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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)

Monday, June 8, 2020  
WELL WORK PERMIT  
Vertical / Re-Work

VIKING ENERGY CORPORATION  
P. O. BOX 13366

SISSONVILLE, WV 253600000

Re: Permit approval for E. KNIGHT 2  
47-039-02296-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: E. KNIGHT 2  
Farm Name: Viking Energy Corporation  
U.S. WELL NUMBER: 47-039-02296-00-00  
Vertical Re-Work  
Date Issued: 6/8/2020

A handwritten signature in blue ink, appearing to read 'James A. Martin', is positioned to the right of the typed name and title.

## 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.

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### CONDITIONS

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1. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code §22-6-20, which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
5. 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.
6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours.
7. Well work activities shall not constitute a hazard to the safety of persons.
8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to [DEPOOGNotify@wv.gov](mailto:DEPOOGNotify@wv.gov) within 30 days of commencement of drilling.

Viking T&O, LLC 47-039-02296W  
JUNE 8, 2020  
Pd 550.00  
ck No. 1802

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**WELL WORK PERMIT APPLICATION**

1) Well Operator: Viking Energy 

51440	Kanawha	POCA	POCATAICO
Operator ID	County	District	Quadrangle

2) Operator's Well Number: Knight #1 3) Elevation: 711.1

4) Well Type: (a) Oil \_\_\_\_\_ or Gas \_\_\_\_\_  
(b) If Gas: Production \_\_\_\_\_ / Underground Storage \_\_\_\_\_  
Deep  / Shallow \_\_\_\_\_

5) Proposed Target Formation(s): \_\_\_\_\_ Proposed Target Depth: 5586

6) Proposed Total Depth: 5586 Feet Formation at Proposed Total Depth: Newburg

7) Approximate fresh water strata depths: 200'

8) Approximate salt water depths: 1600'

9) Approximate coal seam depths: none

10) Approximate void depths, (coal, Karst, other): none

11) Does land contain coal seams tributary to active mine? no

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)

Milling upper slips on packer with overshot that has 3/4" wire inside. Will catch and pull packer out of hole.

Possibly making second trip to retrieve second packer the same way.

*August 20*  
*6-8-20*

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor	13 5/8"	H-40	48	118	118	75 SKS
Fresh Water	13 5/8"	H-40	48	118	118	75 SKS
Coal	N/A					
Intermediate	9 5/8"	LS	26	1740	1740	700 SKS
Production	7"	LS	23	5587	5587	150 SKS
Tubing	2 3/8"	J55	4.7	5495	5495	
Liners						

Packers: Kind: Baker Hughes lok set, weatherford arrowset

Sizes: 2 3/8"- 7", 2 3/8"-7"

Depths Set 5,495', 5508'

State of West Virginia  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
**WELL RECORD**

Rotary   
 Spudder   
 Cable Tool   
 Storage   
 Oil or Gas Well  Gas

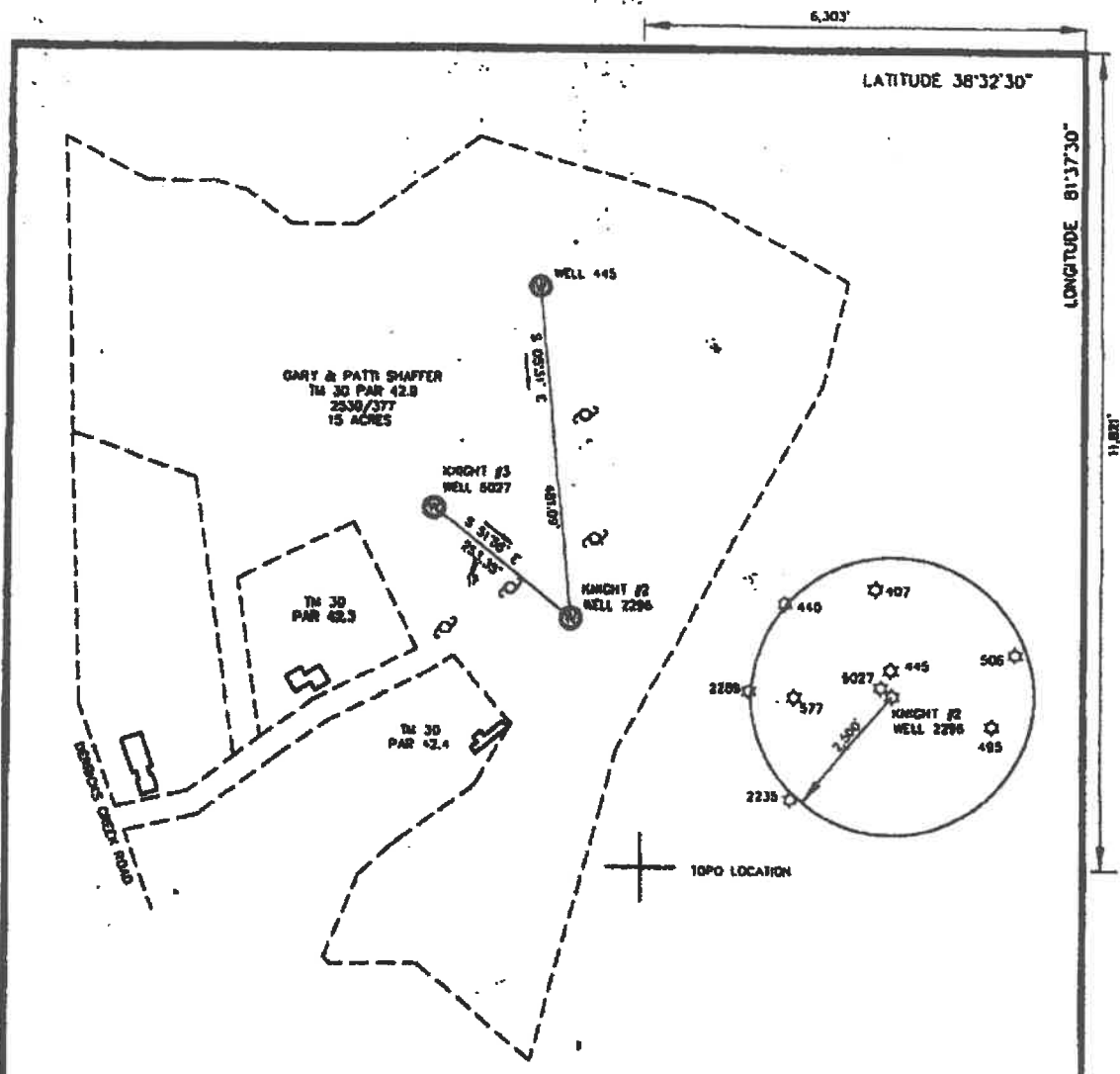
County No. **33-226**  
 Parcel No. **33-226**

Company **United Fuel Gas Company**  
 Address **P.O. Box 1273 Charleston, W.Va. 25325**  
 Name **Edna J. Knight ET AL** Acres **250**  
 Location (waters) **Tupper Creek**  
 Well No. **9499 PI** Elev. **731.11 ft**  
 District **Poca** County **Kanawha**  
 The surface of tract is owned in fee by **Edna J. Knight**  
 Address **Sissonville, W.Va**  
 Mineral rights are owned by **Edna J. Knight**  
 Address **Sissonville, W.Va**  
 Drilling commenced **8-17-68**  
 Drilling completed **8-21-68**  
 Date Shot **Hot Shot** From **7:00** To **7:00**  
 With **7" casing**  
 Open Flow **110ths Water in 30** Inch  
 Volume **30** Cu. Ft.  
 Rock Pressure **2011.3** lbs. hrs.  
 Oil **200** bls. 1st 24 hrs.  
 WELL ACIDIZED (DETAILS) **None**  
 WELL FRACTURED (DETAILS) **Mud 1000 Gallons 2200 Pressure Fill up 8000 Gallons 3000 Pressure**  
 Treating **21,370 Gallons 4100 Pressure Over Flush 9000 Gallons 4100 Pressure**  
 RESULT AFTER TREATMENT (Initial open flow or bbls.) **67 MCF**  
 ROCK PRESSURE AFTER TREATMENT **2011.3** Dead Weight **21** hours  
 Fresh Water **200** Feet  
 Producing Sand **Hennert** Depth **5591**

Penetration	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sd & Red Rock			0	210			
Sd & Shale			210	700	Wat @ 200'		
Salt Sand			700	950			
Sd & Shale			950	1000			
Salt Sand			1000	1430	Water 1050'		
Sd & Shale			1430	1500			
Big Lima			1500	1650			
Injun			1650	1725			
Snale			1725	2125			
Berea			2125	2235			
Shale			2135	4795			
Cornif.			4795	4805			
Oriskany			4805	4850	Short Gas		
Dolomite			4850	5585			
Hennert			5585	5591	Gas		
Total Depth				5591			



Date - **November 22, 1968**  
 Approved - **UNITED FUEL GAS COMPANY**, Owner  
 By: **William E. Hutchinson** Supt., Civil Engr. Dept.



FILE NO. DESIGN TECH INC  
 DRAWING NO. 11P-115  
 SCALE 1" = 200 FEET  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION GPS NAD 83/88

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 MINES.  
 (SIGNED) Kevin D. Schaper  
 R.P.E. \_\_\_\_\_ L.I.S. 923



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 FORM IV - 6 (8-78)



DATE OCTOBER 17, 20 11  
 OPERATIONS WELL NO. KNIGHT 2  
 API WELL NO. 47-39-02296B  
 STATE 47 COUNTY 39 PERMIT 02296B

Division of Environmental Protection  
 Office of Oil & Gas

WELL TYPE: OIL \_\_\_\_\_ GAS \_\_\_\_\_ LIQUID INJECTION \_\_\_\_\_ X WASTE DISPOSAL \_\_\_\_\_  
 (IF "GAS", PRODUCTION \_\_\_\_\_ STORAGE \_\_\_\_\_ DEEP \_\_\_\_\_ SHALLOW \_\_\_\_\_)  
 LOCATION: ELEVATION 704' WATER SPEED \_\_\_\_\_ TUPPER CREEK \_\_\_\_\_  
 DISTRICT POCA COUNTY KANAWHA  
 QUADRANGLE SISSONVILLE  
 SURFACE OWNER VIKING ENERGY ACREAGE 15.00  
 OIL & GAS ROYALTY OWNER VIKING ENERGY LEASE ACREAGE 51.80  
 LEASE NO. \_\_\_\_\_  
 PROPOSED WORK: DRILL \_\_\_\_\_ CONVERT X DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR  
 STIMULATE \_\_\_\_\_ PLUG OFF OLD FORMATION \_\_\_\_\_ PERFORATE NEW  
 FORMATION \_\_\_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_\_\_ CLEAN OUT AND REPLUG \_\_\_\_\_  
 TARGET FORMATION NEWBURG ESTIMATED DEPTH 5800  
 WELL OPERATOR VIKING ENERGY, INC DESIGNATED AGENT MICHAEL PINKERTON  
 ADDRESS PO BOX 13366 ADDRESS SAME AS OPERATOR  
SISSONVILLE, WV 25380

WW-2A  
(Rev. 6-14)

1). Date: 6/5/20  
2.) Operator's Well Number Knight #1  
State County Permit  
3.) API Well No.: 47- 039 - 02296

**STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE AND APPLICATION FOR A WELL WORK PERMIT**

4) Surface Owner(s) to be served:  
(a) Name VIKING ENERGY CORP.  
Address 8113 SISSONVILLE DR.  
SISSONVILLE, WV 25320  
(b) Name \_\_\_\_\_  
Address \_\_\_\_\_  
(c) Name \_\_\_\_\_  
Address \_\_\_\_\_  
5) (a) Coal Operator  
Name N/A  
Address \_\_\_\_\_  
(b) Coal Owner(s) with Declaration  
Name SAME AS SURFACE OWNER  
Address \_\_\_\_\_  
(c) Coal Lessee with Declaration  
Name N/A  
Address \_\_\_\_\_  
6) Inspector TERRY URBAN  
Address P. O. BOX 1207  
CLENDENIN, WV 25045  
Telephone 304-549-5915

**TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:**

OR Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through \_\_\_ on the above named parties by:

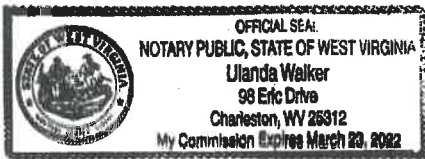
- Personal Service (Affidavit attached)
- Certified Mail (Postmarked postal receipt attached)
- Publication (Notice of Publication attached)

I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

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, 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 and imprisonment.

Well Operator VIKING ENERGY CORP  
By: MICHAEL PINKERTON  
Its: PRESIDENT  
Address: P. O. BOX 13366  
SISSONVILLE, WV 25360  
Telephone: 304-988-1161  
Email: epinkerton@viknqwell.com



Subscribed and sworn before me this 5<sup>th</sup> day of June, 2020

Ulanda Walker

Notary Public

My Commission Expires 3-23-2022

**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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov)



WW-2A Surface Waiver  
(4/16)

SURFACE OWNER WAIVER

County 039

Operator VIKING ENERGY CORP.  
Operator well number KNIGHT #1

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A**

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

**WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

**List of Water Testing Laboratories.** The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through \_\_\_ including a work order on Form WW2-B, a survey plat, WW-9, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Michael Pinkerton  
Signature

Date 06/05/202

Company Name VIKING ENERGY CORP.  
By MICHAEL PINKERTON

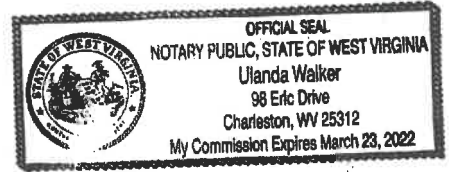
Michael Pinkerton

Print Name

President PRESIDENT Date 6/05/20

Michael Pinkerton  
Signature Date

This letter is to notify the WVDEP Office of Oil and Gas, that Viking Energy Corp. purchased the surface of land on which the Knight #1 (47-039-02296) sets, on the 22<sup>nd</sup> day of February 2017. The deed is recorded in the Kanawha County courthouse, book/page 3053/259.



*Ulanda Walker*

*6-5-20*

Michael Pinkerton  
President  
Viking Energy Corp.  
PO Box 13366  
Charleston, WV 25360



**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE  
Chapter 22, Article 6, Section 8(d)  
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
LK ENERGY INC.	VIKING ENERGY INC	1/8TH	136/273

**Acknowledgement of Possible Permitting/Approval  
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: MICHAEL PINKERTON.  
By: Its: VIKING ENERGY CORP.  
PRESIDENT

WW-2B1  
(5-12)

Well No. KNIGHT #1

West Virginia Department of Environmental Protection  
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Laboratory Name STURM ENVIRONMENTAL  
Sampling Contractor \_\_\_\_\_

Well Operator VIKING ENERGY CORP.  
Address P. O. BOX 13366  
SISSONVILLE, WV 25360  
Telephone 304-988-1161

**FOR OPERATOR'S USE ONLY:** Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

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

Operator Name VIKING ENERGY CORP. OP Code 51440

Watershed (HUC 10) TUPPERS CREEK Quadrangle POCATALICO

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

*TU*

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 2d0392296 )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_ )

Will closed loop system be used? If so, describe: NO

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

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

Additives to be used in drilling medium? NONE

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. NO DRILL CUTTINGS

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

-Landfill or offsite name/permit number? NONE

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 *Eric Pinkerton*

Company Official (Typed Name) ERIC PINKERTON

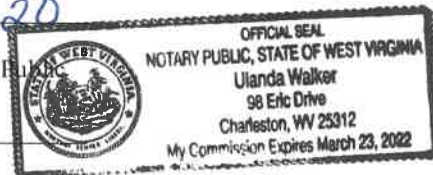
Company Official Title OPERATION MANAGER

Subscribed and sworn before me this 5th day of June, 20 20

*Ulanda Walker*

Notary Public

My commission expires 3-23-2022



Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH \_\_\_\_\_

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type \_\_\_\_\_

Fertilizer amount 500 lbs/acre

Mulch 2 TONS HAY MULCH Tons/acre

**Seed Mixtures**

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
ORCHARD GRASS	40#		
PERENNIAL RYE	40#	SAME AS AREA I	
LANDINE CLOVER	40#		

**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: *Inspite Oil & Gas*

Date: 06/05/2020

Field Reviewed?  Yes  No

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

Operator Name: VIKING ENERGY CORP.  
Watershed (HUC 10): TUPPERS CREEK Quad: POCATALICO  
Farm Name: KNIGHT

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

DISCHARGING FLUIDS VIA DISPOSAL WELL 2d0392296 KNIGHT NEWBURG

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

A 125 BBL OPEN TOP TANK WILL BE USED TO CIRCULATE FLUID. FELT WILL BE PUT ON GROUND UNDER WHERE TUBING WILL BE SET.

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

CLOSEST BODY OF WATER IS TUPPERS CREEK APROXIMATELY 500 FEET EAST FROM WELLHEAD.

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

SAMPLES ARE RAN ON A PERIODIC BASIS.

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

THERE HAS NEVER BEEN AN ISSUE PERTAINING TO GROUNDWATER WITH MY FACILITY OR ADJACENT PROPERTY.

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

THERE WILL BE NO WASTE MATERIAL THAT WILL BE USED FOR DEICING OR FILL MATERIAL ON MY PROPERTY.

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.

THERE WILL BE NO MATERIALS THAT WILL BE USED FOR DRILLING AND OR FRACKING ON THIS WELL. ONLY FRESH WATER IS BEING USED TO CIRCULATE. TARP WILL BE LAYED UNDER TUBING WHEN TRIPPING OUT OF HOLE. BOOMS WILL BE SURROUNDING BOTH 125 BBL TANK AND PUMP.

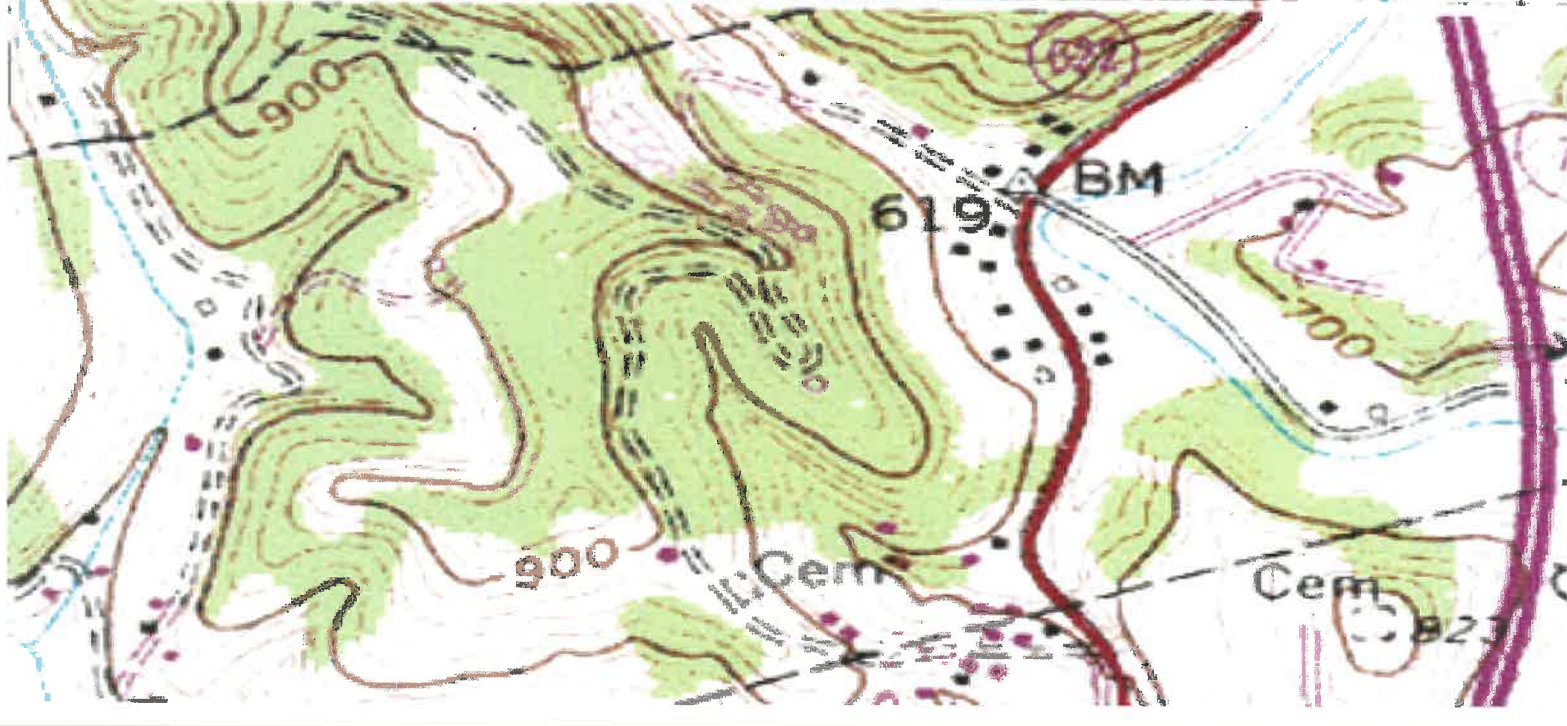
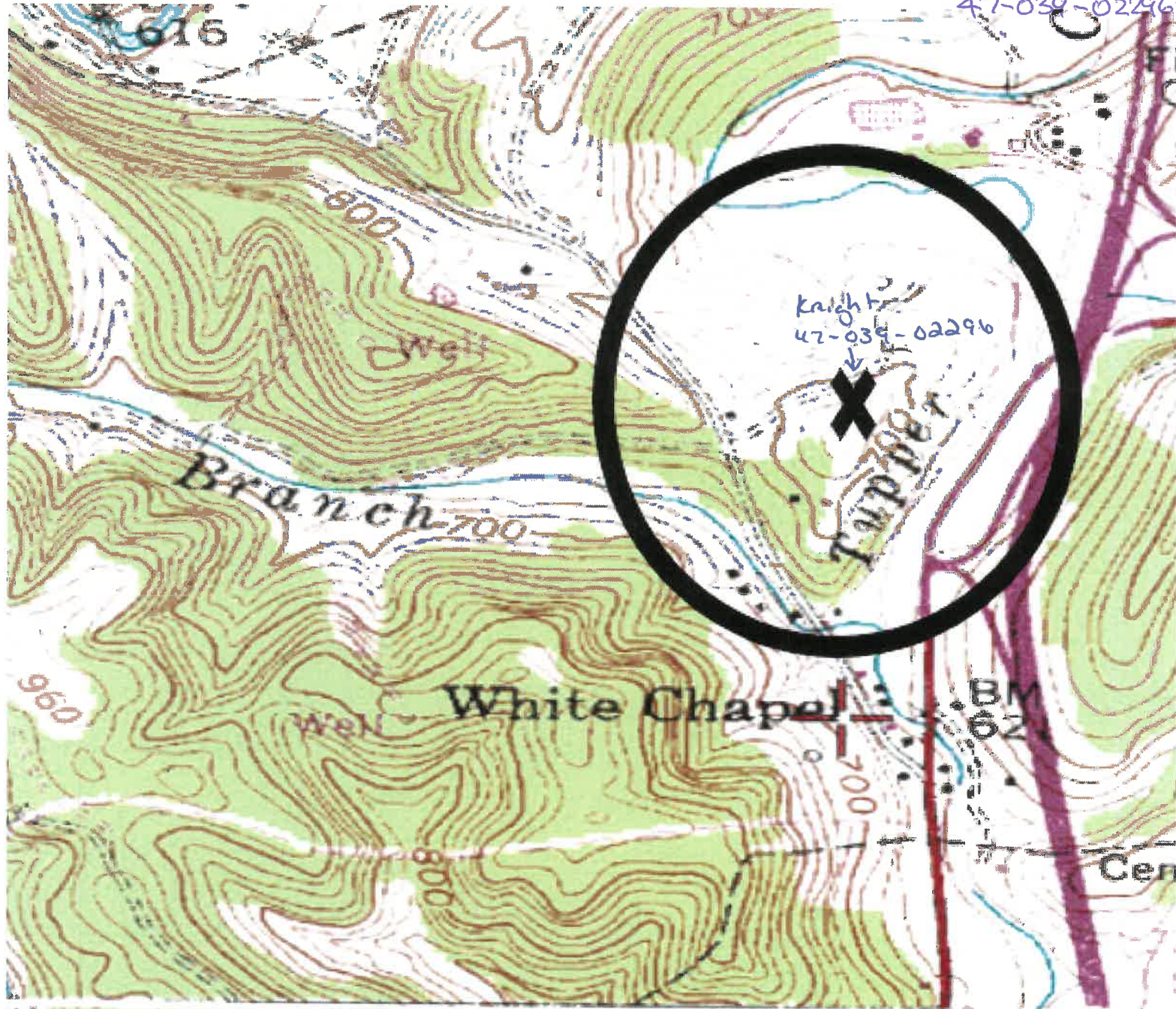
8. Provide provisions and frequency for inspections of all GPP elements and equipment.

THE WELL HEAD IS INSPECTED ON A DAILY BASIS DURING OPERATIONS. PUMP IS ALSO REGULATED AND OVERSEEN WHILE IN USE MULTIPLE TIMES A DAY. TANKS ARE MANAGED ON A DAILY BASIS. ONCE A YEAR THE FACILITY PARTICIPATES IN A SPILL PROTECTION PLAN MEETING.

Signature: 

Date: 06/05/2020







All Roads Existing

