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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

January 25, 2016

CNX GAS COMPANY LLC  
POST OFFICE BOX 1248  
JANE LEW, WV 263786506

Re: Permit Modification Approval for API Number 1706631, Well #: OXFD13IHS

### Revised Plat

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.

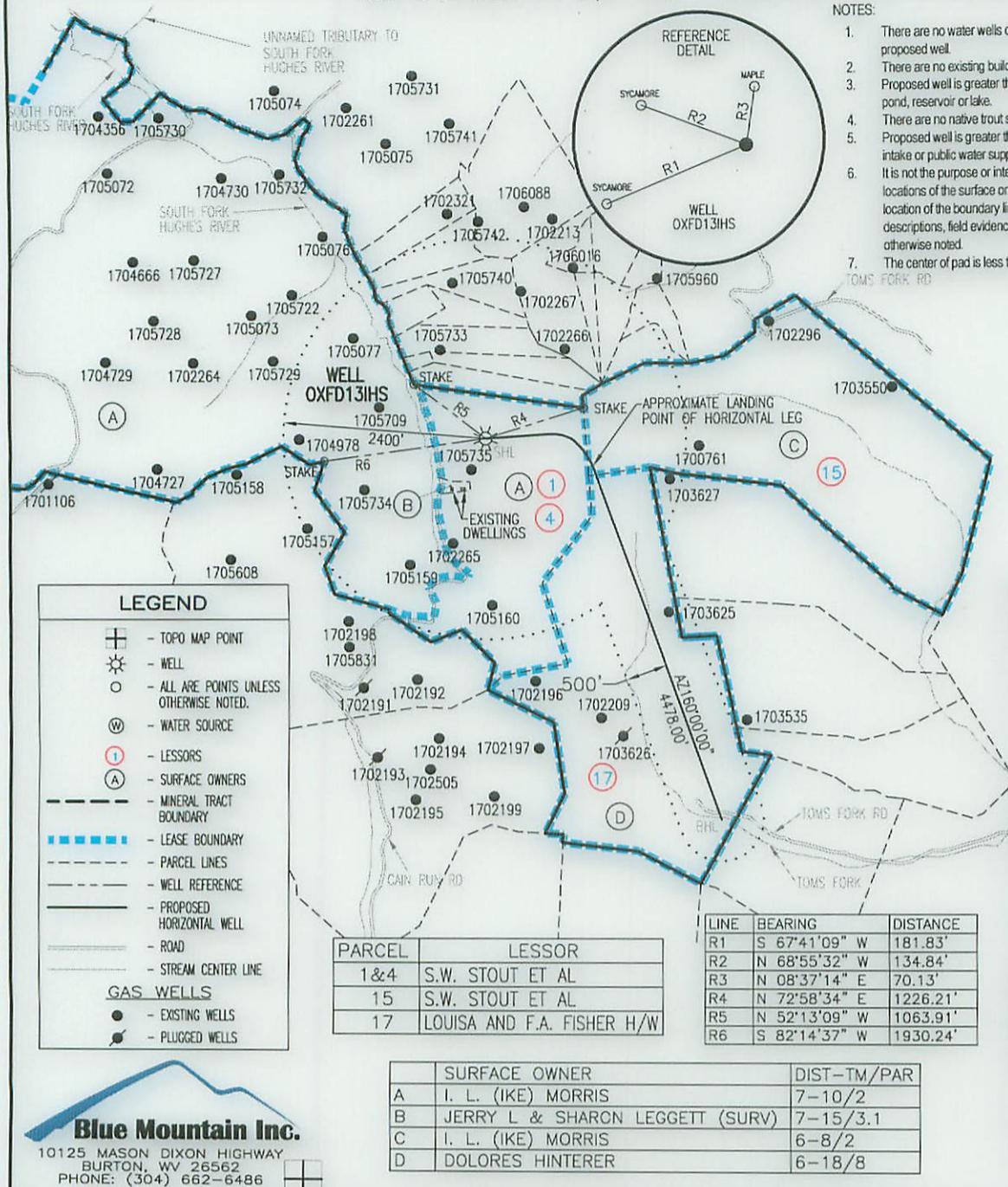
Sincerely,

*GS* Gene Smith  
Assistant Chief of Permitting  
Office of Oil and Gas

Promoting a healthy environment.

Well is located on topo map 14,428 feet south of Latitude: 39° 12' 30"

Well is located on topo map 11,140 feet west of Longitude: 80° 42' 30"



- NOTES:
1. There are no water wells or developed springs within 250' of proposed well.
  2. There are no existing buildings within 625' of proposed well.
  3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
  4. There are no native trout streams within 300' of proposed well.
  5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
  6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.
  7. The center of pad is less than 625' from a dwelling.

**LEGEND**

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED.
- WATER SOURCE
- LESSORS
- SURFACE OWNERS
- MINERAL TRACT BOUNDARY
- LEASE BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE

**GAS WELLS**

- EXISTING WELLS
- PLUGGED WELLS

PARCEL	LESSOR
1 & 4	S.W. STOUT ET AL
15	S.W. STOUT ET AL
17	LOUISA AND F.A. FISHER H/W

LINE	BEARING	DISTANCE
R1	S 67°41'09" W	181.83'
R2	N 68°55'32" W	134.84'
R3	N 08°37'14" E	70.13'
R4	N 72°58'34" E	1226.21'
R5	N 52°13'09" W	1063.91'
R6	S 82°14'37" W	1930.24'

**SURFACE HOLE LOCATION (SHL)**

UTM 17-NAD83  
 N:4335539.90  
 E:521816.90  
 NAD27, WV NORTH  
 N:246017.800  
 E:1646273.000  
 LAT/LON DATUM-NAD83  
 LAT:39.168806  
 LON:-80.747447

**APPROX. LANDING POINT**

UTM 17-NAD83  
 N:4335445.89  
 E:522208.23  
 NAD27, WV NORTH  
 N:245687.981  
 E:1647551.882  
 LAT/LON DATUM-NAD83  
 LAT:39.167950  
 LON:-80.742922

**BOTTOM HOLE LOCATION (BHL)**

UTM 17-NAD83  
 N:4334171.75  
 E:522696.21  
 NAD27, WV NORTH  
 N:241480.037  
 E:1649083.448  
 LAT/LON DATUM-NAD83  
 LAT:39.156456  
 LON:-80.737314

	SURFACE OWNER	DIST-TM/PAR
A	I. L. (IKE) MORRIS	7-10/2
B	JERRY L & SHARON LEGGETT (SURV)	7-15/3.1
C	I. L. (IKE) MORRIS	6-8/2
D	DOLORES HINTERER	6-18/8

**Blue Mountain Inc.**  
 10125 MASON DIXON HIGHWAY  
 BURTON, WV 26562  
 PHONE: (304) 662-6486

FILE #: OXFD13IHS  
 DRAWING #: OXFD13IHS  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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: [Signature]  
 R.P.E.: \_\_\_\_\_ L.L.S.: P.S. No. 2000

**GEORGE D. SIX**  
 LICENSED  
 No. 2000  
 STATE OF  
 WEST VIRGINIA  
 PROFESSIONAL SURVEYOR

PLACE SEAL HERE

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



DATE: NOVEMBER 25, 2015  
 OPERATOR'S WELL #: OXFD13IHS  
 API WELL #: 47 17 06631 H6A MOD  
 STATE COUNTY PERMIT

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

WATERSHED: SOUTH FORK HUGHES RIVER (UNDEFINED) ELEVATION: 1,152.4'±  
 COUNTY/DISTRICT: DODDRIDGE / SOUTHWEST QUADRANGLE: NEW MILTON, WV 7.5'  
 SURFACE OWNER: I. L. (IKE) MORRIS ACREAGE: 6603.75±  
 OIL & GAS ROYALTY OWNER: S.W. STOUT ET AL ACREAGE: 1294.150±

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 ESTIMATED DEPTH: TVD: 7,050'± TMD: 12,998±  
 WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT ANTHONY KENDZIORA  
 Address P.O. BOX 1248 Address P.O. BOX 1248  
 City JANE LEW State WV Zip Code 26378 City JANE LEW State WV Zip Code 26378

**CNX Gas Company LLC**

CNX Center  
1000 CONSOL Energy Drive  
Canonsburg, PA 15317-6506

**phone:** 724 485-3011

**e-mail:** MattHanley@consolenergy.com

**web:** www.consolenergy.com

**MATTHEW HANLEY**

Manager – Gas Permitting (Southern & Ohio  
Regions)

December 3, 2015

West Virginia Department of Environmental Protection  
Office of Oil and Gas  
Attn: Laura Adkins  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304-2345

**Re: OXFD13FHS (API 47-017-06632); and OXFD13IHS (API 47-017-06631) Plat Revisions**

Dear Laura:

This submittal is intended to satisfy your request for updated plats to the above referenced well permits. As you are aware, CNX Gas Company LLC received approved modifications to the OXFD13FHS and OXFD13IHS permits on 06/01/2015 allowing for a directional (NW to SE) and formation (Burket to Marcellus) drilling change. As was discussed at the time, the modification was to intended utilize the originally permitted surface hole location for each well in order to accomplish the desired directional and formational change.

Upon completion of the as-drilled plats, it has come to our attention that the plats used to modify the referenced well permits show incorrect surface hole location coordinates. Therefore, enclosed for your review and the Department's well file are copies of corrected plats show the originally permitted surface locations that were used to develop these wells.

CNX Gas Company LLC appreciates the assistance of the Department in resolving this discrepancy. Please do not hesitate to contact me should you or any members of your team have questions or need additional information.

Sincerely,



Matthew Hanley  
Manager – Gas Permitting (Southern and Ohio Regions)  
CNX Gas Company LLC

**RECEIVED**  
Office of Oil and Gas  
DEC 07 2015  
WV Department of  
Environmental Protection



CNX Center  
1000 CONSOL Energy Drive  
Canonsburg, PA 15317



**phone:** 724.485.3244  
**e-mail:** SarahBaughman@consolenergy.com  
**web:** [www.consolenergy.com](http://www.consolenergy.com)

December 9, 2015

Laura Adkins  
WV DEP  
601 57<sup>th</sup> Street  
Charleston, WV 25304

**SARAH BAUGHMAN**  
Manager - Pennsylvania Gas Permitting

**OXFD13IHS (API 47-17-06631) & OXFD13FHS (API 47-17-06632)**

Ms. Laura Adkins,

Per your request to Matt Hanley, enclosed are two (2) mylar plats for each of the above referenced Marcellus wells.

If any further information or correspondence is required, please contact me at (724)485-3244 or [Sarah.Baughman@consolenergy.com](mailto:Sarah.Baughman@consolenergy.com).

Thank you,

Sarah Baughman

**RECEIVED**  
**Office of Oil and Gas**

**DEC 14 2015**

**WV Department of  
Environmental Protection**