



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

March 10, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-7900892, 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 penalties 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: 4138
Farm Name: McCALLISTER, PETER
API Well Number: 47-7900892
Permit Type: Plugging
Date Issued: 03/10/2015

Promoting a healthy environment.

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.

7900892P

α 5229602
100⁰⁰

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

1) Date: 1/23/2015
2) Operator's Well No. 804138 P&A
3) API Well No. 47-079-00892

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 754' Watershed Left Hand Fork of Turkey Creek
District Curry County Putnam Quadrangle Garretts Bend, WV 7.5'

6) Well Operator Chesapeake Appalachia, L.L.C. 7) Designated Agent Jessica Greathouse
Address P.O. Box 18496 Address P.O. Box 6070
 Oklahoma City, OK 73154-0496 Charleston, WV 25362

8) Oil and Gas Inspector to be notified
Name Jamie Stevens
Address 105 Kentuck Road
 Kenna, WV 25248

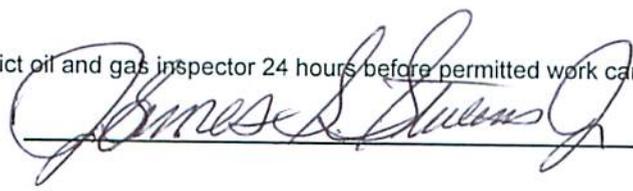
9) Plugging Contractor
Name Chesapeake Appalachia, L.L.C.
Address P.O. Box 18496
 Oklahoma City, OK 73154-0496

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



Date

 2/5/2015

CHARLESTON DUNBAR NATURAL GAS COMPANY
 LIMITED PUBLIC GAS COMPANY
 (INCORPORATED)

Well 804138
 API 47-079-00892
 Page 2 of 2
 MAP SQUARE 44-55

SERIAL WELL No. ~~4138~~ LEASE No. 293

RECORD OF WELL No. ⁴¹³⁸ 29 on the		CASING AND TUBING			TEST BEFORE SHOT	
McCallister Heirs Farm of Acres		SIZE	USED IN DRILLING	LEFT IN WELL	30 of Water in 1" inch	
in Curry District		18			10ths of Merc. in inch	
Putnam County		13			10ths Volume 23,640 Cu. ft.	
Turkey Creek Field, State of W. Va.		10		10'	TEST AFTER SHOT 16 Hrs	
Rig Commenced	Nov. 7th, 1929.	8 1-4			16 of Water in 2" inch	
Rig Completed	Nov. 11th, 1929.	6 5-8		125'	10ths About in inch	
Drilling Commenced	April 1st, 1929.	5 3-16		1396'	10ths Volume 186,000 Cu. ft.	
Drilling Completed	April 22nd, 1929.	4 7-8			Rock Pressure 342	
Drilling to cost	per foot	4			Date Shot 4-23-29.	
Contractor is:		3		2140'	Size of Torpedo 30 Qts.	
Address:		2			Oil Flowed bbls. 1st 24 hrs.	
Drillers' Names		SHUT IN			Oil Pumped bbls. 1st 24 hrs.	
		Date 4-26-1929.			Well abandoned and	
		3 in Tubing or Casing			Plugged 19	
		Size of Packer 3"x5-3/16x16"			or, and	
		Kind of Packer Parmaco Anchor			Parmaco Seed Bag Packer.	
	Length of 18'11"	1st Perf. Set 2102'11" to 2121' on Bottom				
	21'3"	2nd Perf. Set 2058'7" to 2079'10"				

Drilled Deeper

DRILLER'S RECORD

FORMATION	TOP	BOTTOM	THICKNESS	REMARKS
Big Injun sand	1579'	1625'	46'	Started Drilling at 1592 1/2'
Big Lime	1625'	1850'	225'	
White Slate	1850'	2030'	180'	
Lime Shell	2030'	2045'	15'	
Brown Shale	2045'	2060'	15'	1 st. Gas from 2060' to 2063'
Berea Sand	2060'	2081'	21'	Test 6/10 Water in 1" Opening.
Slate & Shells	2081'	2120'	39'	2nd, Gas 2071' to 2081'
Total Depth		2121'		Test 30/10 Water in 1" Opening.
				Drilled a 40' Pocket below Berea.
				1st Packer is a 3"x5-3/16x16"
				Parmaco Anchor Packer set 2037'1" down or 83'11" off bottom.
				2nd, Packer is a 3"x5-3/16x10"
				Parmaco Seed bag Packer set 1687'9" Down or 433'3" from bottom.
				This well formally produced from Big Lime & Big Injun Sand.
				There is a 5" hole from Big Lime to and thru the Berea Sand.

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 Office of Oil and Gas

JAN 29 2015

WV Department of
 Environmental Protection

UNITED FUEL GAS COMPANY
(INCORPORATED)

Well 804138
API 47-079-00892
Page 1 of 2

Serial Well No. **4138**

Lease No. **293**

Map Square

RECORD OF WELL No. **4138** on the

McCallister Farm of Acres

District

Putnam County

Turkey Creek Field, State of **W. Va.**

Rig Commenced 192

Rig Completed 192

Drilling Commenced **Sept 8, 1905** 192

Drilling Completed **Sept 26, 1905** 192

Drilling to cost **\$1.00** per foot

Contractor is: **Chamberlin & Co.**

Address:

Drillers' Names **J. H. Fuller**

J. M. Louden

CASING AND TUBING

TEST BEFORE SHOT

Size	Used in Drilling	Left in Well
16		
13		
10	10'	10'
8 1-4		
6 5-8	125'	125'
5 3-16		
4 7-8		
4		
3		
2		

of Water in.....inch
10ths
of Merc. in.....inch
10ths
Volume.....Cu. ft.

TEST AFTER SHOT

of Water in.....inch
10ths
of Merc. in.....inch
10ths
Volume.....Cu. ft.

Rock pressure

Date shot

Size of Torpedo

Oil Flowed.....bbls. 1st 24 hrs.

Oil Pumped.....bbls. 1st 24 hrs.

SHUT IN

Date

2 in Tubing or ~~XXXX~~

Size of Packer

Kind of Packer

1st Perf. Set.....from

2nd Perf. Set.....from

Well abandoned and

Plugged..... 19

DRILLER'S RECORD

Formation	Top	Bottom	Thickness	Remarks
Gravel	0	10		Big Lime 1395 1574
Sand	10	30		Slate 1574 1579
Slate & Shells	30	260		Big Injun 1579 1592
Sand	260	350		Total depth 1592
Slate	350	380		
Sand	360	420		
Slate	420	430		Water enough to drill at 200'.
Sand	430	460		Gas at 350'
Slate	460	500		Gas & Water at 715'.
Sand	500	580		First pay at 861' - 31' in sand
Slate	580	590		Second pay at 881' - 51' in sand.
Sand	590	650		Third pay at 895'.
Slate	650	720		Water & Gas at 995'.
Sand	720	740		Gas at 1582'.
Slate	740	770		
Sand	770	795		
Slate	795	805		
Limestone	805	830		
Sand	830	883		
Slate	883	888		
Sand	888	897		
Drilled deeper 10-15-1912 to 11-28-1912 by J. W. Ramsey & Co.				
Sand	897	911		
Slate	911	915		
Salt Sand	915	1360		

1-31-29
1604'-10" 3" Line Pipe
Put in Well
DT #

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Office of Oil and Gas

JAN 29 2015

WV Department of
Environmental Protection

49 Exciter
39
42 Junc. ✓

WW4-A
Revised
2/01

1) Date: 1/23/2015
2) Operator's Well No. 804138 P&A
3) API Well No. 47-079-00892

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 Orman P. & Joshua Paul Yeager
Address 456 Left hand Turkey Creek
Hurricane, WV 25526

(b) Name _____
Address _____

(c) Name _____
Address _____

6) Inspector Jamie Stevens
Address 105 Kentuck Road
Kenna, WV 25248

Telephone 304-206-7775

5) Coal Operator
(a) Name None
Address _____

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

Name _____
Address _____

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.



Well Operator: Chesapeake Appalachia, L.L.C.
By: [Signature]
Its: Manager - Operations, Appalachia South
Address: P.O. Box 18496
Oklahoma City, OK 73154-0496
Telephone: 405-935-4073

Subscribed and sworn before me this 26th day of January the year of 2015
Phyllis A. Copley Notary Public

My Commission Expires September 16, 2018
Form WW-9

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804138 P&A COAL OWNERS

DENNY JAMES L
21 Jefferson Park
Hurricane, WV 25526 ✓

HOLLISTER LOIS
3413 Wintergreen Terrace
Grapevine, TX 76051 ✓

COLVIN LOIS D
1487 East Mattie Rd
Box 132C
Breezewood, PA 15533 ✓

MCKINNEY SR RALPH E
PO Box 103
Hometown, WV 25109 ✓

BARBEE BERNARD J
1620 Old Harmony Dr.
Concord, NC 28027 ✓

MCCALLISTER
BOBBY GLENN
9238 Serenity PL
Murrells Inlet, SC 29576 ✓

BARKER BARBARA L
590 Mitchells Ave.
Lexington, KY 40503 ✓

SCOTT PATRICIA A BARKER
26220 South River RD
Harison Township, MI 48045 ✓

MCCALLISTER JEFFREY W
Rt2 Box 164 A
Hurricane, WV 25526 ✓

HIGGINBOTHAM CHARLES J
1330 13th St
Nitro, WV 25143 ✓

MCCALLISTER MARSHALL
Rt 2 Box 162 Turkey Creek Rd
Hurricane, WV 25526 ✓

HARTWELL DONALD E
4638 Wisteria Drive
Zephyrhills, FL 33541 ✓

MCCALLISTER GARY
5104 NW 64th Ter
Lauderhill, FL 33319 ✓

WRIGHT ROGER L
106 Christian Road
Beckley, WV 25801 ✓

HARTWELL RICHARD S
14595 Oliver Street
Largo, FL 33774 ✓

MCCALLISTER HOMER D
217 Snowy Owl Lane
Hurricane, WV 25526 ✓

MCCALLISTER JESSIE O
Rt 2 Box 164
Hurricane, WV 25526 ✓

HELMS SYBIL GARNETH
1559 Apploton Court
Columbus, OH 43232 ✓

DINGESS DAISY
2767 Prine Ridge Drive
Titusville, FL 32780 ✓

MCCALLISTER LORRAINE K
9125 Bradley Dr
N Richlands, TX 76180 ✓

HAGER CRETTE LOUISE
4008 Noyes Avenue
Charleston, WV 25304 ✓

BYUS ROBERT F
373 Second Street
Madison, WV 25130 ✓

KIRK CECIL C
5517 Toledo Ave.
Charleston, WV 25304 ✓

MCCALLISTER EMMA
108 Woodbridge Drive
Charleston, WV 25311 ✓

BASS DORIS JEAN
2601 Oakland, Apt. A110
Elkhart, IN 46517 ✓

JUDE BETTY J
118 Happy Valley Rd
S Williamson, KY 41503 ✓

Well # 804138
API # 47079-00892 P

7010 3090 0002 9275 3608

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Total Postage & Fees	\$ 7.40	01/26/2015

Postmark Here

Sent 804138 P&A (Coal)
 Street or PO Box Jeffrey W. McCallister
 City, State, ZIP+4® Rt 2 Box 162 Turkey Creek Road
 City, State, ZIP+4® Hurricane, WV 25526

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Sent 804138 P&A (Coal)
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 City, State, ZIP+4® Rt 2 Box 164 A
 City, State, ZIP+4® Hurricane, WV 25526

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Sent 804138 P&A (Coal)
 Street or PO Box Donald E. Hartwell
 City, State, ZIP+4® 4638 Wisteria Drive
 City, State, ZIP+4® Zephyrhills, FL 33541

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Total Postage & Fees	\$ 7.40	01/26/2015

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Sent 804138 P&A (Coal)
 Street or PO Box Charles J. Higginbotham
 City, State, ZIP+4® 1330 13th Street
 City, State, ZIP+4® Nitro, WV 25143

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Total Postage & Fees	\$ 7.40	01/26/2015

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Sent 804138 P&A (Coal)
 Street or PO Box Homer D. McCallister
 City, State, ZIP+4® 217 Snowy Owl Lane
 City, State, ZIP+4® Hurricane, WV 25526

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BECKLEY WV 25801

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Total Postage & Fees	\$ 7.40	01/26/2015

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Sent 804138 P&A (Coal)
 Street or PO Box Roger L. Wright
 City, State, ZIP+4® 106 Christian Road
 City, State, ZIP+4® Beckley, WV 25801

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WV Department of
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Well # 804138
 API# 47-079-00892 P

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NORTH RICHLAND HILLS TX 76180

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Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$7.40	01/26/2015

804138 P&A (Coal)
 Lorraine K. McCallister
 9125 Bradley Drive
 N Richlands, TX 76180

Sent _____
 Street or PO _____
 City, State _____

PS Form 3849, April 2014 See Reverse for Instructions

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COLUMBUS OH 43232

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804138 P&A (Coal)
 Sybil Garneth Helms
 1559 Apploton Court
 Columbus, OH 43232

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CHARLESTON WV 25311

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804138 P&A (Coal)
 Emma McCallister
 108 Woodbridge Drive
 Charleston, WV 25311

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 City, State _____

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MADISON WV 25130

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Total Postage & Fees	\$7.40	01/26/2015

804138 P&A (Coal)
 Robert F. Byus
 373 Second Street
 Madison, WV 25130

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 Street or PO _____
 City, State _____

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BREEZEWOOD PA 15533

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Total Postage & Fees	\$7.40	01/26/2015

804138 P&A (Coal)
 Lois D. Colvin
 1487 East Mattie Road, Box 132C
 Breezewood, PA 15533

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 City, State _____

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SOUTH WILLIAMSON KY 41503

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804138 P&A (Coal)
 Betty J. Jude
 118 Happy Valley Road
 S Williamson, KY 41503

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 Street or PO _____
 City, State _____

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LARGO FL 33774

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804138 P&A (Coal)
 Richard S. Hartwell
 14595 Oliver Street
 Largo, FL 33774

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 City, State _____

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FORT LAUDERDALE FL 33319

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Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$7.40	01/26/2015

804138 P&A (Coal)
 Gary McCallister
 5104 NW 64th Ter
 Lauderdale, FL 33319

Sent _____
 Street or PO _____
 City, State _____

PS Form 3849, April 2014 See Reverse for Instructions

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 WV Department of
 Environment & Protection

Well # 804138

API 47-079-00892

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CONCORD NC 28027

OFFICIAL USE

Postage	\$ 1.40	0523
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Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Coal)
 Bernard J. Barbee
 1620 Old harmony Drive
 Concord, NC 28027

Sent To: Bernard J. Barbee
 Street, Apt. No. or PO Box No.: 1620 Old harmony Drive
 City, State, ZIP: Concord, NC 28027

PS Form 3800 See Reverse for Instructions

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U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
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ELKHART IN 46517

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	\$ 3.30	01
Return Receipt Fee (Endorsement Required)	\$ 2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Coal)
 Doris Jean Bass
 2601 Oakland, Apt. A110
 Elkhart, IN 46517

Sent To: Doris Jean Bass
 Street, Apt. No. or PO Box No.: 2601 Oakland, Apt. A110
 City, State, ZIP: Elkhart, IN 46517

PS Form 3800 See Reverse for Instructions

7010 3090 0002 9275 3547

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CHARLESTON WV 25304

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	\$ 3.30	01
Return Receipt Fee (Endorsement Required)	\$ 2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Coal)
 Cretta Louise Hager
 4008 Noyes Avenue
 Charleston, WV 25304

Sent To: Cretta Louise Hager
 Street, Apt. No. or PO Box No.: 4008 Noyes Avenue
 City, State, ZIP: Charleston, WV 25304

PS Form 3800 See Reverse for Instructions

7010 3090 0002 9275 3516

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CONCORD NC 28027

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	\$ 3.30	01
Return Receipt Fee (Endorsement Required)	\$ 2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Coal)
 Lois Hollister
 3413 Wintergreen Terrace
 Grapevine, TX 76051

Sent To: Lois Hollister
 Street, Apt. No. or PO Box No.: 3413 Wintergreen Terrace
 City, State, ZIP: Grapevine, TX 76051

PS Form 3800 See Reverse for Instructions

7010 3090 0002 9275 3530

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CHARLESTON WV 25304

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	\$ 3.30	01
Return Receipt Fee (Endorsement Required)	\$ 2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Coal)
 Cecil C. Kirk
 5517 Toledo Avenue
 Charleston, WV 25304

Sent To: Cecil C. Kirk
 Street, Apt. No. or PO Box No.: 5517 Toledo Avenue
 City, State, ZIP: Charleston, WV 25304

PS Form 3800 See Reverse for Instructions

7010 3090 0002 9275 3554

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TITUSVILLE FL 32780

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	\$ 3.30	01
Return Receipt Fee (Endorsement Required)	\$ 2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Coal)
 Daisy Dingess
 2767 Pine Ridge Drive
 Titusville, FL 32780

Sent To: Daisy Dingess
 Street, Apt. No. or PO Box No.: 2767 Pine Ridge Drive
 City, State, ZIP: Titusville, FL 32780

PS Form 3800 See Reverse for Instructions

7010 3090 0002 9275 3363

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HURRICANE WV 25526

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	\$ 3.30	01
Return Receipt Fee (Endorsement Required)	\$ 2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Coal)
 Jessie O. McCallister
 Rt 2 Box 164
 Hurricane, WV 25526

Sent To: Jessie O. McCallister
 Street, Apt. No. or PO Box No.: Rt 2 Box 164
 City, State, ZIP: Hurricane, WV 25526

PS Form 3800 See Reverse for Instructions

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 Office of Oil and Gas
 JAN 28 2015
 WV Department of
 Environmental Protection

Well # 804138
API # 47-079-00892-P

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HARRISON TOWNSHIP MI 48045

Postage	\$ 1.40	0523
Certified Fee	3.30	01
Return Receipt Fee (Endorsement Required)	2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Coal)
Patricia A. Barker Scott
26220 South River Road
Harrison Township, MI 48045

Sent To: Patricia A. Barker Scott
Street, Apt. or PO Box: 26220 South River Road
City, State: Harrison Township, MI 48045

PS Form 3800, August 2009

7010 3090 0002 9275 3660

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HURRICANE WV 25526

Postage	\$ 1.40	0523
Certified Fee	3.30	01
Return Receipt Fee (Endorsement Required)	2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Surface)
Orman P. & Joshua Pual Yeager
456 Left Hand Turkey Creek
Hurricane, WV 25526

Sent To: Orman P. & Joshua Pual Yeager
Street, Apt. 1 or PO Box N: 456 Left Hand Turkey Creek
City, State, ZIP: Hurricane, WV 25526

PS Form 3800, August 2009

7010 3090 0002 9275 3646

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HURRICANE WV 25526

Postage	\$ 1.40	0523
Certified Fee	3.30	01
Return Receipt Fee (Endorsement Required)	2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Coal)
James L. Denny
21 Jefferson Park
Hurricane, WV 25526

Sent To: James L. Denny
Street or PO Box: 21 Jefferson Park
City, State: Hurricane, WV 25526

PS Form 3800, August 2009

7010 3090 0002 9275 3653

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MURRELLS INLET SC 29576

Postage	\$ 1.40	0523
Certified Fee	3.30	01
Return Receipt Fee (Endorsement Required)	2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Coal)
Bobby Glenn McCallister
9238 Serenity PL
Murrells Inlet, SC 29576

Sent To: Bobby Glenn McCallister
Street, Apt. 1 or PO Box N: 9238 Serenity PL
City, State, ZIP: Murrells Inlet, SC 29576

PS Form 3800, August 2009

7010 3090 0002 9275 3622

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LEXINGTON KY 40503

Postage	\$ 1.40	0523
Certified Fee	3.30	01
Return Receipt Fee (Endorsement Required)	2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	0.00	
Total	\$ 7.40	01/26/2015

804138 P&A (Coal)
Barbara L. Barker
590 Mitchells Avenue
Lexington, KY 40503

Sent To: Barbara L. Barker
Street or PO Box: 590 Mitchells Avenue
City, State: Lexington, KY 40503

PS Form 3800, August 2009

7010 3090 0002 9275 3639

U.S. Postal Service™
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For delivery information visit our website at www.usps.com

HOMETOWN WV 25109

Postage	\$ 1.40	0523
Certified Fee	3.30	01
Return Receipt Fee (Endorsement Required)	2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	0.00	
Total Postage & Fees	\$ 7.40	01/26/2015

804138 P&A (Coal)
Ralph E. McKinney Sr.
P.O. Box 103
Hometown, WV 25109

Sent To: Ralph E. McKinney Sr.
Street, Apt. or PO Box: P.O. Box 103
City, State: Hometown, WV 25109

PS Form 3800, August 2009

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Office of Oil and Gas
JAN 29 2015
WV Department of
Environmental Protection

FORM WW-4 (B)
Reverse

Farm Name _____
API No. 47-079-00892 P
Peter McCallister
Well No. 804138 P&A

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: Bernard J. Barber
Its: P&A Coal Owner

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Office of Oil and Gas
FEB 12 2015
WV Department of
Environmental Protection

7900829P

Rev. 02/01

API Number 47-079-00892
Operator's Well No. 804138 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 Left Hand Fork of turkey Creek Quadrangle Garretts Bend, WV 7.5'

Elevation 754' County Putnam District Curry

Description of anticipated Pit Waste: Plugging Returns/Cement

Will a synthetic liner be used in the pit? Yes 20 MIL.

- 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 _____)

- Proposed Work For Which Pit Will Be Used:
- Drilling
 - Workover
 - Swabbing
 - 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.

RECEIVED
Office of Oil and Gas

Company Official Signature *David Gocke*

JAN 20 2015

Company Official (Typed Name) David Gocke

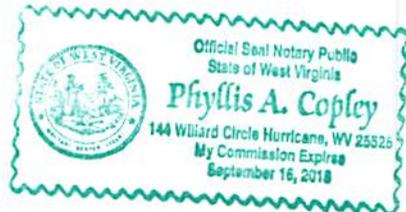
Company Official Title Manager - Operations, Appalachia South

WV Department of
Environmental Protection

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

Phyllis A. Copley Notary Public.

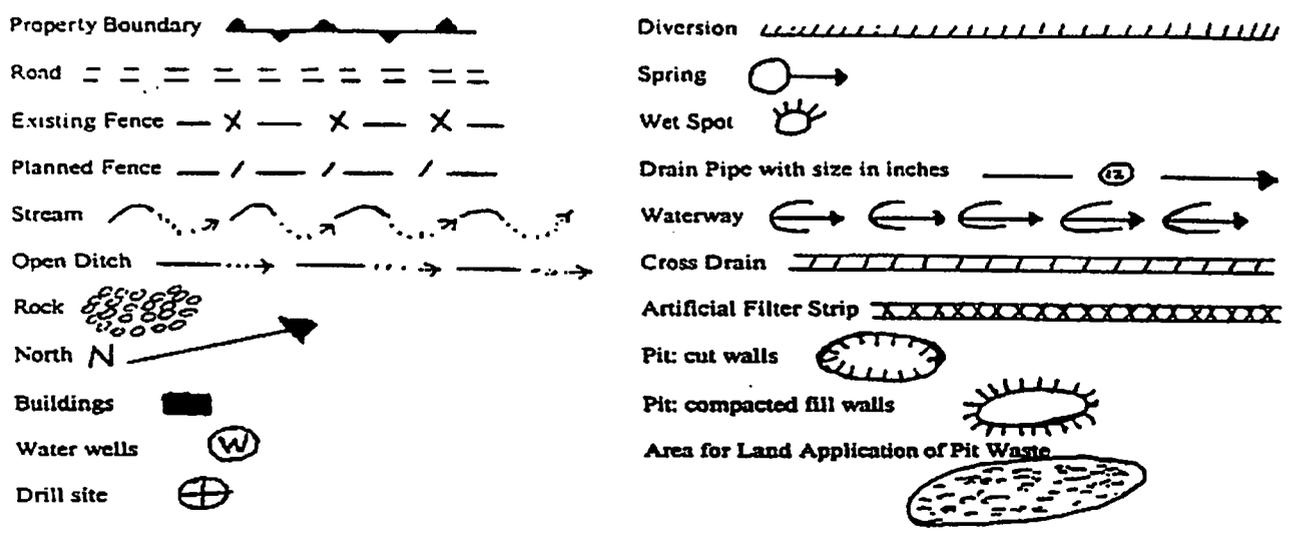
My Commission Expires September 16, 2018



Attachment #1

API #: 47-079-00892
 Operator's Well No. 804138 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
KY-31	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: *Janie Stevens*

Title: _____

Date: 2/5/2015

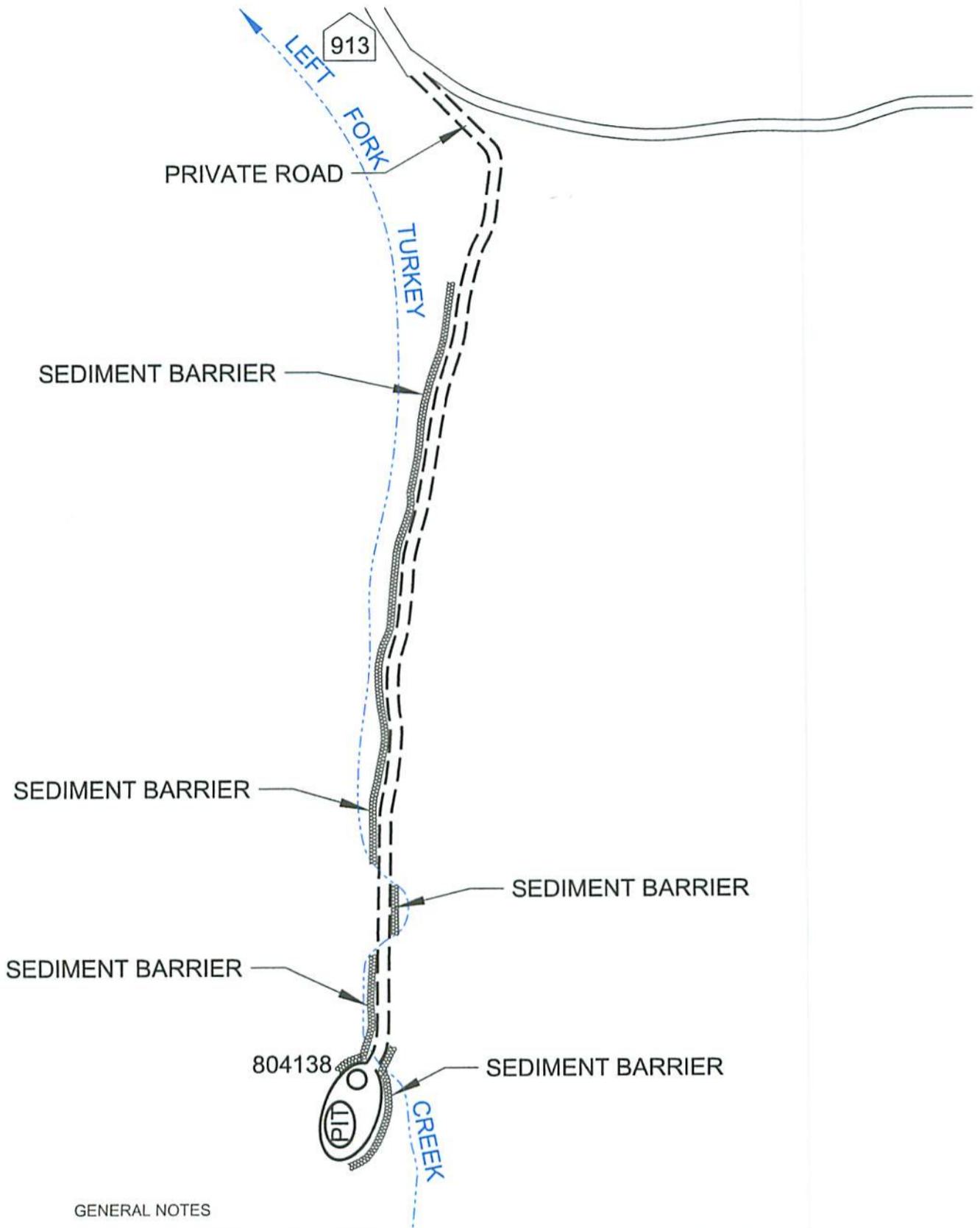
Field Reviewed? () Yes () No

7900892P

CHESAPEAKE APPALACHIA, L.L.C.

RECLAMATION DIAGRAM
WELL LOCATION 804138

API 47-079-00892



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 shown in approximate pre-planning configurations.

All culvert pipes will be a minimum of 15 inches in diameter. All culvert pipes installed will be accompanied 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 outfall of culverts will be protected from erosion and sedimentation using large rocks or 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 construction 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 and Gas

JAN 29 2015

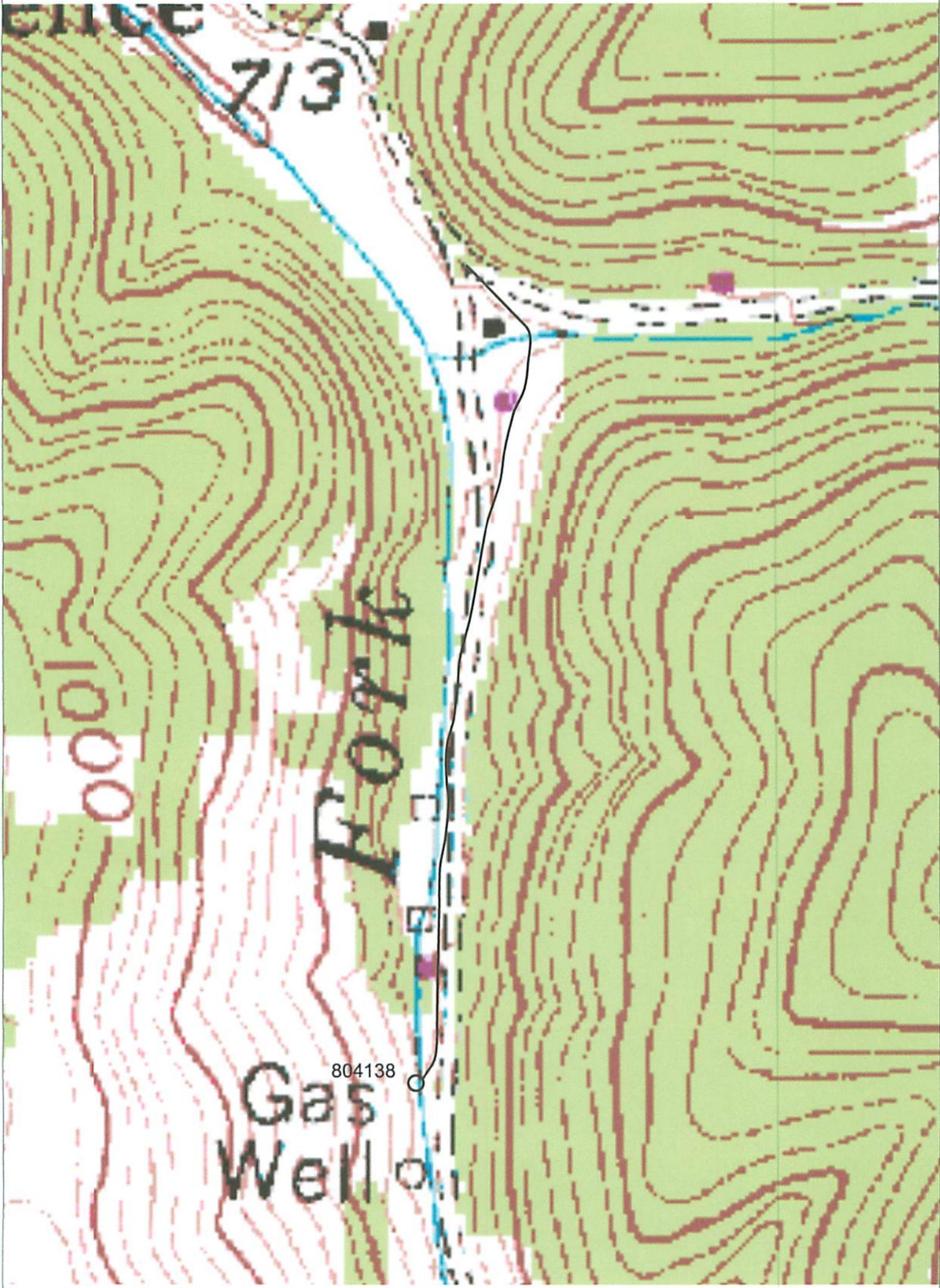
WV Department of
Environmental Protection

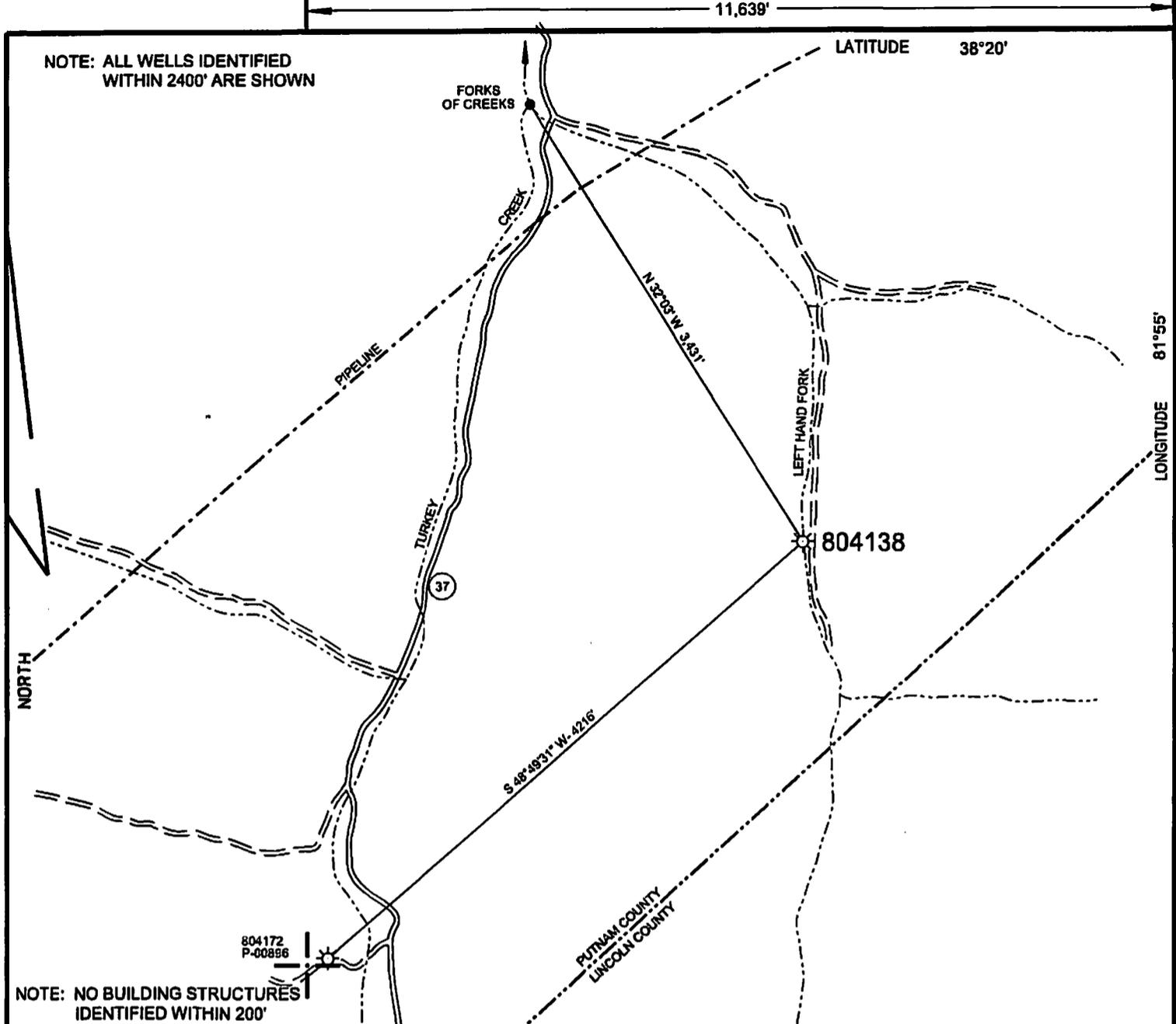
7900892P

CHESAPEAKE APPALACHIA, L.L.C.

TOPOGRAPHICAL MAP OF ACCESS AND
WELL LOCATION 804138

API 47-079-00892





WELL SITE	
STATE PLANE WV SOUTH ZONE NAD 1927 N - 474,492.04 : E - 1,725,311.42	
LATITUDE: (N) 38.2991972° LONGITUDE: (W) 81.9572020°	
UTM NAD83 17 - 84W TO 78W, METERS N - 4,239,455.977 : E - 416,314.757	

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

FILE NO. 804138.DGN

DRAWING NO. 804138 P&A

SCALE 1" = 1000'

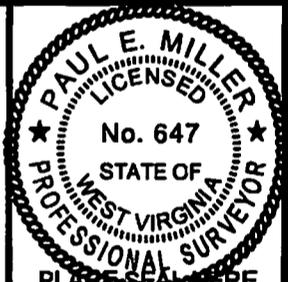
MINIMUM DEGREE OF ACCURACY 1:200

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) *Paul E. Miller*

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



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

DATE JANUARY 21, 20 15

OPERATOR'S WELL NO. 804138

API WELL NO. 47 079 00892 P

STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS,") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 754' WATER SHED LEFT HAND FORK OF TURKEY CREEK
DISTRICT _____ COUNTY PUTNAM

QUADRANGLE GARRETT'S BEND, WV 7.5'

SURFACE OWNER ORMAN P. YEAGER & JOSHUA PAUL YEAGER ACREAGE -

OIL & GAS ROYALTY OWNER _____ LEASE ACREAGE 218
LEASE NO. 1030380

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 CLEAN OUT AND REPLUG

TARGET FORMATION _____ ESTIMATED DEPTH _____

WELL OPERATOR CHESAPEAKE APPALACHIA, L.L.C. DESIGNATED AGENT JESSICA GREATHOUSE

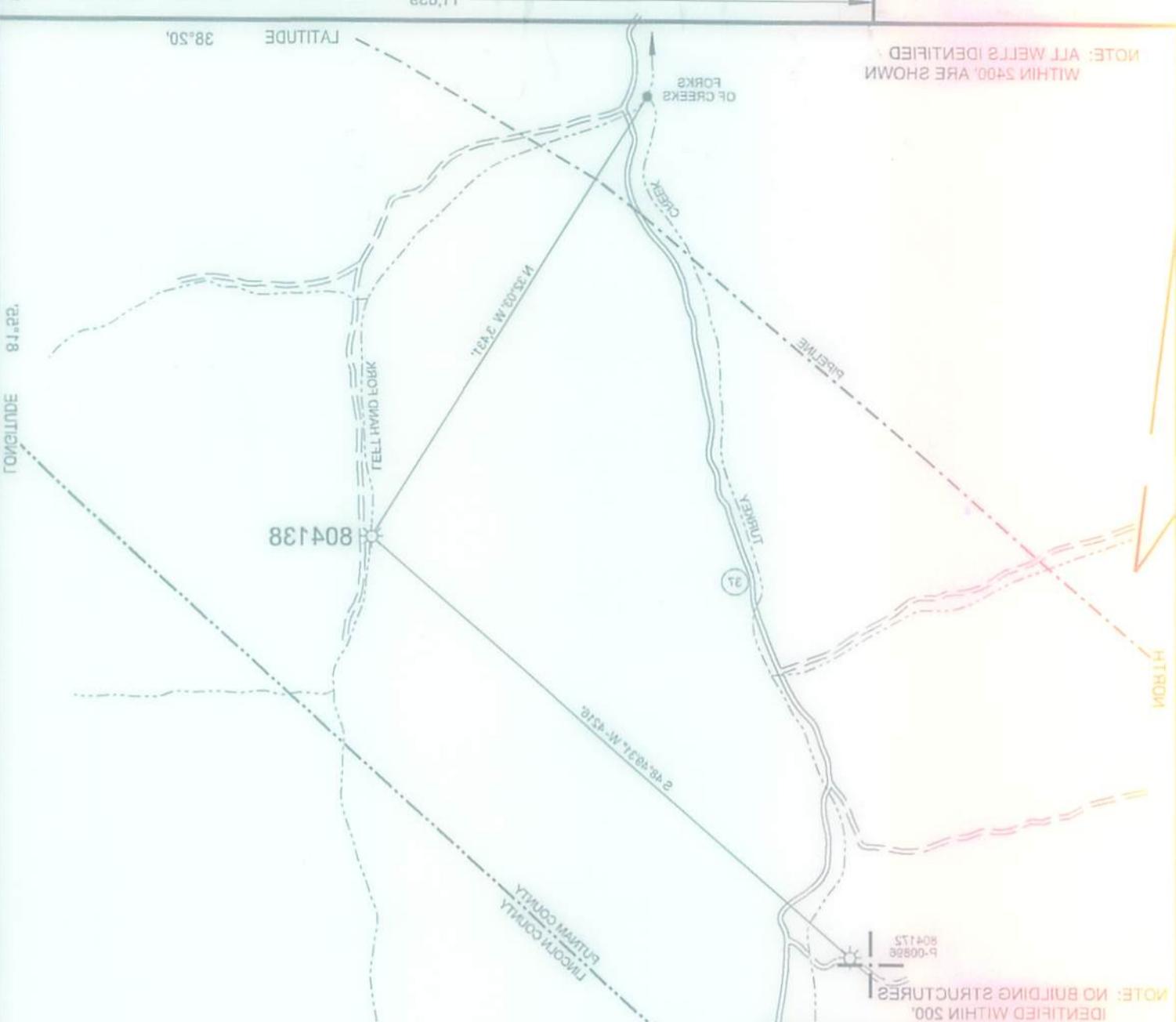
ADDRESS P.O. BOX 18496, OKLAHOMA CITY, OK 73154-0496 ADDRESS CHESAPEAKE APPALACHIA, L.L.C. PO BOX 6070, CHARLESTON, WV 25382

FORM WW-6

COUNTY NAME

PERMIT

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN



NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

WELL SITE
STATE PLANE W/
SOUTH ZONE NAD 1987
N - 474,482.04 : E - 1,725,311.42
LATITUDE (N) 38.2891972°
LONGITUDE (W) 81.9572020°
UTM NAD83
17 - 84W TO 78W, METERS
N - 4,238,452.977 : E - 416,314.757

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

FILE NO.	804138 DGN
DRAWING NO.	804138 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.I.S. _____ 647



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



DATE JANUARY 21, 2015
OPERATOR'S WELL NO. 804138
API WELL NO. 00829

WELL TYPE: OIL ___ GAS ___ LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 754' WATER SHED LEFT HAND FORK OF TURKEY CREEK
 DISTRICT CURRY COUNTY PUTNAM
 QUADRANGLE GARRETT'S BEND, WV 7.5.
 SURFACE OWNER ORMAN P. YEAGER & JOSHUA PAUL YEAGER
 OIL & GAS ROYALTY OWNER LEASE ACREAGE 218 ACREAGE
 LEASE NO. 1030390
 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 ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION _____ ESTIMATED DEPTH _____
 WELL OPERATOR CHESSAPEAKE APALACHIA, L.L.C. DESIGNATED AGENT JESSICA GREATHOUSE
 ADDRESS P.O. BOX 18498, OKLAHOMA CITY, OK 73154-0498 ADDRESS CHESSAPEAKE APALACHIA, L.L.C. P.O. BOX 8070, CHARLESTON, WV 25325

COUNTY NAME PERMIT