



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

October 14, 2014

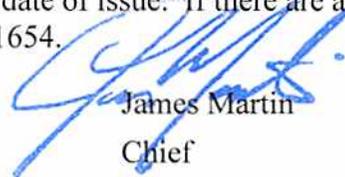
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-3300991, 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: 12066
Farm Name: POST, HIRAM
API Well Number: 47-3300991
Permit Type: Plugging
Date Issued: 10/14/2014

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

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.

3300991A

WW-4B
Rev. 2/01

1) Date 8/21, 2014
2) Operator's
Well No. 12066
3) API Well NO. 47-033 - 00991

CK 272002274
10000

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 ___ / Shallow X
- 5) Location: Elevation 1146.78' Watershed Sycamore Creek
District Union County Harrison Quadrangle Weston
- 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 Sam Ward Name See Attached
Address P.O. Box 2327 Address _____
Buckhannon, WV 26201

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

See attached work order

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

Work order approved by inspector [Signature]

RECEIVED
Office of Oil and Gas
AUG 26 2014
8/20/2014
WV Department of
Environmental Protection

3300991P

Plugging Work Order for Permit 47-033-00991

CNX Gas - Well 12066

1. Verify 4-1/2" casing TD. TIH w 2-3/8" EUE to TD. Establish circulation.
2. Pump cement plug from TD to 3200'. 6% Gel to 1800'.
3. TOH w 2-3/8" EUE. Wait on cement before pulling 4-1/2".
4. Free point, cut, and pull 4-1/2" casing above T.O.C. (est. 1800').
5. Attempt to pull 8-5/8" casing (451' cemented to surface).
6. ~~If unable to pull 8-5/8", perforate w/4 holes each @ 400', 200', and 100'.~~ *gum **
7. TIH w/ 2-3/8" EUE work string to 4-1/2" casing cut (~1800').
8. Pump 100' cement plug across 4-1/2" casing cut at (~1800').
9. Pull 2-3/8" EUE to 1245' and pump cement plug across elevation (1145'), to 1045'.
10. Pull 2-3/8" EUE up to 710'.
11. Pump cement plug from 710' to surface. (water 610').
12. TOH with 2-3/8" EUE, and top off cement to surface.
13. Install 6" x 14' monument (10' below grade) API 47-033-00991

Work Order approved by Inspector *S. DW...* Date: *8/20/2014*

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

PBTO ≈ 3510'

** NO NEED TO PERFORATE 8 5/8" CASING, AS IT IS CEMENTED TO SURFACE.*

RECEIVED
Office of Oil and Gas
AUG 26 2014
WV Department of
Environmental Protection

Attachment – Form WW-4B:

Potential Plugging Contractors:

Yost Drilling
313 Steel Hill Rd.
Mount Morris, PA 15349

Viking Well Service
8113 Sissonville Drive
Sissonville, WV 25320

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

Waco
P.O. Box 397
Glenville, WV 26351

RECEIVED
Office of Oil and Gas
AUG 26 2014
WV Department of
Environmental Protection

3300991P

12066
Divd
SAR-9

OG-10
Rev. - 9-71



RECEIVED

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES

Oil and Gas Division
WELL RECORD

Quadrangle WESTON
Permit No HAR-291

Rotary XX Oil _____
Cable _____ Gas _____
Recycling _____ Comb. _____
Water Flood _____ Storage _____
Disposal _____ (Kind) _____

Company Consolidated Gas Supply Corporation
Address Clarksburg, W. Va.
Farm Hiram Post Acres 270
Location (waters) Sycamore Creek
Well No. 12066 Elev. 1145'
District Union County Harrison
The surface of tract is owned in fee by Charles M. Sperry, Jr.
Address Salem, W. Va.
Mineral rights are owned by Flora G. Post, Agt.
Address Wolf Summit, W. Va.
Drilling Commenced 11-6-76
Drilling Completed 11-11-76
Initial open flow 103 M cu. ft. _____ bbls.
Final production 267 M cu. ft. per day _____ bbls.
Well open 4 hrs _____ hrs. before test 1625# RP.

Casing and Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft. (Sks.)
Size 20-16			
Cond. 2340 11"	43'	13'	To surface
9 5/8			
8 5/8	151'	151'	To surface
7			
5 1/2			
4 1/2	350'	350'	300 bags
3			
2			
Liners Used			

Well treatment details:

Attach copy of cementing record.

Well treated in Balltown with 975 bbl water, 60,000# sand and 500 gal 15% acid
Perforations: 3316-3361' with 23 holes

Coal was encountered at On strip Feet _____ Inches _____
Fresh water 10' Feet _____ Salt Water 610' Feet _____
Producing Sand Balltown Depth 3316-3361'

Formation	Color	Hard or Soft	Top Feet	Bottom Feet	Oil, Gas or Water	Remarks
Sand & Shale			0	1120	Water	
Little Lime			1120	1500	Water	Fresh
Big Injun			1500	1630		Silly
50' Sand			1986	2036		
Gordon			2120	2250		
14th Sand			2256	2339		
5th Sand			2393	2459		
Speechley			2975	3116		
Balltown			3228	3423	Gas	3316-3361' Balltown
Bradford			3778	3880		
Riley			4159	4361		
Benson			4428	4446'	No gas in Benson	
Total Depth drilled				4562'		
Cemented & gelled to				3510'	Present depth	
KBM 11' above G.L.						

RECEIVED
Office of Oil and Gas

AUG 26 2014

Consolidated Gas Supply Corporation
145 West Main Street
Clarksburg, W. Va.
WV Department of Environmental Protection

* Indicates Electric Log tops in the remarks section.

(over)

3300991A

LOCATION MAP AND TITLE REPORT

ACQUIRED BEFORE OCT. 8, 1969

to dis... Considered... Green... WELL NO. 12066

FORM 1022 4-68 NEW LOC. DRILL DEEPER REDRILL STORAGE ELEVATION 1185'

ARM NAME OR UNIT NAME: **Hiram Post** MAGISTERIAL DISTRICT: **Union** COUNTY: **Harrison** STATE: **WV** DATE: **9-24-75** SCALE: **1" = 660'**

QUADRANGLE: **Weston** MAP: **55** N S E W: **15 8** WATER: **Sycamore Creek** OTHER WELLS ON LEASE: **8156, 8157**

DIVISION: **IV** DISTRICT: **Salem** AREA: **B-396-76** SAND: **Benson** CLASSIFICATION: **C-4** OIL RIGHTS: **CONSOLIDATED**

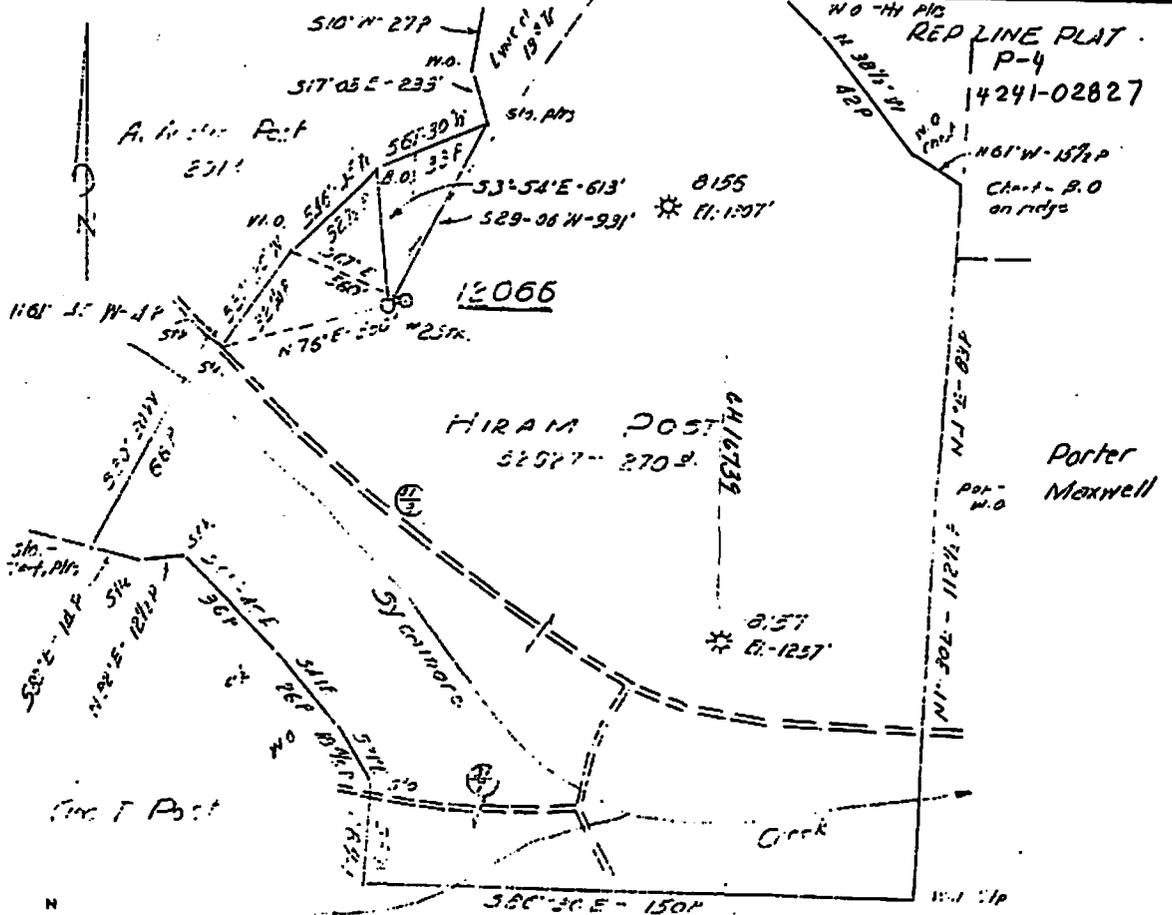
LEASE NO.	ACRES	LEASE DATE	LESSOR	LESSEE	RECORDED	BOOK	PAGE	EXPIRES
52927	270	1-2-0	A. B. Post	C.G.S.C.	7/12/11	131	453	EXPIRES

OPERATING RESTRICTIONS - RESERVATIONS - SPECIAL INSTRUCTIONS - LEASE OR UNIT EXPIRATION: **Drive N° 1 Stake S 67° E - 560 feet from W.O. corner and/or if 76° E - 860 feet from stake at road or within allowable deviation as shown below.**

RESERVATION: 2.5 ACU. APPLD FOR DWELLING HOUSE BUILDING

STAKE ONLY - 1976 LOCATION

COMPLETED: 7-16-76	P.B.: 1705	PAGE: 27-28	BY: R.B. White	REVISED: Yes	WHY REVISED: Orig. fell too close to well	APPROVED BY: T.G. Kuhn
MAPS-RECORDS: 7-25-76	CHIEF-CIVIL ENGINEER: BPS-18	REFERENCES: N 31-23° W - 117' - "X" on B.S.P. N 82-50° W - 88' - "X" on C.L. Loc.				



ALLOWABLE DEVIATION: **100' FROM S. E. 1/4**

Submitted By - Chief Geologist: **T.G. Kuhn** Approved By - Mgr. Prod. Approved By - V. P. Operations

To _____, Manager, - Land, Lease, and R/W Clarksburg, W. Va. **7-24-75**

I have examined title of the lessors to the tracts of land upon which the above well location has been made (including allowable deviation as shown) and find the same - **WELL SAFE TO OPERATE AT ABOVE LOCATION**

safe to operate at #2 stake.

cc: **F. M. Cottrill (for file with W/O)**
A. B. Hannah
T. C. Hawkins

RECEIVED
 Office of Oil and Gas
 AUG 26 2014
 WV Department of Environmental Protection

3300991P

WW-4A
Revised 6-07

1) Date: 8/21/14
2) Operator's Well Number
12066

3) API Well No.: 47 - 033 - 00991

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:
(a) Name Clarence E, Janet L. & L. Diane Sperry
Address 112 Keyes Avenue
Philippi, WV 26416
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Sam Ward
Address P.O. Box 2327
Buckhannon, WV 26201
Telephone 304-389-7583

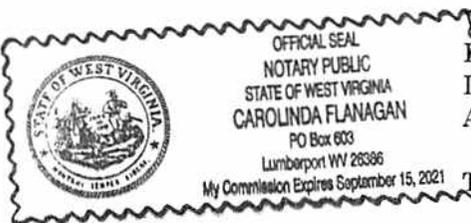
5) (a) Coal Operator
Name Anker WV Mining Company, Inc.
Address 300 Corporate Center Drive
Scott Depot, WV 25560
(b) Coal Owner(s) with Declaration
Name Anker WV Mining Company, Inc.
Address 300 Corporate Center Drive
Scott Depot, WV 25560
Name Clarence E, Janet L. & L. Diane Sperry
Address 112 Keyes Avenue
Philippi, WV 26416
(c) Coal Lessee with Declaration
Name None of Declaration
Address _____

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
Its: Designated Agent - District Operations Superintendent, WV Gas Operations
Address P.O. Box 1248
Jane Lew, WV 26378
Telephone 304-884-2009 - Amanda Wright, Permitting Supervisor

Subscribed and sworn before me this 21ST day of AUGUST 2014
Carolinda Flanagan Notary Public
My Commission Expires 9/15/2021

RECEIVED
Office of Oil and Gas

AUG 26 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.

3300991P

7014 0510 0000 4142 3183

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	\$ 1.82
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.82

Postmark Here

SENT TO
 Clarence E, Janet L. & L. Diane Sperry
 112 Keyes Avenue
 Philippi, WV 26416
 P&A Well #12066
 Surface & Coal Owner

PS Form 3800, August 2006 See Reverse for Instructions

7014 0510 0000 4142 3190

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	\$ 1.82
Certified Fee	3.30
Return Receipt Fee (Endorsement Required)	2.70
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 7.82

Postmark Here

SENT TO
 Anker WV Mining Company, Inc.
 300 Corporate Center Drive
 Scott Depot, WV 25560
 P&A Well #12066
 Coal Owner & Coal Operator

PS Form 3800, August 2006 See Reverse for Instructions

RECEIVED
Office of Oil and Gas

AUG 26 2014

WV Department of
Environmental Protection

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 Sycamore Creek Quadrangle Weston

Elevation 1146.78' County Harrison District Union

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 YES 20 MIL.

Proposed Disposal Method For Treated Pit Wastes:

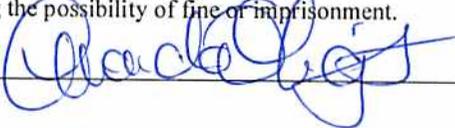
- Land Application
- Underground Injection (UIC Permit Number _____)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Waste Management or Ryan Environmental use vacuum trucks, and properly disposes fluid and waste returns)

Proposed Work For Which Pit Will Be Used:

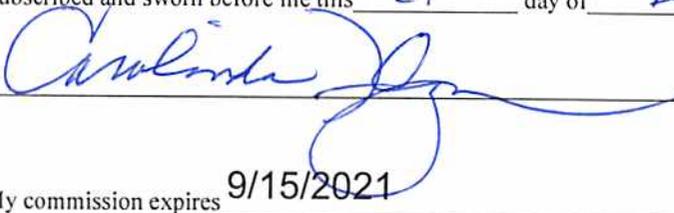
- Drilling
- Swabbing
- Workover
- Plugging
- Other (Explain _____)

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.

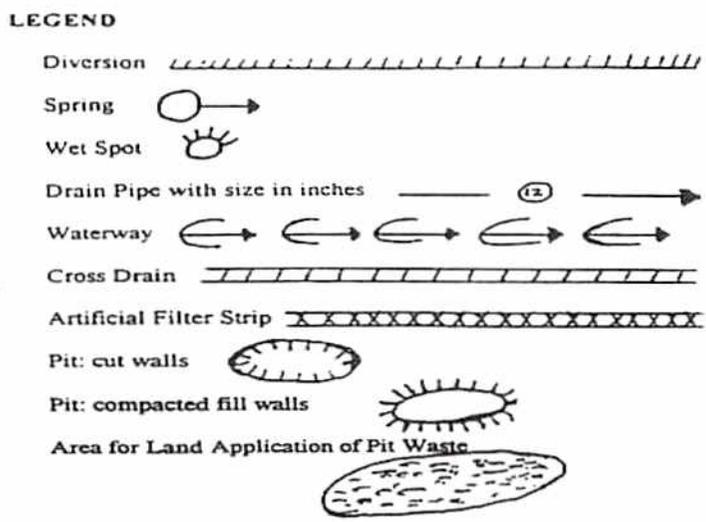
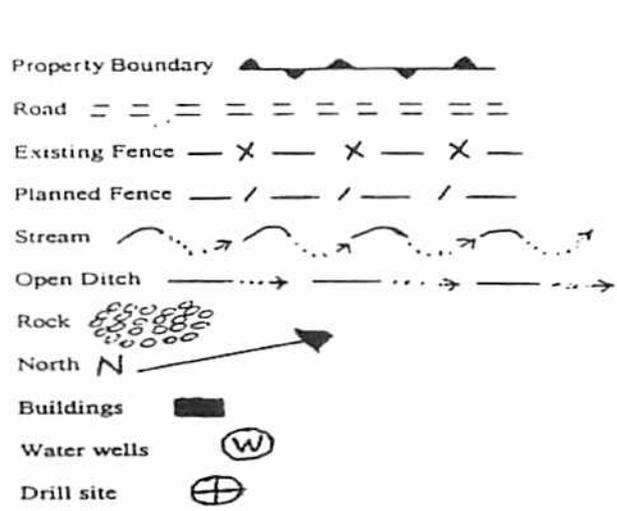
Company Official Signature 
 Company Official (Typed Name) Matt Imrich
 Company Official Title Designated Agent - District Operations Superintendent, WV Gas Operations

Subscribed and sworn before me this 21ST day of AUGUST, 2014



My commission expires 9/15/2021





Proposed Revegetation Treatment: Acres Disturbed 0.75 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

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

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: _____

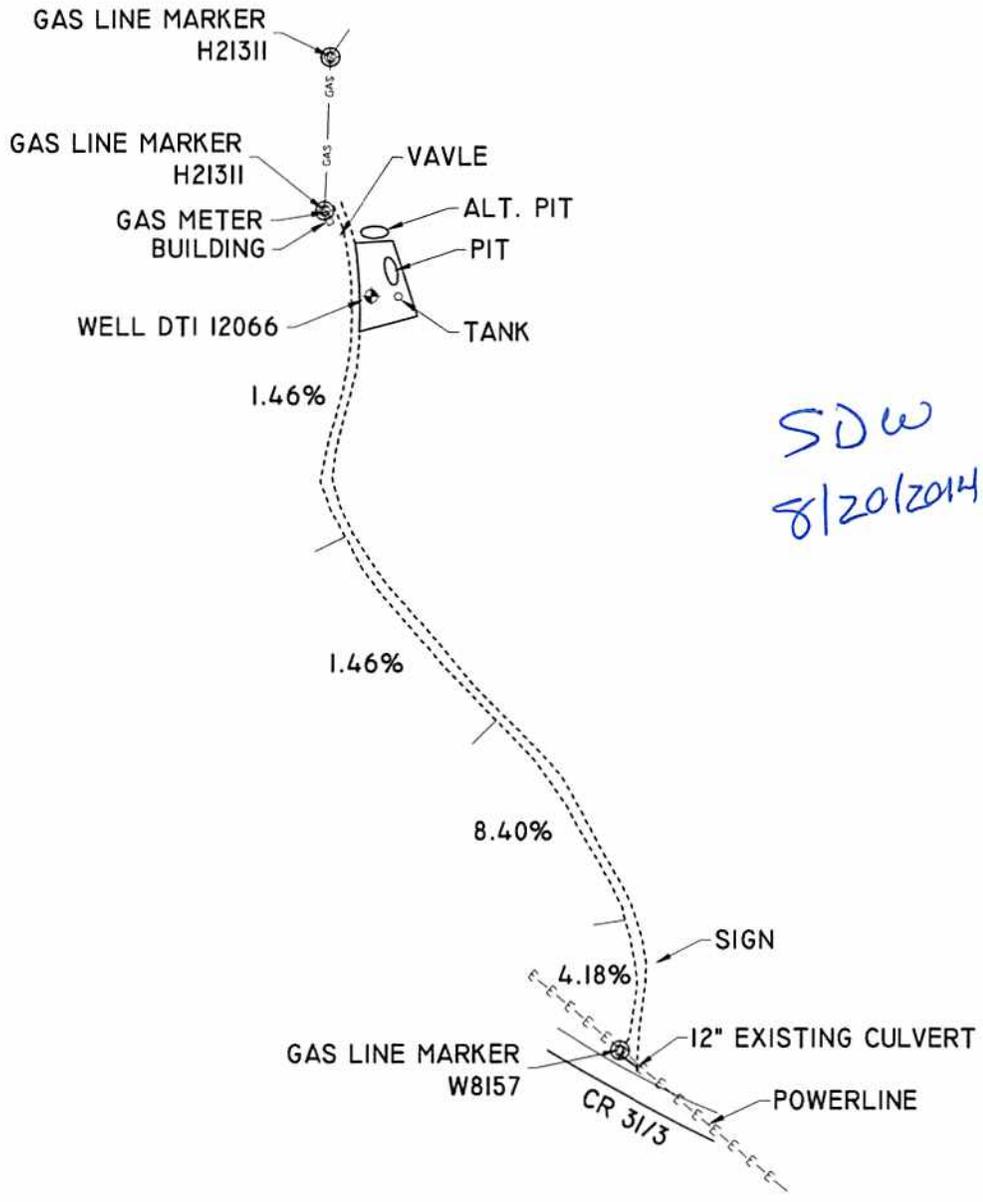
RECEIVED
 Office of Oil and Gas

Title: Oil & Gas Inspector Date: 8/20/2014

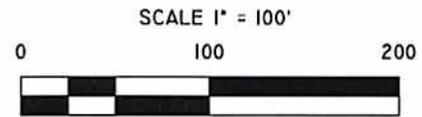
AUG 26 2014

Field Reviewed? () Yes (X) No

WV Department of
 Environmental Protection



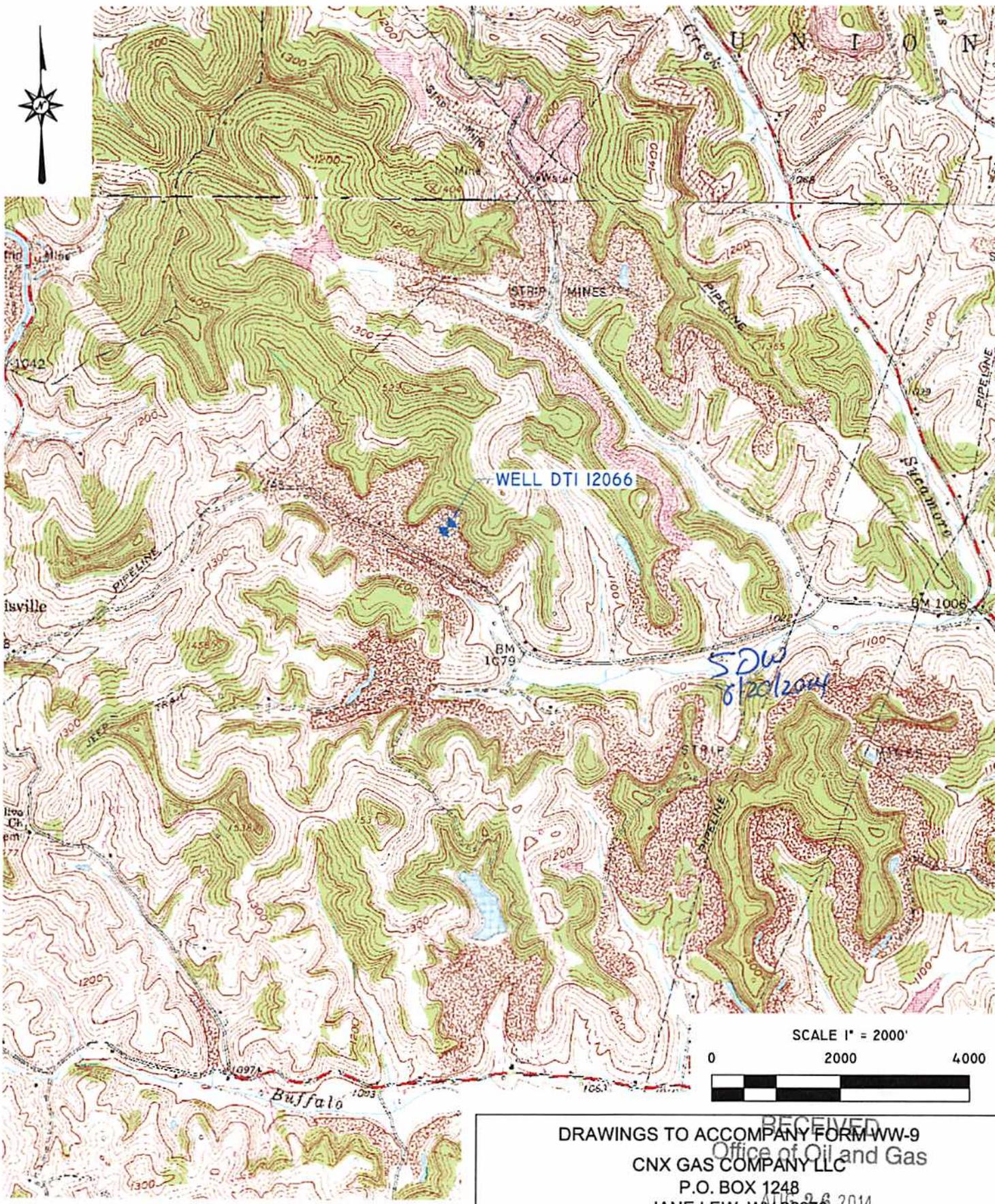
SDW
8/20/2014



NOTE:
 THIS PLAN IS FOR THE PLUGGING OF AN EXISTING GAS WELL.
 ENTIRE LENGTH OF ROAD IS EXISTING ROCK BASE WELL ROAD.
 ROCK WILL BE USED WHERE NECESSARY.
 ALL GRADES ARE NOTED.

Blue Mountain Inc.
 11023 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

DRAWINGS TO ACCOMPANY FORM WV-9	
CNX GAS COMPANY LLC COMPANY OF Oil and Gas P.O. BOX 1248 JANE LEW, WV 26378	
RECEIVED AUG 26 2014	
WATERSHED: SYCAMORE CREEK	WV Department of Environmental Protection
DISTRICT: UNION	COUNTY: HARRISON
QUADRANGLE: WESTON	WELL NO.: DTI 12066
DATE: 08/04/14	PAGE 1 OF 3



Blue Mountain Inc.
 11023 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

RECEIVED
 Office of Oil and Gas
 P.O. BOX 1248
 JANE LEW, WV 26378 8/26/2014

WATERSHED: SYCAMORE CREEK
 DISTRICT: UNION COUNTY
 QUADRANGLE: WESTON
 DATE: 08/04/14

Department of Environmental Protection
 COUNTY: HARRISON
 WELL NO.: DTI 12066
 PAGE 3 OF 3

33 00991P

WW-7
8-30-06



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

API: 033-00991 WELL NO.: DTI 12066

FARM NAME: HIRAM POST

RESPONSIBLE PARTY NAME: CNX GAS COMPANY LLC

COUNTY: HARRISON 33 DISTRICT: UNION 0

QUADRANGLE: WESTON 670

SURFACE OWNER: CLARENCE SPERRY

ROYALTY OWNER: FLORA G. POST, AGT.

UTM GPS NORTHING: 4343147.483 METERS

UTM GPS EASTING: 546562.432 METERS GPS ELEVATION: 349.54 METERS 1146'

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

- Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
- Accuracy to Datum – 3.05 meters
- Data Collection Method:

Survey grade GPS : Post Processed Differential

Real-Time Differential

Mapping Grade GPS X: Post Processed Differential

Real-Time Differential X

- Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data 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 Office of Oil and Gas.

George D. Six
Signature

WV PROFESSIONAL SURVEYOR #2000
Title

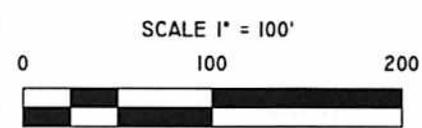


RECEIVED
Office of Oil and Gas

AUG 26 2014
8-3-14

WV Department of
Environmental Protection

CNX USE: NAD27 WV NORTH SPC - N:269627.912' E:1727891.655' ELEV:1146.78'



NOTE:
THIS PLAN IS FOR THE PLUGGING OF AN EXISTING GAS WELL.
ENTIRE LENGTH OF ROAD IS EXISTING ROCK BASE WELL ROAD.
ROCK WILL BE USED WHERE NECESSARY.
ALL GRADES ARE NOTED.

DRAWINGS TO ACCOMPANY FORM WW-9
RECEIVED
CNX GAS COMPANY LLC
Company of and Gas
P.O. BOX 1248
JANE LEW, WV 26378
AUG 26 2014


Blue Mountain Inc.
11023 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

WATERSHED: SYCAMORE CREEK
DISTRICT: UNION COUNTY HARRISON
QUADRANGLE: WESTON WELL NO.: DTI I2066
DATE: 08/04/14 PAGE 2 OF 3

3300991A



11023 Mason Dixon Hwy, Burton WV 26562-9656
Phone: (304) 662-6486

E-mail: bmi@bluemtninc.com
www.bluemtninc.com

August 1, 2014

DRIVING DIRECTIONS FOR DTI 12066

From the junction of US Route 19 and County Route 33 (Sycamore Road) travel 3.1 miles West on County Route 33. Turn left onto County Route 31/3. Travel 0.2 miles to access road on the right.

RECEIVED
Office of Oil and Gas
AUG 26 2014
WV Department of
Environmental Protection

3300991P



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



August 21, 2014

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

RE: Well to be Plug and Abandoned: 12066

To Whom it May Concern,

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

- 12066 – API #47-033-00991

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

Sincerely,


Carolinda Flanagan

RECEIVED
Office of Oil and Gas
AUG 26 2014
WV Department of
Environmental Protection