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west virginia department of environmental protection

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

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Thursday, October 18, 2018  
WELL WORK PLUGGING PERMIT  
Vertical Plugging

NOUMENON CORPORATION  
1616 CAPE CORAL PKWY WEST  
SUITE 102, PMB 248  
CAPE CORAL, FL 33914

Re: Permit approval for HOARD 4 HODGE  
47-061-00229-00-00

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: HOARD 4 HODGE  
Farm Name: HODGE, W. W.  
U.S. WELL NUMBER: 47-061-00229-00-00  
Vertical Plugging  
Date Issued: 10/18/2018

Promoting a healthy environment.

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## 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

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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 under the terms of that agreement.

1) Date 7/26, 2018  
2) Operator's  
Well No. HOARD # 4 HODGE  
3) API Well No. 47-061-00229

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 X

5) Location: Elevation 804' Watershed UPPER MONONGAHELA RIVER  
District UNION County Monongalia Quadrangle Morgantown nth

6) Well Operator Noumenon Corporation 7) Designated Agent Michael Shuman  
Address 2461 Mason Dixon Hwy Address 2461 Mason Dixon Hwy  
Core, WV 26541 Core, WV 26541

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Gayne Knitowski Name Noumenon Corporation  
Address PO Box 108 Address 2461 Mason Dixon Hwy  
Gormaniam, WV 26720 Core, WV 26541

10) Work Order: The work order for the manner of plugging this well is as follows:  
**See Attached Detailed Work Order on next page.**

All free casing will be pulled, any remaining casing will be ripped.  
*A MIN of 1/2x string weight must be attempted to pull all casing*

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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 *Gayne Knitowski* Date *8/1/2018*

**WW-4B****APPLICATION FOR PERMIT TO PLUG AND ABANDON****SECTION 10-WORK ORDER****API WELL #:** 47-061-00229**OPERATOR WELL #:** HOARD #4 HODGE

**WELL HISTORY:** WELL RECORD BY L.J. HOUZE CONVEX GLASS CO. SHOWS COMPLETION DATE 8/30/1925 WELL DRILLED TO A TOTAL DEPTH OF 1062'. A LOG PERFORMED BY BASIN SURVEYS INC, DATED 5/17/1974 SHOWS WELL HAD BEEN DRILLED DEEPER SOMETIME PRIOR TO LOG. LOG SHOWS TOTAL DEPTH TO BE 2930'.

**SITE PREPARATION:** WELL SITE AND ACCESS TO WELL WILL REQUIRE MINIMAL INITIAL EXCAVATION, DEPENDING ON WEATHER CONDITIONS ROAD MAY REQUIRE GRAVEL. UPON COMPLETION OF PLUGGING WELL, DRESSUP RECLAMATION SHOULD BE MINIMAL, SEDIMENT CONTROL BARRIERS WILL BE INSTALLED AS NECESSARY BEFORE ANY EXCAVATION IS PERFORMED AND AS NECESSARY ALONG THE PLUGGING PROCESS.

**SURFACE ELEVATION:** 804'**CASINGS IN WELL:** 32' OF 13" (1925 WELL RECORD)

125' OF 10" (1925 WELL RECORD)

537' OF 8" (1925 WELL RECORD)

975' OF 7" (1974 LOG)

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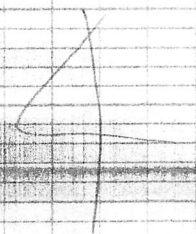
- **BOTTOM PLUG:** MECHANICAL PLUG TO BE SET IN 7" CASING AT 950' BY KLX ENERGY SERVICES
- **7" CASING:** CUT CASING AT 900' BY KLX ENERGY SERVICES, RIP CASING COLLARS FROM 950' TO 900', RUN CEMENT PLUG FROM 950' TO 900', ATTEMPT TO PULL CASING, IF UNABLE TO PULL RIP CASING COLLARS FROM 900' TILL FREEPOINT IS FOUND OR TILL AT DEPTH OF 537', CUT CASING AT 537', RUN CEMENT PLUGS FROM 900' TO 537', ATTEMPT TO PULL CASING, IF UNABLE TO PULL CONTINUE RIPPING CASING COLLARS TILL FREEPOINT IS FOUND.
- **8" CASING:** ATTEMPT TO PULL CASING, IF UNABLE TO PULL, START RIPPING CASING COLLARS FROM 537' TILL FREEPOINT IS FOUND OR TILL AT A DEPTH OF 125', CUT CASING AT 125', RUN CEMENT PLUGS FROM 537' TO 125', ATTEMPT TO PULL CASING, IF UNABLE TO PULL CONTINUE RIPPING CASING COLLARS FROM 125' TILL FREEPOINT IS FOUND.
- **10" CASING:** ATTEMPT TO PULL CASING, IF UNABLE TO PULL, START RIPPING CASING COLLARS FROM 125' TILL FREEPOINT IS FOUND OR TILL AT A DEPTH OF 32', CUT CASING AT 32', RUN CEMENT PLUGS FROM 125' TO 32', ATTEMPT TO PULL CASING, IF UNABLE TO PULL CONTINUE RIPPING COLLARS TILL FREEPOINT IS FOUND.
- **13" CASING:** ATTEMPT TO PULL CASING, IF UNABLE TO PULL START RIPPING CASING COLLARS FROM 32' TILL FREEPOINT IS FOUND OR TO SURFACE, RUN CEMENT PLUG FROM 32' TO SURFACE, SET MONUMENT.
- **MONUMENT:** STEEL PIPE, 4"-6" IN DIAMETER, 10' BELOW SURFACE INTO WELL BORE, 36" ABOVE GROUND, API # WELDED ONTO SURFACE OF PIPE, 2" HEIGHT NUMBERING.

**RECLAMATION:** UPON COMPLETION OF PLUG. WELL SITE AND ACCESS ROADS WILL BE RETURNED TO AS GOOD OR BETTER CONDITION PRIOR TO PROJECT. CASING REMOVED FROM WELL WILL BE REMOVED FROM SITE. WELL SITE AND ACCESS ROADS WILL BE SEEDED AND MULCHED. ALL SEDIMENT CONTROL BARRIERS WILL BE LEFT IN PLACE, PENDING APPROVAL FROM INSPECTOR FOR REMOVAL, ONCE AREAS REVEGETATE.



SE 1/4 23M  
M/L D...  
ENH...  
P...

47-061-00229 P



Bic. Line

900

BL



BI

Bottom of 7"

Bis Inj.

1000

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well #4  
**WELL RECORD**

#184-1 47-061-00229P

Map No. 1

\$77.40 annually

\$77.50

WELL NO. 1

A. S. JAQUITH

LEASE Wm. Hoard

COMPANY L. J. HOUSE CONVEX GLASS CO., ACRES 4.7

RECORD COMPILED BY

SEC. D-1 Union RGE COUNTY Monongalia STATE W. Va.

SURVEY BLOCK SECTION

LOCATION

STAKED BY DATE 19 ELEVATION 803.7

RIG COMMENCED 19 COMPLETED 19 CONTR.

TOOLS	STARTED	COMPLETED	FROM	TO	CONTRACTOR
ROTARY					
CABLE	7/2/25	8/30/25	0	1062'	

CONTRACTOR

CABLE 7/2/25 8/30/25 0 1062'

COMPLETION METHOD

PRODUCTION DATA

GAS WELL SHUT-IN PRESSURE VOLUME M. CU. FT.

**CASING AND TUBING RECORD**

SIZE HOLE DRILLED	DEPTH	CASING SIZE	WT.	THDG.	MAKE, TYPE, GRADE, NEW, USED	CASING POINT	PULLED	LEFT IN	CEMENT		REMARKS
									SACKS	ESTIMATED TOP	
IN	32'	13" OD								FT.	
	125'	10									
	537'	8									
			950								

**(2) ACIDIZING RECORD**

**(3) PRODUCING METHODS**

DATE	WELL FLOWING NATURAL FROM 19 TO 19
QUANTITY (GALS.)	PRODUCED BY GAS LIFT IN. TUBING FROM 19 TO 19
MAX TUB. PR.	
MAX. CAS'G PR.	OTHER LIFTS
BLANKET	
HOURS	PUT ON JACK/BEAM/UNIT
METHOD	

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**(4) SAND RECORD**

	NAME	TOP	BOTTOM	THICKNESS	CONTENT	COLOR, HARD OR SOFT
OIL BEFORE	Big Injun Gas	950	1062	112	gas	
OIL AFTER	" "		1035			
WATER BEFORE	" "		1053			
WATER AFTER	" "	1056-	1062			
DONE BY						

(CONTINUED)

- 1 CASING RECORD
- 2 ACIDIZING RECORD
- 3 PRODUCING METHOD
- 4 SAND RECORD
- 5 TORPEDO RECORD
- 6 SWABBING RECORD
- 7 PLUG BACK RECORD
- 8 PACKERS
- 9 CLEANOUT RECORD
- 10 DEFLECTION
- 11 PLUGGING RECORD
- 14 WELL LOG

WELL RECORD—(Continued)

WELL NO. 1

LEASE Wm. Heard

(12) ADDITIONAL INFORMATION

(13) MATERIAL LOST IN HOLE

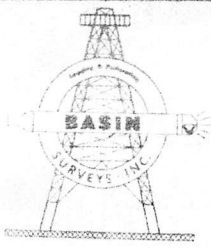
(14)

WELL LOG

FORMATION	FROM	TO	NO. OF FEET	DRILL. TIME	FORMATION	FROM	TO	NO. OF FEET	DRILL. TIME
Little Dunkard	140	200	60						
Big Dunkard	225	237	12						
Freeport coal	237	249	12						
Salt sand	525	700	175						
Little Lime	831	845	14						
Big Lime	870	950	80						
Big Injun	950	1062	112						
Total depth		1062							

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# Basin Surveys, Inc.

## NEUTRON LOG

CLIFFORD HOARD WELLS

FILING NO. Permit # NA Mon - 281	COMPANY <u>Keystone Gas Company</u>
	WELL <u>Hoard #4</u>
	FIELD <u>Union District</u>
	COUNTY <u>Madison 9A19</u> STATE <u>WVA</u>
LOCATION: MAP # <u>40</u>	
OTHER LOGS:	
SEC. _____ TWP. _____ RGE. _____	

PERMANENT DATUM <u>RL</u> ELEV. <u>814</u>	ELEVATIONS:
LOG MEASURED FROM <u>Top of casing 1" dia</u>	KB. _____
DRILLING MEASURED FROM _____	DF. _____
	GL. _____

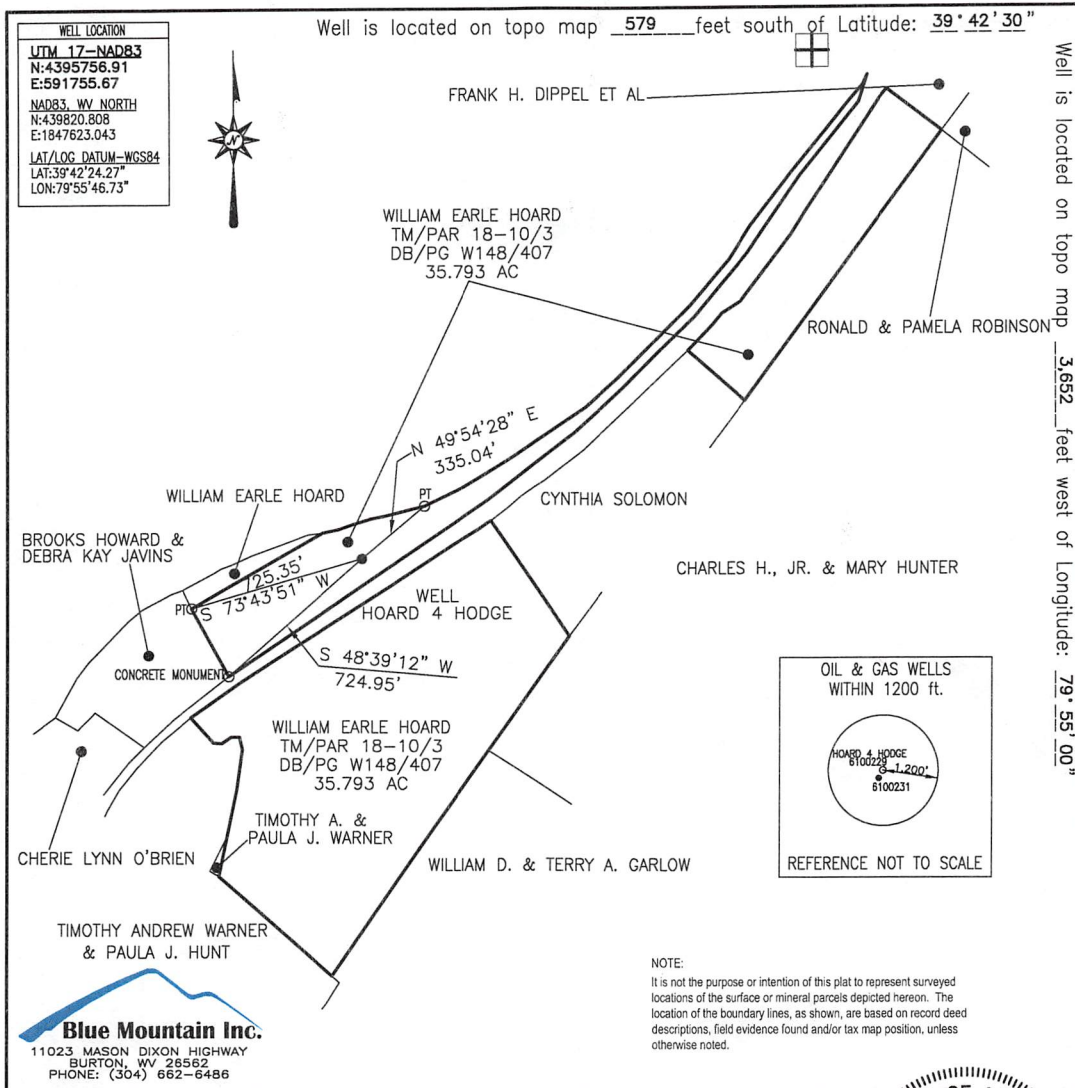
DATE	<u>5-11-14</u>	
RUN NO.	<u>240</u>	<u>740</u>
TYPE LOG	<u>Temp</u>	<u>CR</u>
DEPTH - DRILLER	<u>2932</u>	
DEPTH - LOGGER	<u>2930</u>	
BOTTOM LOGGED INTERVAL	<u>3000</u>	
TOP LOGGED INTERVAL	<u>800</u>	
TYPE FLUID IN HOLE	<u>dry</u>	
SALINITY PPM CL.		
DENSITY LB./GAL.		
LEVEL		
MAX. REC. TEMP. - DEG. F		
OPR. RIG TIME		
RECORDED BY		
WITNESSED BY		

RUN NO.	BORE HOLE RECORD			CASING RECORD			
	BIT	FROM	TO	SIZE	WGT.	FROM	TO
				<u>7"</u>		<u>0</u>	

THIS READING AND LOG CONFORM TO API STANDARD PRACTICE RP-33

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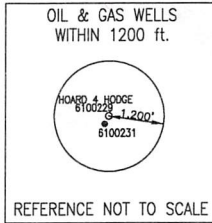
**WELL LOCATION**  
**UTM 17-NAD83**  
 N:4395756.91  
 E:591755.67  
**NAD83 - WV NORTH**  
 N:439820.808  
 E:1847623.043  
**LAT/LONG DATUM-WGS84**  
 LAT:39°42'24.27"  
 LONG:79°55'46.73"

Well is located on topo map 579 feet south of Latitude: 39°42'30"

Well is located on topo map 3.652 feet west of Longitude: 79°55'00"

**Blue Mountain Inc.**  
 11023 MASON DIXON HIGHWAY  
 BURTON, WV 26562  
 PHONE: (304) 662-6486

NOTE:  
 It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.



FILE #: <u>HOARD 4 HODGE</u>	I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.  Signed: <u>George D. Six</u>  R.P.E.: _____ L.L.S.: P.S. No. 2000	 PLACE SEAL HERE
DRAWING #: <u>HOARD 4 HODGE</u>		
SCALE: <u>1" = 600'</u>		
MINIMUM DEGREE OF ACCURACY: <u>1/2500</u>		
PROVEN SOURCE OF ELEVATION: <u>U.S.G.S. MONUMENT THOMAS 1498.81'</u>		
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304	DATE: <u>APRIL 18, 2018</u>	OPERATOR'S WELL #: <u>HOARD 4 HODGE</u>
Well Type: <input type="checkbox"/> Oil <input type="checkbox"/> Waste Disposal <input type="checkbox"/> Production <input type="checkbox"/> Deep <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Liquid Injection <input checked="" type="checkbox"/> Storage <input checked="" type="checkbox"/> Shallow	 API WELL #: <u>47</u> <u>61</u> <u>00229</u> STATE    COUNTY    PERMIT	RECEIVED Office of Oil and Gas <b>SEP 20 2018</b> WV Department of Environmental Protection
WATERSHED: <u>UPPER MONONGAHELA RIVER</u> ELEVATION: <u>804'</u>	COUNTY/DISTRICT: <u>MONONGALIA/UNION</u> QUADRANGLE: <u>MORGANTOWN NORTH, WV-PA 7.5'</u>	
SURFACE OWNER: <u>WILLIAM EARLE HOARD</u> ACREAGE: <u>35.793±</u>	OIL & GAS ROYALTY OWNER: _____ ACREAGE: _____	
DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> PLUG & ABANDON <input checked="" type="checkbox"/> CLEAN OUT & REPLUG <input type="checkbox"/> OTHER CHANGE <input type="checkbox"/> (SPECIFY): _____	TARGET FORMATION: _____ ESTIMATED DEPTH: _____	
WELL OPERATOR <u>NOUMENON CORPORATION</u> Address <u>2461 MASON DIXON HIGHWAY</u> City <u>CORE</u> State <u>WV</u> Zip Code <u>26541</u>	DESIGNATED AGENT <u>MICHAEL S. SHUMAN</u> Address <u>2461 MASON DIXON HIGHWAY</u> City <u>CORE</u> State <u>WV</u> Zip Code <u>26541</u>	

WW-4A  
Revised 6-07

1) Date: 7/26/2018  
2) Operator's Well Number  
HOARD # 4 HODGE  
3) API Well No.: 47 - 061 - 00229

**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>WILLIAM EARLE HOARD</u>	Name <u>UNKNOWN</u>
Address <u>678 HOARD ROAD</u>	Address <u>SEE ATTACHED STATEMENT OF NOTIFICATION</u>
<u>MORGANTOWN, WV 26508</u>	<u>SEE ALSO UPDATE TO NOTIFICATION</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
	Address _____
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>GAYNE KNITOWSKI</u>	(c) Coal Lessee with Declaration
Address <u>PO BOX 108</u>	Name _____
<u>GORMANIA, WV 26720</u>	Address _____
Telephone <u>304-546-8171</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. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

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Well Operator NOUMENON CORPORATION

By: *[Signature]* SEP 20 2018

Its: President

Address 2461 MASON DIXON HWY WV Department of  
Environmental Protection

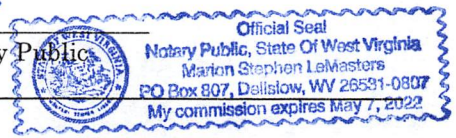
CORE, WV 26541

Telephone 304-879-5160

Subscribed and sworn before me this 30th day of July, 2018

*[Signature]* Notary Public

My Commission Expires May 7, 2022



**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](mailto:depprivacyoffier@wv.gov).

**UPDATE TO NOTIFICATION TO COAL RELATED PARTIES**

API#: 47-061-00229

WELL: HOARD # 4 HODGE

- COPIES OF PERMIT APPLICATION TO PLUG AND ABANDON WELL WAS SENT TO BOTH MURRAY ENERGY CORPORATION AND CONSOL ENERGY INC.
- NEITHER MURRAY NOR CONSOL RESPONDED
- COPY OF PERMIT APPLICATION WAS SENT TO LAND OWNER
- LAND OWNER COPY WAS RETURNED AS UNCLAIMED / UNDELIVERABLE
- AN UPDATED ADDRESS FOR LAND OWNER WAS FOUND AND A COPY OF PERMIT WAS DELIVERED AND SIGNED FOR
- LAND OWNER HAS NOT RESPONDED

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**STATEMENT OF NOTIFICATION TO COAL RELATED PARTIES**

API #: 47-061-00229

WELL: HOARD # 4 HODGE

- A SEARCH OF PUBLIC RECORDS DID NOT POSITIVELY IDENTIFY COAL OWNERS OR OPERATORS.
- INQUIRED WITH BLUE MOUNTAIN INC., THEY WERE UNABLE TO IDENTIFY, MARKED AS UNKNOWN.
- A CERTIFIED LETTER OF INQUIRY WAS SENT TO CONSOL ENERGY INC., WITH NO RESPONSE.
- NOTIFICATION FOR PERMIT TO PLUG AND ABANDON WELL HAVE BEEN SENT BY CERTIFIED MAIL TO BOTH CONSOL ENERGY INC. AND MURRAY ENERGY CORPORATION, AS THEY ARE THE MOST PROBABLE COAL RELATED PARTIES.
- NOTIFICATION HAS ALSO BEEN SENT BY CERTIFIED MAIL TO LANDOWNER WITH BOTH LAND OWNER WAIVER AND COAL RELATED WAIVER.

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WW-9  
(5/16)

API Number 47 - 061 - 00229  
Operator's Well No. HOARD 4 Hodge

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

Operator Name NOUMENON CORPORATION OP Code \_\_\_\_\_  
Watershed (HUC 10) UPPER MONONGAHELA RIVER Quadrangle MORGANTOWN NORTH WV PA 7.5

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 Waste fluids will be placed in tank for disposal by BBU Services)

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

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

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

Additives to be used in drilling medium? N/A

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

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

-Landfill or offsite name/permit number? N/A

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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.

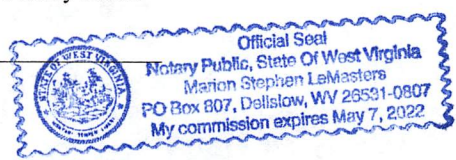
I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is 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 Philip B. Shuman  
Company Official (Typed Name) Philip B. Shuman  
Company Official Title President

Subscribed and sworn before me this 30th day of July, 2018

Marion Stephen LeMasters Notary Public

My commission expires May 7, 2022



Proposed Revegetation Treatment: Acres Disturbed 0.50 to 1.0 Prevegetation pH 5.5

Lime 2.0 Tons/acre or to correct to pH 6.0 or above

Fertilizer type 10-20-20 or better

Fertilizer amount 600lbs/acre lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Rye	50	Annual Rye	24
		Perennial Rye	20
		Boreal Red Fescue	5
		Inert and other seed	1

Attach:

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Title: Inspector

Date: 8/1/2018

Field Reviewed? (  ) Yes (  ) No

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WV Department of  
Environmental Protection





WW-7  
8-30-06



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

API: 47-061-00229 WELL NO.: Hoard 4 Hodge

FARM NAME: Hoard

RESPONSIBLE PARTY NAME: Noumenon Corporation

COUNTY: Monongalia DISTRICT: Union

QUADRANGLE: Morgantown North WV-PA 7.5

SURFACE OWNER: William Earle Hoard

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4395756.91 M (803')

UTM GPS EASTING: 591755.67 M GPS ELEVATION: 245.06 M

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

President  
Title

4/06/2018  
Date