



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

June 18, 2013

WELL WORK PERMIT

Re-Work

This permit, API Well Number: 47-3903348, issued to COLUMBIA GAS TRANSMISSION, LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: 12116
Farm Name: NATIONAL TIMBER PARTNERS \\
API Well Number: 47-3903348
Permit Type: Re-Work
Date Issued: 06/18/2013

390 3348R

WW - 2B
(Rev. 8/10)

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

1) Well Operator: Columbia Gas Transmission, LLC 307032 Kanawha Big Sandy Blue Creek
Operator ID County District Quadrangle

39 01 258

2) Operator's Well Number: Coco A 12116 (existing well) 3) Elevation: 1147

4) Well Type: (a) Oil _____ or Gas _____
(b) If Gas: Production _____ / Underground Storage X _____
Deep X _____ / Shallow _____

5) Proposed Target Formation(s): Oriskany Proposed Target Depth: 5550 (actual)

6) Proposed Total Depth: 5625 (actual) Feet Formation at Proposed Total Depth: Oriskany

7) Approximate fresh water strata depths: none reported by driller in 1978

8) Approximate salt water depths: 1040 - 1500 ft (as reported by driller in 1978)

9) Approximate coal seam depths: none reported by driller in 1978

10) Approximate void depths, (coal, Karst, other): none reported by driller in 1978

11) Does land contain coal seams tributary to active mine? no

12) Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)

Log and install bridge plug. Replace wellhead. Fracture stimulate (less than 500 bbls fresh water based viscosified system, nitrogen assist, sand)

Angie W. [Signature]
4-30-13

13) **CASING AND TUBING PROGRAM**

TYPE	SPECIFICATIONS			FOOTAGE	INTERVALS	CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	Fill -up (Cu. Ft.)
Conductor						
Fresh Water	13-3/8	H-40	48	91	91	150 sx
Coal						
Intermediate	9-5/8	H-40	32	2166	2166	650 sx
Production	7	N-80	23	5528	5528	200 sx
Tubing						
Liners						

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MAY 15 2013
WV Department of Environmental Protection

Packers: Kind: none
Sizes: _____
Depths Set * note that casing/tubing listed above is existing - no tubulars planned to be installed during permitted work

06/21/2013

WW-2B1
(5-12)

Well No. Coco A 12116 (existing well)

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

Be advised, you have the right to sample and analyze any water supply at your own expense.

Listed below is the laboratory chosen by operator to perform analysis, and contactor chosen to collect sample.

Certified Laboratory Name _____
Sampling Contractor _____

Well Operator Not applicable - existing underground natural gas storage well.
Address _____
Telephone _____

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

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MAY 15 2013
WV Department of
Environmental Protection

3903348R

Form OG-10



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
WELL RECORD

Rotary
Spudder
Cable Tools
Storage

Quadrangle Blue Creek
Permit No. Kan. 3348

Oil or Gas Well Gas
(KIND)

Company Columbia Gas Trans. Corp.
Address P.O. Box 1273 Charleston, W. Va.
Farm Ray Resources Corp. Acres _____
Location (waters) Falling Rock
Well No. 12116 Elev. 1147.45
District Elk County Kanawha
The surface of tract is owned in fee by Ray Resources Corp. Address Charleston, W. Va.
Mineral rights are owned by Ray Resources Corp. Address Charleston, W. Va.
Drilling commenced September 23, 1978
Drilling completed October 4, 1978
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) _____
WELL FRACTURED (DETAILS) 706 BBLs with 30,000 lbs. 20-40 Mesh Sand treating at 2950# pressure.
RESULT AFTER TREATMENT (Initial open Flow or bbls.) 15.3 MMCF
ROCK PRESSURE AFTER TREATMENT 1717 HOURS Maximum
Fresh Water _____ Feet _____ Salt Water Sald Sand Feet 1040' to 1500'
Producing Sand Oriskany Depth 5550' to 5585'

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13	91	91	
XX 9-5/8	2166	2166	Size of
XXX 7"	5528	5528	Depth set
6 3/8			
5 3/16			
4 1/2			
3			Perf. top
2 3/8	5563	5563	Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Attach copy of cementing record.
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Amount of cement used (bags) _____
Name of Service Co. _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES
_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Sand			0	103			
Shale			103	129			
Sand			129	290			
Shale			290	320			
Sand			320	350			
Shale			350	360			
Sand			360	380			
Shale			380	450			
Sand			620	1040			
Salt Sand			1040	1500			
Shale			1500	1700			
Lime			1700	1928			
Shale			1928	1956			
Injun Sand			1956	1982			
Shale			1982	1990			
Injun			1990	2010			
Weir			2010	2151			
Shale			2151	5446			
Lime			5446	5550			
Oriskany			5550	5585			

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Office of Oil and Gas

MAY 15 2013

WV Department of
Environmental Protection

06/21/2013

WW-2A
(Rev. 6-07)

1.) Date: 6/10/13
2.) Operator's Well Number Coco A 12116 (existing well)
State 47- County 039 Permit 03348
3.) API Well No.:

**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:	5) (a) Coal Operator
(a) Name <u>Heartwood Forestland Fund VII</u>	Name <u>not operated</u>
Address <u>3001 Emerson Ave.</u>	Address _____
<u>Parkersburg, WV 26104</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name _____
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Terry Urban</u>	(c) Coal Lessee with Declaration
Address <u>PO Box 1207</u>	Name _____
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-549-5915</u>	_____

TO THE PERSONS NAMED ABOVE TAKE NOTICE THAT:

OR Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas

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 22-6 of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through ___ on the above named parties by:

- _____ Personal Service (Affidavit attached)
- _____ 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 Columbia Gas Transmission, LLC
 By: James E. Amos
 Its: Senior Engineer
 Address 1700 MacCorkle Ave. SE
Charleston, WV 25325-1273
 Telephone 304-357-2000

James E. Amos

Subscribed and sworn before me this 10th day of June, 2013

Mary Marie Clendenin

My Commission Expires 3/22/2015

Oil and Gas Privacy Notice



The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our 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

06/21/2013

Surface Waiver

SURFACE OWNER WAIVER

County Kanawha

Operator
Operator well number

Columbia Gas Transmission, LLC
Coco A 12116 (existing well)

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A

The well operator named on page WW2A is applying for a permit from the State to do oil or gas well work. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Received
Office of Oil & Gas
MAY 23 2013

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

- The Chief has the power to deny or condition a well work permit based on comments on the following grounds:
- 1) The proposed well work will constitute a hazard to the safety of persons.
 - 2) The soil erosion and sediment control plan is not adequate or effective;
 - 3) Damage would occur to publicly owned lands or resources;
 - 4) The proposed well work fails to protect fresh water sources or supplies;
 - 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A, and attachments consisting of pages 1 through ___ including a work order on Form WW2-B, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature _____ Date _____ Company Name _____
By _____
Its _____ Date _____

Print Name _____
By: HEARTWOOD FORESTLAND FUND VII, L.P.
By: Heartwood Forestland Advisors VII, LLC
Its general partner
By: The Forestland Group, LLC
Its Manager
James G. Wilhelm
James G. Wilhelm
C-77-13
Signature _____ Date _____

WW-2A1
(Rev. 1/11)

Operator's Well Number Coco A 12116 (existing well)

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6, Section 8(d)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
Seatex Oil Co., Inc	Columbia Gas Transmission, LLC	Storage Lease 48144	915 / 402

**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources
- WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator:
By: Its:

James E. Amos **Received**
 Columbia Gas Transmission, LLC
 James E. Amos, Senior Engineer JUN 12 2013

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name Columbia Gas Transmission, LLC OP Code 307032

Watershed Falling Rock Creek Quadrangle Blue Creek

Elevation 1147 County Kanawha District Big Sandy

Description of anticipated Pit Waste: no earthen pit to be utilized (all recovered fluids to be captured in tanks)

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes _____ No X

Will a synthetic liner be used in the pit? NA - no pit. If so, what mil.? 14 4-30-13

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection (UIC Permit Number 34-167-2-9395 (WVOG); 34-167-2-3862 (HWR-Nichols well))
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain additional UIC wells: 34-121-2-3995 (Hunter-Warren well); 34-121-2-4086 (Hunter-Travis well))

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. no drilling planned - kill and frac fluids are water based

-If oil based, what type? Synthetic, petroleum, etc.

Additives to be used? polymer viscosifier, guar, NaCl, KCl, starch, biocide, corrosion inhibitor, pH control

Will closed loop system be used? yes

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A - no drilling planned

-If left in pit and plan to solidify what medium will be used? Cement, lime, sawdust

-Landfill or offsite name/permit number? _____

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

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 thereto 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 or imprisonment.

Company Official Signature James E. Amos

Company Official (Typed Name) James E. Amos

Company Official Title Senior Engineer

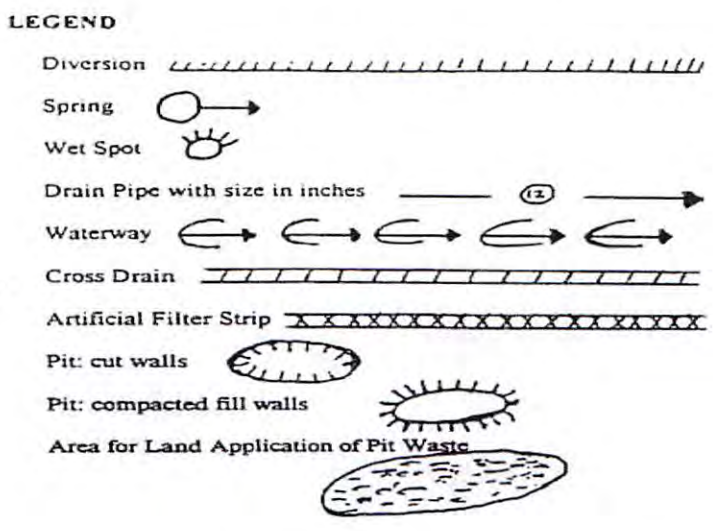
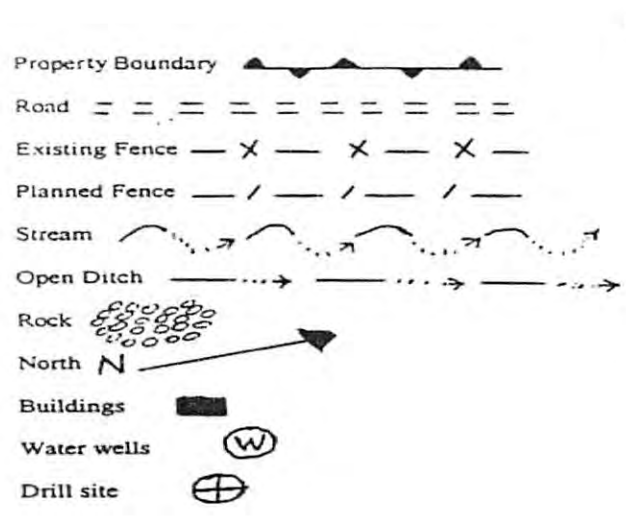
Office of Oil and Gas
MAY 15 2013
WV Department of Environmental Protection

Subscribed and sworn before me this 23rd day of April, 2013

Mary Marie Cleadenin Notary Public

My commission expires 3/22/2015





Proposed Revegetation Treatment: Acres Disturbed < 1 acre Prevegetation pH 6

Lime 2 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20 or equivalent) 500 lbs/acre (500 lbs minimum)

Mulch 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre	Seed Type	Area II	lbs/acre
Orchard Grass		20	Orchard Grass		20
Ledino Clover		10	Ledino Clover		10
Annual Rye		20	Annual Rye		20

Attach: Drawing(s) of road, location, pit and proposed area for land application.

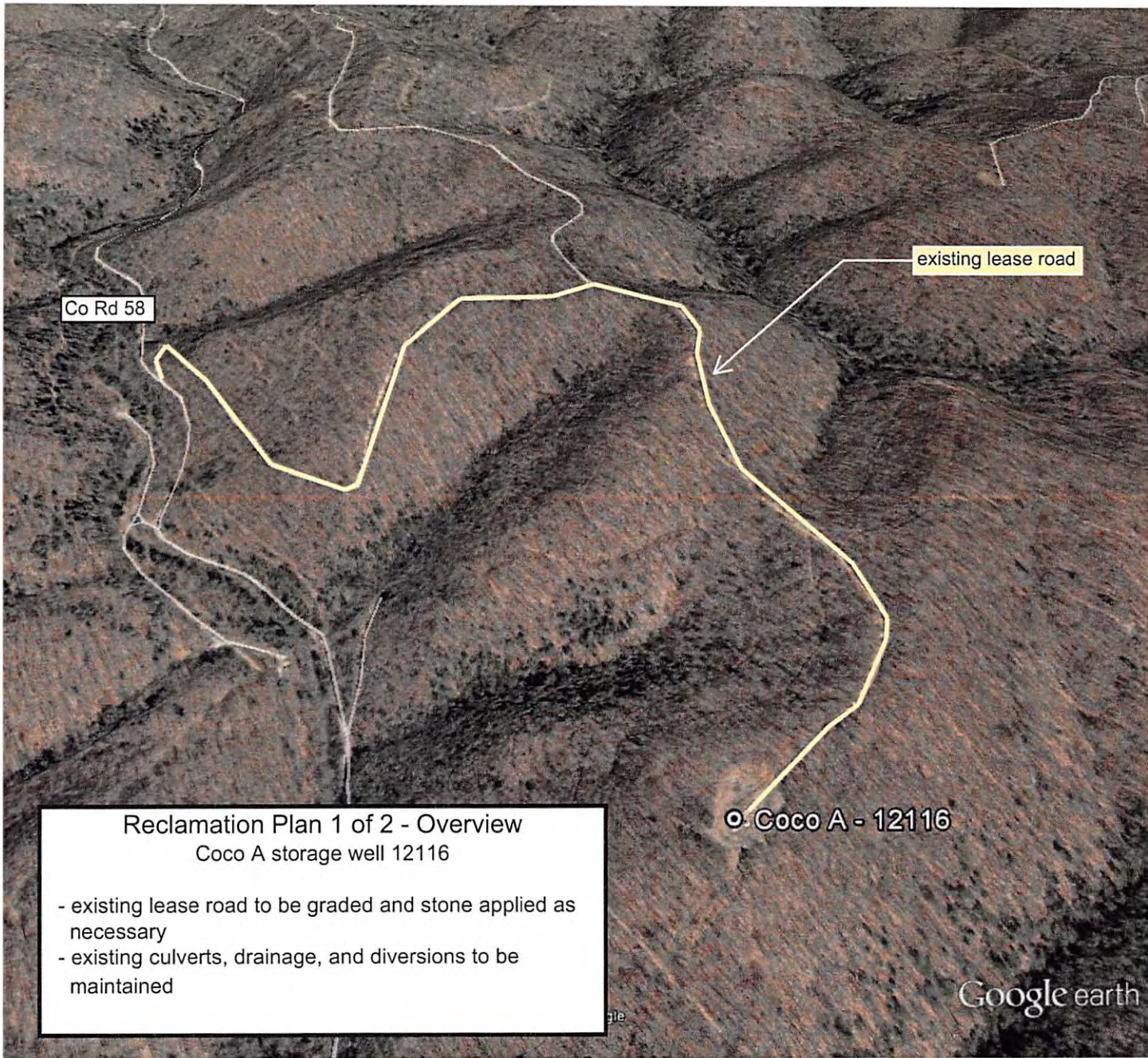
Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: [Signature]
Comments: _____

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WV Department of Environmental Protection

Title: Inspector Dulevas Date: 4-30-13

Field Reviewed? Yes No



Google earth



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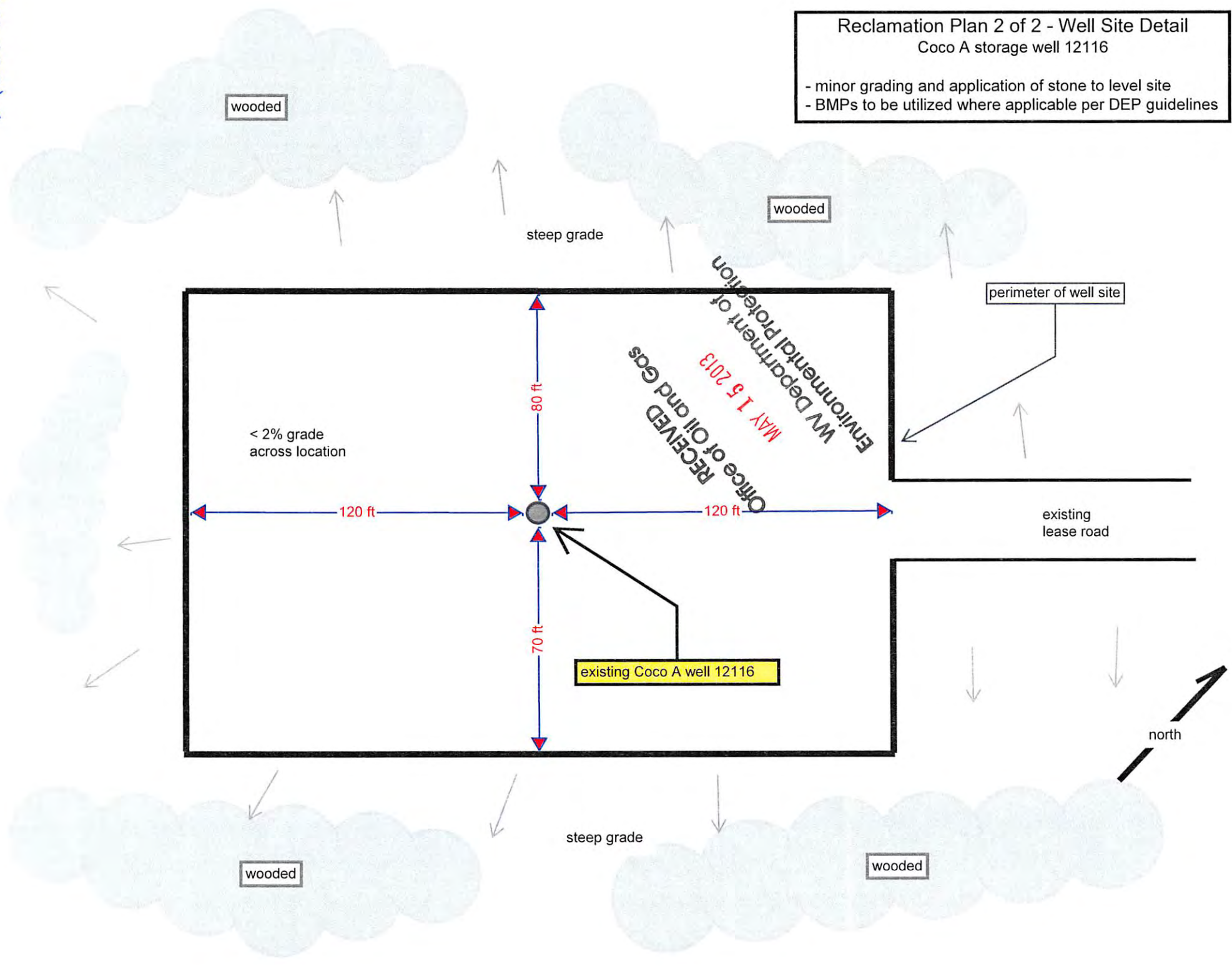
MAY 15 2013

WV Department of
Environmental Protection

3903348R

Reclamation Plan 2 of 2 - Well Site Detail
 Coco A storage well 12116

- minor grading and application of stone to level site
- BMPs to be utilized where applicable per DEP guidelines



wooded

wooded

steep grade

< 2% grade across location

120 ft

80 ft

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WV Department of Environmental Protection

120 ft

perimeter of well site

existing lease road

existing Coco A well 12116

70 ft

wooded

steep grade

wooded

north

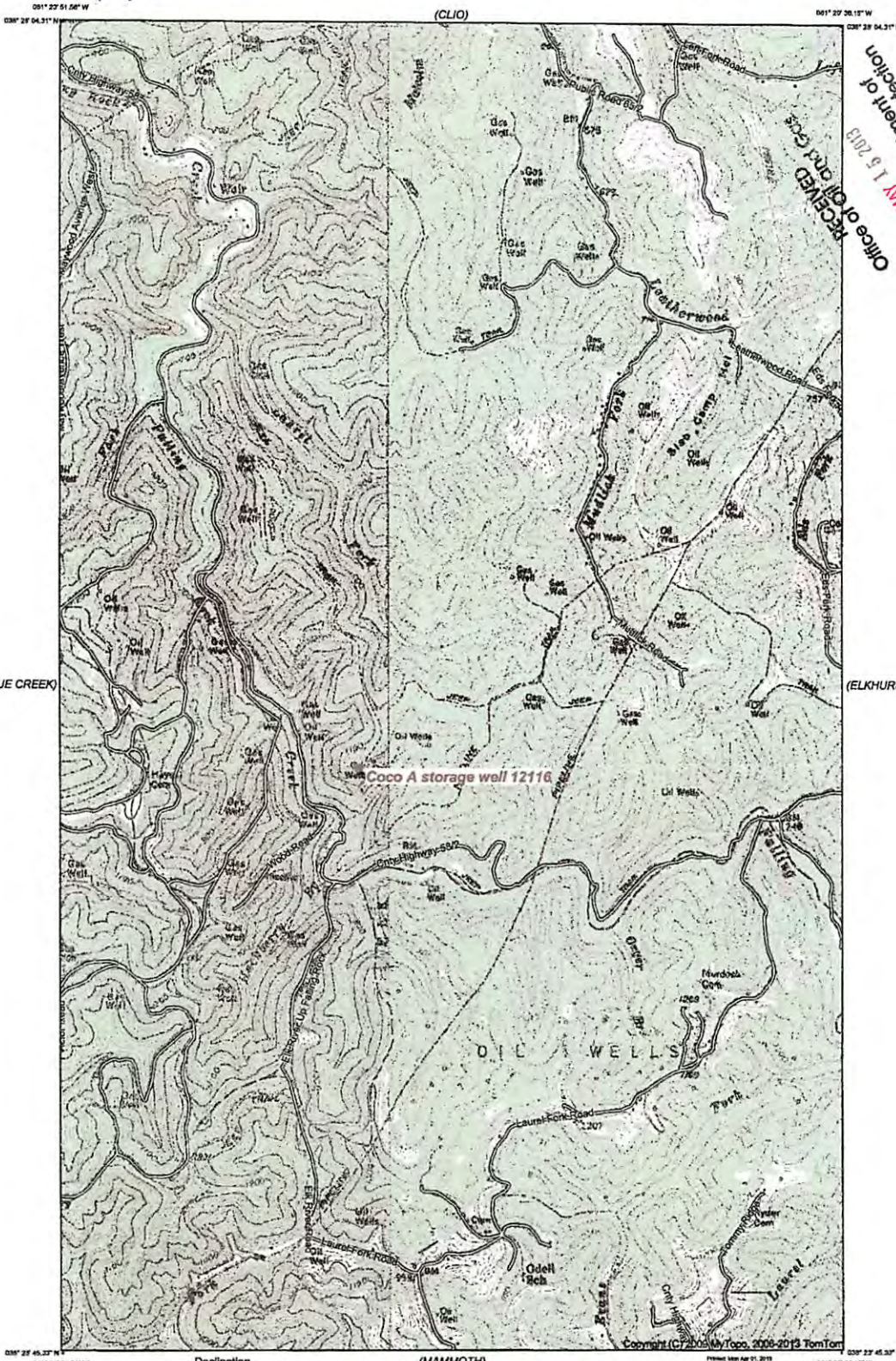
3903348R

(KETTLE)



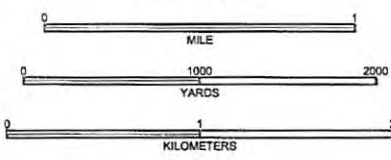
CLENDENIN QUADRANGLE
WEST VIRGINIA
TOPOGRAPHIC SERIES

(NEWTON)



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MAY 15 2013
WV Department of Environmental Protection

(MAMMOTH)
SCALE 1:24000



Produced by MyTopo Terrain Navigator
Topography based on USGS 1:24,000 Maps
North American: 1983 Datum (NAD83)
Polyconic Projection
To place on the predicted North American 1927 move the
projection lines 11M N and 14M E



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM 1929

CLENDENIN, WV
1957

(BENTREE)

06/21/2013

LATITUDE 38°27'30"

560'

LONGITUDE 81°22'30"

11,120'

HEARTWOOD FORESTLAND FUND VII
DEED BOOK 2838 PAGE 892
TAX MAP 24 PARCEL 105

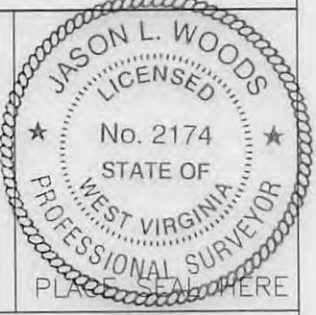


(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS REVISED 6/5/13

FILE No. 13-100-011
 DRAWING No. 13-100-011
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:200
 PROVEN SOURCE OF ELEVATION TRIMBLE PRO XH
GPS UNIT

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 DIVISION OF ENVIRONMENTAL PROTECTION.

(SIGNED) [Signature] 6-6-13
 JASON L. WOODS PS #2174



STATE OF WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 NITRO, WV

DATE MARCH 25 20 13
 OPERATOR'S WELL No. 12116
 API WELL No. 47 039 -03348 R

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

LOCATION: ELEVATION 1147 WATER SHED FALLING ROCK CREEK
 DISTRICT BIG SANDY COUNTY KANAWHA
 QUADRANGLE BLUE CREEK

SURFACE OWNER HEARTWOOD FORESTLAND FUND VII ACREAGE 3240
 OIL & GAS ROYALTY OWNER SEALTEX OIL COMPANY, INC. LEASE ACREAGE 3240
 LEASE No. 48144

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

PLUG AND ABANDON CLEAN OUT AND REPLUG
 TARGET FORMATION ORISKANY ESTIMATED DEPTH 5630
 WELL OPERATOR COLUMBIA GAS TRANSMISSION, LLC DESIGNATED AGENT PAUL AMICK
 ADDRESS PO BOX 1273, CHARLESTON, WV ADDRESS P.O. BOX 1273, CHARLESTON W.V.
25325-1273 25325-1273

06/21/2013

FORM IV-6 (8-78)

McLaughlin, Jeffrey W

From: jamos@nisource.com
Sent: Thursday, May 23, 2013 8:37 AM
To: McLaughlin, Jeffrey W
Subject: Coco A 12116 Permit Application: NEW SURFACE OWNER
Attachments: Coco A 12116 - Well Rework.pdf

Jeff, attached is the signed Surface Owner Waiver for the recently submitted permit application for our Coco A 12116 well (permit 039-03348).

Note that the surface owner has changed (see email communication trail below). The new surface owner is:

Greg Wilhelm
Heartwood Forestland Fund VII, L.P.
3001 Emerson Ave.
Parkersburg, WV 26104
304-424-3834

Jim Amos
Senior Storage Engineer
Columbia Gas Transmission, LLC
48 Columbia Gas Road
Sandyville, WV 25275
office: 304.373.2412
mobile: 304.483.0073

----- Forwarded by Jim Amos/TCO/Enterprise on 05/23/2013 08:29 AM -----

From: John Pfost/TCO/Enterprise
To: Jim Amos/TCO/Enterprise@NiSource
Date: 05/22/2013 03:32 PM
Subject:Fw: Coco A 12116 Well Permit

FYI

John R. Pfost
Land Agent II
Asset Management
Route 2 Box 13B
Sandyville, WV 25275
Office Phone 304-373-2417
Cell Phone 304-531-3159

Fax 304-373-2427

----- Forwarded by John Pfost/TCO/Enterprise on 05/22/2013 03:31 PM -----

From: greg forestlandgroup.com <greg@forestlandgroup.com>

To: "jpfost@nisource.com" <jpfost@nisource.com>

Cc: Bob Butcher <bob@landmarkforestryllc.com>

Date: 05/22/2013 01:11 PM

Subject: Coco A 12116 Well Permit

John,

I received today the above mention well permit via National Timber Partners who no longer own this tract. Heartwood Forestland Fund VII, L.P. now owns this property the well is sitting on. Please direct all future correspondences to me at the below address.

I have attached the signed Surface Owner Waiver since the well site is already in existence.

Thanks

Greg

Greg Wilhelm
The Forestland Group, LLC
3001 Emerson Ave.
Parkersburg, WV 26104
304-424-3834

(See attached file: Coco A 12116 - Well Rework.pdf)

3903348



48 Columbia Gas Road
Sandyville, WV 25275

Office: 304.373.2412
Mobile: 304.483.0073
Fax: 304.373.2438
jamos@nisource.com

June 10, 2013

Jeff McLaughlin
WV DEP - Office of Oil & Gas
601 57th Street, SE
Charleston, WV 25304-2345

Jeff,

Enclosed is a revised WW-2A, and a signed WW-2A1, to be included in the permit application for permit 039-03348 (Coco A storage well 12116).

If you have questions or need additional information, feel free to call.

Regards,

A handwritten signature in black ink that reads "Jim Amos".

Jim Amos
Senior Storage Engineer
Columbia Gas Transmission, LLC

Received

JUN 12 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

06/21/2013

3903348R

(KETTLE)



CLENDENIN QUADRANGLE
WEST VIRGINIA
TOPOGRAPHIC SERIES

(NEWTON)

081° 23' 51.56" W

(CLIO)

081° 20' 36.15" W

038° 28' 04.31" N

038° 28' 04.31" N

RECEIVED
Office of Oil and Gas
WV Department of Environmental Protection
MAY 15 2013



(BLUE CREEK)

(ELKHURST)

Coco A storage well 12116

OIL WELLS

06/21/2013

038° 23' 45.33" N
081° 23' 51.56" W

038° 23' 45.33" N
081° 20' 36.15" W

(QUICK)

Produced by MyTopo Terrain Navigator
Topography based on USGS 1:24,000 Maps

North American 1983 Datum (NAD83)
Polyconic Projection

To place on the predicted North American 1927 move the
projection lines 11M N and 14M E

Declination



GN 0.23° W
MN 7.80° W

(MAMMOTH)
SCALE 1:24000



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM 1929

CLENDENIN, WV
1957

(BENTREE)

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