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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

December 08, 2014

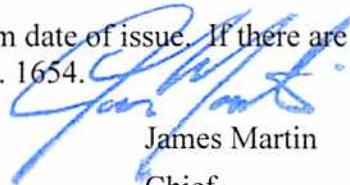
**WELL WORK PLUGGING PERMIT**

**Plugging**

This permit, API Well Number: 47-4103506, issued to CNX GAS COMPANY 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.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin  
Chief

Operator's Well No: ROHR 4, 10153  
Farm Name: DEAN, MARY E.  
**API Well Number: 47-4103506**  
**Permit Type: Plugging**  
Date Issued: 12/08/2014

**Promoting a healthy environment.**

## PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

### CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.
4. This well is under a consent order and must be plugged under the terms of that agreement.

4103506P

WW-4B  
Rev. 2/01

1) Date 10/22, 2014  
2) Operator's  
Well No. 10153  
3) API Well No. 47-041 - 03506

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil \_\_\_/ Gas X/ Liquid injection \_\_\_/ Waste disposal \_\_\_/  
(If "Gas, Production X or Underground storage \_\_\_) Deep \_\_\_/ ShallowX

5) Location: Elevation 1289.30' Watershed Buckhannon Run  
District Hackers Creek County Lewis Quadrangle Berlin

6) Well Operator CNX Gas Company LLC 7) Designated Agent Matt Imrich  
Address P.O. Box 1248 Address P.O. Box 1248  
Jane Lew, WV Jane Lew, WV

8) Oil and Gas Inspector to be notified 9) Plugging Contractor  
Name Barry Stollings Name See Attached  
Address 28 Conifer Drive Address \_\_\_\_\_  
Bridgeport, WV 26330

10) Work Order: The work order for the manner of plugging this well is as follows:  
**See attached work order**

Received  
Office of Oil & Gas  
OCT 27 2014

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector Barry Stollings Date 10-21-14

# Plugging Work Order for Permit 47-041-03506 P

## CNX Gas - Well 10153

1. Verify 8-5/8" TD (<sup>1204'</sup>~2067<sup>≈2067'</sup>). TIH w 2-3/8" EUE to TD. Establish circulation.
2. Pump cement plug from TD to 1700' (gas & water shows). 6% gel to 1339'.
3. Pull 2-3/8" EUE to 1339'.
4. Pump cement plug from 1339' to 1021' (elevation, hole change, water shows).
5. Spot 6% gel to 200'.
6. Pull 2-3/8" EUE to 200'.
7. Pump cement plug 200' to surface.
8. TOH with 2-3/8" EUE, and top off cement to surface.
9. Install 6" x 14' monument (10' below grade) API 47-041-03506

PULL 1 3/4" CONDUCTOR IF POSSIBLE.

Work Order approved by Inspector Barry S. [Signature] Date: 10-21-14

Note: All cement will be Class A. All spacers between plugs will be 6% gel.

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Attachment – Form WW-4B:

**Potential Plugging Contractors:**

Waco Oil & Gas  
P.O. Box 397  
Glennville, WV 26351

Viking Well Service  
8113 Sissonville Drive  
Sissonville, WV 25320

Stalnaker Energy  
220 West Main Street  
Glennville, WV 26351

Contractor Services Inc.  
929 Charleston Road  
Spencer, WV 25276

Coastal Drilling  
130 Meadow Ridge Rd, STE 24  
Mount Morris, PA 15349

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**Office of Oil & Gas**  
**OCT 27 2014**

41 03506P



IV-35  
(Rev 8-81)

Date November 29, 1984  
Operator's  
Well No. Rohr #4 Well  
Farm \_\_\_\_\_  
API No. 47 - 041 - 3506

State of West Virginia  
Department of Mines  
Oil and Gas Division

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil \_\_\_ / Gas XX / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production XX / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow \_\_\_)

LOCATION: Elevation: 1317.1' Watershed Buckhannon Run  
District: Hackers Creek County Lewis Quadrangle Berlin 7.5'

COMPANY Chesterfield Energy Corporation  
ADDRESS 300 Professional Building, Clarksburg, WV 26301  
DESIGNATED AGENT Stanley N. Pickers, President  
ADDRESS 300 Professional Building, Clarksburg, WV 26301  
SURFACE OWNER Marvin D. & Marie N. Blake  
ADDRESS Rt. #1, Box 129, Buckhannon, WV 26201  
MINERAL RIGHTS OWNER Glenn H. Rohr, et al  
ADDRESS 1 College Avenue, Buckhannon, WV 26201  
OIL AND GAS INSPECTOR FOR THIS WORK Stephen Casey ADDRESS Rt. 2, Box 232D, Jane Lew, WV  
PERMIT ISSUED August 27, 1984  
DRILLING COMMENCED November 24, 1984  
DRILLING COMPLETED November 27, 1984  
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

Casing Tubing	Used in Drilling	Left in Well	Corent fill up Cu. ft.
Size 20-16 Corb.			
<del>11 3/4</del>	40.24'	40'	
9 5/8			
8 5/8	1204.05'	1204.05'	260 sks
7			
5 1/2			
4 1/2			
3			
2			
Liners used			

RECEIVED  
Office of Oil & Gas  
Permitting  
SEP 18 2002  
WV Department of  
Environmental Protection

GEOLOGICAL TARGET FORMATION NATURAL GANTZ Depth \_\_\_\_\_ feet  
Depth of completed well 2067' feet Rotary XX / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 40', 1071' feet; Salt 1752' feet  
Coal seam depths: None Is coal being mined in the area? \_\_\_\_\_

OPEN FLOW DATA  
Producing formation Natural Gantz Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow 3186 Mcf/d Oil: Initial open flow \_\_\_\_\_ Ebl/d  
Final open flow 2.19 Mcf/d Final open flow \_\_\_\_\_ Ebl/d  
Time of open flow between initial and final tests 4 hours  
Static rock pressure 1100 psig (surface measurement) after 12 hours shut in.  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Ebl/d  
Final open flow \_\_\_\_\_ Mcf/d Oil: Final open flow \_\_\_\_\_ Ebl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

(Continue on reverse side)

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OCT 27 2014

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Producing Naturally

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fr and salt water, coal, oil and
Fill			0	55	1/2" stream water @ 40'
Sand			55	122	
Sand & Shale			122	260	
Red Rock			260	356	1" stream water @ 1071'
Shale			356	449	
Red Rock			449	701	
Sand & Shale			701	1490	
Red Rock			1490	1521	1" stream salt water & oil @
Sand & Shale			1521	1720	1752'
Big Lime			1720	1805	Gas Ck @ 1583' No Show
Big Injun			1805	1900	Gas Ck @ 1741' No Show
Shale			1900	2010	Gas Ck @ 1771' 6/10-1/2" w/w
Gantz			2010	2026	Gas Ck @ 1898' 6/10-1/2" w/w
Sand & Shale			2026	2067	Gas Ck @ 2024' 80/10-2" w/w
TD			2067		Gas Ck @ 2055' 74/10-7" w/w Gas Ck @ Collars 50/10-7" w/w

(Attach separate sheets as necessary)

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OCT 27 2014

Chesterfield Energy Corporation  
Well Operator

By:

*Stanley N. Pickens*

Date:

December 3, 1984

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic  
detailed geological record of all formations, including  
all, encountered in the drilling of a well."

4103506P

WW-4A  
Revised 6-07

1) Date: 10/22/2014  
2) Operator's Well Number  
10153

3) API Well No.: 47 - 041 - 03506

**STATE OF WEST VIRGINIA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**  
**NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL**

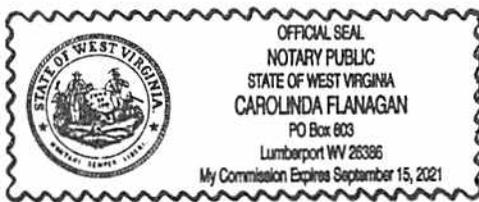
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Lisle C. &amp; Judy M. Leighton</u> ✓	Name <u>None of Declaration</u>
Address <u>137 Frog Run Road</u>	Address _____
<u>Buckhannon, WV 26201</u> ✓	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Shomo Family Trust</u> ✓
_____	Address <u>8212 Brentview Ct.</u>
_____	<u>Brentwood, TN 37027</u> ✓
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Barry Stollings</u>	(c) Coal Lessee with Declaration
Address <u>28 Conifer Drive</u>	Name <u>None of Declaration</u>
<u>Bridgeport, WV</u>	Address _____
Telephone <u>304-552-4194</u>	_____

**TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:**

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.



Well Operator CNX Gas Company LLC  
 By: Matt Imrich *Kelly Eddy*  
 Title: Designated Agent - District Operations Superintendent, WV Gas Operations  
 Address P.O. Box 1248  
Jane Lew, WV 26378  
 Telephone 304-884-2131 - Kelly Eddy, Permitting Supervisor

Subscribed and sworn before me this 22<sup>ND</sup> day of OCT. 2014  
*Carolinda Flanagan*  
 My Commission Expires 9/15/2021 Notary Public

**Received**  
**Office of Oil & Gas**  
**OCT 27 2014**

**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](mailto:depprivacyofficer@wv.gov).

4103506P

**SURFACE OWNER WAIVER**

Operator's Well  
Number

10153

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (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:**

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

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Office of Oil & Gas

OCT 27 2014

**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 **FIVE (5) 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.

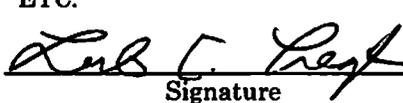
**VOLUNTARY STATEMENT OF NO OBJECTION**

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 Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

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  
ETC.

FOR EXECUTION BY A CORPORATION,

  
Signature

Date 8/17/14

Name  
By  
Its

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ Date

Signature

Date

API No. 47-041-03506 P  
Farm Name \_\_\_\_\_  
Well No. 10153

**INSTRUCTIONS TO COAL OPERATORS  
OWNERS AND LESSEE**

The well operator named on the obverse side of WW-4 (B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the day on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas.

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on obverse side of this application.

NOTE: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner, or Lessee for plugging" prior to the issuance of this plugging permit.

**WAIVER**

The undersigned coal operator \_\_\_\_\_ / owner  / lessee \_\_\_\_\_ / of the coal under this well location has examined this proposed plugging work order. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: 8-12-2014

By: The Shomo Family Trust, John R. Shomo, Trustee  
Its John R. Shomo  
Trustee

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Office of Oil & Gas  
OCT 27 2014

4103506 P

7013 1090 0001 6080 0314

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Postage	\$ 1.82
Certified Fee	330
Return Receipt Fee (Endorsement Required)	270
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 782</b>

**JANE LEW WV 26378**  
**AUG 27 2014**  
 Postmark Here  
**UNITED STATES POSTAL SERVICE**

**Lisle C. & Judy M. Leighton**  
 Sent To 137 Frog Run Road  
 Buckhannon, WV - 26201  
 Street, Apt. No., or PO Box No. P&A Well #10153  
 City, State, ZIP+4 Surface Owner

PS Form 3800, August 2006 See Reverse for Instructions

7013 1090 0001 6080 0307

**U.S. Postal Service™**  
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For delivery information visit our website at [www.usps.com](http://www.usps.com)

**OFFICIAL USE**

Postage	\$ 1.82
Certified Fee	330
Return Receipt Fee (Endorsement Required)	270
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 7.82</b>

**JANE LEW WV 26378**  
**AUG 27 2014**  
 Postmark Here  
**UNITED STATES POSTAL SERVICE**

**Shomo Family Trust**  
 Sent To 8212 Brentview Ct.  
 Brentwood, TN - 37027  
 Street, Apt. No., or PO Box No. P&A Well #10153  
 City, State, ZIP+4 Coal Owner

PS Form 3800, August 2006 See Reverse for Instructions

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Office of Oil & Gas  
OCT 27 2014

4103506P

WW-9  
Rev. 5/08

Page 1 of 2  
API Number 47 - 041 - 03506  
Operator's Well No. 10153

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 CNX Gas Company LLC OP Code 494458046

Watershed Buckhannon Run Quadrangle Berlin

Elevation 1289.30' County Lewis District Hackers Creek

Description of anticipated Pit Waste: Fluids associated with the plugging of existing gas wells

Will a synthetic liner be used in the pit? N/A. ANY PTT MUST BE LINED W/ 20 MIL. PIT LINER.

Proposed Disposal Method For Treated Pit Wastes:

- Land Application
- Underground Injection ( UIC Permit Number \_\_\_\_\_ )
- Reuse (at API Number \_\_\_\_\_ )
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Waste Management or Ryan Environmental use vacuum trucks, and properly disposes fluid and waste returns)

Proposed Work For Which Pit Will Be Used:

- Drilling
- Swabbing
- Workover
- Plugging
- Other (Explain \_\_\_\_\_)

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Office of Oil & Gas  
OCT 27 2014

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 Kelly Eddy

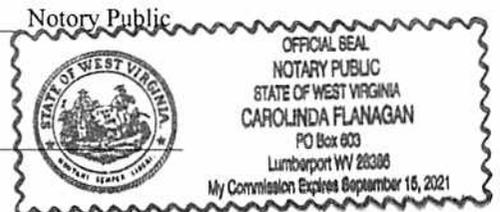
Company Official (Typed Name) Matt Imrich

Company Official Title Designated Agent - District Operations Superintendent, WV Gas Operations

Subscribed and sworn before me this 22<sup>ND</sup> day of OCTOBER, 2014

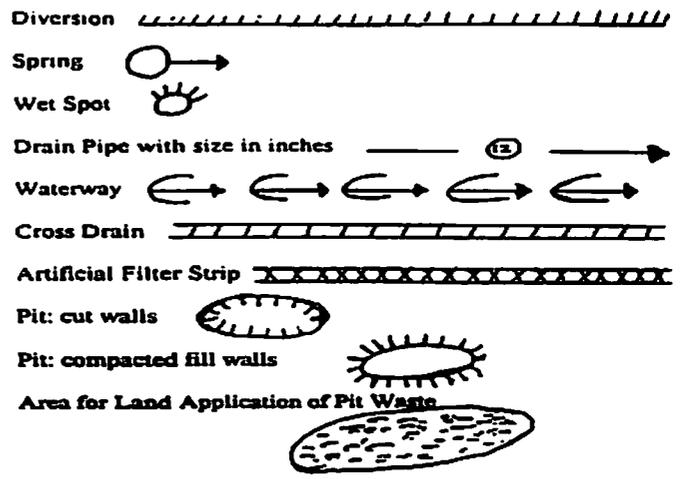
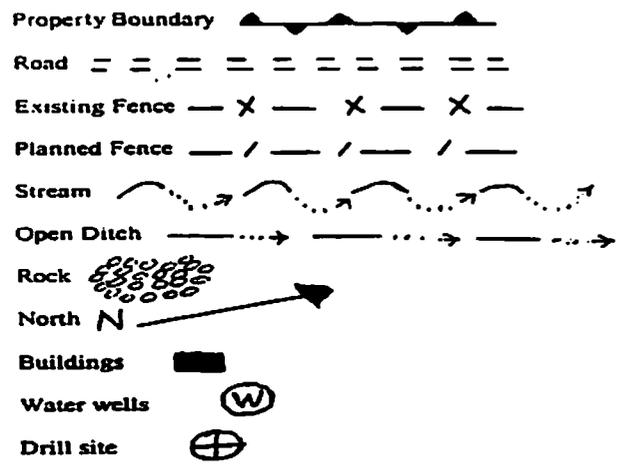
Carolina

My commission expires 9/15/2021



4103506P

LEGEND



Proposed Revegetation Treatment: Acres Disturbed 1.25 acres Prevegetation pH 6.5

Lime according to pH test Tons/acre or to correct to pH 7.0

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

Mulch hay or straw @ 2 Tons/acre

Seed Mixtures

Seed Type	Area I	lbs/acre
Orchard Grass		25
Birdsfoot Trefoil		15
Ladino Clover		10

Seed Type	Area II	lbs/acre
Orchard Grass		25
Birdsfoot Trefoil		15
Ladino Clover		10

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

Photocopied section of involved 7.5' topographic sheet.

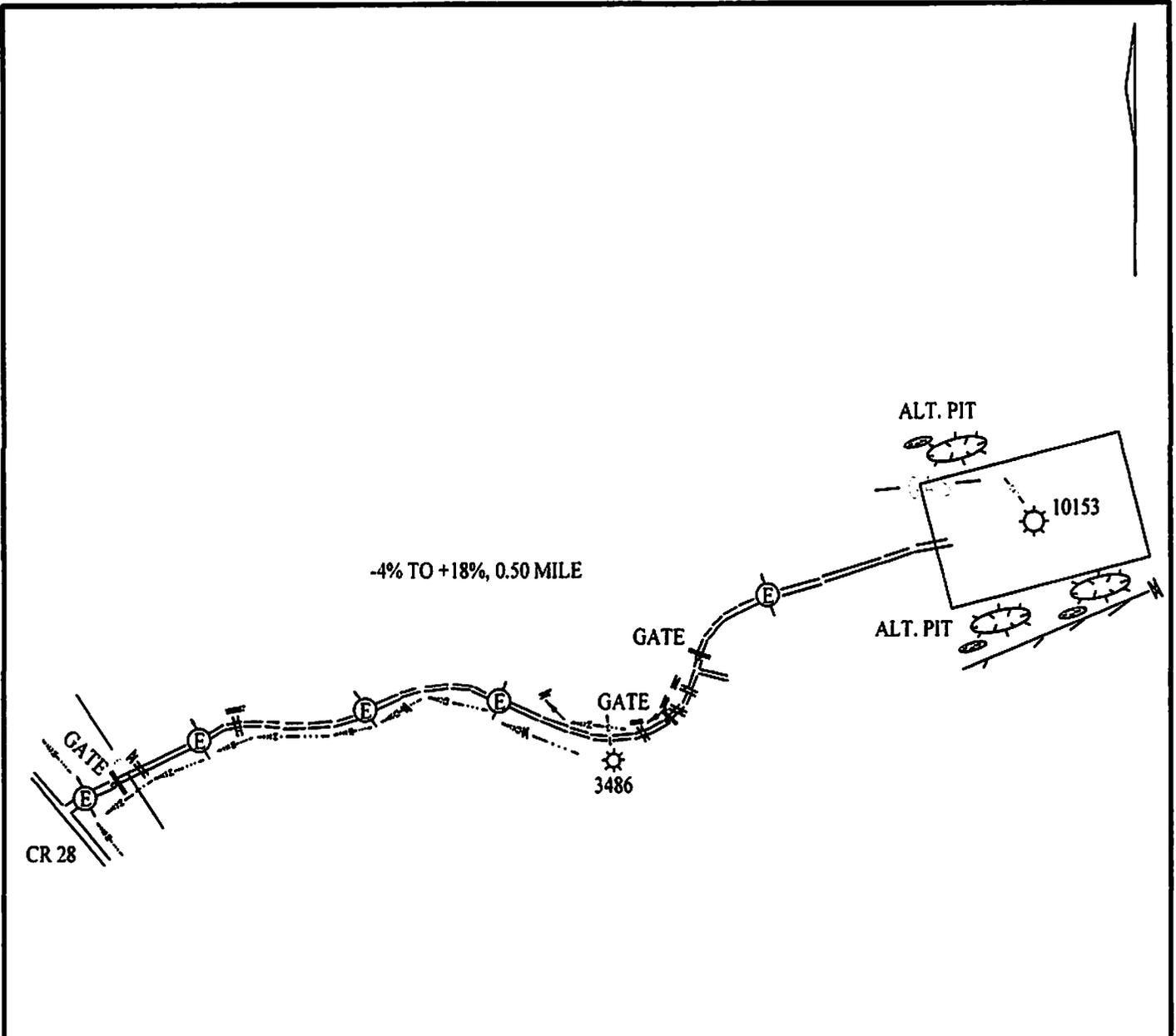
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Office of Oil & Gas  
OCT 27 2014

Plan Approved by: Barry Stallop

Comments: \_\_\_\_\_

Title: inspector Date: 10-21-14

Field Reviewed?  Yes  No



THIS PLAN IS FOR THE PLUGGING OF AN EXISTING WELL. ENTIRE LENGTH OF ACCESS IS EXISTING WELL ROAD. ROCK WILL BE USED WHERE NECESSARY.

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Office of Oil & Gas  
OCT 27 2014

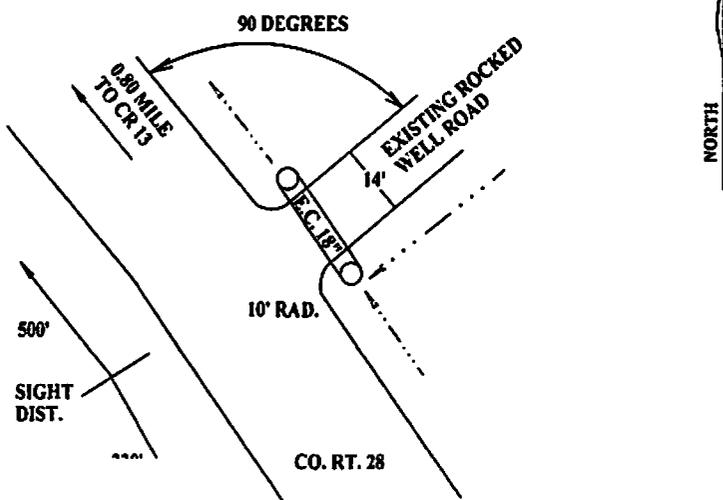
LAND SURVEYING SERVICES  
21 CEDAR LANE  
BRIDGEPORT, WV 26330  
PHONE: 304-842-2018 OR 5762

*B.S. 10-21-14*

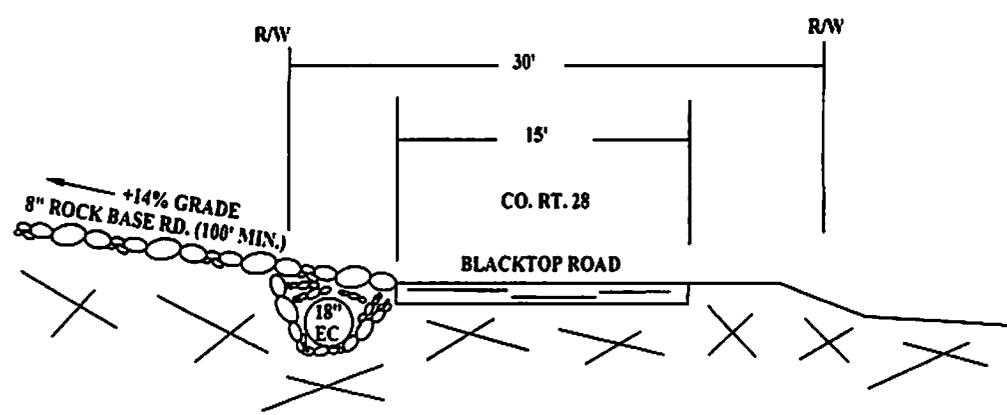
DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY LLC	
P. O. BOX 1248	
JANE LEW, WV 26378	
WATERSHED:	BUCKHANNON RUN
DISTRICT: HACKERS CK.	COUNTY: LEWIS
QUADRANGLE: BERLIN	WELL NO.: 10153
DATE: 07/28/14	PAGE ___ of ___

PLAN VIEW NOT TO SCALE.

NAD 83 LAT./LONG.  
OF ROAD ENTRY:  
N. 39.04538  
W. 80.33108



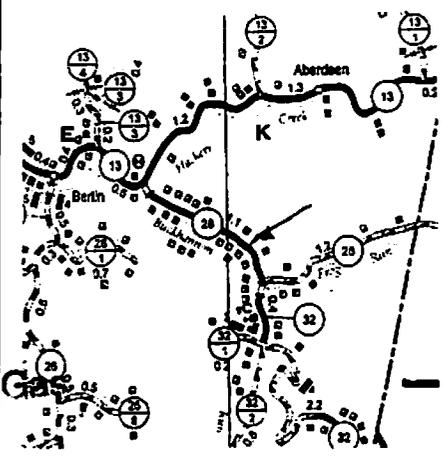
Site is located within the limits of a posted 25 mph advisory speed area, therefore the sight distance is acceptable.



SECTION NOT TO SCALE.

Swale to Drain  
See Attached Typical

ALL WORK WILL CONFORM TO  
WV DOH RULES AND REGULATIONS.

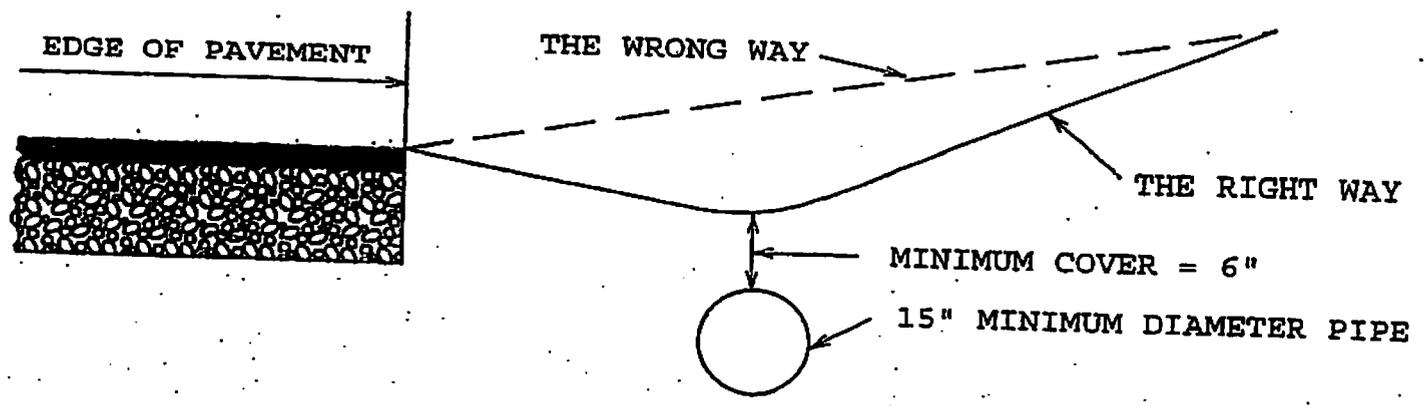


Received  
Office of Oil & Gas  
OCT 27 2014

Prepared by:  
LAND SURVEYING SERVICES  
21 CEDAR LANE  
BRIDGEPORT, WV 26330  
PHONE: 304-842-2018

CNX GAS COMPANY LLC P. O. BOX 1248 JANE LEW, WV 26378		
PLAT SHOWING EXISTING ACCESS ROAD ENTRY ONTO COUNTY ROUTE 28		
DISTRICT HACKERS CREEK	COUNTY LEWIS	STATE WV
DATE 09/11/14	SCALE N/A	DWG. NO. 10153

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PIPE INSTALLATION FOR SIDE ROAD  
APPROACH WITH STEEP GRADE

FIGURE 17

4103506P

4103506P

## LAND SURVEYING SERVICES

Stephen D. Losh, PS J. Michael Evans, PS 21 Cedar Lane Bridgeport, WV 26330  
Phone & Fax (304) 842-2018 or 842-5762 [sdlosh@frontier.com](mailto:sdlosh@frontier.com)

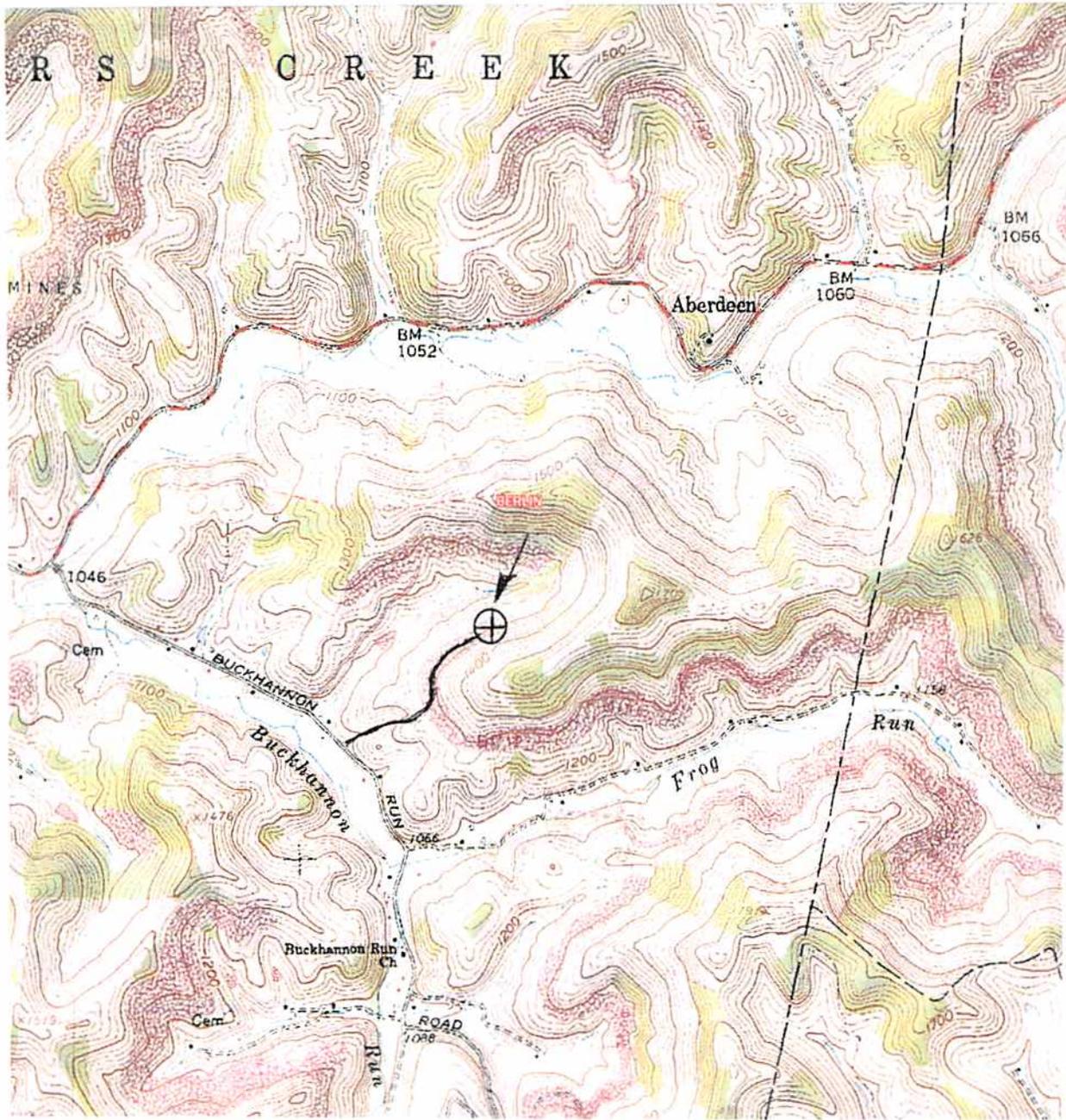
July 28, 2014

### DRIVING DIRECTIONS FOR 10153

Traveling east on County Route 13 between Berlin and Hodgesville, turn right on County Route 28 (Buckhannon Run Road). Go 0.80 of a mile and turn left on the well road.

Nearest Fire Station: Weston or Jane Lew

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B.S. 10-21-14

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LAND SURVEYING SERVICES  
21 CEDAR LANE  
BRIDGEPORT, WV 26330  
PHONE: 304-842-2018 OR 5762

DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY LLC	
P. O. BOX 1248	
JANE LEW, WV 26378	
WATERSHED:	BUCKHANNON RUN
DISTRICT:	HACKERS CK.
COUNTY:	LEWIS
QUADRANGLE:	BERLIN
WELL NO.:	10153
DATE:	07/28/14
PAGE	of

4103506P

WW-7  
5-02



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
WELL LOCATION FORM: GPS

API: 47-041-03506 WELL NO.: 10153

FARM NAME: G. H. ROHR, ET. AL.

RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC

COUNTY: LEWIS DISTRICT: HACKERS CREEK 4

QUADRANGLE: BERLIN 7.5 MIN. 245

SURFACE OWNER: LISLE LEIGHTON

ROYALTY OWNER: GLENN H. ROHR, ET. AL.

UTM GPS NORTHING: 4,322,478.21 METERS

UTM GPS EASTING: 558,424.67 METERS GPS ELEVATION: 392.98 METERS (1082 FT)

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 Coordinate Units: meters Altitude: Height above mean sea level (MSL) - meters
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method: Survey Grade GPS  : Post Processed Differential  Real-Time Differential   
Mapping Grade GPS  : Post Processed Differential  Real-Time Differential

I the undersigned hereby state this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulation issued and prescribed by the Office of Oil and Gas.

Signature   
Stephen D. Losh, PS #674

Title WV Professional Surveyor #674

Date 07/28/14

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CNX USE: NAD 27 WV NORTH SPC: 10153 = 201,153.45' 1,765,688.75' ELEV. = 1289.30'

**NOTES: LATITUDE, LONGITUDE, WELL AND CORNER TIES FROM DGPS SUB-METER SURVEY DATED 08/29/02.**

**LATITUDE 39-05-00**

**SCALED COOR.: 12,300' SOUTH 9,580' WEST**

**LONGITUDE 80-17-30**

**SURFACE, ADJOINER AND BOUNDARY INFORMATION FROM COURT HOUSE.**

**DEAN**

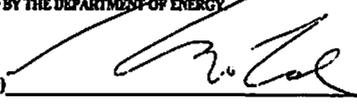
**NAD 27:**  
39-02-57.59  
80-19-30.04

**NAD 27 WV NORTH SPC:**  
10153 = 201,153.45'  
1,765,688.75'

**(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS**

**FILE NUMBER:** \_\_\_\_\_  
**DRAWING NUMBER:** DEP10153.PCS  
**SCALE:** 1" = 400'  
**MINIMUM DEGREE OF ACCURACY:** 1 IN 200  
**PROVEN SOURCE OF ELEVATION:** DGPS SURVEY 08/29/02  
**SUBMETER SYSTEM**

**I THE UNDERSIGNED, HEREBY STATE 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)**   
**STEPHEN D. LOSH, P.S. #674**

**STATE OF WEST VIRGINIA**  
**DIVISION OF ENVIRONMENTAL PROTECTION**  
**OFFICE OF OIL AND GAS**  
**510 HURLBORN ROAD**  
**NETO, WV 25140-3506**

**LAND SURVEYING SERVICES**  
**21 CEDAR LANE, BRIDGEPORT, WV 26330**  
**PHONE: 304-342-2018 OR 842-5762**

**DATE:** SEPTEMBER 03, 2002  
**OPERATORS WELL NO.:** 10153 (ROHR #4)  
**API WELL NO.** 47 - 041 - 03506 D  
**STATE COUNTY PERMIT**

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

**LOCATION:** ELEVATION 1289.30' WATERSHED BUCKHANNON RUN  
DISTRICT HACKERS CREEK COUNTY LEWIS  
QUADRANGLE BERLIN LEASE NUMBER \_\_\_\_\_

**SURFACE OWNER** MARY E. DEAN ACREAGE 29.96  
**OIL & GAS ROYALTY OWNER** G. H. ROHR, ET. AL. LEASE ACREAGE 65.00

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

**TARGET FORMATION** BENSON PLUG & ABANDON \_\_\_ CLEAN OUT & REPLUG \_\_\_  
ESTIMATED DEPTH 4800'

**WELL OPERATOR** DOMINION EXPLORATION & PRODUCTION, INC. DESIGNATED AGENT RODNEY BIGGS  
**ADDRESS** P. O. BOX 1248 JANE LEW, WV 26378 ADDRESS P. O. BOX 1248 JANE LEW, WV 26378

**RECEIVED**  
**Office of Oil & Gas**  
**OCT 27 2014**

4103506A



Carolinda Flanagan  
Permitting Analyst  
P.O. Box 1248  
Jane Lew, WV 26378  
(304) 884-2131



October 22, 2014

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

**RE: Well to be Plug and Abandoned: 10153**

To Whom it May Concern,

Enclosed, please find the following plugging permit for your review and consideration:

- 10153 – API #47-041-03506

Should you need any further information, please contact me at (304) 884-2057 or by email at [carolindaflanagan@consolenergy.com](mailto:carolindaflanagan@consolenergy.com). Thank you!

Sincerely,

  
Carolinda Flanagan

Received  
Office of Oil & Gas  
OCT 27 2014