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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

## PERMIT MODIFICATION APPROVAL

July 26, 2014

MCKOWN, C.I. & SON, INC.  
P. O. BOX 711  
NEWTON, WV 25266

Re: Permit Modification Approval for API Number 3906368 , Well #: ANNA C. SKINNER NO. 28  
**CORRECT SURFACE OWNER NAME**

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

39 06368 M



**C.I. McKOWN & SON, INC.**

*Oil & Gas*

P.O. Box 711  
Newton, West Virginia 25266  
Telephone: (304) 565-7318  
Fax: (304) 565-3804

CORRECTED SURFACE  
OWNER NAME

July 14, 2014

Jeff W. McLaughlin  
State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> Street, East  
Charleston, West Virginia 25304

Re: J.V.R. Skinner #21 (047-039-06367)  
Anna C. Skinner #28 (047-039-06368)

Dear Jeff:

Enclosed please find revisions to the above referenced permit applications. As you can see in the enclosed letter from Craig Kaderavek, while the surface owner notification was sent to the correct address, there was a mistake in the way we listed the name of the surface owner.

Should you need anything further, feel free to contact me at any time.

Thank you,

Yours,

C.I. McKown, II  
President

RECEIVED  
Office of Oil and Gas

JUL 15 2014

WV Department of  
Environmental Protection

CIMII/tm  
Enclosures  
cc: Terry Urban

The  
Forestland  
Group,  
LLC

Scanned / Emailed

To: Tim Roush  
By: Tisha  
7-3-14

3906348

June 30, 2014

C. I. McKown II  
C. I. McKown & Son, Inc.  
P. O. Box 711  
Newton, WV 25266

**RE: Anna C. Skinner #28 and J.V.R. Skinner #21**

Dear Mr. McKown:

I have received the above named Notice and Application for Well Work Permits. It is important to *correct the name of the Surface Owner* as listed on the application and described on the plats.

The surface owner of record is: *Heartwood Forestland Fund VI, L. P.* The Forestland Group, LLC is its Manager, but does not own the property. We are not affiliated in any way with GMO Forestry Fund 3, LP. I encourage you to make these corrections in your applications.

Meanwhile, we will review and evaluate the potential impacts of your project to Heartwood's property and will follow-up this letter with another letter remunerating the compensation for surface damages that may result from your project.

Thank you for advising us of your plans.

Sincerely,



Craig Kaderavek  
Regional Director of Forest Operations  
Appalachian Region

CC: Daniel Koerner

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Office of Oil and Gas  
JUL 15 2014  
WV Department of  
Environmental Protection

19045 Stone Mountain Road • Abingdon, VA 24210 • Telephone: (276) 623-2477 • Fax: (276) 623-1375

Post Office Box 9162 • Chapel Hill, North Carolina 27515 • Telephone: (919) 929-2497 • Fax: (919) 929-8263



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7006 2150 0003 7562 4819

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**CERTIFIED MAIL™ RECEIPT**  
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Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 7.61</b>

Postmark Here

Heartwood  
 Forestland VI, L.P.

Sent To: CRAIG KADERAVEK / FORESTLAND GROUP  
 LLC, MANAGER  
 Street, Apt. No., or PO Box No. 19045 STONE MOUNTAIN RD  
 City, State, ZIP+4 ABINGDON, VA 24210

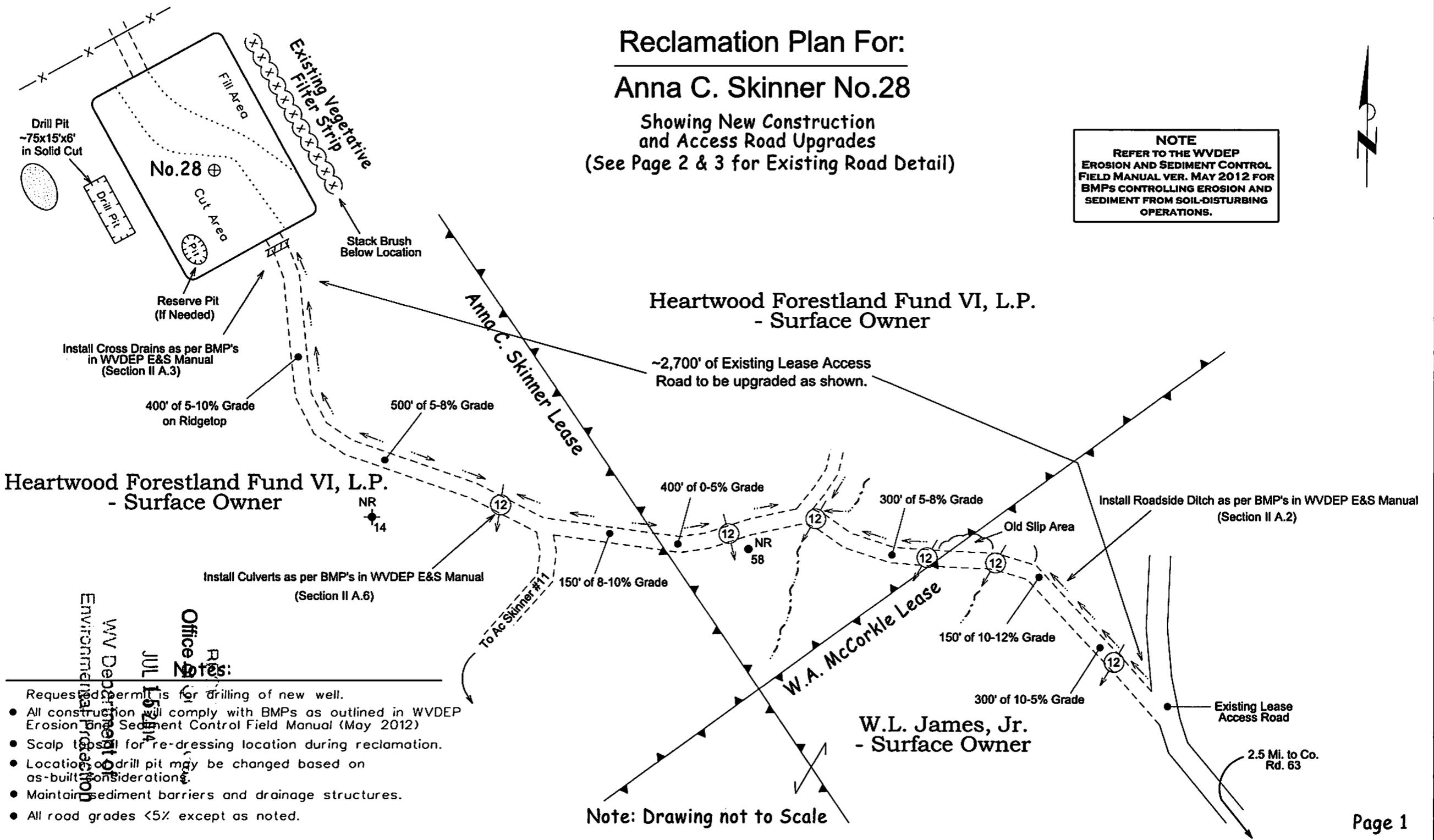
PS Form 3800, August 2006 See Reverse for Instructions

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 Office of Oil and Gas  
 JUL 15 2014  
 WV Department of  
 Environmental Protection

# Reclamation Plan For: Anna C. Skinner No.28

Showing New Construction  
and Access Road Upgrades  
(See Page 2 & 3 for Existing Road Detail)

**NOTE**  
REFER TO THE WVDEP  
EROSION AND SEDIMENT CONTROL  
FIELD MANUAL VER. MAY 2012 FOR  
BMPs CONTROLLING EROSION AND  
SEDIMENT FROM SOIL-DISTURBING  
OPERATIONS.



Heartwood Forestland Fund VI, L.P.  
- Surface Owner

Heartwood Forestland Fund VI, L.P.  
- Surface Owner

W.L. James, Jr.  
- Surface Owner

Note: Drawing not to Scale

Office Notes:  
JUL 15 2014  
Request for  
Environmental  
WV Department  
of Environmental  
Protection

- Request for permit is for drilling of new well.
- All construction will comply with BMPs as outlined in WVDEP Erosion and Sediment Control Field Manual (May 2012)
- Scalp topsoil for re-dressing location during reclamation.
- Location of drill pit may be changed based on as-built considerations.
- Maintain sediment barriers and drainage structures.
- All road grades <5% except as noted.

3906388A

# Reclamation Plan For:

## Anna C. Skinner No.28

Showing Existing Road Detail to County Road

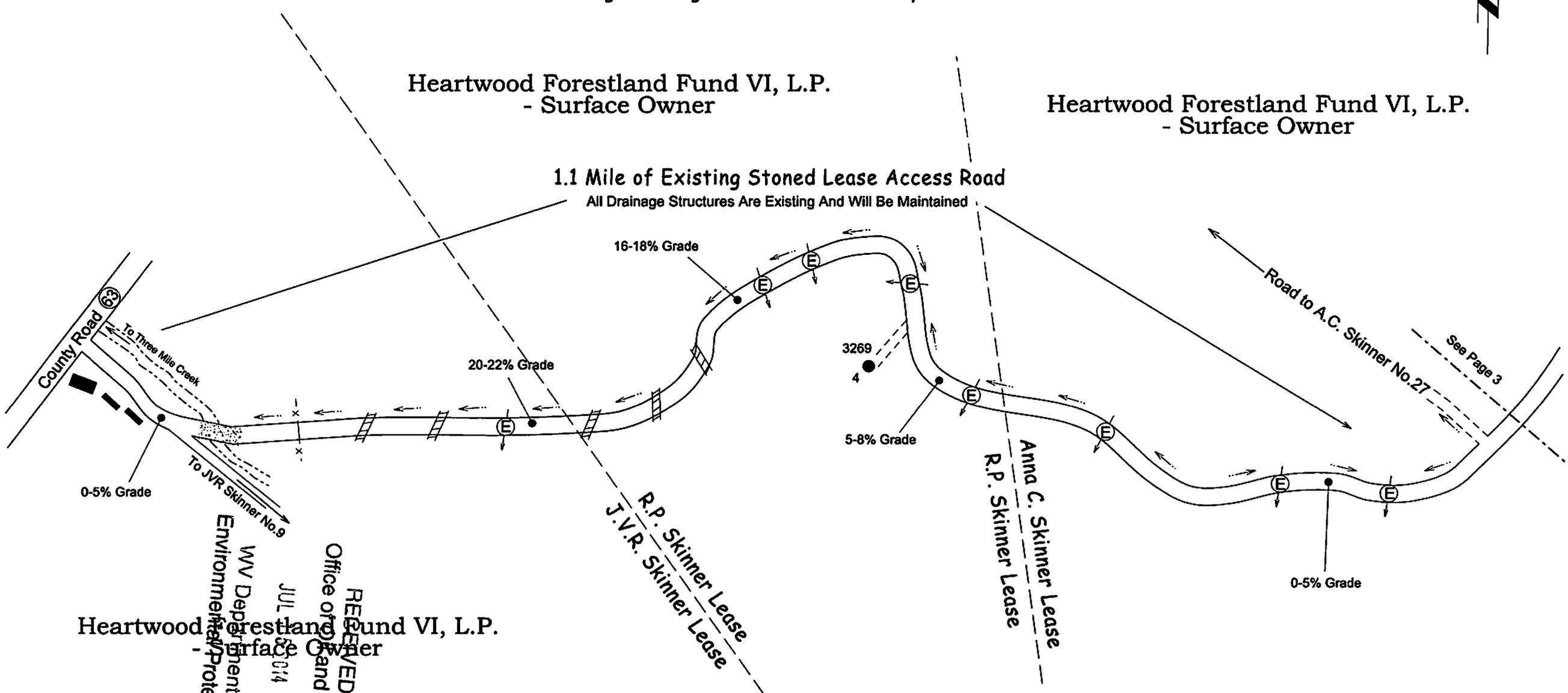


Heartwood Forestland Fund VI, L.P.  
- Surface Owner

Heartwood Forestland Fund VI, L.P.  
- Surface Owner

### 1.1 Mile of Existing Stoned Lease Access Road

All Drainage Structures Are Existing And Will Be Maintained



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Office of Oil and Gas  
JUL 18 2014  
WV Department of  
Environmental Protection  
Heartwood Forestland Fund VI, L.P.  
- Surface Owner

R.P. Skinner Lease  
J.V.R. Skinner Lease

Anna C. Skinner Lease  
R.P. Skinner Lease

Note: Drawing not to Scale

29063684

# Reclamation Plan For: Anna C. Skinner No.28

Showing Existing Road Detail to County Road

2,700' of Existing Lease Access Road to be Upgraded for the Drilling of A.C. Skinner No.28 (See Page 1 for Detail)

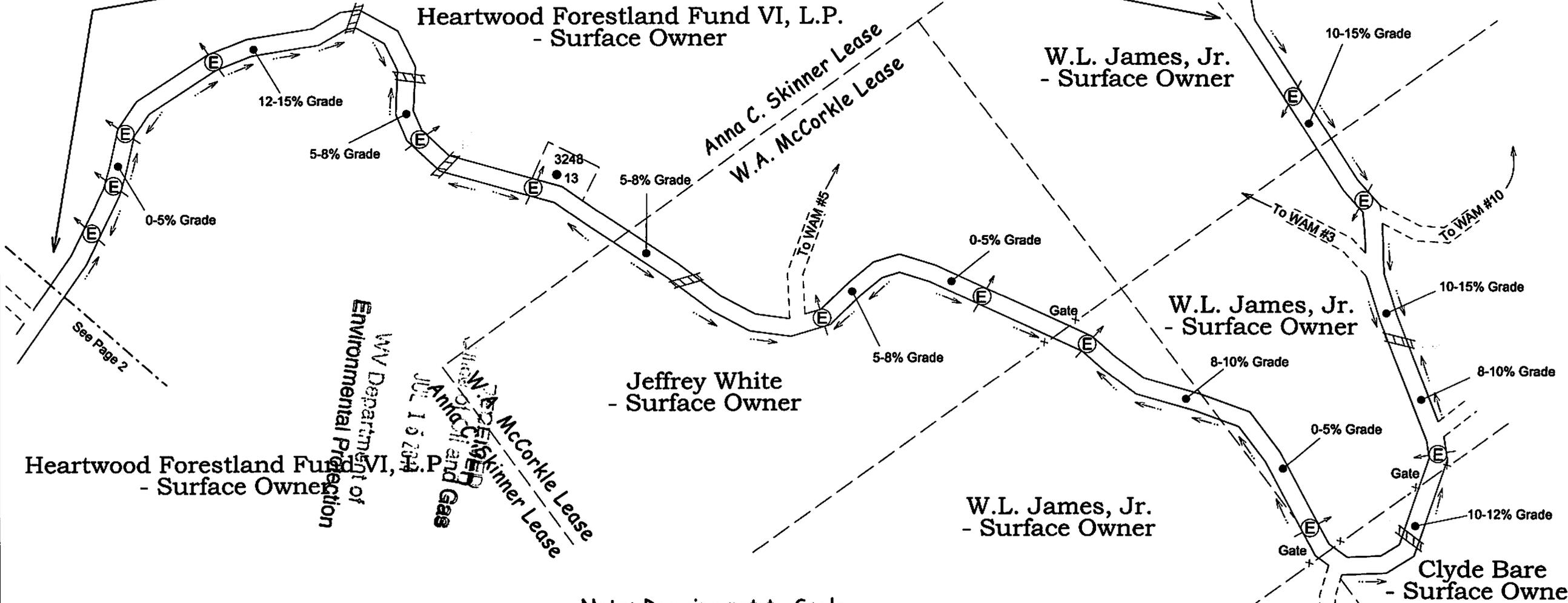


1.4 Mile of Existing Lease Access Road  
All Drainage Structures Are Existing And Will Be Maintained

Heartwood Forestland Fund VI, L.P.  
- Surface Owner

W.L. James, Jr.  
- Surface Owner

Anna C. Skinner Lease  
W.A. McCorkle Lease



Jeffrey White  
- Surface Owner

W.L. James, Jr.  
- Surface Owner

W.L. James, Jr.  
- Surface Owner

Clyde Bare  
- Surface Owner

Note: Drawing not to Scale

WV Department of  
Environmental Protection

JUL 1 5 2004

W.A. McCorkle Lease  
Anna C. Skinner Lease  
W.A. McCorkle Lease

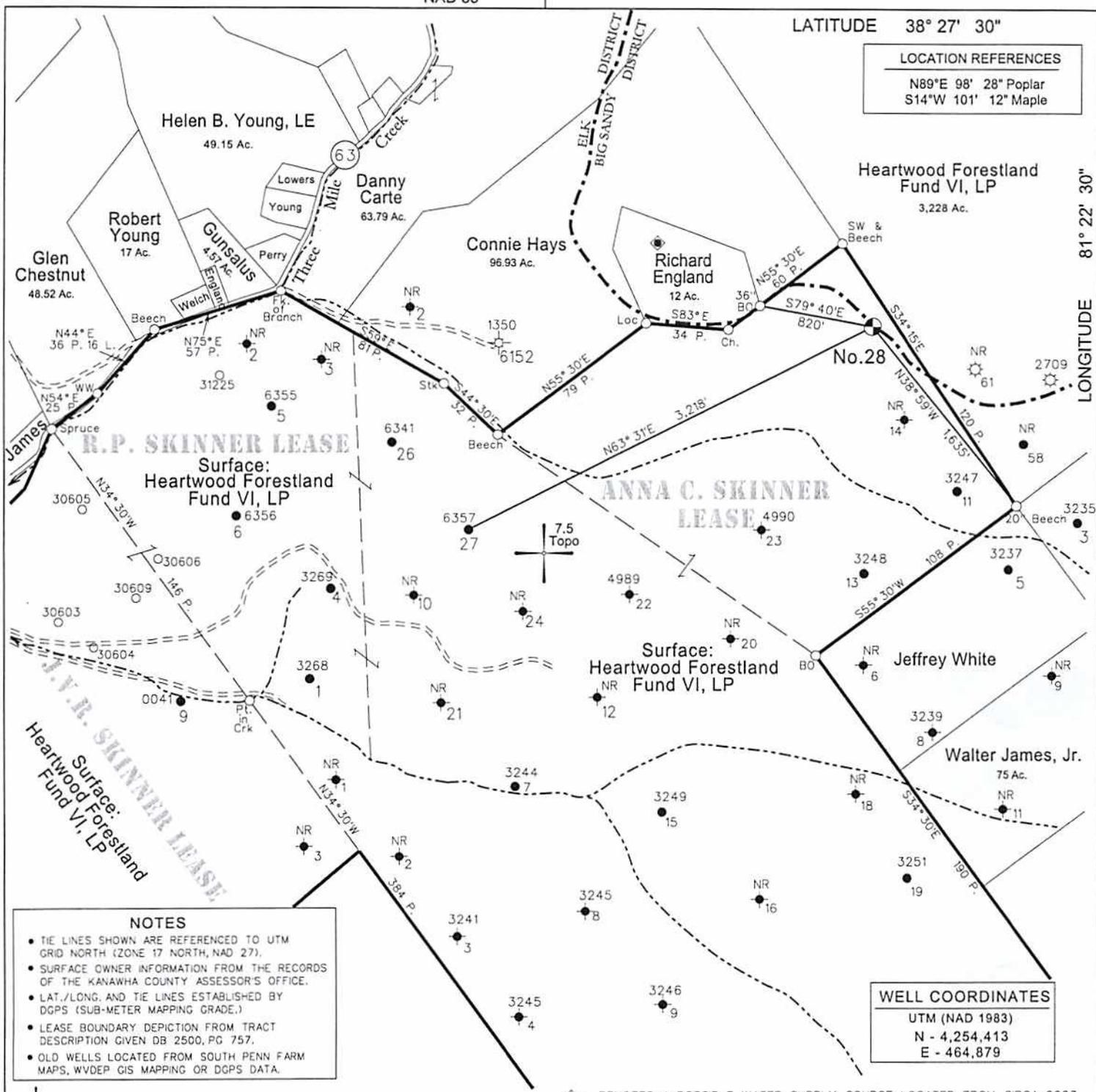
Heartwood Forestland Fund VI, L.P.  
- Surface Owner

See Page 2

39 063684

LOCATION REFERENCES

N89°E 98' 28" Poplar  
S14°W 101' 12" Maple



LONGITUDE 81° 22' 30"  
NAD 83  
Latitude - 38°26' 14.3"

NOTES

- THE LINES SHOWN ARE REFERENCED TO UTM GRID NORTH (ZONE 17 NORTH, NAD 27).
- SURFACE OWNER INFORMATION FROM THE RECORDS OF THE KANAWHA COUNTY ASSESSOR'S OFFICE.
- LAT./LONG. AND TIE LINES ESTABLISHED BY DGPS (SUB-METER MAPPING GRADE.)
- LEASE BOUNDARY DEPICTION FROM TRACT DESCRIPTION GIVEN DB 2500, PG 757.
- OLD WELLS LOCATED FROM SOUTH PENN FARM MAPS, WVDEP GIS MAPPING OR DGPS DATA.

WELL COORDINATES

UTM (NAD 1983)  
N - 4,254,413  
E - 464,879

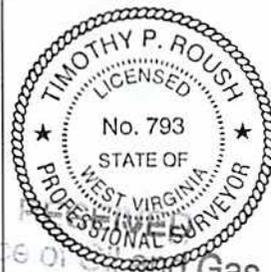
— DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

• DENOTES A POSSIBLE WATER SUPPLY SOURCE LOCATED FROM CIRCA 2003 AERIAL PHOTOGRAPHY - NOT BY SURVEY. OTHER SOURCES MAY BE PRESENT.

FILE NO. 116-21  
 DRAWING NO. 28  
 SCALE 1" = 1,000'  
 MINIMUM DEGREE OF ACCURACY Sub-Meter  
 PROVEN SOURCE OF ELEVATION DGPS Survey

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 MINES

(SIGNED) [Signature]  
 TIMOTHY P. ROUSH PS 793



WEST VIRGINIA  
 Division of Environmental Protection  
 Office of Oil and Gas  
 601 57th Street  
 Charleston, West Virginia 25304



DATE Revised July 8, 2014  
 FARM Anna C. Skinner No.28  
 API WELL NO. 47 - 039  
 WV Dept of Environmental Protection

WELL TYPE: OIL  GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW  HORIZONTAL \_\_\_  
 LOCATION: ELEVATION 1,099' WATERSHED Three Mile Creek  
 DISTRICT Eik COUNTY Kanawha  
 QUADRANGLE Blue Creek 7.5'

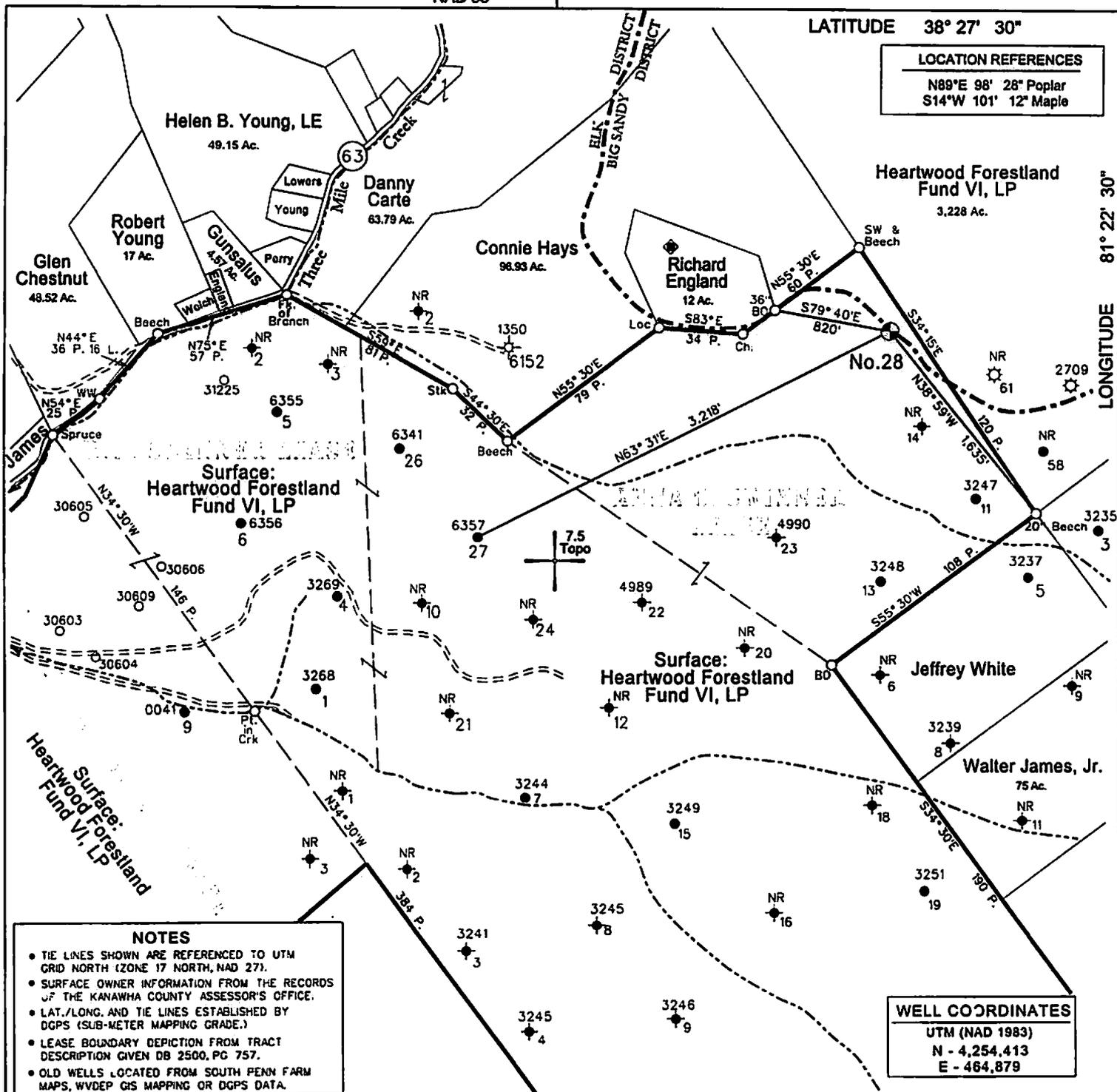
SURFACE OWNER Heartwood Forestland Fund VI, LP ACREAGE 685.75 Ac.  
 OIL & GAS ROYALTY OWNER Charles W. Skinner Jr. LEASE ACREAGE 625 Ac.  
 LEASE NO. \_\_\_\_\_

PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR  
 STIMULATE  PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW  
 FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Weir ESTIMATED DEPTH 2,250'  
 WELL OPERATOR C.I. McKown & Son, Inc. DESIGNATED AGENT C.I. McKown, II  
 ADDRESS P.O. Box 711 ADDRESS P.O. Box 711  
Newton, WV 25266 Newton, WV 25266

LOCATION REFERENCES

N89°E 98' 28" Poplar  
S14°W 101' 12" Maple



NOTES

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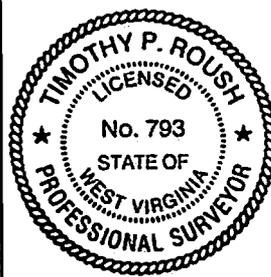
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(SIGNED) [Signature]  
 TIMOTHY P. ROUSH PS 793



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 Division of Environmental Protection  
 Office of Oil and Gas  
 601 57th Street  
 Charleston, West Virginia 25304



DATE Revised July 8, 2014  
 FARM Anna C. Skinner No.28  
 API WELL NO. 47 - 039 RECORD 368  
 Office of Oil and Gas

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW  HORIZONTAL  JUL 15 2014  
 LOCATION: ELEVATION 1,099' WATERSHED Three Mile Creek  
 DISTRICT Elk COUNTY Kanawha WV Department of Environmental Protection  
 QUADRANGLE Blue Creek 7.5'  
 SURFACE OWNER Heartwood Forestland Fund VI, LP ACREAGE 685.75 Ac.  
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