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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Wednesday, July 10, 2019  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

EQUITRANS, L. P.  
625 LIBERTY AVE. SUITE 1700  
PITTSBURGH, PA 15222

Re: Permit approval for 8164  
47-041-00276-00-00

This well work permit 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 any additional specific 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. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

James A. Martin  
Chief

Operator's Well Number: 8164  
Farm Name: US ARMY CORPS OF ENGINEERS  
U.S. WELL NUMBER: 47-041-00276-00-00  
Vertical Plugging  
Date Issued: 7/10/2019

## 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.

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### CONDITIONS

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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.

1) Date March 26, 2019  
2) Operator's  
Well No. 608164  
3) API Well No. 47-041 - 00276-R

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 \_\_\_ /  
(If "Gas, Production \_\_\_ or Underground storage X) Deep \_\_\_ / Shallow \_\_\_

5) Location: Elevation 1193.72' Watershed Skin Creek  
District Court House County Lewis Quadrangle ~~Crawford N/W 1-3~~  
ROANOKE

6) Well Operator Equitrans, L.P. 7) Designated Agent Brian Hall  
Address 625 Liberty Ave Suite 2000 Address 303 Sand Cut Rd  
Pittsburgh, PA 15222 Clarksburg, WV 26301

8) Oil and Gas Inspector to be notified Name Barry Stollings  
Address 28 Conifer Drive  
Bridgeport WV 26330  
9) Plugging Contractor Name To Be Determined  
Address \_\_\_\_\_

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

**See attachment for details and procedures**

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

Work order approved by inspector *Barry Stollings* Date 4-26-19

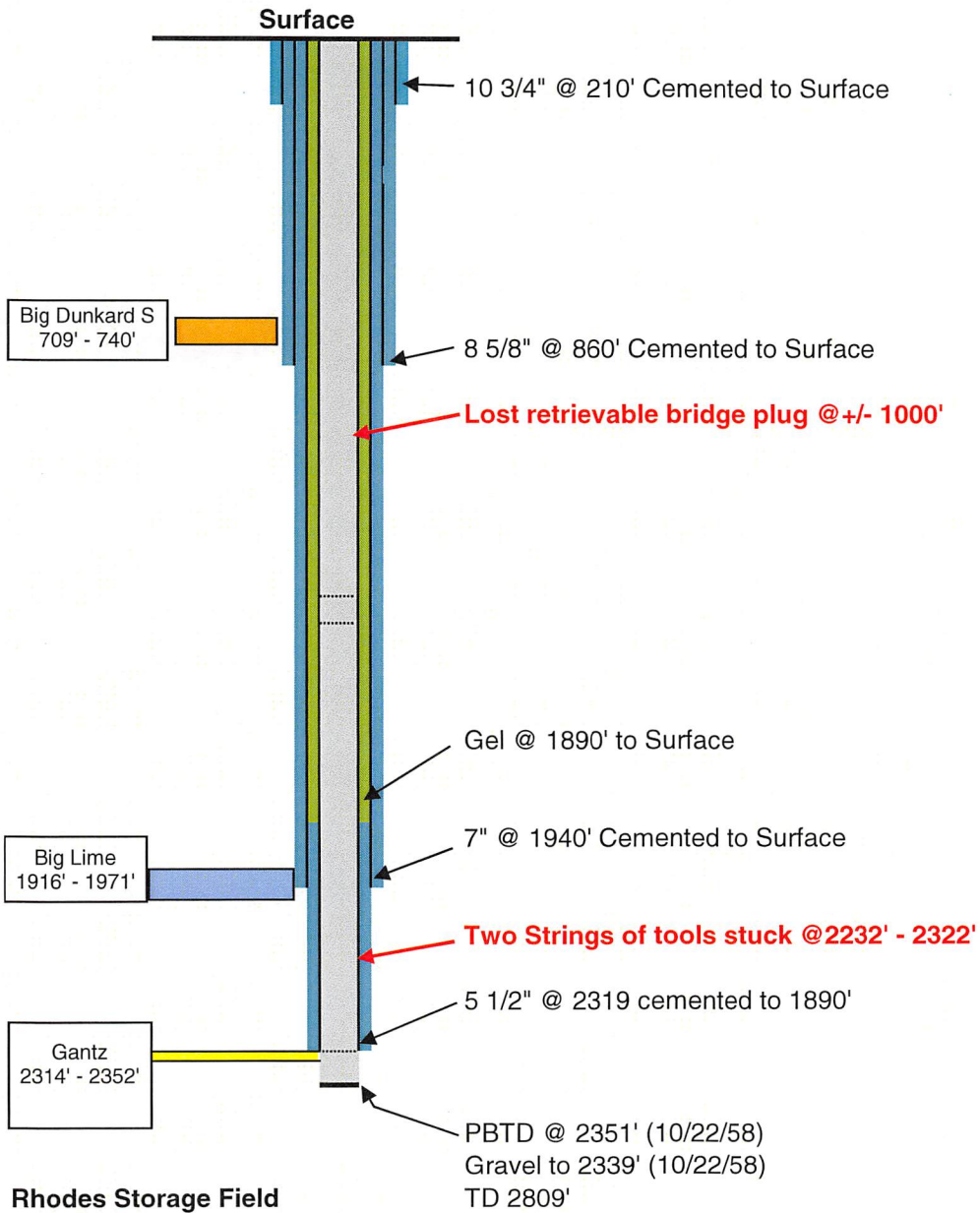
<b>8164 Plug and Abandonment Procedure</b>
<b>SITE PREPARATION</b>
Field reconnaissance
Upgrade existing well site and road way to accommodate service rig and ancillary equipment if necessary
Install all necessary erosion control measures spelled out in approved Erosion and Sedimentation Plan
<b>FIELD WORK</b>
<b>All company Well Entry and LOTO SOPs are to be applied</b>
Attempt to blow well down
Dig sump around wellhead/Line with plastic pit liner.
Kill well with fluid(clean fresh water)
Move in and rig up service rig and ancillary equipment
Weld bell nipple onto 7" casing
Install annular BOP on 7" casing
Trip in hole with sand line to check well TD(Top of retrievable bridge plug)
Rig up plug retrieval tools, with oil jars, trip in hole with work string
Latch onto RBP, pull out of hole.
Trip in hole with sand line to check well TD(Top of cable tool tools-2232')
MIRU wireline
Radial bond log 5 1/2" casing, find Top Of Cement(free pipe)(1890' per records)
Pick up solid cast iron plug, make up setting tools to wireline.
Trip in hole to 2232'. Set bridge plug.
Pull out of hole setting tools.
Perforate any stuck pipe above cement left in hole(5 large dia. Squeeze shots every 50')
Jet cut 5 1/2" casing at point of free pipe.
Pull free 5 1/2" casing.
Trip 2 3/8" work string to TD(Bridge plug)
Move in and rig up cement pumpers
Pump cement plug(Class A type) through tubing from TD to 25' below 5 1/2" casing
Trip work string out of hole.
Wait on cement 8 hours
Confem Top Of Cement plug <b>ADD CEMENT IF NEEDED.</b>
Move in and rig up wireline
Radial bond log 7" casing, confirm cement to surface(per records)
Trip work string in hole to top of last cement plug.
Move in Rig up cement pumpers
Pump cement plug(Class A type) through tubing from top of plug to surface.
Trip work string out of hole.
Top well off(work string displacement)
Install monument and GPS
Rig down and move off service rig

→ Pump cement plug(Class A) through tubing from TD to 25' below 5 1/2" casing.

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<b>PLUGGING PROCEDURE WILL COMPLY WITH THE FOLLOWING WVDEP CODE REQUIREMENTS</b>
<b>SITE RECLAMATION</b>
Reclaim access road and well site
<b>PERMITTING</b>
Submit final plugging affidavit

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**Rhodes Storage Field**

Well Name: # 8164  
API No.:  
Lease No.:  
Location: Collins Settlement, Lewis County, WV.  
Redrilled: 5/19/57  
In Line 12/31/58

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STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 10

ROANOKE

Quadrangle Crawford NW 1-3

WELL RECORD  
REDRILL

Oil or Gas Well Gas Storage  
(KIND)

Permit No. LEW-276-R

Company Equitable Gas Company  
Address 420 Blvd. of the Allies, Pgh. 19, Pa.  
Farm R. Dominici and W. E. Morris Acres 65  
Location (waters) Crawford NW 1-3  
Well No. 8164 Elev. 1188  
District Collins Settlement County Lewis  
The surface of tract is owned in fee by C. A. Orrahood  
Address Roanoke, W. Va.  
Mineral rights are owned by (see over)  
Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer _____
16			None
13			Size of _____
10	210	210	Depth set _____
8 1/4	860	860	
6 3/4	1940	1940	
5 3/16	2319	2319	
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

Re-Drilling commenced May 19, 1957  
Re-Drilling completed November 15, 1961  
Date Shot \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
\_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED \_\_\_\_\_  
WELL FRACTURED \_\_\_\_\_

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT \_\_\_\_\_

ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_

Fresh Water \_\_\_\_\_ Feet Salt Water \_\_\_\_\_ Feet

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Big Dunkard Sand			709	740			
Salt Sand			890	970			
Salt Sand			980	1015			
Salt Sand			1040	1086			
Salt Sand			1125	1242			
Salt Sand			1342	1405			
Salt Sand			1420	1531			
Salt Sand			1585	1636			
Little Lime			1885	1905			
Big Lime			1916	1971			
Big Injun Sand			1976	2121			
Gantz Sand			2314	2352	Gas	2324-2334	Temperature
Fifty Foot Sand			2430	2440			
Gordon Stray Sand			2470	2568			
Redrilled to				2809			
Cemented back to				2351			
Gravel to				2339			
Completed total depth				2339			

Note: Above log from Gamma Ray Survey.  
Two strings of tools in hole from 2232'  
Well turned into line 12-31-58.



Formation	Color	Hard or Soft	Top 10	Bottom	Oil, Gas or Water	Depth Found	Remarks
Mineral Rights Owners:							
Gertrude R. Dominici, 19804 Maplewood Drive, Edmonds, Washington							
Stanley A. Rhodes, Rt. 8, Box 4, Yakima, Washington							
Charles S. Rhodes, Rt. 3, Box 4, Yakima, Washington							
Patricia N. Smith, 19804 Maplewood Drive, Edmonds, Washington							
Will E. Morris, P. O. Box 442, Clarksburg, West Virginia							
Union National Bank, Agent, for G. Burke Morris and S. A. Smith, Clarksburg, West Virginia.							
Union National Bank, Trustee, for E. R. Davis, Jr., under will of Garnett H. Davis, deceased, P. O. Box 1631, Clarksburg, West Virginia.							
Christine Young Rhodes, Agent, 372 Hickman Street, Clarksburg, West Virginia							
William A. Morrison, 126 1/2 Mulberry Avenue, Weston, West Virginia							
Marie Young McClung, 1609 Williams Avenue, Clarksburg, West Virginia							
Sidney M. Morrison, Jr., 116 San Reno North, Clearwater, Florida.							

Date November 29, 1961

APPROVED Equitable Gas Company, Owner

By J. H. Bodman  
 Vice President & Chief System Geologist



47-041-00276 P

WW-4A  
Revised 6-07

1) Date: March 26, 2019  
2) Operator's Well Number  
608164

3) API Well No.: 47 - 041 - 00276-R

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

<b>4) Surface Owner(s) to be served:</b>	<b>5) (a) Coal Operator</b>
(a) Name <u>US Army Corps of Engineers</u>	Name <u>N/A</u>
Address <u>1012 Skin Creek Road</u>	Address _____
<u>Weston, WV 26456-7435</u>	_____
(b) Name <u>Stonewall Resort State Park</u>	<b>(b) Coal Owner(s) with Declaration</b>
Address <u>149 State Park Trail</u>	Name <u>U.S. Bureau of Land Management</u>
<u>Roanoke, WV 26447</u>	Address <u>Division of Natural Resources</u>
(c) Name _____	<u>Minerals Management Service</u>
Address _____	Name <u>PO Box 25627</u>
_____	Address <u>Denver, CO 80255-0627</u>
_____	_____
<b>6) Inspector</b> <u>Barry Stollings</u>	<b>(c) Coal Lessee with Declaration</b>
Address <u>28 Conifer Drive</u>	Name <u>N/A</u>
<u>Bridgeport, WV 26330</u>	Address _____
Telephone <u>304-552-4194</u>	_____

**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 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 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	<u>Equitrans, L.P.</u>	Primary Contact:	_____
By:	<u>Kevin J. Wagner</u> <i>K-J Wagner</i>	Brian Hall	<u>C 304-476-5052</u>
Its:	<u>Attorney-in-Fact</u>	NWV Ops Reg Manager	_____
Address	<u>303 Sand Cut Rd</u>	(304) <del>627</del> -6419	_____
	<u>Clarksburg, WV 26301</u>	BRHall@equitransmidstream.com	_____
Telephone	<u>304-627-6431</u>	KWagner@equitransmidstream.com	_____

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Subscribed and sworn before me this 16th day of April, 2019

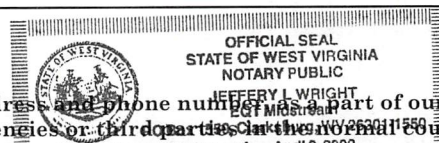
Notary Public

My Commission Expires April 9 2022

WV Department of Environmental Protection

**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 for the purpose 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](mailto:depprivacyofficer@wv.gov).



47-041-00276P

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WALKERSVILLE, WV 26447

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Certified Mail Fee	\$3.50
Extra Services & Fees (check box, add fee as appropriate)	\$2.80
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

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14

Postmark  
Here

Postage	\$1.60
Total Postage and Fees	\$7.90

05/01/2019

Sent To: Stonewall Resort State Park  
 Street and Apt. No., or PO Box No. 149 State Park Trail  
 City, State, ZIP+4® Roanoke WV 26447

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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DENVER, CO 80225

7015 0640 0005 6493 6725

Certified Mail Fee	\$3.50
Extra Services & Fees (check box, add fee as appropriate)	\$2.80
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

0750  
14

Postmark  
Here

Postage	\$2.20
Total Postage and Fees	\$8.50

05/01/2019

Sent To: U.S. Bureau of Land Management  
 Street and Apt. No., or PO Box No. P.O. Box 25627  
 City, State, ZIP+4® Denver CO 80255-0627

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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WESTON, WV 26452

7015 0640 0005 6493 6732

Certified Mail Fee	\$3.50
Extra Services & Fees (check box, add fee as appropriate)	\$2.80
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

0750  
14

Postmark  
Here

Postage	\$2.20
Total Postage and Fees	\$8.50

05/01/2019

Sent To: 43 Army Corps of Engineers  
 Street and Apt. No., or PO Box No. 1012 Skin Creek Rd.  
 City, State, ZIP+4® Weston WV 26452-7435

Coal

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WW-9  
(5/16)

47-041-00276P

API Number 47 - 041 00276-R  
Operator's Well No. 608104

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Equitrans, L.P. OP Code 5547235

Watershed (HUC 10) Crawford N/W 1.3 Quadrangle Crawford N/W 1.3

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

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: N/A

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? No earthen pit

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_ )

Will closed loop system be used? If so, describe: Yes, above ground steel pits connected to mud pump and well

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Brine

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Removed Offsite

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? (See Attachment)

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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 *Kevin J. Wagner*

Company Official (Typed Name) Kevin J. Wagner

Company Official Title Attorney-in-Fact

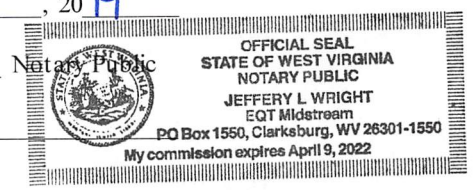
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WV Department of  
Environmental Protection

Subscribed and sworn before me this 16th day of April, 2019

*[Signature]*  
My commission expires April 9 2022



## Attachment WW-9 Landfill or Offsite Disposal Name/Permit Number

Region	Facility Type	Facility Location Name	Street	City	State	Zip Code
Marion/Clifton	Disposal Well	Nichols (SWIW #13) 1 - A	10555 Veto Road	Belpre	OH	45714
	Disposal Well	D - 1 (SWIW #7)	3549 Warner Road	Fowler	OH	44418
	Disposal Well	Goff (SWIW #27) 1	9350 East Pike Road	Norwich	OH	43767
	Disposal Well	Eva Jean Root Wolf 1 and 4, Wolf 2	5480 State Route 5	Newton Falls	OH	44444
	Disposal Well	Pander R&P (SWIW # 15 & #16) 1 & 2	5310 State Route 5	Newton Falls	OH	44444
	Disposal Well	John G. Delores Blazek 2	5700 Allyn Road	Hiram	OH	44234
	Disposal Well	Belden & Blake Corporation 2 - 1050	8000 Edison Street	Louisville	OH	44641
	Disposal Well	Plum Creek 1	4285 Karg Industrial Parkway	Kent	OH	44240
	Disposal Well	Ed Lyons (Genet) 1	7700 Lincoln Street	East Canton	OH	44730

## List of Ohio SWDs 6.13.2013

Wells	County	Township	State	Permit #s	Entity
Belden & Blake #2	Stark	Marlboro	Ohio	34-151-2-3420	Heckmann Water Resources (CVR), Inc.
Blazek #2	Portage	Hiran	Ohio	34-133-2-0525	Heckmann Water Resources (CVR), Inc.
Lyons #1	Stark	Osnaburg	Ohio	34-151-2-1198	Heckmann Water Resources (CVR), Inc.
Pander R. & P #1	Trumbull	Newton	Ohio	34-155-2-3795	Heckmann Water Resources (CVR), Inc.
Pander R. & P #2	Trumbull	Newton	Ohio	34-155-2-3794	Heckmann Water Resources (CVR), Inc.
Plum Creek #1	Portage	Brimfield	Ohio	34-133-2-3614	Heckmann Water Resources (CVR), Inc.
Eva Jean Root Wolf #1	Trumbull	Newton	Ohio	34-155-2-1893	Heckmann Water Resources (CVR), Inc.
Wolf #2	Trumbull	Newton	Ohio	34-155-2-1894	Heckmann Water Resources (CVR), Inc.
Eva Jean Root Wolf #4	Trumbull	Newton	Ohio	34-155-2-3203	Heckmann Water Resources (CVR), Inc.
D-1 (AnnaRock)	Trumbull	Fowler	Ohio	34-155-2-2403	Heckmann Water Resources (CVR), Inc.
Nichols #1-A <sup>SWIW #13</sup>	Washington	Dunham	Ohio	34-167-2-3862	Heckmann Water Resources (CVR), Inc.
Goff #1	Muskingum	Union	Ohio	34-119-2-8776	Heckmann Water Resources (CVR), Inc.
Appalachian Water (APP or AWS)	Cornelsville	N/A	PA	2808201	

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Environmental Protection

Operator's Well No. 608164

Proposed Revegetation Treatment: Acres Disturbed less than one (1) acre Prevegetation pH N/A

Lime 3 Tons/acre or to correct to pH 6 1/2

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 600 lbs/acre

Mulch Hay or Straw Tons/acre

**Seed Mixtures**

**Temporary**

**Permanent**

Seed Type lbs/acre

Seed Type lbs/acre

N/A

Meadow Mix 40 lbs per acre

**Attach:**

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Duane Hamer

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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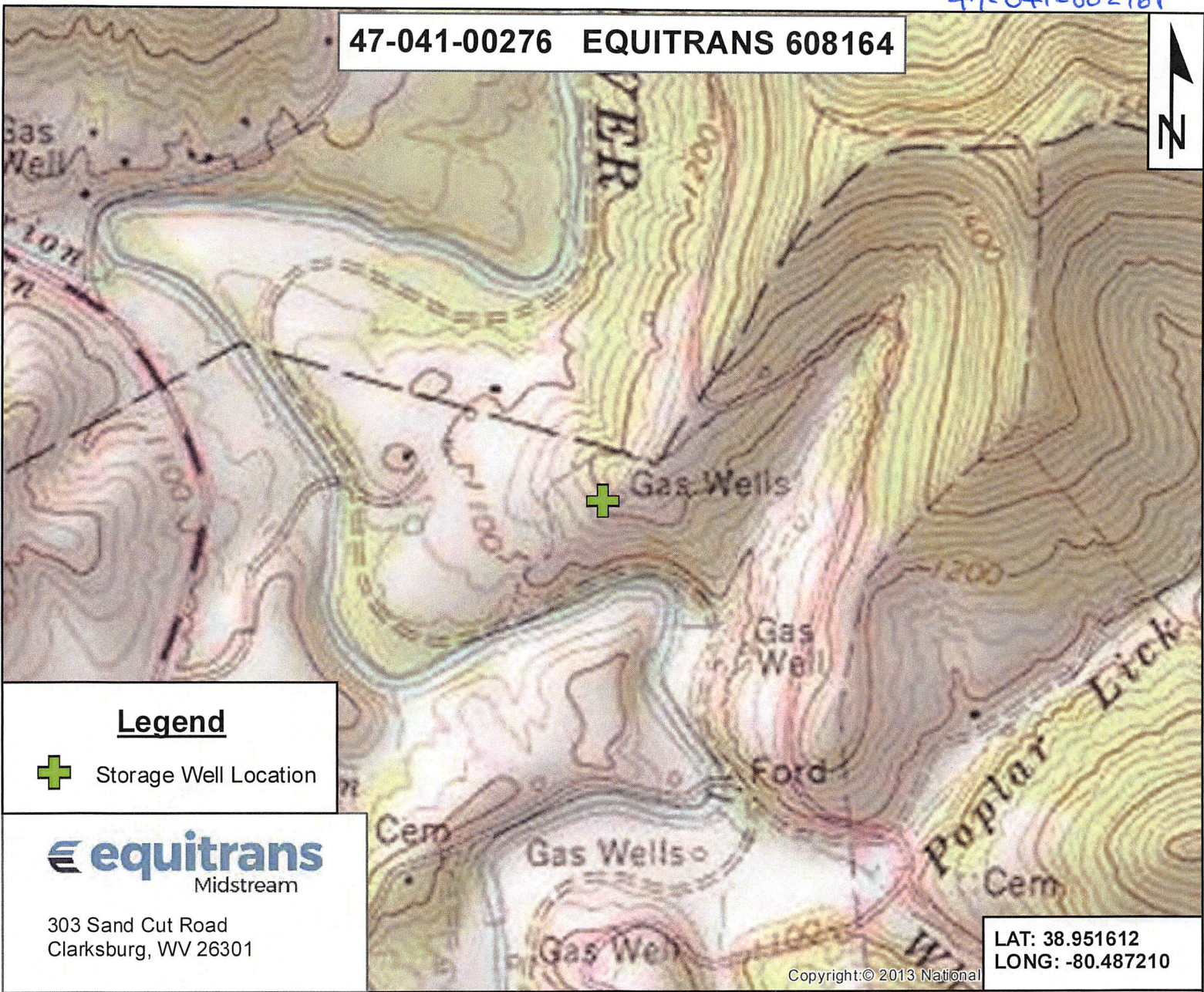
WV Department of  
Environmental Protection

Title: Inspector

Date: 4-26-19

Field Reviewed? (  ) Yes (  ) No

47-041-00276 EQUITRANS 608164



**Legend**

 Storage Well Location



303 Sand Cut Road  
Clarksburg, WV 26301

LAT: 38.951612  
LONG: -80.487210

DISCLAIMER:  
This map is confidential and is to be used only for the express informational purposes for which it was created. Unauthorized use, copying, or dissemination is strictly prohibited. Equitrans Midstream does not warrant the accuracy of the location of any items shown on this map, including, but not limited to, any structures, well or pipeline facilities, property boundaries, topography, roadways, or waterways. The items shown on the map may not have been placed on the map using survey lines or GPS coordinates. The specific location of any of the map items should be determined by a field survey performed by a licensed surveyor upon consultation with Equitrans Midstream.

Quad: Crawford N.W. 1.3

Scale: Not Mapped to Scale  
Office of Oil and Gas

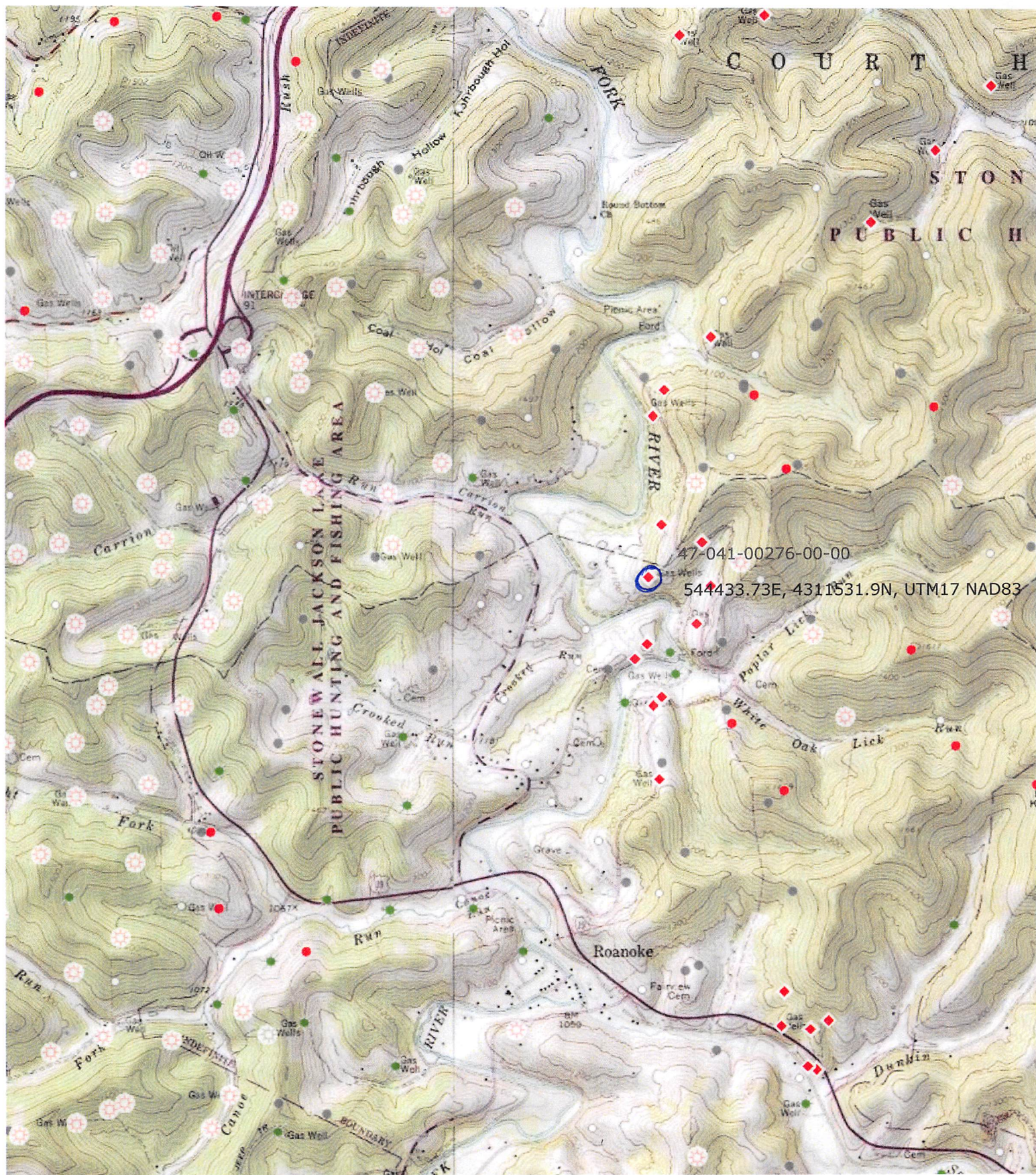
County: Lewis

Date: 3/25/2019 MAY 2 2019

District: Collins Settlement

WV Department of  
Environmental Protection  
API: 47-041-00276

47-041-00276 P



47-041-00276-00-00  
544433.73E, 4311531.9N, UTM17 NAD83

WW-7  
8-30-06



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

API: 47-041-00276-R WELL NO.: 608164

FARM NAME: Will E. Morris ET AL

RESPONSIBLE PARTY NAME: Equitrans, L.P.

COUNTY: Lewis DISTRICT: Collins Settlement

QUADRANGLE: Crawford N/W 1.3

SURFACE OWNER: US Army Corps of Engineers

ROYALTY OWNER: US Bureau of Land Management

UTM GPS NORTHING: 4311531.933

UTM GPS EASTING: 544433.732 GPS ELEVATION: 363.6264m(1193')

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 : Post Processed Differential

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]  
Signature

Attorney in fact  
Title

4-16-19  
Date

RECEIVED  
Office of Oil and Gas

MAY 2 2019

WV Department of  
Environmental Protection