



ALT METHOD

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

DEP USE ONLY	
Auth. No. 1272719	U.S. Well

NOTICE OF INTENTION BY WELL OPERATOR TO PLUG A WELL

<input checked="" type="checkbox"/> Well Operator	<input type="checkbox"/> Coal Operator	OGO No. 39054	U.S. Well No. (Permit / Reg) 37-125-28586-00-00 ✓	Date Drilled (If known) 8/30/2018
Name Rice Drilling B LLC		Well Farm Name Habanero ✓		
Address 2400 Ansys Drive, Suite 200		Telephone No. 724-271-7314	Well No. WAE1H22 ✓	Well Serial No. 597010
City Canonsburg	State PA	Zip Code 15317	County Washington ✓	
<input type="checkbox"/> Agent (contractor) acting on behalf of the operator named above.		Municipality North Strabane Township ✓		
Address		Telephone No.	Latitude (DD) 40.190267 ✓	Longitude (DD) - 80.164022 ✓
City	State	Zip Code	<i>Attach well record if not previously submitted.</i>	

Complete this section if applicable. Prior to abandoning any well in an area underlain by a workable coal seam, the well operator or owner shall notify the coal operator, lessee, or owner of the intention to plug and abandon the well, and shall submit a plat showing the location and affix the date and time at which the work of plugging will commence.

Coal: <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Lessee	Coal: <input checked="" type="checkbox"/> Operator <input type="checkbox"/> Owner <input type="checkbox"/> Lessee	Coal: <input type="checkbox"/> Operator <input type="checkbox"/> Owner <input type="checkbox"/> Lessee
Name William A Beitler and Cathi Jo Beitler ✓	Name Washington County Coal Co ✓	Name
Address 435 Santitarium Road	Address 46226 National Road	Address
City, State, Zip Code Washington, PA 15301	City, State, Zip Code St Clairsville, OH 43950	City, State, Zip Code
Telephone No. _____	Telephone No. _____	Telephone No. _____
Notified? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Notified? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Notified? <input type="checkbox"/> Yes <input type="checkbox"/> No
This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well. Signature: _____	This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well. Signature: _____	This Party hereby waives the rights to be notified of the date and time before plugging work will begin and to be present at the plugging of this well. Signature: <i>ok per Todd Klamer - Owner</i>

Scheduled Date and Time of Plugging Plugging is scheduled to begin on (date) ~~5/14/2019~~ **5/20/19** at (time) 8:00AM

Checklist and Additional Attached Information <input checked="" type="checkbox"/> Location Plat <input type="checkbox"/> Current Well Record <input type="checkbox"/> Available Well Record <input checked="" type="checkbox"/> Application for Approval of Alternate Method of Plugging <input type="checkbox"/> Mine - Through <input type="checkbox"/> Other, describe:	Signature of Applicant (Operator or Agent) Signature _____ Date 4/29/2019 Print or Type Signer's Name and Title Todd Klamer - Regional Land Manager	
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If this well has not been permitted or registered previously, DEP hereby assigns this identification number to the well location described in this notice: Identification No. _____ Date _____ Please refer to this number in all future correspondence.	Notice acknowledged by _____ Date _____ DEP Rep (Signature) _____ (Print Name) Daniel F. Counahan	Geologist _____ Date _____
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Send a copy of this notice to the applicant and the DEP inspectors.

<input type="checkbox"/> Applicant <input type="checkbox"/> Oil and Gas Inspector <input type="checkbox"/> Mine Inspector	Date Received in DEP Office Plugging must begin within 30 days of: RECEIVED MAY 09 2019
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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT
WELL LOCATION PLAT

DEP USE ONLY	Auth ID #:	G:
	Permit #:	C:
	Project #:	

PAGE 1 Surface Location

Well is located on topo map 6,580 feet south of latitude 40° 12' 30"

Denotes location of top of well on topo map.

True Latitude: NORTH
40° 11' 24.96"

True Longitude: WEST
80° 09' 50.48"

NOTES:
THE PURPOSE OF THIS PLAT IS FOR THE LOCATION OF A PROPOSED GAS WELL AND DOES NOT REPRESENT A CLOSED BOUNDARY SURVEY. PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE, TAX RECORDS, AND AERIAL MAPPING.
NO STRUCTURES EXIST WITHIN 500 FEET OF PROPOSED WELL LOCATION.

THERE ARE NO GAS STORAGE RESERVOIRS WITHIN 3000 FEET OF PROPOSED WELL LOCATION.

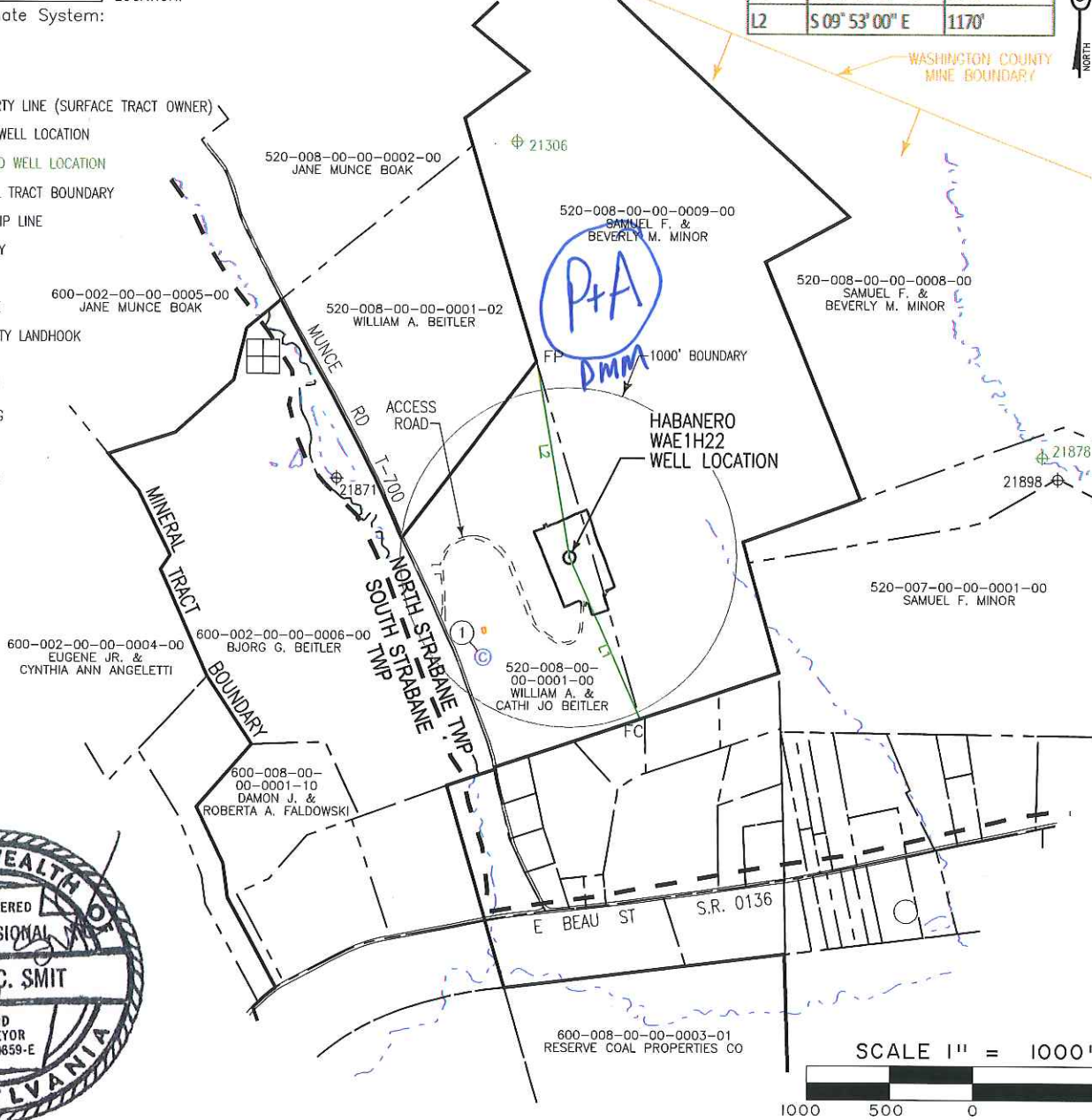
THE 3000' BOUNDARY LIES WITHIN THE WASHINGTON COUNTY MINE BOUNDARY.

LINE	BEARING	DISTANCE
L1	N 24° 18' 46" W	1043'
L2	S 09° 53' 00" E	1170'

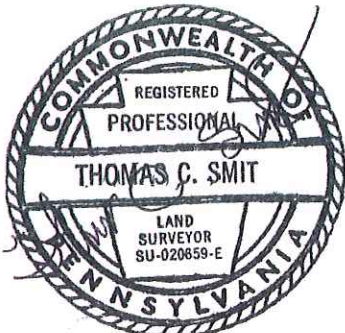
Horizontal Coordinate System:
NAD 83

LEGEND

- PROPERTY LINE (SURFACE TRACT OWNER)
- ⊕ ACTIVE WELL LOCATION
- ⊕ PLUGGED WELL LOCATION
- MINERAL TRACT BOUNDARY
- TOWNSHIP LINE
- ROADWAY
- STREAM
- TIE LINE
- ↑ PROPERTY LANDHOOK
- ⊙ CISTERN
- BUILDING
- ① WATER SOURCE NUMBER



Well is located on topo map 10,900 feet west of longitude 80° 07' 30"



Applicant / Well Operator Name: RICE DRILLING B LLC		DEP ID#: 268470	Well (Farm) Name: HABANERO		Well #: WAE1H22	Serial #: 597010
Address: 2400 ANSYS DRIVE, SUITE 200 CANONSBURG, PA 15317			County: WASHINGTON	Municipality: NORTH STRABANE TWP	Well Type: Gas	
911 address of well site: 44 MUNCE ROAD, WASHINGTON, PA 15301			USGS 7 1/2' Quadrangle Map Name: WASHINGTON EAST, PA	Map Section: 6	Surface Elevation: 1210± ft.	
Surveyor or Engineer: THOMAS C. SMIT, PLS	Phone #: (412) 278-2100	Dwg #:	Date: 04/29/2019	Scale: 1"=1000'	Unit Acreage: 41.49	
Lat & Long Metadata Method: GPS	Accuracy: 3± ft.	Datum: NAD 83	Elevation Metadata Method: GPS	Accuracy: 5± ft.	Datum: NAVD 88	Survey Date: 09/18/2014



DEP USE ONLY
Application Tracking # 1272720

MAY 09 2019

DEP SWDO
OIL & GAS

Proposed Alternate Method or Material for Casing, Plugging, Venting or Equipping a Well

Well Operator Rice Drilling B LLC		DEP ID# 268470	Well Permit or Registration Number 37-125-28586-00-00	
Address 2400 Ansys Drive, Suite 200		Well Farm Name Habanero		
City Canonsburg	State PA	Zip Code 15317	Well # WAE1H22	Serial # 597010
Phone 724-271-7314	Fax 724-745-2418	County Washington	Municipality North Strabane Township	

A proposed alternate method is subject to provisions in §3221 of the 2012 Oil and Gas Act, 58 Pa. C.S. §3221 Section 13 of the Coal and Gas Resource Coordination Act, 58 P.S. §513 and 25 PA Code §§78.75-78.75a (relating to Alternate Methods.) **Attach proof of notification of coal operator(s).**

Describe in reasonable detail using a written description and / or diagram:

- 1. the proposed alternate method or materials, and**
- 2. the manner in which the alternative will satisfy the goals of the laws and regulations.**

EQT's Proposed Alternate Method of Plugging for wells located in coal areas.

1. In lieu of venting requirements of 78.92 or 78.93 relating to wells located in coal areas, EQT proposes to cement the well from total depth or attainable bottom to surface. This will meet the requirements of 78.91H regarding cementing solid from the total depth or approved attainable bottom to surface which is superior to a gel/cement sequence in coal area wells and eliminates the need for the vent.
2. EQT will cement the well from total depth or attainable bottom to surface with Class A cement to stop the vertical flow of gas or fluids to surface within the well bore.
3. EQT will reclaim and set plugging monument according to PA DEP regulations after the well is plugged.

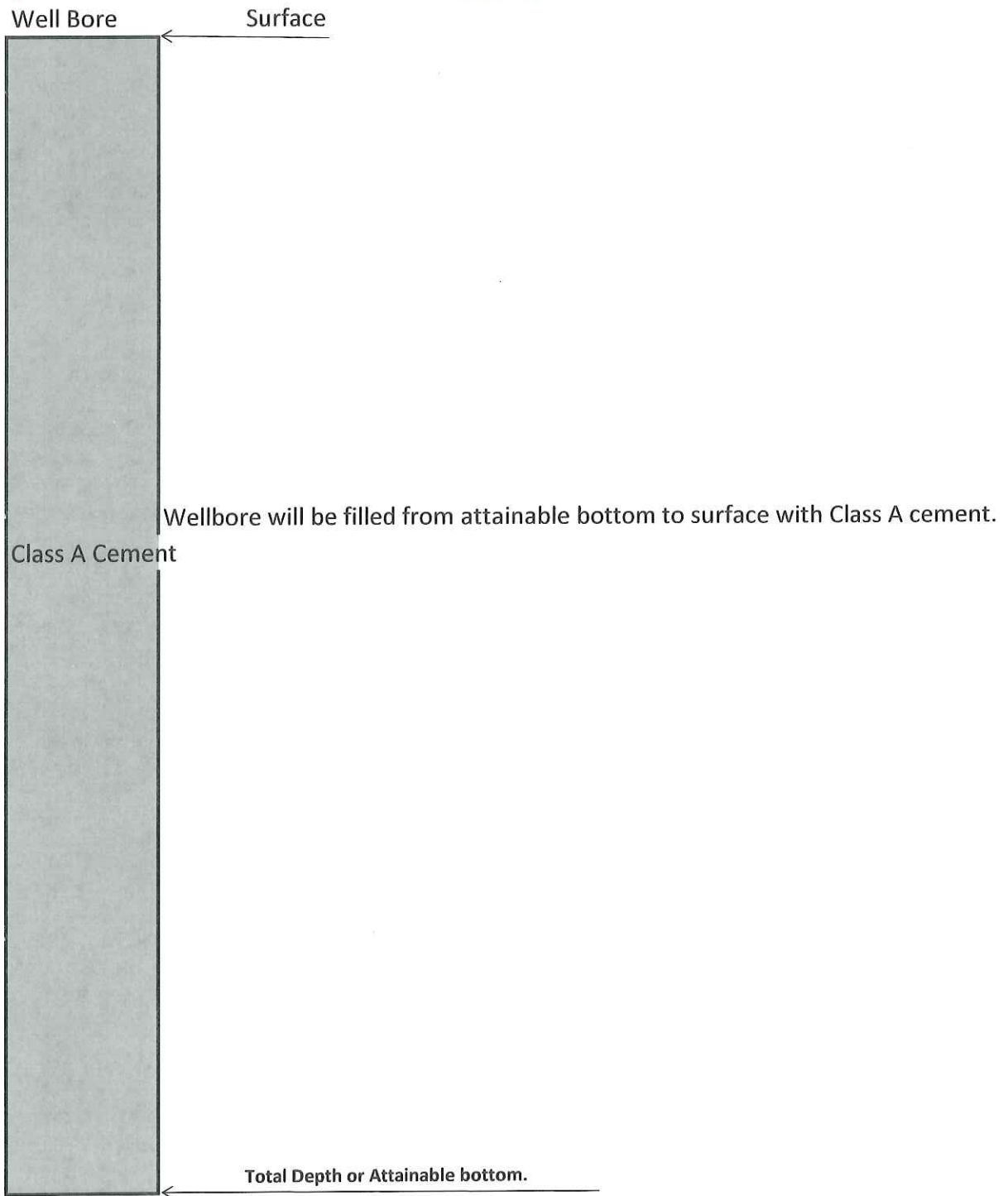
-For additional information please contact Bruce Gallick (724-705-4874) or Christopher Harmon (412-395-3512).

Optional: Approval by Coal Owner or Operator		Signature of Applicant / Well Operator	
Signature	Date	Signature	Date
			4/29/2019
Print or Type Signer's Name and Title		Print or Type Signer's Name and Title	
		Todd Klaner - Regional Land Manager	

If optional approval is signed by coal owner or operator, the 15-day objection period may be waived.

DEP USE ONLY		
Approved by (DEP Manager)	Conditions	Date
	<input type="checkbox"/> YES, See Attached <input checked="" type="checkbox"/> NO	5/23/19

EQT's Proposed Alternate Method of Plugging for Wells in Coal Areas



Delivered

Tuesday 4/30/2019 at 9:35 am

DELIVERED

Signed for by: H.SANTINI

FedEx FedEx FedEx FedEx FedEx FedEx FedEx FedEx FedEx
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H. Santini

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FROM

EQT

Olivia Pishioneri
2400 Ansys Drive
Suite 200
Canonsburg, PA US 15317
724 271-7516

TO

Washington County Coal Co
SAINTCLAIRSVILLE, OH US 43950
724 250-0180

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

DEP USE ONLY	
Site ID	Client Id
Primary Facility Id	Sub Facility Id

MAY 09 2019

DEP SWDO
OIL & GAS

Well Record
(Unconventional Operators Only)

WELL INFORMATION

Well Operator RICE DRILLING B LLC	DEP ID# 268470	Well API # 37-125-28586-00-00	Well Farm Name HABANERO	Well # WAE1H22
Address 2400 ANSYS DRIVE SUITE 200		LAT 40.190267	Project Number N/A	Serial # 597010
City CANONSBURG,		LONG -80.164022	NAD 83	
State PA	Zip 15317	Municipality NORTH STRABANE TWP	County WASHINGTON	
Phone 412-395-3205	Email ddoebereiner@egt.com	Borrow Pit N/A	USGS 7.5 min. quadrangle map WASHINGTON EAST	Section 6

Check the appropriate Submission: Original Well Record Amended Well Record

Well Type	<input checked="" type="checkbox"/> Gas	Wellbore Conditioning:
Well Orientation	<input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Deviated from Vertical (Top & Side views & Deviation Survey must be attached)	
Drill Method(s)	<input checked="" type="checkbox"/> Rotary - Air 40' <input checked="" type="checkbox"/> Rotary - Mud NA <input type="checkbox"/> Cable Tool <input type="checkbox"/> Other	
Drilling Started 08/30/2018	Surface Elev. 1211'	GW Depth NA
Drilling Complete 08/30/2018	True Vertical Depth 40'	Depth of DFGW NA
Date Well Completed NA	Total Measured Depth 40'	DFGW decided by: 1 & 5
Top Hole Drilling NA	Bottom Hole Drilling NA	

CEMENT

Cement returned on surface casing?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine: N/A	<input type="checkbox"/> NA
Cement returned on coal protective casing?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine: N/A	<input type="checkbox"/> NA
Cement returned on intermediate casing?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If No, provide depth to top of cement and method used to determine: N/A	<input type="checkbox"/> NA

Casing String	Type/Class of Cement (Lead/Tail)	Slurry Temp F°	Amount of Cement (sks) (Lead/Tail/Total)	WOC hrs	Wt PPG	Yd #/sk	Gas Migration Controls Used	
Conductor	NA / CLASS A	72°	0 / 83 / 83	72 +	Lead: N/A Tail: 15.60	Lead: N/A Tail: 1.18	What controls were used if any (additives/ hardware. Specify type and depth applicable).	
If additional strings attach form(s)			Total 83 sks					

CASING AND TUBING

Hole Size	Pipe Size	Wt. #/ft.	Grade Casing / Tubing Type	Thread / Weld - New/ Used	Amount in Well (ft.)	CO	R	Hardware - Baskets / Packer / Centralizers (Total/String)			Date Run
								Type	Size	Depth	
30	26	85.6	A-500	T - N	40'	US	Y	N/A	N/A	N/A	08/30/2019

If any casing is welded, provide the name(s) of the welder(s): N/A

PLUG-BACK/WELLBORE ALTERATION						
Fill Material & Plugs	Depth		Date	Casing & Tubing		
	From	To		Size	Pulled	Left

LOG OF FORMATIONS

Well API#: 37-125-28586-00-00

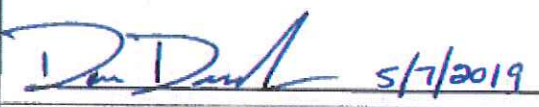
(If you will need more space than this page, please photocopy the blank form before filling it in.)

Formation Name or Lithology	Top (feet)	Bottom (feet)	Gas at (feet)	Oil at (feet)	Water at (fresh / brine; ft.)	Source of Data
SAND/SHALE	1	40				Geologist-Driller's Log

If no show of oil, gas or water, explain why: There were no noticeable gas or oil shows present while drilling the wellbore.

WELL SERVICE COMPANIES (Provide the name, address, and telephone number of all well service companies involved.)			
CASING SOURCE		CEMENTING	
Name MILLER SUPPLY	Name LIGHTNING ENERGY	Name	Name
Address 5484 RT 286 HWY EAST	Address PO BOX 580 104 HELIPOINT LOOP RD	Address	Address
City - State - Zip INDIANA, PA 15701	City - State - Zip BRIDGEPORT, WV 26330	City - State - Zip	City - State - Zip
Phone 724-465-8875	Phone 304-933-3416	Phone	Phone
Name	Name	Name	Name
Address	Address	Address	Address
City - State - Zip	City - State - Zip	City - State - Zip	City - State - Zip
Phone	Phone	Phone	Phone

I do hereby certify to the best of my knowledge, information and belief that the well identified on this Well Record has been properly cased and cemented in accordance with the requirements of 25 Pa. Code Chapter 78 and any conditions contained in the permit for this well. In addition, I do hereby certify that any casing which is attached to a blow-out preventer with a pressure rating greater than 3,000 psi has passed a pressure test in accordance with 25 Pa. Code §78.84(f). I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Driller		Well Operator's Signature		DEP USE ONLY	
Name	Rig	 Printed Name / Title: Mr. Daniel Doebereiner / Director of Drilling Date: 05/07/2019		Reviewed by:	
Address				Date:	
City - State - Zip				Comments:	
Phone					