



**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

August 22, 2014

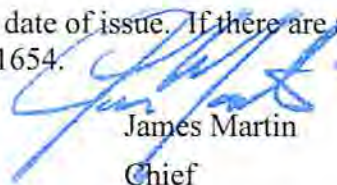
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-10300841, issued to EQUITRANS, L P, 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: 1769  
Farm Name: HUBBARD  
**API Well Number: 47-10300841**  
**Permit Type: Plugging**  
Date Issued: 08/22/2014

**Promoting a healthy environment.**

**08/22/2014**

# 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

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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.
4. This well is under a consent order and must be plugged under the terms of that agreement.

I

WW-4B  
Rev. 2/01

1) Date 7/23, 2014  
2) Operator's  
Well No. WW 601769  
3) API Well No. 47-103-00841

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 \_\_\_) Deep \_\_\_ / Shallow X

5) Location: Elevation 980' Watershed Rockcamp Run  
District Grant County Wetzel Quadrangle Big Run

6) Well Operator Equitrans L.P. 7) Designated Agent Brian Hall  
Address 303 Sand Cut Road Address 303 Sand Cut Road  
Clarksburg, WV 26301 Clarksburg, WV 26301

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Derek Haught Name Viking Well Services  
Address PO Box 85 Address 8113 Sissonville Drive  
Smithville, WV 26176 Sissonville, WV 25320

10) Work Order: The work order for the manner of plugging this well is as follows:  
See attached for details and procedures.

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WV Dept. of Environmental Protection

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

Work order approved by inspector [Signature] Date 8-4-14

08/22/2014

<b>P&amp;A OF PRODUCTION WELL 1769 IN MOBLEY STORAGE</b>
<b>2014</b>
<b>Plug &amp; Abandonment Procedure</b>
<b>PERMITTING</b>
Exchange of Well Information
Courthouse research
Landowner notifications
Coal owner notifications
Field Surveys
Well Plat preparation
Develop Erosion & Sedimentation Control Plan
Develop permit packages for all necessary environmental permits
Surface owner notification packet
Water well and spring identification, sampling and analysis
Application for plugging provided to EQT for Designated Agent signature
Application for plugging completed by EQT
Draft permitting packet provided to EQT for review
Permitting packet filed with state, estimated at 60 days to prepare
Permits approved by state, estimated at 2 weeks
<b>SITE PREPARATION</b>
Field reconnaissance
Acquire necessary road bonding permits
Upgrade existing well access roads
Upgrade existing well sites to accommodate service rig and ancillary equipment
Install all necessary erosion control measures spelled out in approved E&S Plan
<b>FIELD WORK</b>
Dig sump around wellhead
Move in and rig up mud pump and above ground pit to bullhead birne water to kill well
Move in and rig up service rig and ancillary equipment
Weld bell nipple onto 7" casing
Install annular BOP on 7" casing
Service rig will attempt to pull production string
If service rig cannot pull production string move in casing jacks
If casing jacks cannot pull production string move in and rig up wireline
Run bond log and jet cut production string

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Trip in hole with spear or overshot and jars and fish remaining production string
Trip out production string
Trip in hole with sand line to check well TD
Trip in hole with large ported tri-cone tooth bit to TD or at minimum of 50' below bottom of Keener (1926' - 1984')
Remove any fill up if needed
Circulate two hole volumes immediately prior to pumping cement plug
Move in and rig up cement pumpers
Pump gel spacer
Pump cement plug through tubing and bit to bottom of intermediate casing (Class A type w/ 10% excess) <del>XXXXXXXXXXXXXXXXXXXX</del> DMH 8-4-14
Trip drill pipe, collars and bit back out of hole
Wait on cement 8 hours
Service rig will attempt to pull intermediate casing
Trip out intermediate casing
Pump gel spacer
Pump first cement plug through tubing and bit to bottom of surface casing (1st plug / Class A type w/ 10% excess, 2nd plug / economy type w/ 10% excess)
If service rig cannot pull production string move in casing jacks
If casing jacks cannot pull production string move in and rig up wireline
Move in and rig up wireline to bond and perforate intermediate casing
If bond log does not show the intermediate casing is free, cut intermediate casing at a minimum depth equal to bottom of 8-5/8" casing
Trip in hole with wireline and perforate remaining intermediate and surface casing starting 50 feet from bottom of intermediate casing with 3 shots every 100 feet to a depth no shallower than 250 feet
Trip in hole with large ported tri-cone tooth bit to previous cement top
Pump third cement plug to surface (Economy type cement w/ 10% excess)
Trip tubing and bit out of hole
Top off cement due to tubing displacement
Install monument and GPS
<b>PLUGGING PROCEDURE WILL COMPLY WITH THE FOLLOWING WVDEP CODE REQUIREMENTS / web link provided below</b>
Plugging requirements are in section WVC 22-6-24
<a href="http://www.legis.state.wv.us/legisdocs/code/22/WVC%2022%20%20-%20%206%20%20-%20%2024%20%20.htm">http://www.legis.state.wv.us/legisdocs/code/22/WVC%2022%20%20-%20%206%20%20-%20%2024%20%20.htm</a>
<b>SITE RECLAMATION</b>
Reclaim access road and well site
Remove culverts and stone aggregate
Reclaim to original grade, seed and mulch
<b>PERMITTING</b>
Submit final plugging affidavit

Minimum Required Plugs

- 2050' - 1950'
- 1922' - 1822'
- 1225' - 1125'
- 725' - 625'
- 364' - 264'
- 200' - surface

\* Gel spacers between all plugs.

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WV Dept. of Environmental Protection

COMPLETION OF WELL REPORT  
Form 039-10263

Equitable Gas - W. Va. Div. COMPANY

DATE Dec. 15 19 65

REPORT OF WELL NO. 1769 LESSOR W. P. Hubbard  
DISTRICT OR DEPARTMENT Grant COUNTY Netzel STATE W. Va.

Repair  
DRAWDOWN BEGAN 10-4-65 COMPLETED 11-22-65

CASING AND TUBING DATA

	CONDUCTOR	15"	10"	8 1/2"	6 1/2"	4 1/2"	3 1/2"	2"	1 1/2"	1"
USED IN DRILLING			314	1175	1872					
LEFT IN WELL			314	1175	1872			2062		

PACKER DATA

CASING CEMENTED

OIL DATA

KIND	SIZE	SET AT	FROM	TO	INITIAL DAILY PROD.	PRODUCING SAND
Anchor	6-5/8x3"	1929				

OPEN FLOW VOLUME & PRESSURE DATA

DATE	READING	LIQUID	SIZE		MINUTES												R. P.	HRE.	VOLUME M. C. F.	PRODUCING SAND
			OPENING	TUBING	1/2	1	2	3	4	5	10	15	20	30						
11-19-65																	12 1/2	18	11.2	Hg Injun

FORMATIONS DRILLED THROUGH

FORMATIONS	TOP	BOTTOM	GAS AT	OIL AT	WATER AT	FORMATIONS	TOP	BOTTOM	GAS AT	OIL AT	WATER AT
WAYNESBURG COAL						GORDON SAND (THIRD)	2794	2807			
MAPLETOWN "						4TH "					
PITTSBURGH "	668	675	(Driller)			4TH A "					
MURPHY SAND	774	858				5TH " (MCGONNELL)					
BAKERSTOWN COAL						5TH A "					
L. DUNNARD SAND	977	1000				BAYARD " (SUKTD)					
S. DUNNARD SAND	1070	1164				BAYARD STRAY SAND					
DOG EAR SAND	1194	1363	(Br. 1218-64)			" " STR. SD.					
BT SALT SAND	1412	1450				ELIZABETH SAND					
EE " "	1480	1532				1ST WARREN SAND					
EE " "	1550	1718	(Br. 1600-10)			SPEECH. STRAY SAND					
MAXTON "	1833	1850				SPEECHLEY SAND					
LITTLE LIME						TIGRA SAND					
FENCH. GAYE						1ST DALLTOWN SAND					
BIG LIME (NEENER)	1867	1918									
DOG INJUN SAND	1926	2137	(Br. 1944-50, 2010-52)			SHEFFIELD "					
SQUAW "						1ST BRADFORD " (HOMER)					
IND GAS "						KANE SAND					
MURRYVILLE SAND (BEREA)						ELK SAND					
UPPER 20' SAND											
GANTZ { 18' SAND											
18' SAND (MINEVAN)											
SHEE SAND											
GOR. STRAY SAND	2704	2746									
						TOTAL DEPTH	Original	3262	9-11-03		

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Department of Environmental Protection

REMARKS Log from Gamma Ray Survey except where noted. 3" perforated 2060-2062 and 1999-2031.

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

WELL RECORD

Permit No. \_\_\_\_\_

Oil or Gas Well GAS  
(Kind)

Company Pittsburgh & West Va Gas Company.  
Address Clarksburg, West Va.,  
Farm W. P. Hubbard Acres 7-1/2  
Location (waters) Littleton S/E. 2-3  
Well No. 1769 Elev. \_\_\_\_\_  
District Grant County Netzel  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by \_\_\_\_\_  
Address \_\_\_\_\_  
Drilling commenced June 16th, 1903.  
Drilling completed September 14th, 1903.  
Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume \_\_\_\_\_ Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
18			
10	314'	314'	Size of
8 1/2	1175'	1175'	
6 1/2	1874'	1874'	Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
COAL WAS ENCOUNTERED AT 668 FEET 8 1/2 INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES FEET \_\_\_\_\_ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
In-recorded			0	668			
gh. Coal			668	675			
In-recorded			675	990			
ittle Dunkard			990	1010			
In-recorded			1010	1190			
Big Dunkard			1190	1200			
In-recorded			1200	1400			
Salt Sand			1400	1444			
In-recorded			1444	1469			
Salt Sand			1469	1595			
In-recorded			1595	1825			
Big Lime			1825	1945			
Big Injun			1945	2170	Gas	1975'	
In-recorded			2170	2715	Gas	2025'	
Jordon Stray			2715	2727			
In-recorded			2727	2742			
Jordon Sand			2742	2750			
In-recorded			2750	2800			
4th. Sand			2800	2804	Gas	2803'	
In-recorded			2804	3262			
Total Depth				3262'			

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Office of Oil and Gas  
West Virginia Dept. of Environmental Protection

WW-4A  
Revised 6-07

1) Date: 7/23/2014  
2) Operator's Well Number  
WW 601789

3) API Well No.: 47 - 103 - 00841

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:	5) (a) Coal Operator
(a) Name <u>John Michael Byard</u>	Name <u>None</u>
Address <u>703 6th Street</u>	Address _____
<u>Saint Mary's, WV 26170</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Liberty Holding Company</u>
_____	Address <u>18 Hollen Circle</u>
_____	<u>Fairmont, WV 25554</u>
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Derek Haught</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 85</u>	Name <u>None</u>
<u>Smithville, WV 25176</u>	Address _____
Telephone <u>304-206-7613</u>	_____

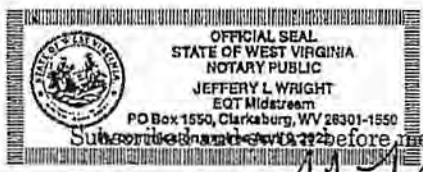
**TO THE PERSONS NAMED ABOVE:** You should have received this Form and the following documents:

- (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 Equitrans L. P.  
 By: *Bruno Hall*  
 Its: Sr. Storage Specialist  
 Address 303 Sand Cut Road  
Clarksburg, WV 26301  
 Telephone 304-627-6419



Subscribed and sworn to before me this 28th day of July 2014  
*[Signature]* Notary Public  
 My Commission Expires April 9 2022

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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](mailto:depprivacyofficer@wv.gov).

08/22/2014



7009 2250 0000 8659 5367

PLACE STICKER AT TOP OF ENVELOPE TO THE RIGHT OF THE RETURN ADDRESS, FOLD AT DOTTED LINE

**CERTIFIED MAIL**



7009 2250 0000 8659 5367

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U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
(Domestic Mail Only - No Insurance Coverage Provided)

NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark Here

Sent to  
 Street Address  
 or PO Box No. 18 Hollen Circle  
 City, State, ZIP+4<sup>®</sup> Fairmont WV 26554  
 Liberty Holding Co.

**EQT**

EQT Midstream  
500 Oakmount Road  
Clarksburg, WV 26301

Liberty Holding Co.  
18 Hollen Circle  
Fairmont WV

26554

103-0841P

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Office of Oil and Gas  
Dept. of Environmental Protection

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**CERTIFIED MAIL**



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U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
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For delivery information, visit us online at [www.usps.com](http://www.usps.com)

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark  
Here

Sent to **John M. Byard**  
 Street, Apt. No. **703 6th STREET**  
 or PO Box No. **SAINT MARYS WV 26170**  
 City, State, Zip

**EQT**<sup>SM</sup>

601 Midstream  
500 Catamount Road  
Clackburg, WV 26301

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Office of Oil and Gas  
WV Dept. of Environmental Protection

AUG 7 2014

John M. Byard  
703 6th STREET  
Saint Marys WV  
26170

103-0841P

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Topo Quad: Big Run

Scale: 1" to 2000'

County: Wetzel

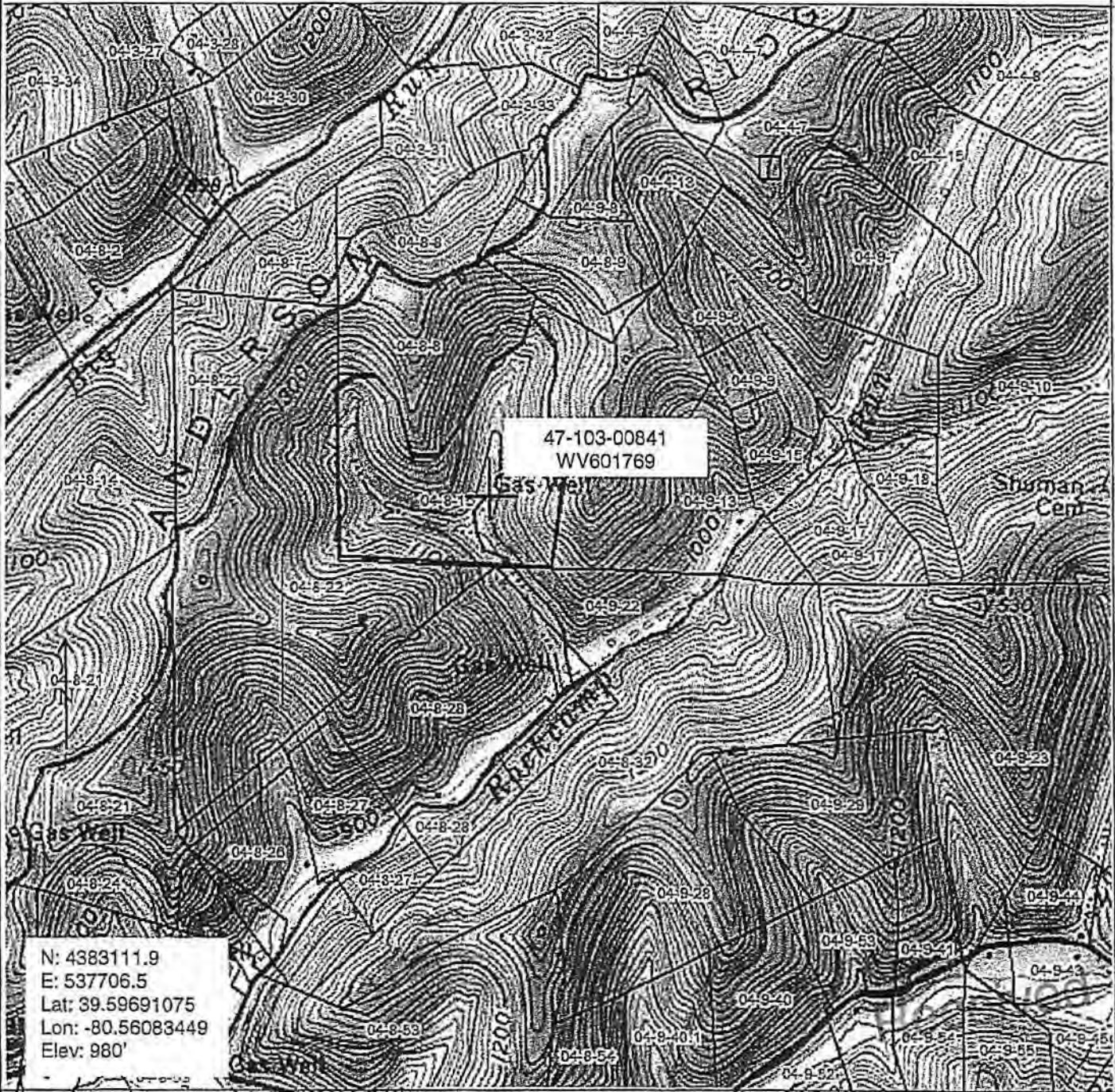
Date: 7-24-2014

District: Grant

Project No: \_\_\_\_\_

47-103-00841 (WV 601769)

Topo



**Equitrans L. P.**

303 Sand Cut Road  
Clarksburg, WV 26301

DMH  
8-4-14

Office of Oil and Gas  
Environmental Protection

08/22/2014

Topo Quad: Big Run

Scale: 1" to 2000'

County: Wetzel

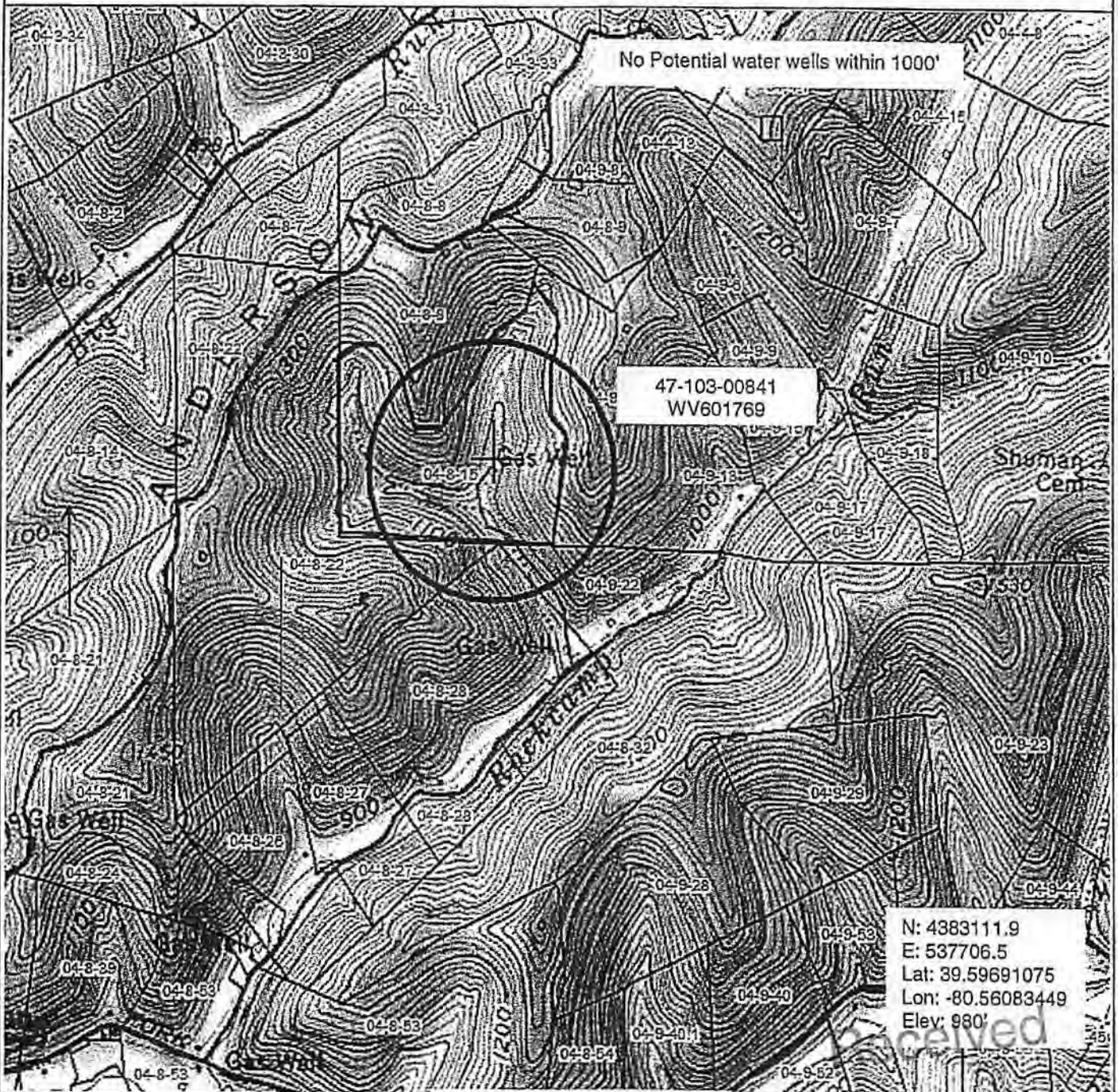
Date: 7-24-2014

District: Grant

Project No: \_\_\_\_\_

Water

47-103-00841 (WV 601769)



**Equitrans L. P.**

303 Sand Cut Road  
Clarksburg, WV 26301

PMH AUG - 7 2014  
8-4-14

Office of Oil and Gas  
Environmental Protection

08/22/2014

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 Equitrans L.P. OP Code 307652

Watershed Rockcamp Run Quadrangle Big Run

Elevation 980' County Wetzel District Grant

Description of anticipated Pit Waste: Formation Fluids

Will a synthetic liner be used in the pit? No

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
- Other (Explain \_\_\_\_\_ )
- Swabbing
- Plugging

*DMH  
8-4-14*

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 *Brian A. Hall*

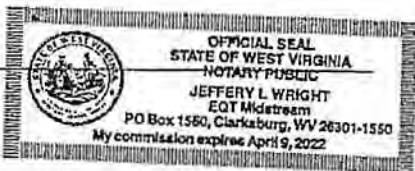
Company Official (Typed Name) Brian A. Hall

Company Official Title Senior Storage Specialist

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

*Jeffery L. Wright* Notary Public

My commission expires 4-9-2022



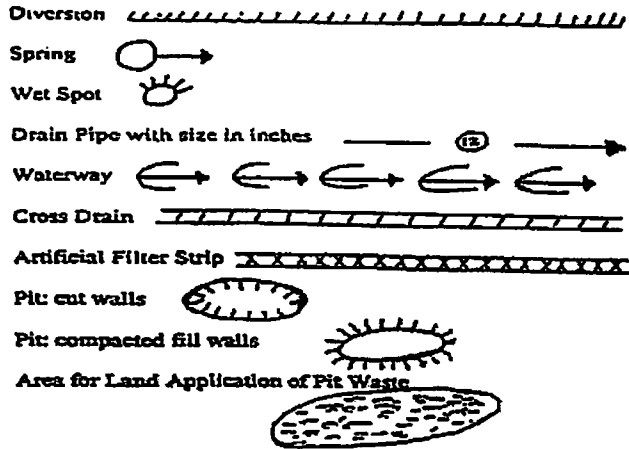
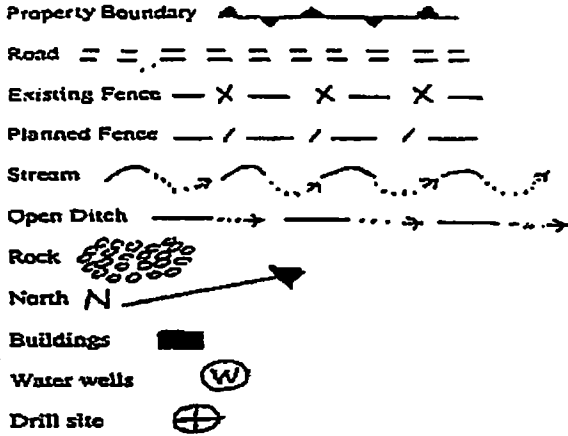
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**LEGEND**



Proposed Revegetation Treatment: Acres Disturbed < 1 Prevegetation pH 5.8

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 2 Tons/acre

**Seed Mixtures**

Seed Type	Area I		Seed Type	Area II	
		lbs/acre			lbs/acre
KY-31		40			
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:

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

**Received**

Title: Oil & Gas Inspector

Date: 8-4-14

AUG - 7 2014

Field Reviewed?  Yes  No

WELL NO. 1167 LESSOR *Nichols N.V.* LEASE NO. 3057 ACRES *1 1/2* MAP *1000 S.E. 2-1* ELEVATION L DIV. DIST. *CRAY.*

W.P. OR DIST.	FORMATIONS	TOP	BOTTOM	GAS AT	OIL AT	WATER AT	FORMATIONS	TOP	BOTTOM	GAS AT	OIL AT	WATER AT	CLASSIFICATION
<i>Grant</i>	WAYNESBURG COAL						GANTE 10' SAND						<i>A-1</i>
COUNTY <i>Madison</i>	MAPLETOWN "						2' SAND (MINEVAI)						CASING AND TUBING DATA
COATED <i>Madison 1903</i>	REDSSTONE "						SIRE SAND (OLIVE MON.)						SIZE
W/O NO. <i>0112</i>	PITTSBURGH "	<i>618</i>	<i>675</i>				COOL STRAY SAND	<i>2715</i>	<i>2721</i>				DATE
CONTRACTOR <i>J.V. Eskell</i>	MURPHY SAND						GORDON SAND (THIRD)	<i>2742</i>	<i>2750</i>				PULLED
PERMIT <i>6-16-1903</i>	JAMES Limestone						4TH "	<i>2800</i>	<i>2804</i>	<i>2808</i>			DATE
COMMENCED <i>6-16-1903</i>	BAKERSTOWN COAL						5TH "						DATE
COMPLETED <i>9-14-1903</i>	L. BUNKARD SAND	<i>720</i>	<i>1010</i>				6TH " (MCDONALD)						DATE
UNCHARGED FROM	B. BUNKARD SAND	<i>1190</i>	<i>1200</i>				7TH " (DAYARD)						DATE
DATE PURCHASED	UPPER FREEPORT COAL						8TH " (DAYARD)						DATE
OUTSIDE SERIAL NO.	L. " "						9TH " (DAYARD)						DATE
OLD TO	U. " "						10TH " (DAYARD)						DATE
DATE SOLD	L. " "						11TH " (DAYARD)						DATE
DATE ABANDONED	U. " "						12TH " (DAYARD)						DATE
DATE PLUGGED	L. " "						13TH " (DAYARD)						DATE
ANNUAL ROYALTY \$ <i>100.00</i> DUE <i>9-14</i>	U. " "						14TH " (DAYARD)						DATE
FORKMEYER'S COMP. NOTICE <i>10/10</i>	L. " "						15TH " (DAYARD)						DATE
DRILLER'S LOG IN FILE	U. " "						16TH " (DAYARD)						DATE
COAL DATA													
OWNER	GLADION COAL						17TH " (DAYARD)						DATE
ADDRESS	BROOKVILLE COAL						18TH " (DAYARD)						DATE
DATE NOTIFIED LOCATION	1ST GAS SAND						19TH " (DAYARD)						DATE
DATE APPROVED	MERCER COAL	<i>1400</i>	<i>1444</i>				20TH " (DAYARD)						DATE
DEPARTMENT OF MINES DATA													
URL'S PERMIT NO.	1ST SALT SAND	<i>1469</i>	<i>1546</i>				21ST " (DAYARD)						DATE
URL'S, DFR. PERMIT NO.	2ND " "						22ND " (DAYARD)						DATE
LUGGING PERMIT NO.	3RD " "						23RD " (DAYARD)						DATE
FREE GAS DATA													
ANNUAL ALLOWANCE	MAXTON "						24TH " (DAYARD)						DATE
CONSUMER	LITTLE LINE						25TH " (DAYARD)						DATE
ADDRESS	PENCIL CAVE						26TH " (DAYARD)						DATE
OPEN FLOW VOLUME & PRESSURE DATA													
PIPE LINE DATA													

DATE	READING	LIQUID	SIZE		MINUTES										24 HR. TO DATE		VOLUME	PRODUCING SAND	C/O NO.	DATE LAID	DATE RCL'D	SIZE	FEET LAID	FEET RCL'D	REMARKS
			OPENING	TUBING	1	2	3	4	5	10	15	20	30	R.P.	P.P.										
<i>6-19-03</i>			<i>6 1/8</i>	<i>6 1/8</i>																					

REPAIR AND DRILLING DEEPER										SHOOTING RECORD				
W/O-M/O NO.	DATE	REASON	COMMENCED	COMPLETED	C/O TO	VOLUME		ROCK PRESS.		DATE	AMT.	DEPTH	VOLUME	
						BEFORE	AFTER	BEFORE	AFTER				BEFORE	AFTER
<i>21115-16</i>	<i>6/24/03</i>	<i>6 1/8" x 6 1/8"</i>	<i>3-26-03</i>	<i>2-26-03</i>	<i>2.6 WPI</i>	<i>2.6 WPI</i>	<i>88</i>	<i>73</i>						

RECEIVED  
 Environmental Protection  
 5-7-2014

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-103-00841 WELL NO.: WV 601769

FARM NAME: Hubbard

RESPONSIBLE PARTY NAME: Equitrans L.P.

COUNTY: Wetzel DISTRICT: Grant

QUADRANGLE: Big Run

SURFACE OWNER: John Michael Byard

ROYALTY OWNER: Liberty Holding Company

UTM GPS NORTHING: 4383111.9

UTM GPS EASTING: 537706.5 GPS ELEVATION: 980'

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

Received

AUG - 7 2014

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.

*Ann D. Hall*  
Signature

Sr. Storage Specialist  
Title

7/23/2014  
Date

08/22/2014