



west virginia department of environmental protection

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

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Friday, August 25, 2017
WELL WORK PERMIT
Vertical / Plugging

PARKERSBURG STEEL COMPANY

Re: Permit approval for 1
47-107-00539-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: 1
Farm Name: PARKERSBURG STEEL CO.
U.S. WELL NUMBER: 47-107-00539-00-00
Vertical / Plugging
Date Issued: 8/25/2017

Promoting a healthy environment.

08/25/2017

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.

NOTIFY O&G (JEFF McLAUGHIN 81-205-3906) IF WELL
HAS 8 1/4" & 6 5/8" CASING REMAINING BEFORE SETTING FIRST PLUG.

JMM

47-107-00539-P

WW-4B
Rev. 2/01

1) Date 8/23, 2017
2) Operator's Well No. Parkersburg Steel Co.
3) API Well No. 47-107-00539-P

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 X" or Underground storage ___) Deep ___ / Shallow ___

5) Location: Elevation 597.1 Watershed Ohio River
District Parkersburg County Wood Quadrangle Parkersburg

6) Well Operator PARKERSBURG STEEL COMPANY
Louis Berkman Realty Company (Parkersburg Steel)
Address 600 Grant Street
Pittsburgh, PA 15219
7) Designated Agent Robert Schultz
Address 600 Grant Street
Pittsburgh, PA 15219

8) Oil and Gas Inspector to be notified
Name Jamie Stevens 304-206-7775
Address 105 Kentuck Road
Kenna, WV 25248
9) Plugging Contractor
Name Contractor Services Inc. of WV
Address 929 Charleston Road
Spencer, WV 25276

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

Prep Location. Move in, Rig up. Install JU Head. Pull Rods and tubing. → SEE NOTE: ★

Set BHP from estimated 2099' to 1720' or estimated cut point. (GORDEN + BERGA)

Wait on cement and tag plug.

• FIND FREE POINT, FROM BOND LOG.

Cut 4.5" and attempt to recover (records show grouted at surface)

• Perf 4.5" and cement to surface.

Erect monument.

IF 4 1/2" CANNOT BE PULLED
CONTACT W/ OO & G AS
TO PLACEMENT OF PERFORATIONS.
g.w.m.

★ NOTIFY OO & G IF WELL STILL HAS
6 5/8" & 8 1/4" CASING IN IT.

From records this is CTS.

Run bond log go from there

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

Work order approved by inspector

Jamie Stevens

Date

8/23/2017

08/25/2017



RECEIVED
JAN 20 1972

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES AND
OIL AND GAS WELLS DIVISION 3

- Rotary
- Spudder
- Cable Tools
- Storage

Quadrangle Parkersburg
Permit No. WOOD-539

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company McCullough Oil & Gas Co. Casing and Tubing _____ Used in Drilling _____ Left in Well _____ Packers _____

Address Town House Bldg. Cambridge, Ohio 43125 Size _____

Farm Parkersburg Steel Co. Acres 8.35

Location (waters) _____

Well No. 1 Elev. 597.1'

District Parkersburg County Wood

The surface of tract is owned in fee by _____

Mineral rights are owned by _____

Drilling commenced 9-1-66

Drilling completed 10-20-66

Date Shot _____ From _____ To _____

With _____

Open Flow 1/10ths Water in _____ Inch _____

Volume _____ Cu. Ft. _____

Rock Pressure _____ lbs. _____ hrs. _____

Oil _____ bbl. 1st 24 hrs. _____

WELL ACIDIZED (DETAILS) _____

WELL FRACTURED (DETAILS) Approx. 1,000 bbl. water & 30,000 lbs. sand injected into the perforations with an IP of 3,200 lbs.

RESULT AFTER TREATMENT (Initial open flow or bbl.) 400,000 Mcf

ROCK PRESSURE AFTER TREATMENT _____ HOURS _____

Fresh Water 50', 75' Feet 210', 280' Salt Water 880', 900' Feet _____

Producing Sand _____ Depth _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	Yellow	Soft	0	37			
Clay	White	Soft	37	49			
Shale		Soft	49	98			
Sand	Grey	Soft	98	125			
Shale	Grey	Soft	125	180			
Sand	Grey	Hard	180	230			
Shale	Grey/red	Soft	230	297			
Lime	Grey	Hard	297	315			
Sand	Grey/red	Soft	315	338			
Shale	Grey	Soft	338	402			
Sand		Soft	402	486			
Shale		Soft	486	505			
Shale	Red	Cave	505	539			
Lime		Hard	539	567			
Red	Red		567	623			
Shale			623	650			
Lime	White	Hard	650	658			
Shale	Grey	Medium	658	704			
Little	Red		704	714			
Cow run			714	756			
Shale	Grey		756	773			
Slate	Black		773	790			
Sandy			790	799			
Slate	Grey		799	845			
Sand			845	858			
Shale	Grey	Hard	845	868			
Lime	Grey		868	875			
Sand			875	900			
Slate	Black		900	910			

(over)

MAR 13 1972

47-107-005399

107-00539

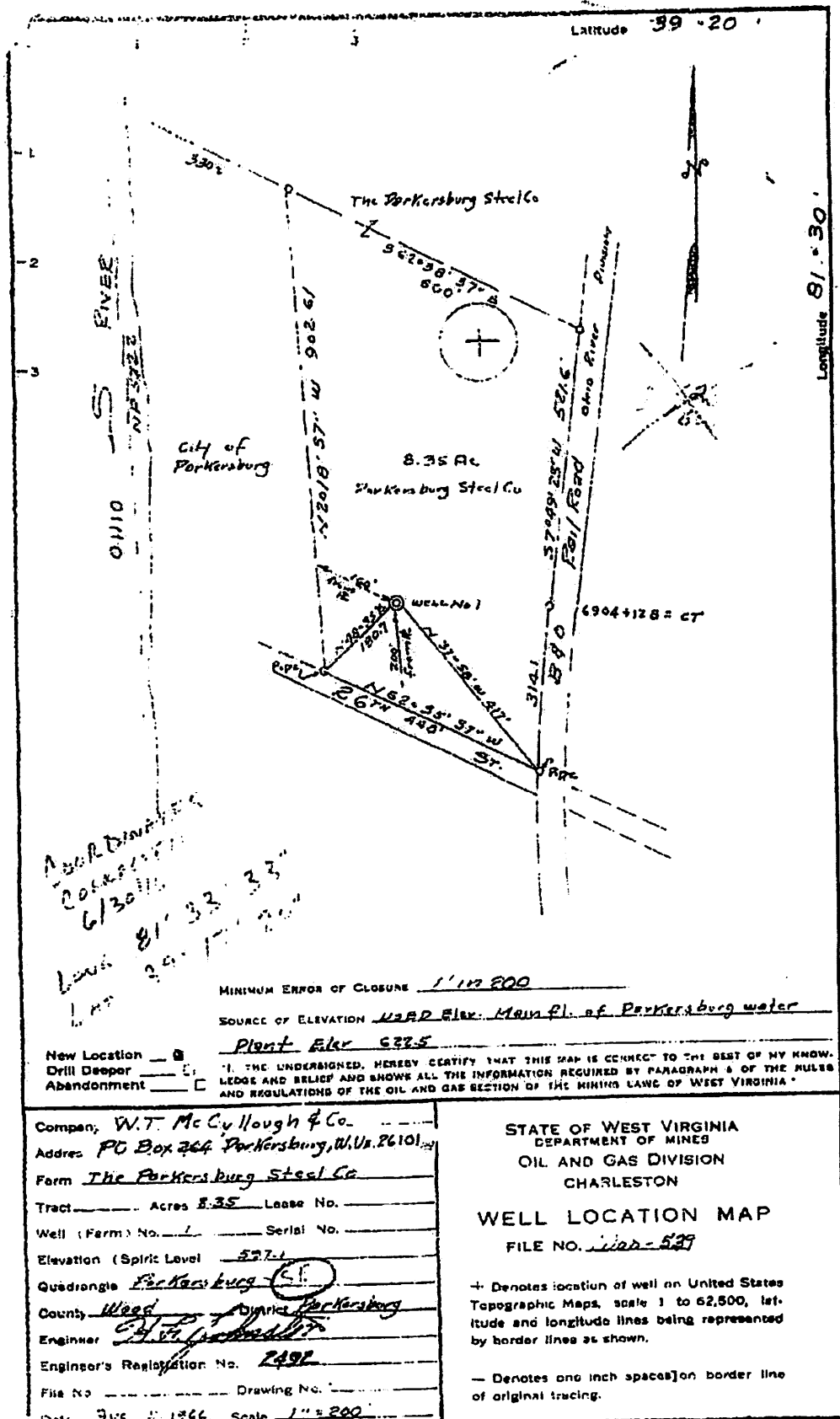
Formation	Color	Hard or Soft	Top 3	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sandy Slate			940	975			
Sand	White		975	987			
Sandy Shale	Black		987	1005			
Sand	Blue		1005	1066			
Shale			1086	1123			
Sand			1123	1170			
Shale	Black		1179	1218			
Sand	Grey	Hard	1218	1284			
Slate	Black	Soft	1284	1293			
Sand	Blue		1293	1354			
Slate	Blue		1354	1386			
Black Lime			1386	1456			
Slate	Black		1456	1490			
Slate	Grey		1490	1535			
Slate & Shale			1535	1780			
Shale	Brown		1780	1803			
Berea			1803	1820			
Slate			1820	1870			
Lime		Hard	1870	1935			
Shale	Black		1935	1968			
Lime		Hard	1968	1975			
Shale	Black	Medium	1975	1992			
Slate			1992	2048			
<u>Gordon</u>	Brown	Medium	2048	2099			

Parkersburg Field produces oil + gas from the Berea and Gordon.

Date January 18 19 72

APPROVED M. Cullough Oil Int. Owner
 By L. J. Mc... (Title)

08/25/2017



COORDINATES
CORRECTED
6/30/11
LONG 81° 33' 33"
LAT 39° 20' 00"

MINIMUM ERROR OF CLOSURE 1" IN 200

SOURCE OF ELEVATION U.S.P. Elev. Main Pl. of Parkersburg water

Plant Elev 622.5

New Location I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS MAP IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY PARAGRAPH 4 OF THE RULES AND REGULATIONS OF THE OIL AND GAS SECTION OF THE MINING LAWS OF WEST VIRGINIA.

Company W.T. McCullough & Co.
 Address PO Box 266 Parkersburg, W. Va. 26101
 Farm The Parkersburg Steel Co
 Tract _____ Acres 8.35 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spiric Level) 527.4
 Quadrangle Parkersburg (CF)
 County Wood District Parkersburg
 Engineer W. S. Jacobson
 Engineer's Registration No. 2492
 File No. _____ Drawing No. _____
 Date 3/25/12 Scale 1" = 200'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. 100-527

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

10700539A



Select County: **(107) Wood** Select datatypes: (Check All)

Enter Permit #: **00539**

Location Production Plugging
 Owner/Completion Stratigraphy Sample
 Pay/Show/Water Logs Btm Hole Loc

Get Data Reset

[Table Descriptions](#)
[County Code Translations](#)
[Permit-Numbering Series](#)
[Usage Notes](#)
[Contact Information](#)
[Disclaimer](#)
[WVGES Main](#)
["Pipeline-Plus" New](#)

WV Geological & Economic Survey:

Well: County = 107 Permit = 00539

Report Time: Thursday, August 24, 2017 8:31:14 AM

Location Information: [View Map](#)

API	COUNTY	PERMIT	TAX_DISTRICT	QUAD_75	QUAD_15	LAT_DD	LON_DD	UTME	UTMN
4710700539	Wood	539	Parkersburg	Parkersburg	Parkersburg	39.288889	-81.559167	451778.1	4348984.7

There is no Bottom Hole Location data for this well

Owner Information:

API	CMP_DT	SUFFIX	STATUS	SURFACE_OWNER	WELL_NUM	CO_NUM	LEASE	LEASE_NUM	MINERAL_OWN	OPERATOR_AT_COMPLETION	PROP_VD	PROP_TRGT_FM	TFM_EST_PR
4710700539	10/20/1966	Original Loc	Completed	Parkersburg Steel Co 1						McCullough Drilling			

Completion Information:

API	CMP_DT	SPUD_DT	ELEV	DATUM	FIELD	DEEPEST_FM	DEEPEST_FMT	INITIAL_CLASS	FINAL_CLASS	TYPE	RIG	CMP_MTHD	TVD	TMD	NEW_FTG	G_BEF	G_AFT
4710700539	10/20/1966	9/11/1966	597	Ground Level	Parkersburg	Gordon	Gordon	Outpost (Extension) Test	Outpost (Extension) Well	Gas	Spudder	Fractured	2099		2099	0	400

Pay/Show/Water Information:

API	CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_QNTY
4710700539	10/20/1966	Water	Fresh Water	Vertical			50						0
4710700539	10/20/1966	Water	Fresh Water	Vertical			75						0
4710700539	10/20/1966	Water	Fresh Water	Vertical			210						0
4710700539	10/20/1966	Water	Fresh Water	Vertical			280						0
4710700539	10/20/1966	Water	Salt Water	Vertical			880						0
4710700539	10/20/1966	Water	Salt Water	Vertical			990						0
4710700539	10/20/1966	Pay	Gas	Vertical	2048	Gordon	2099	Gordon	0	400			

Production Gas Information: (Volumes in Mcf)

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_GAS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710700539	unknown	1992	6,670	1,201	1,024	1,035	664	437	0	0	0	0	478	814	1,017
4710700539	Parkersburg Steel Company	1993	4,046	794	351	312	303	67	0	0	0	19	500	998	702
4710700539	Parkersburg Steel Company	1994	5,131	801	764	570	352	173				71	478	924	998
4710700539	Parkersburg Steel Company	1995	7,273	998	697	1,336	314						147		3,781
4710700539	Parkersburg Steel Company	1996	1,182	173	68	314	193	14						223	197
4710700539	Parkersburg Steel Company	1997	251	0	0	0	0	0	0	0	0	0	0	138	113
4710700539	Parkersburg Steel Company	1998	1,295	110	310	78	0	0	0	0	0	0	0	671	126
4710700539	Parkersburg Steel Company	2004	3,329	1,392	1,164	0	0	0	0	0	0	0	0	0	773
4710700539	Parkersburg Steel Company	2006	796	796	0	0	0	0	0	0	0	0	0	0	0
4710700539	Parkersburg Steel Company	2007	3,349	1,657	385	1,307	0	0	0	0	0	0	0	0	0
4710700539	Parkersburg Steel Company	2008	336	0	0	336	0	0	0	0	0	0	0	0	0
4710700539	Parkersburg Steel Company	2009	615	0	0	615	0	0	0	0	0	0	0	0	0

Production Oil Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_OIL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4710700539	unknown	1992	57	0	57	0	0	0	0	0	0	0	0	0	0
4710700539	Parkersburg Steel Company	1993	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700539	Parkersburg Steel Company	1994													
4710700539	Parkersburg Steel Company	1995													
4710700539	Parkersburg Steel Company	1996													
4710700539	Parkersburg Steel Company	1997	80	0	0	0	0	0	0	0	0	0	0	0	80
4710700539	Parkersburg Steel Company	1998	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700539	Parkersburg Steel Company	2004	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700539	Parkersburg Steel Company	2006	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700539	Parkersburg Steel Company	2007	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700539	Parkersburg Steel Company	2008	0	0	0	0	0	0	0	0	0	0	0	0	0
4710700539	Parkersburg Steel Company	2009	0	0	0	0	0	0	0	0	0	0	0	0	0

There is no Production NGL data for this well ** some operators may have reported NGL under Oil

There is no Production Water data for this well

Stratigraphy Information:

API	SUFFIX	FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4710700539	Original Loc	Greenbrier Group	Well Record	1386	Reasonable	70	Reasonable	597	Ground Level
4710700539	Original Loc	Big Lime	Well Record	1386	Reasonable	70	Reasonable	597	Ground Level
4710700539	Original Loc	Berea Ss	Well Record	1803	Reasonable	17	Reasonable	597	Ground Level
4710700539	Original Loc	UDev undf.Ber/LoHURN	Well Record	1820	Reasonable	0	Reasonable	597	Ground Level
4710700539	Original Loc	Gordon	Well Record	2048	Reasonable	51	Reasonable	597	Ground Level

There is no Wireline (E-Log) data for this well

There is no Plugging data for this well

There is no Sample data for this well

08/25/2017

8/24/2017

WW-4A
Revised 6-07

1) Date: 8/23/2017
2) Operator's Well Number
Parkersburg Steel Co.

3) API Well No.: 47 - 107 - 539

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>OVU - ACE, LLC</u>	Name _____
Address <u>1 Campus View Drive</u>	Address _____
<u>Vienna, WV 26105</u>	
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Jamie Stevens</u>	(c) Coal Lessee with Declaration
Address <u>105 Kentuck Road</u>	Name _____
<u>Kenna, WV 25248</u>	Address _____
Telephone <u>304-208-7775</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 reverse 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 Louis Berkman Realty Company (Parkersburg Steel Company)
 By: [Signature]
 Its: CONTROL CO
 Address 800 Grant Street
Pittsburgh, PA 15219
 Telephone 412-652-9480

Subscribed and sworn before me this 23rd day of AUGUST, 2017
[Signature] Notary Public

COMMONWEALTH OF PENNSYLVANIA
 NOTARIAL SEAL
 Amber T. Hinnebusch, Notary Public
 Whitehall Boro, Allegheny County
 My Commission Expires June 8, 2021
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

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 dep@privacyofficer.wv.gov.

SURFACE OWNER WAIVER

Operator's Well
Number

Parkersburg Steel Co.

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON
ETC.

FOR EXECUTION BY A CORPORATION.

Signature

Date

Name

By

Its

OVU-ACE, LLC

Jeffrey A. Danick

Managing Member

Date 8/23/2017

Signature J.A. Danick

Date 8/23/2017

WW-4B

API No. 47-107-00539
Farm Name Parkersburg Steel Co.
Well No. Parkersburg Steel Co.

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____
Its _____

*No known operator, owner,
or lessee of
workable coalbed/seam
on this tract.*

10700539P

WW-9
(5/16)

API Number 47 - 107 00539
Operator's Well No. Parkersburg Steel Co.

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

Operator Name Louis Berkman Realty Company (Parkersburg Steel Co.) OP Code _____

Watershed (HUC 10) Ohio River Quadrangle Parkersburg

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: brine, oil

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

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 _____)

ANY WELL EFFLUENT WILL BE CONTAINED IN TANKS AND DISPOSED OF OFFSITE. JWH

Will closed loop system be used? If so, describe: N/A

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

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

Additives to be used in drilling mediums? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

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

-Landfill or offsite name/permit number? _____

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 Jennifer L. Gloff

Company Official (Typed Name) Steven S. Gerdtson JENNIFER L. GLOFF

Company Official Title _____ CONTROLLER

Subscribed and sworn before me this 23 day of August, 2017

Amber T. Hinnebusch Notary Public

My commission expires _____

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Amber T. Hinnebusch, Notary Public
Whitehall Boro, Allegheny County
My Commission Expires June 8, 2021
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

08/25/2017

47-107-00539-P

Form WW-9

Operator's Well No. Parkersburg Steel Co.

Proposed Revegetation Treatment: Acres Disturbed .5 Prevegetation pH 5.5

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type _____

Fertilizer amount 0.25 lbs/acre

Mulch Hay 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard Grass	25	Ladino Clover	5
Red Top Clover	15	KY 31	40

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: _____

Comments: _____

*This well is by records
CFS.*

Jamie Brown

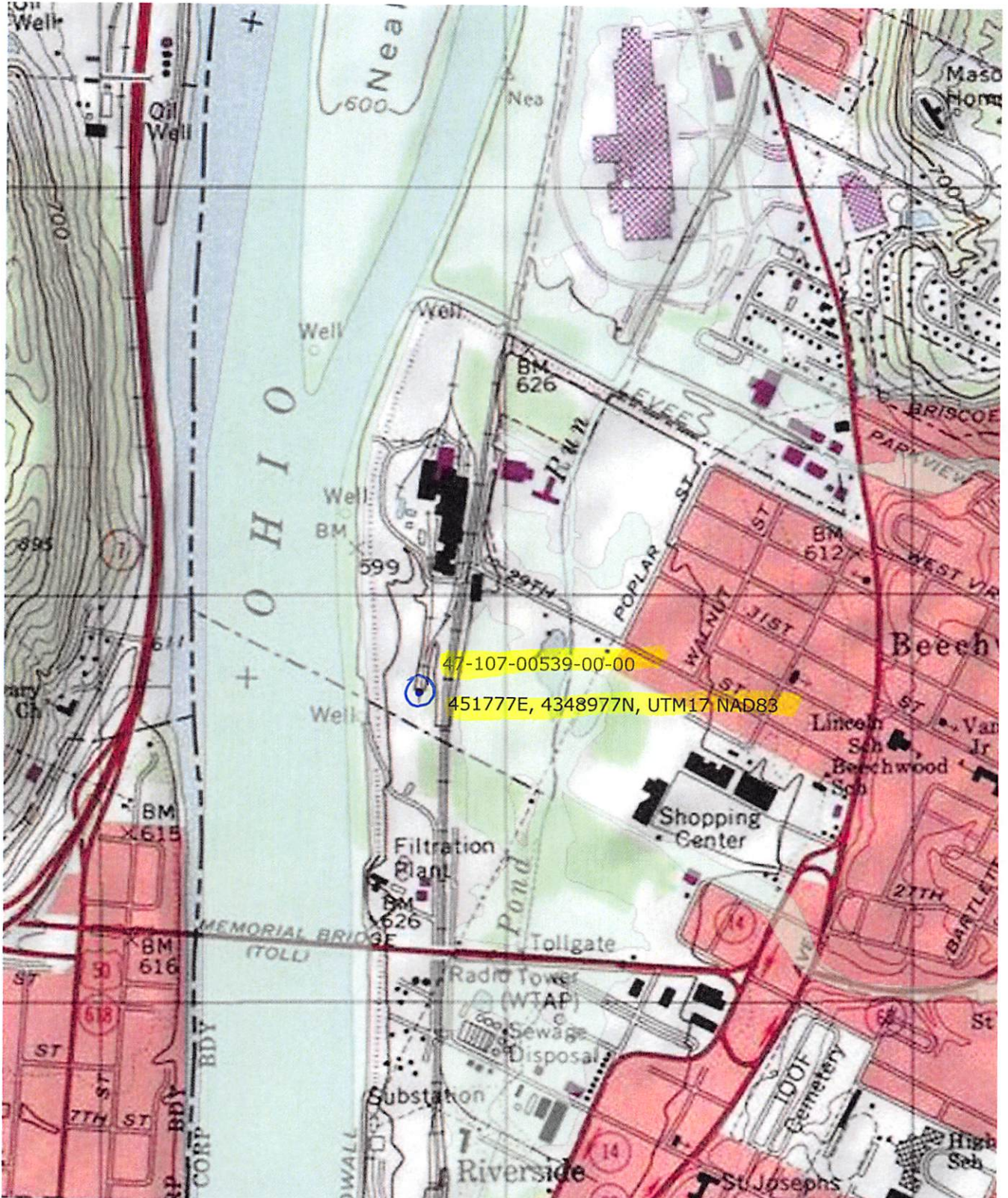
Title: *Inspector* Date: *8/23/2017*

Field Reviewed? Yes No

107 00539 F



08/25/2017



08/25/2017

WW-7
8-30-06



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

API: 47-107-00539 WELL NO.: Parkersburg Steel Co.
 FARM NAME: Parkersburg Steel Co.
 RESPONSIBLE PARTY NAME: Louis Berkman Realty Company
 COUNTY: Wood DISTRICT: Parkersburg
 QUADRANGLE: Parkersburg
 SURFACE OWNER: OVU-ACE, LLC
 ROYALTY OWNER: OVU-ACE, LLC
 UTM GPS NORTHING: 4348977
 UTM GPS EASTING: 451777 GPS ELEVATION: 597.1

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.

Janefer J. Hogg
Signature

CONTROLLER
Title

8-23-17
Date