

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

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Monday, March 22, 2021
WELL WORK PLUGGING PERMIT
Not Available Plugging

EQT PRODUCTION COMPANY 625 LIBERTY AVE., SUITE 1700 PITTSBURGH, PA 15222

Re: Permit approval for J. J. HELDRETH 633

47-033-03914-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

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

James A. Martin

Chief

Operator's Well Number: J. J. HELDRETH 633

Farm Name: JOSEPH, ALICE, ETAL

U.S. WELL NUMBER: 47-033-03914-00-00

Not Available Plugging Date Issued: 3/22/2021



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 within two years of the date of issuance of this permit.

WW-4B Rev: 2/01

1) Date December 30	2020
2) Operator's	
Well No. 651826JJH	leldreth #633
3) APT Well No. 47	- 033 - 03914

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

	Office of C	THE AND GAS
	APPLICATION FOR A PERM	
41	Well Type: Oil/ Gas X / Liquid	injection/ Waste disposal/
41	/If "Gas Production or Und	erground storage) Deep/ Shallow X
	(II Gas, IIodaecion or	
	1324	Watershed Jones Run
5)	Location: Elevation 1324'	County Harrison Quadrangle Wallace 7.5'
	District Eagle	County Maribon Quadrangie
		Joseph C. Mallow
6)	Well Operator EQT Production Company	7) Designated Agent Joseph O. Manow
	Address 400 Woodcliff Drive	Address 115 Professional Place
	Canonsburg PA 15317	Bridgeport WV 26330
01	Oil and Gas Inspector to be notified	9)Plugging Contractor
8)	Name Sam Ward	Name HydroCarbon Well Service
	Address PO Box 2327	Address PO Box 995
	Buckhannon, WV 26201	Buckhannon WV 26201
	Bucknamon, WV 20201	
	See Attachment for details and proced	dures.
	Office of Oil and	Gas
	JAN 1 3 20	
	2414 I 2 50	21
	WV Department Environmental Prot	of ection
CISCOLINA		
Not	ification must be given to the district of the can commence.	oil and gas inspector 24 hours before permitted
Wor	rk order approved by inspector	Mare att Date 1/7/21



State of West Birginia DEPARTMENT OF ENERGY

Gil und Cas Bivision

Date	November 10, 19	92
Opera	ntor's No. 633	:
	J. J. Heldreth	
-	10. 47 - 033 -	3914-X

WELL OPERATOR'S REPORT OF

			4 0	
			CONTRACT MOTIVE	OR PHYSTCAL CHANGE
DETTIME.	FRING	AND/UK	PITERITAL TIME.	OR PHYSICAL CHANGE
				•

WELL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production X / Underground CONTION: Elevation: 13221 Watershed Lig	ttle Run	Disposal/ Deep			
District: Eegle (中) County Harris	son Q	naorangre	Wallace		
	<u> </u>				
COMPANY Carnegie Natural Gas Company \$150					
ADDRESS 800 Regis Ave., Pittsburgh, PA 15236	Caging	Used in	Left	Cement fill up	
DESIGNATED AGENT J. C. Stephenson	Tubing	Drilling	in Well	Cu. ft.	
ADDRESS P.O. Box 387, Mannington, WV 26582	Size				
SURFACE OWNER Alice Joseph	20-16 Cond.				•
ADDRESS Shinnston, WV 26431	13-:10"				
MINERAL RIGHTS CANER Alice Joseph, et al	9 5/8				
ADDRESS Shinnston, WV 26431	**************************************	10581			
OIL AND GAS INSPECTOR FOR THIS WORK Tim	76 5/8	1901'	1901'		
Bennett ADDRESS Weston, WV 26452	5 3/16	20741	20741		ı
PERMIT ISSUED Pre-Act Well	4 1/2				
DRITLING COMPENCED July 31, 1916	3				Shvin J.
DRILING COMPLETED January 10, 1917	2		30571		TOND Z OF
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REMORKING. VERBAL PERMISSION OBTAINED	Liners used				Office of Oil and Gas JAN 1 3 2021 WV Department of Environmental Protection
ON	<u> </u>		otih 3	100 feet	Cas 21 otec
GEOLOGICAL TARGET FORMATION Fifth Sand					tion
	Rotary				
	Salt 174			e area? No	
Coal seam depths: 752'-757'	_ Is coal:	pering arr		- W.C.	<i>,</i>
OPEN FLOW DATA			_		
Producing formation 30 Foot		y zone de			
Gas: Initial open flow Mcf/d		itial ope		Bb1/d	
Final open flow Mcf/d	Fi			Bbl/d	
Time of open flow between ini-	tial and f	inal test	S!	nouics ours shut in	50w
Static rock pressurepsig(surfa		ment) art	ern	Mrs sinc m	1 9 12
(If applicable due to multiple completio	n)	As	mt-h	feet	. 170
Second producing formation		y zone de		Bbl/d	_
Gas: Initial open flow Mcf/d	011: 11	inel amon	ei mor	Bbl./c	_
	Oil: F			hours	-
Time of open flow between ini	tial and	mant) = ft	or h		1
Static rock pressurepsig(surface	z measure				
		(Con	tirue on	reverse side	03/26/2021

PLUGGING PROGNOSIS Heldreth W-633

API # 47-033-03914 Harrison Co., WV District, Eagle Quad, Wallace

Prepared by:

Jeff Mast 9/18/17

Revised 01/07/21

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WW Department of Environmental Protection

Elevation @ 1322'

Current Status:

8 1/4" csg

@ 1058' (Pulled)

6 5/8" csg

@ 1901'

5 3/16" csg

@ 2074'

2" tbg

@ 3057'

TD @ 3057'

FW @ None Reported

SW @ 1740'

1st Salt Sand (1550'- 1590')

Coal @ 752'- 757'

Gas Shows @ Big Injun (2070'-2170'), 30 Ft. Sand (2705'-2759')

Oil Shows @ None Reported

Completion: 30 Ft. Sand

- 1.) Notify State Inspector, Sam Ward 304-389-7583, 24 hrs prior to commencing operations.
- 2.) TIH wireline, find tubing packer and TD.
- 3.) TIH and cut tubing on top of packer. TOOH tubing.
- 4.) TIH and spot 45 bbl. of 6% gelled water followed by a 300' C1A cement plug.

FROM 3057' TO 2757'

- 5.) WOC 8 hrs. Tag TOC, add additional C1A cement if necessary.
- 6.) TIH w/ tbg @ 2705'; Set 100' C1A Cement Plug @ 2705' to 2605'. (30 Ft. Sand Gas Show)
- 7.) TOOH w/ tbg @ 2605'; Gel Hole @ 2605' to 2124'.
- 8.) TOOH w/tbg @ 2124'; Set 154' CIA Cement Plug @ 2124' to 1970'. (5 3/16" csg st., Big Injun Gas Show)
- 9.) TOOH w/ tbg, free point 5 3/16", cut 5 3/16" csg @ free point, TOOH w/ 5 3/16" csg.
- 10.) Set a 100' C1A cement plug 50' in/out of cut. Perf all Sw, Fw, Coal, and Gas shows below 5 3/16" csg cut. Do not omit any plugs.
- 11.) TOOH w/ tbg @ 1970'; Set 119' C1A Cement Plug @ 1970' to 1851'. (6 5/8" csg st.)
- 12.) TOOH w/ tbg, free point 6 5/8", cut 6 5/8" csg @ free point, TOOH w/ 6 5/8" csg.
- 13.) Set a 100' C1A cement plug 50' in/out of cut. Perf all Sw, Fw, Coal, and Gas shows below 6 5/8" csg cut. Do not omit any plugs
- 14.) TOOH w/ tbg @ 1851'; Gel Hole @ 1851' to 1600'.
- 15.) TOOH w/ tbg @ 1600'; Set 150' C1A Cement Plug @ 1600' to 1450. (1st Salt Sand)
- 16.) TOOH w/ tbg @ 1450'; Gel Hole @ 1450' to 1098'.
- 17.) TOOH w/ tbg @ 1098'; Set 100' C1A Cement Plug @ 1098' to 998'. (8 1/4" csg st.)
- 18.) TOOH w/ tbg @ 998'; Gel Hole @ 998' to 807'.
- 19.) TOOH w/ tbg @ 807'; Set 100' C1A Cement Plug @ 807' to 707'. (Coal Show)
- 20.) TOOH w/ tbg @ 707'; Gel Hole @ 707' to 300'.
- 21.) TOOH w/ tbg @ 300'; Set 300' C1A Cement Plug to Surface.
- 22.) Top off as needed.
- 23.) Erect monument with API#, date plugged, & company name.
- 24.) Reclaim Location & Road to WV-DEP Specifications

5 A W

The original total depth of this well was 2731'. A drill down was commenced on December 13, 1920, and completed on March 12, 1921. The present total depth is 3057'.

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Pittsburgh Coal Murphy Sand Little Dunkard Gas Sand let Salt Sand 2nd Salt Sand 3rd Salt Sand Maxton Sand Little Lime Pencil Cave Big Lime Big Injun 50 Foot Sand Boulder Sand Gordon Stray Gordon Sand Fourth Sand Sand Fifth Sand	752 870 1135 1460 1550 1620 1690 1870 1985 1995 2005 2070 2673 2705 2775 2811 2834 2865 2908 3008	757 900 1150 1468 1590 1660 1810 1910 1995 2005 2070 2170 2693 2759 2790 2823 2842 2899 2930 3010	Salt Water @ 1740' Gas @ 2110' Gas @ 2710' and 2756' Office of Oil and Gas JAN 1 3 2021 WV Department of Environmental Protection
RECEIVED Gas ce of Oil and Gas			

Offi JAN 13 ZUZI

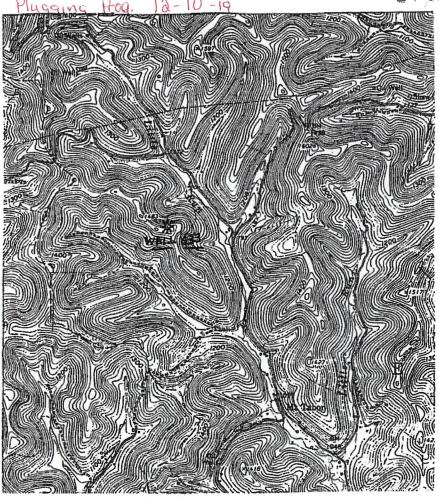
Control of a factorist

(Attach separate sheets as necessary)

CARNEGIE NATURAL GAS COMPANY	
Well Operator	-
By: Kenneth H. Wenny	
Dates: November 10, 1992 0	

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."



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JAN 1 3 2021

(+) DENOTES LOCATION OF WELL C	ON UNITED STATES TOPOGRAPHIC MAPS WV Department of
FILE NO DRAWING NO SCALE MINIMUM DEGREE OF ACCURACY PROVEN SOURCE OF ELEVATION	I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGU- LATIONS ISSUED AND PRESCRIBED BY THE DEPART- MENT OF ENERGY. (SIGNED)
	PLACE SEAL HERE
STATE OF WEST VIRGII DEPARTMENT OF ENERGY DIVISION OF OIL AND GA	OPERATOR'S WELL NO
WELL TYPE: OILGAS_X_LIQUID IN	NJECTION WASTE DISPOSAL STATE COUNTY PERMIT
UE "GAS ") PRODUCTION	IX STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1322	WATER SHED Little Run
DISTRICT Lagre OUADRANGLE Walla	COUNTY Harrison
SURFACEOWNER Alice Josep	h ACREAGE 105 Z
OIL & GAS BOYALTY OWNER ALIC	e Joseph, et al IFASFACHFAGF 105
	LEASE NO. 4573
PROPOSED WORK: DRILL X_CONVERT	TDRILL DEEPERREDRILLFRACTURE OR
	LUG OFF OLD FORMATIONPERFORATE NEW
FORMATIONO	THER PHYSICAL CHANGE IN WELL (SPECIFY)
PLUG AND ABANDONCLEAN	OUT AND REPLIE
TARGET FORMATION Fifth Sand	ESTIMATED DEPTH 3100'
WELL OPERATOR Carnegie Natura	al Gas Company DESIGNATED AGENT J. C. Stephenson 03/26/202 ttsburgh, PA 15236 ADDRESS P.O. Box 387, Mannington, WV 26582
Annness 800 Regis Ave., Pi	ttsburgh, PA 15236 ADDRESS P.O. Box 387, Mannington, WV 26582

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WW-4A Revised 6-07 JAN 1 3 2021

WV Department of Environmental Protection

)	Date:	December	30,	20
		Decimal Constant of the Cons		-

2) Operator's Well Number 651826 J J Heldreth #633

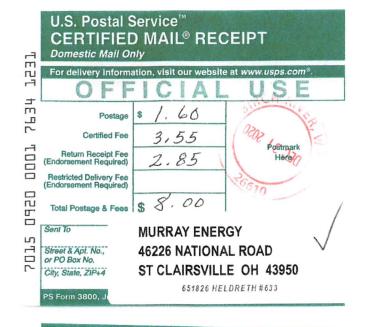
3) API Well No.: 47 -

033 - 03914

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

,	ner(s) to be served:	5) (á) Coal Operator	
(a) Name	Jamie C Barr	/	Name	
Address	7083 Jones Run Rd	*	Address	
	Lumberport, WV 26386			
(b) Name			(b) Coal Ow	ner(s) with Declaration
Address			Name	Murray Energy ✓
			Address	46226 National Rd
				St. Clairsville, OH 43950
(c) Name			Name	
Address			Address	
6) Inspector	Sam Ward		(a) Carl I ar	see with Declaration
Address	PO Box 2327		wine.	see with Deciaration
Address			_ Name	
T-11	Buckhannon, WV 26201		Address	
Telephone	304-389-7583		or common	
TO THE DE	DCONG MAME	DADOVE		ived this Form and the following documents:
			Form WW-4B, which	sets out the parties involved in the work and describes the
	its and the plugging wor		E HOU 6	
(2) The j	olat (surveyor's map) sh	owing the well location	on on Form WW-6.	
			hts regarding the applica	ation which are summarized in the instructions on the reverses side.
However, y	ou are not required to take	any action at all		
Take notice	that under Chanter 22-6 o	of the West Virginia Cod	e. the undersigned well of	operator proposes to file or has filed this Notice and Application and
accompany	ing documents for a permit	to plug and abandon a v	vell 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 or	the attached Application	on and depicted on the attached Form WW-6. Copies of this Notice,
	umstances) on or before the			ivered by hand to the person(s) named above (or by publication in
certain circ	difficulty of or before the	day or maning or derive	., 10 1110	
Alexander and the second secon				
		Well Operator	EQT Production Comp	any
	Notes Cont	By:	Erin Spine	
Commonwealth of Penni Rebecca Shrum,	Notary Public	Its:	Supervisor - Subsurfac	e Permitting
Reaver	County	Address	400 Woodcliff Drive	
My commission expi	res March 9, 2024		Canonsburg PA 15317	
Commission nur Member, Pennsylvania A	ssociation of Notaries	Telephone	(724) 271-7380	
Member, Pennsylvania		-		
Subscribed and	sworn before me th	is 30th de	av of Decemb	THE 3020
Subscribed and	Neberer 1	1		Notary Public
My Commission	1	Varch 9 20.	24	The state of the s
		100		
Oil and Gas Priva	cy 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 depprivacyoffier@wv.gov.



Office of Oil and Gas
JAN 1 3 2021

WV Department of Environmental Protection



WW-9 (5/16)

API Number 47 - 033 .03914 Operator's Well No. 651826 J J Heldreth #633

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

Teeles Certifies sistems	
Operator Name EQT Production Company	OP Code 306686
Watershed (HUC 10) Jones Run Qua	
Do you anticipate using more than 5.000 bbls of water to complete the p Will a pit be used? Yes No	roposed well work? Yes No V
If so, please describe anticipated pit waste: Will a synthetic liner be used in the pit? Yes No	If so, what ml?
] If so, what m1?
Proposed Disposal Method For Treated Pit Wastes: Land Application (if selected provide a comp	loted form WW.9.GPP)
Underground Injection (UIC Permit Number	
Off Site Disposal (Supply form WW-9 for di Other (Explain	sposal location)
Will closed loop systembe used? If so, describe:	RECEIVED Office of Oil and Gas
Drilling medium anticipated for this well (vertical and horizontal)? Air. -If oil based, what type? Synthetic, petroleum, etc.	JAN 13/11/1
Additives to be used in drilling medium?	WV Department of Environmental Protection
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, or	Environmental Protection
-If left in pit and plan to solidify what medium will be used? (
-If left in pit and plan to soliday what needlan was be used. (-Landfill or offsite name/permit number?	
Permittee shall provide written notice to the Office of Oil and Cas of ar West Virginia solid waste facility. The notice shall be provided within I where it was properly disposed.	y load of drill cuttings or associated waste rejected at any 24 hours of rejection and the permittee shall also disclose
I certify that I understand and agree to the terms and condition on April 1, 2016, by the Office of Oil and Gas of the West Virginia Deprovisions of the permit are enforceable by law. Violations of any term or regulation can lead to enforcement action. I certify under penalty of law that I have personally eximin application form and all attachments thereto and that, based on my inquite information. I believe that the information is true, accurate, and is submitting false information, including the possibility of fine or imprise Company Official Signature Company Official Title Supervisor - Subsurface Permitting	or condition of the general permit and/or other applicable law ed and am familiar with the information submitted on this iry of those individuals immediately responsible for obtaining complete. I am aware that there are significant penalties for
Subscribed and swom before me this 30th day of Dece	Commonwealth of Pennsylvania - Notary Sea Rebacca Shrum, Notary Public Beaver County Notary Public My commission expires March 9, 2024 Commission number 1267706 Member, Pennsylvania Association of Notaries
My commission expires March 1, 2007	

EQT Production Water plan Offsite disposals

Waste Management - Meadowfill Landfill

Rt. 2, Box 68 Dawson Drive Bridgeport, WV 26330 304-326-6027 Permit #SWF-1032-98 Approval #100785WV

Waste Management - Northwestern Landfill

512 E. Dry Road Parkersburg, WV 26104 304-428-0602 Permit #SWF-1025 WV-0109400 Approval #100833WV

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JAN 1 3 2021

WV Department of Environmental Protection

Operator's Well No.__651826 J J Heldreth #633____

			·
Lime 3	Tons/acre or to correct	t to pH 6.5	
Fertilizer type (10	0-20-20) or equivalent		
Fertilizer amount_1	/3 ton	lbs/acre	
Mulch_2		_Tons/acre	
		Seed Mixtures	
Te	emporary	Perma	nent
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Aslike Clover	5	Aslike Clover	5
Annual Rye	15		
provided). If water from the (L, W), and area in acres, or	e pit will be land applied, pro	d application (unless engineered plans incluovide water volume, include dimensions (L.	iding this info have been, W, D) of the pit, and
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, or Photocopied section of involved	e pit will be land applied, profite land application area.	ovide water volume, include dimensions (L.	, W, D) of the pit, and
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, of Photocopied section of involved Plan Approved by:	e pit will be land applied, profite land application area.	ovide water volume, include dimensions (L	, W, D) of the pit, and
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, of Photocopied section of involved Plan Approved by:	e pit will be land applied, profithe land application area. olved 7.5' topographic sheet.	ovide water volume, include dimensions (L	, W, D) of the pit, and
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, or Photocopied section of involved Plan Approved by:	e pit will be land applied, profithe land application area. olved 7.5' topographic sheet.	ovide water volume, include dimensions (L	D nd Gas
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, or Photocopied section of involved Plan Approved by:	e pit will be land applied, profithe land application area. olved 7.5' topographic sheet.	nclude dimensions (L.) RECEIVE Office of Oil at	Dend Gas
Maps(s) of road, location, provided). If water from the (L, W), and area in acres, or Photocopied section of involved Plan Approved by:	e pit will be land applied, profithe land application area. olved 7.5' topographic sheet.	nclude dimensions (L.)	Dend Gas
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Maps(s) of road, location, provided). If water from the (L, W), and area in acres, or Photocopied section of involved Plan Approved by:	e pit will be land applied, profithe land application area. olved 7.5' topographic sheet.	nclude dimensions (L.) RECEIVE Office of Oil at	Dend Gas

03/26/2021

Topo Quad: _	Wallace 7.5'	Scale:	1" = 2000'		
County:	Harrison	Date:	December 10, 2	2020	
District:	Eagle	Project No	o:70-36-00-08		,
	47-033-03914 WV 65	51826 (J.	J. Heldretl	n #633)	Торо
The CO RTE 4	Office of Oil and Gas JAN 1 3 2021 EWV Department of Environmental Protection Torus 1300	1500	87	ndian Run	Shaw Cem BIG INDIAN RUNOUT
LA CREEK	47-033-03 WV 6518		CO RTE 6 3	LITTLE RUN RD	1400 1400 1400 1400 1400 1400 1400 1400
1200	TOO ATE DO! AT	1400 1200	Mount Tabor	NAD 27, I N:339988 E:173409	
	1100 AT 1400	OUNT TABOR-CATOR	Tuo Tuo	WGS 84 LAT:39.42 LONG:-80 ELEV:132	0.441190
LEGHEN O	SURVEYING AND MAPPING SERVICES PER ALLEGHENY SURVE 1-800-482-8606 237 Birch River Road Birch River, WV 26610 PH: (304) 649-8606 FAX: (304) 649-8608			Voodcliff Drive sburg, PA 15317	<i>mpany</i>



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

API: 47-033-03914 WELL NO.: WV 651826 (J. J. Heldreth #633)
FARM NAME: _ J. J. Heldreth
RESPONSIBLE PARTY NAME: EQT Production Company
COUNTY: Harrison DISTRICT: Eagle
QUADRANGLE: Wallace 7.5'
SURFACE OWNER: Jamie C. Barr
ROYALTY OWNER: Murray Energy Corporation
UTM GPS NORTHING: 4364763
UTM GPS EASTING: 547984.3 GPS ELEVATION: 403m (1324ft)
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 Real-Time Differential 4. Letter size copy of the topography map showing the well location. I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.
Signature Title Date



Site Pictures J. J. Heldreth #633 WV 651826 47-033-03914



WV 651826 Well ID Sign



WV 651826 Well Pad Site

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Office of Oil and Gas

JAN 1 3 2021

WV Department of Environmental Protection

BIRCH RIVER OFFICE

237 Birch River Road Birch River, WV 26610 phone: 304-649-8606 fax: 304-649-8608

BRIDGEPORT OFFICE

172 Thompson Drive Bridgeport, WV 26330 phone: 304-848-5035 fax: 304-848-5037

CHARLESTON OFFICE

301 RHL Boulevard - Suite 5 Charleston, WV 25309 phone: 304-756-2949 fax: 304-756-2948



400 Woodcliff Dr | Canonsburg, PA 15317 www.eqt.com

Via Email

January 11, 2021

West Virginia Department of Environmental Protection Office of Oil and Gas Attn: Jeff McLaughlin 601 57th Street, SE Charleston, WV 25304

RE:

Application for a Permit to Plug & Abandon 651826 J J Heldreth #633 API 47-033-03914 Eagle District, Harrison County, WV

WVDEP Recipient,

Attached is EQT Production Company's application for a permit to plug and abandon for the well referenced above.

EQT Production trusts that if any portion of the submitted documentation is found to be inadequate for processing the permit, notification will be made to our land department at your earliest convenience. It is EQT Production's intent to cooperate fully to provide any additional requested documentation and clarification in a timely manner such that permitting proceeds in a predictable and logical manner.

Sincerely,

Becky Shrum
Project Specialist - Permitting
bshrum@eqt.com
724-271-7314

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Office of Oil and Gas

JAN 1 3 2021

WV Department of Environmental Protection