



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

January 16, 2014

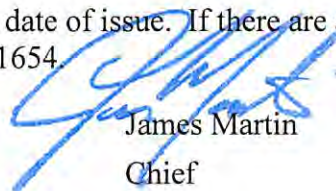
WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1300759, 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: 8660
Farm Name: GAINER, LAURA
API Well Number: 47-1300759
Permit Type: Plugging
Date Issued: 01/16/2014

Promoting a healthy environment.

01/17/2014

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.

1) Date January 13, 2014
2) Operator's
Well No. 8660
3) API Well No. 47-013 - 00759

Check # 2780021983
\$ 100.00

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 1,052' Watershed Pine Creek
District Center 01 County Calhoun 13 Quadrangle Grantsville 379

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

8) Oil and Gas Inspector to be notified Name Ed Gainer 9) Plugging Contractor
Address P.O. Box 821 Name Waco Oil & Gas Company
Spencer, WV 25276 Address 1595 US Highway 33E
Glenville, WV 26351

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

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

Work order approved by inspector Ed Gainer Date 1/16/2014
By JNW/m

1300759A

Plugging Work Order for Permit 47-013-00759

WN 8660

1. Load Hole with 6% Gel
2. Verify TD
3. Pump Cement Plug from TD to ¹⁹⁰⁰1950'
4. Freepoint, cut, and pull 6.625" Casing, (if unable to pull perforate every 200')
5. Pump Cement Plug from ¹⁹⁰⁰1950' to 1740' (water shows)
6. Displace with 6% Gel
7. Pump Cement Plug from 1306' to 952' (gas shows and elevation plug)
8. Free point, cut, and pull 8.25" Casing, (if unable to pull perforate every 200')
9. Pump Cement Plug from 860' to Surface' (water shows and surface)
10. Install 6" x 14' monument API 47-013-00759

Work Order approved by inspector _____

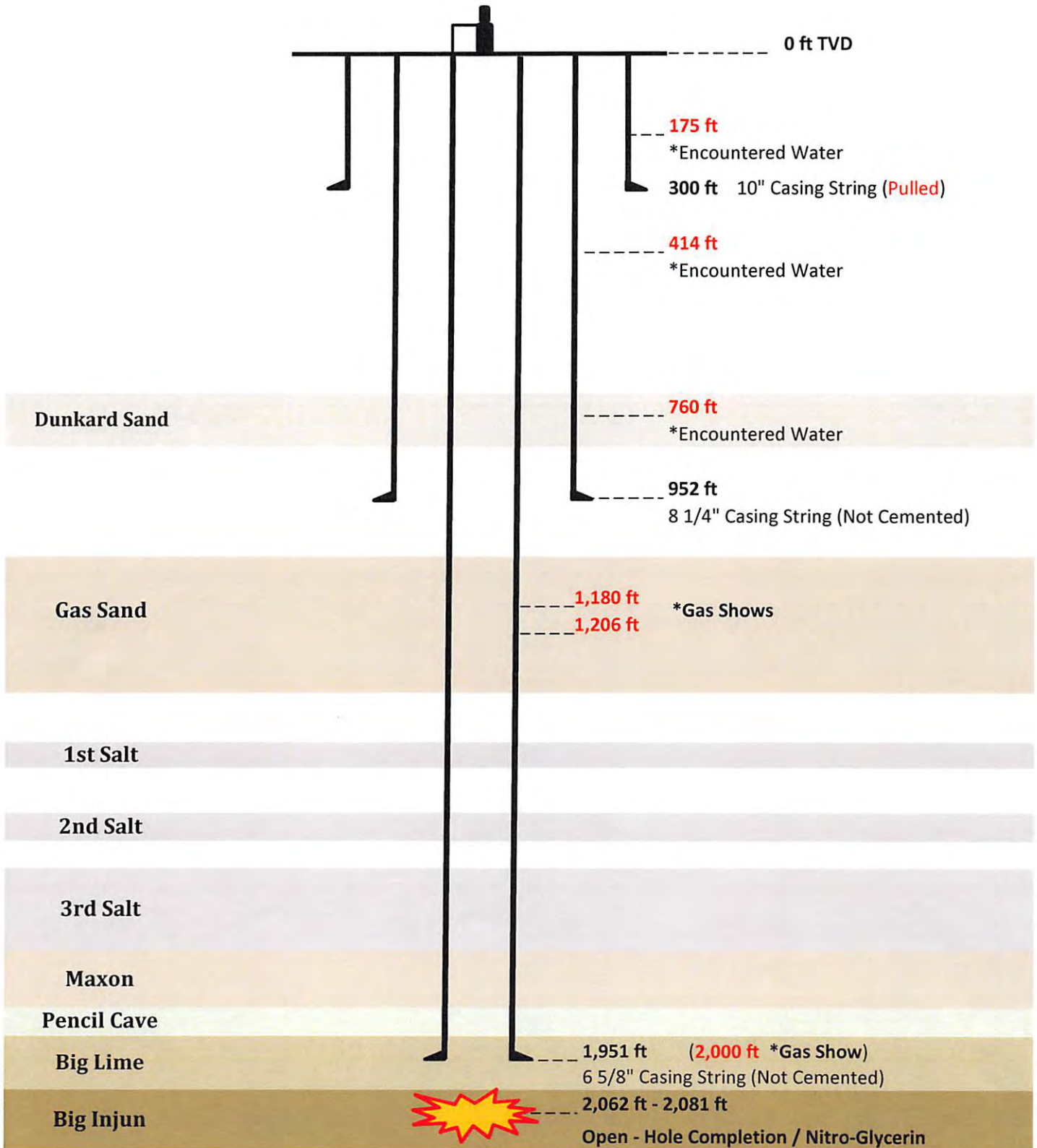


Date: 1/15/14

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

01/17/2014

Well No. 8660
 Gainer Well, Calhoun County, West Virginia
 Elevation: 1,052 ft
 16-Nov-43





CONSOL Energy
WV Gas Operations - Jane Lew

Well No. 8660
 Gainer Well, Calhoun County, West Virginia
 Elevation: 1,052 ft
 16-Nov-43

Well Information

| | |
|----------------|--------------------|
| Well No. | 8660 |
| Lease No. | 38687 |
| Acres | 80 |
| District | Center |
| County | Calhoun |
| Permit Granted | May 24, 1943 |
| Commenced | September 20, 1943 |
| Completed | October 16, 1943 |
| Contractor | C.F. Engel |
| Date Connected | November 16, 1943 |
| Date TIL | November 16, 1943 |
| Elevation | 1,052 ft |

Casing Detail

| | | |
|-------------------|----------|---------|
| 10 inch Casing | 300 ft | Pulled |
| 8 1/4 inch Casing | 952 ft | In Hole |
| 6 5/8 inch Casing | 1,951 ft | In Hole |

Formation Record

| Formation | Top (ft) | Bottom (ft) | Oil At (ft) | Gas At (ft) | Water At (ft) | Fresh or Salt |
|-----------------|----------|-------------|-------------|-------------|---------------|---------------|
| Native Coal | | | | | 175 | |
| Pittsburgh Coal | | | | | 414 | |
| Dunkard Sand | | | | | 760 | |
| Dunkard Sand | 753 | 778 | | | | |
| Gas Sand | 1056 | 1320 | | 1180 | | |
| 1st Salt | 1448 | 1482 | | 1206 - 1210 | | |
| 2nd Salt | 1600 | 1630 | | | | |
| 3rd Salt | 1685 | 1817 | | | | |
| Maxon | 1826 | 1912 | | | | |
| Pencil Cave | 1912 | 1923 | | | | |
| Big Lime | 1923 | 2020 | | 2000 - 2004 | | |
| Big Injun | 2020 | 2087 | 2062 - 2081 | 2062 - 2081 | | |

WELL No. *8660* NAME *Laura Eigner* LEASE No. *38687* ACRES *80* N. *S. 39 E.* W. *29* DISTRICT *Calhoun*

DISTRICT *Center*
 COUNTY *Calhoun*
 PERMIT GRANTED *May 24 - 1943*
 LOCATED *May 4th. 1943*
 COMMENCED *September 20 - 43*
 COMPLETED *October 16th. 43*
 CONTRACTOR *C. F. Engel*
 PURCHASED FROM
 DATE PURCHASED *47-013-759*
 DATE SEED IN
 DATE CONNECTED *Nov. 16-43*
 DATE TURNED ON *11-16-43* OFF
 DATE DISCONNECTED
 SOLD TO
 DATE SOLD
 DATE RE-PURCHASED
 DATE PLUGGED
 LOG CASE SENT IN BY
 DATE ABANDONED
 ELEVATION *1052'*

| PURIFICATION | TOP | BOTTOM | OIL AT | GAS AT | WATER AT | FRESH OR SALT |
|------------------|--------------|-------------|--------|--------|----------|---------------|
| Native Coal | | | | | 175 | |
| Metamorph Coal | | | | | 414 | |
| Unhard Sand | | | | | 760 | |
| <i>Gas Sand</i> | | | | | | |
| <i>1st Salt</i> | <i>1448</i> | <i>1482</i> | | | | |
| <i>2nd Salt</i> | <i>1600</i> | <i>1630</i> | | | | |
| <i>3rd Salt</i> | <i>1685</i> | <i>1817</i> | | | | |
| <i>4th Salt</i> | <i>1826</i> | <i>1912</i> | | | | |
| <i>5th Salt</i> | <i>1912</i> | <i>1923</i> | | | | |
| <i>6th Salt</i> | <i>1923</i> | <i>2020</i> | | | | |
| <i>7th Salt</i> | <i>2020</i> | <i>2087</i> | | | | |
| <i>8th Salt</i> | | | | | | |
| <i>9th Salt</i> | | | | | | |
| <i>10th Salt</i> | | | | | | |
| <i>11th Salt</i> | | | | | | |
| <i>12th Salt</i> | | | | | | |
| <i>13th Salt</i> | | | | | | |
| <i>14th Salt</i> | | | | | | |
| <i>15th Salt</i> | | | | | | |
| TOTAL DEPTH | <i>2129'</i> | | | | | |

| SIZE | PUT IN WELL | PULLED | CEMENTED |
|---------------|--------------|-------------|-------------|
| 12 in. Casing | | | Date |
| 10 in. Casing | <i>300'</i> | <i>300'</i> | Size Casing |
| 8 in. Casing | <i>952'</i> | | Top Ft. |
| 6 in. Casing | <i>1951'</i> | | Bottom Ft. |
| 4 in. Tubing | | | |
| 2 in. Tubing | | | |

| DATE | QTS | SAND | VOLUME BEFORE | VOLUME AFTER |
|-------------------|-----------|-----------------|---------------|----------------|
| <i>10-19-1943</i> | <i>90</i> | <i>Blk Inj.</i> | <i>62,480</i> | <i>935,000</i> |

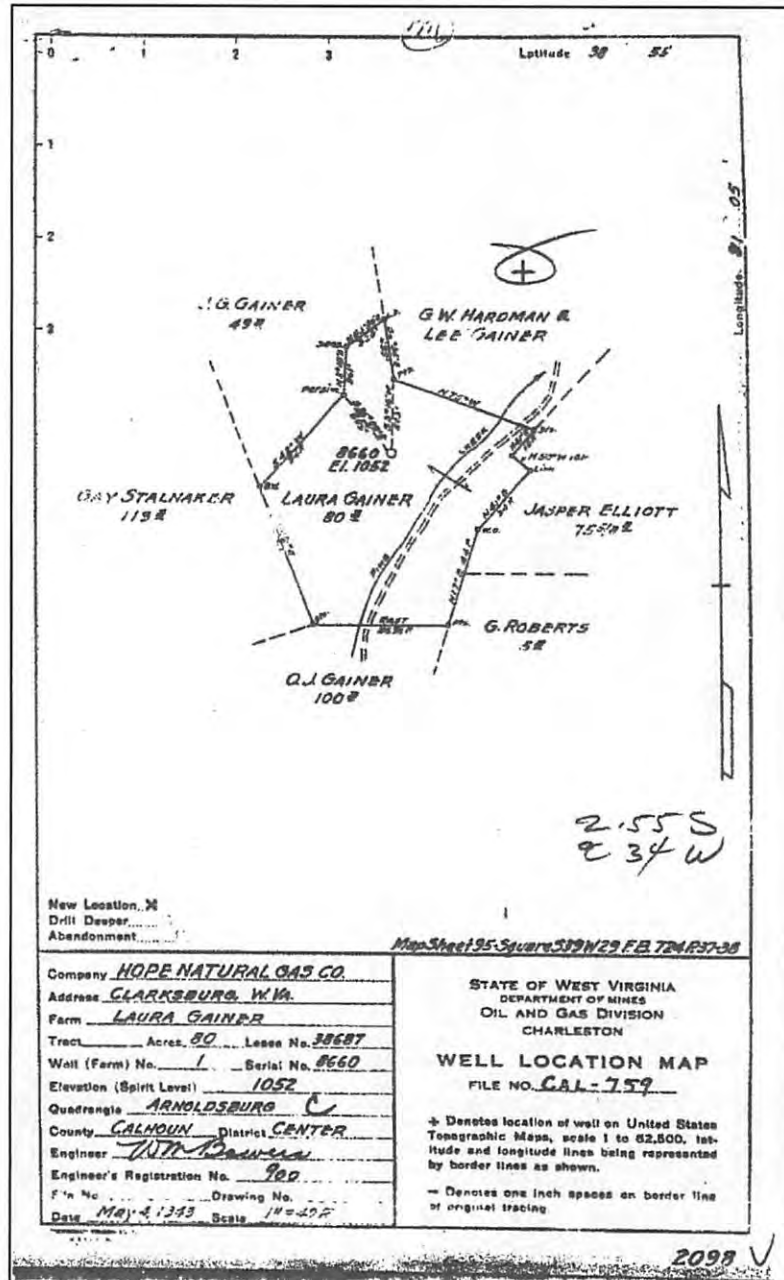
| DATE TAKEN | READING | LIQUID | OPENING | POUNDS PRESSURE | PACKERS | | | | | | | | | |
|--------------------|--------------|--------------|--------------|-----------------|-----------|-----------|-----------|------------|------------|------------------------|--------------------------|--|--|--|
| | | | | | 1 MIN. | 5 MIN. | 10 MIN. | 20 MIN. | 30 MIN. | | | | | |
| <i>Oct. 4 1943</i> | <i>60/10</i> | <i>Water</i> | <i>1" PM</i> | | | | | | | <i>59,240 Gas Sand</i> | | | | |
| <i>" 16 "</i> | <i>70/10</i> | <i>"</i> | <i>1" PM</i> | | | | | | | <i>62,980 Injua</i> | | | | |
| <i>" " "</i> | <i>12/10</i> | <i>"</i> | <i>1" PM</i> | | | | | | | <i>26,087 Blk Limg</i> | | | | |
| <i>Nov. 1</i> | <i>36/10</i> | <i>Merc.</i> | <i>2" PM</i> | | <i>20</i> | <i>50</i> | <i>90</i> | <i>180</i> | <i>235</i> | <i>400</i> | <i>935,000 Blk Injua</i> | | | |

| DATE | BARRELS | SAND |
|-----------|---------|----------|
| ESTIMATED | | SRL WELL |

13007599P

WV 480 500-4-41

#8660 Overview : General Info



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. CAL-759 Oil or Gas Well Gas
(Type)

Company Hope Natural Gas Company
Address 445 W. Main St. Clarksburg, W. Va.
Farm Laura Gainer Acres. 80
Location (waters) _____
Well No. 8660 Elev. 1052
District Center County Calhoun
The surface of tract is owned in fee by
Grant Roberts Address Mt. Zion, W. Va.
Mineral rights are owned by _____
Address _____
Drilling commenced Sept. 20, 1943
Drilling completed Oct. 16, 1943
Date Shot 10-19-43 From 1999 To 2006 - 30 4 Shells Used
With From 2064 2001 60 118

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|-----------------|
| Size | | | |
| 18 | | | Kind of Packerc |
| 18 | | | |
| 10 | 298 | 298 | Size of |
| 8 1/2 | 246 | 244 | |
| 6 1/2 | 1937 | 1937 | Depth set |
| 5 1/2 | | | |
| 2 | | | Perf. top |
| 2 | | | Perf. bottom |
| | | | Perf. top |
| | | | Perf. bottom |

Open Flow _____ /10ths Water in _____ Inch
36 /10ths Merc. in _____ E _____ Inch
Volume 935,000 Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ lbs., let 24 hrs.
Fresh water 172 feet 41.4 760 feet
Salt water 1840 feet 1860 feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
Not cemented _____
No coal encountered _____
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 Found | Remarks |
|-------------|-------|--------------|-----|--------|------------------|-------------|---------|
| Red Clay | | | 0 | 40 | | | |
| Blue Lime | | | 40 | 45 | | | |
| Red Rock | | | 45 | 65 | | | |
| Blue Lime | | | 65 | 80 | | | |
| Blue Slate | | | 80 | 87 | | | |
| Sand | | | 87 | 93 | | | |
| Red Rock | | | 93 | 130 | | | |
| White Slate | | | 130 | 152 | | | |
| Lime | | | 152 | 190 | | | |
| Red Rock | | | 190 | 212 | | | |
| Gritty Lime | | | 212 | 236 | | | |
| Red Rock | | | 236 | 248 | | | |
| Sand | | | 248 | 280 | | | |
| Blue Slate | | | 280 | 290 | | | |
| Lime | | | 290 | 317 | | | |
| White Slate | | | 317 | 346 | | | |
| Red Rock | | | 346 | 352 | | | |
| White Slate | | | 352 | 360 | | | |
| Black Lime | | | 360 | 375 | | | |
| Red rock | | | 375 | 369 | | | |
| Blue & late | | | 360 | 390 | | | |
| Lime | | | 390 | 408 | | | |
| Sand | | | 408 | 436 | | | |
| White Slate | | | 436 | 448 | | | |
| Red Rock | | | 448 | 462 | | | |
| White Slate | | | 462 | 467 | | | |
| Gritty Lime | | | 467 | 513 | | | |
| White Slate | | | 513 | 520 | | | |
| red Rock | | | 520 | 526 | | | |
| White Slate | | | 526 | 554 | | | |
| Red Rock | | | 554 | 575 | | | |
| Gritty Lime | | | 575 | 595 | | | |
| Red Rock | | | 595 | 620 | | | |
| Gritty Lime | | | 620 | 635 | | | |

(Over)

NOV 1983

13007599

#8660 Overview : General Info

| Formation | Color | Harder Soft | Top | Bottom | Off. Gas or Water | Depth Found | Remarks |
|-----------------|-------|----------------|------|--------|--------------------------|--------------------------------|----------------|
| Red Rock | | | 695 | 696 | | | |
| Gritty Lime | | | 696 | 714 | | | |
| White Slate | | | 714 | 725 | | | |
| Gritty Lime | | | 725 | 730 | | | |
| White S late | | | 730 | 742 | | | |
| Gritty Lime | | | 742 | 753 | | | |
| LITTLE DUNELAND | | | 753 | 778 | Water | 760 | 1/2 boiler hr. |
| Blue S late | | | 778 | 788 | | | |
| Gritty Lime | | | 788 | 808 | | | |
| Red Rock | | | 808 | 831 | | | |
| Grey Lime | | | 831 | 860 | | | |
| Soft Slate | | | 860 | 881 | | | |
| Hard Lime | | | 881 | 915 | | | |
| Black Slate | | | 915 | 925 | | | |
| Blue Lime | | | 925 | 1008 | | | |
| Soft Slate | | | 1008 | 1015 | | | |
| Hard Lime | | | 1015 | 1055 | | | |
| GAS SAND | | | 1055 | 1320 | Lime Break Gas Gas | 1132-1165 1180 1205-1210 | 11M |
| Black Slate | | | 1320 | 1344 | | | |
| Soft Sand | | | 1344 | 1372 | | | |
| Slate | | | 1372 | 1448 | | | |
| FIRST SALT SAND | | | 1448 | 1488 | | | |
| Slate & Shells | | | 1488 | 1600 | | | |
| SECOND SALT | Grey | | 1600 | 1638 | | | |
| Dark Slate | | | 1638 | 1685 | | | |
| THIRD SALT | | | 1685 | 1817 | Break | 1785-1795 | |
| Hard Lime | | | 1817 | 1825 | Break-Lime | 1889-1897 | |
| MEXON SAND | | | 1825 | 1912 | Water Water | 1840 1860 | |
| Pencil Case | | | 1912 | 1925 | | | |
| BIG LIMK | | | 1925 | 2080 | Gas | 2000-2004 | |
| INJUR | | | 2080 | 2087 | Gas | 2062-2061 | |
| Slate | | | 2087 | 2129 | | | |
| Total depth | | | | 2129 | | | |

Date Nov. 3 1945 194

APPROVED By *[Signature]* Consol Energy Company Owner

By *[Signature]* Gen. Supt.

1300759P

1300759 P

WW-4A
Revised 6-07

1) Date: 1/13/14
2) Operator's Well Number 8660
3) API Well No.: 47 - 013 - 00759

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>Connie McCartney</u> | Name <u>None of Declaration</u> |
| Address <u>4904 Pine Creek Road</u> | Address _____ |
| <u>Grantsville, WV 26147</u> | _____ |
| (b) Name _____ | (b) Coal Owner(s) with Declaration |
| Address _____ | Name <u>None of Declaration</u> |
| _____ | Address _____ |
| (c) Name _____ | Name _____ |
| Address _____ | Address _____ |
| _____ | _____ |
| 6) Inspector <u>Ed Gainer</u> | (c) Coal Lessee with Declaration |
| Address <u>P.O. Box 821</u> | Name <u>None of Declaration</u> |
| <u>Spencer, WV 25276</u> | Address _____ |
| Telephone <u>304-389-7582</u> | _____ |
| _____ | _____ |

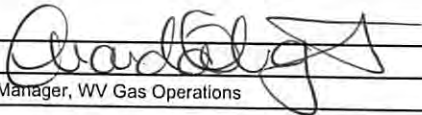
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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: Jeremy Jones 
 Title: Designated Agent - General Manager, WV Gas Operations
 Address P.O. Box 1248
Jane Lew, WV 26378
 Telephone 304-884-2009 - Amanda Wright - Manager, Gas Permitting WV

Subscribed and sworn before me this 13th day of January 2014
Carolinda Flanagan Notary Public
My Commission Expires 9/15/2021

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.

01/17/2014

SURFACE OWNER WAIVER

Operator's Well
Number

8660

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 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 **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,

Connie K. Mc Carthy _____
 Signature Date 1/15/14 Name _____
 By _____
 Its _____ Date _____

Signature Date

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 Pine Creek Quadrangle Grantsville

Elevation 1,052' County Calhoun District Center

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

Will a synthetic liner be used in the pit? yes - 20ml

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 _____)

Proposed Work For Which Pit Will Be Used:

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

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 *Jeremy Jones*

Company Official (Typed Name) Jeremy Jones

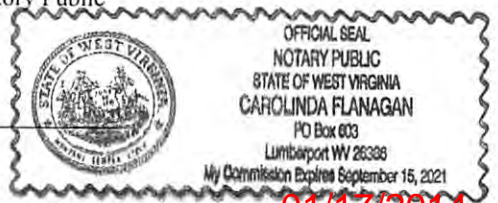
Company Official Title Designated Agent - General Manager WV Gas Operations

Subscribed and sworn before me this 13th day of January, 2014

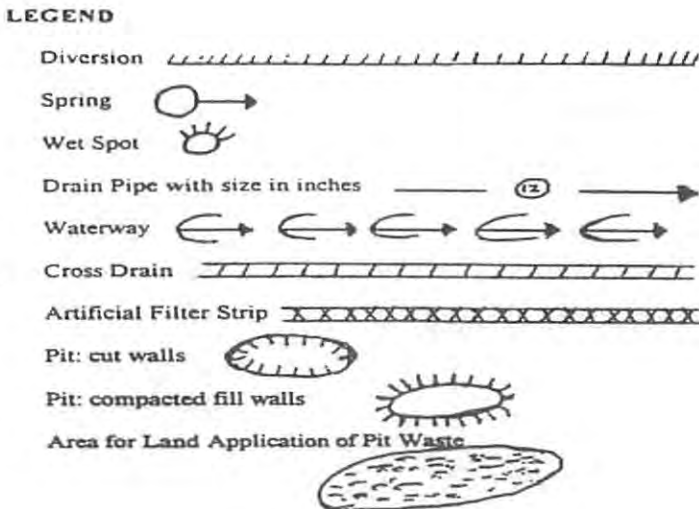
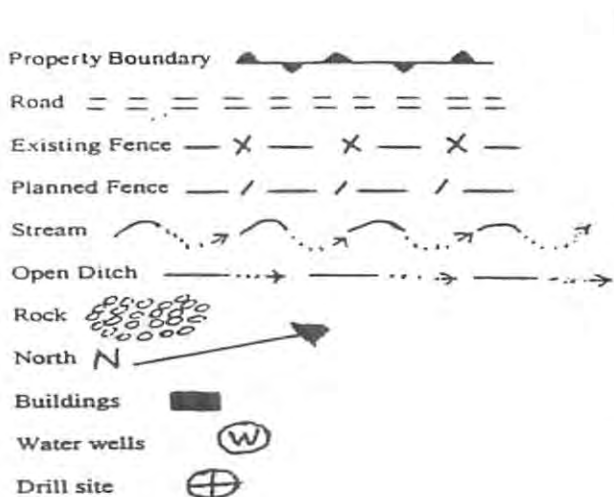
Caroline Flanagan

Notary Public

My commission expires 9/15/2021



01/17/2014



Proposed Revegetation Treatment: Acres Disturbed .50 Prevegetation pH 6.5
 Lime according to pH test Tons/acre or to correct to pH 7.
 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 | Seed Type | Area II lbs/acre |
|-------------------|--------------------|-------------------|---------------------|
| Orchard Grass | <u>25</u> | Orchard Grass | <u>25</u> |
| Birdsfoot Trefoil | <u>15</u> | Birdsfoot Trefoil | <u>15</u> |
| Ladino Clover | <u>10</u> | Ladino Clover | <u>10</u> |

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

Photocopied section of involved 7.5' topographic sheet.

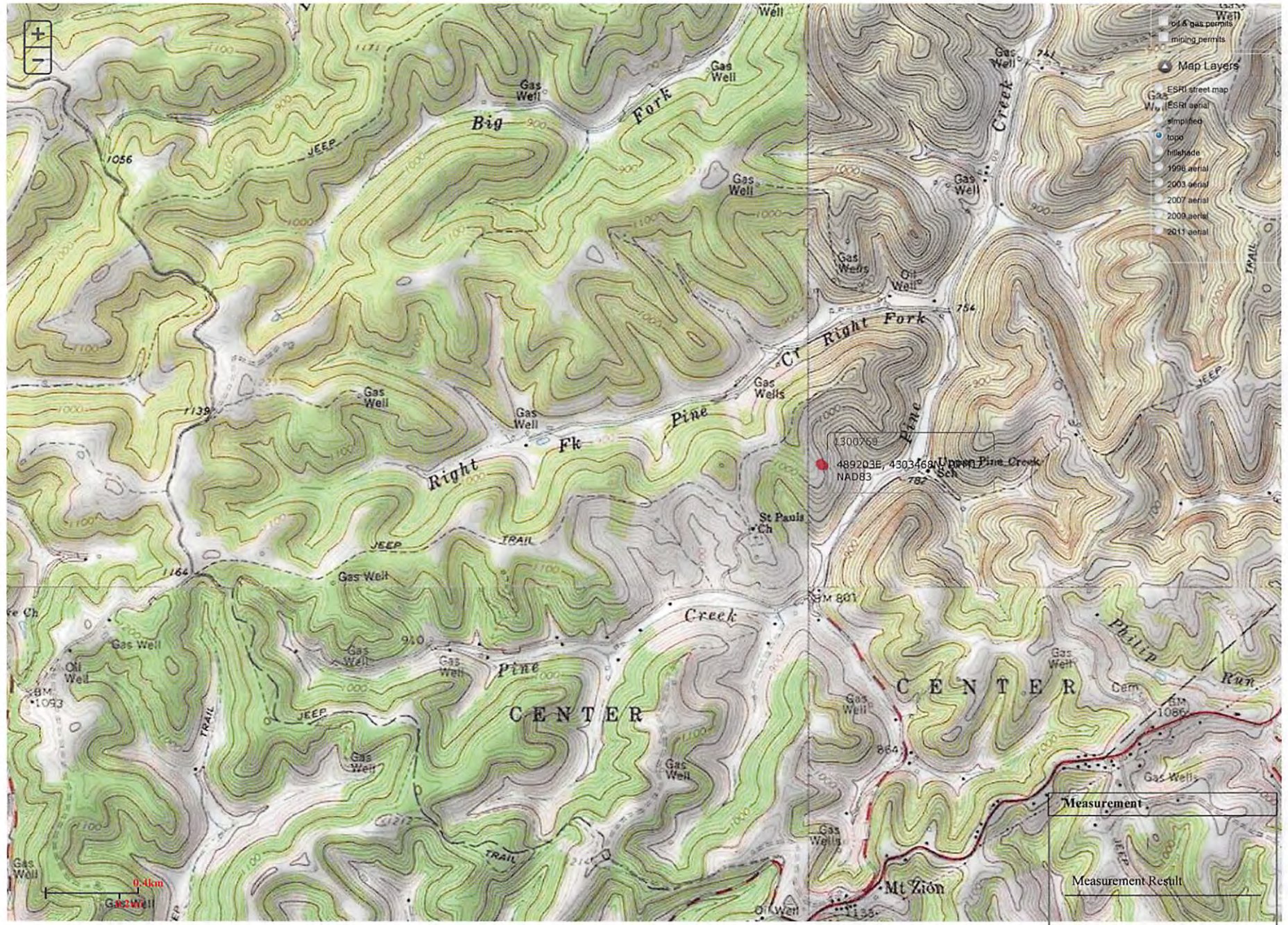
Plan Approved by: gwm FOR EA GAINER

Comments: _____

Title: _____ Date: 1/16/2014

Field Reviewed? () Yes () No

1300759



1300759 P

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-013-0759 WELL NO.: #8660

FARM NAME: Laura Gainer

RESPONSIBLE PARTY NAME: CNX Gas Co. LLC

COUNTY: Calhoun DISTRICT: Center

QUADRANGLE: Grantsville

SURFACE OWNER: Connie McCartney

ROYALTY OWNER: P.L. Gainer Agent

UTM GPS NORTHING: 4303467.9

UTM GPS EASTING: 489203.3 GPS ELEVATION: 321 m 1052 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 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 : Post Processed Differential
Real-Time Differential

4. 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.

[Signature] Title Professional Engineer #2266 Date 1/14/14

