

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

Austin Caperton, Cabinet Secretary www.dep.wv.gov

Friday, December 4, 2020
WELL WORK PLUGGING PERMIT
Vertical Plugging

ENERVEST OPERATING, L.L.C., A LIMITED LIABILITY COMPANY 1001 FANNIN STREET SUITE 800 HOUSTON, TX 77002

Re: Permit approval for 10 47-013-00406-00-00

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: 10

Farm Name: HARDMAN, ALLEN

U.S. WELL NUMBER: 47-013-00406-00-00

Vertical Plugging
Date Issued: 12/4/2020



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 October 0	1	2020
2) Operator's		
Well No. Hardma	an, A. #10	
3) API Well No.	47-013	- 00406

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

	APPLICATION FOR A PERM	MIT TO PLUG AND ABANDON
4)	Well Type: Oil/ Gas X / Liquid	d injection/ Waste disposal/
	(If "Gas, Production X or Und	derground storage) Deep/ Shallow
5)	Location: Elevation 1007.27'	Watershed Middle Little Kanawha River
	District Center	County Calhoun Quadrangle Arnoldsburg
6)	Well Operator EnerVest Operating LLC	7) Designated Agent Steve Downey
0 /	Address 300 Capitol St. E., Ste 200	AddressSame
	Charleston, WV 25301	
8)	Oil and Gas Inspector to be notified Name Joe Taylor	9) Plugging Contractor Name To be determined
	Address 1478 Claylick Road	Address
	Ripley, WV 25271	
		Office of Oil and Gas
		NOV 1 8 2020
		WV Department of Environmental Protection
	fication must be given to the district oi can commence.	1 and gas inspector 24 hours before permitted
		18
Work	order approved by inspector	Date 11-17-26
	///	

Hardman, A. #10 47-013-00406 Elevation: 1007' GL Latitude: 38.914595

Longitude: -81.133809

Hardman, A. #10 Well Data

Casing:

7" 20 ppf Csg @ 1896' GL - Set on shoe

Tubing:

2" @ 2068' GL - Set on anchor packer @ 1967'

TD:

2070'

Latch Down:

N/A

Perforations:

F/ 2042' - T/ 2032' GL

Coal:

280' - 282'

Fresh Water Shows:

90'

Salt Water Shows:

970', 1730

Gas/Oil Shows

1639', 1704', 2021'

Hardman, A. #10 Procedure:

- 1. Notify State Inspector, Joe Taylor (304)-380-7469 <u>Joseph.D.Taylor@wv.gov</u>, 24 hours prior to commencing operations.
- 2. Prep Hardman, A. #10 location.
- 3. MIRU service rig, steel pits, work string of 3000' 2-3/8" EUE tbg, and other ancillary equipment.
- 4. Attempt to pull 2" tbg.

SPOT GEL INTO SHOT HOLE. OF M

a. If successful, set first cement plug 2012' – 1812'.

RECEIVED
Office of Oil and Gas

- b. TOOH to 1600', WOC 8 hrs, RIH & tag plug, add cement if needed.
- c. Spot 6% gel from TOC to 50' above location of next cement plug.
- c. Spot on german roe to so above location of next center
- NOV 1 8 2020

d. Continue operations at step 10.

- 5. If unsuccessful, perform csg Freepoint test on 2" and record.
- 6. Rip 2" tbg @ freepoint and POOH.

WV Department of Environmental Protection

- 7. TIH w/ 2-3/8" work string and set 200' cement plug just above where 2" pipe was severed.
- 8. TOOH 200' above cement plug, WOC 8 hrs, RIH & tag plug, add cement if needed.
- 9. Spot 6% gel from TOC to to 50' above location of next cement plug.
- 10. Perform csg Freepoint test on 7" and record depth.
- 11. 7" Casing will be ripped and removed from well bore where free. (Recommended to set plugs listed in steps "b" and "c" below prior to removing 7", with there being no freshwater pipe present.) The following cement plugs set will be set, with the order depending on where casing is free and able to be removed. Cement plugs will be tagged 8 hrs after pumping, with 6% gel spotted between each plug. Plugs can be combined if rip location is similar to other plugs listed.
 - a. 100' plug across from casing rip, 50' below and 50' above rip.
 - b. 100' plug F/ 1620' T/ 1520'. Perforations are required at 1620' if csg is still present.
 - c. 150' plug F/ 1020' T/ 870'. Perforations are required at 1020' if csg is still present.
 - 100' plug F/ 100' T/ Surface (Surface Plug). Perforations are required at 100' if 7" csg is still present.
- 12. Erect a monument to WV DEP specifications (CSR 35-4-5.5 sub "b").
- 13. Reclaim location and roads to WV DEP Specifications.

FORM W3—2M—5-1-34		<i>)</i>				1 1 2	Salar Salar	ABOT.			1 106141997
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Ca	lhoun				County		13	20 71-1			Volume 7 35 M. Cu. f
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STATE OF WEST VIRGINIA DEPARTMENT OF MINES



Oil and Gas Division

OIL & GAS DIVISION DEPT OF MINES

OIL AND GAS WELL PERMIT APPLICATION

TO THE DEPARTMENT OF MINES,		
Charleston, W. Va.	DATE June 15, 1972	- ·
Surface Owner	Company Cabot Corporation	
Address	Address Box 1473, Charleston, W.Va. 25325	.
Mineral Owner Cabot Corporation	Farm Allen Hardman Acres 1016	- ,
Address Box 1473, Charleston, W.Va. 25325	Location (waters) Bee Creek	 → :
Coal Owner	Well No. 10, Serial 906 Elevation 1027	.
Address	District Center County Calhoun	_
Coal Operator None	Quadrangle Arnoldsburg	_
Address		
THIS PERMIT MUST BE POSTED AT THE WELL SITE		
All provisions being in accordance with Compte	er 22,	
of the W. Va. Code, the location is berely app		
for <u>fracturing</u> This permit shall expi operations have not consequed by 10-19-72	ire ii	
The House	THE DECEMOR OF DE MONTETER W. W. 11.1.	•
Injury Elector - Oil & Gas bivinion	INSPECTOR TO BE NOTIFIED H. Hellida	<u>IV</u>
	Grantsville, WV. PH: 354-6145	
GENTLEMEN:	St.	
Miles and desired and a series of the series		
	ne above named farm or tract of land for oil and gas, having fe	e
title thereto, (or as the case may be) under grant or ***********************************	eed February 10 19 03 by Allen	ee <u> </u>
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*SECTION 3.... If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

BLANKET BOND

CAL-406 -FRAC. PERMIT NUMBER
Blanket Bond

47-013-00406 THIS IS AN ESTIMATE ONLY THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO			FRACTURE-STIMULATE	
DRILLING CONTRACTOR: (I	I Known)	RESPONSIBLE AGE	44	
		NAME Percy C		
ADDRESS			arleston National Plaza	
		TELEPHONE342-		
ESTIMATED DEPTH OF COMP	the contract of the contract o	ROTARY	CABLE TOOLSX	
PROPOSED GEOLOGICAL FOR				
TYPE OF WELL: OIL	GAS_X CC	and the first of the second	the first and the first term of the first term o	. V ₹
TENTATIVE CASING PROGRA		IGWATER F	LOODOTHER	4 (1977) 12 - 1978 1978 1988
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.	
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33 - 10 - 3/4"	329	0		
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8 - 5/8	1102	0		
7	1896	1896		,¥.,
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3			Perf. Top 2033	•
2		2068	Perf. Bottom 2043	• ,
Liners			Perf. Top	•
			Perf. Bottom	
		<u> </u>		ur és
APPROXIMATE FRESH WATER		SALT WATE	R 970 FEET	
APPROXIMATE COAL DEPTHS	None	 , 		
IS COAL BEING MINED IN T	HE AREA? No	BY WHOM?		
TO DRILL:	e e e e e e e e e e e e e e e e e e e			
SUBMIT FIVE (5) COPIES OF PLAT.	S OF OG - 1, \$100.00 PERMIT	FEE, PERFORMANCE	BOND AND PERMANENT COPY	
TO DRILL DEEPER OR REDRI				
SUBMIT FIVE (5) COPIES	OF OG - 1, SHOWING ORIGIN TO 1929 A PERMANENT CO		AND PERFORMANCE BOND. ON D THE ORIGINAL WELL RECORD	
TO FRACTURE - STIMULATE:				
	ORIGINALLY DRILLED BEFOR T AND ORIGINAL WELL RECO		5) COPIES OG - 1, PERFORMANCE	
	ORIGINALLY DRILLED ON AN UMBER AND PERFORMANCE		1929, FIVE COPIES OG - 1, SHOW-	
Required forms must be fil	led within ninety (90) days of co	ompletion for bond relea	se. Inspector to be notified twenty-	
four (24) hours in advance				RECEIVED Office of Oil and Ga
				NOV 1 8 2020
			he instead within ten days of receipt	
The following waiver must thereof.	be completed by the coal oper	ator if the permit is to	be issued within ten days of receipt	WV Department of Environmental Protection
WAIVER: I the undersigned, A this lease have exam	gent forined and place on our mine ma			. Totaciic
We the	Coal Company h	nave no objections to said	d well being drilled at this location,	
			nd 7, Chapter 22 of the West Virginia	
				<i>y</i> *
			For Coal Company	
			Official Title	- -

FORM OG-2

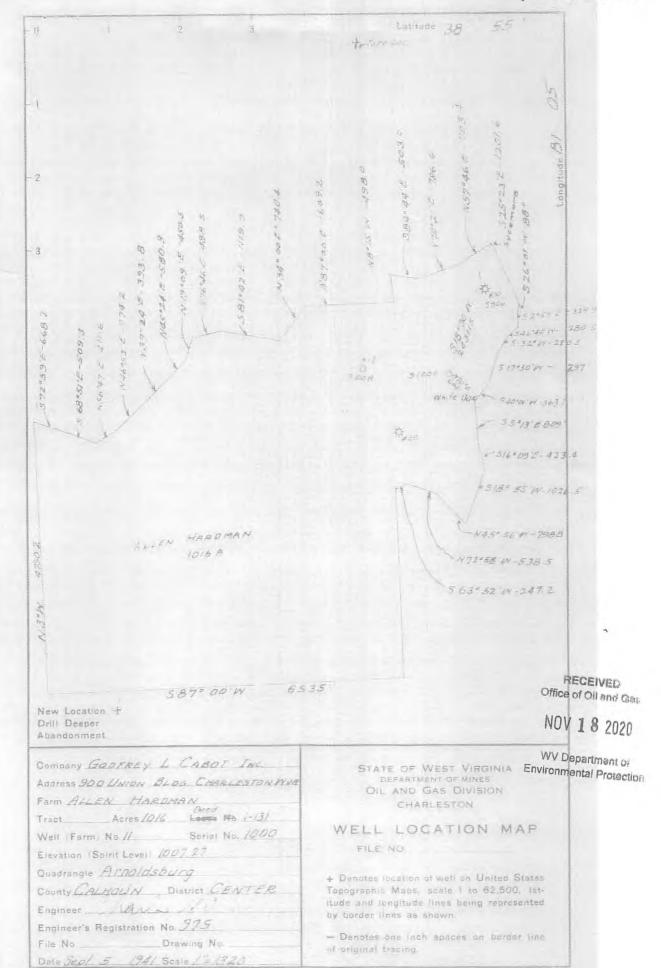
STATE OF WEST VIRGINIA

DEPARTMENT OF MINES OIL AND GAS DIVISION

WELL DRILLING PERMIT

		Per	mit No. CAL - 406
		May 3,	,19_37_
	3		RECENTER
			Office of Oll and tank
TO Godfrey	L. Cabot, Inc.,	LOCATION OF WELL:	
	WELL OPERATOR		NOV 1 8 2020
Union Bu	il ding	Center	WV Department of Environmental Protection
	STREET		annal Protection
Charlest	on, West Virginia	Calhoun	COUNTY
	CITY		
		WELL NO. 906	
		Allen Hardman	FARM
		ice and Plat of the Well described above	
A	pril , 19 <u>37</u> , s	howing proposed location for drilling an	oil or gas well.
Ten days hav	ving expired since the receipt of	Notice and Plat and no objections had Mines, the location is approved and pe	aving been made by the
to drill strictly in	accordance with the several pr	ovisions of Chapter 22, Code of 1931, t	the Well to be numbered
and located as abo	ove shown and more particularly	as indicated on the Plat on file with the	nis Department.
This Downit	ia aggiomable aither by aireit		
or of the right to	is assignable either by separate of drill therefor at said location.	e instrument, or incident to the transfer of but no such assignment shall entitle the	or title to the oil and gas,
until he shall have	e filed with the Department of M	fines a certified, or sworn copy of the in	strument assigning same,
or as an incident	to which such assignment wa	s made.	

In case the well is not commenced within four months from the above date, this Permit shall expire and be of no further force or effect.





Select County: (013) Calhoun Select datatypes: (Check All) ☑ Producti Ptugging Location Enter Permit #: 0406 Owner/Comp ☑ Stratigraphy ☑ Sample Get Data Pay/Show/Water ☑ Logs M Btm Hole Lo Table Descriptions
County Code Translations
Permit-Numbering Series
Usage Notes
Contact Information
Disclaimer
WVGES Main
"Pipeline-Plus" New

WV Geological & Economic Survey

Well: County = 13 Permit = 0406

Report Time: Thursday, June 04, 2020 1:45:19 PM

Location Information: View Map

API COUNTY PERMIT TAX_DISTRICT QUAD_75 QUAD_16 LAT_DD LON_DD UTME UTMN
4701300406 Calhoun 406 Center Annamoriah Annahodisburg 38.914595 -81.133809 488399.3 4307307.7 4701300406 Calhoun 406

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 4701300406 7/-1938 Original Loc Completed Allen Hardman 10 906 Cabot Oil & Gas Corp. 4701300408 7/-1972 Worked Over Completed Allen Hardman 10 906 Cabot Oil & Gas Corp.

ELEV DATUM FIELD

1027 Ground Level Grntsvl-Amldbg

1027 Ground Level Grntsvl-Arnldbg API CMP_DT SPUD_DT ELEV DATUM 4701300406 7/-/1938 -/-- 1027 Ground I 4701300406 7/-/1972 -/-- 1027 Ground I DEEPEST_FMT INITIAL_CLASS FINAL_CLASS TYPE
Price Fm & equivs Development Well Development Well Gas w/ Oil Show
Big Injun (Grnbr) Development Well Development Well Gas w/ Oil Show CMP_MTHD TVD TMD NEW_FTG KOD G_E

4701300406 Enervest Operating, LLC

Pay/5	now	water in	rormation												
API		CMP_DT	ACTIVITY	PRODUCT	SECTION	DEPTH_TOP	FM_TOP	DEPTH_BOT	FM_BOT	G_BEF	G_AFT	O_BEF	O_AFT	WATER_	QNTY
47013	00406	7/-/1972	Water	Fresh Water	Vertical			90							0
47013	00406	7/-/1972	Water	Salt Water	Vertical			970							0
47013	00406	7/-/1938	Water	Salt Water	Vertical			1730							0
47013	00406	7/-/1938	Pay	Gas	Vertical			2021	Big Injun (Grnbr)	0	0				
47012	00408	7/ /4072	Day	Gos	Vortical			2021	Die Iniun (Grahr)	Λ.	Λ.				

| Production | Gas Information: (Volumes in Mcf) | * 2019 data for H6A wells only. Other wells are incomplete at this time. | Production | Gas Information: (Volumes in Mcf) | * 2019 data for H6A wells only. Other wells are incomplete at this time. | Production | Gas Corp. | PRD_YEAR | ANN_GAS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DCM | A701300406 | Cabot Oil & Gas Corp. | 1980 | 1,121 | May | 1,734 | May | May

Production Oil Information: (Volumes in BbI) ** son
API PRODUCING_OPERATOR
4701300406 Cabot Oil & Gas Corp.
4701300406 Cabot Oil & Gas of West Virginia (COGC of WV)
4701300408 Cabot Oil & Gas of West Virginia (COGC of WV)
4701300408 Cabot Oil & Gas of West Virginia (COGC of WV)
4701300408 Cabot Oil & Gas of West Virginia (COGC of WV)
4701300408 Cabot Oil & Gas of West Virginia (COGC of WV)
4701300408 Cabot Oil & Gas Corp.
4701300408 Cabot Oil & Gas Corp.
4701300406 Eabot Oil & Gas Corp.
4701300406 Enervest Operating, LLC
4701300406 Enervest Operating, LLC 53 2011 2014

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NOV 1 8 2020

WV Department of Environmental Protection

Production NGL Information: (Volumes in Bbl) ** some operators may have reported NGL under Oil * 2019 data for H6A wells only. Other wells are incomplete at this time.

API	PRODUCING_OPERATOR	PRD_YEAR	ANN_NGL	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DCM
4701300406	Enervest Operating, LLC	2014	_ 0	0	0	0	0	0	0	0	0	0	0	0	0
4701300406	Enervest Operating, LLC	2015	0	0	0	0	0	0	0	0	0	0	0	0	0
4701300406	Enervest Operating, LLC	2016	0												ļ

Production Water Information: (Volumes in Gallons) * 2019 data for H6A wells only. Other wells are incomplete at this time.

APP PRODUCING_OPERATOR PRO_YEAR ANN_WTR JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DCM

API PRODUCING_OPERATY
4701300406 Enervest Operating, LLC
4701300406 Enervest Operating, LLC 2018

Stratigraphy Information:

API SUFFIX FM	FM_QUALITY	DEPTH_TOP	DEPTH_QUALITY	THICKNESS	THICKNESS_QUALITY	ELEV	DATUM
4701300406 Worked Over Salt Sands (undi	f) Well Record	1670	Reasonable	70	Reasonable	1027	Ground Level
4701300406 Worked Over Little Lime	Well Record	1838	Reasonable	22	Reasonable	1027	Ground Level
4701300406 Worked Over Pencil Cave	Weil Record	1860	Reasonable	12	Reasonable	1027	Ground Level

4701300406	Worked Over	Blue Monday	Well Record	1872	Reasonable	13	Reasonable	1027	Ground Level
4701300406	Worked Over	Big Lime	Well Record	1885	Reasonable	77	Reasonable	1027	Ground Level
4701300406	Worked Over	Greenbrier Group	Well Record	1885	Reasonable	77	Reasonable	1027	Ground Level
4701300406	Worked Over	Big Injun (Grnbr)	Well Record	1962	Reasonable	64	Reasonable	1027	Ground Level
4701300406	Worked Over	Price Fm & equivs	Well Record	2026	Reasonable	44	Reasonable	1027	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

RECEIVED
Office of Oil Britishing

NOV 18 700 1

WV Department o. Environmental Protection 11/10/2016

PLUGGING PERMIT CHECKLIST

Pluggi	ng Permit
1	WW-4B
1	WW-4B signed by inspector
	WW-4A
	SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERITFIED MAIL
	COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
7	WW-9 PAGE 1 (NOTARIZED)
	WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
	WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
	RECENT MYLAR PLAT OR WW-7
	WELL RECORDS/COMPLETION REPORT
4	TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
	MUST HAVE VALID BOND IN OPERATOR'S NAME
	CHECK FOR \$100 IF PIT IS USED

RECEIVED
Office of Oil and Gas

NOV 1 8 2020

WV Department of Environmental Protection WW-4A Revised 6-07

1) Date:	10/01/2020	
2) Operator	's Well Number	
Hardman, A. #1	10	

3) API Well No.: 47 -

013 -

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

Address (b) Name Address (c) Name Address (d) Name Address (e) Name Address (f) Name Address (h) Coal Owner(s) with Declaration Name See Attachment Address (h) Coal Owner(s) with Declaration Name Address (h) Coal Owner(s) with Declaration Name Address (h) Received Diffice of Oil and Ge O			
(b) Name Address (c) Name Address (d) Name Address (e) Name Address (f) Name Address (h) Coal Owner(s) with Declaration Name Address (h) Coal Owner(s) With Declaration Name Address (h) Coal Lessee with Declaration Nov 1 8 2020 Name Address (h) Coal Lessee with Declaration Nov 1 8 2020 Name Address (h) Coal Lessee with Declaration Nov 1 8 2020 Name Address (h) Coal Lessee with Declaration Nov 1 8 2020 Name Address (h) Coal Lessee with Declaration Nov 1 8 2020 Name Address (h) Coal Lessee with Declaration Nov 1 8 2020 Name Address (h) Coal Lessee with Declaration Nov 1 8 2020 Name Address (h) Coal Lessee with Declaration Nov 1 8 2020 Name Address (h) Coal Lessee with Declaration Nov 1 8 2020 Nounce of Oil and Gas (h) Coal Lessee with Declaration Nov 1 8 2020 Nounce of Oil and Gas (h) Coal Lessee with Declaration Nov 1 8 2020 Notary Public (h) Coal Owner(s) with Declaration Name Address HECEIVED Office of Oil and Gas (h) Coal Lessee with Declaration Nov 1 8 2020 Notary Public Notary Public	Andress		Name Address
(c) Name Address (c) Name Address FECEIVED Office of Oil and Ga Riplay, WV 25271 Telephone 304-380-7469 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 it 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 sid Bowever, you are not required to take any auton 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 as 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 Environment 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 that Application and beginning to delivery to the Chief. Well Operator By: Steve Downey With Market Surfay LLO Notary Public	Huurcas		Tituless
Address (c) Name Address Address Name Address WV Dapartment of Environmental Protect For 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 it is 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 sid 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 are 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 Environment Protection, with respect to the well at the location described and he attached Application and depicted on the attached Form WW-6. Copies of this Notic 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 certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator By: Steve Downer Line Address Address Address Address OCapitol Street East, Suite 200 Charleston, WV 25301 Telephone OCHO Described and sworn before me this Will Address OCHO Described and sworn before me this Will Address ONDATY Public	(h) Name		(b) Coal Owner(s) with Declaration
Address WV Department of Environmental Protect Environmental Protect Control of Control		-	
Address Address Address Address Address Address Address Address No. 1478 Claylick Road Name Address Address No. 1478 Claylick Road Name Address Address WV Department of Environmental Protect Environmental Protect Structure of Environmental Protection, with respect to the well at the location described on the attached Application and accompanying documents for a pennit 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 certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator Enervest Operating LLC By: Steve Downey Williams Charleston, WV 25301 Telephone Structure	11441000		
Telephone Joe Taylor Address Address Address Address Address Telephone OTHE 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 Environment 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 certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator By: Well Operator By: Vice President & General Managor Address October & Octob	(c) Name		Name
Inspector Address Idea of Oil and Garage Idea of Oil and Oil and Idea of Oil and Oil and Idea of Oil ano	Address		Address
Inspector Address Address Ripley, WV 25271 Telephone Address Telephone Address Ripley, WV 25271 Telephone Address Ripley, WV 25271 Telephone Address WV Department of Environmental Protect FO 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 Environment 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 certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator By: Steve Downey Winds Well Operator Steve Downesson WV 25301 Telephone Telephone ALISON E. WINTER Notary Public Alison E. Winter Address Address Joe Charleston, WV 25301 Telephone Telephone The reson you received the some the instructions on the reverses side of the Office of Oil and Gas, West Virginia Department of Environment Protection, which are summarized in the instructions on the reverses side and some received when the part of the Office of Oil and Gas, West Virginia Department of Environment Protection, with respect to the well at the location described on the attached		u i	Office of Oil and Gas
Ripley, WV 25271 304-380-7469 Ripley, WV 25271 304-380-7469 Ripley, WV 25271 Address WV Department of Environmental Protect 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 set 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 Environment 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 certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator By: Vice President & General Manager Address State of West Virginia Motary Public Subscribed and sworn before me this Watture Aution E. Wirter Address Motary Public) Inspector	Joe Taylor	(c) Coal Laceag with Declaration
Telephone 304-380-7469 WV Department of Environmental Protect 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 Environment 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 certain circumstances) on or before the day of mailing or delivery to the Chief. Well Operator By: Steve Downey Jump 10 Well Operator Steve Downey	Address	1478 Claylick Road	Name NUV 1 8 2020
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ALISON E. WINTER Notary Public Official Seal State of West Virginia My Comm. Expires Jun 5, 2021 1516 Virginia St E Charleston WV 25311 By: Steve Downey WW M Manager Vice President & General Manager 300 Capitol Street East, Suite 200 Charleston, WV 25301 Telephone 304-343-5505 Subscribed and sworn before me this W attraction May of October 2020 Notary Public			
ALISON E. WINTER Notary Public Official Seal State of West Virginia My Comm. Expires Jun 5. 2021 1516 Virginia St E Charleston WV 25311 By: Its: Vice President & General Manager Address 300 Capitol Street East, Suite 200 Charleston, WV 25301 Telephone 304-343-5505 Gubscribed and sworn before me this Winter Vice President & General Manager Address 300 Capitol Street East, Suite 200 Charleston, WV 25301 Telephone Notary Public	Take notic accompan Protection the Applic	e that under Chapter 22-6 of the West ring documents for a permit to plug and with respect to the well at the location ation, and the plat have been mailed	Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and dabandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta of described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice by registered or certified mail or delivered by hand to the person(s) named above (or by publication in
ALISON E. WINTER Notary Public Official Seal State of West Virginia My Comm. Expires Jun 5. 2021 1516 Virginia St E Charleston WV 25311 Subscribed and sworn before me this W address Telephone Its: Vice President & General Manager 300 Capitol Street East, Suite 200 Charleston, WV 25301 304-343-5505 day of October, 2020 Notary Public	Take notic accompan Protection the Applic	wou are not required to take any action of the that under Chapter 22-6 of the West wing documents for a permit to plug and with respect to the well at the location ation, and the plat have been mailed cumstances) on or before the day of mailed companies.	Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and dabandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental in described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, by registered or certified mail or delivered by hand to the person(s) named above (or by publication in illing or delivery to the Chief.
Address Notary Public Official Seal State of West Virginia My Comm. Expires Jun 5. 2021 1516 Virginia St E Charleston WV 25311 Address Address Charleston, WV 25301 Telephone 304-343-5505 Subscribed and sworn before me this W with Notary Public Notary Public	Take notic accompan Protection the Applic	e that under Chapter 22-6 of the West ving documents for a permit to plug and with respect to the well at the location ation, and the plat have been mailed cumstances) on or before the day of mail	Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and dabandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice by registered or certified mail or delivered by hand to the person(s) named above (or by publication in illing or delivery to the Chief. Operator EnerVest Operating LLO
State of West Virginia My Comm. Expires Jun 5. 2021 1516 Virginia St E Charleston WV 25311 Telephone Telephone Subscribed and sworn before me this Winter My Comm. Expires Jun 5. 2021 Telephone Telephone October, 2020 Notary Public	Take notic accompan Protection the Applic	wou are not required to take any action of the west wing documents for a permit to plug and with respect to the well at the location ation, and the plat have been mailed sumstances) on or before the day of maxwell at the location with respect to the well at the location ation, and the plat have been mailed sumstances) on or before the day of maxwell at the location with the location with the location at the location at the location with the location at the location at the location with the location at location at location at location with the location at location	Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and dabandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta in described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice by registered or certified mail or delivered by hand to the person(s) named above (or by publication in illing or delivery to the Chief. Operator EnerVest Operating LLC Steve Downey WW-6. Copies of this Notice of Oil and Gas, West Virginia Department of Environmenta and described on the attached Form WW-6. Copies of this Notice by registered or certified mail or delivered by hand to the person(s) named above (or by publication in illing or delivery to the Chief.
My Comm. Expires Jun 5. 2021 1516 Virginia St E Charleston WV 25311 Telephone 304-343-5505 Subscribed and sworn before me this Winter My Comm. Expires Jun 5. 2021 Telephone 304-343-5505 Subscribed and sworn before me this Winter Notary Public	However, Take notic accompany Protection the Applic certain circ	wou are not required to take any action are that under Chapter 22-6 of the West ring documents for a permit to plug and with respect to the well at the location ation, and the plat have been mailed sumstances) on or before the day of mailed by: Well of By: Its:	Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and dabandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta a described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice by registered or certified mail or delivered by hand to the person(s) named above (or by publication in illing or delivery to the Chief. Operator EnerVest Operating LLC Steve Downey Vice President & General Manager
Subscribed and sworn before me this 5th day of October, 2020 Notary Public	However, Take notic accompany Protection the Applic certain circ	wou are not required to take any action are that under Chapter 22-6 of the West ring documents for a permit to plug and with respect to the well at the location ation, and the plat have been mailed sumstances) on or before the day of mailed by: Well 9 By: ON E. WINTER Public Official Seal	Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and dabandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental in described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, by registered or certified mail or delivered by hand to the person(s) named above (or by publication in lining or delivery to the Chief. Operator EnerVest Operating LLO Steve Downey Vice President & General Manager 300 Capitol Street East, Suite 200
Subscribed and sworn before me this day of Notary Public	However, Take notic accompan Protection the Applic certain ciri	wou are not required to take any action are that under Chapter 22-6 of the West ring documents for a permit to plug and with respect to the well at the location ation, and the plat have been mailed cumstances) on or before the day of maximum stances) on or before the day of maximum stances. Well By: ON E. WINTER Public Official Seal of West Virginia Expires Jun 5, 2021	Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and dabandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental in described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, by registered or certified mail or delivered by hand to the person(s) named above (or by publication in illing or delivery to the Chief. Operator EnerVest Operating LLC Steve Downey Vice President & General Manager 300 Capitol Street East, Suite 200 Charleston, WV 25301
Mison E. Winter Notary Public	However, Take notic accompan Protection the Applic certain cin ALIS Notary I State My Comm	wou are not required to take any action are that under Chapter 22-6 of the West ring documents for a permit to plug and with respect to the well at the location ation, and the plat have been mailed cumstances) on or before the day of maximum stances) on or before the day of maximum stances. Well By: ON E. WINTER Public Official Seal of West Virginia Expires Jun 5, 2021	Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and dabandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta in described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice by registered or certified mail or delivered by hand to the person(s) named above (or by publication in illing or delivery to the Chief. Operator EnerVest Operating LLO Steve Downey Vice President & General Manager 300 Capitol Street East, Suite 200 Charleston, WV 25301
	ALIS Notary State My Comm 1516 Virginia St E	e that under Chapter 22-6 of the West ring documents for a permit to plug and with respect to the well at the location ation, and the plat have been mailed cumstances) on or before the day of mailed By: Well By: ON E. WINTER Public Official Seal of West Virginia Expires Jun 5, 2021 Charleston WV 25311 Telep	Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and dabandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmenta in described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice by registered or certified mail or delivered by hand to the person(s) named above (or by publication in lining or delivery to the Chief. Operator EnerVest Operating LLO Steve Downey Vice President & General Manager 2300 Capitol Street East, Suite 200 Charleston, WV 25301 hone 304-343-5505
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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.



1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Bee Creek Hunting Club, Inc. P.O. Box 844 Grantsville, WV 26147

RE:

Plugging Permit Hardman A #10 Well

API# 47-013-00406

Center District, Calhoun County, WV

Dear Surface Owner:

Pursuant to Chapter 22 of the West Virginia Code, please find enclosed copies of the following documents relating to the proposed plugging of the subject well:

- Form WW-4A Notice of Application to Plug and Abandon a Well
- Form WW-4B Application for a Permit to Plug and Abandon
- Form WW-7 Well Location Form: GPS
- Form WW-9 Construction and Reclamation Plan and Site Registration Application
- Surface Owner Waiver (2 copies)

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Comments as to the location construction or the proposed well work may, pursuant to West Virginia Code, be filed by you with the Administrator within five (5) days after the Application is filed by EnerVest. The address of the Administrator for the purposes of filing comments and obtaining additional information is as follows:

Permit Administrator West Virginia Division of Environmental Protection Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 Uffice of Oil and Can.

NOV 1 8 2020

WV Department of Environmental Projection unting (106, Inc

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Return Receipt (electronic)

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t Operating LLC LTWELL RD OHIO 44622

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1. Article Addressed to: Bee Creek Hunting Club, Inc. P.O. Box 844 Grantsville, WV 26147	D. Is delivery address different from item 17 ☐ Yes If YES, enter delivery address below: ☐ No
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PS Form 3811, July 2015 PSN 7530-02-000-9053	Domestic Return Receipt

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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

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Sincerely,

EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

Enclosures

cc: File

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NOV 1-8 2020

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ATTACHMENT TO FORM WW-4B HARDMAN, A. #10 API WELL NO.: 47-013-00406

5) (b) Coal Owner(s) with Declaration:

Name:

Julia Baysinger

Address:

173 Columbus St.

Sebastian, FL 32958

Name:

Natalie Lynn Smith

Address:

9456 Reading Rd.

Cincinnati, OH 45215

Name:

Melanie Sue Smith (O'Callaghan)

Address:

1681 Oak Crest Ct.

Marietta, GA 30066

Name:

Kathryn S. Sayre, Trustee

Kathryn S. Sayre Revocable Trust, Dated 3/4/2014

Address:

2085 Pennsylvania Ave.

St. Albans, WV 25177

Name: Address: Laure Pollack Reed 2085 Pennsylvania Ave.

St. Albans, WV 25177

Name:

Carolyn J. Taylor

Address:

608 Grandview Dr.

Spencer, WV 25276

Name:

Barbara E. Weiner Nichols

Address:

207 Beauty St.

Spencer, WV 25276

Name:

Charles Frederick Varda

C/O Varda Oil & Gas, Inc.

Address:

3557 Ripley Rd.

Spencer, WV 25276

Name:

John Allen Varda

C/O Varda Oil & Gas, Inc.

Address:

3557 Ripley Rd.

Spencer, WV 25276

RECEIVED Office of Oil and Gas

NOV 1 8 2020

WV Department of Environmental Protection

C/O Varda Oil & Gas, Inc.

Address:

3557 Ripley Rd. Spencer, WV 25276

Name: Address: EDCO Minerals, LLC 6394 US HWY 33 E Glenville, WV 26351

Name:

Rebecca Elberfeld Hoge

Address:

PO Box 114

New Knoxville, OH 45871

Name:

Tuason Living Trust, dated July 21, 2016

Address:

2340 Cascade Ave., NW

East Wenatchee, WA 98802

RECEIVED
Office of Oil and Gas

NOV 1 8 2020

WV Department of Environmental Protection



1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Julia Baysinger 173 Columbus St. Sebastian, FL 32958

RE:

Plugging Permit Hardman A. #10 Well

API# 47-013-00406

Center District, Calhoun County, WV

HECEIVED

NOV 1 8 2020

WV Department of Briving municipal Protection

Dear Coal Owner:

Pursuant to Chapter 22 of the West Virginia Code, please find enclosed copies of the following documents relating to the proposed plugging of the subject well:

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Permit Administrator West Virginia Division of Environmental Protection Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304

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Olty, State, 21944 Sebastian , FL 32,958

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SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
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Julia Baysinger 173 Columbus St. Sebustian, FL 32958



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PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

- A. Signature
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- B. Received by (Printed Name)
- C. Date of Delivery
- If YES, enter delivery address below:

- 3. Service Type

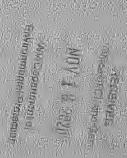
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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

Persons who may file such comments are: (i) the owners of record of the surface of the tract on which the well is or is to be located, and (ii) the owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if such tract is to be utilized for road or other land disturbance described in the Erosion and Sediment Control Plan referred to above; and (iii) except as and when not required by the laws of West Virginia ad the rules of the West Virginia Department of Mines, any coal operator operating coal seams beneath the oil and gas leasehold upon which said well is or is to be located as well as the owner(s) and lessee(s), if any of such coal seams.

Sincerely,

EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

Enclosures

cc: File

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WV Department of Environmental Protection

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1748 Saltwell Road, Doyer, Ohio 44622 Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Natalie Lynn Smith 9456 Reading Road Cincinnati, OH 45215

RE:

Plugging Permit Hardman A. #10 Well

API# 47-013-00406

Center District, Calhoun County, WV

Dear Coal Owner:

Pursuant to Chapter 22 of the West Virginia Code, please find enclosed copies of the following documents relating to the proposed plugging of the subject well:

- Form WW-4A Notice of Application to Plug and Abandon a Well
- Form WW-4B Application for a Permit to Plug and Abandon
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Permit Administrator West Virginia Division of Environmental Protection Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 RECEIVED Office of Oil and Gra-

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rVest Operating LLC 8 SALTWELL RD /ER, OHIO 44622

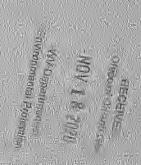
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Complete Items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.	A. Signature X
Natalie Lynn Smith 9456 Reading Road Cincinnation of 45215	D. Is delivery address different from item 1? Yes If YES, enter delivery address below:
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PS Form 3811, July 2015 PSN 7530-02-000-9059



1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

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Sincerely,

EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

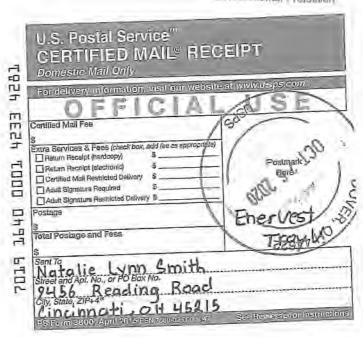
Enclosures

cc: File

Office of City and City

NOV 1 8 2020

WV Department of Environmental Protection





1708 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Melanie Sue Smith (O'Callaghan) 1681 Oak Crest Ct. Marietta, GA 30066

RE:

Plugging Permit Hardman A. #10 Well

API# 47-013-00406

Center District, Calhoun County, WV

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WV Cepanment of Environmental Protection

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Permit Administrator
West Virginia Division of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

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Melanie Sue Smith (O'Callaghan)
1681. Oak Crest Ct.
Marietta. 642

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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

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Sincerely,

EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

Enclosures

cc: File

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1748 Sajtwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Kathryn S. Sayre, Trustee Kathryn S. Sayre Revocable Trust, Dated 3/4/2014 2085 Pennsylvania Ave. St. Albans, WV 25177

RE: Plugging Permit Hardman A. #10 Well API# 47-013-00406

Center District, Calhoun County, WV

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Permit Administrator
West Virginia Division of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

Sayre, Trustee
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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

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Sincerely,

EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

Enclosures

cc: File

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WV Department of Environmental Protection

U.S. Postal Service.

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1748 Saltwell Road, Dover, Ohio 44522 Phone: (330) 502-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Laure Pollack Reed 2085 Pennsylvania Ave. St. Albans, WV 25177

RE:

Plugging Permit Hardman A. #10 Well

API# 47-013-00406

Center District, Calhoun County, WV

Dear Coal Owner:

Pursuant to Chapter 22 of the West Virginia Code, please find enclosed copies of the following documents relating to the proposed plugging of the subject well:

- Form WW-4A Notice of Application to Plug and Abandon a Well
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- Form WW-9 Construction and Reclamation Plan and Site Registration Application
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NOV 1 8 2020

Permit Administrator
West Virginia Division of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

WV Department 6) Environmental Protection

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Domestic Return Receipt



1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

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Sincerely,

EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

Enclosures

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WV Department of Environmental Protection

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1748 Saltwell Road, Dover, Ohio 44522 Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Carolyn J. Taylor 608 Grandview Dr. Spencer, WV 25276

RE:

Plugging Permit Hardman A. #10 Well

API# 47-013-00406

Center District, Calhoun County, WV

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WV Department of Environmental Protection

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Permit Administrator West Virginia Division of Environmental Protection Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 Taylor view Dr. v 25276

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1742 Saltwell Road, Dover, Ohio 44622 Phone; (330) 602-5551

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Sincerely.

EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

Enclosures

cc: File

WV Department of Environmental Protection

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1748 Saltwell Road, Dover, Ohio 44622. Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Barbara E. Weiner Nichols 207 Beauty Street Spencer, WV 25276

RE:

Plugging Permit Hardman A, #10 Well

API# 47-013-00406

Center District, Calhoun County, WV

Dear Coal Owner:

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Permit Administrator West Virginia Division of Environmental Protection Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 NOV 1 8 2020

WV Department Environmental Protection

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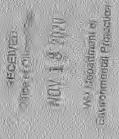
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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

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Sincerely,

EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

Enclosures

cc: File

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WV Department of Environmental Providing

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1748 Saltwell Road, Dover, Ohio 44522 Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Charles Frederick Varda c/o Varda Oil & Gas, Inc. 3557 Ripley Road Spencer, WV 25276

RE:

Plugging Permit Hardman A. #10 Well

API# 47-013-00406

Center District, Calhoun County, WV

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WV Department of Environmental Projection

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Permit Administrator West Virginia Division of Environmental Protection Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 Spencer, Wysbad 15276

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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

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EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

Enclosures

cc: File

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WV Department of Environmental Protection

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1748 Saltwell Road, Dover, Dhio 44622 Phone: (330) 602-5551

October 21, 2020

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John Allen Varda c/o Varda Oil & Gas, Inc. 3557 Ripley Road Spencer, WV 25276

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API# 47-013-00406

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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

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EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

Enclosures

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WV Department of Environmental Protection

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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Melinda Ann Ashley c/o Várdá Oil & Gas, Inc. 3557 Ripley Road Spencer, WV 25276

RE:

Plugging Permit Hardman A. #10 Well

API# 47-013-00406

Center District, Calhoun County, WV

Dear Coal Owner:

Pursuant to Chapter 22 of the West Virginia Code, please find enclosed copies of the following documents relating to the proposed plugging of the subject well:

- Form WW-4A Notice of Application to Plug and Abandon a Well
- Form WW-4B Application for a Permit to Plug and Abandon
- Form WW-7 Well Location Form: GPS
- Form WW-9 Construction and Reclamation Plan and Site Registration Application
- Coal Owner Waiver (2 copies)

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Comments as to the location construction or the proposed well work may, pursuant to West Virginia Code, be filed by you with the Administrator within five (5) days after the Application is filed by EnerVest. The address of the Administrator for the purposes of filing comments and obtaining additional information is as follows:

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WV Depenment of Environmental Protection

Permit Administrator
West Virginia Division of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

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Melinda Ann Ashley	D. Is delivery address different from Item 1? If YES, enter delivery address below: No.
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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

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Sincerely,

EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

Enclosures

cc: File

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WV Department of Environmental Protection

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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

EDCO Minerals, LLC 6394 US HWY 33 E Glenville, WV 26351

RE:

Plugging Permit Hardman A. #10 Well API# 47-013-00406 Center District, Calhoun County, WV

Dear Coal Owner:

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Permit Administrator West Virginia Division of Environmental Protection Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 WV Department of Environmental Propertion 5, LLC 33 E '26351

U.S. Postal Service" CERTIFIED MAIL RECEIPT 4380 138D Domestic Mail Only For delivery information, visit our website at www.usps.com?.. 4233 HE33 Extra Services & Fees (check box, add fee an eppropriate)

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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

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EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Rebecca Elberfeld Hoge P.O. Box 114 New Knoxville, OH 45871

RE:

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API# 47-013-00406

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Permit Administrator West Virginia Division of Environmental Protection Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 Environa ignemication ненишинении

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9590 9402 5428 9189 4786 29 2. Article Number (Transfer from service label) 7019 1640 0001 4233 4271	3. Service Type Adult Signature Adult Signature Restricted Delivery Certified Mail® Oollect on Delivery Oollect on Delivery Restricted Delivery Mail Restricted Delivery Signature Confirmation Mail Restricted Delivery Mail Restricted Delivery Restricted Delivery Mail Restricted Delivery Restricted Delivery Restricted Delivery Restricted Delivery

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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

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Sincerely,

EnerVest Operating, L.L.C.

Troy Valasek Senior Landman

Enclosures

cc: File

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VVV Department of Environmental Protection

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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 602-5551

October 21, 2020

VIA USPS CERTIFIED MAIL

Tuason Living Trust, Dated July 21, 2016 2340 Cascade Ave., NW East Wenatchee, WA 98802

RE: Plugging Permit Hardman A. #10 Well API# 47-013-00406 Center District, Calhoun County, WV

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Permit Administrator
West Virginia Division of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

U.S. Postal Service"
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Domestic Mail Only 4557 7254 For delivery information, visit our website at www.usps.com HE33 4233 Certified Mail Fee 1640 0001 0001 ☐ Return Receipt (electronic) Postmark Here Certified Mail Restricted Delivery Adult Signature Required Adult Signature Restricted Delivery \$ 1640 Enervest Tray V. Total Postage and Foso: Sent To
Tuasan Living Trust
Street and Apt. No., or FO Box No.
2340 Cascade Ave., NW
City, State, ZiF44
East Wenatchee, WA 18802 ட் ஜ ப்

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NOV 1 8 2020

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SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
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- Attach this card to the back of the mailpiece, or on the front if space permits.
- 1. Article Addressed to:

Tuason Living Trust 2340 Cascade Ave., NW East Wenatchee, WA 98802



7019 1640 0001 4233 4267

PS Form 3811, July 2015 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent ☐ Addressee

B. Received by (Printed Name)

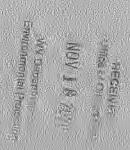
C. Date of Delivery

D. Is delivery address different from item 1? If YES, enter delivery address below:

☐ Yes □ No

- 3. Service Type
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1748 Saltwell Road, Dover, Ohio 44622 Phone: (330) 502-5551

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Troy Valasek Senior Landman

Enclosures

co: File

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WV Department of Environmental Protection

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WW-9 (5/16)

API Number 47 - 013	_ 00406
Operator's Well No.	

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Watershed (HUC 10) Middle Little Kanawha River	A CONTRACTOR OF THE PROPERTY O
Do you anticipate using more than 5,000 bbls of water to comple	te the proposed well work? Yes No
Will a pit be used? Yes No ✓	
If so, please describe anticipated pit waste:	
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	
Underground Injection (UIC Permit I Reuse (at API Number	Number)
Off Site Disposal (Supply form WW-	-9 for disposal location)
Other (Explain No pit to be built, Any w	vell effluent will be contained in tanks and properly disposed offsite
Will closed loop systembe used? If so, describe:	
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Office of Oil and Gne
-If oil based, what type? Synthetic, petroleum, etc.	NOV 1 8 2020
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	sed? (cement, lime, sawdust)
Permittee shall provide written notice to the Office of Oil and Ga West Virginia solid waste facility. The notice shall be provided v	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 co on April 1, 2016, by the Office of Oil and Cas of the West Virgi provisions of the permit are enforceable by law. Violations of an or regulation can lead to enforcement action. I certify under penalty of law that I have personally application form and all attachments thereto and that, based on m	onditions of the ŒNERAL WATER POLLUTION PERMIT is sure in a Department of Environmental Protection. I understand that the system or condition of the general permit and/or other applicable lateramined and am familiar with the information submitted on the system of those individuals immediately responsible for obtaining and complete. I am aware that there are significant penalties imprisonment.

Attach: Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including t provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, E (L, W), and area in acres, of the land application area. Photocopied section of involved 7.5' topographic sheet.	
Fertilizer type 10-20-20 Fertilizer amount 500	1bs/acre 25 15
Fertilizer amount 500 Ibs/acre Mulch Hay or Straw 2 Tons/acre Temporary Permanent Seed Type Ibs/acre Seed Type Orchard Grass 25 Orchard Grass Birdsfoot Treefoil 15 Birdsfoot Treefoil Ladino Clover 10 Ladino Clover Attach: Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including to provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, EL, W), and area in acres, of the land application area. Photocopied section of involved 7.5' topographic sheet.	1bs/acre 25 15
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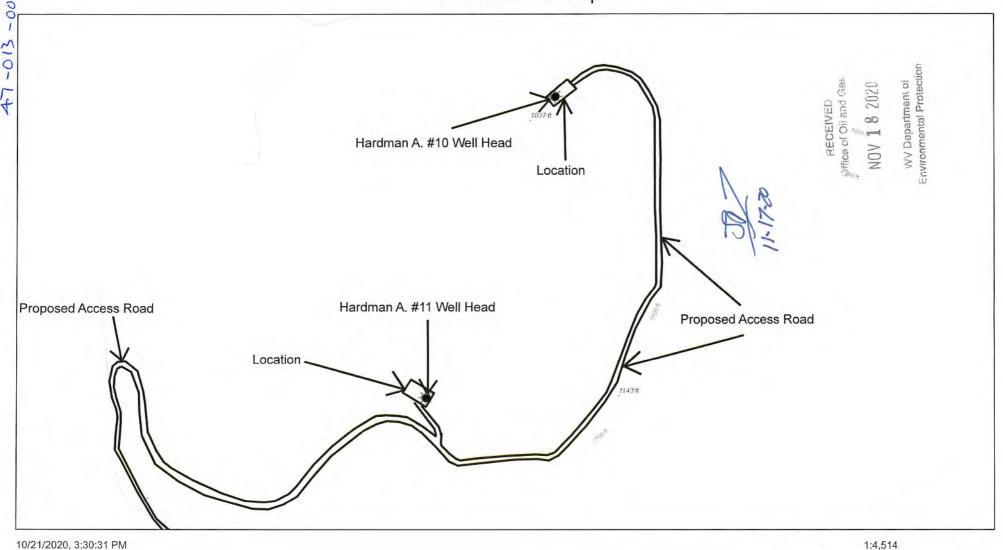
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akan kiningga kalangan sa menghipakan di dalah di apada dakan di kining kilingga kining dakir. Kenalah kalangan kiningga mengga berangan di dalah di dalah di dalah di kenalah di dalah berangan berangan ber





Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

0.2 km

0.09

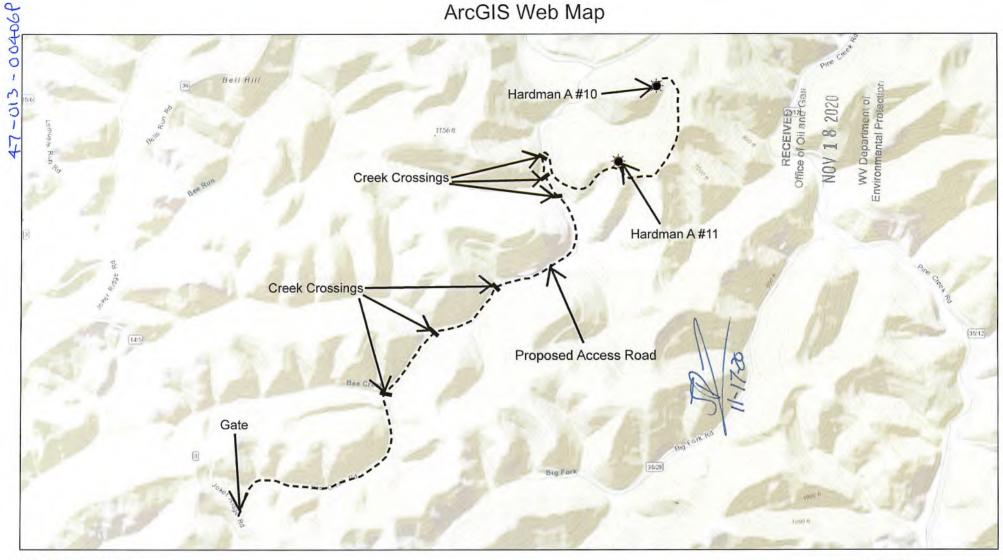
0.17 mi

0.04

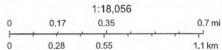
0.1

0.05

ArcGIS Web Map



10/21/2020, 3:42:09 PM



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community WW-9- GPP Rev. 5/16

Page	of Z
API Number 47 - 013	- 00406
Operator's Well No.	

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

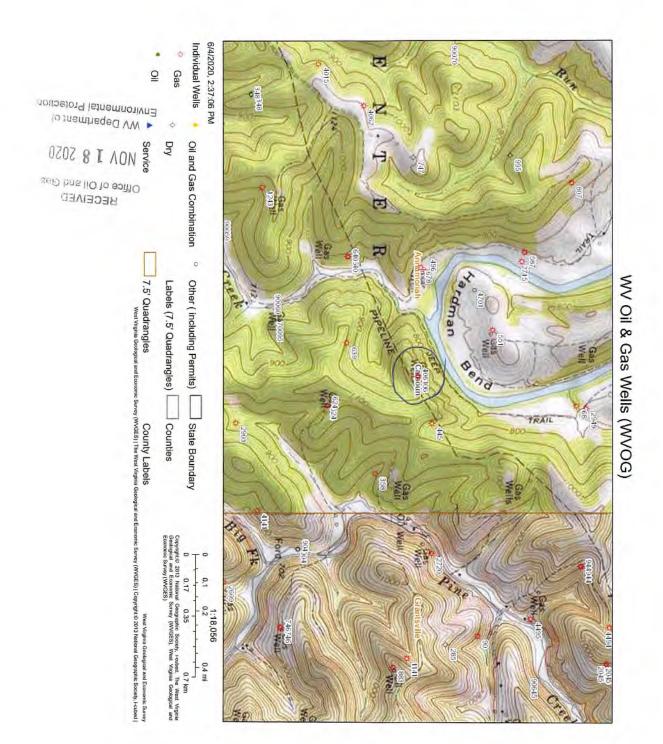
Operator Name: EnerVest Operating LLC	
Watershed (HUC 10): Middle Little Kanawha River	Quad: Arnoldsburg
Farm Name: Allen Hardman	
 List the procedures used for the treatment and discharge of fl groundwater. 	uids. Include a list of all operations that could contaminate the
Plugging of shallow well. All residual fluids will b proper disposal	e captured in portable flowback tanks for
Describe procedures and equipment used to protect groundward	ater quality from the list of potential contaminant sources above.
Plugging of shallow well. All residual fluids will b proper disposal 3. List the closest water body, distance to closest water body.	, and distance from closest Well Head Protection Area to the
Closest Water Body: Little Kanawha River 600'	+
Summarize all activities at your facility that are already regula	ated for groundwater protection.
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WV Department of Environmental Protection

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

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NOV 1 8 2020
WV Department of Environmental Protection

Date:



WW-7 8-30-06



West Virginia Department of Environmental Protection Office of Oil and Gas

WELL LOCATION	FORM: GPS	
_{API} : 47-013-00406	WELL NO.: Hardman, A. #	10
FARM NAME: Allen Hardman		
RESPONSIBLE PARTY NAME: Troy M.	Valasek	
COUNTY: Calhoun	DISTRICT: Center	
QUADRANGLE: Arnoldsburg		
SURFACE OWNER: Bee Creek Hun	ting Club, Inc.	
ROYALTY OWNER: CGAS Propertie	es, L.P.	
UTM GPS NORTHING: 4307307.7		
UTM GPS EASTING: 488399.3	GPS ELEVATION: 1007.2	7'
The Responsible Party named above has chosen to preparing a new well location plat for a plugging pabove well. The Office of Oil and Gas will not accept the following requirements: 1. Datum: NAD 1983, Zone: 17 North, Cheight above mean sea level (MSL) – reconstruction of the process of the	permit or assigned API number on the cept GPS coordinates that do not meet coordinate Units: meters, Altitude: meters.	et
Mapping Grade GPS: Post Processed Di	ifferential	RECEIVED Office of Oll and Gas
Real-Time Differ	ential	NOV 1 8 2020
4. Letter size copy of the topography management of the undersigned, hereby certify this data is correctly belief and shows all the information required by laprescribed by the Office of Oil and Gas.	ct to the best of my knowledge and	WV Department of Environmental Protection

Title