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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)

## PERMIT MODIFICATION APPROVAL

November 13, 2013

CHESAPEAKE APPALACHIA, L.L.C.  
POST OFFICE BOX 6070  
CHARLESTON, WV 25362

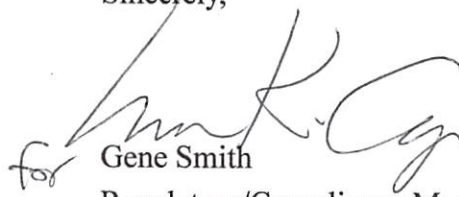
Re: Permit Modification Approval for API Number 6900155 , Well #: TIMMY MINCH OHI 3H  
**Switched top hole location with another well on pad**

Oil and Gas Operator:

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

Please call James Martin at 304-926-0499, extension 1654 if you have any questions.

Sincerely,

  
for Gene Smith  
Regulatory/Compliance Manager  
Office of Oil and Gas

69-00155

I



Danielle Southall  
Regulatory Analyst II

August 29, 2013

**VIA CERTIFIED MAIL**

Ms. Laura Cooper  
Office of Oil & Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304

Re: Modification to Timmy Minch OHI 3H #47-069-00155

Dear Ms. Cooper:

Enclosed please find a revised plat, topo, and drawing for the above captioned well. We would like to make a slot position change, as outlined in the enclosed drawing. This well is situated on the Timmy Minch property, in Tridelpia District, Ohio County, West Virginia.

If you have any questions or require additional information, please contact me at 304-517-1416 ext 86024.

Sincerely,

Chesapeake Appalachia, LLC

Danielle Southall

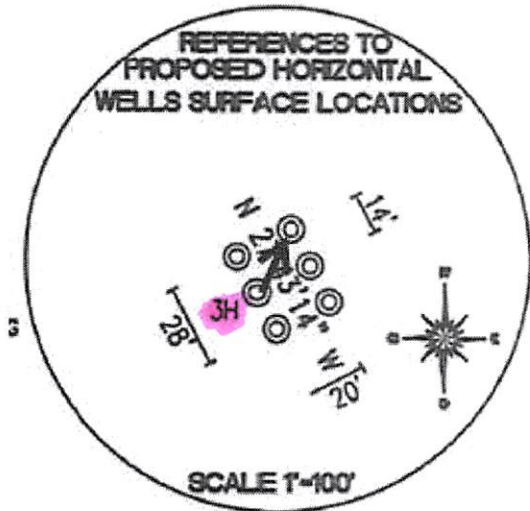
Enclosure(s)

RECEIVED  
Office of Oil & Gas  
SEP 03 2013  
WV Department of  
Environmental Protection

**Danielle Southall**

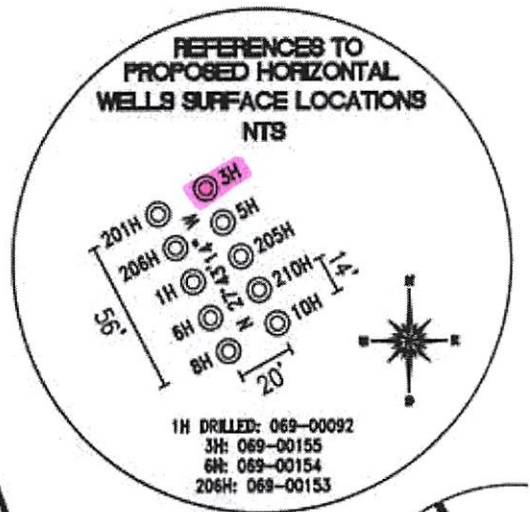
**From:** Danielle Southall  
**Sent:** Thursday, August 29, 2013 2:05 PM  
**To:** Danielle Southall  
**Subject:** Timmy Minch OHI 3H

ORIGINAL with move



SCREEN MITTING

CURRENT



**DECLARE YOUR ENERGY INDEPENDENCE!**

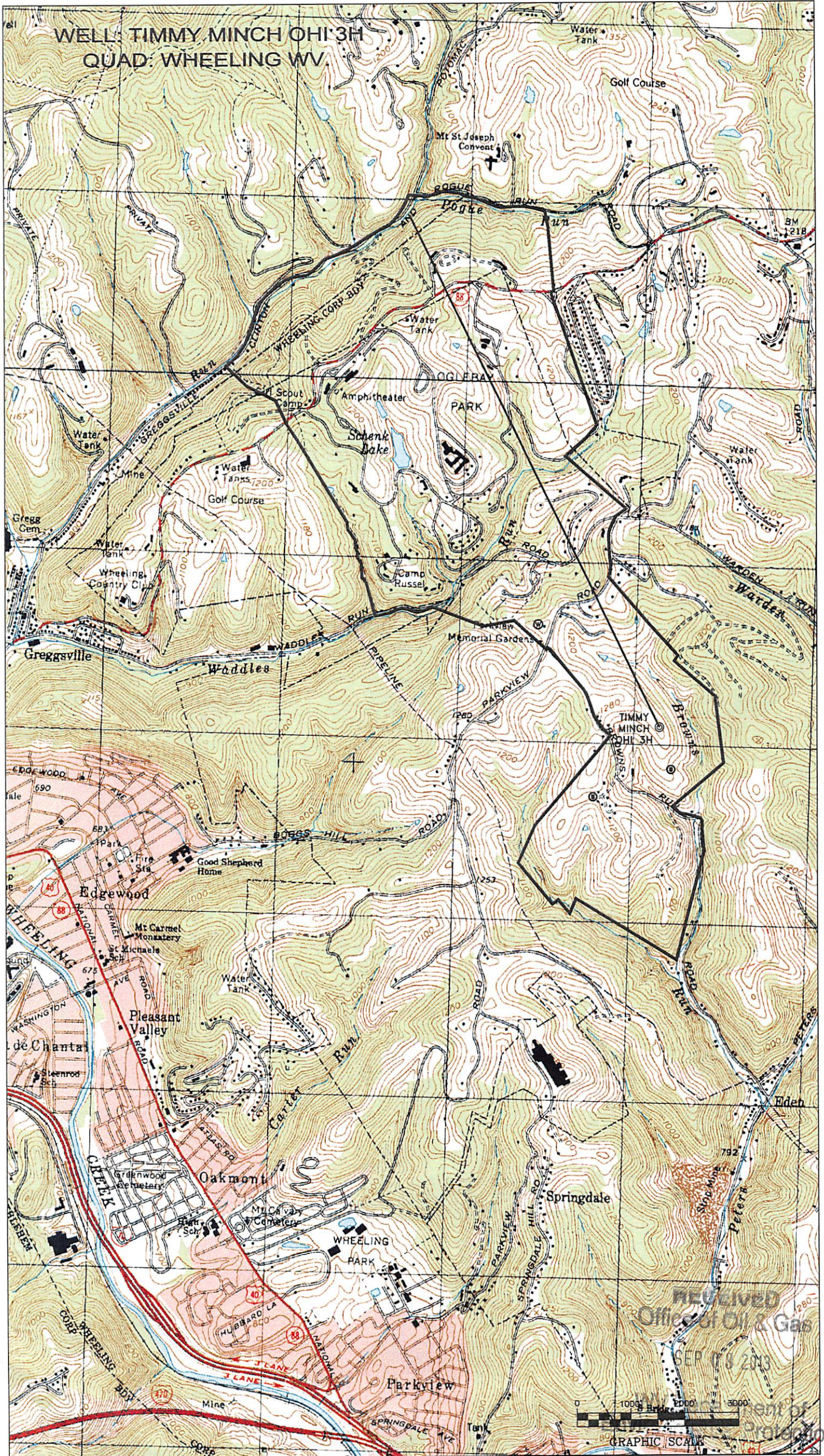
[chk.com/independence](http://chk.com/independence)

See the plan. Spread the word.

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Office of Oil & Gas  
SEP 03 2013  
WV Department of  
Environmental Protection



WELL: TIMMY MINCH OHI 3H  
QUAD: WHEELING WV.



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Office of Oil & Gas

SEP 08 2003

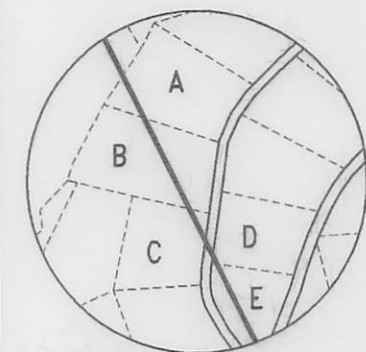


Department of  
Protection

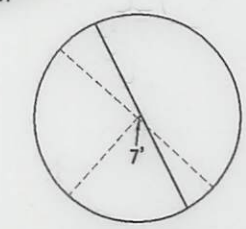
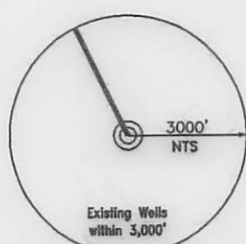
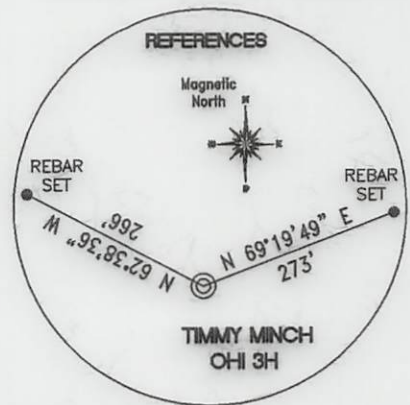
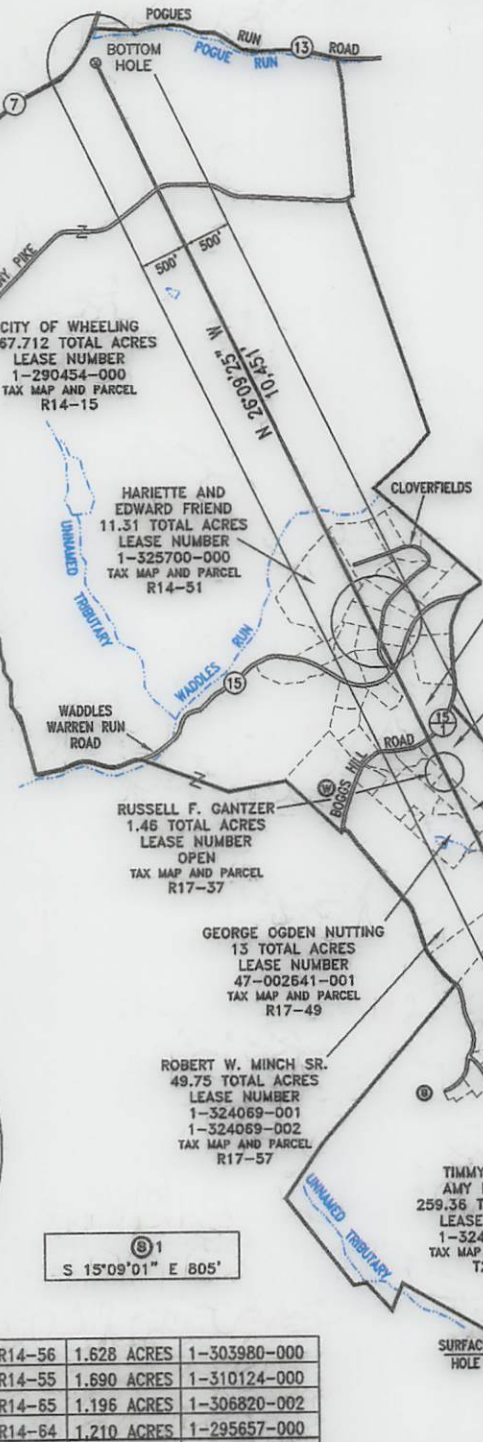


TOP HOLE (UTM NAD 83)  
N) 4437304.9  
E) 530150.4

BOTTOM HOLE (UTM NAD 83)  
N) 4440139.1  
E) 528699.1



A JOSEPH BARK	R14-56	1.628 ACRES	1-303980-000
B MARK AND JODY McGRAIL	R14-55	1.690 ACRES	1-310124-000
C PATRICIA A. PADDEN ET AL	R14-65	1.196 ACRES	1-306820-002
D DONALD E. AND LINDA A. HARSHMAN	R14-64	1.210 ACRES	1-295657-000
E MICHAEL D. AND MICHELLE F. MATTHEWS	R14-89	1.610 ACRES	1-313205-000



**REFERENCE NOTES**  
Boundaries as shown taken from deeds, tax maps and field locations. A full boundary survey is not expressed nor implied. All bearings are based on true north. Ownership taken from public records Ohio County, West Virginia JANUARY 2012 State Plane Coordinates & NAD 83 Lat/Long by differential submeter mapping grade GPS Drafted by: E.A.M.

①  
S 15°09'01" E 805'

FILE #: CHE 055  
DRAWING #: 1999  
SCALE: PLAT: 1"=2000'  
TICK: 1"=2000'  
MINIMUM DEGREE OF ACCURACY: 1/200  
PROVEN SOURCE SUBMETER MAPPING OF ELEVATION: 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 PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: \_\_\_\_\_  
L.L.S. #2124 : Ernest J. Benchek III



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

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

WATERSHED: WHEELING CREEK  
COUNTY/DISTRICT: OHIO/TRIADELPHIA  
SURFACE OWNER: TIMMY B. AND AMY L. MINCH  
OIL & GAS ROYALTY OWNER: TIMMY B. AND AMY L. MINCH  
LEASE NUMBERS: \_\_\_\_\_

TARGET FORMATION: MARCELLUS  
WELL OPERATOR : CHESAPEAKE APPALACHIA, LLC.  
ADDRESS: PO BOX 18496  
CITY: OKLAHOMA CITY STATE: OK ZIP CODE: 73154-0496

DATE: AUGUST 23, 2013  
OPERATOR'S WELL #: TIMMY MINCH OHI 3H  
API WELL #: 47 69  
STATE COUNTY PERMIT MO.D 00155 H6A

ELEVATION : 1,208' (AS-BUILT)  
QUADRANGLE: WHEELING, WV  
ACREAGE: 259.36 +/-  
ACREAGE: 1,447.686 +/-

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_  
ESTIMATED DEPTH: TVD: 6,075' TMD: 16,321'  
DESIGNATED AGENT : ERIC B. GILLESPIE  
ADDRESS: PO Box 6070  
CITY: CHARLESTON STATE: WV ZIP CODE: 25301