



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

Wednesday, December 2, 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 11
47-013-00639-00-00

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: 11
Farm Name: HARDMAN, ALLEN
U.S. WELL NUMBER: 47-013-00639-00-00
Vertical Plugging
Date Issued: 12/2/2020

I

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.

1) Date October 01, 2020
2) Operator's
Well No. Hardman, A. #11
3) API Well No. 47-013-00639

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil ___ / Gas X / Liquid injection ___ / Waste disposal ___ /
(If "Gas, Production X or Underground storage ___) Deep ___ / Shallow ___
- 5) Location: Elevation 1007.27' Watershed Middle Little Kanawha River
District Center County Calhoun Quadrangle Arnoldsburg
- 6) Well Operator EnerVest Operating LLC 7) Designated Agent Steve Downey
Address 300 Capitol St. E., Ste 200 Address same
Charleston, WV 25301
- 8) Oil and Gas Inspector to be notified Name Joe Taylor
Address 1478 Claylick Road
Ripley, WV 25271
- 9) Plugging Contractor Name To be determined
Address _____

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

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

Work order approved by inspector  Date 11-17-2020

Hardman, A. #11
 47-013-00639
 Elevation: 1007' GL
 Latitude: 38.914595
 Longitude: -81.133809

Hardman, A. #11 Well Data

Casing: 7" 20 ppf Csg @ 1879' GL – Set on shoe
 Tubing: 3-1/2" @ 2000' GL – Set on Lynes packer @ 2000'
 TD: 2070'
 Perforations: Shot F/ 2036' – T/ 2051' w/ 30 quarts ??
 Also stimulated in 1971 through 3-1/2" installed just prior to frac.
 Coal: None Reported
 Fresh Water Shows: None Reported
 Salt Water Shows: None Reported
 Gas/Oil Shows 1635', 1994' - 2051'

Hardman, A. #10 Procedure:

1. Notify State Inspector, Joe Taylor – (304)-380-7469 – Joseph.D.Taylor@wv.gov, 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 3-1/2" tbg. *SPOT GEL TO ABOVE SHOT gum*
 - a. If successful, set first cement plug 1975' – 1775'.
 - b. TOOH to 1575', WOC 8 hrs, RIH & tag plug, add cement if needed.
 - c. Spot 6% gel from TOC to 50' above location of next cement plug.
 - d. Continue operations at step 10.
5. If unsuccessful, perform csg Freepoint test on 3-1/2" and record.
6. Rip 3-1/2" tbg @ freepoint and POOH.
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/ 1615' – T/ 1515'. Perforations are required at 1615' if csg is still present. *CNS SHOW*
 - c. 150' plug F/ 1020' – T/ 870'. Perforations are required at 1020' if csg is still present. *ELEVATION*
 - a. 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.

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47-013-00639P
3-1000

Form OG-10



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

Rotary
Spudder
Cable Tools
Storage

Quadrangle Arnoldsburg

WELL RECORD

Permit No. CAL-639

Oil or Gas Well Gas (KIND)

Company <u>Cabot Corporation</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P. O. Box 1473, Charleston, W. Va. 25325</u>	Size			
Farm <u>Allen Hardman</u> Acres <u>1016</u>	16			Kind of Packer
Location (waters)	13			
Well No. <u>11</u> Elev. <u>1007.27</u>	10 <u>3/4</u>	<u>441'6"</u>	<u>None</u>	Size of
District <u>Center</u> County <u>Calhoun</u>	8 1/4	<u>1053'10"</u>	<u>None</u>	Depth set
The surface of tract is owned in fee by <u>Allen Hardman</u>	6 3/4 <u>7"</u>	<u>1879'11"</u>	<u>1879'11"</u>	
Address <u>Joker, W. Va.</u>	5 3/16			
Mineral rights are owned by <u>Cabot Corporation</u>	4 1/2			
Address <u>Charleston, W. Va.</u>	3			Perf. top
Drilling commenced <u>October 23, 1941</u>	2			Perf. bottom
Drilling completed <u>November 26, 1941</u>	Liners Used			Perf. top
Date Shot <u>11-27-41</u> From <u>2036</u> To <u>2051</u>				Perf. bottom
With <u>30 quarts</u>				
Open Flow <u>/10ths Water in</u> Inch	Attach copy of cementing record.			
<u>/10ths Merc. in</u> Inch	CASING CEMENTED SIZE No. Ft. Date			
Volume <u>(after shot) 492,000</u> Cu. Ft.	Amount of cement used (bags) <u>none</u>			
Rock Pressure <u>490</u> lbs. <u>24</u> hrs.	Name of Service Co.			
Oil <u>bbbls., 1st 24 hrs.</u>	COAL WAS ENCOUNTERED AT FEET INCHES			
WELL ACIDIZED (DETAILS)	FEET INCHES FEET INCHES			
	FEET INCHES FEET INCHES			
WELL FRACTURED (DETAILS) <u>November 9, 1971 with 23,800 gal. water and 20,000# sand down 3-1/2" tubing below Lynes packer set at 2000'.</u>				
RESULT AFTER TREATMENT (Initial open Flow or bbbls.) <u>395 Mcf</u>				
ROCK PRESSURE AFTER TREATMENT <u>120#</u> HOURS <u>24</u>				
Fresh Water Feet Salt Water Feet				
Producing Sand <u>Injun Sand</u> Depth <u>1944' to 2051'</u>				

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Top Soil			0	12			
Sand	yellow		12	60			
Sand			60	100			
Slate&Shell			100	225			
Red Rock			225	260			
Slate&Shell			260	320			
Sand			320	345			
Slate			345	385			
Sand			385	400			
Red Rock			400	412			
Lime	white		412	430			
Slate	white		430	460			
Rock	Red	soft	460	485			
Slate	white	hard	485	500			
Lime	white		500	527			
Slate	white		527	530			
Sand	white	soft	530	556			
Slate	white	soft	556	575			
Rock	red	soft	575	610			
Lime	white	hard	610	625			
Rock	red	soft	625	665			
Lime	gray	hard	665	677			
Red Rock	red	soft	677	710			
Pink Rock	pink	soft	710	725			
Slate	white	soft	725	762			
Sand	white	soft	762	792			
Slate	black	soft	792	795			
Lime	gray	hard	795	815			
Rock	red	soft	815	900			

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Lime			900	930			
Slate	white		930	1040			
Sand			1040	1130			1056 S.L.
Slate	white		1130	1163			
Sand	white	soft	1163	1290			
Slate	black	soft	1290	1330			
Sand		hard	1330	1365			
Slate	black	soft	1365	1400			
Sand	gray	hard	1400	1430			
Slate	black	soft	1430	1630			
Sand		hard	1630	1692	Gas	1635 - 27 M	1641 S.L.
Slate	black	soft	1692	1694			
Sand		hard	1694	1845			
Lime		hard	1845	1850			
Sand		hard	1850	1864			
Slate			1864	1867			
Little Lime			1867	1875			
Slate			1875	1880			
Lime (Big)			1880	1993			
Sand			1993	2051			
Shale			2051	2098			
Total Depth				2098			

Water ~ 1744' - 1820'

Gas 1994-2001 - 33 M 2046 S.L.
 Gas 1994-2038 - 57 M
 Gas 2046 103 M
 Gas 2051 189 M

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Date 11-17-1971
 APPROVED Cobot Corporation, Owner
 By Perry C. Quinn, Prod. Mgr.
 (Title)

GODFREY L. CABOT, INC.

WELL RECORD

47-013-00638P

609-639

SERIAL NO. 1000 **OPERATING DISTRICT** Grantsville **Map Square** Lot No. 57-55
FARM Allen Hardman **No. 11** **LEASE NO.** 1-131
COUNTY Calhoun **TAX DISTRICT** Center **STATE** West Virginia
DRILLING COMMENCED October 23, 1941 **DRILLING COMPLETED** Nov. 28, 1941
CONTRACTOR Broadwater & Welch **ADDRESS** Grantsville, W. Va.

ROCK PRESSURE RECORD				PRODUCING SAND RECORD			
Injun	Sand 490	lbs. in	On tubing 24 hrs.	Injun	Sand, from 1044	to 2051	Init. Prod. 189 M. C. F. Gas
	Sand 150	lbs. in	On casing 24 hrs.		Sand, from	to	Init. Prod. M. C. F. Gas
	Sand	lbs. in	hrs.		Sand, from	to	Init. Prod. M. C. F. Gas

OPEN FLOW				CASING RECORD			
Time, Condition: when tested				HOW CASING SET			
10ths	Water			SIZE	WEIGHT	USED IN DRILLING	LEFT IN WELL
22	Messure	2	inch opening	10-3/4"	35.75	441' 6"	None
Volume	189	M. C. F.		8-5/8"	29.55	1053' 10"	None
24 HOUR PRODUCTION TEST AFTER TUBING				7"	20.	1679' 11"	1.79' 11"
	M. C. F.		Line Pressure	2-3/4"	3.75	1006' 10"	2.36' 10"
	100		in 24 Hours	Measured threads on. Product 14' estimated screwage			
TUBED AND SHUT IN Date Dec. 2, 1941							
Packer, Size 2"x6-5/8"x16" Kind Gas Anchor							
Set, Depth	194	Size Anchor	2-3/8"				
Perf. Top	2054	Bottom	2054				

SHOOTING RECORD
 Shot with 30.06 lbs from 1044 to 2051 Date Nov. 27, 1941
 Gauge Before Shot 150 MP Min. After Shot 492 MCF

FORMATION	COLOR	TOP	BOTTOM	STEEL LINE MEASUREMENTS	HARD OR SOFT	OIL, GAS OR WATER	DEPTH FOUND	DISTANCE ABOVE OR BELOW S. L.	REMARKS
Top Soil		0	12						
Sand	Yellow	12	60						
Sand		60	100						
Slate	all	10	215						
Red rock		230	260						
Slate	all	260	320						
Sand		320	345						
Slate		345	365						
Sand		365	400						
Red rock		400	412						
Line	White	412	430						
Slate	White	430	460						
Rock	Red	460	465		Soft				
Slate	White	465	500						
Line	White	500	527						
Slate	White	527	537						
Sand	White	537	541		Soft				
Slate	White	541	571		Soft				
Rock	Red	571	574		Soft				
Line	White	574	580						
Rock	Red	580	585		Soft				
Line	Grey	585	577						
Red Rock		577	710		Soft				
Rock	Pink	710	725		Soft				
Sl-2	White	725	762		Soft				





Select County: (013) Calhoun Select datatypes: (Check All) Location Production Plugging Owner/Completion Stratigraphy Sample Pay/Show/Water Logs Btm Hole Loc

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 = 0639

Report Time: Thursday, June 04, 2020 1:47:51 PM

Location Information: View Map

Table with columns: API, COUNTY, PERMIT, TAX_DISTRICT, QUAD_75, QUAD_15, LAT_DD, LON_DD, UTM_E, UTM_N. Row 1: 4701300639, Calhoun, 639, Center, Annamoriah, Arnoldsburg, 38.910923, -81.136013, 488207.6, 4306900.5

There is no Bottom Hole Location data for this well

Owner Information:

Table with columns: 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. Row 1: 4701300639, 11/1971, Worked Over, Completed, Allen Hardman, 11, 1000, Cabot Oil & Gas Corp.

Completion Information:

Table with columns: API, CMP_DT, SPUD_DT, ELEV, DATUM, FIELD, DEEPEST_FM, DEEPEST_FMT, INITIAL_CLASS, FINAL_CLASS, TYPE, RIG, CMP_MTHD, TVD, TMD, NEW_FTG, KOD, G_BEF, G_AFT. Row 1: 4701300639, 11/1971, -/-, 1007, Ground Level, Gmstvl-Amlbq, Big Injun (Gmbr), Big Injun (Gmbr), Development Well, Development Well, Gas, Cable Tool, Fractured, 2051, 0, 0, 395

Pay/Show/Water Information:

Table with columns: API, CMP_DT, ACTIVITY, PRODUCT, SECTION, DEPTH_TOP, FM_TOP, DEPTH_BOT, FM_BOT, G_BEF, G_AFT, O_BEF, O_AFT, WATER_QNTY. Row 1: 4701300639, 11/1971, Pay, Gas, Vertical, 2051, Big Injun (Gmbr), 0, 0

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

Table with columns: API, PRODUCING_OPERATOR, PRD_YEAR, ANN_GAS, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DCM. Lists production data for various operators from 1979 to 2018.

Production Oil 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.

Table with columns: API, PRODUCING_OPERATOR, PRD_YEAR, ANN_OIL, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DCM. Lists production data for various operators from 1979 to 2018.

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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.

Table with columns: API, PRODUCING_OPERATOR, PRD_YEAR, ANN_NGL, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DCM. Lists production data for various operators from 2014 to 2018.

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

Table with columns: API, PRODUCING_OPERATOR, PRD_YEAR, ANN_WTR, JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DCM. Lists production data for various operators from 2016 to 2018.

Stratigraphy Information:

Table with columns: API, SUFFIX, FM, FM_QUALITY, DEPTH_TOP, DEPTH_QUALITY, THICKNESS, THICKNESS_QUALITY, ELEV, DATUM. Lists stratigraphic data for various operators from 1867 to 2051.

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

There is no Plugging data for this well

FORM OG-2

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Scott Hamilton
9-23-41

WELL DRILLING PERMIT

Permit No. CAL-650

September 19, 1941

TO GODFREY L. GADOT, INC.
WELL OPERATOR

LOCATION OF WELL:

900 UNION BUILDING
STREET

CENTER DISTRICT

CHARLESTON, WEST VIRGINIA
CITY

CALHOUN

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WELL NO. 11-Sr-1000

WV Department of
Environmental Protection

ALLEN HARDMAN FARM

The Department of Mines received your Notice and Plat of the Well described above on the 9th day of

September, 1941 showing proposed location for drilling an oil or gas well.

Ten days having expired since the receipt of Notice and Plat and no objections having been made by the coal owners, coal operators, or the Department of Mines, the location is approved and permission is granted you to drill strictly in accordance with the several provisions of Chapter 22, Code of 1931, the Well to be numbered and located as above shown and more particularly as indicated on the Plat on file with this Department.

This Permit is assignable either by separate instrument, or incident to the transfer of title to the oil and gas, or of the right to drill therefor at said location, but no such assignment shall entitle the assignee to drill thereat until he shall have filed with the Department of Mines a certified, or sworn copy of the instrument assigning same, or as an incident to which such assignment was 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.

O. P. Rhinehart
CHIEF OF DEPARTMENT OF MINES

GODFREY L. CABOT, INC.

~~CONFIDENTIAL~~ LOCATION REPORT

Operator: GODFREY L. CABOT INC Farm: ALLEN HARDMAN

Well No.: 11

Ser. No.: 1000

Lot No.: 57-55

1007

Warrant No.: 53-57

Elev. 1007

Map No.:

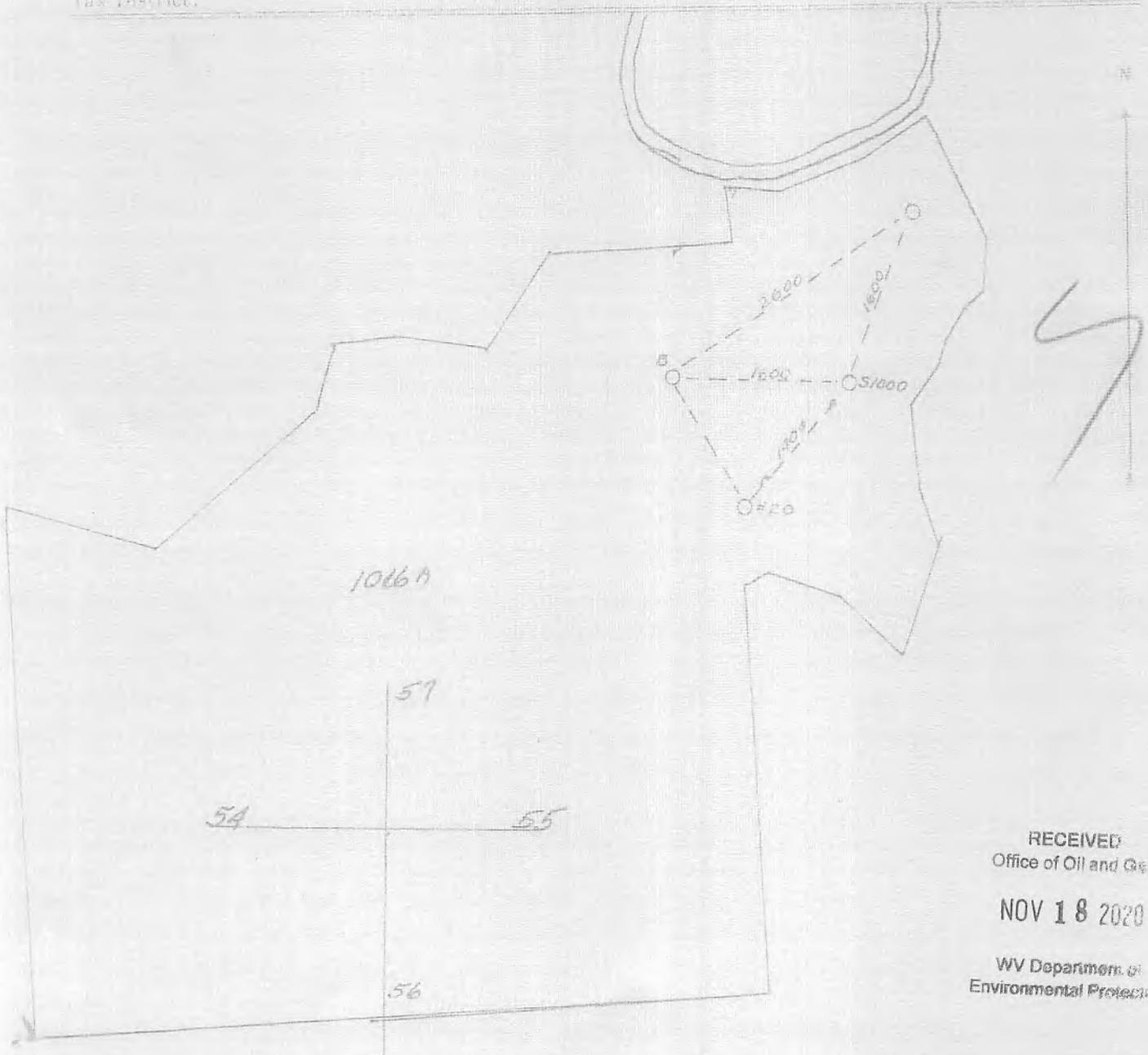
Township: Center

County: Calhoun

State: WV

Scale: 1" = 1320'

Tax District:



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Approved

OG-18

STATE OF WEST VIRGINIA

Oil and Gas Division
DEPARTMENT OF MINES

PERMIT TO FRACTURE WELL ORIGINALLY DRILLED ON AND/OR
AFTER JUNE 5, 1929, AND BEFORE JULY 1, ~~1963~~ 1969

Date NOVEMBER 12, 1971

TO: CABOT CORPORATION
Well Operator
1400 CHARLESTON NATIONAL PLAZA
Street
CHARLESTON
City or Town
WEST VIRGINIA 25301
State

Permit No. CAL-639-FRAC.
Well No. 11 S-1000
Farm ALLEN HARDMAN
Acres 1016

The Division of Oil and Gas of the Department of Mines, received your notice of intent to fracture the above-styled well on the 12th day of NOVEMBER, 1971.

In view of ten days having expired (and/or prior written consent has been given by all necessary Coal Operators and received by the Department) since the receipt of notice of intention to fracture by the Well Operator and no objections having been made by the Coal Operator or Operators or by the Department of Mines, the fracturing notice is hereby approved, and permission is granted the Well Operator to fracture the said well in accordance with amended Article 4 of Chapter 22 of the West Virginia Code, effective July 1, 1963. Said well is located as shown hereinabove and more particularly as also shown on the well location map.

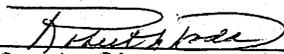
PROVIDED FURTHER if the above-named tract of land is being actively mined for coal, the Well Operator shall notify the Coal Operator and the Deputy Director for Oil and Gas 24 hours in advance of the time and day and date actual fracturing of said well shall commence.

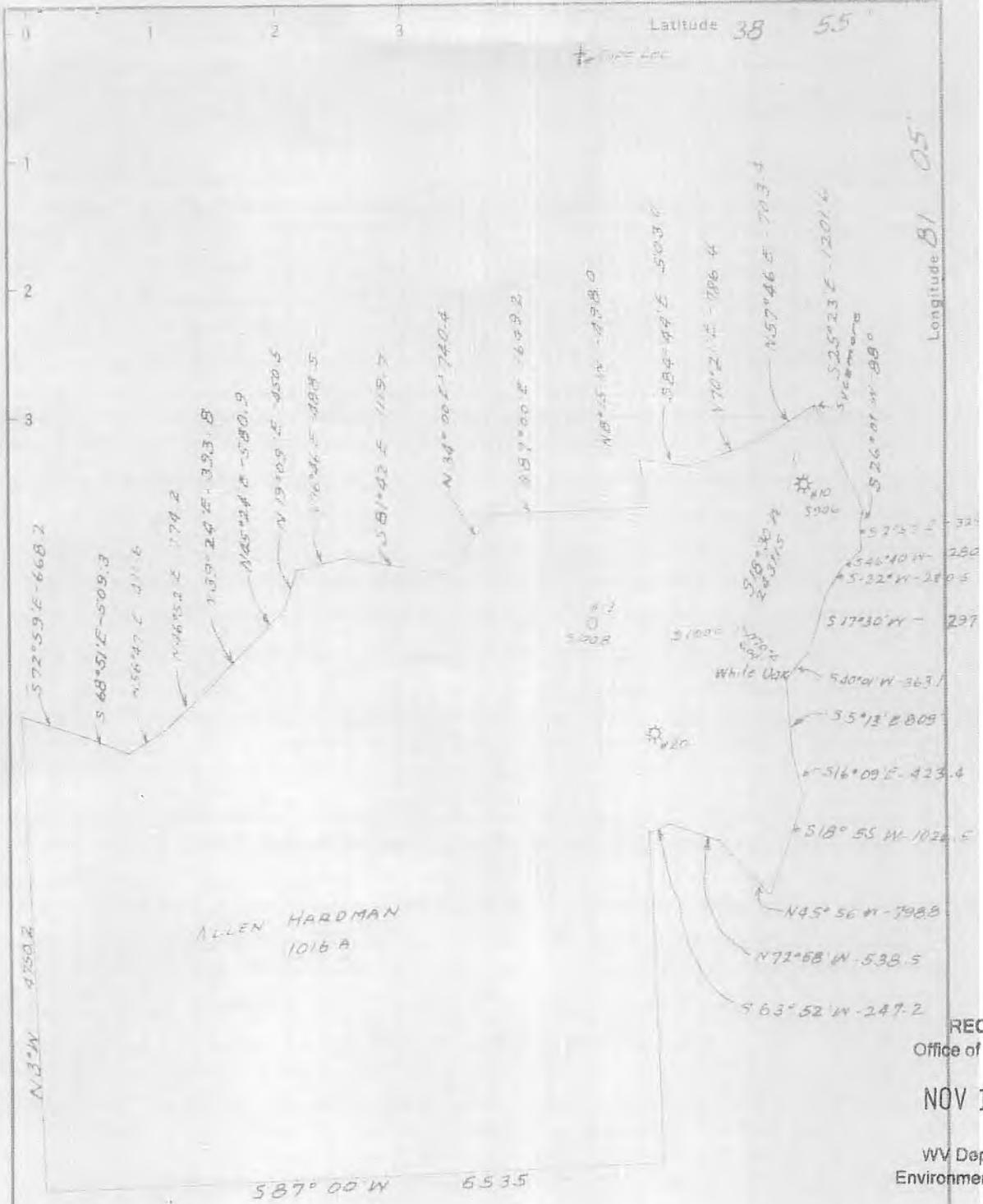
In case the well is not fractured within four (4) months from the above date, this Permit shall expire and be of no further force or effect.

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Deputy Director Oil and Gas
for the Department of Mines



New Location +
 Drill Deeper
 Abandonment

Company GODFREY L. CABOT INC.
 Address 900 UNION BLDG. CHARLESTON WVA
 Farm ALLEN HARDMAN
 Tract _____ Acres 1016 Deed 1-131
 Well (Farm) No. 11 Serial No. 1000
 Elevation (Sprint Level) 1007.27
 Quadrangle Arnoldsburg
 County CALHOUN District CENTER
 Engineer MAURICE
 Engineer's Registration No. 975
 File No. _____ Drawing No. _____
 Date Sept. 5, 1961 Scale 1"=1221'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. _____

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 - Denotes one inch spaces on border line of original tracing.

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WW-4A
Revised 6-07

1) Date: 10/01/2020
2) Operator's Well Number
Hardman, A. #11
3) API Well No.: 47 - 013 - 00639

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

4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Bee Creek Hunting Club, Inc.</u>	Name _____
Address <u>PO Box 844</u>	Address _____
<u>Grantsville, WV 26147</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>See attachment.</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Joe Taylor</u>	(c) Coal Lessee with Declaration
Address <u>1478 Claylick Road</u>	Name _____
<u>Ripley, WV 25271</u>	Address _____
Telephone <u>304-380-7469</u>	_____

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

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. ~~When this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.~~

NOV 18 2020



Well Operator	<u>EnerVest Operating LLC</u>	WV Department of Environmental Protection
By:	<u>Steve Downey</u>	
Its:	<u>Vice President & General Manager</u>	
Address	<u>300 Capitol Street East, Suite 200</u>	
	<u>Charleston, WV 25301</u>	
Telephone	<u>304-343-5505</u>	

Subscribed and sworn before me this 5th day of October, 2020
Alison E. Winter Notary Public
My Commission Expires June 5, 2021

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyoffier@wv.gov.

**ATTACHMENT TO FORM WW-4B
HARDMAN, A. #11
API WELL NO.: 47-013-00639**

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: Laure Pollack Reed
Address: 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

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NOV 18 2020

WV Department of
Environmental Protection

Name: Melinda Ann Ashley
C/O Varda Oil & Gas, Inc.
Address: 3557 Ripley Rd.
Spencer, WV 25276

Name: EDCO Minerals, LLC
Address: 6394 US HWY E
Glennville, 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

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Office of Oil and Gas
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WV Department of
Environmental Protection



ENERVEST

ENERVEST OPERATING, L.L.C.

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 #11 Well
API# 47-013-00639
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)

This application is being filed by EnerVest Operating, L.L.C. ("EnerVest") with the Administrator of the Office of Oil and Gas of the West Virginia Department of Environmental Protection. If you have no objections to the proposed process for the plugging of this well, please sign the Voluntary Statement of No Objection on the Surface Owner Waiver and return one copy to our office, in the self-addressed, pre-paid envelope that enclosed with this letter.

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

RECEIVED
Office of Oil and Gas

NOV 18 2020

WV Department of
Environmental Protection

47-013-00639P



ENERVEST

ENERVEST OPERATING, L.L.C.

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 and 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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 Total Postage and Fees \$
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 Bee Creek Hunting Club, Inc.
 Street and Apt. No., or PO Box No.
 P.O. Box 844
 City, State, ZIP+4®
 Grantsville, WV 26147

Postmark Here
 OCT 26 2020
 OH 44622
 EnerVest
 Troy V.

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

47-013-00639P

Hunting Club, Inc.

4

WV 26147

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postmark
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Postage	\$
Total Postage and Fees	\$

EnerVest
Troy V.

Sent To	Bee Creek Hunting Club, Inc.
Street and Apt. No., or PO Box No.	P.O. Box 844
City, State, ZIP+4®	Grantsville, WV 26147

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7019 1640 0001 4233 2263
7019 1640 0001 4233 2263



Operating LLC
WELL RD
+10 44622

ek

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:

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



9590 9402 5428 9189 4787 04

2. Article Number (Transfer from service label)

7019 1640 0001 4233 2263

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? Yes
 If YES, enter delivery address below: No

3. Service Type

- Adult Signature
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- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery (\$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Return Receipt for Merchandise
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

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 WV Department of
 Environmental Protection

47-013-006391



ENERVEST

ENERVEST OPERATING, L.L.C.

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

October 21, 2020

VIA USPS CERTIFIED MAILJulia Baysinger
173 Columbus St.
Sebastian, FL 32958RE: Plugging Permit Hardman A. #11 Well
API# 47-013-00639
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)

This application is being filed by EnerVest Operating, L.L.C. ("EnerVest") with the Administrator of the Office of Oil and Gas of the West Virginia Department of Environmental Protection. If you have no objections to the proposed process for the plugging of this well, please sign the Voluntary Statement of No Objection on the Surface Owner Waiver and return one copy to our office, in the self-addressed, pre-paid envelope that enclosed with this letter.

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

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WV Department of
Environmental Protection

47-013-00639P



ENERVEST

ENERVEST OPERATING, L.L.C.

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 and 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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Office of Oil and Gas
NOV 18 2020
WV Department of
Environmental Protection

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Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

Total Postage and Fees \$

Sent To
Julia Baysinger
Street and Apt. No., or PO Box No.
173 Columbus St.
City, State, ZIP+4®
Sebastian, FL 32958

Postmark
Date
NOV 26 2020
Postmark
Office
44622

EnerVest Troy V.

PS Form 3800, April 2015 PSN 7530-02-000-9007 See Reverse for Instructions

47-013-00639 P

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L 32958

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

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Postage	
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Total Postage and Fees	
\$	

Enervest Troy V.

Sent To
Julia Baysinger
 Street and Apt. No., or PO Box No.
173 Columbus St.
 City, State, ZIP+4®
Sebastian, FL 32958

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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Operating LLC
748 SALTWELL RD
OVER, OHIO 44622

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Julia Baysinger
 173 Columbus St.
 Sebastian, FL 32958



9590 9402 5428 9189 4794 42

2. Article Number (Transfer from service label)

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

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A. Signature

X

- Agent
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- Signature Confirmation™
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47-013-00639P

47-013-00639 P



ENERVEST

ENERVEST OPERATING, L.L.C.

1748 Saltwell Road, Dover, Ohio 44522
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, #11 Well
API# 47-013-00639
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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Permit Administrator
West Virginia Division of Environmental Protection
Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

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47-013-00639P



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ENERVEST OPERATING, L.L.C.

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 and 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
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<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To
Natalie Lynn Smith
Street and Apt. No., or PO Box No.
2456 Reading Road
City, State, ZIP+4®
Cincinnati, OH 45215

Postmark: NOV 18 2020
Dover, OH
EnerVest
Troy Valasek

PS Form 3800, April 2015 PSN 7530-02-000-907 See Reverse for Instructions

47-013-00639A

Lynn Smith
Reading Road
Cincinnati, OH 45215

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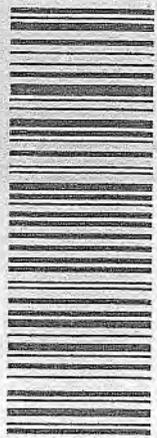
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EnerVest
Troy V.

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Natalie Lynn Smith	
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City, State, ZIP+4®	
Cincinnati, OH 45215	

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Troy Valasek
EnerVest Operating LLC
748 SALTWELL RD
TROY, OHIO 44622

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Natalie Lynn Smith
9456 Reading Road
Cincinnati, OH 45215



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

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ENERVEST OPERATING, L.L.C.

1748 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. #11 Well
API# 47-013-00639
Center District, Calhoun County, WV

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Office of Oil and Gas

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Environmental Protection

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



ENERVEST

ENERVEST OPERATING, L.L.C.

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

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Sincerely,
EnerVest Operating, L.L.C.

Troy Valasek
Senior Landman

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WV Department of
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Enclosures

cc: File

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<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To
 Melanie Sue Smith (O'Callaghan)
 Street and Apt. No., or PO Box No.
 1681 Oak Crest Ct.
 City, State, ZIP+4®
 Marietta, GA 30066

DOVER, OH 44622
 OCT 18 2020
 Postmark Here
 EnerVest
 Troy V.

PS Form 3800, April 2015 PSN 7520-02-000-9017 See Reverse for Instructions

47-013 - 00639P

Smith (O'Callaghan)
+ Ct.
30066



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7019 1640 0001 4233 2232

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<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postmark
Here

Postage	\$
Total Postage and Fees	\$

EnerVest
Troy V.

Sent To	Melanie Sue Smith (O'Callaghan)
Street and Apt. No., or PO Box No.	1681 Oak Crest Ct.
City, State, ZIP+4®	Marietta, GA 30066

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

RECEIVED
Office of Oil and Gas
NOV 18 2020
WV Department of
Environmental Protection

EnerVest Operating LLC
1748 SALTWELL RD
DOVER, OHIO 44622

1109 VALDEN

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:
 Melanie Sue Smith (O'Callaghan)
 1681 Oak Crest Ct.
 Marietta, GA 30066



9590 9402 5428 9189 4786 67

2. Article Number (Transfer from service label)
 7019 1640 0001 4233 2232

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? Yes
 If YES, enter delivery address below: No

3. Service Type
- | | |
|------------------------------------------------------------------------|---------------------------------------------------------------------|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery |
| <input checked="" type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Return Receipt for Merchandise |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation™ |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Insured Mail | |
| <input type="checkbox"/> Insured Mail Restricted Delivery (\$500) | |

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

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 WV Department of
 Environmental Protection

47-013-00639 P



ENERVEST

ENERVEST OPERATING, L.L.C.

1748 Saltwell 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. #11 Well
API# 47-013-00639
Center District, Calhoun County, WV

RECEIVED
Office of Oil and Gas
NOV 18 2020
WV Department of
Environmental 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:

- 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)

This application is being filed by EnerVest Operating, L.L.C. ("EnerVest") with the Administrator of the Office of Oil and Gas of the West Virginia Department of Environmental Protection. If you have no objections to the proposed process for the plugging of this well, please sign the Voluntary Statement of No Objection on the Surface Owner Waiver and return one copy to our office, in the self-addressed, pre-paid envelope that enclosed with this letter.

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



ENERVEST

ENERVEST OPERATING, L.L.C.

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 and 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

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Division of Oil and Gas

NOV 18 2020

WV Department of
Environmental Protection

Enclosures

cc: File

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PS Form 3800, April 2015 (PSN 7530-02-000-9007) See Reverse for Instructions	

47-013-00639P

Sayre, Trustee
Sayre Revocable Trust
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EnerVest
Troy V.

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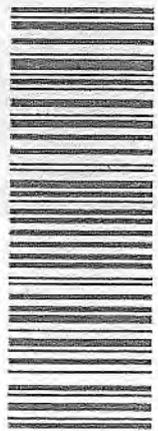
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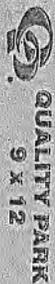
WV Department of
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EnerVest Operating LLC
1748 SALTWELL RD
DOVER, OHIO 44622

47-013-06639P



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 Kathryn S. Sayre Revocable Trust
 2085 Pennsylvania Ave.
 St. Albans, WV 25177



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

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ENERVEST

ENERVEST OPERATING, L.L.C.

1748 Saltwell Road, Dover, Ohio 44622
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. #11 Well
API# 47-013-00639
Center District, Calhoun County, WV

Dear Coal Owner:

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WV Department of
Environmental Protection

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Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304



ENERVEST

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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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Troy V.

47-013-00639P

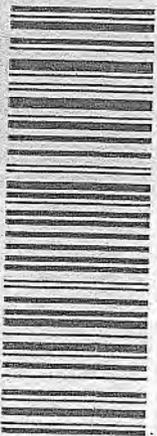
Taylor
view Dr.
25276

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EnerVest
Troy V.

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Troy Valasek
EnerVest Operating LLC
1748 SALTWELL RD
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47-013-00639P



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ENERVEST OPERATING, L.L.C.

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

October 21, 2020

VIA USPS CERTIFIED MAIL

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

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WV Department of
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RE: Plugging Permit Hardman A. #11 Well
API# 47-013-00639
Center District, Calhoun County, WV

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Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304



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Phone: (330) 602-5551

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Sincerely,
EnerVest Operating, L.L.C.

Troy Valasek
Senior Landman

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WV Department of
Environmental Protection

Enclosures

cc: File

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47-013-00639P



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rVest Operating LLC
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Addressee

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ENERVEST

ENERVEST OPERATING, L.L.C.

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

October 21, 2020

VIA USPS CERTIFIED MAILBarbara E. Weiner Nichols
207 Beauty Street
Spencer, WV 25276RE: Plugging Permit Hardman A. #11 Well
API# 47-013-00639
Center District, Calhoun County, WV

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Office of Oil and Gas
601 57th Street, SE
Charleston, WV 25304

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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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207 Beauty Street
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Spencer, WV 25276

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47-013 - 00639P

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Y Street
V 25276

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EnerVest
Troy V.

Postage
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Spencer, WV 25276

PS Form 3800, April 2015 PSN 7530 02-000-9047 See Reverse for Instructions

Troy Valasek
EnerVest Operating LLC
1748 SALTWELL RD
DOVER, OHIO 44622

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2. Article Number (Transfer from service label)

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47-013-006398



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ENERVEST OPERATING, L.L.C.

1748 Saltwell Road, Dover, Ohio 44622
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. #11 Well
API# 47-013-00639
Center District, Calhoun County, WV

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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 and 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

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Enclosures

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Sent To: Charles Frederick Varda
Street and Apt. No., or PO Box No.: 3567 Ripley Road
City, State, ZIP+4: Spencer, WV 26276

PS Form 3800, April 2015 PSN 7530-12-001-9047 See Reverse for Instructions

47-03-00639P

erick Varda
12 Gas, Inc.
Road
Spencer, WV 25276

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EnerVest
Troy V.

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Charles Frederick Varda	
Street and Apt. No., or PO Box No.	
3557 Ripley Road	
City, State, ZIP+4®	
Spencer, WV 25276	

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EnerVest Operating LLC
1748 SALTWELL RD
DOVER, OHIO 44622

47-013-00639P



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1. Article Addressed to:

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



9590 9402 5428 9189 4787 11

2. Article Number (Transfer from service label)

7019 1640 0001 4233 2294

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X

- Agent
- Addressee

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- Mail Restricted Delivery (500)
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- Registered Mail Restricted Delivery
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- Signature Confirmation™
- Signature Confirmation Restricted Delivery



ENERVEST

ENERVEST OPERATING, L.L.C.

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

October 21, 2020

VIA USPS CERTIFIED MAIL

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

RE: Plugging Permit Hardman A. #11 Well
API# 47-013-00639
Center District, Calhoun County, WV

RECEIVED
Office of Oil and Gas
NOV 18 2020
WV Department of
Environmental 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:

- 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:

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



ENERVEST

ENERVEST OPERATING, L.L.C.

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

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Sincerely,
EnerVest Operating, L.L.C.

Troy Valasek
Senior Landman

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WV Department of
Environmental Protection

Enclosures

cc: File

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<input type="checkbox"/> Return Receipt (hardcopy) \$	
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<input type="checkbox"/> Certified Mail Restricted Delivery \$	
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Sent To John Allen Varda Street and Apt. No., or PO Box No. 3557 Ripley Road City, State, ZIP+4® Spencer, WV 25976	
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<input type="checkbox"/> Adult Signature Required	\$
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EnerVest
Troy V.

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John Allen Varda
Street and Apt. No., or PO Box No.
3557 Ripley Road
City, State, ZIP+4
Spencer, WV 25276

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7019 1640 0001 4233 4373
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y Valasek
EnerVest Operating LLC
8 SALTWELL RD
VER, OHIO 44622

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1. Article Addressed to:

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



9590 9402 5428 9189 4785 99

2. Article Number (Transfer from service label)

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| <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500) | |

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47-013-00639P



ENERVEST

ENERVEST OPERATING, L.L.C.

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

October 21, 2020

VIA USPS CERTIFIED MAIL

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

RE: Plugging Permit Hardman A. #11 Well
API# 47-013-00639
Center District, Calhoun County, WV

RECEIVED
Office of Oil and Gas
NOV 18 2020
WV Department of
Environmental Protection

Dear Coal Owner:

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- Coal Owner Waiver (2 copies)

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



ENERVEST

ENERVEST OPERATING, L.L.C.

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

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Sincerely,
EnerVest Operating, L.L.C.

Troy Valasek
Senior Landman

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Postage	\$
Total Postage and Fees	\$
Sent To Melinda Ann Ashley Street and Apt. No., or PO Box No. 3557 Ripley Road City, State, ZIP+4® Spencer, WV 25276	
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47-013-00639 P

Melinda Ann Ashley
Oil & Gas, Inc
Ripley Road
Spencer, WV 25276

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Troy V.

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Spencer, WV 25276

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1748 SALTWELL RD
DOVER, OHIO 44622

47-013-00639P

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1. Article Addressed to:

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



9590 9402 5428 9189 4786 43

2. Article Number (Transfer from service label)

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A. Signature

X

Agent

Addressee

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ENERVEST

ENERVEST OPERATING, L.L.C.

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
Glennville, WV 26351

RE: Plugging Permit Hardman A. #11 Well
API# 47-013-00639
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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Office of Oil and Gas
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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



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ENERVEST OPERATING, L.L.C.

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

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Sincerely,
EnerVest Operating, L.L.C.

Troy Valasek
Senior Landman

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WV Department of
Environmental Protection

Enclosures

cc: File

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	\$

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DOVER, OH 44622
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EnerVest
Troy U.

Sent To
EDCO Minerals, LLL
Street and Apt. No., or PO Box No.
6394 US Hwy 33 E
City, State, ZIP+4®
Glennville, WV 26351

*S Form 3800, April 2015 PSN 7530-02-000-9041 See Reverse for Instructions

47-013-00639 P



S, LLC
33 E
/ 26351

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<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
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Total Postage and Fees	
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EnerVest
Troy V.

Sent To	
EDCO Minerals, LLC	
Street and Apt. No., or PO Box No.	
6394 US Hwy 33 E	
City, State, ZIP+4®	
Blenville, WV 26351	

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7019 1640 0001 4233 4380
7019 1640 0001 4233 4380

asek
t Operating LLC
LTWELL RD
OHIO 44622

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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

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



9590 9402 5428 9189 4787 35

2. Article Number (Transfer from service label)

7019 1640 0001 4233 4380

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

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- Adult Signature Restricted Delivery
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- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Registered Mail
- Registered Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Return Receipt for Merchandise
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47-013-006398



ENERVEST

ENERVEST OPERATING, L.L.C.

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

October 21, 2020

VIA USPS CERTIFIED MAILRebecca Elberfeld Hoge
P.O. Box 114
New Knoxville, OH 45871RE: Plugging Permit Hardman A. #11 Well
API# 47-013-00639
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:

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- Coal Owner Waiver (2 copies)

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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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Office of Oil and Gas

NOV 18 2020

West Virginia Department of
Environmental Protection



ENERVEST

ENERVEST OPERATING, L.L.C.

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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<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	\$
Total Postage and Fees	\$
Sent to	DOVER, OH 44622
Street and Apt. No., or PO Box No.	Postmark Here
P.O. Box 114	OCT 25 2020
City, State, ZIP+4®	EnerVest Troy V.
New Knoxville, OH 45871	
PS Form 3800, April 2015 PSN 7530-02-000-9017 See Reverse for Instructions	

47-013-00639P

Elberfeld Hoge
H
Knoxville, OH 45871

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Office of Oil and Gas

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- Return Receipt (hardcopy) \$ _____
- Return Receipt (electronic) \$ _____
- Certified Mail Restricted Delivery \$ _____
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Tray V.

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Rebecca Elberfeld Hoge

Street and Apt. No., or PO Box No.

P.O. Box 114

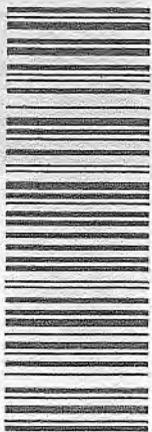
City, State, ZIP+4®

New Knoxville, OH 45871

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7019 1640 0001 4233 4274
7019 1640 0001 4233 4274



Vest Operating LLC
SALTWELL RD
ER, OHIO 44622

QUALITY PARK
9 x 12

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1. Article Addressed to:

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



9590 9402 5428 9189 4786 29

2. Article Number (Transfer from service label)

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

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47-013-00639A



ENERVEST

ENERVEST OPERATING, L.L.C.

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. #11 Well
API# 47-013-00639
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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This application is being filed by EnerVest Operating, L.L.C. ("EnerVest") with the Administrator of the Office of Oil and Gas of the West Virginia Department of Environmental Protection. If you have no objections to the proposed process for the plugging of this well, please sign the Voluntary Statement of No Objection on the Surface Owner Waiver and return one copy to our office, in the self-addressed, pre-paid envelope that enclosed with this letter.

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



ENERVEST

ENERVEST OPERATING, L.L.C.

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 and 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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<input type="checkbox"/> Return Receipt (electronic)	\$	
<input type="checkbox"/> Certified Mail Restricted Delivery	\$	
<input type="checkbox"/> Adult Signature Required	\$	
<input type="checkbox"/> Adult Signature Restricted Delivery	\$	
Postage	\$	
Total Postage and Fees	\$	

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City, State, ZIP+4®
East Wenatchee, WA 98802

PS Form 3800, April 2015 PSN 7530-02 008-9147 See Reverse for Instructions

47-013-00639P



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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

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Postage	
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Total Postage and Fees	
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EnerVest
Tray V.

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Tuason Living Trust	
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City, State, ZIP+4®	
East Wenatchee, WA 98802	

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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T O W

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1. Article Addressed to:

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



9590 9402 5428 9189 4786 36

2. Article Number (Transfer from service label)

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

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- Collect on Delivery Restricted Delivery
- Insured Mail
- Mail Restricted Delivery (500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Return Receipt for Merchandise
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

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 Office of Child Care

47-013-006398

WW-9
(5/16)

API Number 47 - 013 - 00639
Operator's Well No. _____

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

Operator Name EnerVest Operating LLC OP Code 30-9999

Watershed (HUC 10) Middle Little Kanawha River Quadrangle Arnoldsburg

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes No

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

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

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain No pit to be built. Any well effluent will be contained in tanks and properly disposed offsite)

Will closed loop system be used? If so, describe: _____

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

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

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Additives to be used in drilling medium? _____

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. At discretion of contractor.

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

WV Department of
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-Landfill or offsite name/permit number? _____

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature Steve M. Downey

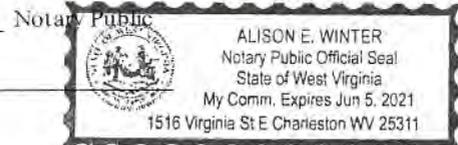
Company Official (Typed Name) Steve Downey

Company Official Title Vice President and General Manager

Subscribed and sworn before me this 5th day of October, 2020

Alison E. Winter

My commission expires June 5, 2021



Operator's Well No. _____

Proposed Revegetation Treatment: Acres Disturbed 2.00 Prevegetation pH 6.5

Lime according to PH test Tons/acre or to correct to pH 7.0

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch Hay or Straw 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type	lbs/acre
Orchard Grass	25
Birdsfoot Trefoil	15
Ladino Clover	10

Seed Type	lbs/acre
Orchard Grass	25
Birdsfoot Trefoil	15
Ladino Clover	10

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

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Plan Approved by: _____

Comments: _____

Sediment control is to be in place at All times

All disturbed Area are to be seeded, limed, fertilized, and mulched.

Title: _____

COG Inspector

Date: _____

11-17-20

Field Reviewed?

Yes

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

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

Plugging of shallow well. All residual fluids will be captured in portable flowback tanks for proper disposal

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

Plugging of shallow well. All residual fluids will be captured in portable flowback tanks for proper disposal

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

Closest Water Body: Bee Creek 1,100' +

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4. Summarize all activities at your facility that are already regulated for groundwater protection.

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

[Empty rectangular box for text entry]

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

[Empty rectangular box for text entry]

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

[Empty rectangular box for text entry]

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8. Provide provisions and frequency for inspections of all GPP elements and equipment.

[Empty rectangular box for text entry]

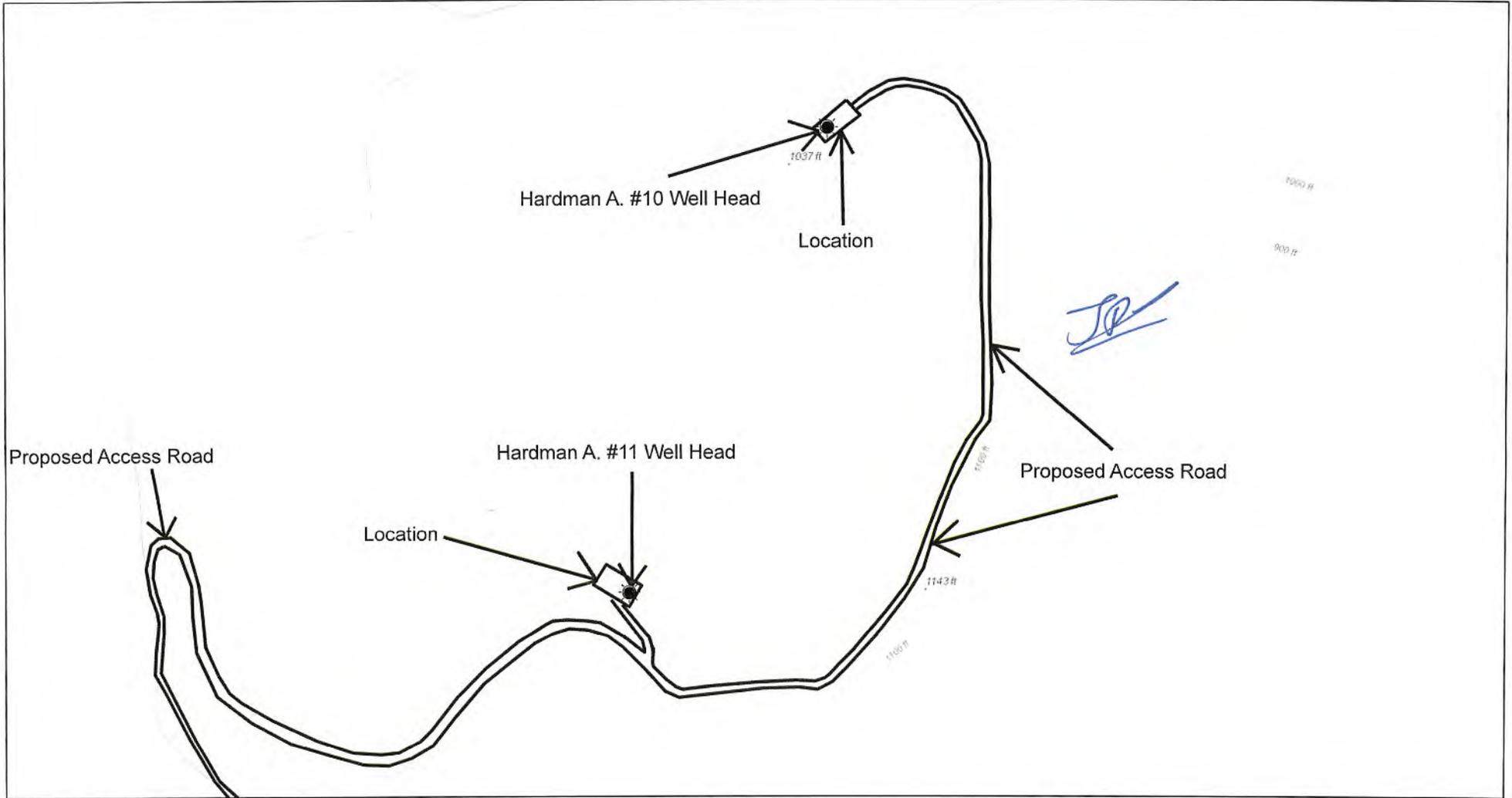
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Environmental Protection

Signature: _____

Date: _____

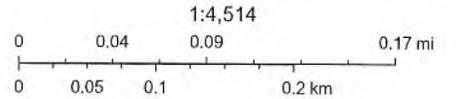
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11-17-20

ArcGIS Web Map



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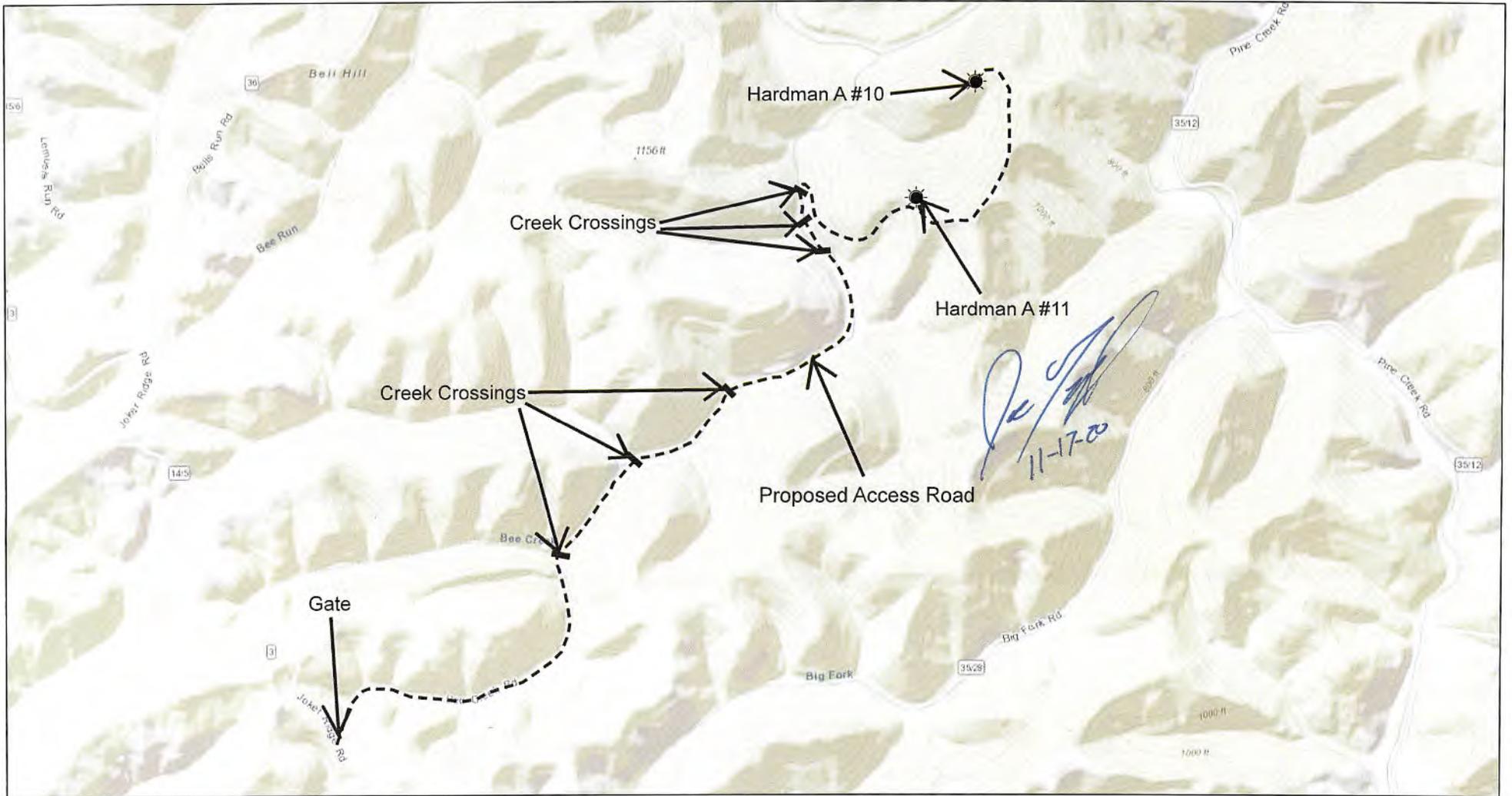


Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Web AppBuilder for ArcGIS
VITA, West Virginia GIS, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA |

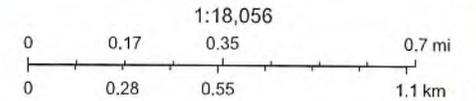
47-013-00639P

ArcGIS Web Map



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Web AppBuilder for ArcGIS
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47-013-00639 P

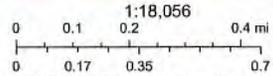
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WV Oil & Gas Wells (WVOG)



6/4/2020, 2:41:08 PM

- Individual Wells
- ★ Oil and Gas Combination
 - ◇ Gas
 - Oil
 - Other (including Permits)
 - ◇ Dry
 - ▲ Service
- [] State Boundary
 [] Counties
 [] 7.5' Quadrangles
 [] County Labels



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JDS

Hardman, A. # 11
API # 4701300639

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- 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
- 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

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WW-7
8-30-06



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

API: 47-013-00639 WELL NO.: Hardman, A. #11

FARM NAME: Allen Hardman

RESPONSIBLE PARTY NAME: Troy M. Valasek

COUNTY: Calhoun DISTRICT: Center

QUADRANGLE: Arnoldsburg

SURFACE OWNER: Bee Creek Hunting Club, Inc.

ROYALTY OWNER: CGAS Properties, L.P.

UTM GPS NORTHING: 4306900.5

UTM GPS EASTING: 488207.6 GPS ELEVATION: 1007.27'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS ; Post Processed Differential

Real-Time Differential

Mapping Grade GPS ; Post Processed Differential

Real-Time Differential

4. **Letter size copy of the topography map showing the well location.**

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.


Signature

Sr. Landman
Title

10/21/20
Date

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