



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

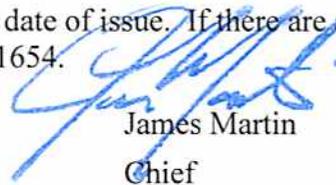
WELL WORK PLUGGING PERMIT

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.

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.

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

P&A OF PRODUCTION WELL 1769 IN MOBLEY STORAGE
2014
Plug & Abandonment Procedure
PERMITTING
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
SITE PREPARATION
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
FIELD WORK
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

103-0841P

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AUG - 7 2014
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8-4-14
Office of Oil and Gas
WV Dept. of Environmental Protection

103-0841P

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) XXXXXXXXXXXXXXXXXXXX DPH 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
PLUGGING PROCEDURE WILL COMPLY WITH THE FOLLOWING WVDEP CODE REQUIREMENTS / web link provided below
Plugging requirements are in section WVC 22-6-24
http://www.legis.state.wv.us/legisdocs/code/22/WVC%2022%20-%20-%20%206%20-%20-%20%2024%20.htm
SITE RECLAMATION
Reclaim access road and well site
Remove culverts and stone aggregate
Reclaim to original grade, seed and mulch
PERMITTING
Submit final plugging affidavit

Minimum Required Plugs

- 2050' - 1450'
- 1420' - 1322'
- 1225' - 1125'
- 925' - 625'
- 364' - 264'
- 200' - surface

* Gel spacers between all plugs.

DPH 8-4-14

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Office of Oil and Gas
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 ~~WASHER~~ Grant COUNTY Netzel STATE W. Va.

Repair
DRAWDOWN BEGAN 10-4-65 . 19 COMPLETED 11-22-65 19

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 " (SUPTD)					
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					
PENCIL 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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AUG 7 2014

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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 Wetzel
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 84 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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Dept of Environmental Protection

WW-4A
Revised 6-07

1) Date: 7/23/2014
2) Operator's Well Number
WV 601769

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 26554</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>304-206-7813</u>	_____

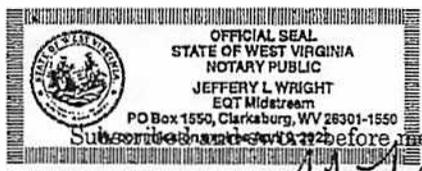
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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



Received
 AUG - 7 2014

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

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.

Office of Oil and Gas
WV Dept. of Environmental Protection

7009 2250 0000 8659 5367

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

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Registered Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

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Sent to
 Street, Apt. No.,
 or PO Box No. Liberty Holding Co.
18 Hollen Circle
 City, State, ZIP+4[®] Fairmont WV 26554

EQTSM

EQT Midstream
500 Oakmount Road
Clarkshurg, WV 26301

Liberty Holding Co.
18 Hollen Circle
Fairmont WV

26554

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AUG - 7 2014

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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+4

EQTSM

EQT Midstream
500 Catamount Road
Clackburg, WV 26301

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

103-0841P

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103-0841P

Topo Quad: Big Run

Scale: 1" to 2000'

County: Wetzel

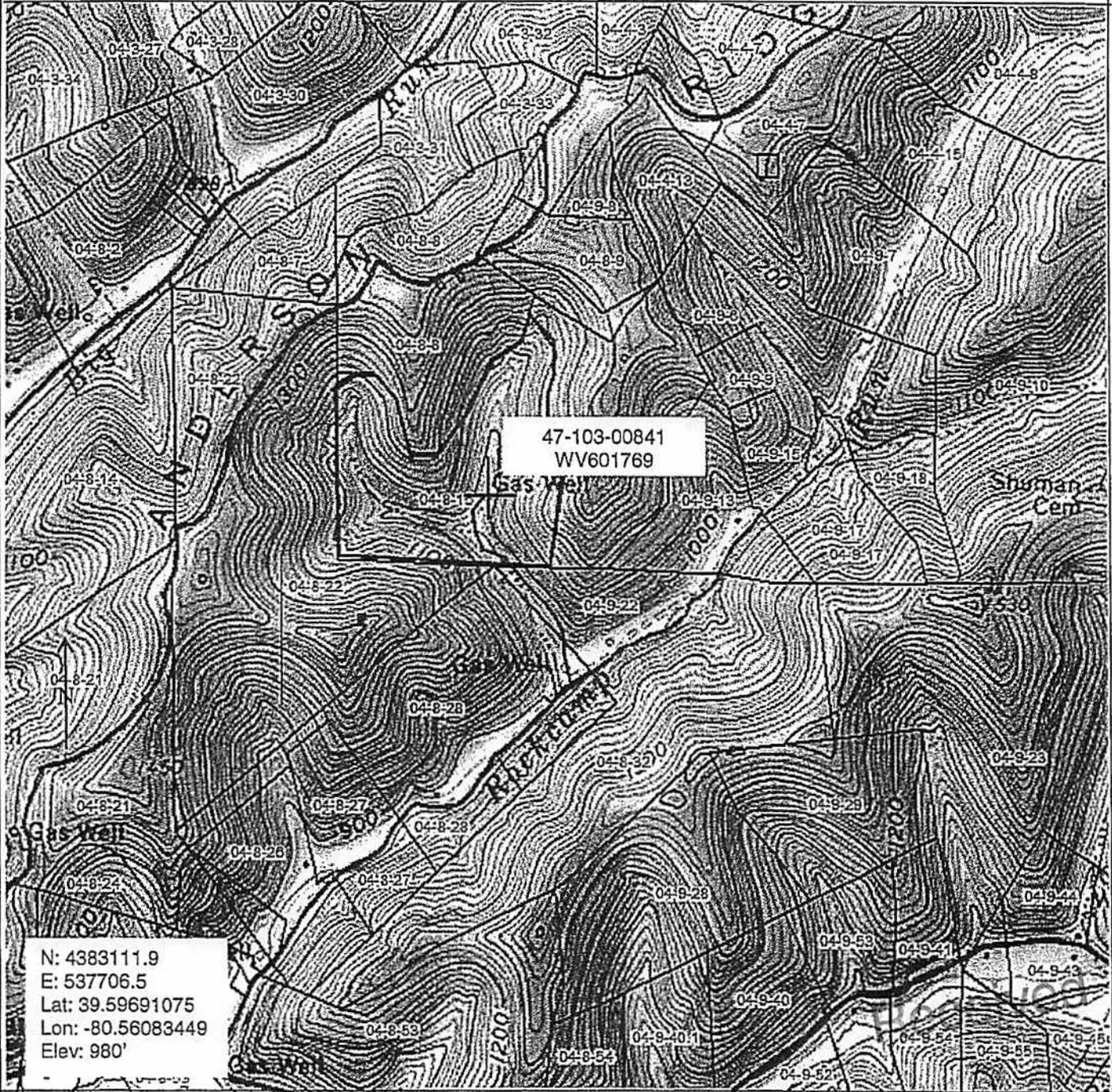
Date: 7-24-2014

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

Topo Quad: Big Run

Scale: 1" to 2000'

County: Wetzel

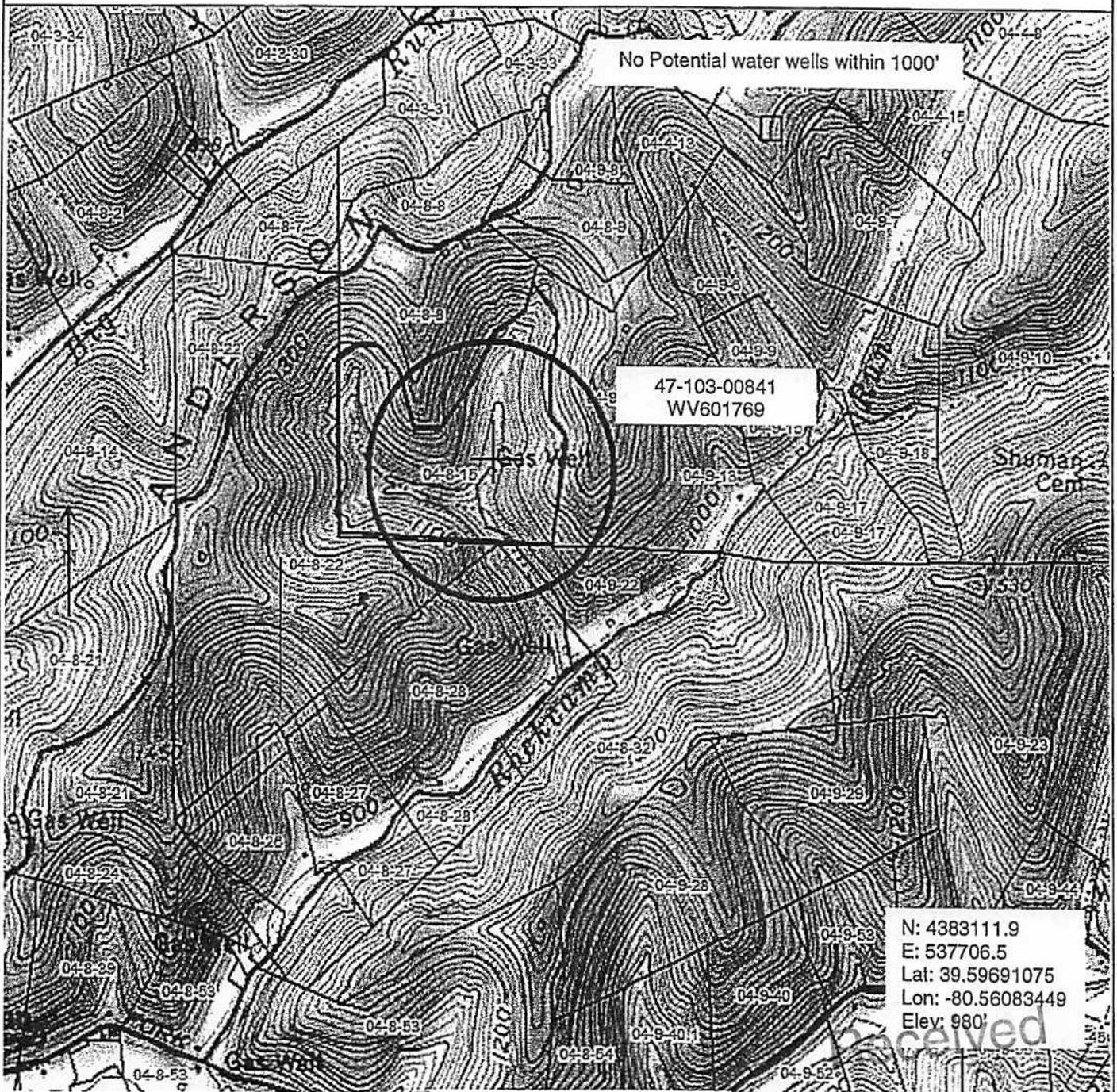
Date: 7-24-2014

District: Grant

Project No: _____

Water

47-103-00841 (WV 601769)



Equitrans L. P.

303 Sand Cut Road
Clarksburg, WV 26301

PM 11 AUG - 7 2014
8-4-14

Office of Oil and Gas
Environmental Protection

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*

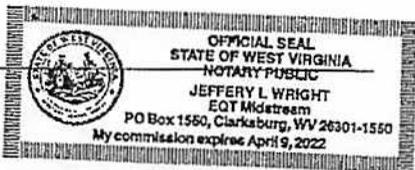
Company Official (Typed Name) Brian A. Hall

Company Official Title Senior Storage Specialist

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

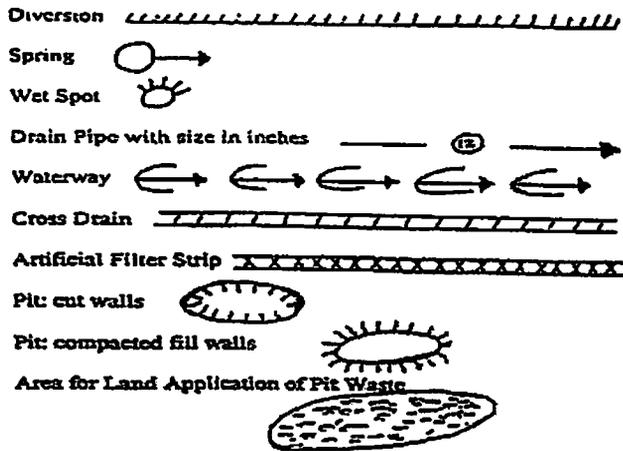
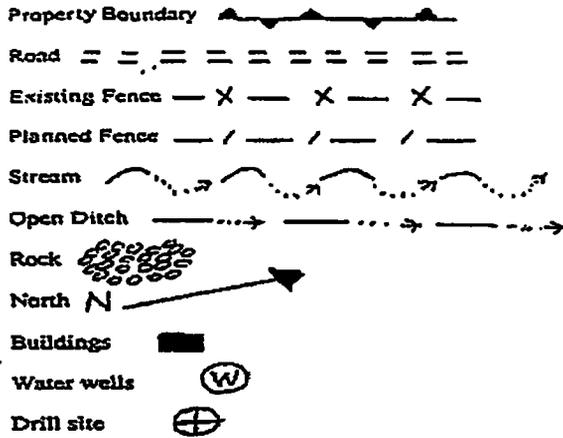
Jeffery L. Wright Notary Public

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						A-1
COUNTY <i>Madison</i>	MAPLETOWN "						2' SAND (MINEVAI)						CASING AND TUBING DATA
LOCATED <i>Madison 1903</i>	REDSSTONE "						SIRE SAND (OLIVE MON.)						SIZE
CONTRACTOR <i>J.V. Fiskell</i>	PITTSBURGH "	<i>618</i>	<i>675</i>				COAL STRAY SAND	<i>2715</i>	<i>2721</i>				DATE
DATE COMMENCED <i>6-16-1903</i>	MURPHY SAND						GORDON SAND (THIRD)	<i>2742</i>	<i>2750</i>				PULLED
DATE COMPLETED <i>9-14-1903</i>	JAMES Limestone						4TH "	<i>2800</i>	<i>2804</i>	<i>2803</i>			DATE
DATE PURCHASED	BAKERSTOWN COAL						5TH "						DATE
DATE NOTIFIED LOCATION	L. BUNKARD SAND	<i>720</i>	<i>1010</i>				6TH " (MCDONALD)						DATE
DATE APPROVED	B. DUNKARD SAND	<i>1190</i>	<i>1200</i>				7TH " (DAYARD)						DATE
DEPARTMENT OF MINES DATA	UPPER FREEPORT COAL						8TH " (DAYARD)						DATE
IRL-G PERMIT NO.	L. " "						9TH " (DAYARD)						DATE
IRL-G, DFR PERMIT NO.	U. " "						10TH " (DAYARD)						DATE
LUGGING PERMIT NO.	L. " "						11TH " (DAYARD)						DATE
FREE GAS DATA	MURPHY SAND						12TH " (DAYARD)						DATE
ANNUAL ALLOWANCE	AMPORT LIME						13TH " (DAYARD)						DATE
CONSUMER	GLARION COAL						14TH " (DAYARD)						DATE
ADDRESS	BROOKVILLE COAL						15TH " (DAYARD)						DATE
	1ST GAS SAND						16TH " (DAYARD)						DATE
	MERCER COAL						17TH " (DAYARD)						DATE
	1ST SALT SAND	<i>1400</i>	<i>1444</i>				18TH " (DAYARD)						DATE
	2ND " "	<i>1469</i>	<i>1556</i>				19TH " (DAYARD)						DATE
	3RD " "						20TH " (DAYARD)						DATE
	4TH " "						21ST " (DAYARD)						DATE
	5TH " "						22ND " (DAYARD)						DATE
	6TH " "						23RD " (DAYARD)						DATE
	7TH " "						24TH " (DAYARD)						DATE
	8TH " "						25TH " (DAYARD)						DATE
	9TH " "						26TH " (DAYARD)						DATE
	10TH " "						27TH " (DAYARD)						DATE
	11TH " "						28TH " (DAYARD)						DATE
	12TH " "						29TH " (DAYARD)						DATE
	13TH " "						30TH " (DAYARD)						DATE
	14TH " "						31ST " (DAYARD)						DATE
	15TH " "						32ND " (DAYARD)						DATE
	16TH " "						33RD " (DAYARD)						DATE
	17TH " "						34TH " (DAYARD)						DATE
	18TH " "						35TH " (DAYARD)						DATE
	19TH " "						36TH " (DAYARD)						DATE
	20TH " "						37TH " (DAYARD)						DATE
	21ST " "						38TH " (DAYARD)						DATE
	22ND " "						39TH " (DAYARD)						DATE
	23RD " "						40TH " (DAYARD)						DATE
	24TH " "						41ST " (DAYARD)						DATE
	25TH " "						42ND " (DAYARD)						DATE
	26TH " "						43RD " (DAYARD)						DATE
	27TH " "						44TH " (DAYARD)						DATE
	28TH " "						45TH " (DAYARD)						DATE
	29TH " "						46TH " (DAYARD)						DATE
	30TH " "						47TH " (DAYARD)						DATE
	31ST " "						48TH " (DAYARD)						DATE
	32ND " "						49TH " (DAYARD)						DATE
	33RD " "						50TH " (DAYARD)						DATE
	34TH " "						51ST " (DAYARD)						DATE
	35TH " "						52ND " (DAYARD)						DATE
	36TH " "						53RD " (DAYARD)						DATE
	37TH " "						54TH " (DAYARD)						DATE
	38TH " "						55TH " (DAYARD)						DATE
	39TH " "						56TH " (DAYARD)						DATE
	40TH " "						57TH " (DAYARD)						DATE
	41ST " "						58TH " (DAYARD)						DATE
	42ND " "						59TH " (DAYARD)						DATE
	43RD " "						60TH " (DAYARD)						DATE
	44TH " "						61ST " (DAYARD)						DATE
	45TH " "						62ND " (DAYARD)						DATE
	46TH " "						63RD " (DAYARD)						DATE
	47TH " "						64TH " (DAYARD)						DATE
	48TH " "						65TH " (DAYARD)						DATE
	49TH " "						66TH " (DAYARD)						DATE
	50TH " "						67TH " (DAYARD)						DATE
	51ST " "						68TH " (DAYARD)						DATE
	52ND " "						69TH " (DAYARD)						DATE
	53RD " "						70TH " (DAYARD)						DATE
	54TH " "						71ST " (DAYARD)						DATE
	55TH " "						72ND " (DAYARD)						DATE
	56TH " "						73RD " (DAYARD)						DATE
	57TH " "						74TH " (DAYARD)						DATE
	58TH " "						75TH " (DAYARD)						DATE
	59TH " "						76TH " (DAYARD)						DATE
	60TH " "						77TH " (DAYARD)						DATE
	61ST " "						78TH " (DAYARD)						DATE
	62ND " "						79TH " (DAYARD)						DATE
	63RD " "						80TH " (DAYARD)						DATE
	64TH " "						81ST " (DAYARD)						DATE
	65TH " "						82ND " (DAYARD)						DATE
	66TH " "						83RD " (DAYARD)						DATE
	67TH " "						84TH " (DAYARD)						DATE
	68TH " "						85TH " (DAYARD)						DATE
	69TH " "						86TH " (DAYARD)						DATE
	70TH " "						87TH " (DAYARD)						DATE
	71ST " "						88TH " (DAYARD)						DATE
	72ND " "						89TH " (DAYARD)						DATE
	73RD " "						90TH " (DAYARD)						DATE
	74TH " "						91ST " (DAYARD)						DATE
	75TH " "						92ND " (DAYARD)						DATE
	76TH " "						93RD " (DAYARD)						DATE
	77TH " "						94TH " (DAYARD)						DATE
	78TH " "						95TH " (DAYARD)						DATE
	79TH " "						96TH " (DAYARD)						DATE
	80TH " "						97TH " (DAYARD)						DATE
	81ST " "						98TH " (DAYARD)						DATE
	82ND " "						99TH " (DAYARD)						DATE
	83RD " "						100TH " (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.										
<i>6-19-03</i>			<i>6 1/8</i>	<i>10</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>6-21-03</i>	<i>6 1/8 x 10</i>	<i>3-26-01</i>	<i>2-9-01</i>	<i>2.6 W/1"</i>	<i>2.6 W/1"</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

Office of Oil and Gas
WV Dept. of Environmental Protection