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

June 24, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-4301947, issued to CHESAPEAKE APPALACHIA, L.L.C., 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalities being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: 2427
Farm Name: McMILLAN, V. P.
API Well Number: 47-4301947
Permit Type: Plugging
Date Issued: 06/24/2015

Promoting a healthy environment.

4301947P

PERMIT CONDITIONS

West Virginia Code §22-6-11 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. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged under the terms of that agreement.

4301947P

Inspector's Signed Copy

CK# 3254204 $100.00

FORM WW-4 (B)
Observe
File Copy
(Rev. 2/01)

1) Date: 4/16/2015
2) Operator's Well No. 802427 P&A
3) API Well No. 47-043-01947

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ____ Gas X Liquid injection ____ Waste disposal ____
(Is Gas, Production X or Underground storage ___) Deep ____ Shallow X

5) Location: Elevation 774' Watershed Merritt Creek of Middle Fork of Mud River
District Duval County Lincoln Quadrangle Hager, WV 7.5'

6) Well Operator Chesapeake Appalachia, L.L.C.
Address P.O. Box 18496
Oklahoma City, OK 73154-0496

7) Designated Agent Jessica Greathouse
Address P.O. Box 6070
Charleston, WV 25362

8) Oil and Gas Inspector to be notified
Name Ralph Triplett
Address 5539 McClellan Highway
Branchland, WV 25506

9) Plugging Contractor
Name Chesapeake Appalachia, L.L.C.
Address P.O. Box 18496
Oklahoma City, OK 73154-0496

10) Work Order: The work order for the manner of plugging this well is as follows:

See Attached Sheet

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work Order approved by Inspector Ralph D Triplett Date 04/27/15

Received
Office of Oil & Gas
APR 29 2015

API: 47-043-01947 P

802427 P&A Procedure

1) Prepare road and location, MIRU service rig

2) Run in hole with tools to check TD approximately at 2225'

3) Attempt to pull 3" and packer

   A) If successful

      a) Run W.S. to 2225', spot gel, pull W.S. to 2150'

      b) Spot 100' cement plug 2150'-2050', pull W.S.

      c) Proceed to step 4

   B) If unsuccessful

      a) Run W.S. to 2225', spot gel

      b) Spot 150' cement plug 2225'-2075', pull W.S.

      c) Cut 3" at free-point (approximately 1840'), and pull

      d) Proceed to step 4

OK
RDT
04/27/15

4) Rip or shoot holes in 6 5/8" approximately at 1650', 1630', 1460' and 1440'

5) Run W.S. to 1840', spot gel

6) Spot 100' cement plug 1840'-1740', pull W.S. to 1650'

7) Spot 100' cement plug 1650'-1550', pull W.S. to 1460'

8) Spot 100' cement plug 1460'-1360', pull W.S.

9) Cut 6 5/8" at free-point (approximately 820') and pull

10) Run W.S. to 820', spot gel

11) Spot 100' cement plug 820'-720', pull W.S. to 350'

12) Spot 100' cement plug 350'-250', pull W.S. to 200'

13) Spot 200' cement plug 200'-surface

14) Pull W.S. and top off with cement

15) Erect monument and reclaim as prescribed by law

Received
Office of Oil & Gas
APR 29 2015

COLUMBIA GAS & ELECTRIC COMPANY.
HUNTINGTON DEVELOPMENT & GAS CO.

Well 802427
API 47-043-01947

Serial Well No. 2427
PARAGON PRINT. 500 7-25 54627

Lease No. 1084

Map Square 40-49-51

RECORD OF WELL No. 2427 on the

V. P. McMellon Farm of 116 Acres

in Duval District

Lincoln County

Branchland Field, State of W. Va.

Rig Commenced April 12 th, 1926.

Rig Completed April 17 th, 1926.

Drilling Commenced April 22 nd, 1926.

Drilling Completed May 23 rd, 1926.

Drilling to cost per foot

Contractor is: Columbia Gas & Electric Co.

Address: String # 4

Driller's Names A. P. Brookover
B. L. Pauley
T. L. Hodge
B. H. Pauley

CASTING AND TUBING

SIZE	USED IN DRILLING	LEFT IN WELL
16		
13		
10	26'	26'
8¼	310'	Pulled
6⅝	1793'8"	1793'8"
5 3-16		
4⅞		
4		
3		2247'11"
2		

SHUT IN

Date June 2 nd, 1926.

3 in Tubing ~~or Casing~~.

Size of Packer 3x6-5/8x16"

Kind of Packer O.W.S. Anchor

1st Perf. Set on ~~from~~ Bottom 7'6" Long

2nd Perf. Set 27'6" from Bottom hole to bottom 2 nd, Perf. 20' Long.

TEST BEFORE SHOT

14 of Water in 2 inc
10ths
of Merc. in inc
10ths
Volume Cu. ft

TEST AFTER SHOT & Tubed

4 of Water in 3 inc
10ths
of Merc. in inc
10ths
Volume Cu. ft

Rock Pressure

Date Shot May 29 th, 1926

Size of Torpedo 30 qts.

Oil Flowed bbls. 1st 24 hrs

Oil Pumped bbls. 1st 24 hrs

Well abandoned and

Plugged 19

DRILLER'S RECORD

Formation	Top	Bottom	Thickness	Remarks
Surface	0	35'	35'	
Slate and Sand	35'	160'	125'	3"x6-5/8"x16" O.W.S. Anchor
Coal	160'	164'	4'	Packer set 364'11" from bottom hole.
Sand and Slate	164'	300'	136'	
Coal	300'	305'	5'	Producing gas from Berea Sand
Slate and Sand	305'	795'	490'	between 2163' and 2170'
Lime	795'	820'	25'	Test 15/10 Water in 2" Opening
Slate and Sand	820'	1362'	542'	when Berea Sand was drilled.
Maxton Sand	1362'	1442'	80'	Blowed down to 14/10 water in 2"
Little Lime	1442'	1477'	35'	in 24 hrs.
Pencil Cave	1477'	1482'	5'	
Big Lime	1482'	1662'	180'	24 hr. rock Pressure 206 lbs.
Red Rock	1662'	1668'	6'	
Big Injun	1668'	1688'	20'	Connected July 29th, 1926. to
Slate	1688'	1700'	12'	supply line- D-
Sand and Shells	1700'	1748'	48'	6-5/8"x8¼"x10" O.W.S. Bottom hole
Slate and Shells	1748'	1809'	61'	packer run on bottom of 6-5/8 Casing.
Big Shell	1809'	1900'	91'	
Slate and Shells	1900'	2140'	240'	No gas in Injun sand.
Brown Shale	2140'	2157'	17'	
Berea Sand	2157'	2181'	24'	
Shell and Slate	2181'	2231'	50'	
Total Depth		2231'		

Received
Office of Oil & Gas
APR 29 2015

4301947P

WW4-A
Revised
2/01

1) Date: 4/16/2015
2) Operator's Well No. 802427 P&A
3) API Well No. 47-043-01947

STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name Thadd & Jenny McClung
Address 67 Tiki Lane
Griffithsville, WV 25521

(b) Name
Address

(c) Name
Address

5) Coal Operator
(a) Name None

Coal Owner(s) with Declaration
(b) Name
Address See Attached List for Coal Owners

Name
Address

Name
Address

6) Inspector Ralph Triplett
Address 5539 McClellan Highway
Branchland, WV 25506

Telephone 304-389-0350

Coal Lessee with Declaration
(c) Name None
Address

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

(1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
(2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed the Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of the Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Official Seal Notary Public
State of West Virginia
Phyllis A. Copley
144 Willard Circle Hurricane, WV 25526
My Commission Expires
September 16, 2018

Well Operator: Chesapeake Appalachia, L.L.C.
By: R.S. Smith
Its: Completion Superintendent
Address: P.O. Box 18496
Oklahoma City, OK 73154-0496
Telephone: 405-935-4073

Subscribed and sworn before me this 16th day of April the year of 2015

Phyllis A. Copley
Notary Public

My Commission Expires September 16, 2018

Received
APR 20 2015
Office of Oil and Gas
WV Dept. of Environmental Protection

API: 47-043-01947P

Well 802427 -- COAL OWNERS

Trio Petroleum Corp
P.O. Box 880
Glenville, WV 26351

Garnett Vannetter
4823 Narrot Street
Torrance, CA 90503

Pamela Talkington
1364 Homestead Drive
East Liverpool, OH 43920

Roy A. Campbell
124 Summit Ridge
Hurricane, WV 25526

Dennie Vandeline Jr.
4508 Sugarwood Drive
Charlotte, NC 28226

Helen Bender
48 Township Road 1523
Chesapeake, OH 45619

Alvin L. Engelke
P.O. Box 143
Creston, WV 26141

Terri Bishop
1328 Kay Drive
Cookeville, TN 38501

Shirley Garrett
1102 Main Street
Barboursville, WV 25504

Boyd McMellon
1815 1/2 Pennsylvania Avenue
Charleston, WV 25302

Mellony Sellers
1322 SW 9th Street
Boca Raton, FL 33486

Joann McMellon
4642 Midway Road
Yawkey, WV 25573

Sandy Walgate
1413 Allen Avenue
East Liverpool, OH 43920

Judith McMellon
P.O. Box 256
Danville, WV 25053

Anna McMellon Estate
Michael & McCroskey Constance
100 Pinto Drive
Beckley, WV 25801

Patricia Cutright
1513 Greenbrier Drive
Huntington, WV 25704

Douglas S. Graham
7941 Bennington
Cincinnati, OH 45241

Bob Vandelinde
109 Wagon Wheel Trail
Moneta, WV 24121

Harold Brookover
6228 Gary Drive
Huntington, WV 25705

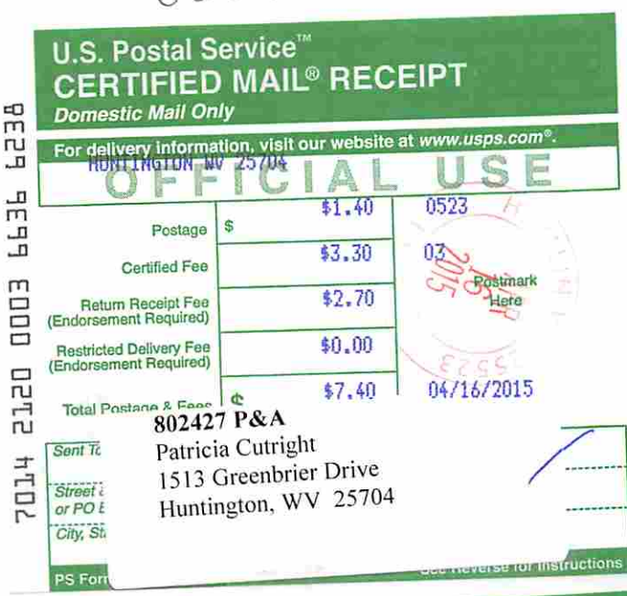
Spice Egnor
P.O. Box 2751
Huntington, WV 25727

Received

APR 20 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

802427 P&A API 47-043-01947P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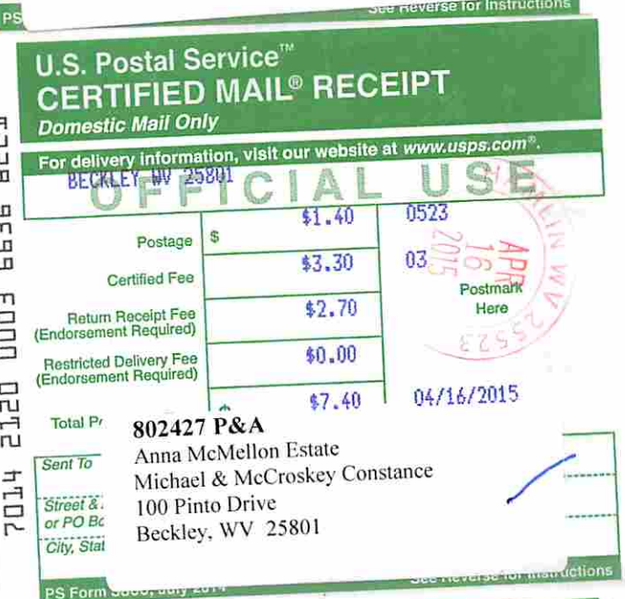
802427 P&A
Judith McMellon
P.O. Box 256
Danville, WV 25053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1328 Kay Drive
Cookeville, TN 38501

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802427 P&A
Shirley Garrett
1102 Main Street
Barboursville, WV 25504

802427 P+A API 47-043-01947P

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Trio Petroleum Corp
P.O. Box 880
Glenville, WV 26351

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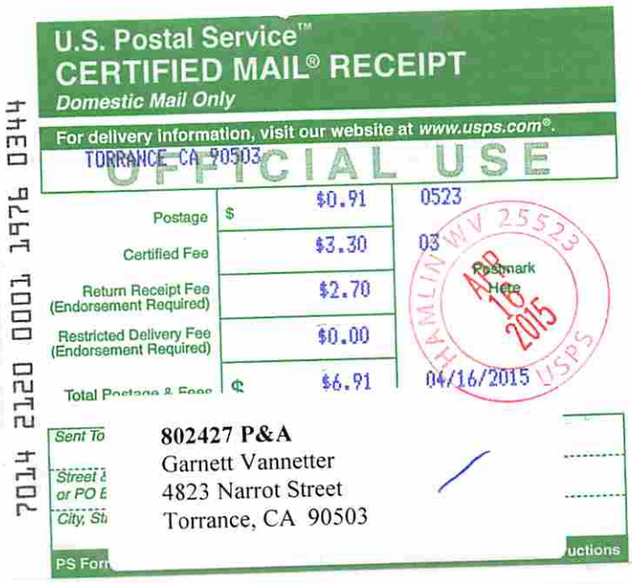

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Garnett Vannetter
4823 Narrot Street
Torrance, CA 90503

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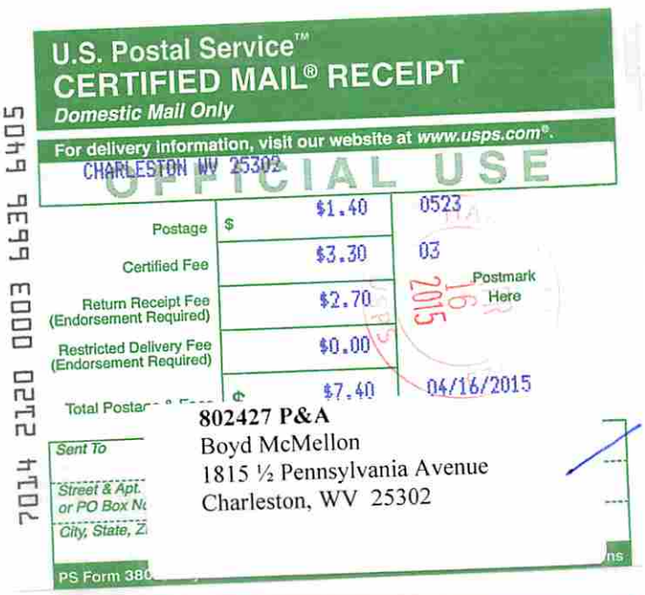

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Boyd McMellon
1815 ½ Pennsylvania Avenue
Charleston, WV 25302

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802427 P&A
Thadd & Jenny McClung
67 Tiki Lane
Griffithsville, WV 25521

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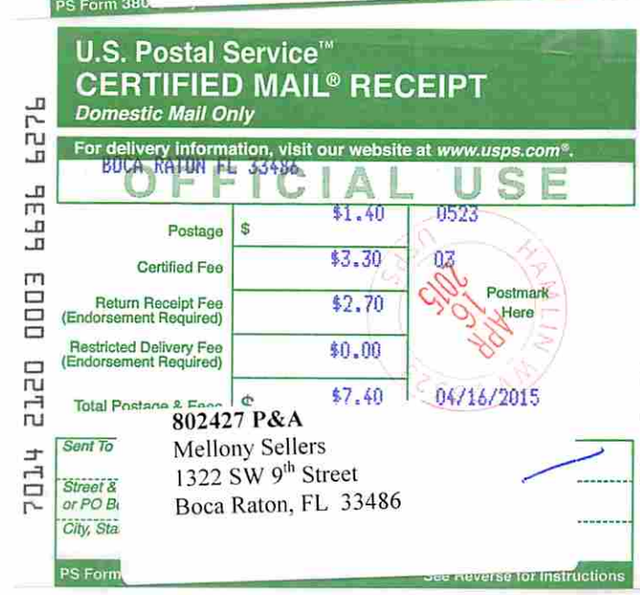

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Spice Egnor
P.O. Box 2751
Huntington, WV 25727

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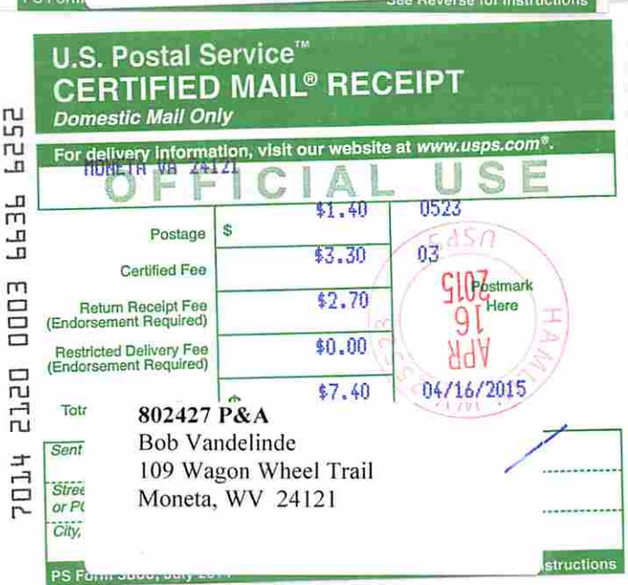
APR 20 2015
Office of Oil and Gas
WV Dept. of Environmental Protection

PS Form 3800



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MONETA VA 24121

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Street & Apt. No. or PO Box No.
City, State, ZIP+4

802427 P&A
Bob Vandelinde
109 Wagon Wheel Trail
Moneta, WV 24121

PS Form 3800

U.S. Postal Service™
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HUNTINGTON WV 25705

OFFICIAL USE

Postage	$1.40
Certified Fee	$3.30
Return Receipt Fee (Endorsement Required)	$2.70
Restricted Delivery Fee (Endorsement Required)	$0.00
Total Postage & Fees	$7.40

0523 03 Postmark Here APR 16 2015 HAMLIN WV 25523 USPS 04/16/2015

7014 2120 0003 6636 6269

Sent To
Street & Apt. No. or PO Box No.
City, State, ZIP+4

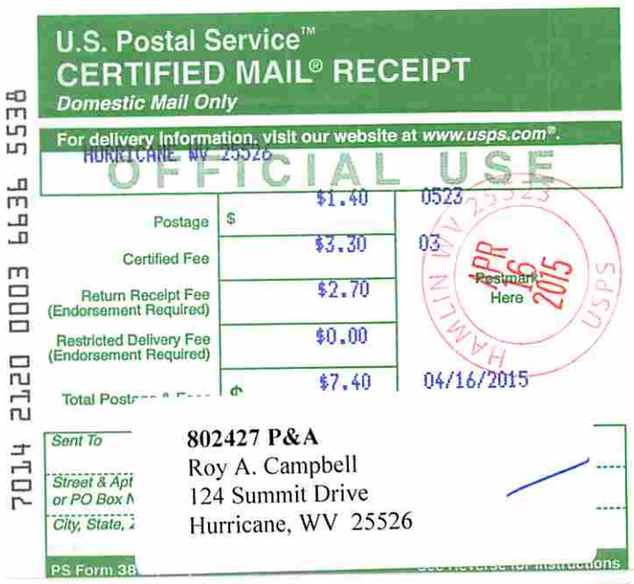
802427 P&A
Harold Brookover
6228 Gary Drive
Huntington, WV 25705

PS Form 3800 See Reverse for Instructions

802427 P+A

47-043-01947P

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only
For delivery information, visit our website at www.usps.com®.
EAST LIVERPOOL OH 43920
OFFICIAL USE
Postage $1.40 0523
Certified Fee $3.30 03
Return Receipt Fee (Endorsement Required) $2.70
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $7.40 04/16/2015
Postmark Here
APR 16 2015
HAMLIN WV 25523 USPS
7014 2120 0001 1976 0351
Sent To
Street & Apt. or PO Box
City, State, ZIP+4
802427 P&A
Pamela Talkington
1364 Homestead Drive
Easter Liverpool, OH 43920
PS Form 3800, August 2006 See Reverse for Instructions



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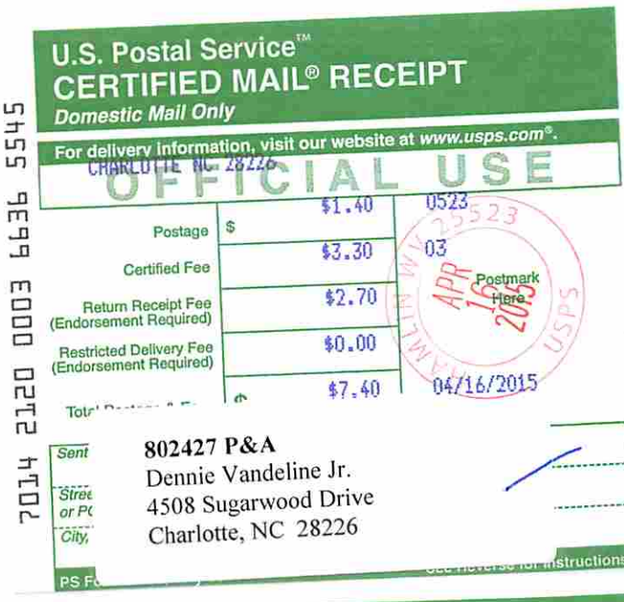
HURRICANE WV 25526
OFFICIAL USE
Postage $1.40 0523
Certified Fee $3.30 03
Return Receipt Fee (Endorsement Required) $2.70
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $7.40 04/16/2015
Postmark Here
APR 16 2015
HAMLIN WV 25523 USPS
7014 2120 0003 6636 5538
Sent To
Street & Apt. or PO Box No.
City, State, ZIP+4
802427 P&A
Roy A. Campbell
124 Summit Drive
Hurricane, WV 25526
PS Form 3800, August 2006 See Reverse for Instructions



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CHARLOTTE NC 28226
OFFICIAL USE
Postage $1.40 0523
Certified Fee $3.30 03
Return Receipt Fee (Endorsement Required) $2.70
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $7.40 04/16/2015
Postmark Here
APR 16 2015
HAMLIN WV 25523 USPS
7014 2120 0003 6636 5545
Sent To
Street & Apt. or PO Box No.
City, State, ZIP+4
802427 P&A
Dennie Vandeline Jr.
4508 Sugarwood Drive
Charlotte, NC 28226
PS Form 3800, August 2006 See Reverse for Instructions

U.S. Postal Service™
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CRESTON WV 26141
OFFICIAL USE
Postage $1.40 0523
Certified Fee $3.30 03
Return Receipt Fee (Endorsement Required) $2.70
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $7.40 04/16/2015
Postmark Here
APR 16 2015
HAMLIN WV 25523 USPS
7014 2120 0003 6636 5569
Sent To
Street & Apt. or PO Box No.
City, State, ZIP+4
802427 P&A
Alvin L. Engelke
P.O. Box 143
Creston, WV 26141
PS Form 3800, August 2006 See Reverse for Instructions

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CERTIFIED MAIL® RECEIPT
Domestic Mail Only
For delivery information, visit our website at www.usps.com®.
CHESAPEAKE OH 45619
OFFICIAL USE
Postage $1.40 0523
Certified Fee $3.30 03
Return Receipt Fee (Endorsement Required) $2.70
Restricted Delivery Fee (Endorsement Required) $0.00
Total Postage & Fees $7.40 04/16/2015
Postmark Here
APR 16 2015
HAMLIN WV 25523 USPS
7014 2120 0003 6636 5552
Sent To
Street & Apt. or PO Box No.
City, State, ZIP+4
802427 P&A
Helen Bender
48 Township Road 1523
Chesapeake, OH 45619
PS Form 3800, August 2006 See Reverse for Instructions

Received
APR 20 2015
Office of Oil and Gas
WV Dept. of Environmental Protection

4301947P

Form WW-9
Rev. 02/01

API Number 47-043-01947
Operator's Well No. 802427 P&A

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Chesapeake Appalachia, L.L.C. OP Code 494477557

Watershed Merritt Creek of Middle Fork of Mud River Quadrangle Hager, WV 7.5'

Elevation 774' County Lincoln District Duval

Description of anticipated Pit Waste: Plugging Returns/Cement

Will a synthetic liner be used in the pit? Yes

Proposed Disposal Method For Treated Pit Wastes:

X Land Application
___ Underground Injection (UIC Permit Number_____)
___ Reuse (at API Number_____)
___ Off Site Disposal (Supply form WW-9 for disposal location)
___ Other (Explain_____)

Proposed Work For Which Pit Will Be Used:

___ Drilling
___ Workover
___ Swabbing
X Plugging
___ Other (Explain_____)

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on December 31, 1999, 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 R. E. Schindler

Company Official (Typed Name) Robert E. Schindler

Company Official Title Completions Superintendent

Subscribed and sworn before me this 16th day of April, 2015.

Phyllis A. Copley Notary Public.

My Commission Expires September 16, 2018

Official Seal Notary Public
State of West Virginia
Phyllis A. Copley
144 Willard Circle Hurricane, WV 25526
My Commission Expires
September 16, 2018

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Office of Oil & Gas
APR 29 2015

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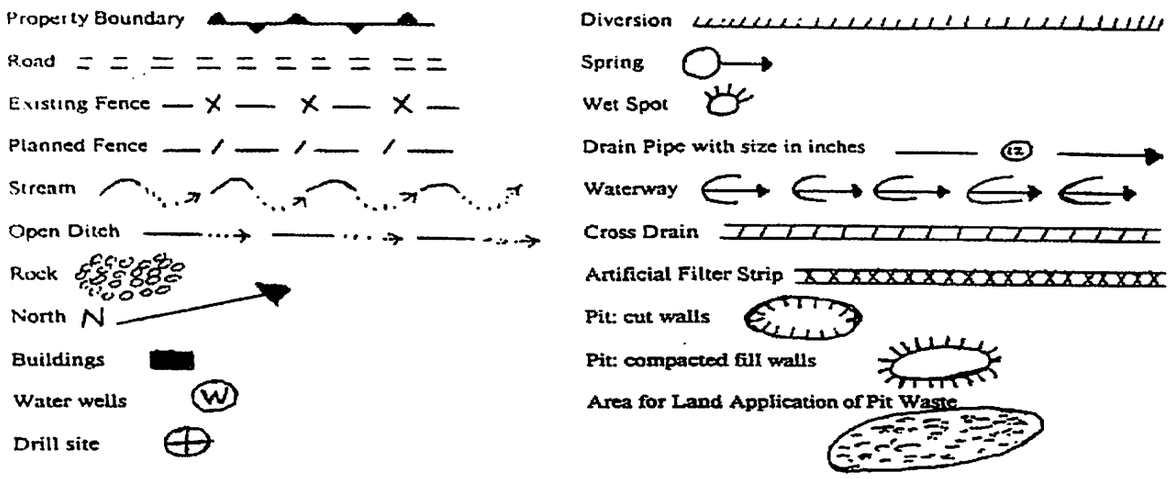
Attachment #1

API #: 47-043-01947
Operator's Well No. 802427 P&A

LEGEND



Proposed Revegetation Treatment: Acres Disturbed **1.0** Prevegetation pH **6.1**

Lime **3** Tons/acre or to correct to pH **6.5**

Fertilizer (10-20-20 or equivalent) **1/3 TON** lbs/acre (500 lbs minimum)

Mulch **Hay 2** Tons/acre

Seed Mixtures

Area I		Area II	
Seed Type	**lbs/acre**	**Seed Type**	**lbs/acre**
CHESAPEAKE CONTRACTOR'S MIX	40	ORCHARD GRASS	15
ALSIKE CLOVER	5	ALSIKE CLOVER	5
ANNUAL RYE	15		

Attach:
Drawing(s) of road, location, pit and proposed area for land application.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Ralph D. Triplett

Title: District Inspector

Date: 04/27/15

Field Reviewed? (✓) Yes (____) No

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APR 29 2015

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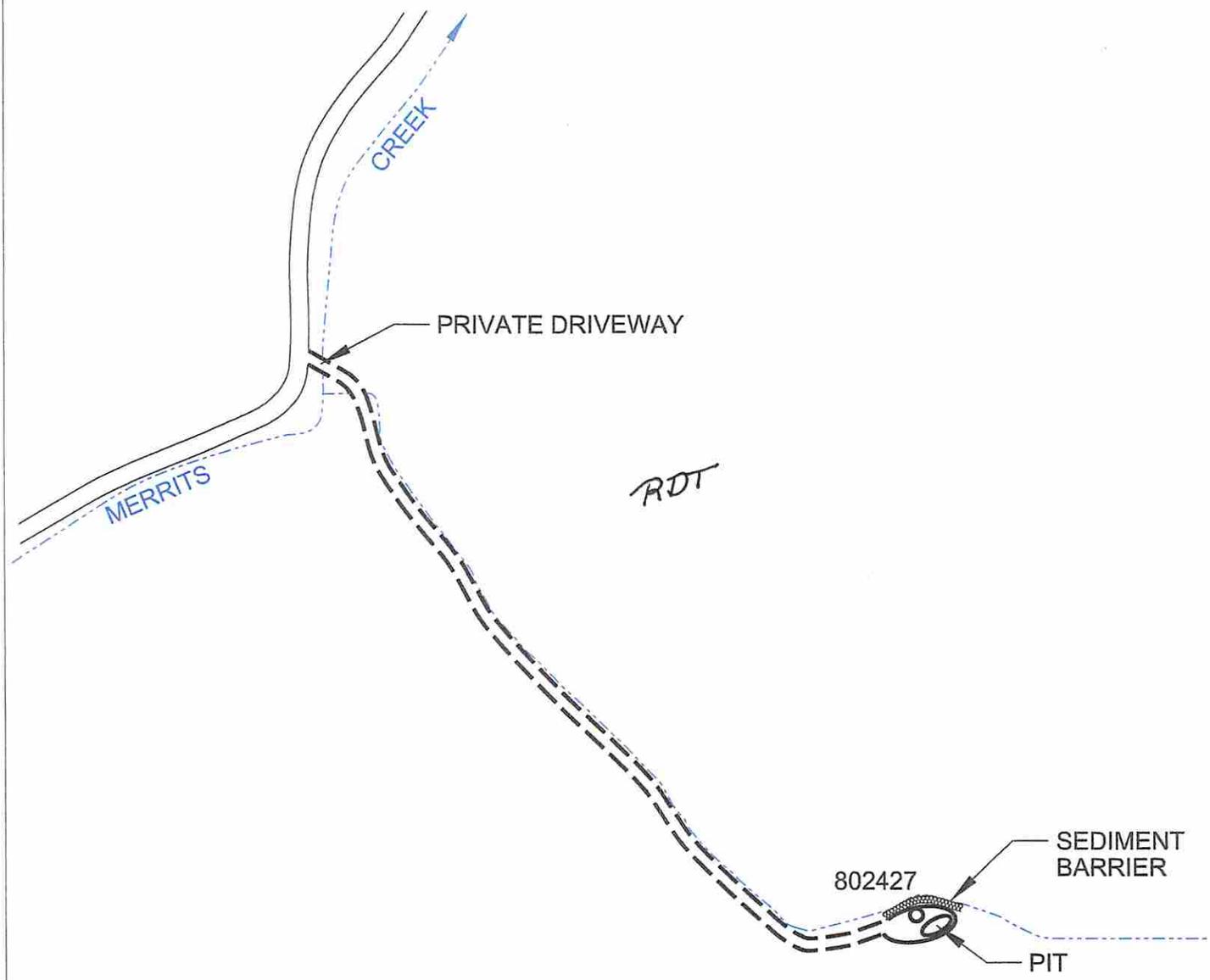
CHESAPEAKE APPALACHIA, L.L.C.

RECLAMATION DIAGRAM
WELL LOCATION 802427

API 47-043-01947



GENERAL NOTES

This drawing is a schematic representation of the well site and access road. Proposed structures such as well site, drilling pit , roadways, culverts, sediment barriers, etc. are show in approximate pre-planning configurations.

All culvert pipes will be a minimum of 15 inches in diameter. all culvert pipes installed will be accomanied by an entrance sump with dimensions no less than 3 feet (width) x 3 feet (length) x 4 feet (deep). Culverts will be installed at an angle to ensure proper flow. The out fall of culverts will be protected from erosion and sedimentation using large roacks of other sediment controls deemed necessary in the prevention of erosion and sedimentation. Storm water from the ditches to the culverts will be directed to stable natural vegetative areas. Where culverts are not practical, operator will have other sediment control in place to minimize erosion sedimentation.

Cross drains, broad based dips, water bars, and diversion ditches, will be employed during the construction phase. These erosion and sediment control structures will be used to control erosion and sedimentation during the contruction phase, where applicable, and in areas that will allow. These structures will be considered permanent and used as such.

Permanent seeding: See Attachment #1.

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Office of Oil & Gas
APR 29 2015

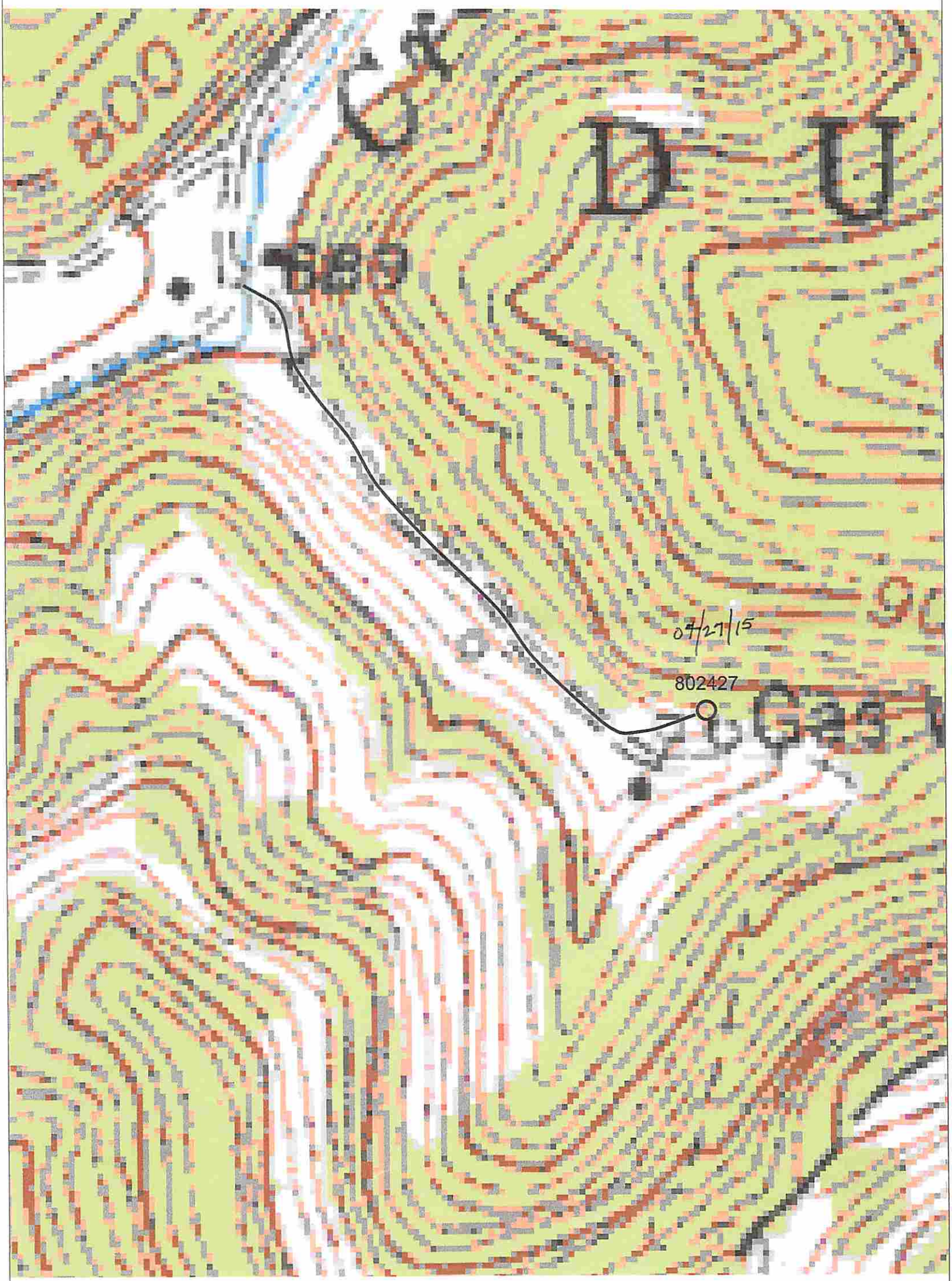
CHESAPEAKE ENERGY CORPORATION - EASTERN DIVISION
P.O. BOX 579 - 8165 COURT AVENUE - HAMLIN, WV 25523
304 824-5141 - FAX 304 824-2247

4301947P

CHESAPEAKE APPALACHIA, L.L.C.

TOPOGRAPHICAL MAP OF ACCESS AND WELL LOCATION 802427

API 47-043-01947



CHESAPEAKE ENERGY CORPORATION - EASTERN DIVISION
P.O. BOX 579 - 8165 COURT AVENUE - HAMLIN, WV 25523
304 824-5141 - FAX 304 824-2247

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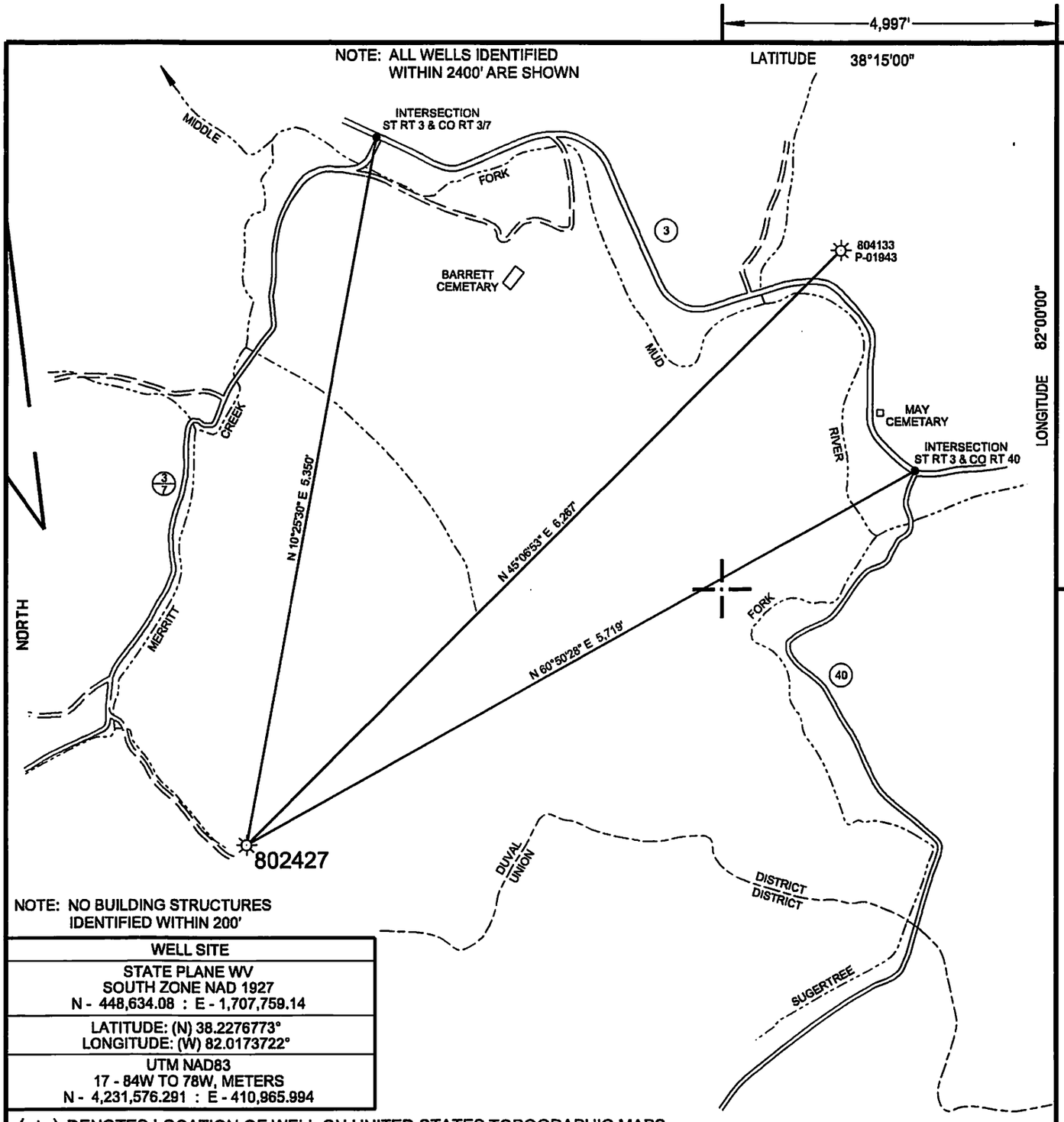

NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

WELL SITE
STATE PLANE WV SOUTH ZONE NAD 1927 N - 448,634.08 : E - 1,707,759.14
LATITUDE: (N) 38.2276773° LONGITUDE: (W) 82.0173722°
UTM NAD83 17 - 84W TO 78W, METERS N - 4,231,576.291 : E - 410,965.994

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. CA802427.DGN
DRAWING NO. CA802427 P&A
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY 1 : 200
PROVEN SOURCE OF ELEVATION MAPPING GRADE GPS

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) _____
R.P.E. _____ L.L.S. 647

PAUL E. MILLER LICENSED No. 647 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE MARCH 3, 2015
OPERATOR'S WELL NO. 802427
API WELL NO.
47 (STATE) 043 (COUNTY) 01947 P (PERMIT)

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 774' WATER SHED MERRITT CREEK OF MIDDLE FORK OF MUD RIVER
DISTRICT DUVAL COUNTY LINCOLN
QUADRANGLE HAGER, WV 7.5'
SURFACE OWNER THADD & JENNY MCCLUNG ACREAGE -
OIL & GAS ROYALTY OWNER ---- LEASE ACREAGE 118
LEASE NO. 1024811
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON X CLEAN OUT AND REPLUG ___
TARGET FORMATION _____ ESTIMATED DEPTH _____
WELL OPERATOR CHESAPEAKE APPALACHIA, L.L.C. DESIGNATED AGENT JESSICA GREATHOUSE
ADDRESS P.O. BOX 18496, OKLAHOMA CITY, OK 73154-0496 ADDRESS CHESAPEAKE APPLACHIA, L.L.C. PO BOX 6070, CHARLESTON, WV 25362

FORM WW-6
COUNTY NAME
PERMIT

T
NOW

Operator: CHESAPEAKE APPALACHIA, L.L.C.

API: 4301947

WELL No: 2427

Well is on an Agreed Order

Reviewed by: gmm Date: 6/18/15

05 Day End of Comment: 04/27/15

CHECKLIST FOR FILING A PERMIT

Plugging

CK # 5254204
$100.00

- [ ] WW-4B
- [x] Inspector signature on WW-4B
- [x] Completion / Well Records of Previous Work
- [x] WW-4A (Notarized)
- [x] Certified Mail Receipts, Waivers, or Affidavits of Personal Service
- [ ] Surface Owner Waiver
- [ ] Coal Owner / Lessee /Operator Waiver
- [x] WW-9 (Page 1) (Notarized)
- [x] Inspector Signature on WW-9 (Optional)
- [x] Topographic Map of location of well
- [x] WW-7

OR

- [x] Mylar Plat (Surface owner on plat matches WW-4A)
- [x] Bond
- [x] Company is Registered with the SOS
- [x] Worker's Compensation / Unemployment Insurance account is OK
- [x] $100.00 check ($0.00 if no pit)