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west virginia department of environmental protection

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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](http://www.dep.wv.gov)

## NOTICE OF RETURNED PERMIT APPLICATION

November 12, 2014

MOUNTAINEER KEYSTONE, LLC  
6031 WALLACE ROAD EXTENSION - SUITE 300  
PITTSBURGH, PA 15090

Re: JENNINGS, ROCKY 202      API Number:      7700605

Oil and Gas Operator:

Please be advised that the Office of Oil and Gas is returning your Well Work Permit Application for the above referenced well. If you wish to re-apply, please complete & submit NEW forms and mylar plat. A new API number will be associated with the well work application.

Please call Gene Smith at 304-926-0499, extension 1652 if you have any questions.

Sincerely,

Permitting Section  
Office of Oil and Gas

**Nottingham, Justin E**

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**From:** Cooper, Laura K  
**Sent:** Wednesday, November 12, 2014 1:49 PM  
**To:** Nottingham, Justin E  
**Cc:** LeMasters, Ashley E; Hankins, Melanie S  
**Subject:** FW: Rocky Jennings MK Pad

Hey Justin,

Could you print this email noting Mountaineer Keystone's wish to withdraw the apps, and put it with the apps upon returning them? If we can get those in the mail today, that'd be great.

Thanks so much,

Laura K. Cooper  
Environmental Resource Analyst  
Permit Review  
WVDEP Office of Oil and Gas, Room 2027  
Office: 304-926-0499 ext. 1547  
Mobile: 304-206-8901  
Email: [Laura.K.Cooper@wv.gov](mailto:Laura.K.Cooper@wv.gov)

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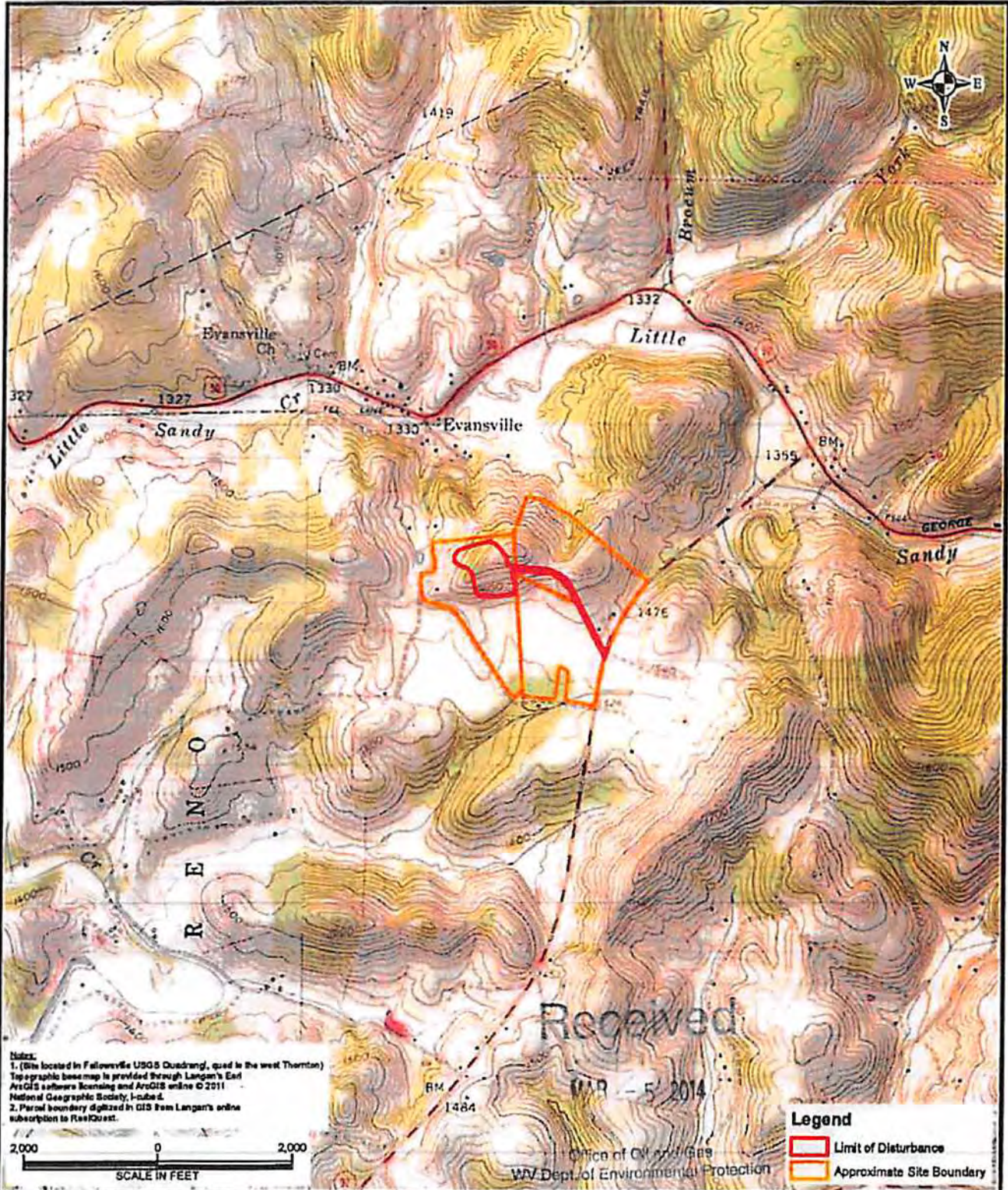
**From:** Amy Miller [<mailto:amiller@mkeystone.com>]  
**Sent:** Tuesday, November 04, 2014 8:40 AM  
**To:** Martin, James A; Cooper, Laura K  
**Subject:** Rocky Jennings MK Pad

Mr. Martin,

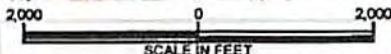
Please return the above mentioned applications to me. The DOT has still yet to fully execute the roadway leases, and I'm just not sure when they will. I truly apologize for any inconvenience this has caused the department, and can assure you that no more applications will be submitted until those necessary leases are obtained.

Thank you,

Amy L. Miller  
Regulatory Compliance Specialist  
Mountaineer Keystone, LLC  
1111 Van Voorhis Road, Suite G  
Morgantown, WV 26505  
Cell: 304-203-2568



Notes:  
 1. (Site located in Fallsview USGS Quadrang, quad to the west Thornton)  
 Topographic base map is provided through Langan's Esri ArcGIS software licensing and ArcGIS online © 2011 National Geographic Society, Inc. and  
 2. Parcel boundary digitized in GIS from Langan's online subscription to RealQuest.



**Legend**  
 Limit of Disturbance  
 Approximate Site Boundary

**LANGAN**  
 801 Technology Drive, Suite 200  
 Canonsburg, PA 15317-8540  
 T: 724.514.5100 F: 724.514.5101 www.langan.com

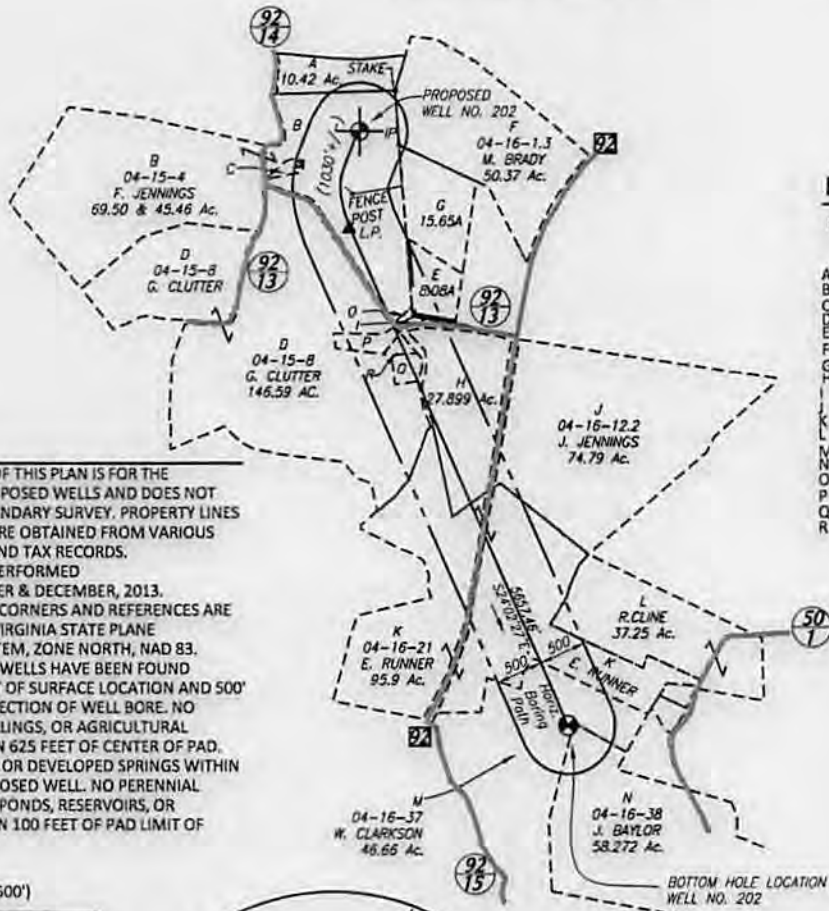
Langan Engineering & Environmental Services, Inc.  
 Langan Engineering, Environmental, Surveying and  
 Landscape Architecture, D.P.C.  
 Langan International LLC  
 Collectively known as Langan

Project  
**MOUNTAINEER KEYSTONE  
 JENNINGS WELL PAD SITE**

THORNTON  
 PRESTON COUNTY WEST VIRGINIA

Drawing Title  
**USGS SITE  
 LOCATION MAP**

Project No. 250023101	Figure 1
Date 12/30/2013	
Scale 1"=2,000'	
Drawn By BJS	
Submission Date X	
	Sheet 1 of 1



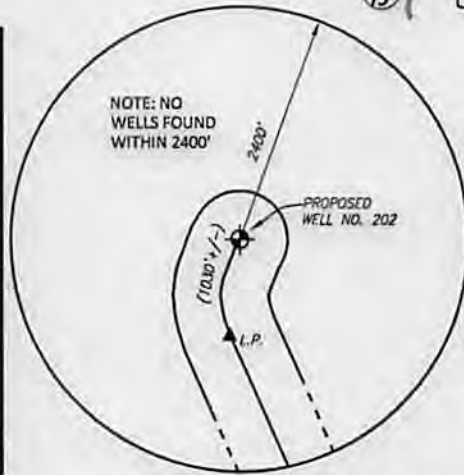
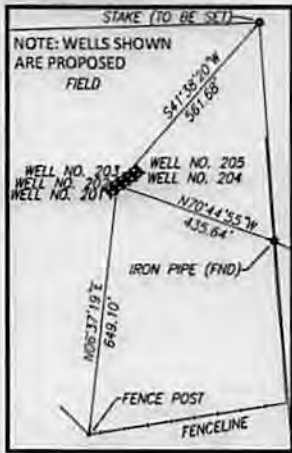
**PARCEL REFERENCE**

MAP PARCEL ID #	OWNER INFORMATION OWNER NAME
A 04-9-36	D. HERSHMAN ET UX.
B 04-15-4	F. JENNINGS ET UX.
C 04-15-4.1	E. JENNINGS ET UX.
D 04-15-8	G. CLUTTER ET UX.
E 04-16-1.2	K. SHAHAN
F 04-16-1.3	M. BRADY ET UX.
G 04-16-1.4	K. SHAHAN
H 04-16-12	F. JENNINGS ET UX.
I 04-16-12.1	T. OWENS ET UX. 0.25Ac.
J 04-16-12.2	J. JENNINGS
K 04-16-21	E. RUNNER
L 04-16-22	R. CLINE ET UX.
M 04-16-37	W. CLARKSON ET UX.
N 04-16-38	J. BAYLOR
O 04-16-46	T. OWENS ET UX. 0.29 Ac.
P 04-16-48	D. POST ET UX. 2.787 Ac.
Q 04-16-50	C. SHAHAN ET UX. 2.00 Ac.
R 04-16-55	C. SHAHAN ET UX. 0.95 Ac.

**NOTES**

1. THE PURPOSE OF THIS PLAN IS FOR THE LOCATION OF PROPOSED WELLS AND DOES NOT REPRESENT A BOUNDARY SURVEY, PROPERTY LINES AND OWNERS WERE OBTAINED FROM VARIOUS FIELD EVIDENCE AND TAX RECORDS.
2. FIELD SURVEY PERFORMED DURING NOVEMBER & DECEMBER, 2013.
3. TIES TO WELLS, CORNERS AND REFERENCES ARE BASED ON WEST VIRGINIA STATE PLANE COORDINATE SYSTEM, ZONE NORTH, NAD 83.
4. NO OIL OR GAS WELLS HAVE BEEN FOUND WITHIN 2400 FEET OF SURFACE LOCATION AND 500' OF HORIZONTAL SECTION OF WELL BORE. NO RAILROADS, DWELLINGS, OR AGRICULTURAL BUILDINGS WITHIN 625 FEET OF CENTER OF PAD. NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF PROPOSED WELL. NO PERENNIAL STREAMS, LAKES, PONDS, RESERVOIRS, OR WETLANDS WITHIN 100 FEET OF PAD LIMIT OF DISTURBANCE.

**REFERENCES (1"=500')**



SURFACE HOLE LOCATION	LANDING POINT LOCATION	BOTTOM HOLE LOCATION
<b>PROPOSED WELL #202</b>	<b>PROPOSED L.P. #202</b>	<b>PROPOSED BHL #202</b>
LAT/LONG-(DECIMAL)	LAT/LONG-(DECIMAL)	LAT/LONG DATUM-(DECIMAL)
LAT(N): 39.3273388	LAT(N): 39.3246500	LAT(N): 39.3104888
LONG(W): 79.8652944	LONG(W): 79.8656694	LONG(W): 79.85745
UTM-NAD83 (METERS)	UTM-NAD83 (METERS)	UTM-NAD83 (METERS)
N: 4353716.562	N: 4353417.739	N: 4351855.040
E: 597803.079	E: 597774.500	E: 598502.860
NAD83-WV NORTH	NAD83-WV NORTH	NAD83-WV NORTH
N: 301549.56	N: 300570.57	N: 295403.86
E: 1865165.91	E: 1865055.74	E: 1867360.51

**LEGEND (NOT SHOWN TO SCALE)**

- PROPOSED WELL SURFACE HOLE LOCATION (SHL)
- BOTTOM HOLE LOCATION (BHL)
- LANDING POINT
- TAXMAP/GIS/DEED PARCEL LINE
- HORZ. BORING PATH
- 500' RADIUS ALONG BORING PATH

FILE #: 250023101  
 DRAWING #: 250023101-WELL #202  
 SCALE: 1"=2,000'  
 MINIMUM DEGREE OF ACCURACY: 1:200  
 PROVEN SOURCE OF ELEVATION: NGS CORS STATION

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: *Keith Virginia*  
 R.P.E.: \_\_\_\_\_ L.L.S.: 2233



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
**OFFICE OF OIL & GAS**  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: \_\_\_\_\_  
 OPERATOR'S WELL #: JENNINGS, ROCKY 202  
 API WELL #: 47 **77** **00605 H6A**  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

**RETURNED Not Issued**

WATERSHED: TYGART VALLEY-SANDY CREEK ELEVATION: 1674 (GROUND) 1646.5 (PROPOSED)

COUNTY/DISTRICT: PRESTON COUNTY/ RENO DISTRICT QUADRANGLE: FELLOWSVILLE 7.5'

SURFACE OWNER: FRANKLIN M. & PEGGY A. JENNINGS ACREAGE: 69.50 & 45.46 SANDY CR

OIL & GAS ROYALTY OWNER: FRANKLIN M. JENNINGS (69.50AC), GLENN W. CLUTTER ET UX (146.59 AC), EDWIN C. RUNNER (94.90AC), WILLIAM E. CLARKSON JR. ET UX (46.66AC), THOMAS P. OWENS ET UX (0.29AC), GLENN W. CLUTTER ET UX (2.787AC), GLENN W. CLUTTER ET UX (2.00AC), GLENN W. CLUTTER ET UX (0.95 AC) ACREAGE: 437 AC +/- **11/14/2014**

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: MARCELLUS TVD: 8072' ESTIMATED DEPTH: TMD: 14231'

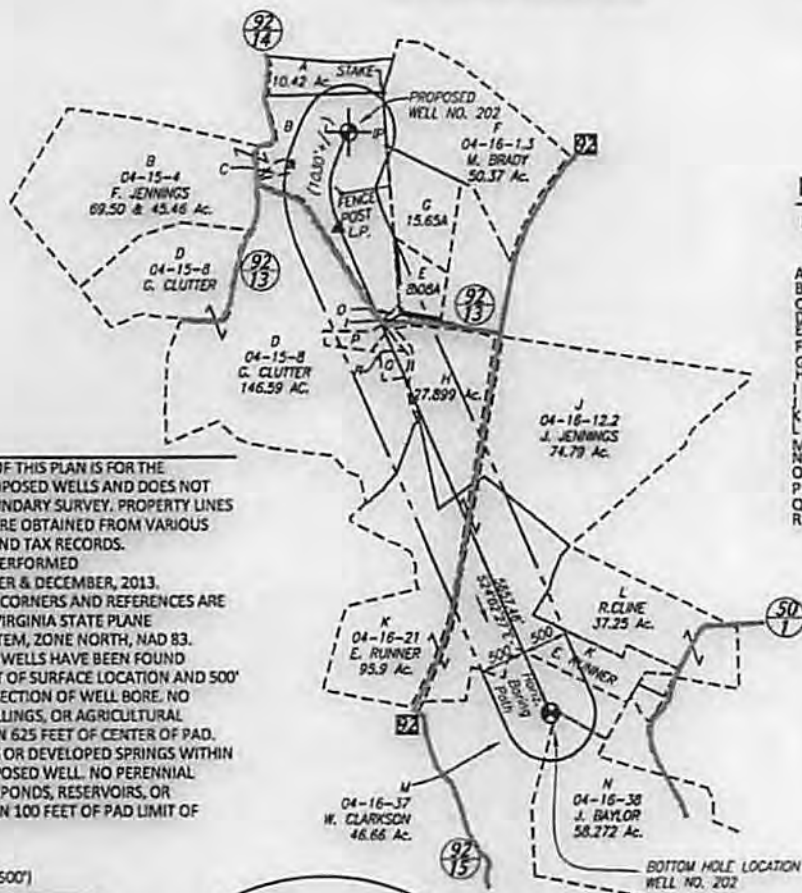
WELL OPERATOR MOUNTAINEER KEYSTONE DESIGNATED AGENT NATHAN SKEEN  
 Address 1111 VAN VOORHIS ROAD, SUITE G Address 1111 VAN VOORHIS ROAD, SUITE G  
 City MORGANTOWN State WV Zip Code 26505 City MORGANTOWN State WV Zip Code 26505

JENNINGS, ROCKY 202

Latitude: 39°20'00"N

COORDINATES:  
9,050' WEST  
2,149' SOUTH

Longitude: 79°50'00"W



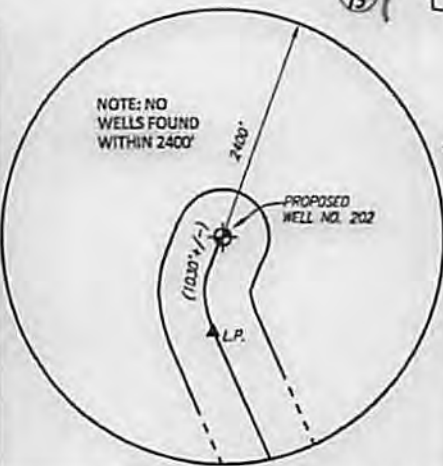
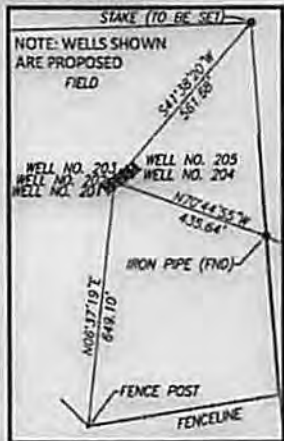
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Signed: *Keith Higgins*  
R.P.E.: \_\_\_\_\_ L.L.S.: 2233

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
OFFICE OF OIL & GAS  
601 57TH STREET  
CHARLESTON, WV 25304



DATE: \_\_\_\_\_  
OPERATOR'S WELL #: JENNINGS, ROCKY 202  
API WELL #: 47 77 00605 H6A  
STATE COUNTY PERMIT

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 Gas  Liquid Injection  Storage  Shallow

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City MORGANTOWN State WV Zip Code 26505 City MORGANTOWN State WV Zip Code 26505

11/14/2014