



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

Earl Ray Tomblin , Governor
Randy C. Huffman , Cabinet Secretary
www.dep.wv.gov

Thursday, December 29, 2016

WELL WORK PERMIT
Vertical / Plugging

VIKING ENERGY CORPORATION
P. O. BOX 13366

SISSONVILLE, WV 253600000

Re: Permit approval for 1
47-039-00445-00-00

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: 1
Farm Name: KNIGHT, E. J., ETAL
U.S. WELL NUMBER: 47-039-00445-00-00
Vertical / Plugging
Date Issued: 12/29/2016

Promoting a healthy environment.

12/29/2016

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.

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 X / Shallow
- 5) Location: Elevation 633' Watershed Tupper Creek of Pocatalico
 District 08 (Poca) County Kanawha Quadrangle 551 (Pocatalico)
- 6) Well Operator Viking Energy Corporation 7) Designated Agent Michael Pinkerton
 Address P O Box 13366 Address P O Box 13366
Sissonville, WV 25320 Sissonville, WV 25320
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
 Name Terry Urban Name
 Address P O Box 1207 Address
Clendenin, WV 25045

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

Cement
 4745'- 4500' Cement Plug cut and pull 7" at 3400'
 Gel from 4500' to ³²⁰⁰ ~~3400~~' — Plug over cut
 3400' - 3200' set cement Plug *Coel*
 Gel 3200' - 1100'
 1100' - 800 set Cement Plug *Core Gas & Salt Sand H₂O*
 Gel 800' - 300' *Elevation*
 300' - Surface Cement Plug

634.5ft Elevation

Operator will cover Elevation

★ SEE ATTACHED WORK ORDER *mm*

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

Work order approved by inspector *Terry Urban* Date 9-23-16



10) Work Order

- Pull 2" tubing if it is still in hole.
- Set Class A Cement bottom hole plug from 4745' to 3400'.
- Cut and remove 7" casing at 3400'.
- Set Class A cement plug from 3400' to 3200'.
- Gel hole from 3200' to 1726' (just below 8 5/8" casing).
- If 8 5/8" is cemented in, as records indicate then Set 300' Class A cement plug from 1726' to 1426' (Above gas show at 1530').
- If 8 5/8" has a free point above 1480', then cut and remove it and set a 100' Class A cement plug across the cut.
- Spot Gel and set 100' Class A cement plug from 1100' to 1000' (salt water at 1000').
- Spot Gel and set 100' Class A cement plug across elevation from 680' to 580'.
- Gel to 300'.
- Set Class A cement plug from 300' to surface.
- Set monument per WV Code.

J. W. M.

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

W E L L R E C O R D

Permit No. Kan-445

Gas Well

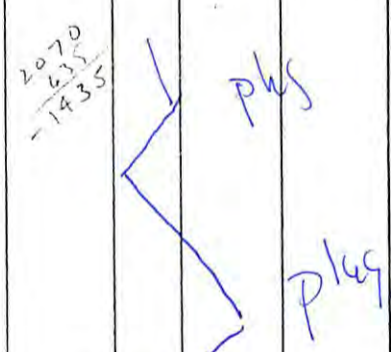
Kenna Quad.

CASING & TUBING

Company	Mullins Gas Co. & United Carbon Co.		
Address	Box 28 & Box 1475, Charleston, W.Va.		
Farm	Edna J. Knight	ACRES 76.8	
Location	Tuppers Creek		13" Wood Conductor
Well No.	One	ELEV. 634.5	10-3/4 OD 295.11" Cem.in
District	Poca	County Kanawha	8-5/8 OD 1676 " "
Surface & Mineral	-		7 OD 4646 " "
Drilling commenced	Aug. 24, 1937		2 tubing 4740
Drilling completed	Dec. 9, 1937		
Shot	-		
Open Flow	-		
Volume	-		
Rock Pressure	1745 lbs.	hrs.	
Water	-		

Formation Color ^{Har} 5 Top Base Result Formation Color ^{Har} 5 Top Base Result

Formation	Color	Har	5	Top	Base	Result	Formation	Color	Har	5	Top	Base	Result
Sand				0		12							
Slate				12		87							
Sand				87		100							
Slate				100		160							
Sand				160		190							
Slate				190		325							
Sand				325		395							
Slate & Shells				395		410							
Sand				410		432							
Slate Shells				432		860							
Sand				860		887							
Slate				887		894							
Sand				894		915							
Slate				915		945							
Sand - Salt				945		1189	Water				1050'		
Slate				1189		1192							
Sand - Salt				1192		1423							
Little Lime				1423		1438							
Pencil Cave				1438		1445							
Big Lime				1445		1607	Gas				1530'		
Injun Sand				1607		1654							
Slate Shells				1654		2047							
Brown Shale				2047		2070							
Berea Sand Shells				2070		2085							
Slate & Shells				2085		3735	Gas				3660'		
Shale - Brown				3735		3855							
Slate				3855		4428							
Brown Shale				4428		4655	Steel Line				4642'		
Lime				4632		4732							
Oriskany				4732		4745							
First Gas to bottom				4735		4745							
TOTAL DEPTH						4745							
							Gas in 7" O.D. - - -				4735'	3/10 M.	3,023,000
											4736'	8/10 M.	4,989,000
											4739'	10/10 M.	5,579,000
											4740'	20/10 M.	7,883,000
											4741'	22/10 M.	8,269,000
							FINAL GAUGE						
							AFTER BLOWING OPEN 24 HOURS				12/10 M.		6,101,000



OPERATOR: Columbia Gas Transmission Corp. WELL DETERMINATION FILE NUMBER: 004030
OPER: Opa Star Gas Co

Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER
2006/09 105-039-0475
Above File Number on all Communications
relating To Determination of this Well

Qualifier: J. Haggerty

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

- 1) FEBC-123 Items not completed - Line No. _____
- 2) IV-1 Agent Frank Litter
- 3) IV-2 Well Permit
- 4) IV-6 Well Plat
- 5) IV-35 Well Record Drilling Deepening _____
- 6) IV-36 Gas-Oil Test: Gas Only _____ Was Oil Produced? _____ Ratio _____
- 7) IV-39 Annual Production _____ years
- 8) IV-40 90 day Production _____ Days off Line: _____
- 9) IV-48 Application for certification. Complete?
- 10) IV Form #51 - 52 - 53 - 54 - 55 - 56 - 57 - 58 Complete? AFFIDAVIT SIGNED?
- 11) Other: Survey _____ Logs _____ Geological Charts _____
Structure Map _____ 1:4000 Map _____ Well Tabulations _____
Gas Analyses _____
- 12) Date completed: 9/24/1937 Date completed: 12-9-1937 Deepened _____
- 13) Production Depth: 4655-4745
- 14) Production Formation: Brown-Lime
- 15) Total Gas-Flow: N/A
- 16) After Prod. R.P.: 1745#
- 17) Other Gas Test: _____
- 18) Avg. Daily Gas from _____ 1937-1938: $2249/365 = 6.16$ MCF, NO OIL
- 19) Avg. Daily Gas from _____ 90 days: $425/90 = 4.72$ MCF NO OIL
- 20) Well Pressure: N/A PSIG from Daily Rec.
- 21) Oil Production: NO From Completion Report
- 22) Does base inventory indicate enhanced recovery being done? NO
- 23) Is affidavit signed? Notarized? 12/29/2016
- 24) Official well record with the Department confirm the submitted information? YES
- 25) Final Determination _____ Does computer program confirm? _____
- 26) Information referred to? _____ By Whom? _____

MPC

39 00445P

WW-4A
Revised 6-07

1) Date: September 21, 2016
2) Operator's Well Number
E Knight #1
3) API Well No.: 47 - 039 - 00445

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>Gary Shaffer</u>	Name <u>None</u>
Address <u>Rt 1 Box 9</u>	Address _____
<u>Advent, WV 25231</u>	_____
(b) Name <u>Denver Davis</u>	(b) Coal Owner(s) with Declaration
Address <u>1524 Spicewood Road</u>	Name <u>Viking Energy Corporation</u> ✓
<u>Kenna, WV 25248</u>	Address <u>P O Box 13366</u>
(c) Name _____	<u>Sissonville, WV 25320</u>
Address _____	Name _____
_____	Address _____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>P O Box 1207</u>	Name <u>NONE</u>
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-549-5915</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.

Well Operator Viking Energy Corporation
 By: Michael Pinkerton *Michael Pinkerton*
 Its: President
 Address P O Box 13366
Sissonville, WV 25320
 Telephone 304-9881161

Subscribed and sworn before me this 21 day of September
M. J. T. W. D. Notary Public
 My Commission Expires 9-8-2019



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.

12/29/2016

3900445P

7014 2120 0003 3229 6095

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

KENNA, WV 25248

Postage	\$2.70
Certified Fee	\$0.00
Return Receipt Fee (Endorsement Required)	\$0.00
Restricted Delivery Fee (Endorsement Required)	\$0.00
Total Postage & Fees	\$1.36
	\$7.36

0726 05
 KENNA CITY STATION
 Postmark Here
 SEP 23 2016
 09/23/2016

Sent To
 Denver Diesel
 Street & Apt. No.
 or PO Box No. 1524 Snowden Rd
 City, State, ZIP+4
 Kenna WV 25248

PS Form 3800, July 2014 See Reverse for Instructions

PT19 622E 0000 0212 4701

U.S. Postal Service
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at www.usps.com

ADVENT, WV 25231

Postage	\$2.70
Certified Fee	\$0.00
Return Receipt Fee (Endorsement Required)	\$0.00
Restricted Delivery Fee (Endorsement Required)	\$0.00
Total Postage & Fees	\$1.36
	\$7.36

0726 05
 KENNA CITY STATION
 Postmark Here
 SEP 23 2016
 09/23/2016

Sent To
 Gary Shaffer
 Street & Apt. No.
 or PO Box No. At. Box 9
 City, State, ZIP+4
 Advent WV 25231

PS Form 3800, July 2014 See Reverse for Instructions

RECEIVED
Office of Oil and Gas

SEP 23 2016

WV Department of
Environmental Protection

12/29/2016

API No. 47-039-00445 P
Farm Name E Knight
Well No. #1

**INSTRUCTIONS TO COAL OPERATORS
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned coal operator ____/ owner ____/ lessee ____/ of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: Michael Pinkerton
Its PRESIDENT

WW-9
(5/16)

API Number 47 - 039 - 00445
Operator's Well No. E Knight #1

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

Operator Name Viking Energy Corporation OP Code 51440

Watershed (HUC 10) Tupper Creek of Pocatalico Quadrangle 551 (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

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 All fluids will be contained in mobile steel tanks and disposed of properly)

OFF SITE DISPOSAL
TO BE DETERMINED. jmw

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

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. RECEIVED
Office of Oil and Gas

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

Additives to be used in drilling medium? _____ DEC 29 2016

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. _____

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) WV Department of Environmental Protection

-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 Michael Pinkerton

Company Official (Typed Name) Michael Pinkerton

Company Official Title President

Subscribed and sworn before me this 21 day of September, 2016

Michelle [Signature] Notary Public

My commission expires 9-8-2019



Proposed Revegetation Treatment: Acres Disturbed 1 Prevegetation pH 6.5

Lime 1 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20

Fertilizer amount 500 lbs/acre

Mulch two tons hay mulch Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Rye	50/AC	SAME	
Landine Clover	50/AC		
KY 31 Fescue	50/AC		

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: _____

Comments: All fluids will be contained in mobile steel tanks and disposed of properly

RECEIVED
Office of Oil and Gas

DEC 29 2016

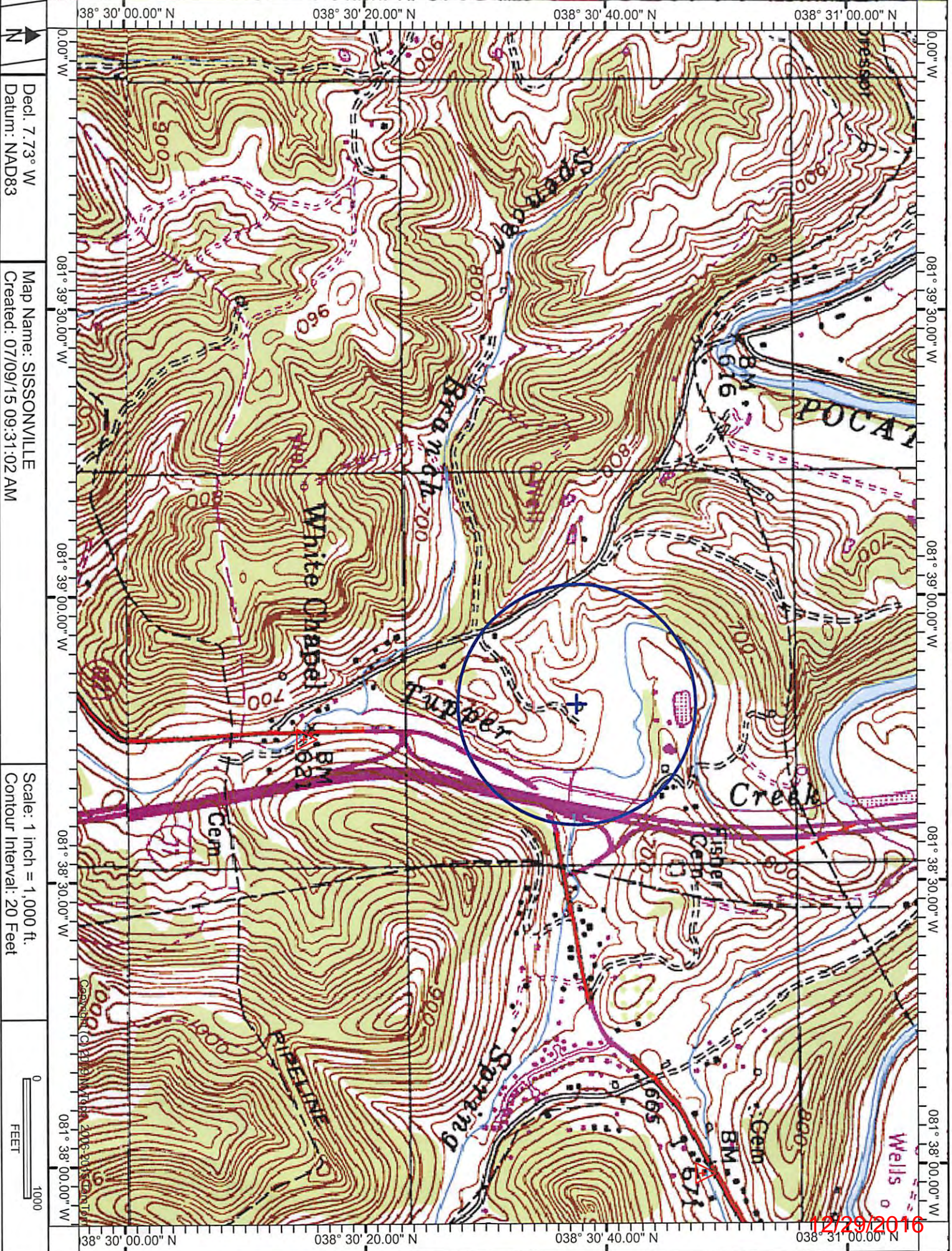
WV Department of
Environmental Protection

Title: _____

Date: 09/21/2016

Field Reviewed? () Yes () No

39 00445P



12/29/2016

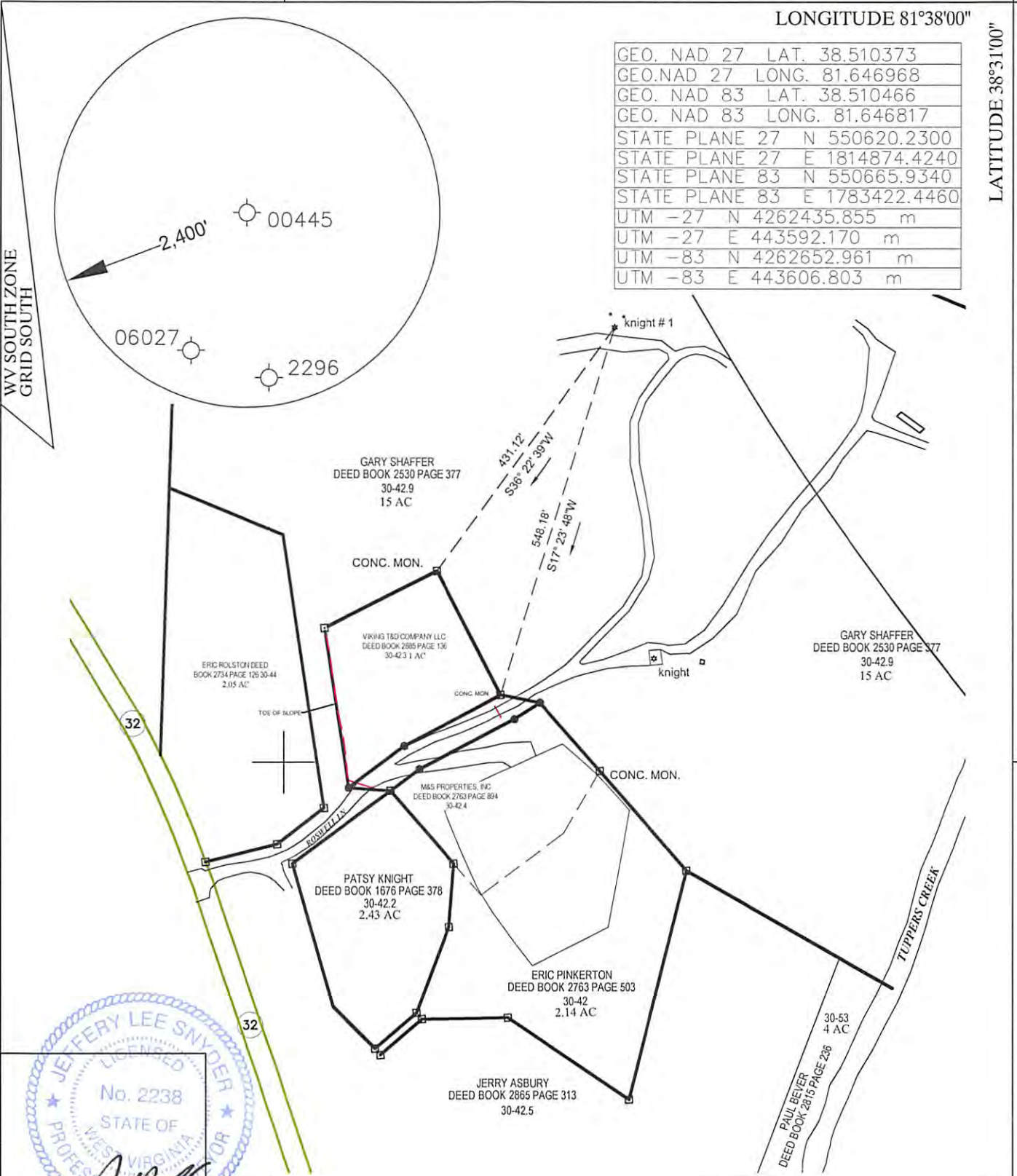
39 00445 P

4,350'

LONGITUDE 81°38'00"

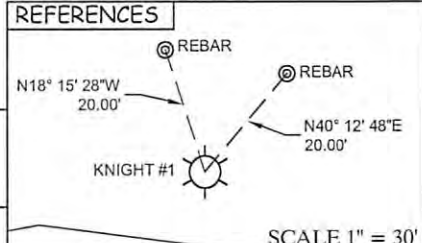
LATITUDE 38°31'00"

GEO. NAD 27	LAT. 38.510373
GEO. NAD 27	LONG. 81.646968
GEO. NAD 83	LAT. 38.510466
GEO. NAD 83	LONG. 81.646817
STATE PLANE 27	N 550620.2300
STATE PLANE 27	E 1814874.4240
STATE PLANE 83	N 550665.9340
STATE PLANE 83	E 1783422.4460
UTM -27	N 4262435.855 m
UTM -27	E 443592.170 m
UTM -83	N 4262652.961 m
UTM -83	E 443606.803 m



JEFFERY L. SNYDER PS 2238

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS



JOB # 15-500-000- viking
 DRAWING # 15-500-000
 SCALE 1" = 200'

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

White Brothers Consulting LLC
 447 call road suite 216
 Charleston, WV 25312

SCALE 1" = 30'

Jeffery L. Snyder PS #2238
 DATE 9-06-16

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

OPERATOR'S WELL# Knight #1
 API WELL # 47 - 39 - 00445

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 633 WATERSHED Tupper creek of pocatalico DISTRICT poca COUNTY Kanawha
 QUADRANGLE Sissionville 7.5'

STATE COUNTY PERMIT

SURFACE OWNER Gary Shaffer ACREAGE 15 ACRES +/- LEASE ACREAGE 51.8 ACRES +/-

OIL & GAS ROYALTY OWNER Viking energy corp.
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Plug
 TARGET FORMATION ORISKANY SAND ESTIMATED DEPTH 5,140
 WELL OPERATOR Viking Energy, Corporation DESIGNATED AGENT Michael Pinkerton
 ADDRESS P.O. Box 13366 ADDRESS P.O. Box 13366
 Sissionville, WV 25360 Sissionville, WV 25360

COUNTY NAME PERMIT

12/29/2016

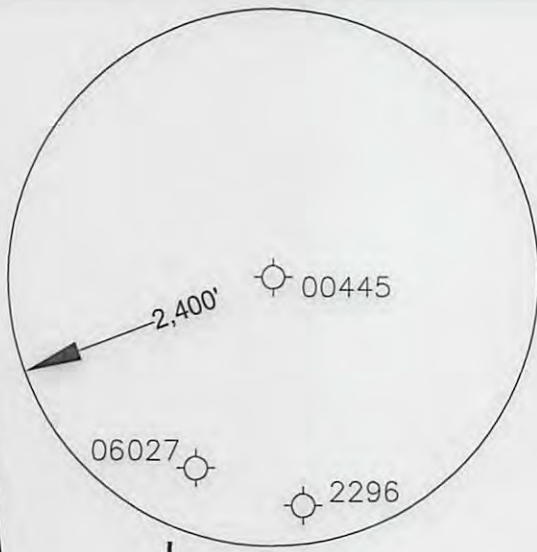
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UTM -27	E 443592.170 m
UTM -83	N 4262652.961 m
UTM -83	E 443606.803 m

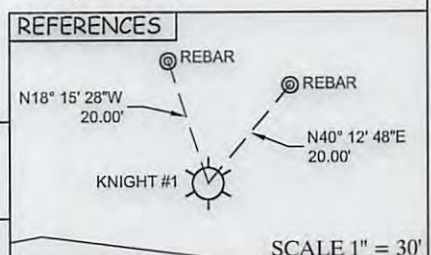
WV SOUTH ZONE GRID SOUTH



2,850'

Jeffery L. Snyder
 JEFFERY L. SNYDER PS 2238

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS



SCALE 1" = 30'

JOB # 15-500-000- viking
 DRAWING # 15-500-000
 SCALE 1" = 200'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 White Brothers Consulting LLC
 447 call road suite 216
 Charleston, WV 25312

Jeffery L. Snyder PS #2238
 DATE 9-06-16
 OPERATOR'S WELL# Knight #1
 API WELL # 47 - 39 - 00445 P

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 633 WATERSHED Tupper creek of pocatalico DISTRICT poca COUNTY Kanawha
 QUADRANGLE Sissionville 7.5'

SURFACE OWNER Gary Shaffer ACREAGE 15 ACRES +/- LEASE ACREAGE 51.8 ACRES +/-
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 STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Plug
 TARGET FORMATION ORISKANY SAND ESTIMATED DEPTH 5,140
 WELL OPERATOR Viking Energy, Corporation DESIGNATED AGENT Michael Pinkerton
 ADDRESS P.O. Box 13366 ADDRESS P.O. Box 13366
 Sissonville, WV 25360 Sissonville, WV 25360

COUNTY NAME PERMIT

12/29/2016

3900445P
CK# 25475
\$100⁰⁰

Viking Energy Corporation
P O Box 13366
Sissonville

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

September 23, 2016

Please see attached Permit Application to Plug and Abandon a Well, if you have any questions you can contact Eric Pinkerton (epinkerton@vikingwell.com) at 304-988-1161 or Mark Wine at 304-532-3924. (mark.wine1@gmail.com).

Thank You,



Mark T. Wine
Landman

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Office of Oil and Gas

SEP 23 2016

WV Department of
Environmental Protection

12/29/2016