



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

October 08, 2014

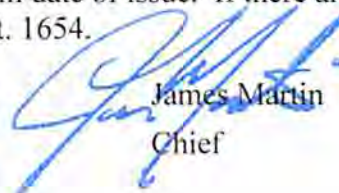
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-4301912, 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: 6089
Farm Name: JOHNSON, MARINE
API Well Number: 47-4301912
Permit Type: Plugging
Date Issued: 10/08/2014

Promoting a healthy environment.

10/10/2014

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.

4301912 P.

CK 5187246

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

1) Date: 8/28/2014
2) Operator's Well No. 806089 P&A
3) API Well No. 47-043-01912

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 763' Watershed Mud River
 District Carroll County Lincoln Quadrangle Hager, WV 7.5'

6) Well Operator Chesapeake Appalachia, L.L.C. 7) Designated Agent Eric B. Gillespie
 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 9) Plugging Contractor
 Name Ralph Triplett Name Chesapeake Appalachia, L.L.C.
 Address 5539 McClellan Highway Address P.O. Box 18496
Branchland, WV 25506 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 09/11/14

RECEIVED
OIL AND GAS
10/10/2014
WV Department of
Environmental Protection

806089 P&A Procedure

- 1) Prepare road and location, MIRU service rig
- 2) Attempt to pull 3 ½" and packer
- A) If successful
- a) Run W.S. to 2050', load hole with gel
 - b) Spot 150' cement plug 2050'-1900', pull W.S.
 - c) Proceed to step #3
- B) If unsuccessful
- a) RIH with tools to check TD at approximately 2090'
 - b) RIH with W.S. to 2070', load hole with gel
 - c) Spot 100' cement plug 2070'-1970', pull W.S.
 - d) Cut 3 ½" at free-point (approximately 1860') pull W.S.
 - e) Run W.S. to cut, load hole with gel
 - f) Spot 100' cement plug approximately 1860'-1760', pull W.S.
 - g) Proceed to step #3
- 3) Attempt to pull 5 ½" and packer
- A) If successful
- a) Run W.S. to 1750', load hole with gel, pull W.S. to 1560'
 - b) Spot 100' cement plug 1560'-1460', pull W.S.
 - c) Proceed to step #4
- B) If unsuccessful
- a) Run W.S. to 1820' or top of cement if shallower
 - b) Spot 100' cement plug 1820'-1720', pull W.S.
 - c) Cut 5 ½" at free-point (approximately 1580') and pull
 - d) Run W.S. to 5 ½" cut, load hole with gel
 - e) Spot 100' cement plug approximately 1580'-1480', pull W.S.
 - f) Proceed to step #4

OK
RDT

10/10/2014

- 4) Attempt to pull 6 5/8"
 - A) If successful
 - a) Run W.S. to 1325', load hole with gel
 - b) Spot 100' cement plug 1325'-1225'
 - c) Proceed to step #5
 - B) If unsuccessful
 - a) Run W.S. to 1375'
 - b) Spot 100' cement plug 1375'-1275', pull W.S.
 - c) Cut 6 5/8" at free-point (approximately 775') and pull
 - d) Proceed to step #5
- 5) Pull or run W.S. to 775', load hole with gel
- 6) Spot 125' cement plug 775'-650', pull W.S.
- 7) Attempt to pull 8 1/4" casing
 - A) If successful
 - a) Run W.S. to 370', load hole with gel
 - b) Spot 100' cement plug 370'-270'
 - c) Proceed to step #8
 - B) If unsuccessful
 - a) Run W.S. to 370'
 - b) Spot 100' cement plug 370'-270', pull W.S.
 - c) Cut 8 1/4" at free-point (approximately 135') and pull
 - d) Proceed to step #8
- 8) Pull or run W.S. to 135'
- 9) Spot 135' cement plug 135'-surface
- 10) Pull W.S. and top off with cement
- 11) Erect monument and reclaim as prescribed by law

10/10/2014

Office of Gas

WV Department of
Environmental Protection

#6089

043-1912
43 01912A

UNITED FUEL GAS COMPANY Development & Use

Incorporated in West Virginia
Huntington

Serial Well No. 268

Lease No. _____

Map Square 7-51

RECORD OF WELL No.		on the	CASTING AND TUBING			TEST BEFORE SHOT	
Marine Johnson	Farm of	Acres	Size	Used in Drilling	Left in Well		
in	Carroll	District	10			10ths of Water in _____ in _____	
	Lincoln	County	13			10ths of Merc. in <u>2</u> _____ in _____	
	Field, State of	W. Va.	10		21	10ths Volume _____ Cu. _____	
Rig Commenced		102	8 1/2		306	TEST AFTER SHOT	
Rig Completed		102	0 3/4		1327	_____ of Water in _____ in _____	
Drilling Commenced	Feb. 19, 1922	102	6 3/8-10		1747	10ths of Merc. in <u>2</u> _____ in _____	
Drilling Completed	Mar. 17, 1922	102	4			10ths Volume <u>360,000</u> _____ Cu. _____	
Drilling to cost	per foot		3		2104	Back Pressure <u>675</u>	
Contractor is:			2		1396	Date Shut _____	
Address:			SHUT IN			Size of Turbine _____	
Driller's Name	Roy & McComas		Date _____			Oil Flowed _____ bbls. 1st 24 hr	
			In _____ Tubing or Casing _____			Oil Pumped _____ bbls. 1st 24 hr	
			Size of Packer _____			Well abandoned and _____	
			Kind of Packer _____			Plugged _____ 10 _____	
			1st Perf. Set _____ from _____				
			2nd Perf. Set _____ from _____				

DRILLER'S RECORD

Formation	Top	Bottom	Thickness	Remarks
Surface gravel		21		Gas from Lime
Slate	21	40		Top of pay 1390'; bottom of pay 1393'
Sand	40	90		Cased at 1327' with 6-5/8" casing.
Slate	90	100		second minute pressure taken on account of leak in tubing.
Sand	100	140		Gauge after well was shut in 12 hrs. and left blow 1 1/2 hrs. 87/10 M.
Slate	140	200		thru 2".
Sand	200	240		<p style="font-size: 2em; font-family: cursive;">Total depth 2100</p> <div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> <p style="text-align: center;">RECEIVED Office of Oil and Gas SEP 09 2014 WV Department of Environmental Protection</p> </div> <p style="color: red; font-weight: bold; font-size: 1.2em;">10/10/2014</p>
Slate	240	350		
Slate	350	390		
Sand	390	430		
Slate	430	510		
Big dunkard sand	510	550		
Slate & shells	550	750		
Salt sand	750	870		
Slate	870	885		
Sand	885	900		
Slate	900	1000		
Sand	1000	1185		
Slate	1185	1215		
Red rock	1215	1220		
Slate	1220	1230		
Sand	1230	1260		
Red rock	1260	1265		
Lime	1265	1290		
Slate	1290	1300		
Little lime	1300	1320		
Pencil cave	1320	1325		
Big lime	1325			
Total Depth	1396			

WW4-A
Revised
2/01

1) Date: 8/28/2014
2) Operator's Well No. 806089 P&A
3) API Well No. 47-043-01912

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 Calvert-Lee Investments LLC ✓
Address 5609 N Classen Blvd, Suite 100
Oklahoma City, OK 73118

5) Coal Operator
(a) Name None
Address _____

(b) Name Richard Hamrick ✓
Address P.O. Box 36
Hamlin, WV 25523

Coal Owner(s) with Declaration
(b) Name Pocahontas Land Corp. ✓
Address 800 Princeton Avenue
Bluefield, WV 24701

(c) Name _____
Address _____

Name _____
Address _____

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

Coal Lessee with Declaration
(c) Name None
Address _____

Telephone 304-389-0350

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 28th day of August the year of 2014

Phyllis A. Copley Notary Public
My Commission Expires September 16, 2018
Form WW-9

7012 3460 0000 4499 3187

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OKLAHOMA CITY OK 73118

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	\$ 3.30	05
Return Receipt Fee (Endorsement Required)	\$ 2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 7.40	09/08/2014

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

806089 P&A
 Calvert-Lee Investments LLC
 5609 N Classen Blvd Suite 100
 Oklahoma City, OK 73118

PS Form 3800, A

806089 P&A
 47-043-01912P

7012 3460 0000 4499 3194

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BLUEFIELD WV 24701

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	\$ 3.30	05
Return Receipt Fee (Endorsement Required)	\$ 2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total	\$ 7.40	09/08/2014

Sent To
 Street,
 or PO
 City, Si

806089 P&A
 Pocahontas Land Corp.
 800 Princeton Avenue
 Bluefield, WV 24701

PS Form 3800, A

7012 3460 0000 4499 3170

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
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HAMLIN WV 25523

OFFICIAL USE

Postage	\$ 1.40	0523
Certified Fee	\$ 3.30	05
Return Receipt Fee (Endorsement Required)	\$ 2.70	Postmark Here
Restricted Delivery Fee (Endorsement Required)	\$ 0.00	
Total Postage & Fees	\$ 7.40	09/08/2014

Sent To
 Street, Apt.
 or PO Box
 City, State,

806089 P&A
 Richard Hamrick
 P.O. Box 36
 Hamlin, WV 25523

PS Form 3800, A

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 Office of Oil and Gas
 SEP 08 2014
 WV Department of
 Environmental Protection

10/10/2014

4301912P

Rev. 02/01

API Number 47-043-01912
Operator's Well No. 806089 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 Mud River Quadrangle Hager, WV 7.5'
Elevation 763' County Lincoln District Carroll

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:
 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.

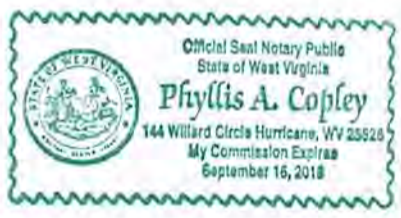
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *David Gocke*
Company Official (Typed Name) David Gocke
Company Official Title Manager - Operations, Appalachia South

Subscribed and sworn before me this 28th day of August, 2014.

Phyllis A. Copley Notary Public.

My Commission Expires September 16, 2018

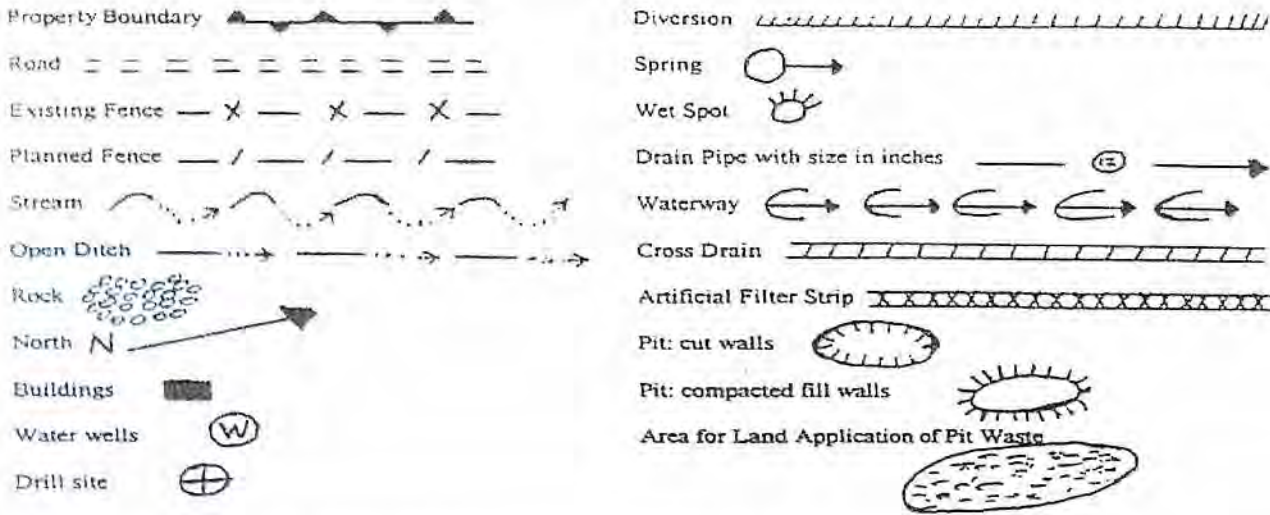


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Office of Oil and Gas
SEP 16 2014
WV Department of
Environmental Protection

Attachment #1

API #: 47-043-01912
 Operator's Well No. 806089 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: Ralph D. Tippett

Title: District Inspector

Date: September 11, 2014

Field Reviewed? () Yes () No

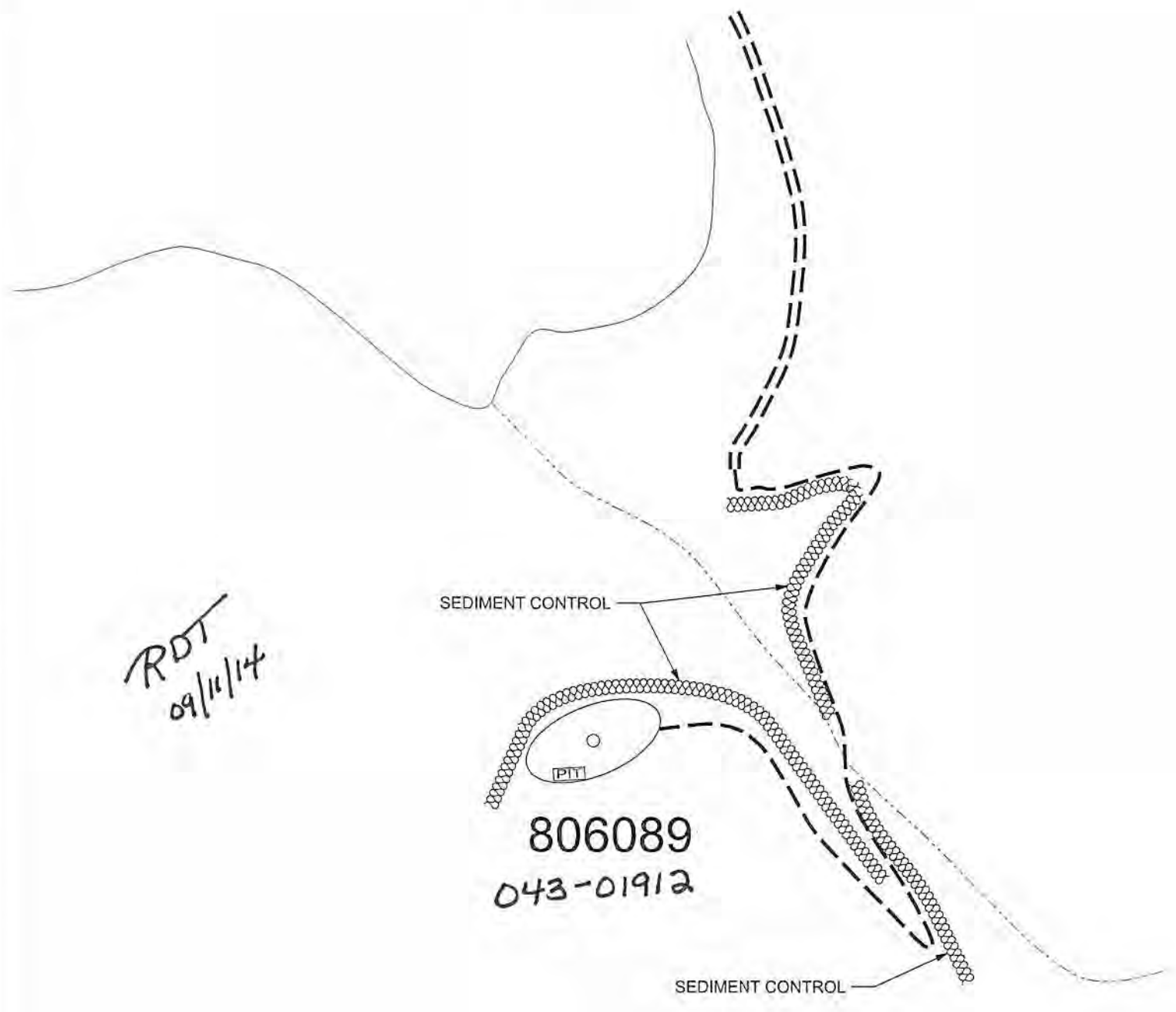
10/10/2014

4301912P

CHESAPEAKE APPALACHIA, L.L.C.

RECLAMATION DIAGRAM
WELL LOCATION 806089

API 47-043-01912



RDT
09/11/14

806089
043-01912

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 out fall 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.

10/10/2014

RECEIVED
Office of Oil and Gas

SEP 16 2014

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

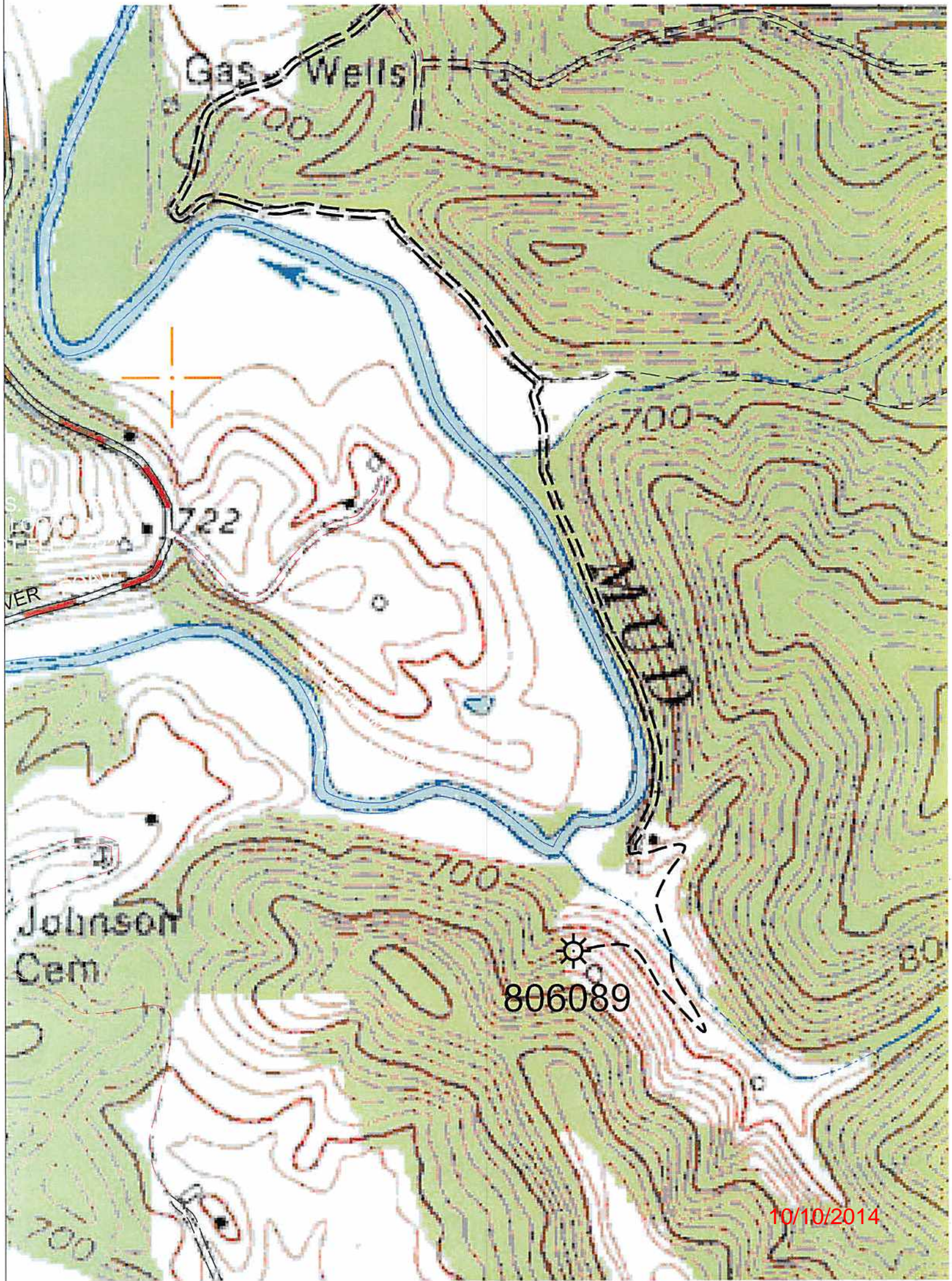
WV Department of
Environmental Protection

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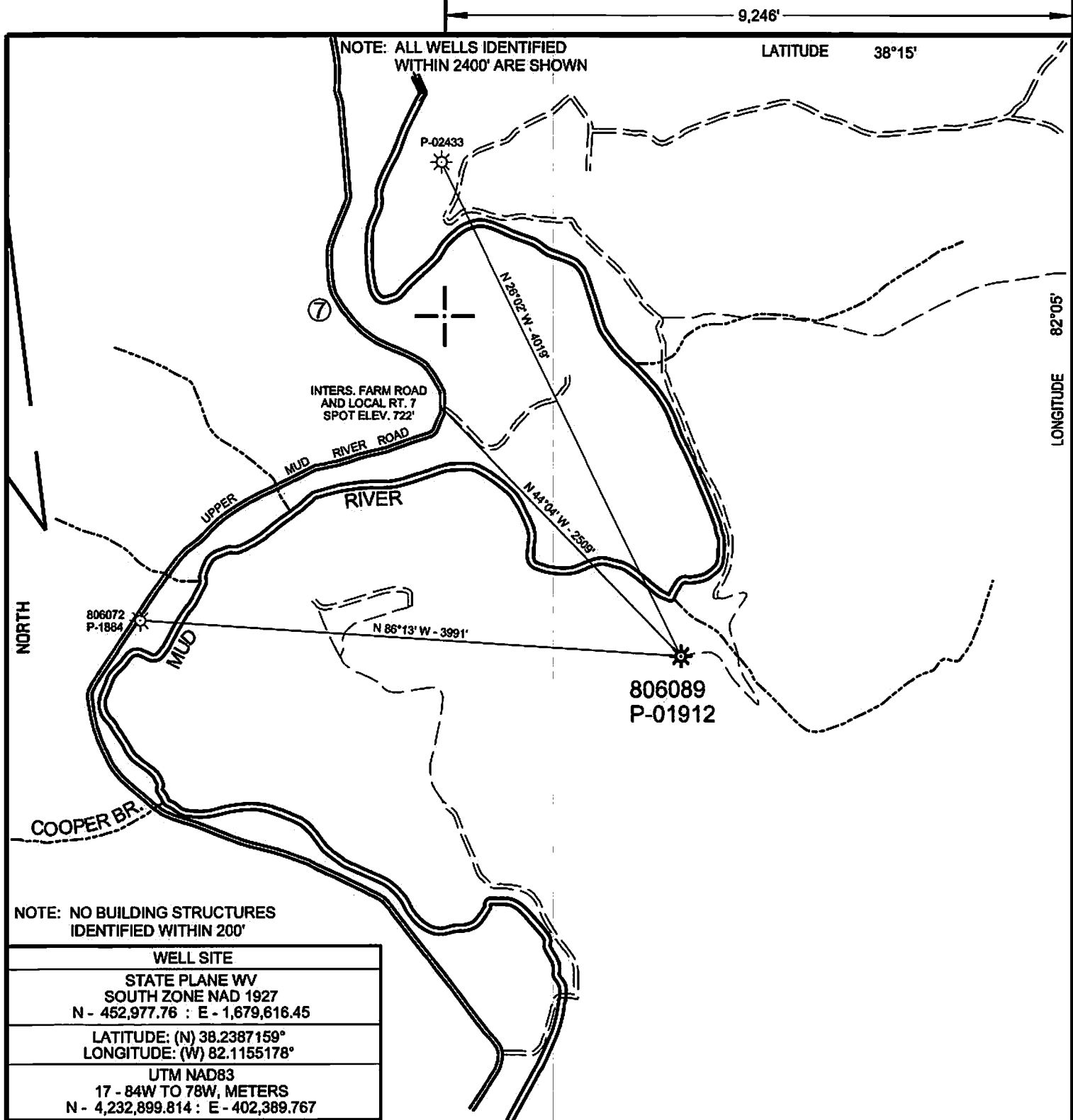
CHESAPEAKE APPALACHIA, L.L.C.

TOPOGRAPHICAL MAP OF ACCESS AND
WELL LOCATION 806089

API 47-043-01912



10/10/2014



WELL SITE	
STATE PLANE WV SOUTH ZONE NAD 1927 N - 452,977.76 : E - 1,679,616.45	
LATITUDE: (N) 38.2387159° LONGITUDE: (W) 82.1155178°	
UTM NAD83 17 - 84W TO 78W, METERS N - 4,232,899.814 : E - 402,389.767	

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

FILE NO. 806089 P&A.DGN

DRAWING NO. 6089 P&A

SCALE 1" = 1000'

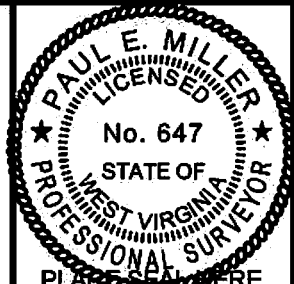
MINIMUM DEGREE OF ACCURACY 1:200

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 JULY 7, 20 14

OPERATOR'S WELL NO. 806089

API WELL NO. _____

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

LOCATION: ELEVATION 763' WATER SHED MUD RIVER

DISTRICT CARROLL COUNTY LINCOLN

QUADRANGLE HAGER, WV 7.5'

SURFACE OWNER RICHARD P. HAMRICK III ACREAGE 72.5

OIL & GAS ROYALTY OWNER CHESAPEAKE APPALACHIA, L.L.C. LEASE ACREAGE 10/10/2014

LEASE NO. _____ FEE O&G _____

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 BEREA ESTIMATED DEPTH _____

WELL OPERATOR CHESAPEAKE APPALACHIA, L.L.C. DESIGNATED AGENT ERIC B. GILLESPIE

ADDRESS P.O. BOX 18496, OKLAHOMA CITY, OK 73154-0496 ADDRESS CHESAPEAKE APPALACHIA, L.L.C. PO BOX 6070, CHARLESTON, WV 25362

FORM WW-6

COUNTY NAME

PERMIT

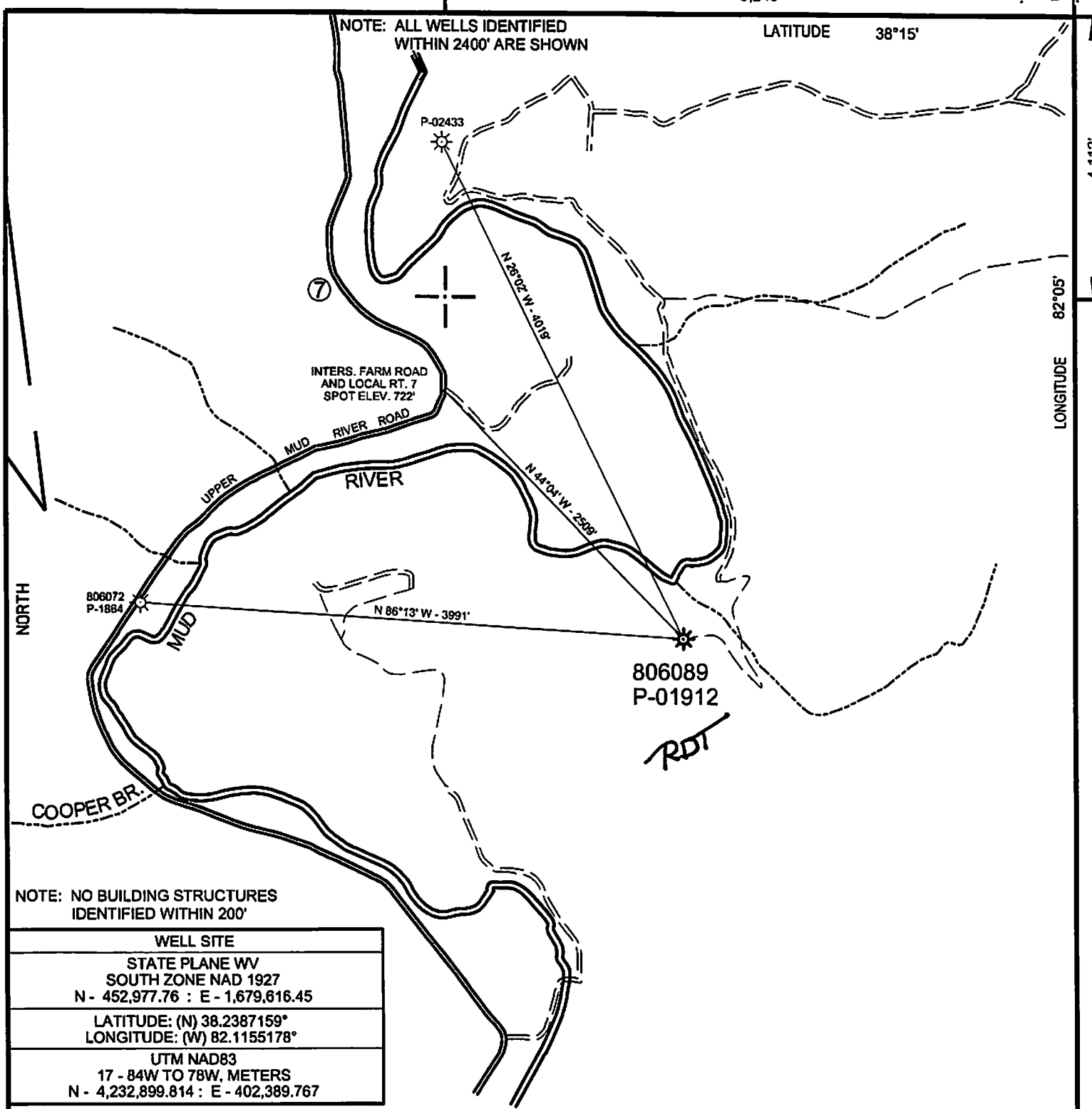
4301912A

9,246'

LATITUDE 38°15'

LONGITUDE 82°05'

NOTE: ALL WELLS IDENTIFIED WITHIN 2400' ARE SHOWN



NOTE: NO BUILDING STRUCTURES IDENTIFIED WITHIN 200'

WELL SITE	
STATE PLANE WV	
SOUTH ZONE NAD 1927	
N - 452,977.76 : E - 1,679,616.45	
LATITUDE: (N) 38.2387159°	
LONGITUDE: (W) 82.1155178°	
UTM NAD83	
17 - 84W TO 78W, METERS	
N - 4,232,899.814 : E - 402,389.767	

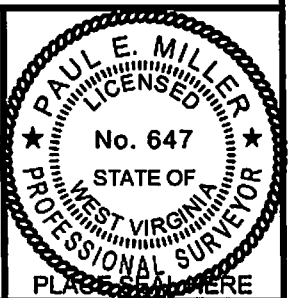
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS


FILE NO.	806089 P&A.DGN
DRAWING NO.	6089 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	JULY 7, 20 14		
		OPERATOR'S WELL NO.	806089		
		API WELL NO.	47	043	01912 P
			STATE	COUNTY	PERMIT
WELL TYPE: OIL ___ GAS <u>X</u> LIQUID INJECTION ___ WASTE DISPOSAL ___					
(IF "GAS,") PRODUCTION ___ STORAGE ___ DEEP ___ SHALLOW <u>X</u>					
LOCATION: ELEVATION 763'					MUD RIVER
DISTRICT	CARROLL	COUNTY	LINCOLN		
QUADRANGLE	HAGER, WV 7.5'				
SURFACE OWNER	RICHARD P. HAMRICK III		ACREAGE	72.5	
OIL & GAS ROYALTY OWNER	CHESAPEAKE APPALACHIA, L.L.C.		LEASE ACREAGE	10/10/2014	
	LEASE NO.	FEE O&G			
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____					RECEIVED Office of Oil and Gas
PLUG AND ABANDON <u>X</u> CLEAN OUT AND REPLUG ___					SEP 16 2014
TARGET FORMATION	BEREA	ESTIMATED DEPTH			
WELL OPERATOR	CHESAPEAKE APPALACHIA, L.L.C.		DESIGNATED AGENT	ERIC B. GILLESPIE	
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