



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

December 23, 2014

WELL REGISTER PERMIT
Assigned Permit Number

This API Well Number: 47-4902373, issued to CONSOLIDATION COAL COMPANY, is evidence of permission to operate the well that is referenced at the location described on the attached plat, subject to the provisions of Chapters 22 and 22B of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder. Spills or emergency discharges must be reported to 1-800-642-3074.

Failure to abide by the statutory and regulatory provisions governing all duties and operations hereunder may result in suspensions or revocation of your permits and in addition may result in civil and/or criminal penalties.

Annual production reports must be submitted on this well and failure to do so may require you to plug the well.



James Martin
Chief

Operator's Well No: 3358 (JH FURBEE 6850-H)
Farm Name: MILLER, FREELAND W.
API Well Number: 47-4902373
Permit Type: Assigned Permit Number
Date Issued: 12/23/2014

Received
Office of Oil & Gas

NOV 14 2014

1.) Date: October 20, 2014
2.) Operator's Well No. 3358
3.) API Well No. 47 - 49 - 02373
State County Permit

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL & GAS
APPLICATION FOR A PERMIT TO PLUG & ABANDON

4.) WELL TYPE: Oil _____ / Gas X / Liquid injection _____ / Waste disposal _____ /
(If "Gas", Production _____ / Underground storage _____ / Deep _____ / Shallow X)

5.) LOCATION: Elevation: 1221.11' Watershed: Buffalo Creek
District: Mannington 04 County: Marion 44 Quadrangle: Mannington 7.5' 457

6.) WELL OPERATOR Consolidation Coal Co. 7.) DESIGNATED AGENT Ronnie Harsh
Address 1 Bridge St. Address 1 Bridge St.
Monongah, WV 26554 Monongah, WV 26554

8.) OIL & GAS INSPECTOR TO BE NOTIFIED 9.) PLUGGING CONTRACTOR
Name Bill Hendershot Name _____
Address 403 James St. Address _____
Mannington, WV 26582

10.) WORK ORDER: The work order for the manner of plugging this well is as follows:

SEE EXHIBIT NO. 1

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

Work order approved by inspector _____ Date _____

01/09/2015

GPS WELL LOCATION SHEET

Office of Oil & Gas

WELL 3358

VERTICAL DATUM: N.A.D. 27 WV. NORTH

NOV 14 2014

(JH FURBEE 6850-H)

COORDINATE DATUM: LOVERIDGE MINE COORDINATE SYSTEM

API # 47-049-0971-A

ORDER OF ACCURACY: MAPPING GRADE 1 METER ±

ESTABLISHED BY: BLUE MOUNTAIN ENGINEERING

LANDOWNER:

STATE: WEST VIRGINIA COUNTY: MARION

JAMES A. STURM Sr.

N.A.D. 27 WELL DATA

WELL NO.

YEAR

STATUS

NORTHING (X) = 378209.006

3358

2012

NON-ACTIVE

EASTING (Y) = 1759581.785

DETAILED DESCRIPTION: 8" CASING 2" MONUMENT

ELEVATION (Z) = 0.00

CHIEF OF PARTY: RAY STONEKING

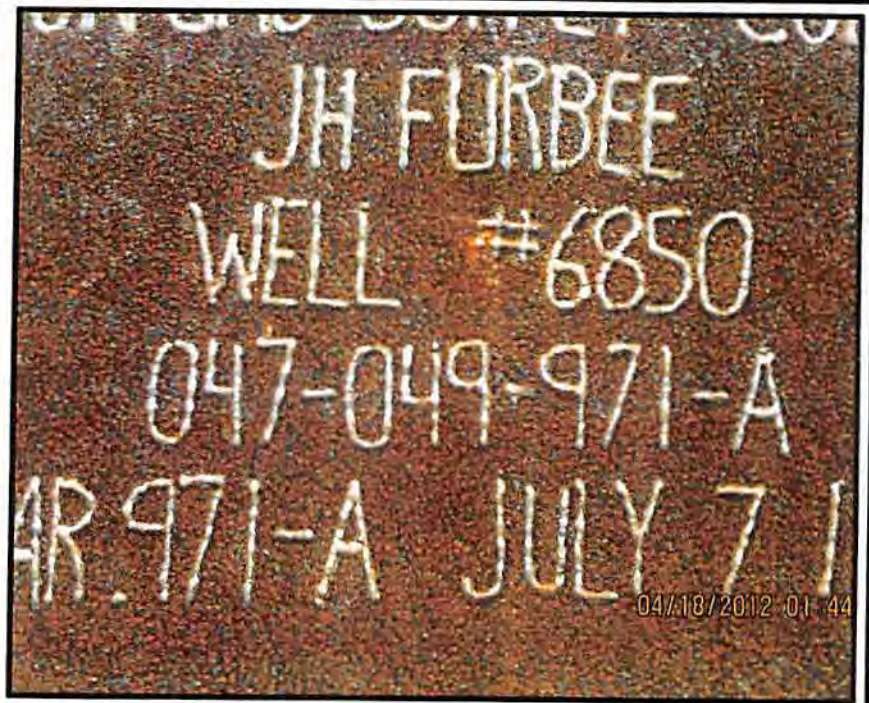
RECOVERED DATE ESTABLISHED: 4/19/2012

LOVERIDGE MINE WELL DATA

NORTHING (X) = 24502.400

EASTING (Y) = -52973.800

ELEVATION (Z) = 0.00



LOCATION MAP
SCALE: 1" = 2000'



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1) Date: October 20, 2014
2) Operator's Well No. 3358
3) API Well No. 47-49-02373
State County Permit

STATE OF WEST VIRGINIA
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 Freeland W. Miller
Address P. O. Box 91
Rachel, WV 26587

(b) Name _____
Address _____

(c) Name _____
Address _____

(6) INSPECTOR _____
Address _____

Telephone _____

5)a) COAL OPERATOR
Name CONSOLIDATION COAL CO.
Address 1 Bridge St.
Monongah, WV 26554

(b) COAL OWNER(S) WITH DECLARATION:
Name _____
Address _____

(c) COAL LESSEE WITH DECLARATION:
Name _____
Address _____

TO THE PERSON(S) 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 and its location 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 REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM WW-4(B) DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this 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 this Notice, the Application, and the plat have been mailed by registered or certified mail or delivery by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery by the Chief.

WELL OPERATOR Consolidation Coal Company
By Ronnie Harsh
Its Project Engineer / Agent
Address 1 Bridge St.
Monongah, West Virginia 26554
Telephone (304) - 534 - 4748

Ronnie Harsh

Subscribed and sworn before me this 22nd day of October, 2014

Janet L. Lieving Notary Public
Marion County, State of West Virginia

My commission expires June 13, 2024



Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a 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.

01/09/2015

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NOV 14 2014

7013 1090 0001 8349 1704

U.S. Postal Service™ *R. Harsh 3358*
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$.70
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.70

Postmark Here
 MONONGAHLA WV 26554
 OCT 22 2014
 MONONGAHLA CPU

Sent To *Freeland W. Miller*
 Street, Apt. No., or PO Box No. *P.O. Box 91*
 City, State, ZIP+4 *Rachel, WV 26587*

PS Form 3800, August 2006 See Reverse for Instructions

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 Consolidation Coal Company OP Code 10950

Watershed Buffalo Creek Quadrangle Mannington

Elevation 1221.11' County Marion District Mannington

Description of anticipated Pit Waste: N/A

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes _____ No X

Will a synthetic liner be used in the pit? N/A. If so, what 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)
X Other (Explain Tanks, see attached letter)

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. Freshwater
If oil based, what type? Synthetic, petroleum, etc.? _____

Additives to be used? Bentonite, Bicarbonate of Soda

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Reused or Disposed (see attached letter)
-If left in pit and plan to solidify what medium will be used? Cement, lime, sawdust _____
-Landfill or offsite name/permit number? _____

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 Ronnie Harsh

Company Official (Typed Name) Ronnie Harsh

Company Official Title Project Engineer

Subscribed and sworn before me this 22nd day of October, 2014

Janet L. Lieving

My commission expires June 13, 2024



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EXHIBIT NO.1

From the experience and technology developed since 1970 in plugging oil and gas wells for mining through, Consolidation Coal's Northern West Virginia Operations will utilize one of the following two methods to plug all future wells.

4 ½ VENT PIPE METHOD

- (a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below the lowest minable coal seam.
- (b) If abandoned well: clean out to first plug 200 feet below lowest minable coal seam.
- (c) Run 4 ½ casing from surface to a minimum of 200 feet below lowest minable coal seam and circulate 50/50 poz mix cement followed by expanding cement to surface. The expanding cement shall extend from a minimum of 200 feet below minable coal seam to a point 100 feet above.

The 4 ½ will remain open from surface to a minimum of 80 feet below that minable coal seam.

SOLID PLUG METHOD

- (a) If active well: clean out to total depth and plug back according to state regulations to a minimum of 200 feet below lowest minable coal seam.
- (b) If abandoned well: clean out to first plug 200 feet below lowest minable coal seam.
- (c) Circulate through tubing or drill steel an expanding cement plug from a minimum of 200 feet below minable coal seam to a point 100 feet above minable coal.

Circulate through tubing or drill steel 50/50 poz mix from 100 feet above coal seam to surface.

A monument will be installed with API No. and stating "solid plug".

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Office of Oil & Gas

NOV 14 2014

Consolidation Coal Company
Northern West Virginia Operations
1 Bridge Street
Monongah, WV 26554

phone: 304-534-4748
fax: 304-534-4739
e-mail: ronnieharsh@consolenergy.com
web: www.coalsource.com

*Name: RONNIE HARSH
*title: Project Engineer

April. 7, 2014

Department of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304-2345
Phone: (304) 926-0499
Fax: (304) 926-0452


To Whom It May Concern:

As per the Department of Environmental Protection, Office of Oil and Gas request, Consolidation Coal Company, Northern West Virginia Operations, submits the following procedures utilizing pit waste.

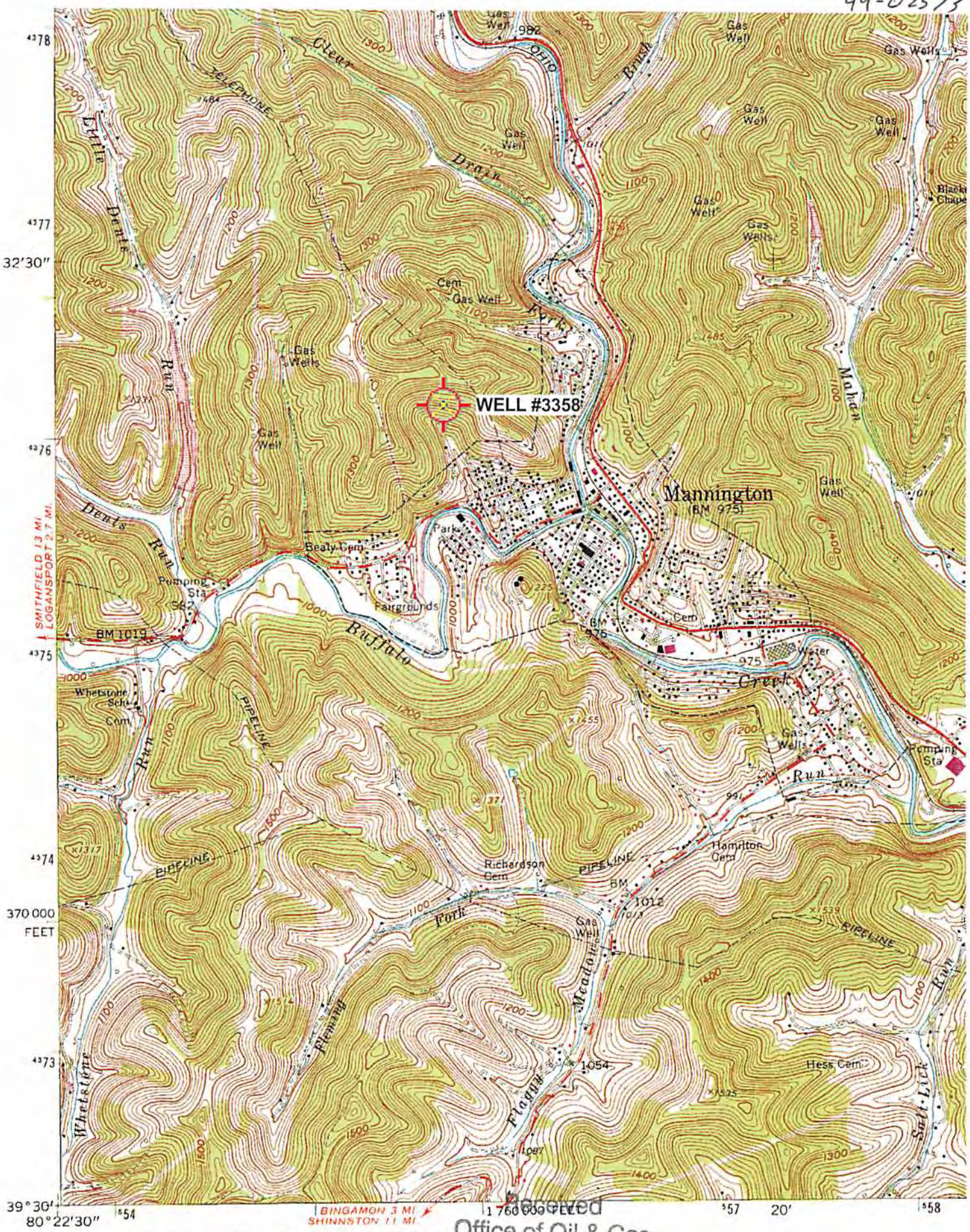
Upon submitting a well work application (without general permit for Oil and Gas Pit Waste Discharge Application), Consolidation Coal Company, Northern West Virginia Operations, will construct no pits, but instead will use mud tanks to contain all drilling muds.

Once the well is completed, that material (minus the cave material) will be trucked to the next well to be plugged or to DEP impoundment facilities number U-78-83, U-104-83, or U-1011-93.

Sincerely,



Ronnie Harsh
Project Engineer



SMITHFIELD 1.3 MI
LOGANSPORT 2.7 MI

370 000
FEET

39° 30'
80° 22' 30"

BINGAMON 3 MI
SHINNSTON 11 MI

Office of Oil & Gas

NOV 14 2014

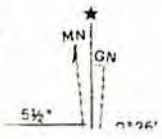
01/09/2015

(WALLACE)
4952 IV NW

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS

Topography by photogrammetric methods from aerial
photographs taken 1957. Field checked 1960

'Mannington; WV' Scale: 1" = 0.379Mi 610Mt 2,000Ft, 1 Mi = 2.640", 1 cm = 240Mt



WW-7
8-30-06

Received
Office of Oil & Gas

NOV 14 2014



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-049-02373 WELL NO.: 3358

FARM NAME: J. H. Furbee

RESPONSIBLE PARTY NAME: Consolidation Coal Company

COUNTY: Marion DISTRICT: Mannington

QUADRANGLE: Mannington

SURFACE OWNER: Freeland W. Miller

ROYALTY OWNER: _____

UTM GPS NORTHING: 4,376,389 m

UTM GPS EASTING: 555,666 m GPS ELEVATION: 372m

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ____: Post Processed Differential ____
Real-Time Differential ____

Mapping Grade GPS X: Post Processed Differential X
Real-Time Differential ____

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data 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 Office of Oil and Gas.



Signature

Professional Surveyor
Title

October 20, 2014

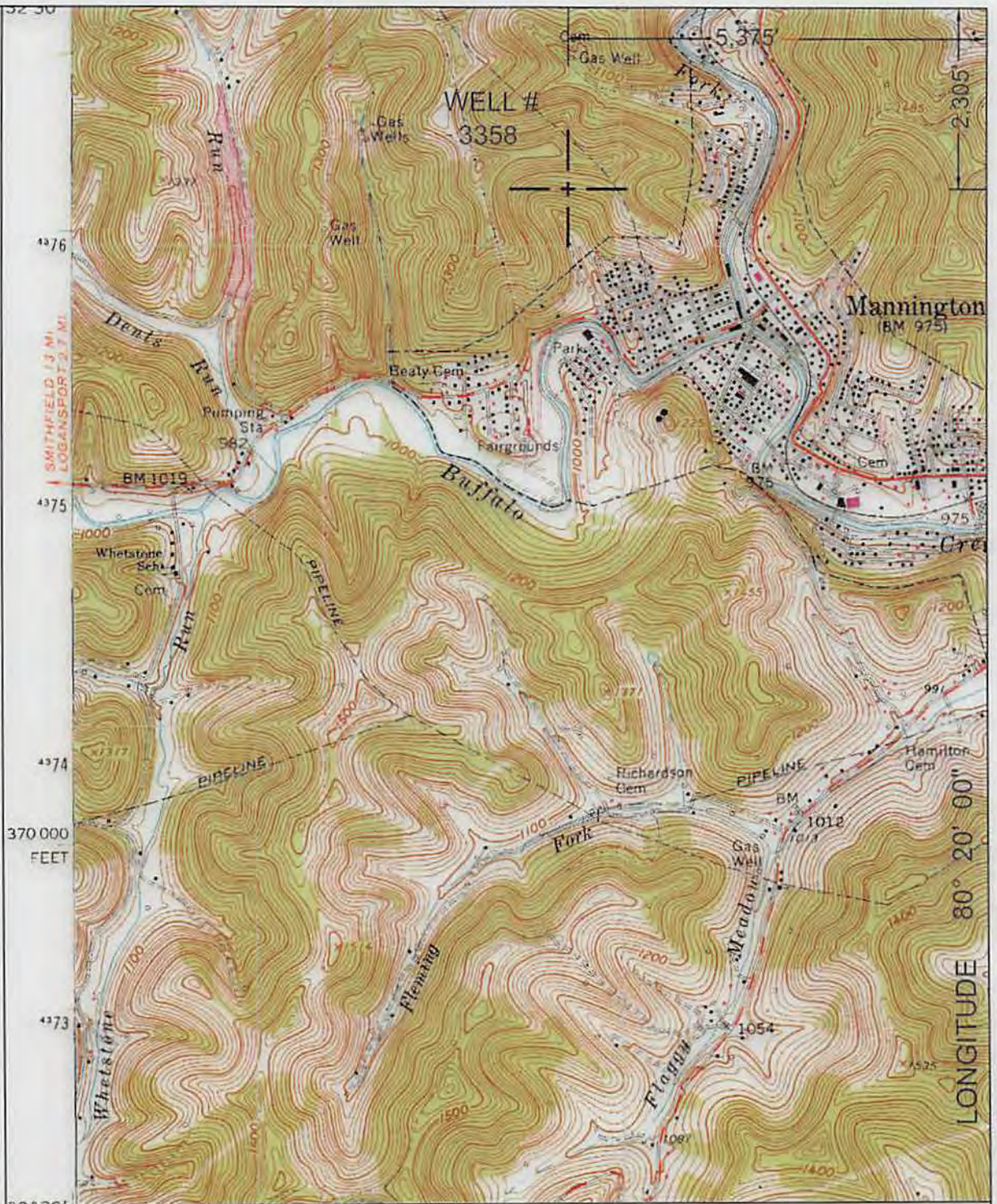
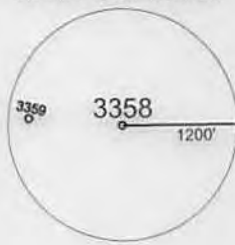
Date

01/09/2015

LATITUDE
39° 32' 30"

NORTH

SURROUNDING WELLS
WITHIN 1200' RADIUS



UTM Z17N NAD83 CONUS		LAT./LONG. NAD27 CONUS	
NORTHING	4,376,389 M	39° 32' 07.0" N	
EASTING	555,666 M	80° 21' 08.7" W	



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 ENERGY.
P.S. 2002

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.
DATE OCTOBER 20, 20 14
OPERATORS WELL NO. 3358
API WELL NO. 47 - 49 - 02373
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY: 1/2500 FILE NO.: MANNINGTON7.DWG
PROVEN SOURCE OF ELEVATION: GPS METADATA OR COMPANY NETWORK TIED INTO U.S.G.S. SCALE: 1"=2000'

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



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1221.11' WATERSHED: BUFFALO CREEK
DISTRICT: MANNINGTON COUNTY: MARION QUADRANGLE: MANNINGTON, WV 7.5'
SURFACE OWNER: FREELAND W. MILLER ACREAGE: 36.58± ACRES
ROYALTY OWNER: _____ LEASE ACREAGE: _____
PROPOSED WORK: _____ LEASE NO.: _____

DRILL: _____ CONVERT: _____ DRILL DEEPER: _____ REDRILL: _____ FRACTURE OR STIMULATE: _____ PLUG OFF OLD: _____
FORMATION: _____ PERFORATE NEW FORMATION: _____ PLUG AND ABANDON: CLEAN OUT AND REPLUG: _____ OTHER: _____
PHYSICAL CHANGE IN WELL (SPECIFY): _____ TARGET FORMATION: NONE
ESTIMATED DEPTH: _____

01/09/2015

WELL OPERATOR: CONSOLIDATION COAL COMPANY DESIGNATED AGENT: RONNIE HARSH
ADDRESS: 1 BRIDGE ST., MONONGAH, WV 26554 ADDRESS: 1 BRIDGE ST., MONONGAH, WV 26554

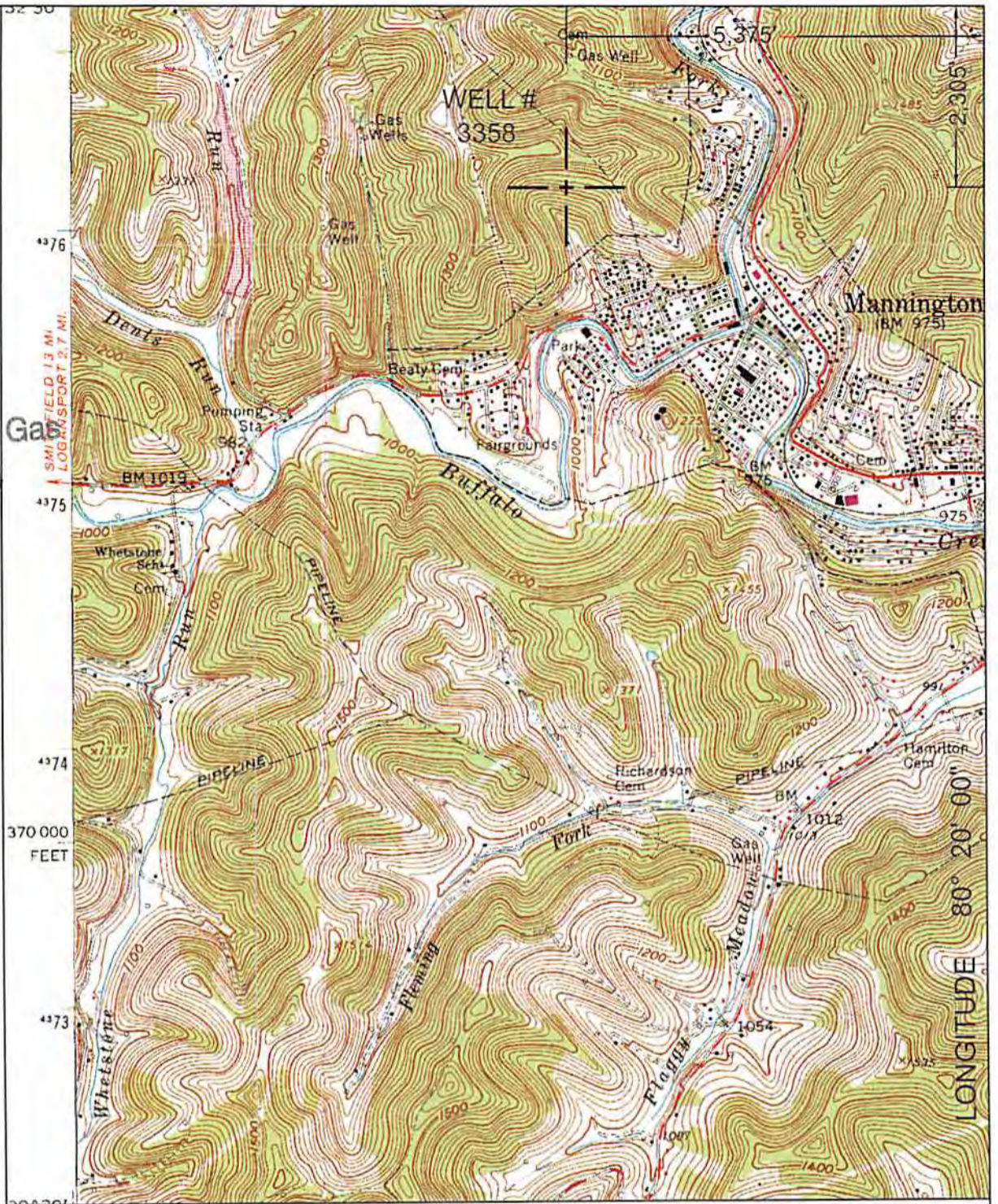
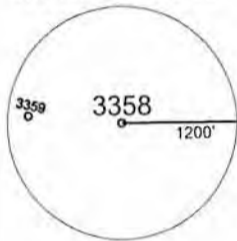
COUNTY NAME
PERMIT

LATITUDE
39° 32' 30"

Received
Office of Oil & Gas
NOV 14 2014

NORTH

SURROUNDING WELLS
WITHIN 1200' RADIUS



UTM Z17N NAD83 CONUS	LAT./LONG. NAD27 CONUS
NORTHING 4,376,389 M	39° 32' 07.0" N
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(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

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OPERATORS WELL NO. 3358

API WELL NO. 47 - 49 - 02373
STATE COUNTY PERMIT

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



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL *GAS* PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1221.11' WATERSHED: BUFFALO CREEK

DISTRICT: MANNINGTON COUNTY: MARION QUADRANGLE: MANNINGTON, WV 7.5'

SURFACE OWNER: FREELAND W. MILLER ACREAGE: 36.58± ACRES

ROYALTY OWNER: _____ LEASE ACREAGE: _____

PROPOSED WORK: _____ LEASE NO.: 01/09/2015

DRILL: _____ CONVERT: _____ DRILL DEEPER: _____ REDRILL: _____ FRACTURE OR STIMULATE: _____ PLUG OFF OLD: _____

FORMATION: _____ PERFORATE NEW FORMATION: _____ PLUG AND ABANDON: CLEAN OUT AND REPLUG: _____ OTHER: _____

PHYSICAL CHANGE IN WELL (SPECIFY): _____ TARGET FORMATION: NONE

ESTIMATED DEPTH: _____

WELL OPERATOR: CONSOLIDATION COAL COMPANY DESIGNATED AGENT: RONNIE HARSH

ADDRESS: 1 BRIDGE ST., MONONGAH, WV 26554 ADDRESS: 1 BRIDGE ST., MONONGAH, WV 26554

COUNTY NAME

IT

Received
Office of Oil & Gas
NOV 14 2014

CK 104210
\$50⁰⁰

OP-77 (06-01)

Record No. _____

State of West Virginia
Department of Environmental Protection
Charleston, WV 25301

This is to acknowledge that the well: API no. 47-049-30971

District Mannington

Well No 3358 Farm name J. H. Furbee

Is hereby transferred from:

The transferor Company: DOMINION TRANSMISSION, INC.

Code # 307048 Address 445 West Main Street, Clarksburg WV 26302-2450

To:

The transferee Company: Consolidation Coal Company

Code # 307050 Address 1 Bridge Street, Monongah WV 26554

Transfer approval and responsibility for any noncompliance matter not resolved in this document will be addressed in the thirty day circular that will be issued after review of your application for transfer, or as otherwise set forth by agreement with the Chief.

If this well has been out of production for the period in excess of 12 months, the transferee agrees to bring the well into compliance by producing or plugging within 120 days of approval of the application. Yes No

The transferee has registered and designated an agent on form OP-1, which is on file with the Office of Oil and Gas. The agent is:

Designated agent (name) Ronnie Harsh

Address: 1 Bridge Street, Monongah, WV 26554

The transferee has bonded the said well by (check one):

Securities Cash Surety bond Letter of credit

Identified by:

Amount:	<u>\$ 50,000</u>	Effective date:	<u>4-14-14</u>
Issuing authority:	<u>Argonaut Insurance Company</u>	Id. No:	<u>SUR 0011491</u>

Transferor: DOMINION TRANSMISSION, INC.

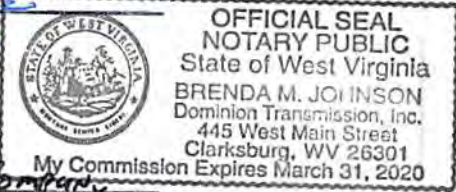
By: James D. Blain

Its: Director Gas Storage

Taken, subscribed and sworn before me this 28th day of October 2014

Notary Public Brenda M. Johnson

My Commission Expires March 31, 2020



Transferee: Consolidation Coal Company

By: Ronnie Harsh

Its: Agent

Taken, subscribed and sworn before me this 28th day of October 2014

Notary Public Janet L. Lieving

My Commission Expires June 13, 2024



01/09/2015