



west virginia department of environmental protection

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. :
CORRECT SURFACE OWNER NAME 28

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 57th 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

08/01/2014

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

RECEIVED
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

08/01/2014

39 0638 84

WW-2A
(Rev. 6-07)

1) Date: June 10, 2014
2) Operator's Well Number
Anna C. Skinner No.28
3) API Well No: 47 - 039 -
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

4) Surface Owner(s) to be served: MODIFICATION
(a) Name Heartwood Forestland Fund VI, L.P.
Address 19045 Stone Mountain Road
Abingdon, VA 24210
(b) Name Walter & Dottie James Jr.
Address 1611 Three Mile Road
Elkview, WV 25071
(c) Name Jeffrey White
Address P.O. Box 1052
Elkview, WV 25071
6) Inspector Terry Urban
Address PO Box 1207
Clendenin, WV 25045
Telephone (304) - 549-5915
4) (d) Additional Surface Owner to be served
Name Clyde Bare
Address 150 5th Ave.
South Charleston, WV 25303
5) (b) Coal Owner(s) with Declaration
Name Charles W. Skinner, Jr. Agt.
Address 22 Northome Cove Road
Tenants Harbor, ME 04860
Name
Address
(c) Coal Lessee with Declaration
Name NA
Address

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas **OR**
X Included is the information required by Chapter 22, Article 6, Section 8(d) of the Code of West Virginia (see page 2)

I certify that as required under Chapter 22 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through 4 on the above-named parties, by:

 Personal Service (Affidavit attached)
X Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

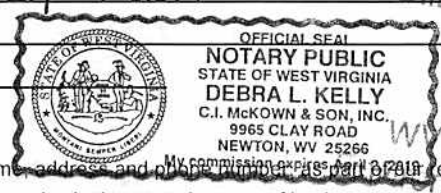
I have read and understand Chapter 22-6 and 35 CSR 4, and I agree to the terms and conditions of any permit issued under this application.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator C.I. McKown & Son, Inc.
By: [Signature] C.I. McKown, II
Its: President
Address P.O. Box 711
Newton, WV 25266
Telephone (304) 565-7318

Subscribed and sworn before me this 9th day of July, 2014
Debra L. Kelly
My commission expires April 2, 2019



RECEIVED
Office of Oil and Gas
Notary Public
JUL 15 2014
Department of Environmental Protection

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and other information, for regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov

08/01/2014

39063 68m

7006 2150 0003 7562 4819

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 1.61
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.61

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

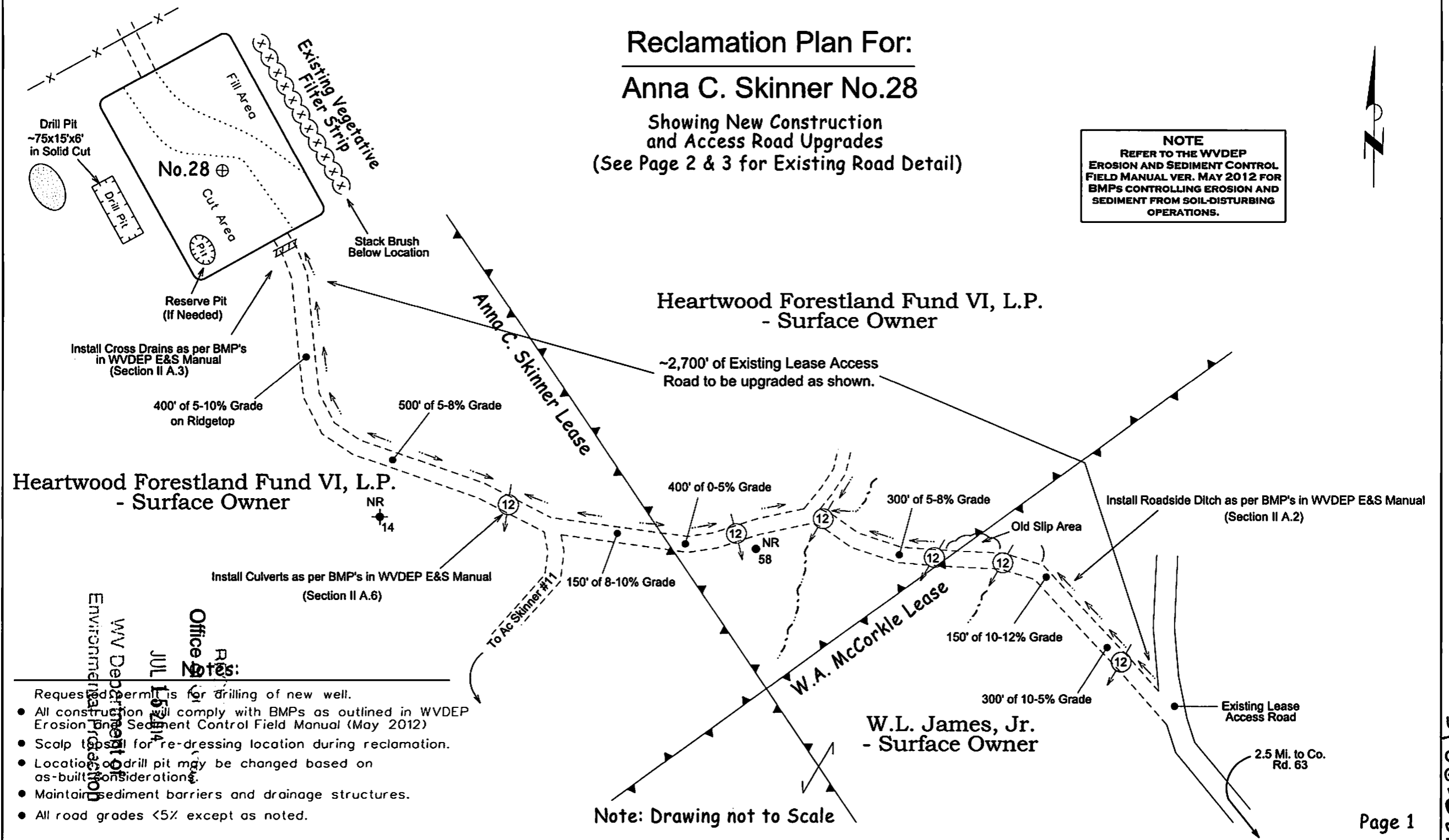
PS Form 3800, August 2006 See Reverse for Instructions

RECEIVED
 Office of Oil and Gas
 JUL 15 2014
 WV Department of
 Environmental Protection
 08/01/2014

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

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.

Note: Drawing not to Scale

3906388A

Reclamation Plan For:

Anna C. Skinner No.28

Showing Existing Road Detail to County Road

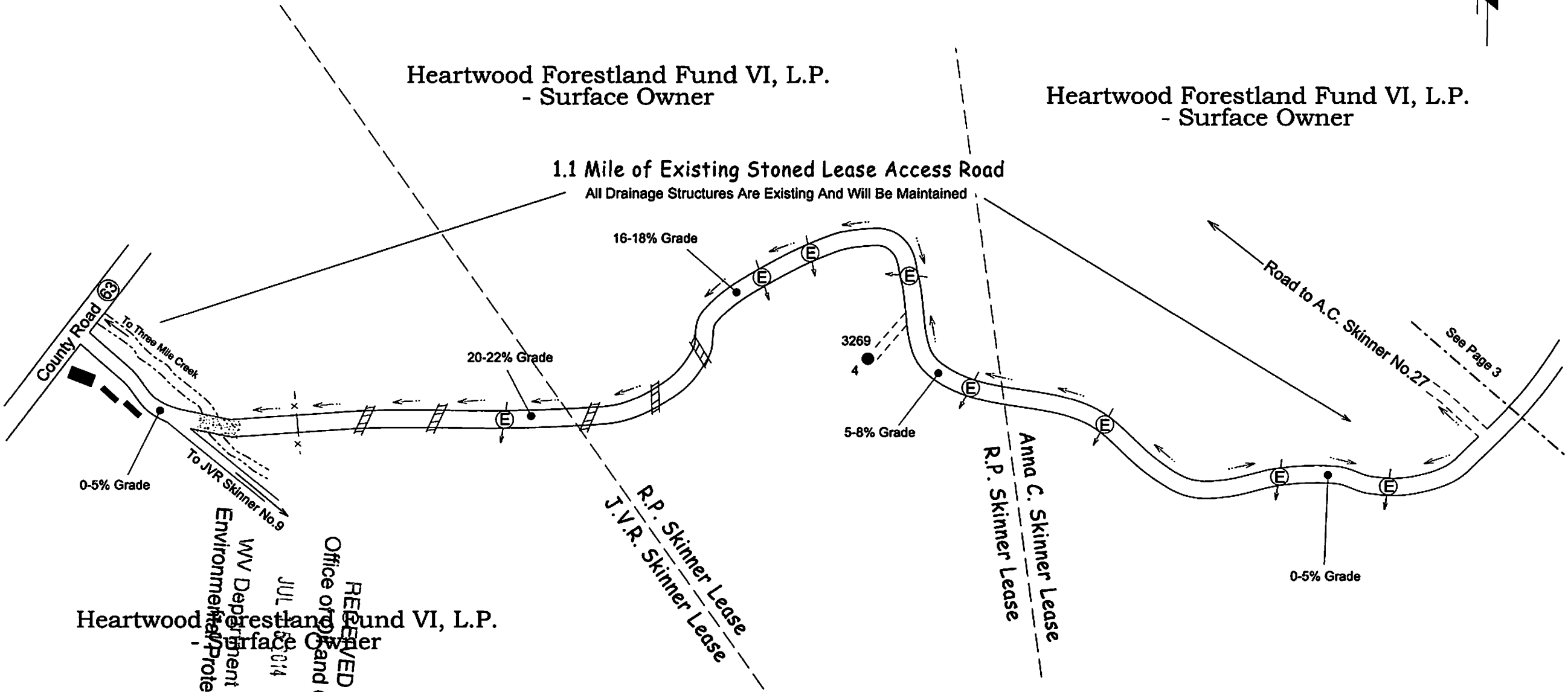


Heartwood Forestland Fund VI, L.P.
- Surface Owner

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



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

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)

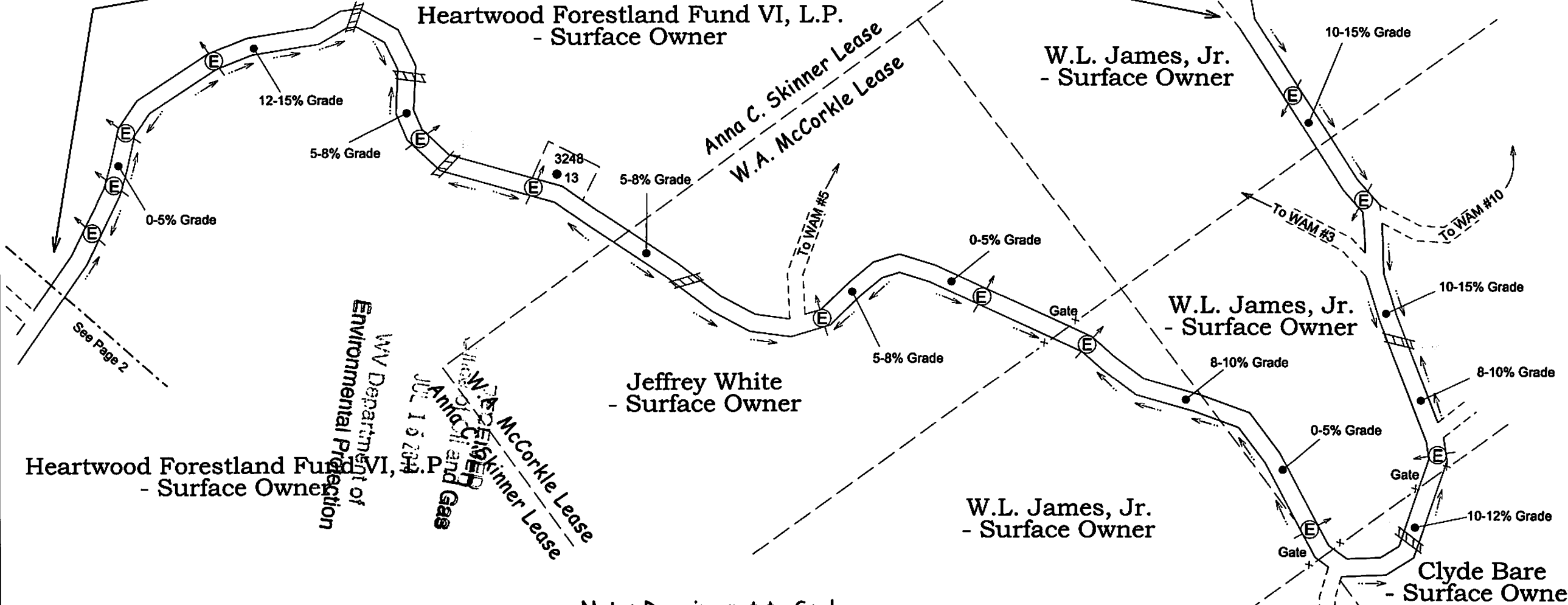


1.4 Mile of Existing Lease Access Road
All Drainage Structures Are Existing And Will Be Maintained

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

W.L. James, Jr.
- Surface Owner

Anna C. Skinner Lease
W.A. McCorkle Lease



WV Department of
Environmental Protection

JUL 1 5 2004

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

Jeffrey White
- Surface Owner

W.L. James, Jr.
- Surface Owner

W.L. James, Jr.
- Surface Owner

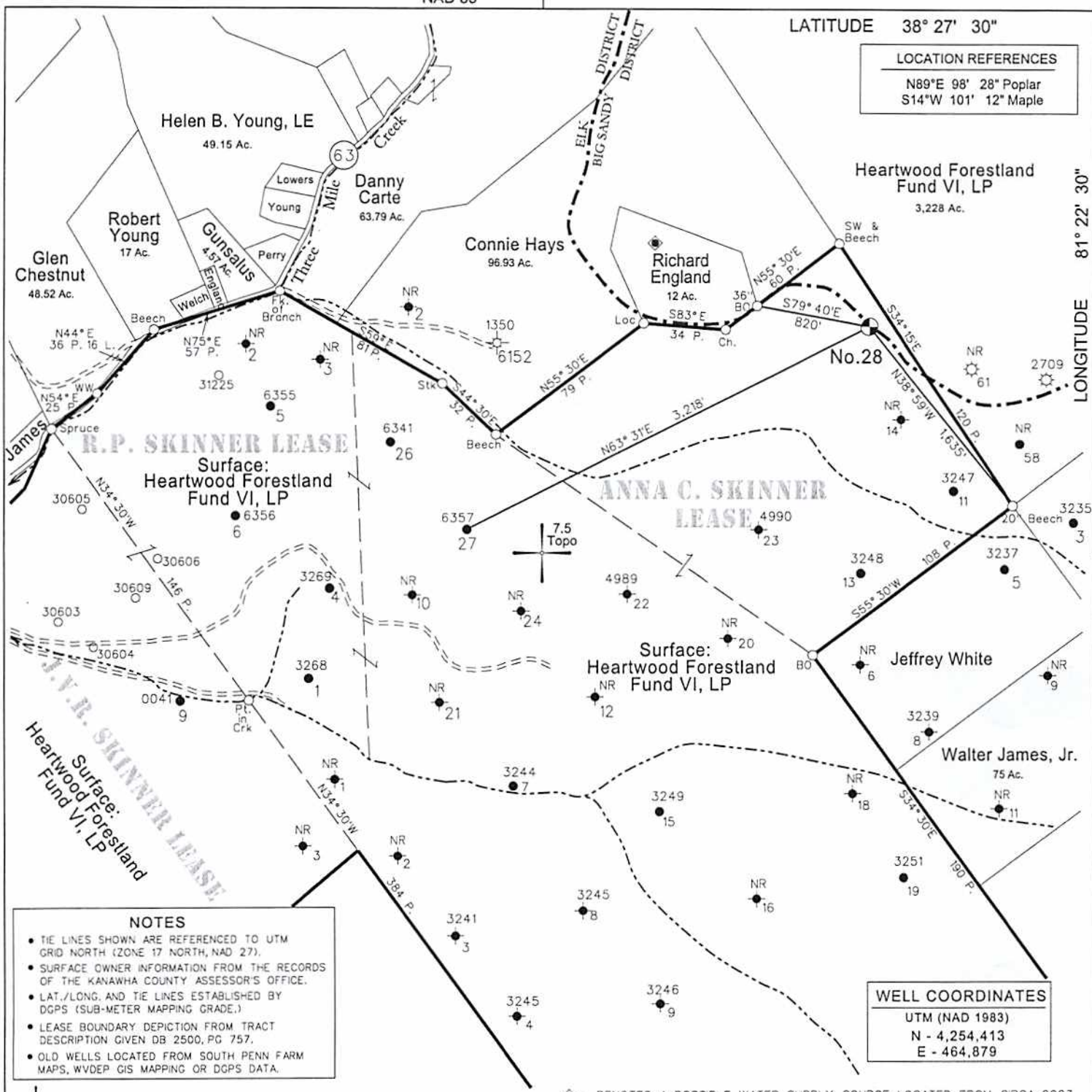
Clyde Bare
- Surface Owner

Note: Drawing not to Scale

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

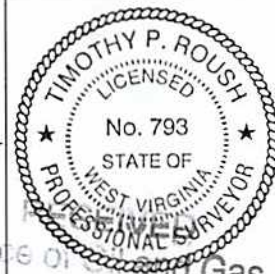
— DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

• 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 Department 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'

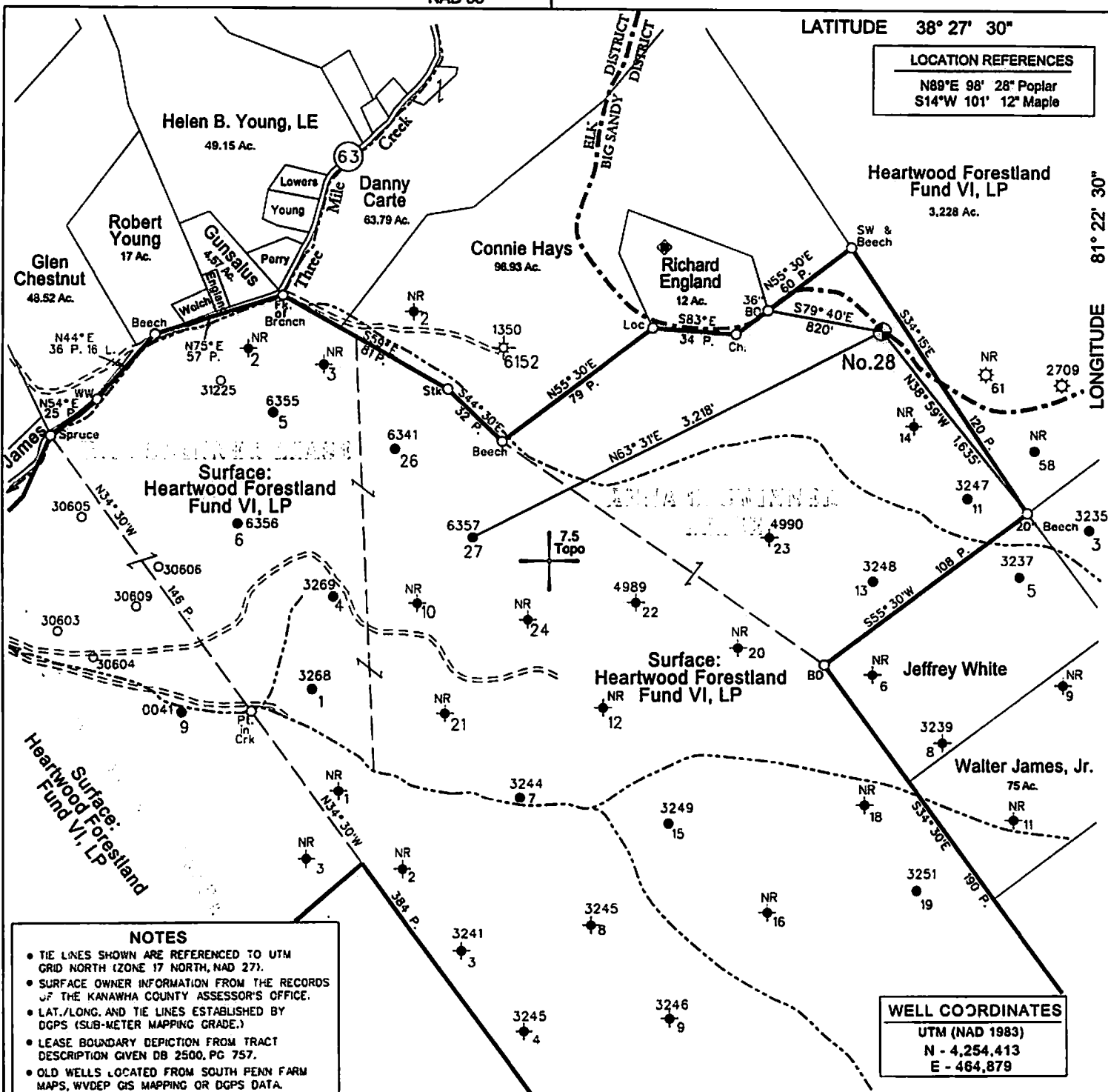
SURFACE OWNER Heartwood Forestland Fund VI, LP ACREAGE 685.75 Ac.
OIL & GAS ROYALTY OWNER Charles W. Skinner Jr. LEASE ACREAGE 625 Ac. **08/01/2014**

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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- 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

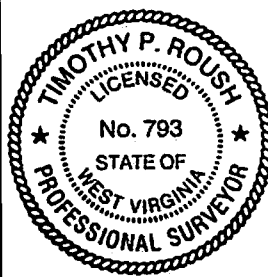
⊕ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

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

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 MINIMUM DEGREE OF ACCURACY Sub-Meter
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(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 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.
 OIL & GAS ROYALTY OWNER Charles W. Skinner Jr. LEASE AGREEMENT 625 Ac. 08/01/2014
 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