west virginia department of environmental protection

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

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

September 03, 2015

WELL WORK PERMIT

Horizontal 6A Well

This permit, API Well Number: 47-5101848, issued to CHEVRON APPALACHIA, LLC, 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 all 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 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: 10H
Farm Name: COX, MARK K.
API Well Number: 47-5101848
Permit Type: Horizontal 6A Well
Date Issued: 09/03/2015

API Number: 051-01848

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. 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.

8. 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.

9. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

WW-6B
(10/14)

API NO. 47- 051 01848
OPERATOR WELL NO. 10H
Well Pad Name: Cox

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	Cameron	Glen Easton, WV
		Operator ID	County	District	Quadrangle

2) Operator's Well Number: 10H Well Pad Name: Cox

3) Farm Name/Surface Owner: Mark K. Cox Public Road Access: CR 17 Fork Ridge Rd

4) Elevation, current ground: 1252' Elevation, proposed post-construction: 1248'

5) Well Type (a) Gas X Oil _____ Underground Storage _____
Other _____
(b)If Gas Shallow X Deep _____
Horizontal X

JK 4/23/15

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Associated Pressure(s):
Marcellus, 6,590' GL, Thickness: 50' / Pressure Gradient: 0.64 psi/ft

8) Proposed Total Vertical Depth: 6,590'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 13,605'

11) Proposed Horizontal Leg Length: 6,880'

12) Approximate Fresh Water Strata Depths: 544' GL

13) Method to Determine Fresh Water Depths: Local stream base/offset well info w/in 1 mile survey radius

14) Approximate Saltwater Depths: 805' & 1,985' GL

15) Approximate Coal Seam Depths: 805' (Pgh #8 Coal)

16) Approximate Depth to Possible Void (coal mine, karst, other): No void, Pillar

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

(a) If Yes, provide Mine Info: Name: Ireland Mine
Depth: 805'
Seam: Pittsburgh #8 Coal Seam
Owner: CNX Gas Company, LLC

Received
Office of Oil & Gas
MAY 26 2015

API NO. 47- 51 - 01848
OPERATOR WELL NO. 10H
Well Pad Name: Cox

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	20"	New			40	40	140 CTS
Fresh Water	13-3/8"	New	J-55	54.5 #	594	594	950 CTS
Coal							
Intermediate	9-5/8"	New	J-55	40 #	2233	2233	840 CTS
Production	5-1/2"	New	P-110	20#	13605	13605	2,750 CTS
Tubing							
Liners							

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Max. Associated Surface Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	26"	0.375"		0		
Fresh Water	13-3/8"	17.5"	0.380"	2,730 psi	428	Class A	1.2
Coal							
Intermediate	9-5/8"	12.25"	0.395"	3,950 psi	1693	Class A	1.2
Production	5-1/2"	8.5"	0.361"	12,640 psi	2426	Class A	1.2
Tubing							
Liners							

PACKERS

Kind:				
Sizes:				
Depths Set:				

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

Set 20" conductor at 40'. Move in air rig and drill 17-1/2" hole section to minimum 50' below deepest freshwater (544') then run and cement 13-3/8" casing. Move in Fluid rig and drill 12-1/4" hole to 2233' and run and cement 9-5/8" casing. Drill 8-1/2" hole curve and lateral to TD 13,605' and cement 5.5" production casing.

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

Will be completed using plug and perf, targeting a max rate of 100bpm and max pressure of 9500psi. Design will be 34 stages utilizing 13.6MM lbs of proppant and approximately 13.6MM gal of water

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 17.6

22) Area to be disturbed for well pad only, less access road (acres): 9.8

23) Describe centralizer placement for each casing string:

Surface String: 1 Bow spring centralizer halfway through the shoe track around a stop collar, 1 Bow spring centralizer per joint over connection to base of conductor. One ridged centralizer within top 40" inside conductor. Intermediate String: 1 Bow spring centralizer halfway through the shoe track around a stop collar, and 1 bow spring centralizer over every other connection. Production casing 1 Solid Torque Glider Centralizer per joint to KOP, and 1 bow spring centralizer every other joint to surface after that.

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

The Water and Intermediate String will contain Class A cement, up to 3% CaCl2, and flake. The tail and lead of the production cement will be class A cement with KCL, dispersant, defoamer, suspension agent, and friction reducer. The spacer will be a fly ash blend.

25) Proposed borehole conditioning procedures:

The well be circulated a minimum of 2 bottoms up once casing point has been reached on all hole sections and until uniform mud properties are achieved.

*Note: Attach additional sheets as needed.

05101848

Cox 10H Cement Additives

- The Water and Intermediate String will contain Class A cement, up to 3% CaCl2, and flake.
- The tail and lead of the production cement will be class A cement with KCL, dispersant, defoamer, suspension agent, and friction reducer.
- The spacer will be a fly ash blend.

Received
Office of Oil & Gas
MAY 26 2015

Cox 10H

05101848

Marshall County, WV
4/21/2015 13:08

Ground Level Elev. (ft above SL):
Rig KB (ft above GL): 32

DRILLING FLUID / BIT TYPE / TFA	CENTRALIZER PROGRAM	CASING SIZE	TVD GL (FT)	TVD KB (FT)	WELLHEAD DESIGN FMC UH-2 13-5/8"	HOLE SIZE (IN)	MD KB (FT)	CASING SPECS	
Core Barrel / Auger		20" Conductor	40	72		26	55	**Conductor** Minimum 40 ft from GL or at least 10 ft into bedrock	
Air DRL with Mist and additives	Bow Spring 1 centralizer on shoe track around stop collar 1 centralizer per joint over coupling	13-3/8" Casing	710	742		17.5	742	**Surface Casing** **13-3/8" 54.5# J-55 BTC** 0.38" Wall Coupling OD (in) 14-3/8 ID (in) 12.615 Drift ID (in) 12.459 Burst (psi) 2730 Collapse (psi) 1,130 Yield (Jt Strength 1,000 lbs) 853 Capacity (bbl/ft) 0.1546 Annulus (bbl/ft) 0.0488 Minimum 50 ft past deepest known fresh water	**Cement to surface** Class A w/ 3% CaCl2 Yield (cf/sk) = 1.2 Weight (ppg)= 15.6
Air DRL with Mist and additives or Fluid Drill on SBM	Bow Spring 1 centralizer on shoe track around stop collar 1 centralizer every other joint over coupling	9-5/8" Casing	2,233	2,265		#####	2,265	**Intermediate Casing** **9-5/8" 40# J-55 BTC** 0.395" Wall Coupling OD (in) 10.625 ID (in) 8.835 Drift ID (in) 8.679 Burst (psi) 3,950 Collapse (psi) 2,570 Yield (Jt Strength 1,000 lbs) 630 Capacity (bbl/ft) 0.0758 Annulus (bbl/ft) 0.0558 Set below the 50 ft Sand	**Cement to surface** Class A Yield (cf/sk) = 1.2 Weight (ppg)= 15.6
Fluid Drilled on SBM	**Vertical** Bow Spring 1 centralizer every other joint over coupling **Curve and lateral** Solid composite 1 centralizer per joint	KOP	5,000	5,032			5,032	**Production Casing** **5-1/2" 20# P-110, VAM** 0.361" Wall Coupling OD (in) 6.051 ID (in) 4.778 Drift ID (in) 4.653 Burst (psi) 12628 Collapse (psi) 13300 Yield (Jt Strength 1,000 lbs) 641 Capacity (bbl/ft) 0.0222 Annulus (bbl/ft) 0.0408	
		Middlesex	6,475	6,507					Class A: 1) LEAD SLURRY Yield (cf/sk) = 1.2 Weight (ppg)= 15.2
		Burkett Shale	6,490	6,522					
		Tully Limestone	6,515	6,547					Class A: 2) TAIL SLURRY Yield (cf/sk) = 1.2 Weight (ppg)= 15.2
		Hamilton shale	6,530	6,562					
		Upper Marcellus	6,540	6,572					
		Lower Marcellus	6,555	6,587					
		Landing point	6,565	6,597					
		Basal Marcellus	6,580	6,612					
		5-1/2" Casing				8.500	#####		

Received
Office of Oil & Gas
MAY 26 2015

Received
Office of Oil & Gas
MAY 26 2015

WW-9
(2/15)

05101848

API Number 47 - _____ - _____

Operator's Well No. Cox 10H

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 46449935

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 _____)
_____ Off Site Disposal (Supply form WW-9 for disposal location)
_____ Other (Explain _____

Will closed loop system be used? If so, describe: Yes, cuttings will be mixed off on location and trucked off in half rounds

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Surface - Air; Intermediate/Production - SBM

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? Fluid loss control, emulsifier, and shale stabilizer.

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 - Permit # 100172; South Hills Landfill - Permit # 100592

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

Received
Office of Oil & Gas
MAY 26 2015

Subscribed and sworn before me this 26 day of March, 20 15

Commonwealth of Pennsylvania
County of Fayette

Laura Savage Notary Public

My commission expires September 17, 2018

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Laura Savage, Notary Public
Georges Twp., Fayette County
My Commission Expires Sept. 17, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

05101848

Form WW-9

Operator's Well No. Cox 10H

Chevron Appalachia, LLC

Proposed Revegetation Treatment: Acres Disturbed 6.5 Prevegetation pH 5.5-6.3

Lime Soil Test Tons/acre or to correct to pH 5.0-7.5

Fertilizer type See attached table C

Fertilizer amount 1,000 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
See Attached			

Attach:
Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: James Underbar

Comments: Sound barrier to be erected on lay-down tank pad area adjacent to Angela Icard residence

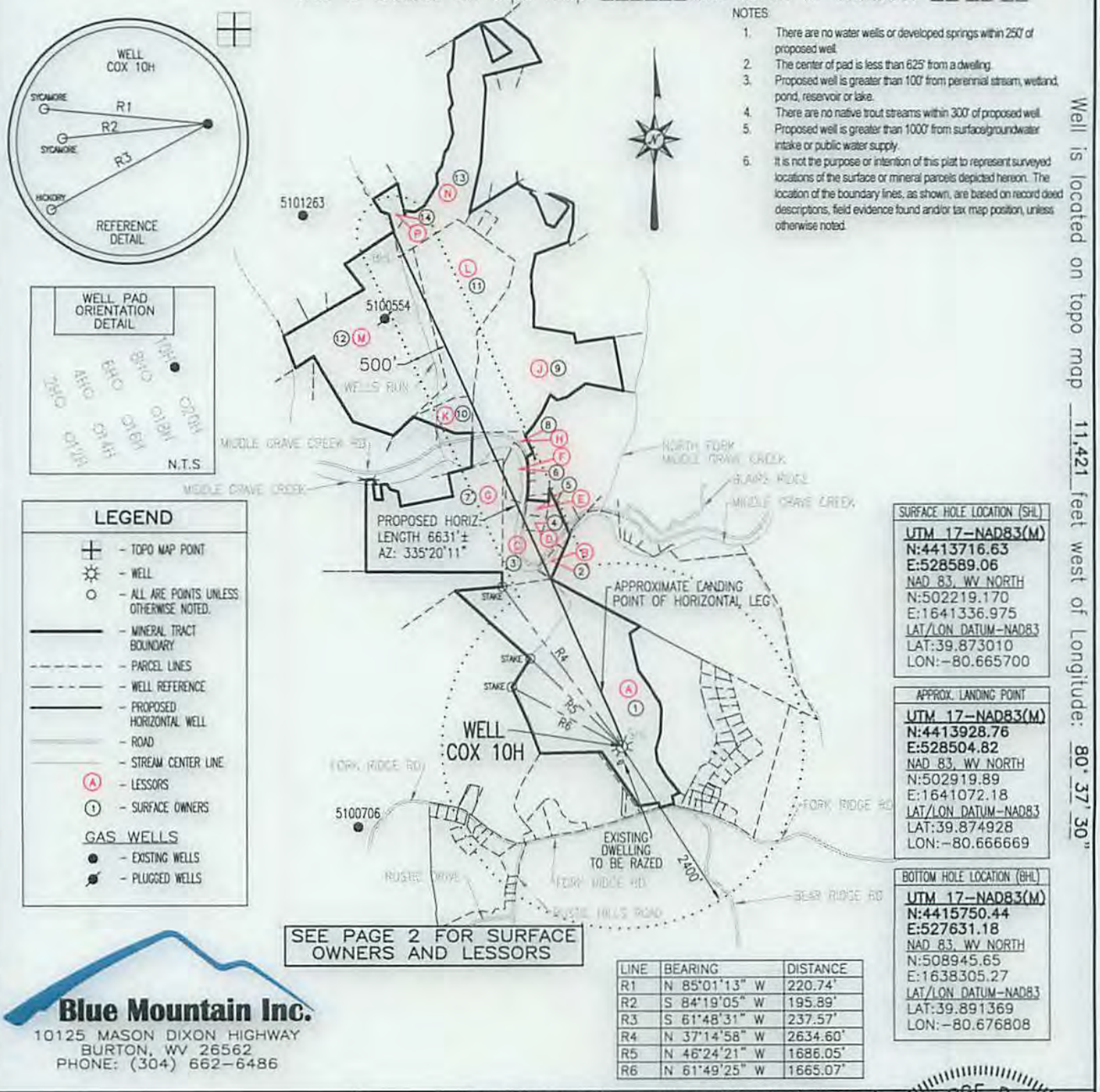
Received
Office of Oil & Gas
MAY 26 2015

Title: Oil + Gas Inspector Date: 4/23/15

Field Reviewed? (✓) Yes ( ) No

Well is located on topo map 723 feet south of Latitude: 39 ° 52 ' 30 "

Well is located on topo map 11,421 feet west of Longitude: 80 ° 37 ' 30 "



NOTES:

1. There are no water wells or developed springs within 250' of proposed well.
2. The center of pad is less than 625' from a dwelling.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. 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.

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
N:4413716.63
E:528589.06
NAD 83, WV NORTH
N:502219.170
E:1641336.975
LAT/LON DATUM-NAD83
LAT:39.873010
LON:-80.665700

APPROX. LANDING POINT
UTM 17-NAD83(M)
N:4413928.76
E:528504.82
NAD 83, WV NORTH
N:502919.89
E:1641072.18
LAT/LON DATUM-NAD83
LAT:39.874928
LON:-80.666669

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
N:4415750.44
E:527631.18
NAD 83, WV NORTH
N:508945.65
E:1638305.27
LAT/LON DATUM-NAD83
LAT:39.891369
LON:-80.676808

LINE	BEARING	DISTANCE
R1	N 85°01'13" W	220.74'
R2	S 84°19'05" W	195.89'
R3	S 61°48'31" W	237.57'
R4	N 37°14'58" W	2634.60'
R5	N 46°24'21" W	1686.05'
R6	N 61°49'25" W	1665.07'

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

Blue Mountain Inc.
10125 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

FILE #: COX 10H
DRAWING #: COX 10H
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: [signature]

R.P.E.: L.L.S.: P.S. No. 2000

GEORGE D. SIX LICENSED No. 2000 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

PLACE SEAL HERE

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

DATE: MAY 20, 2015
OPERATOR'S WELL #: COX 10H
API WELL #: 47 (STATE) 51 (COUNTY) 01848H6A (PERMIT)

Well Type: [X] Oil [ ] Waste Disposal [X] Production [ ] Deep [X] Gas [ ] Liquid Injection [ ] Storage [X] Shallow

WATERSHED: MIDDLE GRAVE CREEK - GRAVE CREEK ELEVATION: 1252.00'
COUNTY/DISTRICT: MARSHALL / CAMERON QUADRANGLE: GLEN EASTON, WV 7.5'
SURFACE OWNER: MARK K. COX ACREAGE: 101.163±
OIL & GAS ROYALTY OWNER: MARK K. COX ACREAGE: 405.672±

DRILL [X] CONVERT [ ] DRILL DEEPER [ ] REDRILL [ ] FRACTURE OR STIMULATE [X]
PLUG OFF OLD FORMATION [ ] PERFORATE NEW FORMATION [ ] PLUG & ABANDON [ ]
CLEAN OUT & REPLUG [ ] OTHER CHANGE [ ] (SPECIFY):

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,565'± TMD: 13,606±

WELL OPERATOR CHEVRON APPALACHIA, LLC DESIGNATED AGENT KENNETH E. TAWNEY
Address 800 MOUNTAIN VIEW DRIVE Address 500 LEE STREET, EAST SUITE 1600
City SMITHFIELD State PA Zip Code 15478 City CHARLESTON State WV Zip Code 25301-3202

47-051-01848

COX
10H
PAGE 2 OF 2

	SURFACE OWNER	DIST-TM/PAR
1	MARK K. COX	3-1/13
2	DELORIS M. BLAKEMORE	3-1/14.3
3	DENNIS W. MAGERS ET UX	14-13/64
4	GILBERT E. JR. & ANITA L. CLARK	14-13/63
5	JOHN R. FAHNESTOCK ET UX	14-13/62
6	ALVIN T. STILLWELL	3-1/14.1
7	DONALD G. ROGERSON SR. - LIFE	3-1/6
8	MARVIN MCMASTERS ET UX	14-13/59
9	DAVID LEE BEVERIDGE	14-13/13
10	CONSOLIDATION COAL COMPANY	14-13/11.1
11	DENNIS W. CROW ET UX	14-13/11
12	JAMES J. CAVENEY ET UX	14-13/10
13	DENNIS W. & DONNA CROW	14-11/11.3
14	*WM K. & JOHN D. HEATH ET AL	14-11/12

	LESSOR
A	MARK K. COX
B	DELORIS M. BLAKEMORE
C	HEIRS OF MARION WALLACE CROUCH
D	CROUCH HEIRS
E	CROUCH HEIRS
F	ALVIN T. STILLWELL
G	DONALD G. ROGERSON SR.
	DONALD G. ROGERSON JR.
	ERIN S. ROGERSON
H	HEIRS OF DORIS A. BYRD
	HEIRS OF VIRGINIA S. LAREW
J	BARBARA BEVERIDGE
K	CNX GAS COMPANY
L	DENNIS W. & DONNA CROW
M	JAMES J. & KAREN CAVENEY
	NEVA E. KELLER
	FREDA V. PARSONS
	LETHA I. RUCKMAN
	MARY IRENE TAYLOR ESTATE
	MARK A. & BRIDGET M. ALBERT
	MELVIN FANKHAUSER
	EUGENE FANKHAUSER
	SHELIA M. HAZEL
N	DENNIS W. & DONNA CROW
P	*ELLEN IONA HEATH
	*COLLEEN MCCLAIN

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83(M)
N:4413716.63
E:528589.06
NAD 83, WV NORTH
N:502219.170
E:1641336.975
LAT/LON DATUM-NAD83
LAT:39.873010
LON:-80.665700

APPROX. LANDING POINT
UTM 17-NAD83(M)
N:4413928.76
E:528504.82
NAD 83, WV NORTH
N:502919.89
E:1641072.18
LAT/LON DATUM-NAD83
LAT:39.874928
LON:-80.666669

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83(M)
N:4415750.44
E:527631.18
NAD 83, WV NORTH
N:508945.65
E:1638305.27
LAT/LON DATUM-NAD83
LAT:39.891369
LON:-80.676808

MAY 20, 2015

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

Blue Mountain Inc.
10125 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

WW-6A1
(5/13)

Operator's Well No. Cox 10H

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:

Received
Office of Oil & Gas
MAY 26 2015

- 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 Harmon
Its: Permitting Team Lead

05101848

Justin E. Lohr, RPL
Land Representative

Appalachian/Michigan
Strategic Business Unit
Chevron North America
Exploration and Production Company
A Division of Chevron U.S.A Inc.
1550 Coraopolis Heights Rd
P.O. Box 611
Moon Township, PA 15108
Tel 412-865-0061
jlohr@chevron.com

April 29, 2015

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

RE: Cox 2H, 10H

Dear Mr. Smith,

This letter is to confirm that Chevron Appalachia, LLC owns 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,

Justin E. Lohr, RPL
Land Representative
Chevron U.S.A. Inc.

Received
Office of Oil & Gas
MAY 26 2015

Parcel	Lessor	Lessee	Royalty	DB/PG	ASSIGNMENT 1
(A)	MARK K. COX	TRIENERGY HOLDINGS LLC	16.00%	706/313	24/180 - TriEnergy Holdings, LLC to NPAR, LLC
(B) (C) (D) (E)	DELORIS M. BLAKEMORE	TRIENERGY HOLDINGS LLC	18.00%	717/109	24/430 - TriEnergy Holdings, LLC to NPAR, LLC
(B) (C) (D) (E) (F)	PATRICK BUFFA	CHEVRON USA INC	15.00%	820/174	N/A
(B) (C) (D) (E) (F)	PHILLIP H. CROUCH	CHEVRON USA INC	15.00%	820/162	N/A
(B) (C) (D) (E) (F)	DAVID B. HINDS	CHEVRON USA INC	15.00%	829/299	N/A
(B) (C) (D) (E) (F)	PAUL T CUMMINGS	CHEVRON USA INC	15.00%	822/401	N/A
(B) (C) (D) (E) (F)	JOHN W CROUCH	CHEVRON USA INC	15.00%	821/226	N/A
(C) (D) (E) (F)	ALVIN T. STILLWELL	TRIENERGY HOLDINGS LLC	18.00%	717/406	24/430 - TriEnergy Holdings, LLC to NPAR, LLC
(G)	DONALD G. ROGERSON JR.	CHESAPEAKE APPALACHIA LLC	12.50%	676/18	30/461 - Chesapeake Appalachia, L.L.C. to Chevron U.S.A. Inc.
(H)	RICHARD LEE BYRD	CHEVRON USA INC	18.00%	Please see attached lease	N/A
	ROBERT LEWIS BYRD	CHEVRON USA INC	18.00%	Please see attached lease	N/A
	BARBARA ANN SCOTT	CHEVRON USA INC	18.00%	INST 1379392	N/A
(J)	BARBARA BEVERIDGE	TRIENERGY HOLDINGS LLC	12.50%	656/631	19/623 - TriEnergy, Inc. to AB Resources LLC
	DAVID L. BEVERIDGE	CHEVRON USA INC	18.00%	844/483	N/A
(K)	NOBLE ENERGY INC / CNX Gas Company LLC	CHEVRON USA INC	20.00%	862/492; 862/486	N/A
(L) (N)	DENNIS W. & DONNA CROW	CHEVRON USA INC	18.00%	853/249	N/A

	CAVENEY JAMES J	TRIENERGY HOLDINGS LLC	12.50%	INST 1340597	20/252 - TriEnergy, Inc. to AB Resources LLC
	PARSONS FREDA V	TRIENERGY HOLDINGS LLC	17.00%	739/617	28/356 - TriEnergy Holdings, LLC and TriEnergy, Inc. to Chevron U.S.A. Inc.
	KELLER NEVA E	TRIENERGY HOLDINGS LLC	17.00%	740/361	28/356 - TriEnergy Holdings, LLC and TriEnergy, Inc. to Chevron U.S.A. Inc.
	HAZEL SHEILA M EXEC OF TAYLOR MARY IRENE	TRIENERGY HOLDINGS LLC	17.00%	INST 1321940	28/348 - TriEnergy Holdings, LLC and TriEnergy, Inc. to Chevron U.S.A. Inc.
(M)	RUCKMAN LETHA I	TRIENERGY HOLDINGS LLC	17.00%	INST 1310410	28/348 - TriEnergy Holdings, LLC and TriEnergy, Inc. to Chevron U.S.A. Inc.
	ROGERSON ROBERT E	CHEVRON USA INC	18.00%	INST 1367283	N/A
	ROGERSON RONALD E	CHEVRON USA INC	18.00%	INST 1367281	N/A
	LANTZ PATTY JEAN	CHEVRON USA INC	18.00%	INST 1371082	N/A
	TAYLOR RALPH VAUGHN	CHEVRON USA INC	18.00%	INST 1370854	N/A
	BRAUN MELISSA ANN	CHEVRON USA INC	18.00%	INST 1370919	N/A
	ROSE ROBIN	CHEVRON USA INC	18.00%	INST 1366565	N/A
	ROGERSON RANDALL C	CHEVRON USA INC	18.00%	INST 1370833	N/A
	ROGERSON RUSSELL W	CHEVRON USA INC	18.00%	INST 1371061	N/A
	BENNETT ELIZABETH	CHEVRON USA INC	18.00%	INST 1367237	N/A
	TAYLOR JUDITH	CHEVRON USA INC	18.00%	INST 1371054	N/A
	TAYLOR WILLIAM O	CHEVRON USA INC	18.00%	INST 1377385	N/A
	TAYLOR DAVID R	CHEVRON USA INC	18.00%	INST 1377371	N/A
	TAYLOR MARY E	CHEVRON USA INC	18.00%	INST 1377356	N/A

	TAYLOR HERBERT M	CHEVRON USA INC	18.00%	INST 1377354	N/A
	DOUGHERTY LORETTA	CHEVRON USA INC	18.00%	INST 1371659	N/A
	LANTZ KORENE	CHEVRON USA INC	18.00%	INST 1371682	N/A
	DENNIS RANDALL W	CHEVRON USA INC	18.00%	INST 1379323	N/A
(P)	ELLEN IONA HEATH	CHEVRON USA INC	16.00%	811/396	N/A

ASSIGNMENT 2	ASSIGNMENT 3
24/466 - AB Resources LLC and NPAR, LLC to Chief Exploration & Development LLC and Radler 2000 Limited Partnership	25/1 - Chief Exploration & Development LLC, Chief Oil & Gas LLC, Radler 2000 Limited Partnership and Enerplus Resources Corporation to Chevron U.S.A. Inc.
24/466 - AB Resources LLC and NPAR, LLC to Chief Exploration & Development LLC and Radler 2000 Limited Partnership	25/1 - Chief Exploration & Development LLC, Chief Oil & Gas LLC, Radler 2000 Limited Partnership and Enerplus Resources Corporation to Chevron U.S.A. Inc.
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
24/466 - AB Resources LLC and NPAR, LLC to Chief Exploration & Development LLC and Radler 2000 Limited Partnership	25/1 - Chief Exploration & Development LLC, Chief Oil & Gas LLC, Radler 2000 Limited Partnership and Enerplus Resources Corporation to Chevron U.S.A. Inc.
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
756/397 - AB Resources LLC to Chevron U.S.A. Inc.	
N/A	N/A
N/A	N/A
N/A	N/A

756/397 - AB Resources LLC to Chevron U.S.A. Inc.	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

ASSIGNMENT AND BILL OF SALE

STATE OF WEST VIRGINIA §
§
COUNTY OF MARSHALL §

JIM LAND SERVICE INC
11106 STATE HIGHWAY 18
CONNEAUT LAKE , PA 16316-3620

THIS ASSIGNMENT AND BILL OF SALE (this "**Assignment**") is made by and among Chief Exploration & Development LLC, a Texas limited liability company, having an office at 5956 Sherry Lane, Suite 1500, Dallas, TX 75225, Chief Oil & Gas LLC, a Texas limited liability company, having an office at 5956 Sherry Lane, Suite 1500, Dallas, TX 75225, (jointly "**Chief**"), Radler 2000 Limited Partnership, a Texas limited partnership, having an office at 3131 West 7th Street, 4th Floor, Fort Worth, TX 76107 ("**Radler**" and together with Chief "**Chief/Radler**"), and Enerplus Resources (USA) Corporation, a Delaware corporation, having an office at US Bank Tower, 950 17th Street, Denver, Colorado 80202-2805 ("**Enerplus**" and together with Chief/Radler, "**Assignors**"), and Chevron U.S.A. Inc., a Pennsylvania corporation, having an office at Westpointe Corporate Center One, 1550 Coraopolis Heights Road, Moon Township, PA 15108 ("**Assignee**"). Hereinafter, each of Assignors and Assignee are referred to as a "**Party**" and collectively as the "**Parties**".

ARTICLE 1
ASSIGNMENT OF INTEREST

1.1 **Assignment.** For and in consideration of Ten Dollars ($10.00) and other good and valuable consideration, including (a) as to Chief/Radler and Assignee, the mutual covenants and agreements described in that certain unrecorded Purchase and Sale Agreement dated May 3, 2011, by and among Chief/Radler, as sellers, and Assignee, as buyer (the "**Chief/Radler Purchase Agreement**") and (b) as to Enerplus and Assignee, the mutual covenants and agreements described in that certain unrecorded Purchase and Sale Agreement dated June 14, 2011, by and between Enerplus, as seller, and Assignee, as buyer (the "**Enerplus Purchase Agreement**" and together with the Chief/Radler Purchase Agreement, the "**Purchase Agreements**"), the receipt and sufficiency of which is hereby acknowledged by Assignors, Assignors do hereby GRANT, BARGAIN, SELL, CONVEY, ASSIGN, TRANSFER, and SET OVER unto Assignee, effective as of the Effective Date (as defined below), subject to the exceptions, reservations, terms and conditions herein contained, all of Assignors' rights, title and interest in and to the following assets (collectively, the "**Subject Properties**"):

(a) All of the oil, gas or mineral leases described on **Exhibit A** attached hereto, and any ratifications and amendments thereof, whether or not same are described thereon (the "**Leases**");

(b) All of the wells described on **Exhibit B** attached hereto (the "**Wells**") together with all oil, gas, other liquid or gaseous hydrocarbons, or any of them or any combination thereof, and all products extracted, separated, processed and produced therefrom ("**Hydrocarbons**");

(c) All presently existing and valid, oil, gas or mineral unitization, pooling, and/or communitization agreements, declarations and/or orders, and Assignor's interests in and to the properties covered or the units created thereby to the extent attributable to the Leases (collectively the "**Units**");

(d) All presently existing and valid operating agreements, production sales contracts, and other agreements and contracts, including, but not limited to those listed on **Exhibit C** attached hereto to the extent that they relate to any of the Leases, Wells, or Units (the "**Contracts**");

(e) All materials, supplies, machinery, equipment, improvements and other personal property and fixtures, including, but not limited to, all wellhead equipment, pumping units, wellsite flowlines, tanks, buildings, injection facilities, saltwater disposal

Prepared by:

Chief Oil & Gas LLC
5956 Sherry Lane, Suite 1500
Dallas, Texas 75225

facilities, compression facil ties, and other equipment) to the extent that they relate to any of the Leases, Wells, or Units and are used in connection with the exploration, development, operation or maintenance thereof;

(f) To the extent transferrable, all permits, rights-of-way, easements, servitudes, licenses, franchises and other estates and similar rights and privileges related to or used solely in connection with the Subject Properties;

(g) To the extent transferable, all contracts, agreements, and other similar rights related to water rights or water sources used in connection with the Subject Properties; and

(h) All files, records, documentation and data of Assignors or their Affiliates that relate to the Subject Properties, including any correspondence, information and reports (including petroleum engineering, reservoir engineering, drilling, geological, geophysical and all other kinds of technical data and samples, well-logs, and analyses in whatever form) lease files, land files, well files, division order files, environmental assessments, safety records, governmental filings, production reports, production logs, core materials and core sample reports and maps, and all accounting files, books, records, files, title opinions, title abstracts, title reports, reports and similar documents and materials of, but not including any (1) files, records, documentation or data that Assignors may not sell, transfer, or otherwise dispose of as a result of confidentiality obligations by which it is bound or which cannot be provided to Assignee because such transfer is prohibited by the agreement under which it was acquired; or (2) any corporate, financial, and tax records of Assignors.

The Subject Properties do not include, and there is hereby expressly excepted and excluded therefrom and reserved all Excluded Properties.

TO HAVE AND TO HOLD the Subject Properties unto Assignee and its successors and assigns forever.

ARTICLE II.
WARRANTY

Section 2.1. AS TO THE SUBJECT PROPERTIES ASSIGNED HEREUNDER BY CHIEF/RADLER, PURSUANT TO THE CHIEF/RADLER PURCHASE AGREEMENT, SUBJECT TO THE PERMITTED ENCUMBRANCES (AS DEFINED IN THE CHIEF/RADLER PURCHASE AGREEMENT), CHIEF/RADLER AGREES TO WARRANT AND FOREVER DEFEND TITLE TO SUCH SUBJECT PROPERTIES UNTO ASSIGNEE, AND ITS SUCCESSORS AND ASSIGNS, AGAINST THE CLAIMS AND DEMANDS OF ALL PERSONS CLAIMING, OR TO CLAIM THE SAME, OR ANY PART THEREOF, BY, THROUGH OR UNDER CHIEF/RADLER, BUT NOT OTHERWISE.

Section 2.2. AS TO THE SUBJECT PROPERTIES ASSIGNED HEREUNDER BY ENERPLUS, PURSUANT TO THE ENERPLUS PURCHASE AGREEMENT, SUBJECT TO THE PERMITTED ENCUMBRANCES (AS DEFINED IN THE ENERPLUS PURCHASE AGREEMENT), ENERPLUS AGREES TO WARRANT AND FOREVER DEFEND TITLE TO SUCH SUBJECT PROPERTIES UNTO ASSIGNEE, AND ITS SUCCESSORS AND ASSIGNS, AGAINST THE CLAIMS AND DEMANDS OF ALL PERSONS CLAIMING, OR TO CLAIM THE SAME, OR ANY PART THEREOF, BY, THROUGH OR UNDER ENERPLUS, BUT NOT OTHERWISE.

ARTICLE III
DISCLAIMERS

OTHER THAN THOSE REPRESENTATIONS AND WARRANTIES EXPRESSLY SET OUT IN PURCHASE AGREEMENTS AND THIS ASSIGNMENT, ASSIGNORS HEREBY EXPRESSLY DISCLAIM ANY AND ALL REPRESENTATIONS OR WARRANTIES WITH RESPECT TO THE SUBJECT PROPERTIES OR THE TRANSACTION CONTEMPLATED HEREBY, AND ASSIGNEE AGREES THAT THE SUBJECT PROPERTIES ARE BEING SOLD BY ASSIGNORS "WHERE IS," "AS IS," AND "WITH ALL FAULTS." SPECIFICALLY AS PART OF (BUT NOT IN LIMITATION OF) THE FOREGOING, ASSIGNEE ACKNOWLEDGES THAT, OTHER THAN THOSE REPRESENTATIONS AND WARRANTIES EXPRESSLY SET OUT IN

THE PURCHASE AGREEMENTS AND THIS ASSIGNMENT, ASSIGNORS HAVE NOT MADE, AND ASSIGNORS HEREBY EXPRESSLY DISCLAIM, ANY REPRESENTATION OR WARRANTY (EXPRESS, IMPLIED, UNDER COMMON LAW, BY STATUTE OR OTHERWISE) AS TO THE CONDITION OF THE SUBJECT PROPERTIES (INCLUDING, WITHOUT LIMITATION, ASSIGNORS DISCLAIM ANY IMPLIED OR EXPRESS WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR CONFORMITY TO MODELS OR SAMPLES OF MATERIALS).

ARTICLE IV
MISCELLANEOUS

4.1 **Purchase Agreements.** As to the Subject Properties assigned hereunder by Chief/Radler, this Assignment is made subject to the terms and conditions of the Chief/Radler Purchase Agreement, which is incorporated herein by reference for all purposes, as to such Subject Properties. As to the Subject Properties assigned hereunder by Enerplus, this Assignment is made subject to the terms and conditions of the Enerplus Purchase Agreement, which is incorporated herein by reference for all purposes, as to such Subject Properties. The Purchase Agreements contain certain representations, warranties and agreements between the Parties, which shall survive the delivery of this Assignment, as provided for therein. In the event of conflict or other inconsistency between this Assignment and the Purchase Agreements, the Purchase Agreements, as applicable, will control. Capitalized terms used in this Assignment and otherwise not defined shall have the meanings set forth in the Purchase Agreements. Notwithstanding anything herein to the contrary, (a) the rights and obligations of each Assignor hereunder are several and not joint and several, (b) Enerplus shall have no rights or obligations as a result of the execution and delivery of this Assignment by Enerplus (i) for any breach of this Assignment by Chief or Radler or (ii) under the Chief/Radler Purchase Agreement and (c) neither Chief nor Radler shall have any rights or obligations as a result of the execution and delivery of this Assignment by either Chief or Radler (i) for any breach of this Assignment by Enerplus or (ii) under the Enerplus Purchase Agreement.

4.2 **Exhibits.** The Exhibits attached hereto are incorporated herein by reference for all purposes, and references to this Assignment shall also include such Exhibits unless the context in which used shall otherwise require.

4.3 **Binding Effect.** This Assignment shall bind and inure to the benefit of Assignors and Assignee and their respective successors, assigns and legal representatives.

4.4 **Counterparts; Recordation.** This Assignment may be executed in any number of counterparts, each of which shall be of equal dignity and all of which shall constitute but one and the same instrument. To facilitate recordation or filing of this Assignment, each counterpart filed with a county or state agency or office may contain only those portions of the Exhibits to this Assignment that describe property under the jurisdiction of that agency or office. A complete copy of this Assignment has been filed and recorded in Marshall County, West Virginia.

[Signature Pages Follow]

BOOK 025 PAGE 004

IN WITNESS WHEREOF, each of the parties hereto has executed this Assignment to be effective as of 7:00 a.m. local time of the location of the Subject Properties on July 1, 2010 (the "**Effective Date**").

ASSIGNORS:

Chief Exploration & Development LLC

By: _____
Name: Glynne Mildren
Title: Senior Vice President - Land

Chief Oil & Gas LLC

By: _____
Name: Glynne Mildren
Title: Senior Vice President - Land

Radler 2000 Limited Partnership
By: Tug Hill, Inc., its General Partner

By: _____
Name: Michael G. Radler
Title: President

Enerplus Resources (USA) Corporation

By: _____
Name: Roxanne Forst
Title: Attorney-in-Fact

ASSIGNEE:

Chevron U.S.A. Inc.

By: Ann Wacker
Name: Ann Wacker
Title: Assistant Secretary

STATE OF TEXAS §

COUNTY OF DALLAS §

On this, the 23rd day of June, 2011, before me, the undersigned officer, personally appeared Glynne Mildren, who acknowledged himself to be the Senior Vice President – Land of **Chief Exploration & Development LLC** and that he as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the limited liability company by him as said officer.

In Witness Whereof, I hereunto set my hand and official seal.

(Notarial Seal)

My Commission expires: _____

STATE OF TEXAS §

COUNTY OF DALLAS §

On this, the 23rd day of June, 2011, before me, the undersigned officer, personally appeared Glynne Mildren, who acknowledged himself to be the Senior Vice President – Land of **Chief Oil & Gas LLC**, and that he as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the limited liability company by him as said officer.

In Witness Whereof, I here into set my hand and official seal.

(Notarial Seal)

My Commission expires: _____

STATE OF TEXAS §

COUNTY OF DALLAS §

On this, the 23rd day of June, 2011, before me, the undersigned officer, personally appeared Michael G. Radler, who acknowledged himself to be the President of **Tug Hill, Inc., the General Partner of Radler 2000 Limited Partnership**, and that he as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing on behalf of the corporation by him as said officer.

In Witness Whereof, I hereunto set my hand and official seal.

(Notarial Seal) NOTARY PUBLIC STATE OF TEXAS Mark Wilson My Commission Expires 05/26/2013

My Commission expires: _____

STATE OF TEXAS §

COUNTY OF DALLAS §

On this, the 23rd day of June, 2011, before me, the undersigned officer, personally appeared Roxanne Forst, known to me to be the person whose name is subscribed as attorney-in-fact for **Enerplus Resources (USA) Corporation**, and acknowledged that she executed the same as the act of her principal for the purposes therein contained.

In Witness Whereof, I hereunto set my hand and official seal.

(Notarial Seal) NOTARY PUBLIC STATE OF TEXAS Mark Wilson My Commission Expires 05/26/2013

My Commission expires: _____

BOOK 025 PAGE 008

STATE OF TEXAS §

COUNTY OF DALLAS §

On this, the 24th day of June, 2011, before me, the undersigned officer, personally appeared Ann Wacker, who acknowledged herself to be the Assistant Secretary of **Chevron U.S.A. Inc.**, and that she as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by her as said officer.

In Witness Whereof, I hereunto set my hand and official seal.

(Notarial Seal)

COREY J MEISTER
Notary Public, State of Texas
My Commission Expires
July 17, 2014

My Commission expires: _____

Jan Pest
MARSHALL County 09:06:51 AM
Instrument No 1308157
Date Recorded 07/21/2011
Document Type ASN
Pages Recorded 104
Book-Page 25-1
Recording Fee $104.00
Additional $16.00

Exhibit "C"
(Contracts)

Attached to and made a part of that certain Assignment and Bill of Sale made by and among Chief Exploration & Development LLC, Chief Oil & Gas LLC, (jointly "Chief"), Radler 2000 Limited Partnership, ("Radler" and together with Chief "Chief/Radler"), and Enerplus Resources (USA) Corporation, ("Enerplus" and together with Chief/Radler, "Assignors"), and Chevron U.S.A. Inc., Multiple Counties, State of West Virginia.

CONTRACT ID	DESCRIPTION	CONTRACT DATE	ALL PARTIES	CONTRACT NAME	COUNTY	STATE
NECES-C056	Impoundments/ Frac pit agmts.	01/14/11	Grimm Lumber, Inc. and Elmer C. Grimm, Jr., and Mary Ann Grimm, husband and wife, Grantor, Chief Exploration & Development LLC, Grantee, Chief Oil & Gas LLC, Operator	Surface Lease (FWIS) - Grimm Lumber, Inc.	PRESTON	WV
NECES-C067	Impoundments/ Frac pit agmts.	03/24/11	Kenneth W. Chidester and Helen L. Chidester, husband and wife, Grantor, Chief Exploration & Development LLC, Grantee, Chief Oil & Gas LLC, Operator	Surface Lease (Fresh Water Impoundment Site) - Kenneth W. Chidester, et ux	PRESTON	WV
	Assignment and Assumption of Agreement	02/01/11	CHIEF GATHERING, LLC CAIMAN PENN MIDSTREAM, LLC	Agreement for Caiman to transfer its rights under the May 1, 2009 Appalachian Gas Gathering Agreement to Chief Gathering limited to the Grimm Lease	PRESTON	WV
LEGAL-C522	Seismic Agreement		Chief Oil & Gas LLC, Licensor Marathon Oil Company, Licensee	Seismic Data License Agreement	PRESTON FAYETTE	WV PA

STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, IAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 6th day of July 2010, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 21st day of July 2011 at 9:06 o'clock A.M.

TESTE: Jan Pest Clerk.

CPS SM 5-11

ASSIGNMENT AND BILL OF SALE

STATE OF WEST VIRGINIA §
§
COUNTY OF MARSHALL §

JIM LAND SERVICE INC
11106 STATE HIGHWAY 18
COMMERCE LAKE • PA 16316-3620

THIS ASSIGNMENT AND BILL OF SALE (this "**Assignment**") is made by and among Chief Exploration & Development LLC, a Texas limited liability company, having an office at 5956 Sherry Lane, Suite 1500, Dallas, TX 75225, Chief Oil & Gas LLC, a Texas limited liability company, having an office at 5956 Sherry Lane, Suite 1500, Dallas, TX 75225, (jointly "**Chief**"), Radler 2000 Limited Partnership, a Texas limited partnership, having an office at 3131 West 7th Street, 4th Floor, Fort Worth, TX 76107 ("**Radler**" and together with Chief "**Chief/Radler**"), and Enerplus Resources (USA) Corporation, a Delaware corporation, having an office at US Bank Tower, 950 17th Street, Denver, Colorado 80202-2805 ("**Enerplus**" and together with Chief/Radler, "**Assignors**"), and Chevron U.S.A. Inc., a Pennsylvania corporation, having an office at Westpointe Corporate Center One, 1550 Coraopolis Heights Road, Moon Township, PA 15108 ("**Assignee**"). Hereinafter, each of Assignors and Assignee are referred to as a "**Party**" and collectively as the "**Parties**".

ARTICLE I
ASSIGNMENT OF INTEREST

1.1 **Assignment**. For and in consideration of Ten Dollars ($10.00) and other good and valuable consideration, including (a) as to Chief/Radler and Assignee, the mutual covenants and agreements described in that certain unrecorded Purchase and Sale Agreement dated May 3, 2011, by and among Chief/Radler, as sellers, and Assignee, as buyer (the "**Chief/Radler Purchase Agreement**") and (b) as to Enerplus and Assignee, the mutual covenants and agreements described in that certain unrecorded Purchase and Sale Agreement dated June 14, 2011, by and between Enerplus, as seller, and Assignee, as buyer (the "**Enerplus Purchase Agreement**" and together with the Chief/Radler Purchase Agreement, the "**Purchase Agreements**"), the receipt and sufficiency of which is hereby acknowledged by Assignors, Assignors do hereby GRANT, BARGAIN, SELL, CONVEY, ASSIGN, TRANSFER, and SET OVER unto Assignee, effective as of the Effective Date (as defined below), subject to the exceptions, reservations, terms and conditions herein contained, all of Assignors' rights, title and interest in and to the following assets (collectively, the "**Subject Properties**"):

(a) All of the oil, gas or mineral leases described on **Exhibit A** attached hereto, and any ratifications and amendments thereof, whether or not same are described thereon (the "**Leases**");

(b) All of the wells described on **Exhibit B** attached hereto (the "**Wells**") together with all oil, gas, other liquid or gaseous hydrocarbons, or any of them or any combination thereof, and all products extracted, separated, processed and produced therefrom ("**Hydrocarbons**");

(c) All presently existing and valid, oil, gas or mineral unitization, pooling, and/or communitization agreements, declarations and/or orders, and Assignor's interests in and to the properties covered or the units created thereby to the extent attributable to the Leases (collectively the "**Units**");

(d) All presently existing and valid operating agreements, production sales contracts, and other agreements and contracts, including, but not limited to those listed on **Exhibit C** attached hereto to the extent that they relate to any of the Leases, Wells, or Units (the "**Contracts**");

(e) All materials, supplies, machinery, equipment, improvements and other personal property and fixtures, including, but not limited to, all wellhead equipment, pumping units, wellsite flowlines, tanks, buildings, injection facilities, saltwater disposal

facilities, compression facil ties, and other equipment) to the extent that they relate to any of the Leases, Wells, or Units and are used in connection with the exploration, development, operation or r aintenance thereof;

(f) To the ext ent transferrable, all permits, rights-of-way, easements, servitudes, licenses, franch ses and other estates and similar rights and privileges related to or used solely in connect on with the Subject Properties;

(g) To the exte it transferable, all contracts, agreements, and other similar rights related to water rights or water sources used in connection with the Subject Properties; and

(h) All files, rec ords, documentation and data of Assignors or their Affiliates that relate to the Subject Properties, including any correspondence, information and reports (including petroleum engineering, reservoir engineering, drilling, geological, geophysical and all other k nds of technical data and samples, well-logs, and analyses in whatever form) lease files, land files, well files, division order files, environmental assessments, safety record , governmental filings, production reports, production logs, core materials and core sam ple reports and maps, and all accounting files, books, records, files, title opinions, title abstracts, title reports, reports and similar documents and materials of, but not inc uding any (1) files, records, documentation or data that Assignors may not sell, tr nsfer, or otherwise dispose of as a result of confidentiality obligations by which it is bound or which cannot be provided to Assignee because such transfer is prohibited by the agreement under which it was acquired; or (2) any corporate, financial, and tax records o Assignors.

The Subject Properties do not in clude, and there is hereby expressly excepted and excluded therefrom and reserved all Exclude d Properties.

TO HAVE AND TO HOI D the Subject Properties unto Assignee and its successors and assigns forever.

ARTICLE II.
WARRANTY

Section 2.1. AS TO THE SUBJECT PROPERTIES ASSIGNED HEREUNDER BY CHIEF/RADLER, PURSUANT TO THE CHIEF/RADLER PURCHASE AGREEMENT, SUBJECT TO TH E PERMITTED ENCUMBRANCES (AS DEFINED IN THE CHIEF/RADLER PURCHASE AGREEMENT), CHIEF/RADLER AGREES TO WARRANT AND FOREVER DEFEND TITL E TO SUCH SUBJECT PROPERTIES UNTO ASSIGNEE, AND ITS SUCCESSORS AND ASSIGNS, AGAINST THE CLAIMS AND DEMANDS OF ALL PERSONS CLAIMING, OR TO CLAIM THE SAME, OR ANY PART THEREOF, BY, THROUGH OR UNDER CHIEF/RADLER, BUT NOT OTHERWISE.

Section 2.2. AS TO THE SUBJECT PROPERTIES ASSIGNED HEREUNDER BY ENERPLUS, PURSUANT TO THE ENERPLUS PURCHASE AGREEMENT, SUBJECT TO TH E PERMITTED ENCUMBRANCES (AS DEFINED IN THE ENERPLUS PURCHASE AGR EEMENT), ENERPLUS AGREES TO WARRANT AND FOREVER DEFEND TITLE TO SUCH SUBJECT PROPERTIES UNTO ASSIGNEE, AND ITS SUCCESSORS AND ASSIGNS, AGAINST THE CLAIMS AND DEMANDS OF ALL PERSONS CLAIMING, OR TO CLAIM THE SAME, OR ANY PART THEREOF, BY, THROUGH OR UNDER ENERP LUS, BUT NOT OTHERWISE.

ARTICLE III
DISCLAIMERS

OTHER THAN THOSE REPRESENTATIONS AND WARRANTIES EXPRESSLY SET OUT IN PURCHASE AGREEMENTS AND THIS ASSIGNMENT, ASSIGNORS HEREBY EXPRESSLY DISCLAIM ANY AND ALL REPRESENTATIONS OR WARRANTIES WITH RESPECT TO THE SUBJECT PROPERTIES OR THE TRANSACTION CONTEMPLATED HEREBY, AND ASSIGNEE AGREES THAT THE SUBJECT PROPERTIES ARE BEING SOLD BY ASSIGNORS "WHERE IS," "AS IS," AND "WITH ALL FAULTS." SPECIFICALLY AS PART OF (BUT NOT IN LIMITATION OF) THE FOREGOING, ASSIGNEE ACKNOWLEDGES THAT, OTHER THAN THOSE REPRESENTATIONS AND WARRANTIES EXPRESSLY SET OUT IN

THE PURCHASE AGREEMENTS AND THIS ASSIGNMENT, ASSIGNORS HAVE NOT MADE, AND ASSIGNORS HEREBY EXPRESSLY DISCLAIM, ANY REPRESENTATION OR WARRANTY (EXPRESS, IMPLIED, UNDER COMMON LAW, BY STATUTE OR OTHERWISE) AS TO THE CONDITION OF THE SUBJECT PROPERTIES (INCLUDING, WITHOUT LIMITATION, ASSIGNORS DISCLAIM ANY IMPLIED OR EXPRESS WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR CONFORMITY TO MODELS OR SAMPLES OF MATERIALS).

ARTICLE IV
MISCELLANEOUS

4.1 **Purchase Agreements.** As to the Subject Properties assigned hereunder by Chief/Radler, this Assignment is made subject to the terms and conditions of the Chief/Radler Purchase Agreement, which is incorporated herein by reference for all purposes, as to such Subject Properties. As to the Subject Properties assigned hereunder by Enerplus, this Assignment is made subject to the terms and conditions of the Enerplus Purchase Agreement, which is incorporated herein by reference for all purposes, as to such Subject Properties. The Purchase Agreements contain certain representations, warranties and agreements between the Parties, which shall survive the delivery of this Assignment, as provided for therein. In the event of conflict or other inconsistency between this Assignment and the Purchase Agreements, the Purchase Agreements, as applicable, will control. Capitalized terms used in this Assignment and otherwise not defined shall have the meanings set forth in the Purchase Agreements. Notwithstanding anything herein to the contrary, (a) the rights and obligations of each Assignor hereunder are several and not joint and several, (b) Enerplus shall have no rights or obligations as a result of the execution and delivery of this Assignment by Enerplus (i) for any breach of this Assignment by Chief or Radler or (ii) under the Chief/Radler Purchase Agreement and (c) neither Chief nor Radler shall have any rights or obligations as a result of the execution and delivery of this Assignment by either Chief or Radler (i) for any breach of this Assignment by Enerplus or (ii) under the Enerplus Purchase Agreement.

4.2 **Exhibits.** The Exhibits attached hereto are incorporated herein by reference for all purposes, and references to this Assignment shall also include such Exhibits unless the context in which used shall otherwise require.

4.3 **Binding Effect.** This Assignment shall bind and inure to the benefit of Assignors and Assignee and their respective successors, assigns and legal representatives.

4.4 **Counterparts; Recordation.** This Assignment may be executed in any number of counterparts, each of which shall be of equal dignity and all of which shall constitute but one and the same instrument. To facilitate recordation or filing of this Assignment, each counterpart filed with a county or state agency or office may contain only those portions of the Exhibits to this Assignment that describe property under the jurisdiction of that agency or office. A complete copy of this Assignment has been filed and recorded in Marshall County, West Virginia.

[Signature Pages Follow]

IN WITNESS WHEREOF, each of the parties hereto has executed this Assignment to be effective as of 7:00 a.m. local time of the location of the Subject Properties on July 1, 2010 (the "**Effective Date**").

ASSIGNORS:

Chief Exploration & Development LLC

By: _____
Name: Glynne Mildren
Title: Senior Vice President - Land

Chief Oil & Gas LLC

By: _____
Name: Glynne Mildren
Title: Senior Vice President - Land

Radler 2000 Limited Partnership
By: Tug Hill, Inc., its General Partner

By: _____
Name: Michael G. Radler
Title: President

Enerplus Resources (USA) Corporation

By: _____
Name: Roxanne Forst
Title: Attorney-in-Fact

ASSIGNEE:

Chevron U.S.A. Inc.

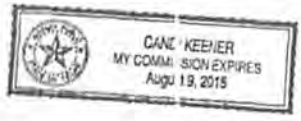
By: Ann Wacker
Name: Ann Wacker
Title: Assistant Secretary

STATE OF TEXAS §

COUNTY OF DALLAS §

On this, the 23rd day of June, 2011, before me, the undersigned officer, personally appeared Glynne Mildren, who acknowledged himself to be the Senior Vice President – Land of **Chief Exploration & Development LLC** and that he as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the limited liability company by him as said officer.

In Witness Whereof, I hereunto set my hand and official seal.

(Notarial Seal) 

My Commission expires: _____

STATE OF TEXAS §

COUNTY OF DALLAS §

On this, the 23rd day of June, 2011, before me, the undersigned officer, personally appeared Glynne Mildren, who acknowledged himself to be the Senior Vice President – Land of **Chief Oil & Gas LLC**, and that he as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the limited liability company by him as said officer.

In Witness Whereof, I here unto set my hand and official seal.

(Notarial Seal)

My Commission expires: _____

STATE OF TEXAS §

COUNTY OF DALLAS §

On this, the 23rd day of June, 2011, before me, the undersigned officer, personally appeared Michael G. Radler, who acknowledged himself to be the President of **Tug Hill, Inc., the General Partner of Radler 2000 Limited Partnership**, and that he as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing on behalf of the corporation by him as said officer.

In Witness Whereof, I hereunto set my hand and official seal.

(Notarial Seal) NOTARY PUBLIC STATE OF TEXAS Mark Wilson My Commission Expires 05/28/2013

My Commission expires: _____

STATE OF TEXAS §

COUNTY OF DALLAS §

On this, the 23rd day of June, 2011, before me, the undersigned officer, personally appeared Roxanne Forst, known to me to be the person whose name is subscribed as attorney-in-fact for **Enerplus Resources (USA) Corporation**, and acknowledged that she executed the same as the act of her principal for the purposes therein contained.

In Witness Whereof, I hereunto set my hand and official seal.

(Notarial Seal) NOTARY PUBLIC STATE OF TEXAS Mark Wilson My Commission Expires 05/28/2013

My Commission expires: _____

BOOK 025 PAGE 008

STATE OF TEXAS §

COUNTY OF DALLAS §

On this, the 24th day of June, 2011, before me, the undersigned officer, personally appeared Ann Wacker, who acknowledged herself to be the Assistant Secretary of **Chevron U.S.A. Inc.**, and that she as such officer, being authorized to do so, executed the foregoing instrument for the purposes therein contained, by signing the name of the corporation by her as said officer.

In Witness Whereof, I hereunto set my hand and official seal.

(Notarial Seal)

COREY J MEISTER
Notary Public, State of Texas
My Commission Expires
July 17, 2014

My Commission expires: _____

Jan Pest
MARSHALL County 09:06:51 AM
Instrument No 1308157
Date Recorded 07/21/2011
Document Type ASN
Pages Recorded 104
Book-Page 25-1
Recording Fee $104.00
Additional $16.00

Exhibit "C"
(Contracts)

Attached to and made a part of that certain Assignment and Bill of Sale made by and among Chief Exploration & Development LLC, Chief Oil & Gas LLC, (jointly "Chief"), Radler 2000 Limited Partnership, ("Radler" and together with Chief "Chief/Radler"), and Enerplus Resources (USA) Corporation, ("Enerplus" and together with Chief/Radler, "Assignors"), and Chevron U.S.A. Inc., Multiple Counties, State of West Virginia.

CONTRACT ID	DESCRIPTION	CONTRACT DATE	ALL PARTIES	CONTRACT NAME	COUNTY	STATE
NECES-C056	Impoundments/ Frac pit agmts.	01/14/11	Grimm Lumber, Inc. and Elmer C. Grimm, Jr., and Mary Ann Grimm, husband and wife, Grantor, Chief Exploration & Development LLC, Grantee, Chief Oil & Gas LLC, Operator	Surface Lease (FWIS) - Grimm Lumber, Inc.	PRESTON	WV
NECES-C057	Impoundments/ Frac pit agmts.	03/24/11	Kenneth W. Chidester and Helen L. Chidester, husband and wife, Grantor, Chief Exploration & Development LLC, Grantee, Chief Oil & Gas LLC, Operator	Surface Lease (Fresh Water Impoundment Site) - Kenneth W. Chidester, et ux	PRESTON	WV
	Assignment and Assumption of Agreement	02/01/11	CHIEF GATHERING, LLC CAIMAN PENN MIDSTREAM, LLC	Agreement for Caiman to transfer its rights under the May 1, 2009 Appalachian Gas Gathering Agreement to Chief Gathering limited to the Grimm Lease	PRESTON	WV
LEGAL-C522	Seismic Agreement		Chief Oil & Gas LLC, Licensor Marathon Oil Company, Licensee	Seismic Data License Agreement	PRESTON FAYETTE	WV PA

STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, IAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 6th day of July 2010, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 21st day of July 2011 at 9:06 o'clock A.M.

TESTE: Jan Pest Clerk

CPA SM 8-11

Book-Page 24-466
Cross Reference
ASN 24-491

BOOK 024 PAGE 466

AB RESOURCES LLC
6802 W SNOWVILLE RD SUITE E
BRECKSVILLE OH 44141

ASSIGNMENT OF OIL AND GAS LEASES

This Assignment of Oil and Gas Leases (the "Assignment") is from AB RESOURCES LLC and NPAR, LLC, both of which are Delaware limited liability companies, and whose addresses are 6802 W. Snowville Road, Suite E, Brecksville, Ohio 44141 (collectively referred to as "Assignor") to CHIEF EXPLORATION & DEVELOPMENT LLC, a Texas limited liability company, whose address is 5956 Sherry Lane, Suite 1500, Dallas, Texas, and RADLER 2000 LIMITED PARTNERSHIP, a Texas limited partnership, whose address is 3131 W. Seventh Street, Suite 400, Fort Worth, Texas 76107 (referred to jointly as "Assignee").

For adequate consideration the receipt of which is acknowledged, Assignor, subject to the terms and provisions herein contained as well as the reservations herein after set forth, does hereby grant, sell, assign and convey unto Assignee, its successors and assigns, an undivided fifty percent (50%) working interest in, to and under the Oil and Gas Leases identified on Exhibit "A" attached to and made a part hereof covering the lands described on Exhibit "A".

For purposes of this Assignment (a) the Oil and Gas Leases described on Exhibit "A" are referred to as the "Leases", (b) the lands covered by the Leases are referred to as the "Lands", and (c) the undivided fifty percent (50%) working interest in, to and under the Leases and the Lands assigned and conveyed by Assignor to Assignee pursuant to this Assignment hereinafter collectively are referred to as the "Assigned Interests".

This Assignment is made expressly subject to the following:

1. The Assigned Interests will be subject to (i) the royalty interest as provided in the Leases and any recorded assignment of the Leases to Assignor, and (ii) all of the terms, conditions and provisions set forth in the Leases and/or such assignment of the Leases to Assignor.

2. The Assigned Interests will be subject to that certain Operating Agreement (the "Agreement") that was part of and associated with that certain Participation Agreement dated November 29, 2007 between AB Resources LLC and Chief Exploration & Development LLC, the Participation Agreement having since terminated. All the terms and provisions of the Agreement are fully incorporated herein by reference.

3. Assignor warrants the title to the Assigned Interests unto Assignee, its successors and assigns, against all adverse claims arising by, through and under Assignor, but not otherwise. EXCEPT AS PROVIDED IN THE PRECEDING SENTENCE AND EXCEPT AS PROVIDED IN THE UNRECORDED AGREEMENT, THIS ASSIGNMENT IS WITHOUT WARRANTY, EXPRESS, IMPLIED, OR STATUTORY, WHATSOEVER

Jan Pest
MARSHALL County 12:40:32 PM
Instrument No 1306862
Date Recorded 06/27/2011
Document Type ASN
Pages Recorded 24
Book-Page 24-466
Recording Fee $24.00
Additional $8.00

4. The Assigned Interests herein are assigned and conveyed to and are owned by Assignees in the following undivided proportions:

Chief Exploration & Development LLC	80%
Radler 2000 Limited Partnership	20%

5. Save and except the Assigned Interests, all other rights, titles and interests owned by Assignor in, to and under the Leases and the Lands are expressly reserved by Assignor and are not herein conveyed or assigned to Assignee.

The terms, covenants and conditions hereof shall be binding upon and shall inure to the benefit of Assignor and Assignee and their respective successors and assigns; and such terms, covenants and conditions shall be covenants running with the Assigned Interests, and with each subsequent transfer or assignment thereof.

This Assignment is executed by Assignor on the date indicated in its acknowledgment included herewith.

AB RESOURCES LLC, ASSIGNOR

AB LEGAL CLS 6-16-11

By: _____
Gordon O. Yonel
Its: Chief Executive Officer

NPAR, LLC, ASSIGNOR

AB LEGAL CLS 6-16-11

By: _____
Gordon O. Yonel
Its: Chief Executive Officer

BOOK 024 PAGE 468

ASSIGNEES

CHIEF EXPLORATION & DEVELOPMENT LLC

By: Glynda Mildren

Its: Senior Vice President - Land

RADLER 2000 LIMITED PARTNERSHIP

By: Michael G. Radler

Its: President of Tug Hill, Inc.
General Partner of
Radler 2000 Limited Partnership

ACKNOWLEDGMENTS

State of Ohio)
) ss:
County of Cuyahoga)

On this 14th day of June 2011, personally appeared Gordon O. Yonel, Chief Executive Officer of AB Resources LLC, to me personally known, who, being by me duly sworn, did say that he has executed the foregoing document for the purposes described herein for and on behalf of such limited liability company.

WITNESS MY HAND AND SEAL this 14th day of June 2011.

My Commission Expires:

11-9-13

Patricia A. Gill
Notary Public

PATRICIA A. GILL
NOTARY PUBLIC
STATE OF OHIO
STARK COUNTY
My Comm. Expires
November 9, 2013

BOOK 024 PAGE 469

State of Ohio)
) ss:
County of Cuyahoga)

On this 16th day of June 2011, personally appeared Gordon O. Yonel, Chief Executive Officer of NPAR, LLC, to me personally known, who, being by me duly sworn, did say that he has executed the foregoing document for the purposes described herein for and on behalf of such limited liability company.

WITNESS MY HAND AND SEAL this 16th day of June 2011.

My Commission Expires:

11-9-13

PATRICIA A. GILL
NOTARY PUBLIC
STATE OF OHIO
STARK COUNTY
My Comm. Expires
November 9, 2013

Patricia A. Gill
Notary Public

State of Texas)
) ss:
County of Dallas)

On this 22nd day of June 2011, personally appeared Glynne Mildren, the Sr. VP-Land of Chief Exploration & Development LLC, to me personally known, who, being by me duly sworn, did say that he has executed the foregoing document for the purposes described herein for and on behalf of such limited liability company.

WITNESS MY HAND AND SEAL this 22nd day of June 2011.

My Commission Expires:

MARIE G. VEIT
My Commission Expires
July 01, 2013

Marie G. Veit
Notary Public

BOOK 024 PAGE 470

State of Texas)
) ss:
County of Dallas)

On this 24th day of June 2011, personally appeared Michael G. Radler the General Partner of Radler 2000 Limited Partnership, to me personally known, who, being by me duly sworn, did say that he has executed the foregoing document for the purposes described herein for and on behalf of such limited partnership.

WITNESS MY HAND AND SEAL this 24th day of June 2011.

My Commission Expires:

MARIE G. VEIT
My Commission Expires
July 01, 2013

Notary Public

PREPARED BY:
AB RESOURCES LLC

AFTER RECORDING RETURN TO:
AB RESOURCES LLC
6802 W. Snowville Rd., Suite E
Brecksville, OH 44141
PH 440.922.1250

Also, #7 stands for instrument – what the oil and gas lease would've been filed under.
I'm still waiting on guidance back from our land group on #6, but wanted to get the 6B back to you in case there were any further issues that needed resolved.

Thanks,
Kristen

From: Adkins, Laura L [mailto:Laura.L.Adkins@wv.gov]
Sent: Tuesday, August 18, 2015 1:36 PM
To: Brooks, Kristen R
Cc: Nicholson, James I
Subject: Chevron Cox Pad; 10H API no. 51-01848

Kristen,

I have reviewed the above referenced permit application and have the following items to be addressed before the permit can be issued:

1. 6B- We cannot accept ranges on depths. The saltwater depth is listed as a range...please list the shallowest expected saltwater and the deepest.
2. 6B- Maximum surface casing for this well would be 694' which is 150' past the freshwater depth, you have 710' noted.
3. 6B-The production hole is 200' shorter than the casing depth.
4. 6B-The horizontal length on the 6B is 200' less than the horizontal length on the plat.
5. 6B-item #19 does not jive with the freshwater listed on page 1 of the 6B.
6. 6A-1 The leases do not show a clear conveyance from Trienergy to AB, NPAR to AB, Enerplus out to Chevron, etc.
7. 6A-1 The term "Inst" is used on the 6A-1, what kind of document is this referring to?

Please note: We have noticed many surveyors are only showing the tracts the lateral is crossing on the mylars...The Rule states that all mineral tracts be shown within the scope of the plat and all surface boundaries adjacent to the drill tracts. We are asking operators to add these features to the mylar on any new applications submitted from this point on.

Let me know if you have questions or need additional information.

Laura L. Adkins
Environmental Resource Specialist III
Permit Review
WVDEP Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304
304-926-0499 ext. 1495

THE ITEMS REQUESTED IN THIS EMAIL WILL NEED TO BE RECEIVED BY THE OFFICE OF OIL AND GAS WITHIN **20 DAYS** TO AVOID THE PERMIT APPLICATION BEING RETURNED. IF AN OPERATOR WISHES TO RESUBMIT AN APPLICATION THAT HAS BEEN RETURNED, THE OPERATOR IS REQUIRED TO COMPLETE AND SUBMIT NEW FORMS, MYLAR PLAT AND ASSOCIATED FEES.

WW-6AC
(1/12)

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

Date of Notice Certification: 8/15/15

API No. 47- 05-101848
Operator's Well No. 10H
Well Pad Name: Cox

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:	West Virginia	UTM NAD 83 Easting:	528589.06
County:	Marshall	Northing:	4413716.63
District:	Cameron	Public Road Access:	CR 17 Fork Ridge Rd
Quadrangle:	Glen Easton, WV 7.5'	Generally used farm name:	Cox
Watershed:	Middle Grave Creek - Grave Creek		

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	OOG OFFICE USE ONLY
☐ 1. NOTICE OF SEISMIC ACTIVITY or ☒ NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED	☐ RECEIVED/ NOT REQUIRED
☒ 2. NOTICE OF ENTRY FOR PLAT SURVEY or ☐ NO PLAT SURVEY WAS CONDUCTED	☐ RECEIVED
☒ 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)	☐ RECEIVED/ NOT REQUIRED
☒ 4. NOTICE OF PLANNED OPERATION	☐ RECEIVED
☒ 5. PUBLIC NOTICE	☐ RECEIVED
☒ 6. NOTICE OF APPLICATION	☐ RECEIVED

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.

Received
Office of Oil & Gas
MAY 26 2015

WW-6AC
(1/12)

05101848

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	Address:	800 Mountain View Drive
By:	Jenny Hayes		Smithfield, PA 15478
Its:	Permitting Team Lead	Facsimile:	724-564-3894
Telephone:	724-564-3781	Email:	

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Kristen Brooks, Notary Public
Smithfield Boro, Fayette County
My Commission Expires Sept. 2, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Subscribed and sworn before me this 20th day of May, 2015.

Kristen Brooks Notary Public

My Commission Expires Sept 2, 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 & Gas
MAY 26 2015

WW-6A
(9-13)

API NO. 47- 05 101848
OPERATOR WELL NO. 10H
Well Pad Name: Cox

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: 3/27/15 **Date Permit Application Filed:** 5/22/15

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: Mark K Cox
Address: 7256 Fork Ridge Rd
Glen Easton, WV 26039
Name:
Address:

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name:
Address:
Name:
Address:

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

☑ COAL OWNER OR LESSEE
Name: CNX Gas Company, LLC
Address: 1000 Consol Energy Dr
Canonsburg, PA 15317

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

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Gary R Thomas
Address: 7206 Fork Ridge Rd
Glen Easton, WV 26039

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

*Please attach additional forms if necessary

Received
Office of Oil & Gas
MAY 26 2015

WW-6A
(9-13)

API NO. 47- 051 01848
OPERATOR WELL NO. 10H
Well Pad Name: Cox

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: _____ **Date Permit Application Filed:** _____

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: _____
Address: _____
_____
Name: _____
Address: _____
_____

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
_____
Name: _____
Address: _____
_____

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

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____
_____

☐ COAL OPERATOR
Name: _____
Address: _____
_____

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Harry S. Jr. & Ricilyn Aston
Address: 7171 Fork Ridge Rd
Glen Easton, WV 26039

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

*Please attach additional forms if necessary

Received
Office of Oil & Gas
MAY 26 2015

WW-6A
(8-13)

API NO. 47- 05 101848
OPERATOR WELL NO. 10H
Well Pad Name: Cox

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

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

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

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

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

Received
Office of Oil & Gas
MAY 29 2015

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:

Received
Office of Oil & Gas
MAY 26 2015

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

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

WW-6A
(8-13)

API NO. 47- 05 1 01848
OPERATOR WELL NO. 10H
Well Pad Name: Cox

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 & Gas
MAY 26 2015

WW-6A
(8-13)

API NO. 47-051018448
OPERATOR WELL NO. 10H
Well Pad Name: Cox

Notice is hereby given by:

Well Operator: Chevron Appalachia, LLC
Address: 800 Mountain View Drive
Smithfield, PA 15478
Telephone: 724-564-3700
Facsimile: 724-564-3894
Email:

Jenny Hayes

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.

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Rhondalyn C. Jackson, Notary Public
Smithfield Boro. Fayette County
My Commission Expires Sept. 25, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Subscribed and sworn before me this 26th day of March 2015.

Rhondalyn Jackson Notary Public

My Commission Expires Sept. 25, 2018

Received
Office of Oil & Gas
MAY 26 2015

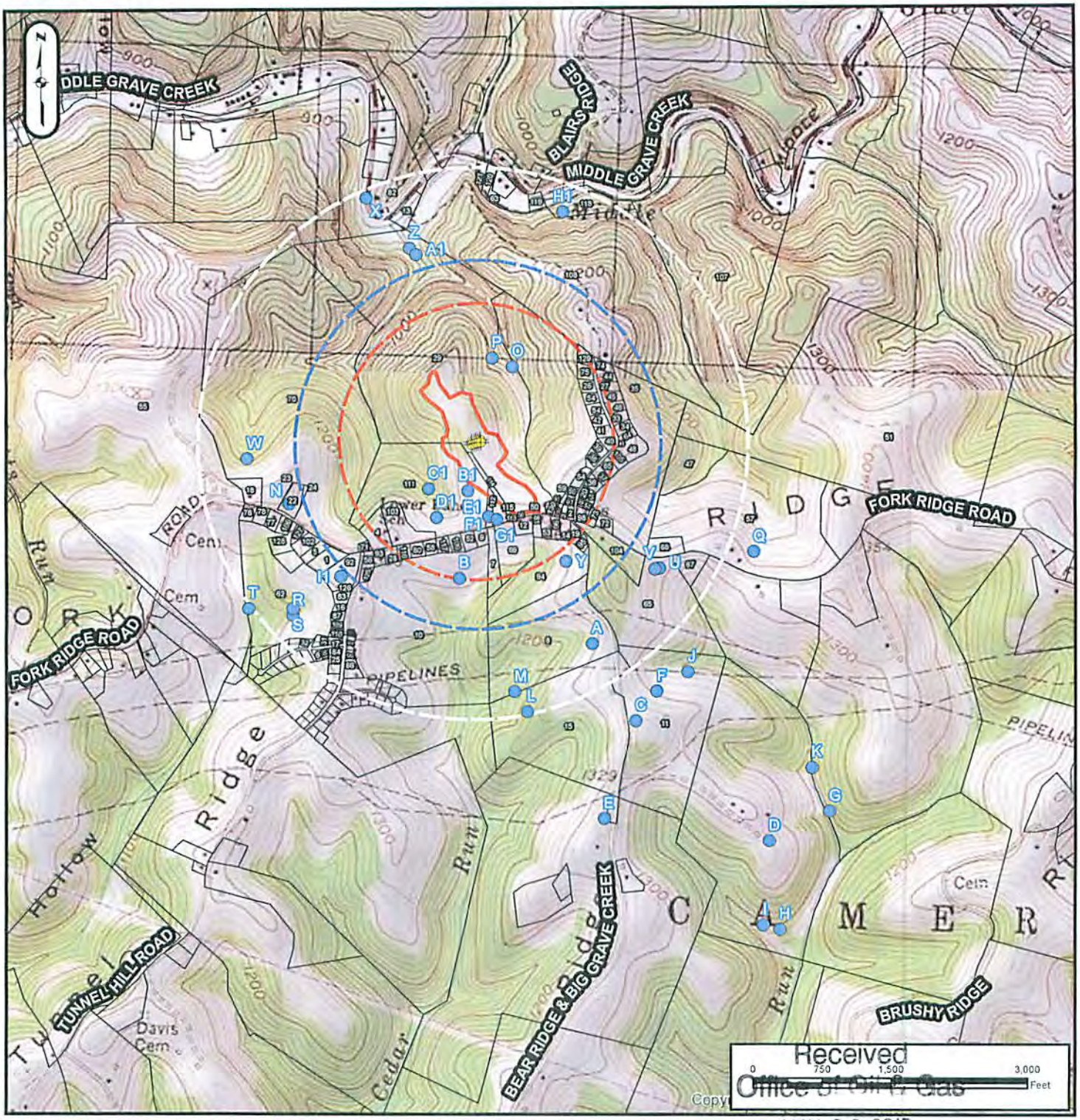
05101848 05101848

WATER SUPPLY EXHIBIT

COX

Date: 3/31/2015

Blue Mountain Inc.



SURFACE OWNER:	MARK K. COX	COUNTY:	MARSHALL
OIL/GAS OWNER:	MARK K. COX	DISTRICT:	CAMERON
WELL OPERATOR:	CHEVRON APPALACHIA, LLC	SURVEYOR:	BLUE MOUNTAIN INC.
ADDRESS:	800 MOUNTAIN VIEW DRIVE SMITHFIELD, PA 15478	ADDRESS:	10125 MASON DIXON HIGHWAY BURTON, WV 26562
PHONE:	724-564-3700	PHONE:	304-662-6486

05101848

WATER SUPPLY EXHIBIT
COX

Date: 3/31/2015

Blue Mountain Inc.

#	TAX MAP #	NAME (last name first)
1	3-11B/7	ABC ENTERPRISES LLC
2	3-1A/7	ADAMS, JOHN F. & JOY DEE
3	3-1A/6	ADAMS, JOHN F. & JOY DEE
4	3-1/10	ALBERT, MARK A. & BRIDGET M.
5	3-11B/6	ARNOLD, JOHN ~~MCCAMICK, ADAM L.~~
6	3-11A/68	Arnold, Robert ~~SMITH, JOHN W.~~
7	3-11/10	ASTON, HARRY S. JR. & RICILYN
8	3-11/11	ASTON, HARRY S. JR. & RICILYN
9	3-11B/20	ASTON, HARRY S. JR. & RICILYN
10	3-11/9.2	ASTON, HARRY S. JR. & RICILYN
11	3-11/13	ASTON, MARY M.
12	3-11/10.1	BLAKE, VIRGINIA R. & DAVID D.
13	3-1/14.3	BLAKEMORE, DELORIS M.
14	3-11/19	BRIGGS, MARIA T. & WILLIAM W.
15	3-11/14	BUNGARD, JOHN JR.
16	3-11A/38	BUNGARD, PATRICIA
17	3-11A/42	BUNGARD, PATRICIA
18	3-1/9	BURNS, ALFRED L. & BELINDA F.
19	3-11/20	CARNEY, SAMUEL E. & LITA M.
20	3-1A/10	CARTER, GEORGE L. & PHYLLIS J.
21	3-1A/34	CARTER, GEORGE L. & PHYLLIS J.
22	3-1/9.2	CHAMBERS, GARY L.
23	3-1/9.3	CHAMBERS, GARY L.
24	3-1/9.4	CHAMBERS, GARY L.
25	3-11A/44	CONNER, BRENT A.
26	3-1A/24	CONSOLIDATION COAL COMPANY
27	3-1A/29	CONSOLIDATION COAL COMPANY
28	3-11B/13	CORLEY, MICHAEL S.
29	3-1/13	COX, MARK K.
30	3-1/11.3	COX, MARK K.
31	3-11A/53	CRISWELL, KIMBERLY
32	3-11A/55	DAVIS, LEONARD F. SR. & LINDA K.
33	3-1A/32	Dispasquale, John Jr. & Julie ~~CAIN, ROBERT H. & MARTHA L.~~
34	3-1A/33	Dispasquale, John Jr. & Julie ~~CAIN, ROBERT H. & MARTHA L.~~
35	3-1/13.2	DOBBS, DANIEL L.
36	3-1A/11	DOBBS, DANIEL L.
37	3-1A/12	DOBBS, DANIEL L.
38	3-1A/17	DOBBS, DANIEL L.
39	3-1A/18	DOBBS, DANIEL L.
40	3-1A/19	DOBBS, DANIEL L.
41	3-1A/20	DOBBS, DANIEL L.
42	3-1A/21	DOBBS, DANIEL L.
43	3-1A/26	DOBBS, DANIEL L.
44	3-1A/28	DOBBS, DANIEL L.
45	3-1A/30	DOBBS, DANIEL L.
46	3-1A/31	DOBBS, DANIEL L.
47	3-1/20	DOBBS, DANIEL L.
48	3-1A/15	DOBBS, SANDRA L.
49	3-1A/16.1	DOBBS, SANDRA L.
50	3-1/13.3	DOBBS, SHERRILL
51	3-1/22	DOBBS, TERRY & CATHERINE
52	3-11B/19	DUNCAN, LEVI R.
53	3-11/17	EAKLE, BRANDON A.
54	3-1A/22	ESTEL, BRANDON M. & ANDREA M.
55	3-1/7	FORSHEY, RICHARD P.
56	3-11B/11	FYE, STEPHEN M.
57	3-1/21	GATTS-FISH, PATSY C.
58	3-11B/16	GAYDA, FRANK M.
59	3-1A/3	GILLES, GARY J.
60	3-1A/4	GILLES, GARY J.
61	3-1A/5	GILLES, GARY J.
62	3-11/9.3	GLASGOW, MARK S.
63	15-16/5.3	GRANT, ROBERT V.
64	3-1A/16	GRAY, KIRSTEN L.
65	3-11/12	HARRIS, C. WILLIAM
66		HARRIS, C. WILLIAM
67	3-11/12.1	HARRIS, C. WILLIAM
68	3-1/21.1	HARRIS, C. WILLIAM
69	3-11/10.2	HARRIS, PATTY L.
70	3-1/9.1	HEATER, SAMUEL J. & SANDRA
71	3-1/10.1	HEATER, SAMUEL J. & SANDRA
72	3-1/13.4	HEATHERLY, WALTER L. & GERALDINE A.
73	3-1A/9	HEATHERLY, WALTER L. & GERALDINE A.
74	3-1A/27	HENRY, PATRICIA & ROBERT
75	3-1A/25	KIDWELL, PATRICK T. & CYNTHIA J.
76	3-11B/1	KIGER, LONNIE R.
77	3-11B/2	LAMASTER, TERESA SHREVE, JERRY D.
78	3-11B/1.1	LIGHTNER, JOHN & CATHY
79	1-11A/54	LIGHTNER, JOHN D. JR.
80	3-11B/15	LITTLETON, PATRICIA A.
81	3-11/16	LITTLETON, RANDALL
82	14-13/64	MAGERS, DENNIS W. & DIANN
83	3-11B/9	MARTIN, GEORGE
84	3-11A/43	MCCARTNEY, PAUL G.
85	3-1A/13	MESSNER, WILLIAM G.
86	3-11A/16	MORGAN, BERYL & TERESA
87	3-11A/39	MORRIS, RALPH
88	3-1A/9999.9	NA
89	3-1A/9999.9	NA
90	3-1A/9999.9	NA
91	3-1A/9999.2	NA
92	3-11B/9999.2	NA
93	3-11B/12	NICE, WILLIAM E.
94	3-11/11.1	O'NEIL, RONALD B.
95	3-11/21	O'NEIL, RONALD B.
96	3-11/18	O'NEIL, TRAVIS A.
97	3-1A/2	ROSE, JEAN M.
98	3-1A/8	RUSH, TERESA L.
99	3-1A/8.1	RUSH, TERESA L.
100	3-11B/18	RUSH-HENDERSON, DEBORAH L.
101	3-11A/69	SALKOVICK, CHRISTINA R.
102	3-11B/5	SCHAFER, JASON W. & BRANDY H.
103	3-1/11.5	SIMMONS, LEA MARIE & PAUL E.
104	3-1/13.1	STANDIFORD, JOSEPH J. & ANGELA S.
105	3-1A/14	STICKLER, GREYSON YEAGER, HERBERT E.
106	3-11B/3	STONEKING, MARK T.
107	3-1/19	SUAREZ, PAMELA J.
108	3-1/18	SUAREZ, PAMELA J.
109	3-11A/40	TENNANT, GEORGE B.
110	3-11A/41	TENNANT, GEORGE B.
111	3-1/11	THOMAS, GARY R.
112	3-1/11.1	THOMAS, GARY R.
113	3-1/11.2	THOMAS, GARY R.
114	3-1/11.4	THOMAS, GARY R.
115	3-1/12	THOMAS, GARY R.
116	3-11B/14	THOMAS, JAMES M.
117	3-11B/17	TOWNSEND, JOYCE M. & MARVIN K.
118	3-1/18.1	TYLER, LINDA S.
119	15-16/5.1	TYLER, LINDA S.
120	15-16/5.4	TYLER, WILLIAM A.
121	15-16/5.2	TYLER, WILLIAM A.
122	3-11A/15	WELLS, ROY & CARLA L.
123	3-11A/13.1	WILHELM, SEAN D.
124	3-11A/13	WILHELM, SEAN D.
125	3-11B/10	WOODS, MICHAEL S. & RIANN R.
126	3-11B/8	WOODS, ROBEY L.
127	3-11B/4	WOODS-WHIPKEY, KATHRYN M.
128	3-11B/21	WOODS-WHIPKEY, KATHRYN M.
129	3-1A/1	ICARD ANGELA B.

Received
Office of Oil & Gas
MAY 26 2015

05101848

WATER SUPPLY EXHIBIT

Date: 3/31/2015

COX

Blue Mountain Inc.

LETTER	NAME	SUPPLY	LAT	LON	PHONE
A	ASTON, HARRY S. JR. & RICILYN	SPRING	39.867073	-80.66106	304-238-8307
B	ASTON, HARRY S. JR. & RICILYN	SPRING	39.868893	-80.66635	304-238-8307
C	ASTON, MARY M.	WELL	39.864816	-80.659248	304-845-0515
D	ASTON, MARY M.	WELL	39.861409	-80.653956	304-845-0515
E	ASTON, MARY M.	WELL	39.861909	-80.66038	304-845-0515
F	ASTON, MARY M.	SPRING	39.865714	-80.658463	304-845-0515
G	ASTON, MARY M.	SPRING	39.862363	-80.651656	304-845-0515
H	ASTON, MARY M.	POND	39.858792	-80.653432	304-845-0515
I	ASTON, MARY M.	POND	39.858893	-80.654074	304-845-0515
J	ASTON, MARY M.	STREAM	39.866325	-80.657299	304-845-0515
K	ASTON, MARY M.	STREAM	39.863632	-80.6524	304-845-0515
L	BUNGARD, JOHN JR.	SPRING	39.864991	-80.66352	304-830-4439
M	BUNGARD, JOHN JR.	SPRING	39.865559	-80.664035	304-830-4439
N	CHAMBERS, GARY L.	WELL	39.870945	-80.673	304-312-0061
O	COX, MARK K.	STREAM	39.875266	-80.664537	304-845-1100
P	COX, MARK K.	SPRING	39.875502	-80.665327	304-845-1100

DISTANCE FROM WELL										
	2H	4H	6H	8H	10H	12H	14H	16H	18H	20H
A	2554	2547	2540	2534	2528	2525	2518	2511	2505	2499
B	1477	1486	1495	1505	1515	1449	1458	1468	1478	1488
C	3520	3514	3507	3501	3495	3491	3485	3478	3472	3465
D	5399	5390	5380	5371	5362	5371	5362	5353	5343	5334
E	4321	4319	4317	4316	4314	4291	4289	4288	4286	4284
F	3384	3375	3366	3357	3348	3356	3347	3338	3329	3320
G	5581	5569	5556	5544	5532	5555	5542	5530	5518	5506
H	6319	6311	6304	6297	6290	6290	6283	6275	6268	6261
I	6121	6114	6107	6100	6094	6092	6085	6078	6071	6065
J	3439	3427	3415	3404	3392	3412	3401	3389	3377	3366
K	5114	5101	5088	5075	5063	5088	5075	5062	5050	5037
L	2981	2983	2984	2986	2988	2951	2953	2954	2956	2959
M	2747	2750	2752	2755	2758	2717	2720	2722	2725	2728
N	2085	2110	2135	2160	2185	2083	2108	2133	2158	2183
O	946	929	912	896	880	968	951	935	919	904
P	954	942	931	920	909	980	969	958	947	937

Received
Office of Oil & Gas
MAY 26 2015

05 101848

WATER SUPPLY EXHIBIT

Date: 3/31/2015

COX

Blue Mountain Inc.

LETTER	NAME	SUPPLY	LAT	LON	PHONE
Q	GATTS-FISH, PATSY C.	SPRING	39.869964	-80.654901	304-845-4677
R	GLASGOW, MARK S	SPRING	39.86762	-80.672745	304-843-5052
S	GLASGOW, MARK S	SPRING	39.867827	-80.672749	304-843-5052
T	GLASGOW, MARK S	SPRING	39.867788	-80.674438	304-843-5052
U	HARRIS, C. WILLIAM	WELL	39.869384	-80.658529	304-845-1316
V	HARRIS, C. WILLIAM	CISTERN	39.869351	-80.658701	304-845-1316
W	HEATER, SAMUEL J. & SANDRA	SPRING	39.872236	-80.674685	304-845-1365 OR 304-639-0712
X	MAGERS, DENNIS W. & DIANN	WELL	39.880135	-80.670411	304-845-5312 304-559-8414 CELL
Y	O'NEIL, RONALD B.	SPRING	39.869504	-80.662172	304-780-7357
Z	SUAREZ, PAMELA J.	STREAM	39.878674	-80.668659	304-845-3893
A1	SUAREZ, PAMELA J.	STREAM	39.878489	-80.668404	304-845-3893
B1	THOMAS, GARY R.	SPRING	39.871487	-80.666111	304-843-1262
C1	THOMAS, GARY R.	SPRING	39.871513	-80.667646	304-843-1262
D1	THOMAS, GARY R.	POND	39.870672	-80.667292	304-843-1262
E1	THOMAS, GARY R.	WELL	39.870749	-80.665258	304-843-1262
F1	THOMAS, GARY R.	CISTERN	39.870753	-80.665263	304-843-1262

DISTANCE FROM WELL										
	2H	4H	6H	8H	10H	12H	14H	16H	18H	20H
Q	3309	3289	3269	3249	3229	3291	3271	3251	3231	3211
R	2702	2724	2746	2768	2790	2688	2710	2732	2754	2776
S	2649	2671	2693	2716	2738	2635	2658	2680	2702	2725
T	3014	3037	3060	3084	3107	3003	3026	3050	3073	3096
U	2474	2458	2441	2425	2409	2452	2435	2419	2402	2386
V	2440	2423	2407	2392	2376	2417	2401	2384	2368	2352
W	2440	2465	2490	2514	2539	2446	2471	2495	2520	2544
X	2893	2897	2901	2905	2909	2923	2927	2931	2935	2939
Y	1657	1647	1637	1628	1619	1630	1619	1610	1600	1591
Z	2214	2215	2217	2218	2220	2244	2245	2246	2248	2250
A1	2127	2128	2129	2130	2131	2157	2158	2159	2160	2161
B1	530	539	549	559	571	502	511	521	533	545
C1	689	710	732	753	775	673	695	717	739	762
D1	898	915	931	948	966	876	892	909	927	945
E1	828	829	831	834	837	798	799	801	804	807
F1	826	827	829	832	835	796	797	799	802	806

Received
Office of Oil & Gas
MAY 26 2015

Date: 3/31/2015

WATER SUPPLY EXHIBIT
COX

05101848

Blue Mountain Inc.

LETTER	NAME	SUPPLY	LAT	LON	PHONE
G1	THOMAS, GARY R.	SPRING	39.870679	-80.664933	304-843-1262
H1	TYLER, LINDA S.	SPRING	39.879902	-80.662714	304-810-4410
I1	WOODS, ROBEY L.	WELL	39.868834	-80.67093	304-845-2765

DISTANCE FROM WELL										
	2H	4H	6H	8H	10H	12H	14H	16H	18H	20H
G1	881	879	879	879	880	851	849	849	849	850
H1	2702	2687	2672	2657	2642	2726	2711	2696	2681	2667
I1	2031	2052	2074	2096	2117	2016	2037	2059	2081	2103

Received
Office of Oil & Gas
MAY 26 2015

WW-6A3
(1/12)

Operator Well No. 08-29-2014

STATE OF WEST VIRGINIA 05 101848
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: JAMES J. & KAREN P. CAVENEY
Address: 10 WOODS DRIVE
WHEELING, WV 26003
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT: 39°53'16" LON: 80°40'41"
County:	MARSHALL	Public Road Access:	CR 34, MIDDLE GRAVE CREEK ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	CAVENEY

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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 of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Received
Office of Oil & Gas
MAY 26 2015

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: DENNIS W. & DONNA CROW
Address: 972 HILL LANE
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT: 39°53'17" LON: 80°40'25"
County:	MARSHALL	Public Road Access:	CR 34/3 HILLS LANE ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	CROW

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

Received
Office of Oil & Gas
MAY 26 2015

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 8-22-2014 **Date of Planned Entry:** 8-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: DAVID LEE & KAREN BETH BEVERIDGE
Address: 850 HILLS LANE
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT: 39°53'9" LON: 80°40'8"
County:	MARSHALL	Public Road Access:	CR 34, MIDDLE GRAVE CREEK ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	BEVERIDGE

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

05101848 Operator Well No. COX

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: MURRAY ENERGY
Address: 46226 NATIONAL ROAD
SAINT CLAIRSVILLE, OH 43950
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT: 39°53'6" LON: 80°40'30"
County:	MARSHALL	Public Road Access:	CR 34, MIDDLE GRAVE CREEK ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	MURRAY

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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 of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Received
Office of Oil & Gas
MAY 26 2015

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: MURRAY ENERGY C/O LAND DEPARTMENT
Address: 46226 NATIONAL ROAD
SAINT CLAIRSVILLE, OH 43950
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°52'29" LON:80°39'42"
County:	MARSHALL	Public Road Access:	CR 17, FORK RIDGE ROAD
District:	CAMERON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	GLENN EASTON	Generally used farm name:	MURRAY ENERGY

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: MURRAY ENERGY C/O LAND DEPARTMENT
Address: 46226 NATIONAL ROAD
SAINT CLAIRSVILLE, OH 43950
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°52'29" LON:80°39'39"
County:	MARSHALL	Public Road Access:	CR 17, FORK RIDGE ROAD
District:	CAMERON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	GLEN EASTON	Generally used farm name:	MURRAY ENERGY

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: MURRAY ENERGY
Address: 46226 NATIONAL ROAD
SAINT CLAIRSVILLE, OH 43950
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT: 39°53'39" LON: 80° 39'60"
County:	MARSHALL	Public Road Access:	CR 34/3, HILLS LANE ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	MURRAY

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

Received
Office of Oil & Gas
MAY 26 2015

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: MURRAY ENERGY
Address: 46226 NATIONAL ROAD
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT: 39°52'58" LON: 80°40'41"
County:	MARSHALL	Public Road Access:	CR 34, MIDDLE GRAVE CREEK ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	MURRAY

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Dr. Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

Received
Office of Oil & Gas
MAY 26 2015

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: MURRAY ENERGY
Address: 46226 NATIONAL ROAD
SAINT CLAIRSVILLE, OH 43950
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT: 39°53'35" LON: 80° 40'4"
County:	MARSHALL	Public Road Access:	CR 34/3, HILLS LANE ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	MURRAY

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

Received
Office of Oil & Gas
MAY 26 2015

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.

WW-6A3
(1/12)

Operator Well No. COX
05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: SAMUEL J. & SANDRA HEATER
Address: 127 HH DRIVE
GLENN EASTEON, WV 26039
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°52'27" LON:80°40'24"
County:	MARSHALL	Public Road Access:	CR 17, FORK RIDGE ROAD
District:	CAMERON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	GLEN EASTON	Generally used farm name:	HEATER

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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 of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Received
Office of Oil & Gas
MAY 26 2015

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 8-22-2014 **Date of Planned Entry:** 8-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: BRANDON M. & ANDREA M. ESTEL
Address: 314 ALPINE LANE
GLEN EASTON, WV 26039
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°52'28" LON:80°39'41"
County:	MARSHALL	Public Road Access:	CR 17, FORK RIDGE ROAD
District:	CAMERON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	GLEN EASTON	Generally used farm name:	ESTEL

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive, Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

Received
Office of Oil & Gas
MAY 26 2015

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 8-22-2014 **Date of Planned Entry:** 8-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: DANIEL LEE DOBBS
Address: RD 1BOX 164
GLENN EASTON, WV 26039
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°52'21" LON:80°39'32"
County:	MARSHALL	Public Road Access:	CR 17, FORK RIDGE ROAD
District:	CAMERON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	GLEN EASTON	Generally used farm name:	DOBBS

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	[illegible]3894

Received
Office of Oil & Gas
MAY 26 2015

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 8-22-2014 **Date of Planned Entry:** 8-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: DANIEL LEE DOBBS
Address: RD 1BOX 164
GLENN EASTON, WV 26039
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°52'28" LON:80°39'46"
County:	MARSHALL	Public Road Access:	CR 17, FORK RIDGE ROAD
District:	CAMERON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	GLEN EASTON	Generally used farm name:	DOBBS

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 8-22-2014 **Date of Planned Entry:** 8-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: BRIAN L. KIDWELL
Address: RT 1 BOX 162
GLEN EASTON, WV 26039
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°52'31" LON:80°39'39"
County:	MARSHALL	Public Road Access:	CR 17, FORK RIDGE ROAD
District:	CAMERON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	KIDWELL

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

05101848 Operator Well No. COX

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 8-22-2014 **Date of Planned Entry:** 8-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: CYNTHIA J. & PATRICK T. KIDWELL
Address: 191 ALPINE LANE
GLEN EASTON, WV 26039
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°52'32" LON:80°39'42"
County:	MARSHALL	Public Road Access:	CR 17, FORK RIDGE ROAD
District:	CAMERON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	KIDWELL

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

Operator Well No. COX 05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: ROBERT HAROLD & MARTHA L. CAIN
Address: 225 ALPINE LANE
GLEN EASTON, WV 26039
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°52'26" LON:80°39'37"
County:	MARSHALL	Public Road Access:	CR 17, FORK RIDGE ROAD
District:	CAMERON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	GLEN EASTON	Generally used farm name:	CAIN

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

Operator Well No. COX

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: ROBERT HAROLD & MARTHA L. CAIN
Address: 225 ALPINE LANE
GLEN EASTON, WV 26039
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: WEST VIRGINIA
County: MARSHALL
District: CAMERON
Quadrangle: GLEN EASTON
Approx. Latitude & Longitude: LAT:39°52'25" LON:80°39'36"
Public Road Access: CR 17, FORK RIDGE ROAD
Watershed: MIDDLE GRAVE CREEK-GRAVE CREEK
Generally used farm name: CAIN

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given by:
Well Operator: Chevron North America Exploration and Production Company
Telephone: 724-564-3847
Email: dpalumbo@chevron.com
Address: 800 Mountain View Drive, Smithfield, Pa. 15478
Facsimile: 724-564-3694

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: GARRY R. THOMAS
Address: 7206 FORK RIDGE ROAD
GLEN EASTON, WV 26039
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°58'[illegible] LON:80°39'53"
County:	MARSHALL	Public Road Access:	CR 17, FORK RIDGE ROAD
District:	CAMERON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	THOMAS

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

05101848

Operator Well No. COX

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: GARRY R. THOMAS
Address: 7206 FORK RIDGE ROAD
GLENN EASTON, WV 26039
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°52'17" LON:80°40'04"
County:	MARSHALL	Public Road Access:	CR 17, FORK RIDGE ROAD
District:	CAMERON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	THOMAS

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847	Facsimile:	724-564-3894
Email:	dpalumbo@chevron.com		

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 8-22-2014 **Date of Planned Entry:** 8-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: DAVID L. & BRENDA J. WILSON
Address: 251 DEERFIELD DRIVE
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT: 39°53'57" LON: 80° 39'55"
County:	MARSHALL	Public Road Access:	CR 34/1 WAYMAN RIDGE ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	WILSON

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 8-22-2014 **Date of Planned Entry:** 8-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: DAVID L. & BRENDA J. WILSON
Address: 251 DEERFIELD DRIVE
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT: 39°53'57" LON: 80° 39'55"
County:	MARSHALL	Public Road Access:	CR 34/1 WAYMAN RIDGE ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	WILSON

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, PA 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

Received
Office of Oil & Gas
MAY 26 2015

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: JANE ELLEN FRANKLIN
Address: RD 1 BOX 400
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°53'49" LON:80°40'18"
County:	MARSHALL	Public Road Access:	CR 34/3, HILLS LANE ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	FRANKLIN

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, WV 26437
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

Received
Office of Oil & Gas
MAY 26 2015

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.

WW-6A3
(1/12)

Operator Well No. cox

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: JANE E. MAIDENS
Address: RD 1 BOX 398 B
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°53'40" LON:80°40'15"
County:	MARSHALL	Public Road Access:	CR34/3, HILLS LANE ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	MAIDENS

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

Operator Well No. 051018448

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: JAMES P. FRANKLIN, ET UX
Address: 121 NEWMAN LANE
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT: 39°53'42" LON: 80° 39'57"
County:	MARSHALL	Public Road Access:	CR 34/3 HILLS LANE
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	FRANKLIN

Received
Office of Oil & Gas
MAY 26 2015

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)

Name: JAMES & JODI FRANKLIN ET AL
Address: 121 NEWMAN LANE
MOUNDSVILLE, WV 26041

Name:
Address:

Name:
Address:

☐ COAL OWNER OR LESSEE

Name:
Address:

☐ MINERAL OWNER(s)

Name:
Address:

*please attach additional forms if necessary

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LON:80°40'16" LAT:39°53'46"
County:	MARSHALL	Public Road Access:	SR 34/3, HILLS LANE ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	FRANKLIN

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa. 15478
Telephone:	724-564-3847	Facsimile:	724-564-3894
Email:	dpalumbo@chevron.com		

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.

WW-6A3
(1/12)

Operator Well No. COX
05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry
Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: JAMES & JODI FRANKLIN ET AL
Address: 121 NEWMAN LANE
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:
*please attach additional forms if necessary

Received
Office of Oil & Gas
MAY 26 2015

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LON:80°40'16" LAT:39°53'46"
County:	MARSHALL	Public Road Access:	SR 34/3, HILLS LANE ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	FRANKLIN

Received
Office of Oil & Gas
MAY 26 2015

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

Operator Well No. COX
05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry
Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: MR. & MRS. ALFRED W. COULTER
Address: RR 3 BOX 336A
MOUNDSVILLE, WV 26401
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

Received
Office of Oil & Gas
MAY 26 2015

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT: 39°53'4" LON: 80°40'45"
County:	MARSHALL	Public Road Access:	CR 34, MIDDLE GRAVE CREEK ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	COULTER

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A3
(1/12)

Operator Well No. COX

05101848

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 08-22-2014 **Date of Planned Entry:** 08-29-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

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

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: REX B. O'NEIL ET UX
Address: RD 1 BOX 399 A
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	WEST VIRGINIA	Approx. Latitude & Longitude:	LAT:39°53'36" LON:80°40'17"
County:	MARSHALL	Public Road Access:	CR 34 HILLS LANE ROAD
District:	WASHINGTON	Watershed:	MIDDLE GRAVE CREEK-GRAVE CREEK
Quadrangle:	MOUNDSVILLE	Generally used farm name:	O'NEIL

Received
Office of Oil & Gas
MAY 26 2015

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production 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). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator:	Chevron North America Exploration and Production Company	Address:	800 Mountain View Drive Smithfield, Pa., 15478
Telephone:	724-564-3847		
Email:	dpalumbo@chevron.com	Facsimile:	724-564-3894

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.

WW-6A4
(1/12)

Operator Well No. 10H

05101848

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: 03/26/2015 **Date Permit Application Filed:** 5/22/15

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: Mark K Cox
Address: 7256 Fork Ridge Rd
Glen Easton, WV 26039

Name:
Address:

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: West Virginia
County: Marshall
District: Cameron
Quadrangle: Glen Easton, WV 7.5'
Watershed: Middle Grave Creek - Grave Creek

UTM NAD 83 Easting: 528589.06
Northing: 4413716.63
Public Road Access: CR 17 Fork Ridge Rd
Generally used farm name: Cox

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: 800 Mountain View Drive
Smithfield, PA 15478
Telephone: 724-564-3700
Email:
Facsimile:

Authorized Representative:
Address:
Telephone:
Email:
Facsimile:

Received
Office of Oil & Gas
MAY 26 2015

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.

WW-6A5
(1/12)

05101848 Operator Well No. 10H

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: 03/26/2015 **Date Permit Application Filed:** 5/22/15

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: Mark K Cox
Address: 7256 Fork Ridge Rd
Glen Easton, WV 26039

Name: _____
Address: _____

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
County: Marshall
District: Cameron
Quadrangle: Glen Easton, WV 7.5'
Watershed: Middle Grave Creek - Grave Creek

UTM NAD 83 Easting: 528589.06
Northing: 4413716.63
Public Road Access: CR 17 Fork Ridge Rd
Generally used farm name: Cox

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: 724-564-3700
Email: _____

Address: 800 Mountain View Drive
Smithfield, PA 15478
Facsimile: _____

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 & Gas
MAY 26 2015

WW-6RW
(1-12)

05101848

CHEVRON APPALACHIA LLC
800 MOUNTAIN VIEW DRIVE
SMITHFIELD, PA 15478-8806

05101848

API NO. 47- _____ - _____
OPERATOR WELL NO. 10H

BOOK 025 PAGE 527

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL LOCATION RESTRICTION WAIVER

The well operator, Chevron Appalachia, LLC is applying for a permit from the State of West Virginia to conduct oil or gas well work. Please be advised that well work permits are valid for twenty-four (24) months.

Well Location Restrictions

Pursuant to West Virginia Code § 22-6A-12(a), 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.

WAIVER

I, Mark K Cox, 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:	West Virginia	UTM NAD 83 Easting:	528589.06
County:	Marshall	UTM NAD 83 Northing:	4413716.63
District:	Cameron	Public Road Access:	CR 17 Fork Ridge Rd
Quadrangle:	Glen Easton, WV 7.5'	Generally used farm name:	Cox
Watershed:	Middle Grave Creek - Grave Creek		

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 and I therefore waive all well site restrictions listed under West Virginia Code § 22-6A-12(a).

WELL SITE RESTRICTIONS BEING WAIVED
*Please check all that apply

- ☐ EXISTING WATER WELLS
- ☐ DEVELOPED SPRINGS
- ☒ DWELLINGS
- ☐ AGRICULTURAL BUILDINGS

Jan Pest
MARSHALL County 09:21:46 AM
Instrument No 1378393
Date Recorded 05/01/2015
Document Type MIS
Pages Recorded 1
Book-Page 25-527
Recording Fee $5.00
Additional $6.00

FOR EXECUTION BY A NATURAL PERSON
Signature: Mark K
Print Name: MARK K Cox
Date: 3-31-15

FOR EXECUTION BY A CORPORATION, ETC.
Company: _____
By: _____
Its: _____
Signature: _____
Date: _____

Well Operator: Chevron Appalachia, LLC
By: Jenny Hayes
Its: Permitting Team Lead
Signature: Jenny Hayes
Telephone: 724-564-3700

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
MICHAEL J. PHILLIPS
Marshall County Sheriff's Dept.
601 - 6th Street
Moundsville, West Virginia 26041
My Commission Expires Mar. 4, 2017

Subscribed and sworn before me this 31 day of MARCH 2015

_____ Notary Public

My Commission Expires 3/4/2017

Received
Office of Oil & Gas
MAY 26 2015

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, MARSHALL COUNTY, SCT.:

I, JAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 31st day of March, 2015, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 1st day of May, 2015 at 9:21 o'clock AM.

TESTE: Jan Pest Clerk.

CPS 5M 1/15

05101848

WW-6AW
(1-12)

API NO. _____
OPERATOR WELL NO. Cox 10H
Well Pad Name: Cox

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, Alex O'Neill, 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:	West Virginia	West Virginia North State Plane NAD 27	East:	1,672,773.119 ft
County:	Marshall		North:	502,182.349 ft
District:	Cameron	Public Road Access:		CR 17 Fork Ridge Road
Quadrangle:	Glen Easton	Generally used farm name:		
Watershed:	Middle Grave Creek – Grave Creek			

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, provided that Chevron U.S.A. Inc. drills the well on West Virginia North State Plane NAD 27 coordinates of North 502,182.349 ft, East 1,672,773.119 ft in accordance with the Agreement between Murray American Energy, Inc. and Chevron U.S.A. Inc. dated 5/11/2015.

*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: _____
Print Name: _____
Date: _____

FOR EXECUTION BY A CORPORATION, ETC.

Company: Murray American Energy, Inc.
By: Alex O'Neill
Its: Coal Oil & Gas Relations Manager
Signature: _____
Date: 5/12/2015

Received
Office of Oil & Gas
MAY 26 2015

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

05101848

WW-6AW
(1-12)

API NO. 47- _____ - _____
OPERATOR WELL NO. 10H
Well Pad Name: Cox

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, Mark R Cox, 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:	West Virginia	UTM NAD 83 Easting:	528589.06
County:	Marshall	Northing:	4413716.63
District:	Cameron	Public Road Access:	CR 17 Fork Ridge Rd
Quadrangle:	Glen Easton, WV 7.5'	Generally used farm name:	Cox
Watershed:	Middle Grave Creek - Grave Creek		

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: Mark R Cox
Print Name: Mark R Cox
Date: 3-31-15

FOR EXECUTION BY A CORPORATION, ETC.

Company: _____
By: _____
Its: _____

Signature: _____
Date: _____

Received
Office of Oil & Gas
MAY 26 2015

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.

05101848

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

Earl Ray Tomblin
Governor

Paul A. Mattox, Jr., P. E.
Secretary of Transportation/
Commissioner of Highways

April 8, 2015

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 Cox A Well Pad, Marshall County
Cox A Unit 10H

Dear Mr. Martin,

The West Virginia Division of Highways has issued Permit #06-2015-0142 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

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

Cc: Ryan Progin
Chevron Appalachia, LLC
CH, OM, D-6
File

Received
Office of Oil & Gas
MAY 26 2015

NAD 83

Hydraulic Fracturing Fluid Product Component Information - MSDS Base

ATTACHMENT II

Fracture Date:	
State:	
Operator Name:	
Well Name and Number:	COX WELL
Total Water Volume (gal)*:	

Hydraulic Fracturing Fluid Composition - MSDS Base

Trade Name	Supplier	Purpose	Ingredients	Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments
Clean Volume	Chevron AMBU	Carrier/Base Fluid	Water (Including Mix Water Supplied by Client)*	NA		89.16250455%	
Proppant	Schlumberger	Proppant					
			Crystalline Silica	14808-60-7	100	10.68016923%	
M300	BASF Corporation	Biocide					
			Water	7732-18-5	75	0.00000000%	
			Glutaral	111-30-8	25	0.00000000%	
7.5% Acid	Schlumberger	Perf Cleanup					
			Hydrocloric Acid	7647-01-0	8	0.00923732%	
15% Acid	Schlumberger	Perf Cleanup					
			Hydrocloric Acid	7647-01 -0	15	0.00000000%	
A264	Schlumberger	Corrosion Inhibitor					
			Methanol	67-56-1	40	0.00004213%	
			Prop-2-yn-1-ol	107-19-7	10	0.00001053%	
			Aliphatic acids	Proprietary	30	0.00003160%	
			Aliphatic alcohols, ethoxylayed #1	Proprietary	30	0.00003160%	
L058	Schlumberger	Iron Stabilizer					
			Sodum erythorbate	6381-77-7	100	0.00056630%	
J134	Schlumberger	Gel Breaker					
			Hemicellulase enzyme	9012-54-8	100	0.00113112%	
J580	Schlumberger	Gelling Agent					
			Carbohydrate polymer	Proprietary	100	0.02255679%	
J609W	Schlumberger	Friction Reducer					
			Ammonium Sulfate	7783-20-2	30	0.00054736%	
			Urea	57-13-6	5	0.00054736%	
U042	Schlumberger	Iron Chelating Agent					
			Tetrasodium ethylenediam inetetraacetate	64-02-8	60	0.00077882%	
			Sodium hydroxide	1310-73-2	5	0.00006490%	
			Trisodium nitrilotriacetate (im purity)	5064-31 -3	10	0.00012980%	
B317	Schlumberger	Scale Inhibitor					
			Trisodium ortho phosphate	7601 -54-9	5	0.00003882%	
			Ethane-1 ,2-diol	1 07-21 -1	5	0.00003882%	

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

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Report ID: RPT-24821 (Generated on 2/27/2014 9:48 AM)

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 is subject to 29 CFR 1910.1200(i) and Appendix D.

Received
Office of Oil & Gas
MAY 26 2015

05101848

COX WELL SITE

EROSION AND SEDIMENT CONTROL PLAN

CONSULTANTS

BLUE MOUNTAIN INC.
11023 MASON DIXON HWY
BURTON, WV 26562
304-662-6486

FORK RIDGE ROAD (CO 17), CAMERON DISTRICT
MARSHALL COUNTY, WV

PREPARED FOR:

CHEVRON APPALACHIA, LLC

800 MOUNTAIN VIEW DRIVE
SMITHFIELD, PA 15478

DWG No.	SHEET TITLE	INCLUDED
CS 000	COVER SHEET	☒
ES 050	EXISTING TOPOGRAPHIC PLAN	☒
ES 100	OVERALL EROSION AND SEDIMENT CONTROL PLAN	☒
ES 101	EROSION AND SEDIMENT CONTROL PLAN	☒
ES 102	EROSION AND SEDIMENT CONTROL PLAN	☒
ES 103	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 104	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 105	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 106	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 107	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 108	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 109	WELL PAD CROSS SECTIONS	☒
ES 110	TANK PAD CROSS SECTIONS	☒
ES 111	OFFLOADING AREA CROSS SECTIONS	☒
ES 112	AGGREGATE ACCESS ROAD 1 PLAN AND PROFILE	☒
ES 113	AGGREGATE ACCESS ROAD 1 CROSS SECTIONS	☒
ES 114	AGGREGATE ACCESS ROAD 2 PLAN AND PROFILE	☒
ES 115	AGGREGATE ACCESS ROAD 3 PLAN AND PROFILE	☒
ES 116	SPOIL STOCKPILE 1 CROSS SECTIONS	☒
ES 117	SPOIL STOCKPILE 2 CROSS SECTIONS	☒
ES 118	TOPSOIL STOCKPILE CROSS SECTIONS	☒
GE 500	GEOTECHNICAL SUBSURFACE SUMMARY	☒
GE 501	CROSS-SECTIONS	☒
GE 502	TYPICAL NOTES AND DETAILS	☒
PC 600	SITE RECLAMATION PLAN	☒
PC 601	SITE RECLAMATION PLAN WITH AERIAL	☒

COX LIMITS OF DISTURBANCE AREA (AC)	
TOTAL SITE	
ACCESS ROAD	1.3 AC
WELL PAD	3.2 AC
TANK PAD	1.5 AC
OFFLOADING AREA	0.7 AC
STOCKPILES	1.1 AC
TOTAL AFFECTED AREA	17.6 AC
TOTAL WOODED ACRES DISTURBED	9.5 AC
IMPACTS TO COX	
ACCESS ROAD	0.6 AC
WELL PAD	3.0 AC
TANK PAD	1.5 AC
OFFLOADING AREA	0.7 AC
STOCKPILES	1.1 AC
TOTAL AFFECTED AREA	15.6 AC
TOTAL WOODED ACRES DISTURBED	7.5 AC
IMPACTS TO GARRY R. THOMAS	
ACCESS ROAD	0.2 AC
WELL PAD	0.2 AC
TOTAL AFFECTED AREA	2.0 AC
TOTAL WOODED ACRES DISTURBED	2.0 AC

NORTH

Know what's below. Call before you dig.

SITE LOCATION MAP
MOUNDSVILLE AND GLEN EASTON QUADS
1" = 2000'

START OF ACCESS ROAD AT FORK RIDGE ROAD (CO 17) TO WELL
LATITUDE: 39° 52' 14.70" N LONGITUDE: 80° 39' 51.76" W

WELL PIN "1"
LATITUDE: 39° 52' 22.56" N LONGITUDE: 80° 39' 57.73" W

WELL PIN "10"
LATITUDE: 39° 52' 22.57" N LONGITUDE: 80° 39' 56.39" W

CENTER OF WELL PAD
LATITUDE: 39° 52' 21.94" N LONGITUDE: 80° 39' 57.28" W

CENTER OF BAKER TANK PAD
LATITUDE: 39° 52' 17.72" N LONGITUDE: 80° 39' 52.16" W

CENTER OF TANK PAD
LATITUDE: 39° 52' 25.48" N LONGITUDE: 80° 39' 58.37" W

BASED ON NAD 83 PROJECTIONS

WATERSHED NAME: UPPER OHIO SOUTH
RECEIVING STREAM (USGS BLUE LINE): UNT TO MIDDLE GRAVE CREEK
DISTANCE TO NEAREST USGS BLUE LINE STREAM = +/- 595 FT
NO ANTICIPATED WETLAND IMPACTS

APPROVED
WVDEP OOG
8/19/2015

GATEWAY
Consulting Engineers & Surveyors
Phone (412) 921-4030 / Fax (412) 921-9990

REVISION RECORD

COX WELL SITE
FORK RIDGE ROAD (CO 17), CAMERON DISTRICT
MARSHALL COUNTY, WV
PREPARED FOR:
CHEVRON APPALACHIA, LLC
800 MOUNTAIN VIEW DRIVE
SMITHFIELD, PA 15478

COVER SHEET

CS 000

SITE LOCATION MAP
MOUNDSVILLE AND GLEN EASTON QUADS
1" = 2000'

NOTES:

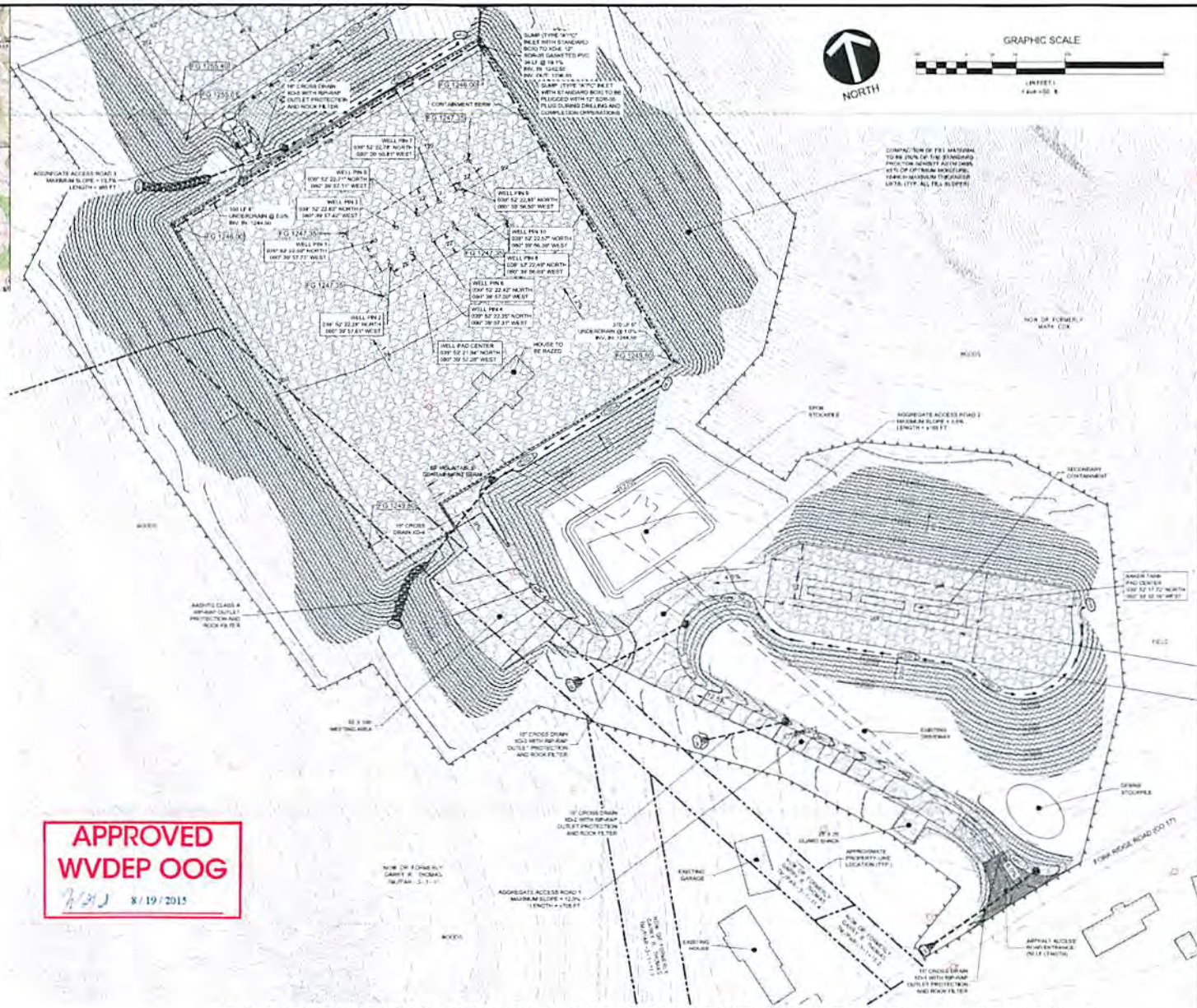
1. IN THE PREPARATION OF THIS PLAN, THE CUTS AND/OR FILLS WERE SET WITHOUT KNOWLEDGE OF THE CAPABILITIES OF THE SOILS LOCATED ON THE SITE, THE GATEWAY ENGINEERS, INC. MAKES NO REPRESENTATION BY THIS PLAN OF THE STABILITY OF THE CUTS AND/OR FILLS SHOWN. ADJUSTMENTS TO PROPOSED CUT AND FILL SLOPES MAY BE REQUIRED BASED ON SUBSURFACE CONDITIONS AND/OR MATERIAL ENCOUNTERED.
2. GRADE ALL CHANNELS TO PROVIDE POSITIVE FLOW TO OUTFALL.
3. SURROUNDING TOPOGRAPHICAL DATA PROVIDED FROM WV MAP. TOPOGRAPHY SHOWN FOR REPRESENTATION PURPOSES ONLY.
4. PROJECT SITE TOPOGRAPHICAL DATA COMPILED BY BLUE MOUNTAIN AERIAL MAPPING.
5. NO DISCHARGE FROM THE WELL PAD WILL BE PERMITTED DURING DRILLING AND COMPLETION OR ANY TIME THAT THE DRILL RIG IS ON SITE.
6. ENVIRONMENTAL SCREENING PERFORMED ON 20-14-2015.
7. THERE ARE NO SCHOOLS OR PUBLIC BUILDINGS WITHIN A 1/2 MILE OF THE LIMIT OF DISTURBANCE.
8. ALL ABOVE AND BELOW GROUND UTILITIES TO THE EXISTING DRILLING MUST BE CAPPED AND/OR REMOVED PRIOR TO COMMENCING WITH EARTHMOVING OPERATIONS AS PER THE REQUIREMENTS OF THE INDIVIDUAL UTILITY PROVIDERS.
9. FILL WILL BE FREE OF OBJECTIONABLE MATERIAL LARGER THAN 10 INCHES OR AS DIRECTED BY GEOTECHNICAL INSPECTOR WHICHEVER IS LESS.
10. ALL ROCK LIFTS WILL BE NO GREATER THAN 36" OR AS DIRECTED BY GEOTECHNICAL INSPECTOR WHICHEVER IS LESS.

DISTURBED AREA = 17.6 ACRES

EROSION AND SEDIMENT CONTROL LEGEND

- LIMITS OF DISTURBANCE
- SLOPE SILT FENCE
- GUARDRAIL
- CULVERT/CROSS DRAIN
- CONTAINMENT BERM
- DIVERSION DITCH
- ROCK FILTER
- INLET WITH SILT FENCE, DROP INLET PROTECTION
- TURBULENT
- CUT SLOPE DITCH
- ACCESS ROAD CUT DITCH
- STONE CONSTRUCTION ENTRANCE
- PROVIDERS
- BIR AND BARN

811
Know what's below.
Call before you dig.



APPROVED
WVDEP OOG
8/19/2015

THIS PLAN IS FOR EROSION AND SEDIMENT CONTROL PURPOSES ONLY

GATEWAY
Consulting Engineers & Surveyors
400 Holiday Drive, Suite 300 Pittsburgh, PA 15220
Phone (412) 921-4030 - Fax (412) 921-9660

REVISION RECORD

Date	No.	REVISED AS PER DEP COMMENTS
7/7/15	01	
-	02	
-	03	
-	04	
-	05	
-	06	
-	07	
-	08	

COX WELL SITE
FORK RIDGE ROAD (CO 17), CAMERON DISTRICT
MARSHALL COUNTY, WV
PREPARED FOR
CHEVRON APPALACHIA, LLC
800 MOUNTAIN VIEW DRIVE
SMITHFIELD, PA 15478

EROSION AND SEDIMENT CONTROL PLAN

Project Number: 17544-0417
Drawing Scale: 1"=50'
Date Issued: APRIL 2015
Index Number: 402948
Drawn By: AKO
Checked By: BLO
Project Manager: JCW

ES 101

COX WEL

EROSION AND SEDIME

FORK RIDGE ROAD (CO 17)
MARSHALL CO

PREPARED

CHEVRON APPA

800 MOUNTAIN V
SMITHFIELD,

CONSULTANTS

BLUE MOUNTAIN INC.
11023 MASON DIXON HWY
BURTON, WV 26562
304-662-6486

NORTH

811
Know what's **below.**
Call before you dig.

SITE LOCATI
MOUNDSVILLE AND GLE
1" = 200

COX LIMITS OF DISTURBANCE AREA (AC)	
TOTAL SITE	
ACCESS ROAD	1.3 AC
WELL PAD	3.2 AC
TANK PAD	1.5 AC
OFFLOADING AREA	0.7 AC
STOCKPILES	1.1 AC
TOTAL AFFECTED AREA	17.6 AC
TOTAL WOODED ACRES DISTURBED	9.5 AC
IMPACTS TO COX	
ACCESS ROAD	0.6 AC
WELL PAD	3.0 AC
TANK PAD	1.5 AC
OFFLOADING AREA	0.7 AC
STOCKPILES	1.1 AC
TOTAL AFFECTED AREA	15.6 AC
TOTAL WOODED ACRES DISTURBED	7.5 AC
IMPACTS TO GARRY R. THOMAS	
ACCESS ROAD	0.2 AC
WELL PAD	0.2 AC
TOTAL AFFECTED AREA	2.0 AC
TOTAL WOODED ACRES DISTURBED	2.0 AC

LEGEND	EXISTING	
TC - TOP OF CURB	C — CABLE TV	SHRUB
G - GUTTER	CONTOUR (MAJOR)	CLEANOU
TW - TOP OF WALL	CONTOUR (MINOR)	ENDWALL
BW - BOTTOM OF WALL	D — DATA LINE	FIRE HYD
TS - TOP OF SLOPE	E — ELECTRIC LINE	GAS VAL
BS - BOTTOM OF SLOPE	ETC — ELEC-TEL-COM	INLET
SAN - SANITARY	x — FENCE LINE	IRON PI
ST - STORM	frm — FORCE MAIN	LIGHT
MH - MANHOLE	G — GAS LINE	MANHOL
TOP - TOP OF CASTING	LOT LINE	MARKER
FL - FLOW LINE	OH — OVERHEAD WIRES	METER
WV - WATER VALVE	PROPERTY LINE	POLE
GV - GAS VALVE	RIGHT-OF-WAY	SIGN
FH - FIRE HYDRANT	ROAD CENTERLINE	TESTHOL
CO - CLEAN OUT	SEWER	TREE
STD - STANDARD	T — TELEPHONE LINE	VENT
PM - PARKING METER	TREE LINE	WATER
MB - MAILBOX	W — WATER LINE	YARD CI
DS - DOOR SILL		

Plot By: Rosamie D. \\Projects\17\0031744 Atlas Energy-0417 Cox Wells\Dwg\02-Sheet Permit Set Sheets\CS 600.dwg
Plot Date: 3/25/2015 12:33 PM Michael J. Gatti, E.I.T. Save Date: 3/25/2015 12:33 PM

05101848

L SITE

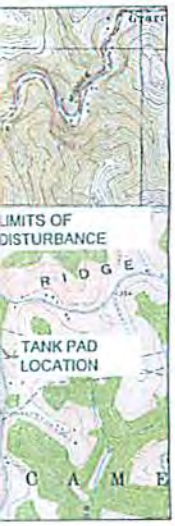
T CONTROL PLAN

AMERON DISTRICT
TY, WV

ACHIA, LLC

W DRIVE
15478

DWG No.	SHEET TITLE	INCLUDED
CS 000	COVER SHEET	☒
ES 050	EXISTING TOPOGRAPHIC PLAN	☒
ES 100	OVERALL EROSION AND SEDIMENT CONTROL PLAN	☒
ES 101	EROSION AND SEDIMENT CONTROL PLAN	☒
ES 102	EROSION AND SEDIMENT CONTROL PLAN	☒
ES 103	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 104	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 105	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 106	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 107	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 108	EROSION AND SEDIMENT CONTROL DETAILS	☒
ES 109	WELL PAD CROSS SECTIONS	☒
ES 110	TANK PAD CROSS SECTIONS	☒
ES 111	OFFLOADING AREA CROSS SECTIONS	☒
ES 112	AGGREGATE ACCESS ROAD 1 PLAN AND PROFILE	☒
ES 113	AGGREGATE ACCESS ROAD 1 CROSS SECTIONS	☒
ES 114	AGGREGATE ACCESS ROAD 2 PLAN AND PROFILE	☒
ES 115	AGGREGATE ACCESS ROAD 3 PLAN AND PROFILE	☒
PC 600	SITE RECLAMATION PLAN	☒
PC 601	SITE RECLAMATION PLAN WITH AERIAL	☒



MAP
ASTON QUADS

PROPOSED

BLDG SETBACK LINE	SHRUB
CTV — CABLE TV	CLEANOUT
910 — CONTOURS (MAJOR)	ENDWALL
903 — CONTOURS (MINOR)	FIRE HYDRANT
DAT — DATA LINE	GAS VALVE
EASEMENT	INLET
ELE — ELECTRIC LINE	LIGHT
ETC — ELEC-TEL-COM	STORM MANHOLE
X — FENCE LINE	SAN MANHOLE
FM — FORCE MAIN	MARKER
GAS — GAS LINE	METER - E, G, W
OHE — OVERHEAD WIRES	PERC HOLE
PROPERTY LINE	POLE
RIGHT-OF-WAY	SIGN
ROAD CENTERLINE	TESTHOLE
SAN — SANITARY LINE	TREE
SAN — SANITARY LATERAL	VENT
910 — SPOT ELEVATIONS	WATER VALVE
STORM SEWER	YARD DRAIN
TEL — TELEPHONE LINE	
TREE LINE	
WL — WATER LINE	
WL — WATER LINE LATERAL	

4/23/15

START OF ACCESS ROAD AT FORK RIDGE ROAD (CO 17) TO WELL
LATITUDE: 39° 52' 14.70" N LONGITUDE: 80° 39' 51.76" W

WELL PIN "1"
LATITUDE: 39° 52' 22.56" N LONGITUDE: 80° 39' 57.73" W

WELL PIN "10"
LATITUDE: 39° 52' 22.57" N LONGITUDE: 80° 39' 56.39" W

CENTER OF WELL PAD
LATITUDE: 39° 52' 21.94" N LONGITUDE: 80° 39' 57.28" W

CENTER OF BAKER TANK PAD
LATITUDE: 39° 52' 17.72" N LONGITUDE: 80° 39' 52.16" W

CENTER OF TANK PAD
LATITUDE: 39° 52' 25.48" N LONGITUDE: 80° 39' 58.37" W

BASED ON NAD 83 PROJECTIONS

WATERSHED NAME: UPPER OHIO SOUTH
RECEIVING STREAM (USGS BLUE LINE): UNT TO MIDDLE GRAVE CREEK
DISTANCE TO NEAREST USGS BLUE LINE STREAM = +/- 595 FT
NO ANTICIPATED WETLAND IMPACTS

Received
Office of Oil & Gas
MAY 26 2015

GATEWAY
On Call. On Time. On Target.
Consulting Engineers & Surveyors
400 Holiday Drive, Suite 300 Pittsburgh, PA 15220
Phone (412) 921-4030 - Fax (412) 921-9960
• Butler, PA (724) 287-1055 • Washington, PA (724) 229-3362
http://www.gatewayengineers.com

REGISTERED PROFESSIONAL ENGINEER
JOSEPH C. WAGNER
014147
STATE OF WEST VIRGINIA

REVISION RECORD

No	Date
01	-
02	-
03	-
04	-
05	-
06	-
07	-
08	-

WELL SITE
FORK RIDGE ROAD (CO 17), CAMERON DISTRICT
MARSHALL COUNTY, WV

PREPARED FOR:
CHEVRON APPALACHIA, LLC
800 MOUNTAIN VIEW DRIVE
SMITHFIELD, PA 15478

COVER SHEET

Project Number: 17544-0417
Drawing Scale: N.T.S.
Date Issued: FEB 2015
Index Number: 402948
Drawn By: AKO
Checked By: BLG
Project Manager: JCW

CS 000

05101848

GATEWAY
Civil. On Time. On Target.
Consulting Engineers & Surveyors
400 Holiday Drive, Suite 300 Pittsburgh, PA 15220
Phone (412) 921-4030 - Fax (412) 921-9060
• Butler, PA (724) 287-1055 • Washington, PA (724) 229-3362
http://www.gatewayengineers.com

JUSTIN C. WAGNER
PROFESSIONAL ENGINEER
20147
STATE OF
WEST VIRGINIA

REVISION RECORD

Date	No	
-	01	-
-	02	-
-	03	-
-	04	-
-	05	-
-	06	-
-	07	-
-	08	-

FORK WELL SITE
FORK RIDGE ROAD (CO 17), CAMERON DISTRICT
MARSHALL COUNTY, WV

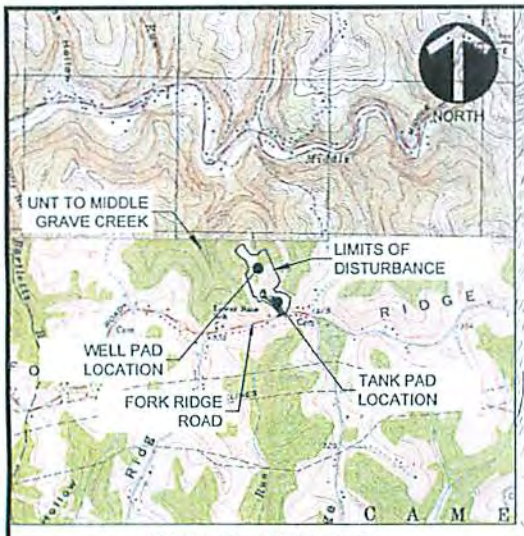
PREPARED FOR:
CHEVRON APPALACHIA, LLC
800 MOUNTAIN VIEW DRIVE
SMITHFIELD, PA 15478

EXISTING TOPOGRAPHIC PLAN

Project Number: 17544-0417
Drawing Scale: 1" = 100'
Date Issued: MAR 2015
Index Number: 402948
Drawn By: AKO
Checked By: BLG
Project Manager: JCW

ES 050

Received
Office of Oil & Gas
MAY 26 2015



SITE LOCATION MAP
MOUNDSVILLE AND GLEN EASTON QUADS
1" = 2000'

NOTES:

1. SURROUNDING TOPOGRAPHICAL DATA EXTRACTED FROM WV MAP.
2. PROJECT SITE TOPOGRAPHICAL DATA COMPILED BY BLUE MOUNTAIN AERIAL MAPPING.

4/22/15

811
Know what's **below.**
Call before you dig.

NORTH

GRAPHIC SCALE

(IN FEET)
1 inch = 100 ft.

Path: S:\Filename\G (Projects\17000\17544 Atlas Energy\-0417 Cox Wells\Dwg\02-Sheets\Permit Set Sheets\ES 050.dwg
Plot Date=2/25/2015 12:35 PM Michael J. Galer, E.I.T.
Save Date=3/23/2015 8:58 AM