chevron U.S.A. Inc.	0.16	772/494	n/a	n/a	n/a
47	4-5-25	Cofer, James et ux	Chevron U.S.A. Inc.	0.18	836/323	n/a	n/a	n/a
57	4-5-24	Cecil, Loren et al	NPAR, LLC	0.16	698/350	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a	n/a
64	4-5-21.2	Cecil, Loren et al	NPAR, LLC	0.16	698/350	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a	n/a

67	4-5-21	Cecil, Loren et al	NPAR, LLC	0.16	698/350	756/332 NPAR, LLC to Chevron U.S.A. Inc.	n/a	n/a



Madeline Fitzgerald
Land Representative

November 20, 2017

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

RE: Hicks 11H, 12H, 13H, 14H

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,

A handwritten signature in blue ink that reads "Madeline Fitzgerald".

Madeline Fitzgerald
Land Representative

Appalachian Mountain Business Unit
Chevron North America Exploration and Production Company
A Division of Chevron U.S.A. Inc.
700 Chemington Parkway, Coraopolis, PA 15108
Tel 412 865 1584 Mobile 719 859 0110
MadelineFitzgerald@chevron.com

RECEIVED
Office of Oil and Gas

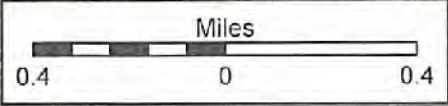
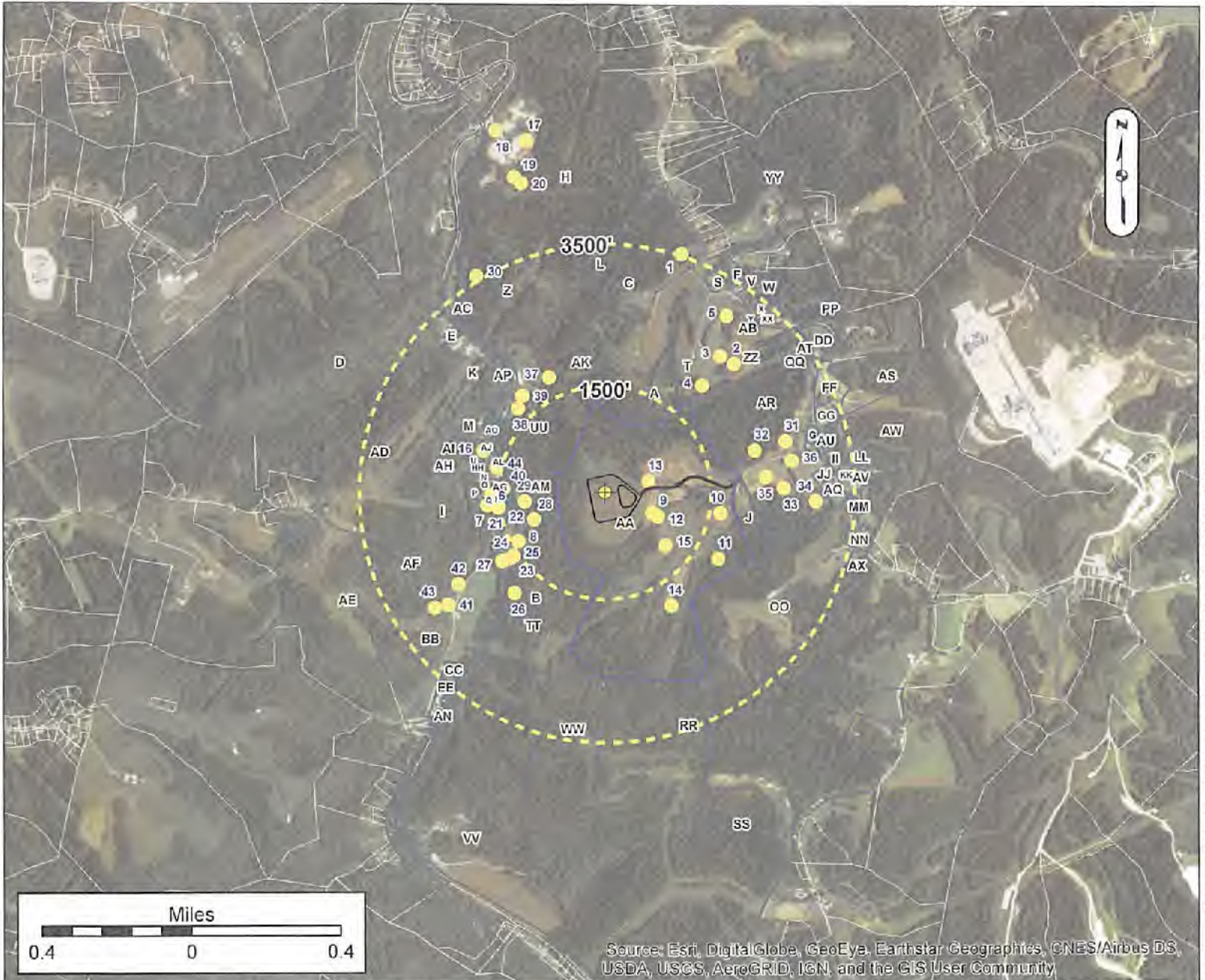
JAN 5 2018

WV Department of
Environmental Protection



WATER SUPPLY EXHIBIT HICKS PAD

51-02001



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

LOT OWNERS

Label	OWNER	TM	Label	OWNER	TM	Label	OWNER	TM	Label	OWNER	TM
A	SMITH H, LESLIE B & LUCY	25-04 809880000000	D	CLAYTON RALPH, ET UX	25-04 800150000000	OG	SCHULMAN QUEBRY J & SIFIANAF K	25-04 300020000000	WW	FOSTER EDWARD B ET UX ESTS	25-04 10000200000000
B	RON T SIDNEY P ET UX	25-04 800880000000	R	POND SIDNEY P & VICKI L	25-04 800250000000	JIH	WIMER VAL ANDREW T ET UX	25-04 300250000000	XX	FEINER ILLIUBERT V ET UX	25-04 804800000000
C	ADAMS JASON S & DAWN K	25-04 400750000000	S	BICHEY ROBERT L ET AL	25-04 400200000000	II	LOSH ROGER W & JUDY E	25-04 300020000000	YY	DLH JOHN W, B ET UX	25-04 400800000000
D	MERCE CHARLES W JR & JUDY	25-04 800180000000	T	CHAMBERS MONTE J ET UX	25-04 800380000000	LI	MENY MYVALE E, LIFE	25-04 300020000000	ZZ	SHARPER JEFFREY S & MONTE	25-04 400800000000
E	CLARKE PAUL ANN	25-04 800880000000	U	LITMAN R & JANEY E JR ET UX	25-04 800750000000	IK	RODMAN MARYNA F & JAMES E	25-04 800070000000	AA	CARPENTER DONALD T ET UX	25-04 800800000000
F	LITMAN HARRY LEON ET UX	25-04 400220000000	V	KIDD JAMES E ET UX	25-04 400200000000	LI	WINDY CAROL LYNN ET UX	25-04 300020000000	AL	CONSOLIDATION COAL COMPANY	25-04 800800000000
G	HICKS THOMAS	25-04 900020000000	W	TRETT JASON L & TRICIA L	25-04 400250000000	NM	LYONS CHRISTINA S	25-04 900050000000	AM	ASTON HARRY W & LINDA M ET UX	25-04 800170000000
H	MOUNTAIN ENTERPRISES LLC	25-04 400300000000	X	STERN JAMES MARTIN ET UX	25-04 400280000000	NV	WILLIS ROBERT D ET UX	25-04 300100000000	AN	DOHAR FAMILY TRUST	25-04 800800000000
I	LITMAN RICHARD T SR	25-04 800230000000	F	CARPENTER DONALD T JR	25-04 400250000000	UG	RODRIGAN JAMES R ET UX	25-04 300100000000	AO	WILLIAMS MABEL ELWINA	25-04 800800000000
J	HICKS LUCILLE E	25-04 800370000000	Z	RICHMOND JANEY ELOW ST	25-04 400250000000	PF	FERRILL ROBERT V ET UX	25-04 400050000000	AP	POND SIDNEY P & VICKIE L	25-04 800220000000
K	MORRIS DONNIE ET UX	25-04 800850000000	AA	HICKS THOMAS E	25-04 800170000000	OG	BOGARY RUBY LAVERN ET AL, LIFE	25-04 500070000000	AQ	LITMAN RICHARD T SR	25-04 800250000000
L	SONEHOFF JOSEPH	25-04 400210000000	BB	WILLIAMS MABEL ELWINA	25-04 800120000000	RK	FOSTER EDWARD B ET UX ESTS	25-04 10002000000000	AR	LITMAN RICHARD T SR	25-04 800800000000
M	THOMAS DENVER D ET UX	25-04 800260000000	CC	LITMAN RICHARD T SR	25-04 800120000000	SS	WAGNER DENNIS D ET UX	25-04 10002000000000	AS	LITMAN RICHARD T SR	25-04 800120000000
N	AMBLER RICHARD F & JAMIE L	25-04 800190000000	DD	BLACK ROBT M ET UX	25-04 900170000000	TT	GARRY ILLIE LAVREN	25-04 800120000000	AT	SCHEIDT LUCIE E & DON D	25-04 800240000000
O	TAGG BENJAMIN B	25-04 800270000000	EE	ALLMAN MICHAEL RAY	25-04 800120000000	UU	STERN ROYALD ELWOOD ET UX	25-04 800250000000	AV	LITMAN RICHARD T SR	25-04 800250000000
P	CLAYTON RALPH ET UX	25-04 800880000000	FF	BENEFITMAN JASON C & CHRISTINA M	25-04 800020000000	VV	MOUNDSVILLE CITY OF	25-04 10002000000000	AW	POND SIDNEY P & VICKIE L	25-04 800850000000

RECEIVED
Office of Oil and Gas

Surface Owner: THOMAS E. HICKS

County: MARSHALL JAN 5 2018

Oil/Gas Owner: THOMAS E. HICKS

Township: MOUNDSVILLE, WV WV Department of
GROUNDWATER & ENVIRONMENTAL Protection

Well Operator: CHEVRON APPALACHIA, LLC

Surveyor: SERVICES, INC.

Address: 700 CHERRINGTON PARKWAY
CORAOPOLIS, PA 15108

Address: 301 COMMERCE PARK DR
CRANBERRY TOWNSHIP, PA 16066

Phone: 724-564-3700

Phone: 800-267-2549

NOTICE: THE INTENT OF THIS EXHIBIT IS TO IDENTIFY EXISTING WATER SUPPLIES IN THE VICINITY OF A PROPOSED GAS WELL, AND IS NOT A COMPLETE BOUNDARY SURVEY. PROPERTY LINES AND OWNER INFORMATION WERE OBTAINED FROM DEEDS, TAX RECORDS, AERIAL PHOTOGRAPHY, GIS, AND FIELD SURVEYED EVIDENCE.

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

Date of Notice Certification: 11/28/17

API No. 47- _____ - _____
Operator's Well No. U11H
Well Pad Name: Hicks

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State: <u>West Virginia</u>	UTM NAD 83	Easting: <u>524102.873</u>
County: <u>Marshall</u>		Northing: <u>4413550.355</u>
District: <u>Clay</u>	Public Road Access: <u>Fork Ridge Road/WW-17</u>	
Quadrangle: <u>Glen Easton, WV 7.5'</u>	Generally used farm name: <u>Hicks</u>	
Watershed: <u>Middle Grave Creek-Grave Creek</u>		

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:

*PLEASE CHECK ALL THAT APPLY

- 1. NOTICE OF SEISMIC ACTIVITY or NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED
- 2. NOTICE OF ENTRY FOR PLAT SURVEY or NO PLAT SURVEY WAS CONDUCTED
- 3. NOTICE OF INTENT TO DRILL or NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)
- 4. NOTICE OF PLANNED OPERATION
- 5. PUBLIC NOTICE
- 6. NOTICE OF APPLICATION

OOG OFFICE USE ONLY

- RECEIVED/ NOT REQUIRED
- RECEIVED
- RECEIVED/ NOT REQUIRED
- RECEIVED
- RECEIVED
- RECEIVED

RECEIVED
Office of Oil and Gas

JAN 5 2018

WV Department of Environmental Protection

Required Attachments:

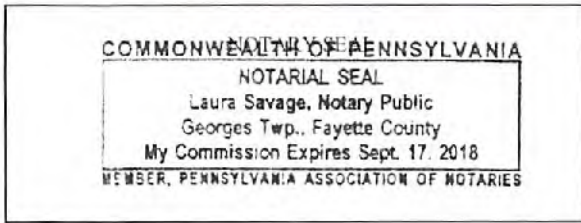
The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication 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.

Certification of Notice is hereby given:

THEREFORE, I Jenny Hayes, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, 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 and imprisonment.

Well Operator: Chevron Appalachia, LLC
By: Jenny Hayes
Its: Permitting Team Lead
Telephone: 412-865-1533

Address: 700 Cherrington Parkway
Corapolis, PA 15108
Facsimile: 412-865-2403
Email: jzyk@chevron.com



Subscribed and sworn before me this 3rd day of January, 2018.
Laura Savage Notary Public
My Commission Expires September 17, 2018

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.

RECEIVED
Office of Oil and Gas

JAN 5 2018

WV Department of
Environmental Protection

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

Date of Notice: 11/28/2017 Date Permit Application Filed: 1/4/18

Notice of:

- PERMIT FOR ANY WELL WORK
- CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") 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.

Application Notice WSSP Notice E&S Plan Notice Well Plat Notice is hereby provided to:

SURFACE OWNER(s)
 Name: Thomas E. Hicks
 Address: 353 Arbor Lane
Moundsville, WV 26041
 Name: _____
 Address: _____

COAL OWNER OR LESSEE
 Name: Consol Mining Company, LLC
 Address: 1000 Consol Energy Drive
Canonsburg, PA 15317

COAL OPERATOR
 Name: Murray Energy
 Address: 46226 National Road
St. Clairsville, OH 43950

SURFACE OWNER(s) (Road and/or Other Disturbance)
 Name: Jeffrey Ryan
 Address: 141 Clover Lane
Moundsville, WV 26041
 Name: _____
 Address: _____

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
 Name: see attached
 Address: _____

SURFACE OWNER(s) (Impoundments or Pits)
 Name: _____
 Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD
 Name: _____
 Address: _____

RECEIVED
Office of Oil and Gas

JAN 5 2018

WV Department of Environmental Protection

*Please attach additional forms if necessary

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.

RECEIVED
Office of Oil and Gas
JAN 5 2018

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 sedimentation plan required by section seven of this article; and (3) the well plat.

WV Department of
Environmental Protection

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 qualified to test water supplies in accordance with standard acceptable methods.

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

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing 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

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 application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the 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

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection

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.**

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.

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection

Notice is hereby given by:

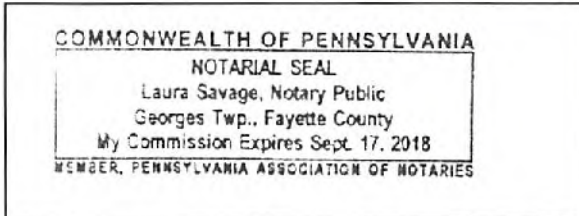
Well Operator: Chevron Appalachia, LLC
Telephone: 412-865-1533
Email: jzyk@chevron.com

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

Jenny Hays

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.



Subscribed and sworn before me this 28 day of November, 2017.

Laura Savage Notary Public

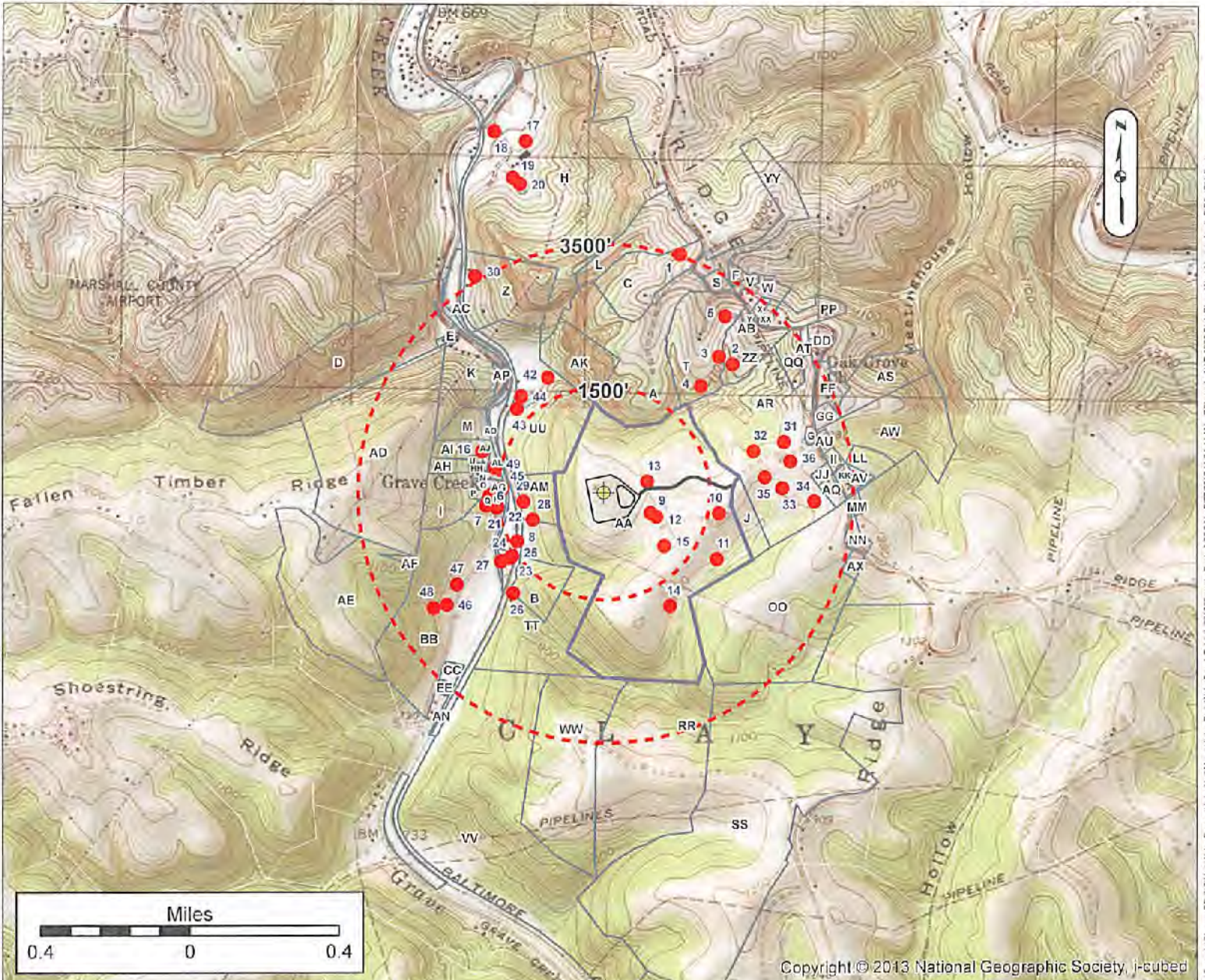
My Commission Expires September 17, 2018

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection



WATER SUPPLY EXHIBIT HICKS PAD

4705102001



LOT OWNERS

Label	OWNER	TAX	Label	OWNER	TAX	Label	OWNER	TAX	Label	OWNER	TAX			
A	SCHABER LESLIE B & LORI	25-04 803800000000	Q	CLAYTON RALPH ET UX	75-04 807150000000	Q4	SCHUBERT MARY J & SUZANNE R	75-04 800070000000	W4	OSTER FREDWARD B ET UX ET S	25-04 10002000000000	AN	CONSOLIDATION COAL COMPANY	25-04 803800000000
B	POND MONYVE ET UX	25-04 800800000000	R	POND SIDNEY P & VICKI L	25-04 800150000000	Q3	WIMER WAL ANDREW ET UX	25-04 800290000000	W8	FERRELL ROBERT V ET UX	25-04 800300000000	AD		25-04 803900000000
C	ADKINS IRON E & DAWN B	25-04 400750000000	S	RICHIE ROBERT ET AL	25-04 400350000000	Q5	LOSH RIGGS W & TUDY E	25-04 300070000000	W9	OLSH RICH W III ET UX	25-04 800580000000	AP		25-04 803900000000
D	MENCK CHARLES W JR & JUDY	25-04 800400000000	T	CHAMBERS MONTE J ET UX	25-04 800380000000	Q7	HENRY BONHUE L ET UX	25-04 800520000000	ZZ	CHAMBERS JELINDA & MONTE	25-04 800590000000	AP3	HENRY MONTE J - JR	25-04 803900000000
E	CLARK PATRYN ANN	25-04 800160000000	U	STONER RICHARD F JR ET UX	25-04 400760000000	Q8	WILSON MARY S & JAMES H	25-04 400570000000	Q6	FAWCETT ROYALD T ET UX	25-04 800580000000	AP	RYAN JEFFREY L	25-04 800210000000
F	LITTLETON HARRY LEROY ET UX	25-04 400580000000	V	KIDD JAMES E ET UX	25-04 400580000000	Q9	WINDS CAROL LYNN ET UX	25-04 400580000000	AC	CONSOLIDATION COAL COMPANY	25-04 800210000000	AP	SCHWABER KATHRYN J & SUZANNE B	25-04 800210000000
G	HICKS THOMAS E	25-04 800210000000	W	TRIPLETT JASON L & TRICIA L	25-04 400580000000	Q6	LYDYS CHRISTINA S	25-04 800090000000	AD	ASTON HENRY W & LINDA M ET UX	25-04 800700000000	AP	RYAN JEFFREY L	25-04 800210000000
H	MONUMENTER ENTERPRISES LLC	25-04 400400000000	X	STERN JAMES & MARTIN ET UX	25-04 400580000000	Q4	WILTRICH ROBERT ET UX	25-04 800190000000	AN	BONLAR FAYE V IRREVOCABLE TR	25-04 800800000000	AP	LOSH ROBERT V	25-04 800210000000
I	LITMAN RICHARD C SR	25-04 800710000000	Y	CARPENTER DONALD T JR	25-04 400580000000	Q3	BUCHANAN JAMES R ET UX	25-04 800110000000	AP	WILLIAMS MABEL LUANITA	25-04 800390000000	AW	KOONCE JAMES W	25-04 800210000000
J	HICKS LUCILE E	25-04 800300000000	Z	RICHMOND JANET ELOW ST	25-04 400280000000	Q9	FERRELL ROBERT V ET UX	25-04 800090000000	AG	POND SIDNEY P & VICKI L	25-04 800300000000	AW	SCHWABER KATHRYN J & SUZANNE B	25-04 800210000000
K	MORRIS CONNIE ET UX	25-04 800400000000	AA	HICKS THOMAS E	25-04 800210000000	Q7	MCGRARY RILEY AVIRNE ET AL LIFE	25-04 800070000000	AN	LITMAN RICHARD C SR	25-04 800210000000	AW	BUCKNER MARY S ET UX	25-04 800210000000
L	COINC-OTI JOSHUA	25-04 400570000000	BB	WILLIAMS MABEL LUANITA	25-04 800390000000	Q8	OSTER EDWARD B ET UX ET S	25-04 10002000000000	AN	LITMAN RICHARD C SR	25-04 800400000000	AW		25-04 800400000000
M	THOMAS DENVER G ET UX	25-04 800190000000	CC	SARTON JANE C JY	25-04 800130000000	Q5	WILSON MARY S ET UX	25-04 10002000000000	AN	LEWIS RICHARD EARLE JR	25-04 800190000000	AW		25-04 800190000000
N	WHITLATCH RICHARD P & JAMIE L	25-04 800190000000	DD	PAK CHONG LEE ET UX	25-04 800170000000	Q7	WARRY III B IVERN	25-04 800160000000	AN	KHAFER ET UX B & TRIN B	25-04 800340000000	AW		25-04 800340000000
O	FACCO GENETH B	25-04 800270000000	EE	ALLEMAN MICHAEL RAY	25-04 800230000000	Q5	STERN RONALD L WOOD ET UX	25-04 800190000000	AL	LITMAN RICHARD C SR	25-04 800340000000	AW		25-04 800340000000
P	CRAYTON RALPH ET UX	25-04 800400000000	FF	HENDERSON BRUCE C & CHRISTINA M	25-04 900020000000	Q4	FOUNDATIONS CITY OF	25-04 10007100000000	AN	POND SIDNEY P & VICKI L	25-04 800300000000	AW		25-04 800300000000

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
Surveyor: SERVICES, INC.

Address: 301 COMMERCE PARK DR

CRANBERRY TOWNSHIP, PA 16066

Phone: 800-267-2549

NOTICE: THE INTENT OF THIS EXHIBIT IS TO IDENTIFY EXISTING WATER SUPPLIES IN THE VICINITY OF A PROPOSED GAS WELL, AND IS NOT A COMPLETE BOUNDARY SURVEY. PROPERTY LINES AND OWNER INFORMATION WERE OBTAINED FROM DEEDS, TAX RECORDS, AERIAL PHOTOGRAPHY, GIS, AND FIELD SURVEYED EVIDENCE.

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of Environmental Protection



WATER SUPPLY EXHIBIT
HICKS PAD



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	GAREY LILLIE LAVERN	Well	539	798 Big Grave Creek Road	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	U11H	U12H	U13H	U14H	M08H	M09H	M10H	M20H	M21H
1	39°52'51.56400"N 80°42'52.07400"W	3,525	3,512	3,499	3,485	3,564	3,551	3,538	3,536	3,550
2	39°52'36.41880"N 80°42'42.33960"W	2,569	2,560	2,552	2,544	2,593	2,585	2,576	2,560	2,568
3	39°52'37.48800"N 80°42'44.78400"W	2,522	2,512	2,503	2,493	2,549	2,540	2,530	2,516	2,526
4	39°52'33.37320"N 80°42'48.02040"W	2,041	2,032	2,023	2,014	2,068	2,059	2,049	2,034	2,044
5	39°52'43.06080"N 80°42'43.80120"W	3,020	3,009	3,000	2,989	3,051	3,041	3,030	3,019	3,030
6	39°52'17.70240"N 80°43'26.01840"W	1,612	1,609	1,607	1,604	1,620	1,617	1,614	1,647	1,650
7	39°52'16.34520"N 80°43'26.69160"W	1,675	1,673	1,672	1,671	1,679	1,678	1,676	1,708	1,710
8	39°52'11.42040"N 80°43'20.97120"W	1,401	1,406	1,410	1,416	1,388	1,392	1,397	1,421	1,417
9	39°52'15.61800"N 80°42'56.81880"W	719	728	737	746	695	703	711	678	669
10	39°52'15.67920"N 80°42'44.41320"W	1,656	1,661	1,667	1,673	1,640	1,645	1,650	1,617	1,611
11	39°52'09.33240"N 80°42'44.70120"W	1,849	1,859	1,869	1,880	1,820	1,829	1,839	1,807	1,797
12	39°52'15.11040"N 80°42'55.73160"W	817	826	835	844	793	800	809	776	767
13	39°52'19.97760"N 80°42'57.50640"W	637	636	636	636	641	640	638	609	611
14	39°52'02.75520"N 80°42'53.05680"W	1,842	1,856	1,870	1,885	1,800	1,813	1,828	1,804	1,789
15	39°52'11.07840"N 80°42'54.26280"W	1,132	1,144	1,156	1,169	1,097	1,109	1,121	1,109	1,109

RECEIVED
Office of Operations and Governance

JAN 5 2018

WV Department of
Environmental Protection

*WATER SOURCE PREVIOUSLY LOCATED IN 2016.



WATER SUPPLY EXHIBIT
HICKS PAD



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 & VICKIE L	Well	733	3331 Big Grave Creek	304-845-6520
24	POND SIDNEY P ET UX	Well	733	3331 Big Grave Creek	304-845-6520
25	POND SIDNEY P ET UX	Stream	729	3331 Big Grave Creek	304-845-6520
26	POND SIDNEY P ET UX	Stream	734	3331 Big Grave Creek	304-845-6520
27	POND SIDNEY P ET UX	Stream	716	3331 Big Grave Creek	304-845-6520
28	POND VICKIE L & SIDNEY P	Spring	716	3331 Big Grave Creek	304-845-6520
29	POND VICKIE L & SIDNEY P	Spring	725	3331 Big Grave Creek	304-845-6520
30	RICHMOND, LESTER A.	Spring	713	350 Falls Creek Lane	304-231-7656

No.	SUPPLY COORDINATES	U11H	U12H	U13H	U14H	M08H	M09H	M10H	M20H	M21H
16	39°52'23.84760"N 80°43'27.50880"W	1,817	1,809	1,801	1,794	1,839	1,832	1,824	1,857	1,865
17	39°53'05.90360"N 80°43'20.49600"W	5,062	5,046	5,031	5,016	5,106	5,091	5,076	5,091	5,107
18	39°53'08.20680"N 80°43'26.22000"W	5,309	5,294	5,279	5,264	5,353	5,339	5,323	5,341	5,357
19	39°53'01.81320"N 80°43'22.71360"W	4,610	4,594	4,580	4,564	4,654	4,639	4,624	4,642	4,657
20	39°53'00.99240"N 80°43'21.41040"W	4,501	4,486	4,471	4,455	4,545	4,531	4,515	4,532	4,548
21	39°52'16.07880"N 80°43'24.79080"W	1,531	1,530	1,529	1,529	1,535	1,533	1,532	1,563	1,565
22	39°52'16.09880"N 80°43'24.59280"W	1,516	1,515	1,514	1,513	1,519	1,518	1,517	1,548	1,549
23	39°52'09.12000"N 80°43'22.12680"W	1,602	1,609	1,614	1,621	1,585	1,591	1,597	1,619	1,614
24	39°52'09.12000"N 80°43'22.12680"W	1,602	1,609	1,614	1,621	1,585	1,591	1,597	1,619	1,614
25	39°52'09.37560"N 80°43'21.80280"W	1,567	1,573	1,579	1,585	1,550	1,555	1,562	1,584	1,578
26	39°52'04.21680"N 80°43'21.55080"W	1,902	1,912	1,920	1,930	1,876	1,885	1,894	1,910	1,901
27	39°52'08.58720"N 80°43'23.84040"W	1,743	1,749	1,754	1,761	1,727	1,732	1,738	1,760	1,755
28	39°52'14.48400"N 80°43'18.15960"W	1,069	1,072	1,074	1,077	1,063	1,065	1,067	1,095	1,093
29	39°52'16.92840"N 80°43'19.92720"W	1,144	1,143	1,141	1,141	1,149	1,147	1,145	1,177	1,179
30	39°52'48.08280"N 80°43'29.22960"W	3,545	3,530	3,516	3,502	3,587	3,573	3,558	3,582	3,597

JAN 5 2018

WV Department of
Environmental Protection

*WATER SOURCE PREVIOUSLY LOCATED IN 2016.



WATER SUPPLY EXHIBIT
HICKS PAD



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	U11H	U12H	U13H	U14H	M08H	M09H	M10H	M20H	M21H
31	39°52'25.74120"N 80°42'32.81040"W	2,649	2,648	2,647	2,646	2,653	2,652	2,650	2,622	2,623
32	39°52'24.38040"N 80°42'38.32920"W	2,198	2,196	2,196	2,195	2,201	2,200	2,199	2,170	2,171
33	39°52'19.25400"N 80°42'32.95440"W	2,530	2,533	2,536	2,538	2,523	2,525	2,528	2,496	2,493
34	39°52'17.52240"N 80°42'27.14760"W	2,982	2,986	2,989	2,993	2,972	2,975	2,979	2,946	2,942
35	39°52'20.74440"N 80°42'36.21240"W	2,288	2,289	2,291	2,293	2,284	2,285	2,286	2,255	2,253
36	39°52'23.03040"N 80°42'31.56120"W	2,680	2,681	2,682	2,682	2,679	2,680	2,680	2,649	2,649
37	39°52'34.17960"N 80°43'15.74760"W	1,802	1,787	1,772	1,757	1,845	1,831	1,816	1,838	1,853
38	39°52'29.81640"N 80°43'21.30600"W	1,706	1,693	1,681	1,668	1,742	1,730	1,717	1,747	1,760
39	39°52'31.56960"N 80°43'20.56800"W	1,793	1,780	1,767	1,753	1,832	1,819	1,806	1,833	1,847
40	39°52'18.70320"N 80°43'23.80080"W	1,438	1,435	1,431	1,428	1,449	1,446	1,442	1,475	1,479
41	39°52'02.46720"N 80°43'33.52080"W	2,717	2,724	2,729	2,736	2,699	2,705	2,712	2,733	2,727
42	39°52'05.32560"N 80°43'31.72080"W	2,438	2,444	2,449	2,454	2,423	2,428	2,433	2,456	2,451
43	39°52'02.01720"N 80°43'35.95440"W	2,898	2,905	2,910	2,916	2,882	2,887	2,893	2,915	2,910
44	39°52'21.57240"N 80°43'25.11480"W	1,576	1,570	1,563	1,558	1,595	1,588	1,582	1,615	1,622

RECEIVED
Office of Oil and Gas

JAN 5 2018

WV Department of
Environmental Protection

*WATER SOURCE PREVIOUSLY LOCATED IN 2016.

Notice of Application - Attachment - Hicks Utica

API No. 47- _____ - _____

OPERATOR WELL NO. U11HWell Pad Name: Hicks

- COAL OWNER OR LESSEE**
Name: Christa Dawn Hicks ✓
Address: 65 Clover Lane
Moundsville, WV 26041
- COAL OWNER OR LESSEE**
Name: Leslie Mae Hicks ✓
Address: 1611 Skye Drive
Chapel Hill, NC 27516
- SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR**
Name: Lillie Lavern Garey (deceased March 20, 2017) ✓
Address: 798 Big Grave Creek Road
Moundsville, WV 26041
- SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR**
Name: Vickie L. & Sidney P. Pond ✓
Address: 3331 Big Grave Road
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

RECEIVED
Office of Oil and Gas

JAN 5 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 Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application.

Date of Notice: 11/28/2017 **Date Permit Application Filed:** 1/4/18

Delivery method pursuant to West Virginia Code § 22-6A-16(b)

HAND DELIVERY CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand-delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided*, That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however*, That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

Notice is hereby provided to the SURFACE OWNER(s):

Name: Thomas E. Hicks
Address: 363 Arbor Lane
Moundsville, WV 26041

Name: Jeffrey L. Ryan
Address: 141 Clover Lane
Moundsville, WV 26041

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>524102.873</u>
County:	<u>Marshall</u>		Northing:	<u>4413560.356</u>
District:	<u>Clay</u>	Public Road Access:	<u>Fork Ridge Road/WW-17</u>	
Quadrangle:	<u>Glen Easton, 7.5'</u>	Generally used farm name:	<u>Hicks</u>	
Watershed:	<u>Middle Grave Creek - Grave Creek</u>			

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Chevron Appalachia, LLC
Address: 700 Cherrington Parkway
Coraopolis, PA 15108
Telephone: 412-865-1533
Email: jzyk@chevron.com
Facsimile: 412-865-2403

Authorized Representative: _____
Address: _____
Telephone: _____
Email: _____
Facsimile: _____

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection

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.

51-03001

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

Date of Notice: 11/01/2017 Date Permit Application Filed: 1/4/18

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

CERTIFIED MAIL RETURN RECEIPT REQUESTED HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Thomas E. Hicks
Address: 353 Arbor Lane
Moundsville, WV 26041

Name: Jeffrey L. Ryan
Address: 141 Clover Lane
Moundsville, WV 26041

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia Easting: 524102.873
County: Marshall UTM NAD 83 Northing: 4413560.356
District: Clay Public Road Access: Fork Ridge Road/WW-17
Quadrangle: Glen Easton, 7.5' Generally used farm name: Hicks
Watershed: Middle Grave Creek - Grava Creek

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by W. Va. Code § 22-6A-10(b) to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Chevron Appalachia, LLC
Telephone: 412-865-1533
Email: jzyk@chevron.com

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.

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection

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

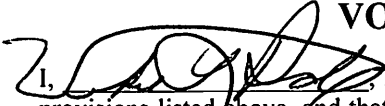
The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface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



I, Vickie L. Pond hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through _____, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83 Easting:	<u>524102.873</u>
County:	<u>Marshall</u>	UTM NAD 83 Northing:	<u>4413560.356</u>
District:	<u>Clay</u>	Public Road Access:	<u>Fork Ridge Road/WW-17</u>
Quadrangle:	<u>Glen Easton, WV 7.5'</u>	Generally used farm name:	<u>Hicks</u>
Watershed:	<u>Middle Grave Creek-Grave Creek</u>		

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

- *Please check the box that applies
- SURFACE OWNER
 - SURFACE OWNER (Road and/or Other Disturbance)
 - SURFACE OWNER (Impoundments/Pits)
 - COAL OWNER OR LESSEE
 - COAL OPERATOR
 - WATER PURVEYOR
 - OPERATOR OF ANY NATURAL GAS STORAGE FIELD

FOR EXECUTION BY A NATURAL PERSON

Signature: Vickie L. Pond
Print Name: Vickie L. Pond
Date: 12-2-17

FOR EXECUTION BY A CORPORATION, ETC.

Company: _____
By: _____
Its: _____

Signature: _____
Date: _____

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection

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

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

I, Sidney Pond hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through _____, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83 Easting:	<u>524102.873</u>
County:	<u>Marshall</u>	UTM NAD 83 Northing:	<u>4413560.356</u>
District:	<u>Clay</u>	Public Road Access:	<u>Fork Ridge Road/WW-17</u>
Quadrangle:	<u>Glen Easton, WV 7.5'</u>	Generally used farm name:	<u>Hicks</u>
Watershed:	<u>Middle Grave Creek-Grave Creek</u>		

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

- *Please check the box that applies
- SURFACE OWNER
 - SURFACE OWNER (Road and/or Other Disturbance)
 - SURFACE OWNER (Impoundments/Pits)
 - COAL OWNER OR LESSEE
 - COAL OPERATOR
 - WATER PURVEYOR
 - OPERATOR OF ANY NATURAL GAS STORAGE FIELD

FOR EXECUTION BY A NATURAL PERSON

Signature: [Signature]
Print Name: Sidney Pond / Vickie L Pond
Date: 12-2-17

FOR EXECUTION BY A CORPORATION, ETC.

Company: _____
By: _____
Its: _____
Signature: _____
Date: _____

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection

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

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

I, Kenneth B. Tagg, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through 12, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83 Easting:	<u>524102.873</u>
County:	<u>Marshall</u>	UTM NAD 83 Northing:	<u>4413560.356</u>
District:	<u>Clay</u>	Public Road Access:	<u>Fork Ridge Road/WW-17</u>
Quadrangle:	<u>Glen Easton, WV 7.5'</u>	Generally used farm name:	<u>Hicks</u>
Watershed:	<u>Middle Grave Creek-Grave Creek</u>		

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

- *Please check the box that applies
- SURFACE OWNER
 - SURFACE OWNER (Road and/or Other Disturbance)
 - SURFACE OWNER (Impoundments/Pits)
 - COAL OWNER OR LESSEE
 - COAL OPERATOR
 - WATER PURVEYOR
 - OPERATOR OF ANY NATURAL GAS STORAGE FIELD

FOR EXECUTION BY A NATURAL PERSON

Signature: Kenneth B. Tagg
Print Name: KENNETH B. TAGG
Date: 12-4-17

FOR EXECUTION BY A CORPORATION, ETC.

Company: _____
By: _____
Its: _____

Signature: _____
Date: _____

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection

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.



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

Jim Justice
Governor

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

November 16, 2017

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 A U11H

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,

Gary K. Clayton, P.E.
Regional Maintenance Engineer
Central Office Oil & Gas Coordinator

Cc: Mandy Fordyce
Chevron Appalachia, LLC
CH, OM, D-6
File

RECEIVED
Office of Oil and Gas
JAN 5 2018
WV Department of
Environmental Protection

Section VI - Hydraulic Fracturing Fluid Product Component Information Disclosure

Fracture Date:	
State:	WV
County:	Marshall
API Number:	047-51-XXXX
Operator Name:	Chevron
Well Pad Name:	Hicks
Longitude:	39 872100
Latitude:	80 711875
Long/Lat Projection:	NAD 83
Production Type:	
True Vertical Depth (TVD):	
Total Water Volume (gal)*:	116001,000

Hydraulic Fracturing Fluid Additives:

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Comments
Corrosion Inhibitor A264	Schlumberger	Corrosion Inhibitor	Methanol/Aliphatic Acids/Prop-2-yn-1-ol/Aliphatic Alcohols, ethoxylated #1	Mixture	
28% HCl Acid	Schlumberger	Used to open perms	Hydrochloric Acid	7647-01-0	
Breaker J134	Schlumberger	Gel Breaker	Hemicellulase Enzyme	9012-54-8	
Water Gelling Agent J58D	Schlumberger	Water Viscosifier	Carbohydrate Polymer	Proprietary	
Friction Reducer J609	Schlumberger	Friction Reducer	Ammonium Sulfate	7783-23-2	
Iron Stabilizer L58	Schlumberger	Iron Stabilizer	Sodium Erythorbate	6381-77-7	
EC6116A	Nalco	Biocide	Dibromoacetone/nitro/2,2-Dibromo-3-nitropropionamide/Polyethylene Glycol	Mixture	
EC6486A Scale Inhibitor	Nalco	Scale Inhibitor	Amine Triphosphate/Ethylene Glycol	Mixture	
NALCO EC6673W	Nalco	Iron Control	Ethylene Glycol	107-21-1	
8012-3050	Schlumberger	Proppant	Crystalline Silica	14808-60-7	
8012-4070	Schlumberger	Proppant	Crystalline Silica	14808-60-7	

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS are subject to 29 CFR 1910.1200(i) and Appendix D.

RECEIVED
 Office of Oil and Gas
 JAN 5 2018
 WV Department of
 Environmental Protection

4705102001