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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

December 29, 2014

TRANS ENERGY, INC.  
P O BOX 393  
ST. MARYS , WV 26170

Re: Permit Modification Approval for API Number 4902270 , Well #: SHAVER 2H

*Change direction of lateral*

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,

Gene Smith  
Assistant Chief of Permitting  
Office of Oil and Gas

September 2, 2014

Laura Cooper  
WV DEP  
Office of Oil and Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304-2345

RE: Shaver 2H 47-049-02270  
Modify Permit

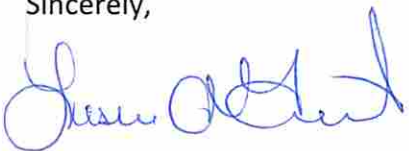
Dear Laura:

We need to modify the drilling permit for the Shaver 2H. We are changing the lateral for this well. The bottom hole coordinates have changed. We have a rig on location drilling and I would like to get approval for the change.

I have enclosed a Checklist that shows the information that we attached. Please review the enclosed and let me know if any additional information is needed.

Thanks for your help.

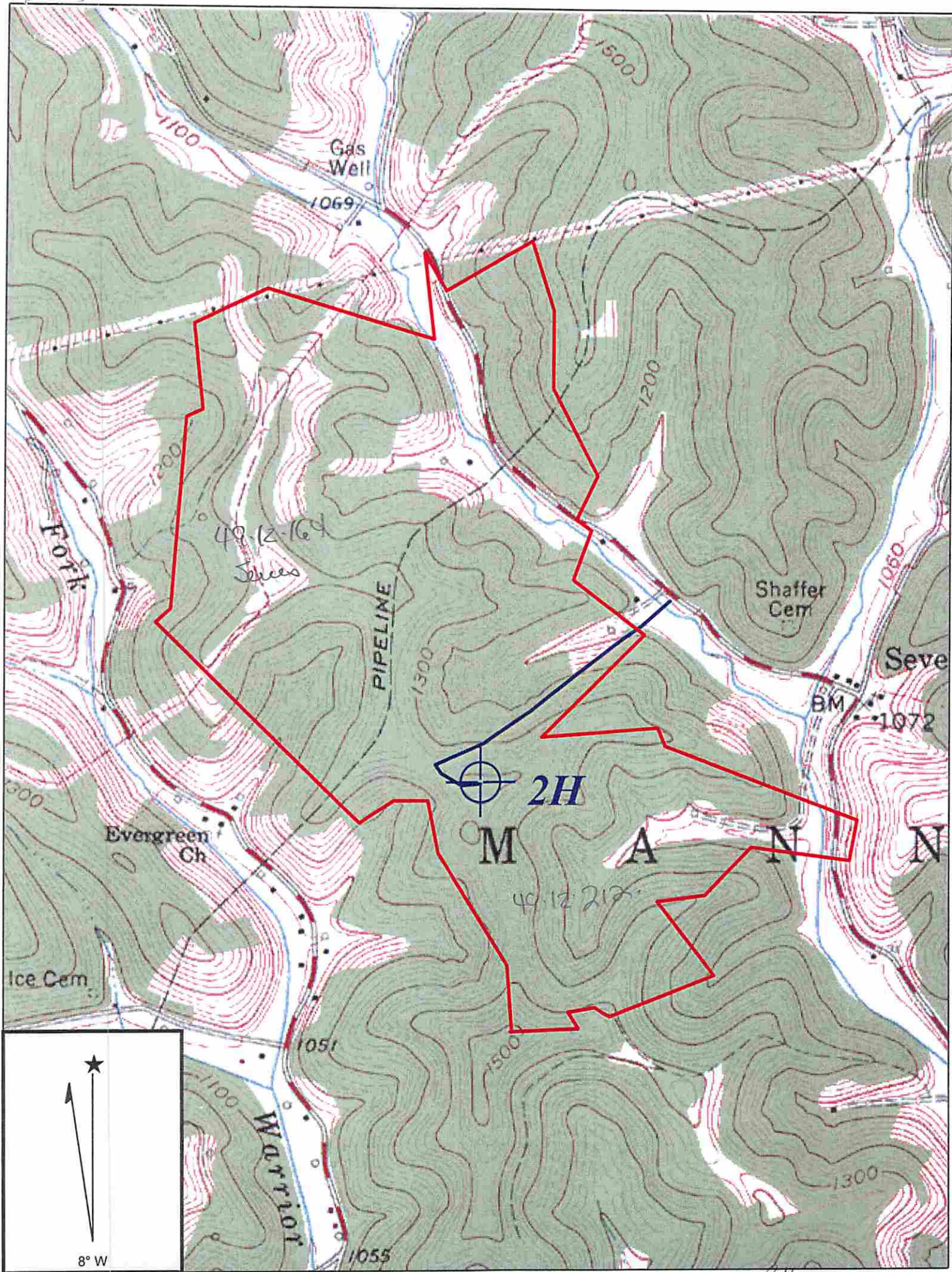
Sincerely,



Leslie A. Gearhart  
VP Operations

RECEIVED  
Office of Oil and Gas  
SEP 05 2014  
WV Department of  
Environmental Protection





Copyright (C) 1997. Maptech, Inc.

Topo. Water

**GLOVER GAP QUADRANGLE**

SCALE 1" = 1000'

No Water

**TRANS ENERGY, INC.**

WELL: SHAVER 2H  
 SHAVER, ET AL 128.75 ACRE LEASE

MANNINGTON DISTRICT    MARION COUNTY    WEST VIRGINIA

WRH  
 7-25-13  
 49-0002270  
 01/02/2015

Received

AUG - 2 2013

Office of Oil and Gas  
 W. Dept. of Environmental Protection



# SHAVER, ET AL 428.77 ACRE LEASE

LATITUDE **39°35'00"**

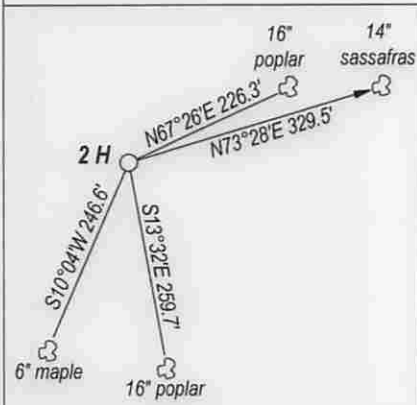
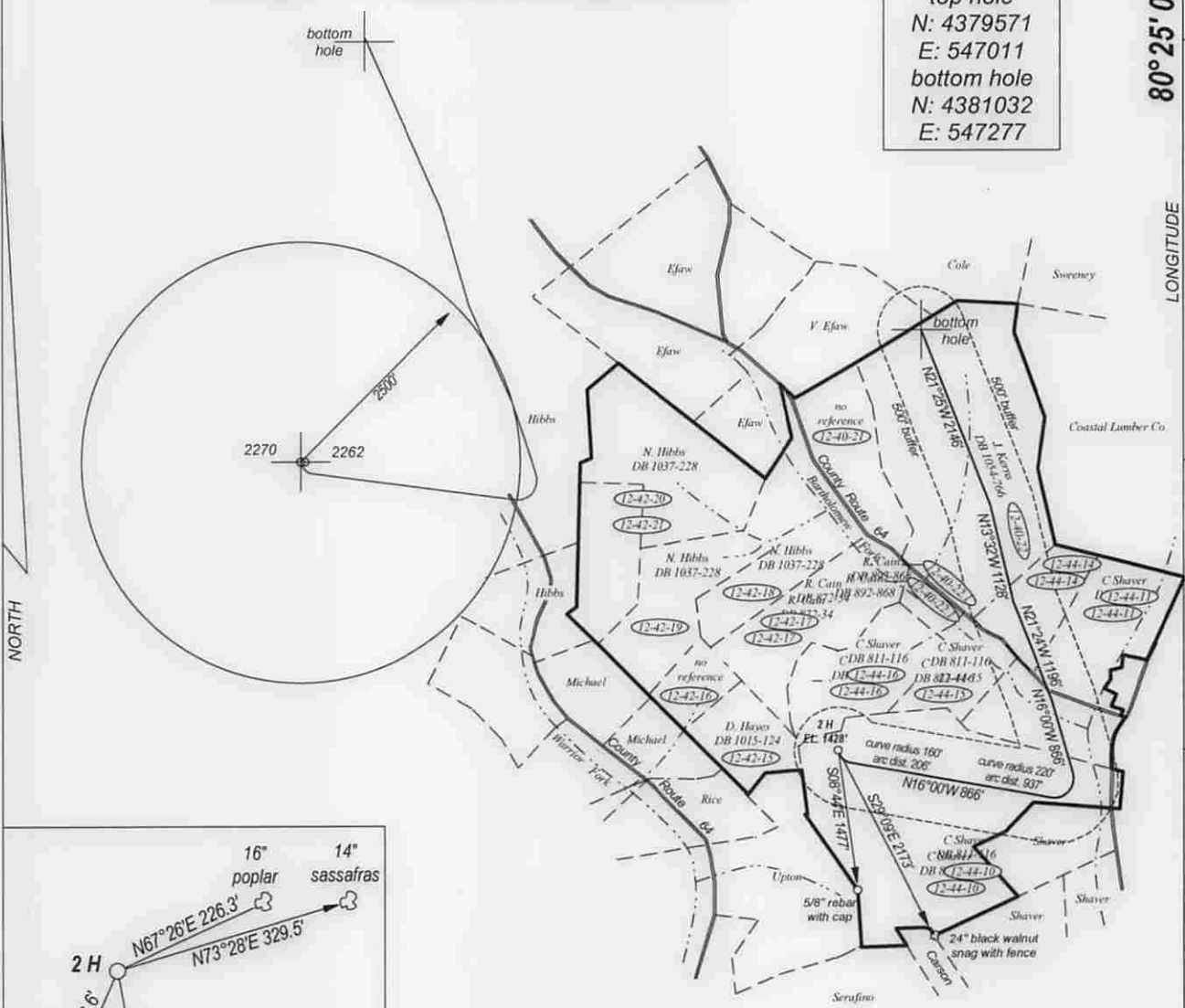
UTM NAD 83  
top hole  
N: 4379571  
E: 547011  
bottom hole  
N: 4381032  
E: 547277

LONGITUDE **80°25'00"**

bottom hole 39°34'39.70" (39.577694)

plat well location

top hole 39°33'52.40" (39.564555)



(D-M-P) = District-Map-Parcel

FILE NO. \_\_\_\_\_  
DRAWING NO. \_\_\_\_\_  
SCALE 1" = 2000'  
MINIMUM DEGREE OF ACCURACY 1:200  
PROVEN SOURCE OF ELEVATION GPS OBSERVATION

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 ENERGY.

(SIGNED) *[Signature]*  
PROFESSIONAL SURVEYOR: 551



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

DATE AUGUST 25TH, 2014  
OPERATORS WELL NO. SHAVER 2H

**API 47 - 049 -02270**  
STATE COUNTY PERMIT

WELL TYPE: OIL XX GAS XX LIQUID INJECTION      WASTE DISPOSAL       
(IF GAS) PRODUCTION XX STORAGE      DEEP      SHALLOW XX

LOATION: ELEVATION 1428' WATER SHED BARTHOLOMEW FORK  
DISTRICT MANNINGTON COUNTY MARION QUADRANGLE GLOVER GAP

SURFACE OWNER CHARLES D. & JUNE SHAVER ACREAGE 128.75  
OIL & GAS ROYALTY SHAVER, ET AL LEASE AC. 428.77

PROPOSED WORK: DRILL XX CONVERT      DRILL DEEPER      REDRILL       
FRACTURE OR STIMULATE      PLUG OFF OLD FORMATION       
PERFORATE NEW FORMATION       
OTHER PHYSICAL CHANGE IN WELL       
PLUG AND ABANDON      CLEAN OUT AND REPLUG     

TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 7200'

WELL OPERATOR TRANS ENERGY, INC. DESIGNATED AGENT LOREN BAGLEY  
ADDRESS P. O. BOX 393 ADDRESS P. O. BOX 393  
ST. MARYS, WV 26170 ST. MARYS, WV 26170

FORM WW - 6

COUNTY NAME

PREMIT

01/02/2015