



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

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

June 11, 2014

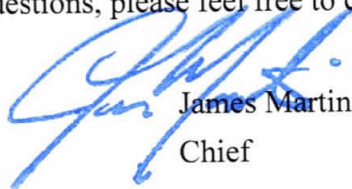
WELL WORK PERMIT
Horizontal 6A Well

This permit, API Well Number: 47-7700610, issued to MOUNTAINEER KEYSTONE, LLC, 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 all 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 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: VINCENT 205
Farm Name: VINCENT, DONALD
API Well Number: 47-7700610
Permit Type: Horizontal 6A Well
Date Issued: 06/11/2014

Promoting a healthy environment.

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) 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. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
2. 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 § 22-6A-5a (12), 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.
3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
7. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
8. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.
9. 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 within 30 days of commencement of drilling.

4707700610

WW-6B
(9/13)

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

1) Well Operator: Mountaineer Keystone, LLC 494501227 Preston Lyon Fellowsville
Operator ID County District Quadrangle

2) Operator's Well Number: Vincent 205 Well Pad Name: Vincent

3) Farm Name/Surface Owner: Donald Vincent Public Road Access: CR 60/4

4) Elevation, current ground: 1673 Elevation, proposed post-construction: 1675

5) Well Type (a) Gas Oil Underground Storage
Other

(b) If Gas Shallow Deep
Horizontal

6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Associated Pressure(s):
Marcellus Shale, 8375 ft. (TVD Heel) - 8207 ft. (TVD Toe), 100 ft., 0.5psi/ft.
RECEIVED
Office of Oil and Gas

8) Proposed Total Vertical Depth: 8375'

9) Formation at Total Vertical Depth: Marcellus Shale MAY 07 2014

10) Proposed Total Measured Depth: 14173' WV Department of Environmental Protection

11) Proposed Horizontal Leg Length: 6530'

12) Approximate Fresh Water Strata Depths: surface to 800'

13) Method to Determine Fresh Water Depths: offsetting wells reported water depths (091-000097, 077-00480, 077-00483, 077-00564)

14) Approximate Saltwater Depths: 1000' - 1470'

15) Approximate Coal Seam Depths: Bakerstown - 390', Brush Creek - 490', Upper Freeport - 580', Lower Freeport - 630', Upper Kittaning - 705', Middle Kittaning - 750', Lower Kittaning - 770'

16) Approximate Depth to Possible Void (coal mine, karst, other): none known

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes No

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Office of Oil and Gas

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

RECEIVED
Office of Oil and Gas

MAY 07 2014

WV Department of Environmental Protection

Environmental Protection

WW-6B
(9/13)

18)

CASING AND TUBING PROGRAM

<u>TYPE</u>	<u>Size</u>	<u>New or Used</u>	<u>Grade</u>	<u>Weight per ft. (lb/ft)</u>	<u>FOOTAGE: For Drilling</u>	<u>INTERVALS: Left in Well</u>	<u>CEMENT: Fill-up (Cu. Ft.)</u>
Conductor	20"	New	H-40	94#	120'	120'	Grout
Fresh Water	13.375"	New	J-55	54.5#	900'	900'	CTS
Coal							
Intermediate	9.625"	New	J-55	36#	1900'	1900'	CTS
Production	5.5"	New	P-110	20#	13,866'	13,866'	TOC@1,700'
Tubing							
Liners							

SD 2/14/2014
SDW219/2014

<u>TYPE</u>	<u>Size</u>	<u>Wellbore Diameter</u>	<u>Wall Thickness</u>	<u>Burst Pressure</u>	<u>Cement Type</u>	<u>Cement Yield (cu. ft./k)</u>
Conductor	20"	26"	0.417"	1530	None	None
Fresh Water	13.375"	17.5"	0.38"	2730	Class A & 1.5% Cacl	1.18
Coal						
Intermediate	9.625"	12.25"	0.352"	3520	Type 1 & 1.5% Cacl	1.2
Production	5.5"	8.75"	0.361"	14360	50/50 Type 1	1.2
Tubing						
Liners						

PACKERS

Kind:				
Sizes:				
Depths Set:				

Received

MAR - 5 2014

WW-6B
(9/13)

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

The well will be started with a conductor rig drilling a 26" hole to Conductor programmed depth then running 20" casing and grout cement back to surface. The conductor rig will move out and the drilling rig will move in and rig up. The drilling rig will then spud a 17 1/2" hole and drill to fresh water casing (Surface) to the programmed depth, Run 13 3/8" casing and cement to surface. The rig will continue drilling a 12 1/4" intermediate hole to the programmed depth, run 9 5/8" casing and cement to surface. The rig will then continue to drill a 8 3/4" hole to a designed KOP and then start drilling the curve and lateral section to the programmed total measured depth, run 5 1/2" casing and cement according to the program.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

The well will be completed using a plug and perforation method and stimulated with a slickwater and sand slurry. The anticipated maximum rate will be 90 bpm and the maximum pressure will be 9,500 psi.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 9.8 acres

22) Area to be disturbed for well pad only, less access road (acres): 5.7 acres

23) Describe centralizer placement for each casing string:

20" - No centralizers.
13 3/8" - one bow spring centralizer on every other joint
9 5/8" - one bow spring centralizer every third joint from TD to surface
5 1/2" - one semi-rigid centralizer on every joint from TD of casing to end of curve. Then every other joint to KOP.
Every third joint from KOP to 1,700' TOC will be 1,700'; there will be no centralizers from 1,700' to surface.

24) Describe all cement additives associated with each cement type:

*See attached sheet

25) Proposed borehole conditioning procedures:

*See attached sheet

Received

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*Note: Attach additional sheets as needed.

Mountaineer Keystone



Vincent, John 205

Cement Additives and Borehole Conditioning Procedures

24) Describe all cement additives associated with each cement type.

20" is drive pipe. The 13 3/8" casing will be cemented to surface with Class A cement and no greater than 3% CaCl (calcium chloride). The 9 5/8" casing will be cemented to surface with Type 1 cement, and no greater than 3% calcium chloride. The 5 1/2" production string will be cemented back to 1,700' (+/- 200' above the casing shoe for the 9 5/8") with Type 1 or Class A cement retarder (to extend pumpability) cellophane flaked for fluid loss, Bentonite gel as an extender (increased pumpability and fluid loss), a defoaming agent to decrease cement foaming during mixing to insure the cement is of proper weight to placement and possibly a gypsum gas blocking additive to aid in blocking/gas migration (in combination with other additive mentioned here, helps cement achieve a "right-angle" set) during the plastic phase of the cement set-up.

25) Proposed borehole conditioning procedures:

Top holes will be drilled with fresh water to KOP. At KOP, the wellbore will be loaded with synthetic oil based mud, barite-weighted mud system with such properties as to build a filter-cake on the face to the bore-hole. This will provide lubricity as well as stabilizing the well bore. We will begin rotating the drill string and mud will be circulated upon reaching TD until no further cuttings are observed coming across the shaker screens. Once clean mud is circulated back to surface, we will pull three stands of drill pipe, load the hole, pull three stands and load the hole. The weight indicator on the rig will be monitored for any occurrences of drag and if any are noticed, we will re-run the previous stand of pipe pulled across and circulate 2X bottoms up while watching the shakers for signs of cuttings. Once at the base of the curve, the string will be continuously rotated while pumping 2X bottoms up. We will pull three stands and fill the hole until we reach the vertical section of the well.

MAR - 5 2014

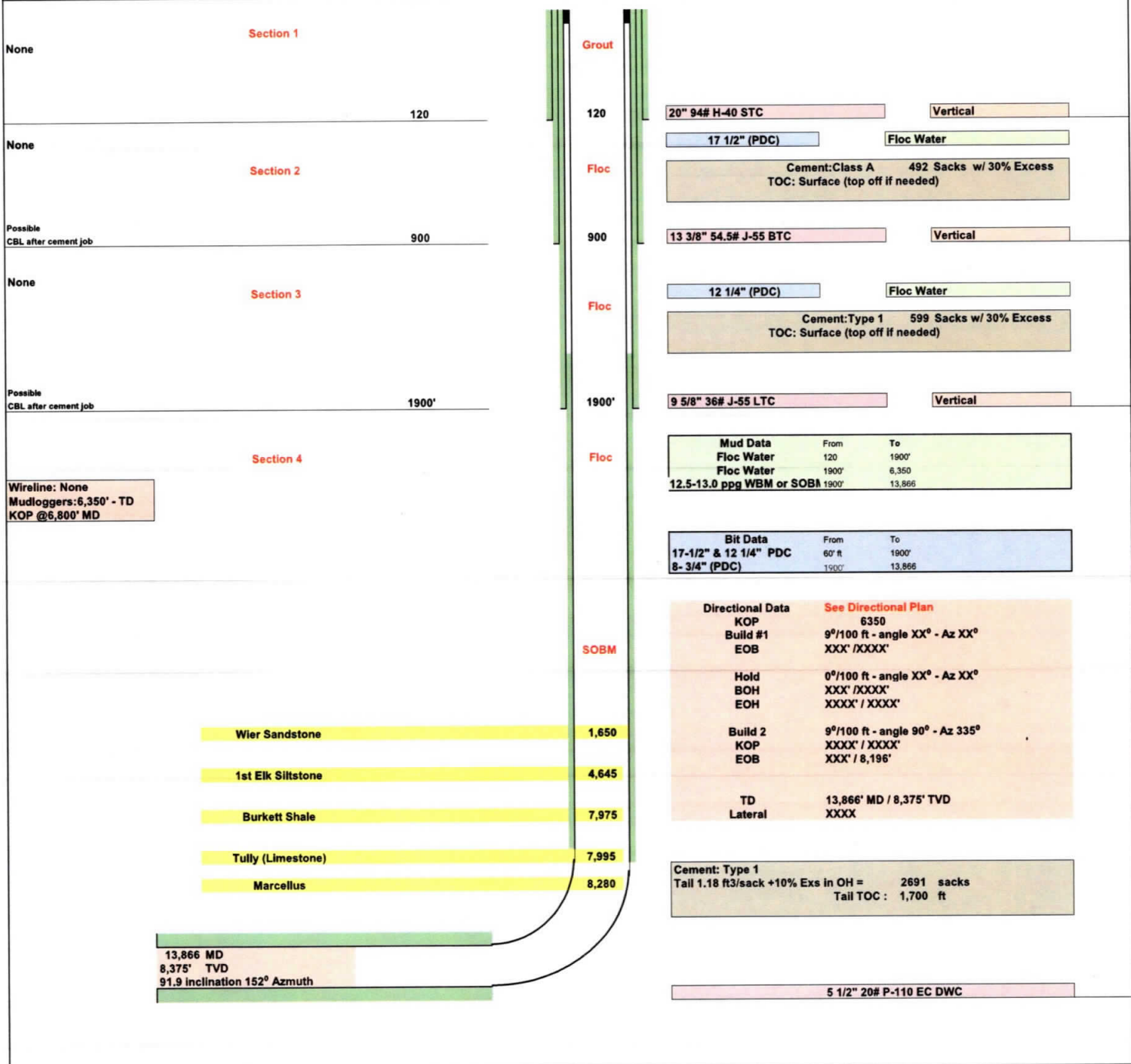


Mountaineer Keystone
 Vincent #205
 Casing Design
 Directional Plan #1 (Phoenix)

Other Names:	Vincent Well
Surface Location:	See Direction Plan
Bottom Hole Location:	See Direction Plan

County:	Barbour
State:	West Virginia
AFE #:	API #:
RKB:	24
Ground Level:	1,675

Logs	Significant Formations (TVD)	Depth (ft) MD	Depth (ft) TVD	Hole Size	Casing and Cement	Mud	Directional & Surveys Drlg /Csg Point
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Revision 1
 Note: Not drawn to scale
 Cement Outside Casing Seal Assembly in Annulus
 Date Last Revised: 16-Dec-13
 Ross Schweitzer

Received

MAR - 5 2014

WW-9
(9/13)

API Number 47 - _____
Operator's Well No Vincent 205

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Mountaineer Keystone, LLC OP Code 494501227

Watershed (HUC 10) Sandy Creek Quadrangle Fellowsville

Elevation 1675' County Barbour Preston District Cove

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
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain _____)

AS 2/19/2014
SDW 2/19/2014

Will closed loop system be used? If so, describe: Yes, it will contain all of drilling medium and drill cuttings on location to then be taken to landfill.

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

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

Additives to be used in drilling medium? As proposed by mud provider

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

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

-Landfill or offsite name/permit number? Meadowfill Landfill, Bridgeport, WV

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, 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 *Nathan Skeen*

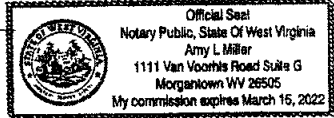
Company Official (Typed Name) Nathan Skeen

Company Official Title Designated Agent

Subscribed and sworn before me this 11th day of February, 2014

Amy Miller Notary Public

My commission expires 3-15-2022



Form WW-9

Vincent 205

Operator's Well No.

Mountaineer Keystone, LLC

Proposed Revegetation Treatment: Acres Disturbed 11.2 Prevegetation pH _____
 Lime 6 Tons/acre or to correct to pH 6.5
 Fertilizer type 10-20-20
 Fertilizer amount 1000 lbs/acre
 Mulch 3-4 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
KY-31 Tall Fescue	50	Fosters Permium Meadow Mix	50

Attach: Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature] S. D. Warratt

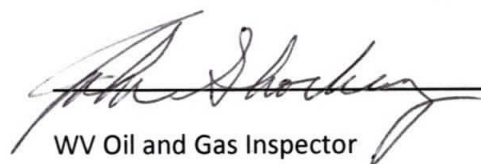
Comments: seed & mulch ASAP.

Title: Oil & Gas Inspector Date: 2/19/2014
 Field Reviewed? Yes No

Mountaineer Keystone


Delivery Acknowledgement for
Site Specific
Safety and Environmental Plan
For
Vincent 205
Preston County, WV
Date Prepared: 2/11/2014

Mounatineer Keystone

 ^{SDW}

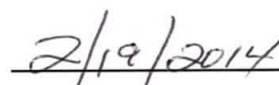
WV Oil and Gas Inspector 2/19/2014

Title



Title

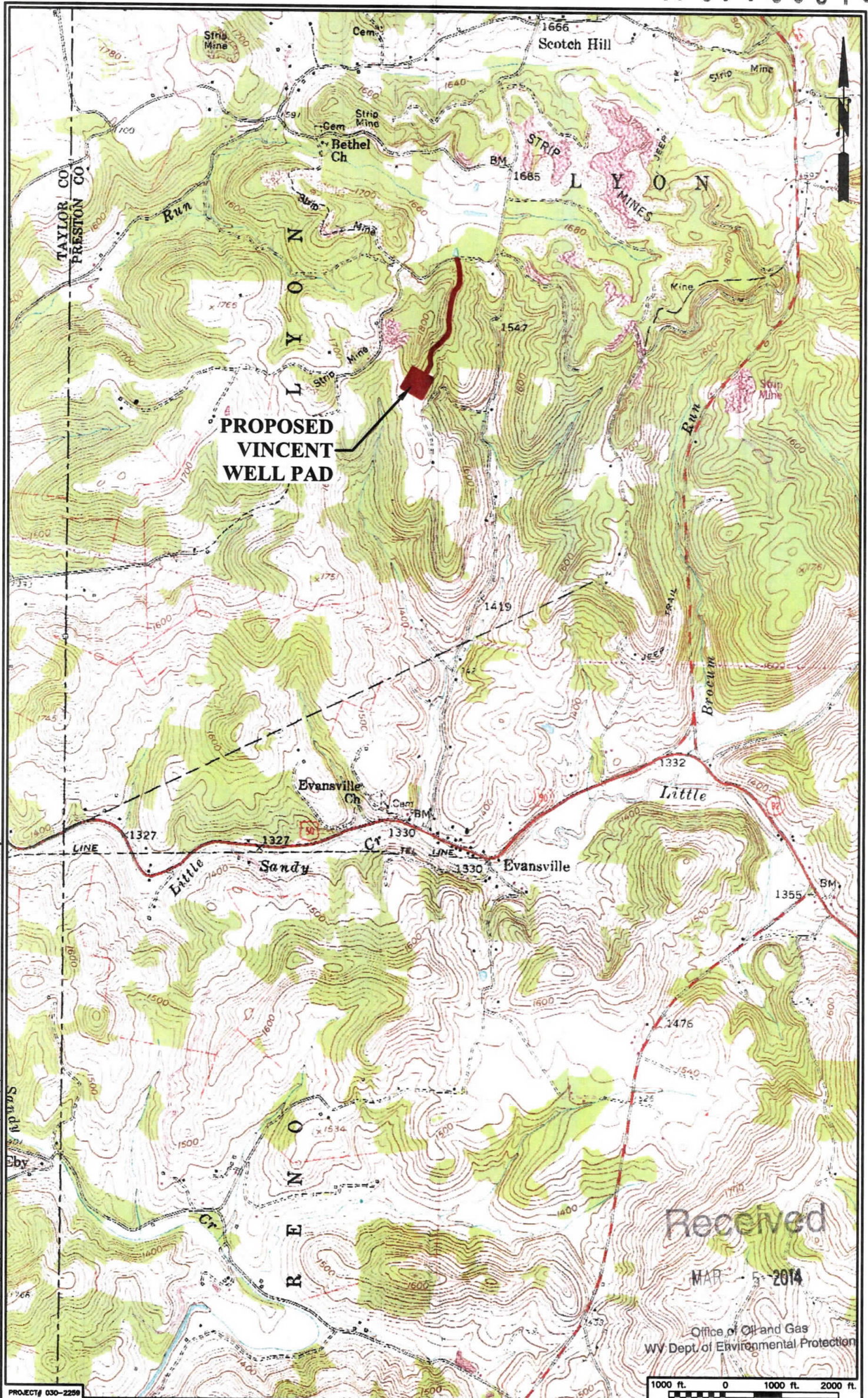
Date



Date

Received

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CAD FILE: R:\030-2457 Mountaineer Keystone Vincent\Drawing\2457-wp-rcd.dwg
 PROJECT# 030-2258
 PLOT DATE/TIME: 3/10/2014 - 8:30am
 LAYOUT: 2457-wp
 USER: bmsmanning

THRASHER
 THE THRASHER GROUP INC.
 CIVIL • ENVIRONMENTAL • CONSULTING • FIELD SERVICES
 600 WHITE OAKS BOULEVARD, BRIDGEPORT, WV 26330
 PHONE (304) 624-4108 • FAX (304) 624-7831

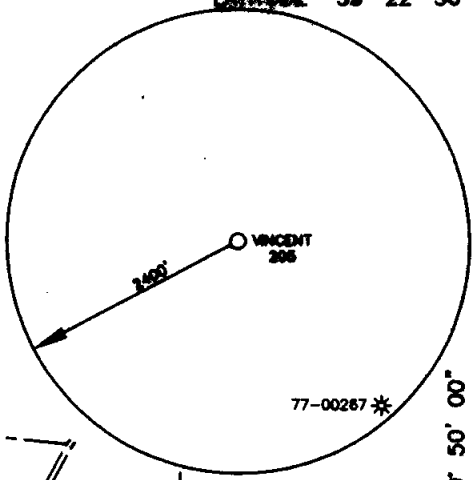
**Mountaineer
 Keystone**
 LLC

VINCENT WELL PAD
 FELLOWSVILLE & THORNTON, WV
 QUAD MAPS

SHEET No.
1

Office of Oil and Gas
 WV Dept of Environmental Protection

A	17	3	P.A. JENNINGS & P.A. JENNINGS
B	18	3	P.A. JENNINGS & P.A. JENNINGS
C	21	3	P.A. JENNINGS & P.A. JENNINGS
D	20	7	ELMOR & ELMOR & ELMOR & ELMOR
E	10	27	A. BLAKE & E.L. JENNINGS



TH BH
DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAP

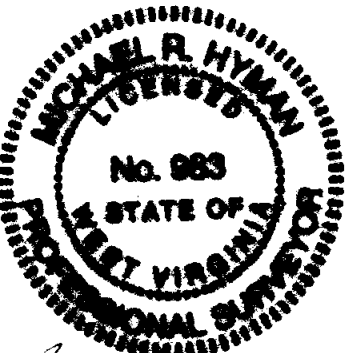
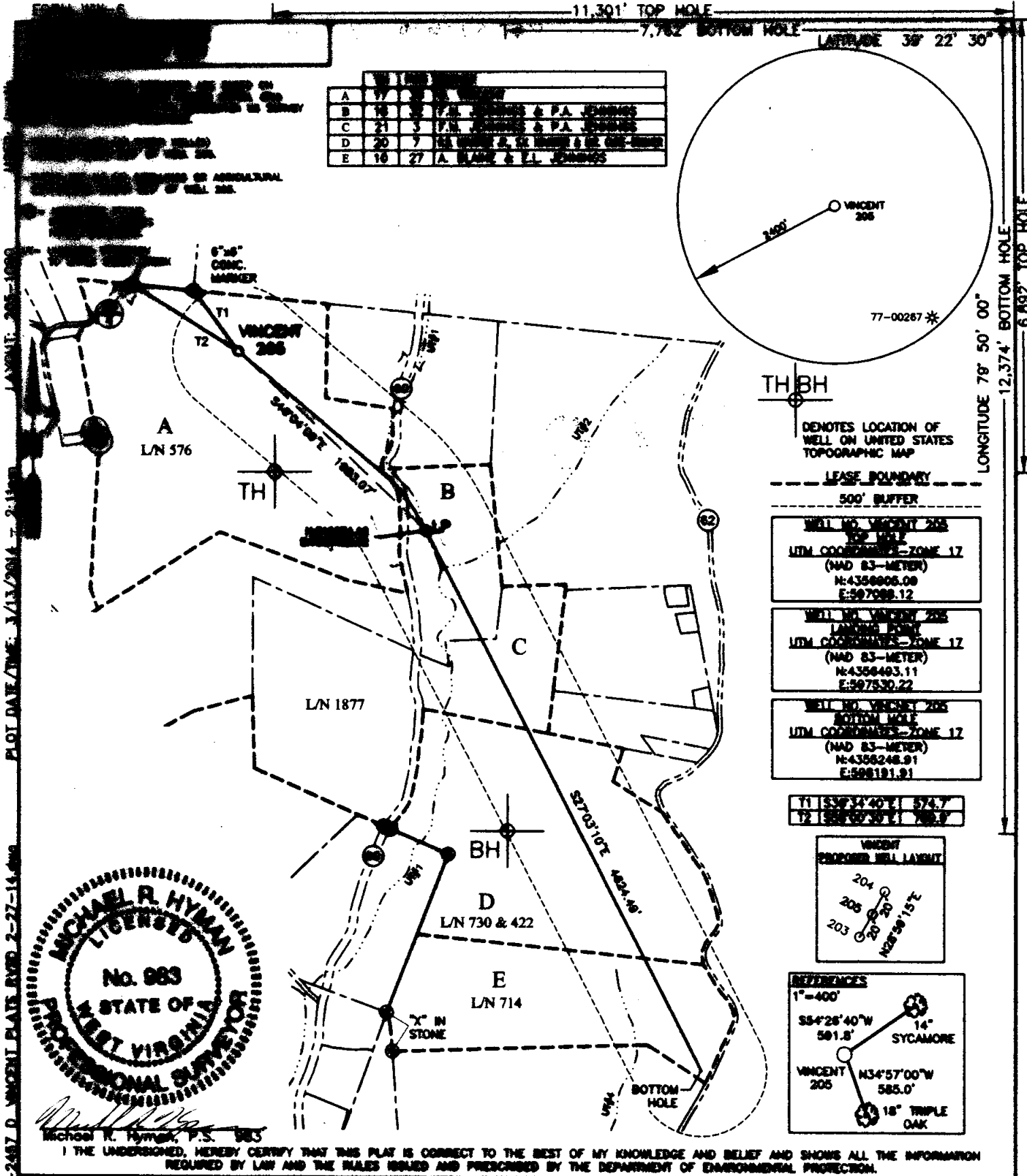
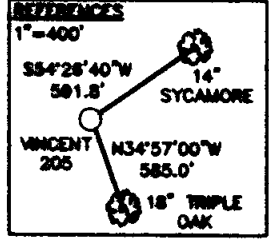
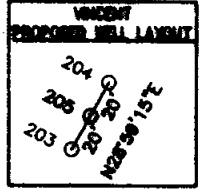
LEASE BOUNDARY
500' BUFFER

WELL NO. VINCENT 205
TOP HOLE
UTM COORDINATES - ZONE 17
(NAD 83-METER)
N:4358006.00
E:597088.12

WELL NO. VINCENT 205
LANDING POINT
UTM COORDINATES - ZONE 17
(NAD 83-METER)
N:4356403.11
E:597530.22

WELL NO. VINCENT 205
BOTTOM HOLE
UTM COORDINATES - ZONE 17
(NAD 83-METER)
N:4358248.91
E:598191.91

T1 153°34'40"E 574.7'
T2 158°02'30"E 706.0'



Michael R. Hyman, P.S. 983
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 RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

FILE NO. 030-2457
SCALE: 1"=1000'
MINIMUM DEGREE OF ACCURACY: 1 in 2500
PROVEN SOURCE OF ELEVATION: SURVEY GRADE GPS



DATE FEBRUARY 27 2014
OPERATOR'S WELL NO. VINCENT 205
API WELL NO. 47-077-00610H6A
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL (IF "GAS"), PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1675.08 WATER SHED: SANDY CREEK
DISTRICT: LYON COUNTY: PRESTON
QUADRANGLE: FELLOWSVILLE ACREAGE: 111.715 AC±
SURFACE OWNER: DONALD VINCENT LEASE ACREAGE: 321.13 AC±
OIL & GAS ROYALTY OWNER: DONALD VINCENT, FRANKLIN M. & PEGGY A. JENNINGS, ROBERT DALE MONATYER Jr. & SUSAN VIRGINIA MONATYER & MARY ROMANNE CLINE-SHRSHER, A. BLAINE & ELMORA L. JENNINGS LEASE NO. 48/574/714/736/1877



PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PERFORATE NEW FORMATION PLUG OFF OLD FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____
PLUG AND ABANDON _____ CLEAN OUT AND REPLUG _____
TARGET FORMATION: MARCELLUS SHALE ESTIMATED DEPTH: 8,360' TVD / 13,866' MD
WELL OPERATOR: MOUNTAINEER KEYSTONE DESIGNATED AGENT: NATHAN SKEEN
ADDRESS: 1111 VAN VOORHIS ROAD, SUITE G MORGANTOWN, WV 26505 ADDRESS: 1111 VAN VOORHIS ROAD, SUITE G MORGANTOWN, WV 26505

CADD FILE: R:\030-2457 Mountaineer Keystone Vincent\Survey\030-2457 D VINCENT PLAT RVD 2-27-14.dwg PLOT DATE/TIME: 3/13/2014 7:29:19AM LAYOUT: 205-1000

LONGITUDE 78° 50' 00" 12,374' BOTTOM HOLE 6,892' TOP HOLE

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE CERTIFICATION

Date of Notice Certification: 02/10/2014

API No. 47- _____
Operator's Well No. Vincent 205
Well Pad Name: Vincent

Notice has been given:

Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State:	<u>West Virginia</u>	UTM NAD 83	Easting:	<u>597088.12</u>
County:	<u>Barbour</u>		Northing:	<u>4356905.09</u>
District:	<u>Cove</u>	Public Road Access:	<u>CR 60/4</u>	
Quadrangle:	<u>Fellowsville</u>	Generally used farm name:	<u>Donald Vincent</u>	
Watershed:	<u>Sandy Creek</u>			

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:

- *PLEASE CHECK ALL THAT APPLY
- 1. NOTICE OF SEISMIC ACTIVITY or NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED
 - 2. NOTICE OF ENTRY FOR PLAT SURVEY or NO PLAT SURVEY WAS CONDUCTED
 - 3. NOTICE OF INTENT TO DRILL or NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or
 WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)
 - 4. NOTICE OF PLANNED OPERATION
 - 5. PUBLIC NOTICE
 - 6. NOTICE OF APPLICATION

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

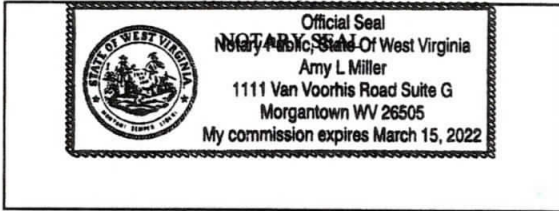
MAR - 5 2014

Certification of Notice is hereby given:

THEREFORE, I Nathan Skeen, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification 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: Mountaineer Keystone, LLC
By: Nathan Skeen
Its: Designated Agent *N. Skeen*
Telephone: 304-241-4811

Address: 1111 Van Voorhis Road, Suite G
Morgantown, WV 26505
Facsimile: 304-241-4867
Email: amiller@mkeystone.com



Subscribed and sworn before me this 18th day of February, 2014.
Amy L. Miller Notary Public
My Commission Expires 3-15-2022

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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WW-6A
(9-13)

API NO. 47- _____
OPERATOR WELL NO. Vincent 205
Well Pad Name: Vincent

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION**

Notice Time Requirement: notice shall be provided no later than the **filing date of permit application.**

Date of Notice: 2/19/14 **Date Permit Application Filed:** 2/20/14

Notice of:

- PERMIT FOR ANY WELL WORK
- CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

- PERSONAL SERVICE
- REGISTERED MAIL
- METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Application Notice WSSP Notice E&S Plan Notice Well Plat Notice is hereby provided to:

SURFACE OWNER(s)

Name: Donald Vincent
Address: 8018 Cuba Drive
Padadena, MD 21122

Name: _____
Address: _____

SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: n/a
Address: _____

Name: _____
Address: _____

SURFACE OWNER(s) (Impoundments or Pits)

Name: n/a
Address: _____

COAL OWNER OR LESSEE

Name: ACIN, LLC
Address: 5260 Irwin Road
Huntington, WV 25705

COAL OPERATOR

Name: ACIN, LLC
Address: 5260 Irwin Road
Huntington, WV 25705

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)

Name: n/a
Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: n/a
Address: _____

*Please attach additional forms if necessary

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Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

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

Received

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Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. **NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) 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.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and 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.

Disclaimer: All comments received will be placed on our web site <http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

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(8-13)

API NO. 47- 4707700610
OPERATOR WELL NO. Vincent 200-205
Well Pad Name: Vincent

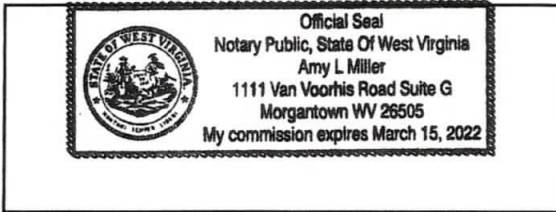
Notice is hereby given by:

Well Operator: Mountaineer Keystone, LLC
Telephone: 304-241-4811
Email: amiller@mkeystone.com

Address: 1111 Van Voorhis Road, Suite G
Morgantown, WV 26505
Facsimile: 304-241-4867

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.



Subscribed and sworn before me this 18th day of February 2014.

Amy L. Miller Notary Public

My Commission Expires 3-15-2022

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SURFACE USE AND COMPENSATION AGREEMENT

For and in consideration of One Hundred Dollars and Zero Cents (\$ 100.00) and other valuable consideration, the receipt and sufficiency of which is hereby acknowledged, this Surface Use and Compensation Agreement (hereinafter "Agreement") is made and becomes effective on this ____ day of _____ 2014, by and between Donald Vincent of 8018 Cuba Drive Pasadena, MD 21122 ("Surface Owner") and MOUNTAINEER KEYSTONE, LLC ("MK"), a West Virginia Limited Liability Company with an office at 6031 Wallace Road Extension, Suite 300, Wexford, PA, 15090. This Agreement shall be binding on, and shall inure to the benefit of, the Parties hereto and their respective representatives, successors, and assigns.

1. **INTENT TO ENTER AND USE SURFACE.** MK intends to construct a well pad, conduct drilling operations and produce from its horizontal gas well(s) Vincent _____ (whether singular or plural, the "well") on the surface of real property described herein. However nothing in this Agreement shall obligate MK to drill this specific well or construct this specific well pad. Execution of this Agreement is not an admission of liability or wrongdoing on behalf of MK.

2. **DESCRIPTION OF PROPERTY.** The surface lands and surface estate of the real property owned by Surface Owner and intended to be used by MK are more particularly described in a will dated 7/16/2004 to the Surface Owner, recorded in the Office of the Clerk of the County Commission of Preston County, West Virginia, in Deed Book 651, Page 263, reflected on tax maps 4-17-39 and containing 111.715 acres more or less (the "property").

3. **CONSIDERATION.** MK agrees to pay a lump sum total of \$15,000.00 per spud, based on 100% ownership to Surface Owner in compensation and consideration for the releases and agreements set forth in this Agreement no later than forty-five (45) days after MK breaks ground for construction of the well pad. Surface Owner acknowledges and agrees that this payment is more than adequate and sufficient to compensate him or her for the damages, anticipated damages, releases and agreements set forth in this Agreement.

4. **RELEASE BY SURFACE OWNER.** Surface Owner hereby irrevocably and unconditionally releases, acquits, waives and forever discharges and holds harmless MK, its current and former officers, directors, employees, subsidiaries, agents, attorneys, representatives, affiliates, sister companies, parent companies, related companies, insurers, reinsurers, advisors, assigns, predecessors in interest, successors in interest, joint venturers, and affiliated persons or entities, its contractors, subcontractors and others under its direct control and supervision from any and all liabilities, causes of action, obligations, suits, rights, demands, costs, expenses, obligations that are caused by, related to or arising from MK's entry into or use of the property. This includes, but is not limited to, compensation for lost income or expenses incurred as a result of being unable to use or access any part of the surface estate; any loss in the market value of crops, including timber, destroyed, damaged or prevented from reaching market; any damage to a water supply in use prior to the commencement of the permitted activity; any cost of repair of any personal property up to the value of replacement by personal property of like age, wear and quality; and any diminution in the value of the surface lands and other property after completion of the surface disturbance done as a result of the permitted activity for the well on the property. This Agreement does not relate to personal injuries, or to surface damage caused by work

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performed after final reclamation of the well and related equipment, facilities and infrastructure disturbed area(s) is completed.

5. **STATUTORY COMPENSATION.** This Agreement is intended to be and shall be full and complete release of any duties, obligations, or liabilities of MK to Surface Owner under the Oil and Gas Horizontal Well Production Damage Compensation, West Virginia Code § 22-6B-1 *et seq.* and the consideration and release recited above specifically includes all items set forth in West Virginia Code § 22-6B-3.

6. **ACKNOWLEDGMENTS AND REPRESENTATIONS.** Surface Owner acknowledges and represents that he or she has the authority to enter into this Agreement and that no claim or portion of the surface estate described herein has been assigned to any other person or entity. Surface Owner has not entered into any similar agreement with another party and has had the opportunity to seek advice of legal counsel in the review of this Agreement.

7. **CONFIDENTIALITY.** The terms of Agreement shall be confidential and Surface Owner shall not disclose the same to any other person or entity without prior written consent of MK, except as required by regulation, law or Court order, although MK may be permitted to file a memorandum of this Agreement with the Office of the Clerk of the County Commission or West Virginia Department of Environmental Protection, Office of Oil and Gas.

8. **SEVERABILITY.** If any of the provisions of this Agreement are held by a court to be invalid, void or otherwise unenforceable, the remaining provisions shall remain enforceable.

9. **FURTHER ASSURANCES.** The Parties agree to do all acts and things and to make, execute, acknowledge and deliver such written documents, instructions and/or instruments in such form as shall from time to time be reasonably required to carry out the terms and provisions of this Agreement. The Parties further agree to give reasonable cooperation and assistance to any other party or parties hereto in order to enable such other Party or Parties to secure the intended benefits of this Agreement.

10. **COUNTERPARTS.** This Agreement may be executed by the Parties in any number of counterparts, including by way of facsimile, and each of which shall be deemed to be an original and all of which, collectively, shall be deemed to be one and the same instrument.

11. **LOCATION OF SURFACE ACTIVITIES.** Surface Owner acknowledges and agrees upon the location of surface activities herein described and depicted on the attached map labeled Exhibit "A".

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Office of Oil and Gas
WV Dept. of Environmental Protection

Donald Vincent

Date

Mountaineer Keystone, LLC
By: _____
Its: _____

Date

Received

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Office of Oil and Gas
WV Dept. of Environmental Protection

4707700610



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110
Charleston, West Virginia 25305-0430 • (304) 558-3505

Earl Ray Tomblin
Governor

Paul A. Mattox, Jr., P. E.
Secretary of Transportation/
Commissioner of Highways

February 6, 2014

James A. Martin, Chief
Office of Oil and Gas
Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

Subject: DOH Permit for the Donald Vincent Pad, Preston County

Donald Vincent 203

Donald Vincent 204

Donald Vincent 205

Dear Mr. Martin,

The West Virginia Division of Highways has issued Permit #04-2011-1012 for the subject site to Mountaineer Keystone, LLC for access to the State Road for the well site located off of Preston County Route 60/4.

The operator has signed a DISTRICT WIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT for DOH District 4 and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated January 3, 2012.

Very Truly Yours,

A handwritten signature in blue ink that reads "Gary K. Clayton".

Gary K. Clayton
Regional Maintenance Engineer
Central Office Oil & Gas Coordinator

Cc: Amy L. Miller
Mountaineer Keystone, LLC
CH, OM, D-4
File

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