



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street, S.E.
Charleston, WV 25304
(304) 926-0450
fax: (304) 926-0452

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Monday, August 5, 2019

WELL WORK PLUGGING PERMIT
Coal Bed Methane Well Plugging

CNX GAS COMPANY LLC
POST OFFICE BOX 1248

JANE LEW, WV 263786506

Re: Permit approval for L-38
47-049-01404-00-00

This well work permit 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 any additional specific 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. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of 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.

Per 35 CSR 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- 0450.

James A. Martin
Chief

Operator's Well Number: L-38
Farm Name: ENSMINGER, JAMES T. & W⁺
U.S. WELL NUMBER: 47-049-01404-00-00
Coal Bed Methane Well Plugging
Date Issued: 8/5/2019

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.

- 1) Date _____, 20 19
- 2) Operator's
Well No. L-38
- 3) API Well No. 47-049 - 01404

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 1233 Watershed Flat Run
District Mannington County Marion Quadrangle Mannington
- 6) Well Operator CNX Gas Company, LLC 7) Designated Agent Christopher Turner
Address 1000 Consol Energy Drive Address P.O. Box 1248
Canonsburg, PA 15317 Jane Lew, WV 26378
- 8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Sam Ward Name Contractors Services Incorporated of WV
Address P.O. Box 2327 Address 929 Charleston Road
Buckhannon WV 26201 Spencer, WV 25276

10) Work Order: The work order for the manner of plugging this well is as follows:
See attached. THIS IS A CBM WELL. (GOB)

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Notification must be given to the district oil and gas inspector 24 hours before the permitted work can commence. JUL 19 2019

Work order approved by inspector S. L. DeWanna Date 7/11/2019
WV Department of Environmental Protection

47-049-01404P

Well: L-38 (Ensminger)

API#: 47-049-01404

District: Mannington

County: Marion

Elevation: 1242'

L-38 Proposed Plugging and Abandonment Procedure

1. Run in and tag TD (~977') and determine if slotted liner is present
2. If no pressure on well fill slotted liner w/ Pea Gravel (1 ton= ~20 Cu. Ft. fill). If pressure on well a plug will need to be set at top of slotted liner.
3. If using Pea Gravel run in and verify top of gravel is at top of slotted liner
4. Run in well and shoot off and remove any uncemented casing
5. Run in well w/ work string and cement from Pea Gravel/Plug to surface
6. TOOH w/ work string and top off well with cement
7. Install 6"x14' monument (10' below grade, 4' above grade). Monument must contain API#, Well Name, Company Name and Date Plugged

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

SDW
7/11/2019

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Environmental Protection

5/29/2019

Directions to L38

L38 Well Plugging

Mannington District, Marion County, WV

CNX Gas Company

From the intersection of US-250 and CR 13 (Flat Run Road) in Mannington ,WV, head north on CR 13 for approximately 3.75 miles then turn right onto CR 13/2 (Flat Run Branch Road). Follow CR 13/2 for approximately 0.5 miles and then turn right onto the well site access road.

Nearest Fire Department: Mannington Fire Department

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**WV Department of
Environmental Protection**

47-049-01404P

WR-35

DATE: September 2, 2004
API#: 47-4901404

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

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Office of Oil and Gas

JUL 19 2019

Well Operator's Report of Well Work

Farm Name: Ensminger, James T.

Operator Well No.: L-38 WV Department of Environmental Protection

LOCATION: Elevation: 1242

Quadrangle: Mannington

District: Mannington County: Marion
Latitude: 5738.00 Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude: 11671.66 Feet West of 80 Deg. 17 Min. 30 Sec.

Company: CNX Gas Company LLC (North)

	Casing & Tubing	Used In Drilling	Left In Well	Cement Fill Up Cu. Ft.
Address: 1800 Washington Road Pittsburgh, PA 15241				
Agent: Edwin Merrifield				
Inspector: Steve Mossor				
Date Permit Issued: 1/21/2003				
Date Well Work Commenced: Existing Borehole				
Date Well Work Completed: Converted to well				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet): 977				
Fresh Water Depth (ft.):				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 970				

OPEN FLOW DATA

Producing formation Pittsburgh Coal Seam Pay zone depth (ft) 970
 Gas: Initial open flow 40 MCF/d Oil: Initial open flow 0 Bbl/d
 Final open flow 40 MCF/d Final open flow 0 Bbl/d
 Time of open flow between initial and final tests 0 Hours
 Static rock pressure 1 psig (surface pressure) after - Hours

Second producing formation None Pay zone depth (ft) _____
 Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ MCF/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ Hours
 Static rock pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: Joseph P. Aman
By: Joseph P. Aman
Date: September 2, 2004

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Office of Oil & Gas
Office of Chief
SEP 07 2004
WV Department of
Environmental Protection

MAR 14 2004

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.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

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

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

NOT APPLICABLE (SEE NOTE BELOW)

____ Contractor Name _____
____ Well operator's private laboratory _____

Well Operator CNX Gas Company, LLC (North)
Address 116-1/2 Hunsaker Street
 Fairmont, WV 26554
Telephone (304) 363-0074

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 please indicate such.

NOTE: Per discussions with WVDEP Office of Oil & Gas representatives in Charleston, no water sampling is required due to this being an existing ventilation borehole being converted to a producing CBM gob well.

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
COALBED METHANE PERMIT APPLICATION

4 457

1) Well Operator: CNX Gas Company, LLC (North) 2) Well Name St. Leo Gob Well No. L-38

3) Operator's Well Number L-38 4) Elevation 1242'

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

6) Proposed Target Formation(s): Pittsburgh Coal Seam Mine Methane

7) Proposed Total Depth: 977 feet

8) Approximate Fresh Water Strata Depths: Not known

9) Approximate Salt Water Depths: Not known

10) Approximate Coal Seam Depths: Pittsburgh @ 970'

11) Does Land Contain Coal Seams Tributary to Active Mines? Yes X / No _____ /

12) (a) Proposed Well Work: Convert an existing ventilation borehole (Well No. L-38) to a producing CBM gob well.

(b) If Stimulation Proposed, Describe Means to be Used to Stimulate Well: N/A

13) (a) Does the proposed operation plan to convert an existing well (as defined in W. Va. Code § 22-6-1) or a vertical ventilation hole to a coalbed methane well? Yes X / No _____ /

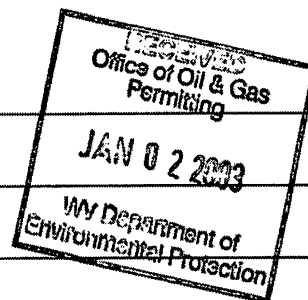
(b) If yes, please attach to this Application a list of all formations from which production is anticipated and a description of any plans to plug any portion of the well. Pittsburgh Coal Only Via Existing Casing.

14) (a) Will the proposed coalbed methane well be completed in some but not all coal seams for production (except for a gob well or vent hole proposed to be converted to a well)?
Yes _____ / No _____ / N/A

(b) If yes, please attach to this Application a plan and design for the well which will protect all workable coal seams which will be penetrated by the well.

15) (a) Does the proposed operation include horizontal drilling of a well commenced on the surface? Yes _____ / No X /

(b) If yes, please attach to this Application a description of such operations, including both the vertical and horizontal alignment and extent of the well from the surface to total depth.



CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS		FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft.	For Drilling Left in Well	
Conductor					
Fresh Water					
Coal					
Intermediate					
Production					
Tubing					
Liners					

Office of Oil & Gas Permitting
 JAN 02 2003
 WV Department of Technical Protection

PACKERS:

PLEASE SEE ATTACHED WELL REPORT

For Office of Oil and Gas Use Only

8250
 CK 134544

Fee(s) paid: Well Work Permit Reclamation Fund WPCP

Plat WW-9 WW-5B Bond _____ Agent

(Type)

CONSOLIDATION COAL COMPANY
1800 WASHINGTON ROAD
PITTSBURGH PA

WELL NUMBER L-38

MINE Loveridge

DATE STARTED October 1981

DATE COMPLETED October 1981

CONTRACTOR ?

TOTAL DEPTH OF HOLE 977 (APPROX)
[In Feet]

CASING IN HOLE: SLOTTED 200
[In Feet]
Surface 20
5-1/2-Inch 972

PACKER SIZE 3' 6"

CEMENT 255 [SKS]

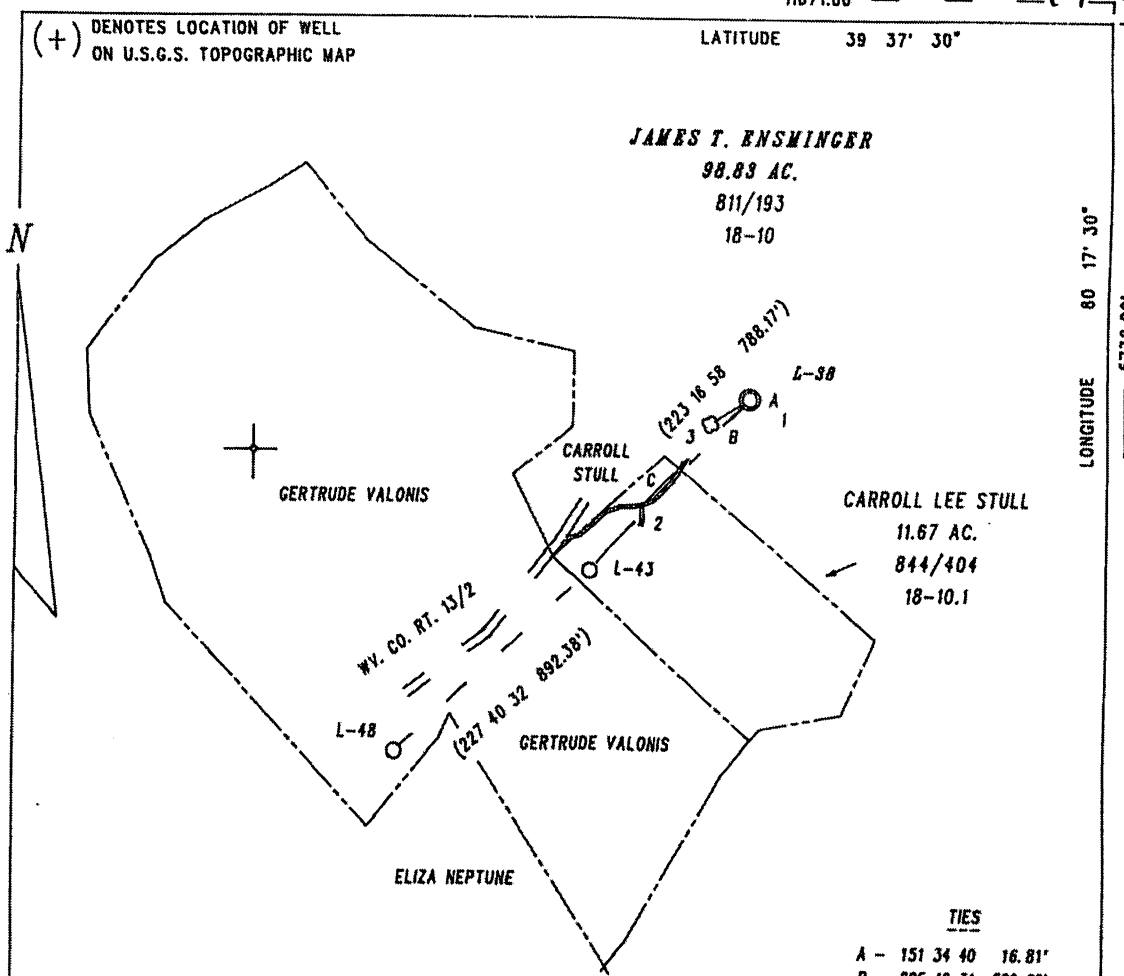
OK SM
1-3-03

(+) DENOTES LOCATION OF WELL ON U.S.G.S. TOPOGRAPHIC MAP

LATITUDE 39 37' 30"

LONGITUDE 80 17' 30" 5738.00'

N



- NOTE :
- 1) CONSOLIDATION COAL COMPANY ET.AL. OWN THE MINERAL ON THIS TRACT.
 - 2) THIS WELL IS AN EXISTING VENTILATION BORE-HOLE BEING CONVERTED TO A CBM GOB WELL.

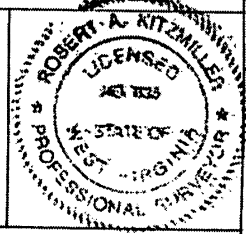
- TIES
- A - 151 34 40 16.81'
 - B - 225 42 31 509.22'
 - C - 238 10 45 156.76'
- 1 - POWER POLE
 - 2 - JUNCTION OF ROADS
 - 3 - 14" POPLAR TREE

FILE NO. 02-NH-31
 DRAWN BY : R.A. KITZMILLER
 SCALE : 1 : 500'
 MIN. DEGREE OF ACCURACY 1 / 200'
 PROVEN SOURCE OF ELEVATION : _____

 SPOT ELEVATION

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) Robert A. Kitzmiller
 Professional Surveyor No. 635



WV. DEPT. OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS DIVISION
 1356 HANSFORD STREET
 CHARLESTON, WV. 25301



DATE OCTOBER 4, 20 02
 OPERATOR'S WELL NO. L-38
 API WELL NO. _____
47-049-01404C
 STATE COUNTY PERMIT NO.

WELL TYPE: OIL GAS CBM LIQUID INJECTION WASTE DISPOSAL

IF "GAS", PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1242' WATERSHED FLAT RUN OF PYLES FORK CREEK
 DISTRICT MANNINGTON COUNTY MARION
 QUADRANGLE MANNINGTON NEAREST TOWN METZ

SURFACE OWNER JAMES T. ENSMINGER ACREAGE 98.83 AC.
 OIL & GAS ROYALTY OWNER * See Note LEASE ACREAGE _____
 LEASE NO. _____

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY) EXISTING VENTILATION BOREHOLE BEING CONVERTED
 PLUG AND ABANDON CLEAN OUT AND REPLUG TO GOB WELL.

TARGET FORMATION PITTSBURGH ESTIMATED DEPTH 977'
 WELL OPERATOR CNX GAS COMPANY LLC. (NORTH) DESIGNATED AGENT EDWIN L. MERRIFIELD
 ADDRESS 1800 WASHINGTON ROAD ADDRESS 116 1/2 HUNSAKER STREET
PITTSBURGH, PA. 15421-1421 FAIRMONT, WV. 26554

PRECISION SURVEYS FORM IV-6

COUNTY PERMIT NO.

1) Date: _____
2) Operator's Well Number _____
L-38
3) API Well No.: 47 - 049 - 01404

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>James T and Wilma J Ensminger</u>	Name <u>Consolidation Coal Company</u>
Address <u>264 Rady Peck Hollow Road</u>	Address <u>46226 NATIONAL RD</u>
<u>Mannington WV 26582</u>	<u>SAINT CLAIRSVILLE OH 43950</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>Wheeling Dollar Savings & Trust Co.</u>
	Address <u>527 S. Main St.</u>
	<u>Zelienople, PA 16063</u>
(c) Name _____	Name <u>James T and Wilma J Ensminger</u>
Address _____	Address <u>264 Rady Peck Hollow Road</u>
	<u>Mannington WV 26582</u>
6) Inspector <u>Sam Ward</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 2327</u>	Name <u>Consolidation Coal Company</u>
<u>Buckhannon WV 26201</u>	Address <u>46226 NATIONAL RD</u>
Telephone <u>304-389-7583</u>	<u>SAINT CLAIRSVILLE OH 43950</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.

Commonwealth of Pennsylvania - Notary Seal
Lori L. Walker, Notary Public
Greene County
My commission expires February 23, 2023
Commission number 1260781
Member, Pennsylvania Association of Notaries

Well Operator CNX Gas Company, LLC
By: Erika Whetstone
Its: Permitting Manager
Address 1000 Consol Energy Drive
Canonsburg, PA 15317
Telephone 724-485-4035

Commonwealth of Pennsylvania County of Washington
Subscribed and sworn before me this 17th day of July 2019
Lori L. Walker Notary Public
My Commission Expires February 23, 2023

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Office of Oil and Gas

JUL 19 2019

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.

WV Department of
Environmental Protection

47-049-01404P

WW-9
(5/16)

API Number 47 - 049 - 01404
Operator's Well No. _____

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name CNX Gas Company, LLC OP Code 494458046

Watershed (HUC 10) Flat Run Quadrangle Mannington

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes No If so, what ml? _____

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- 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 will use vacuum trucks, and properly dispose of any fluid or waste returns.)

Will closed loop system be used? If so, describe: no

*SDW
7/19/19*

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. na

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

Additives to be used in drilling medium? na

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Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. na

JUL 19 2019

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? _____

WV Department of
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Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, 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 Erika Whetstone

Company Official (Typed Name) Erika Whetstone

Company Official Title Permitting Manager

Subscribed and sworn before me this 17th day of July, 2019

Lori L. Walker Notary Public

My commission expires February 23, 2023

Commonwealth of Pennsylvania - Notary Seal
Lori L. Walker, Notary Public
Greene County
My commission expires February 23, 2023
Commission number 1260781
Member, Pennsylvania Association of Notaries

Proposed Revegetation Treatment: Acres Disturbed less than 1 acre Prevegetation pH _____

Lime 2-3 Tons/acre or to correct to pH _____

Fertilizer type 10-20-20 or equivalent

Fertilizer amount 500 lbs/acre

Mulch hay or straw 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Tall Fescue	40	Tall Fescue	40
Landino Clover	5	Landino Clover	5
_____	_____	_____	_____

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: S. D. Wainwright

Comments: _____

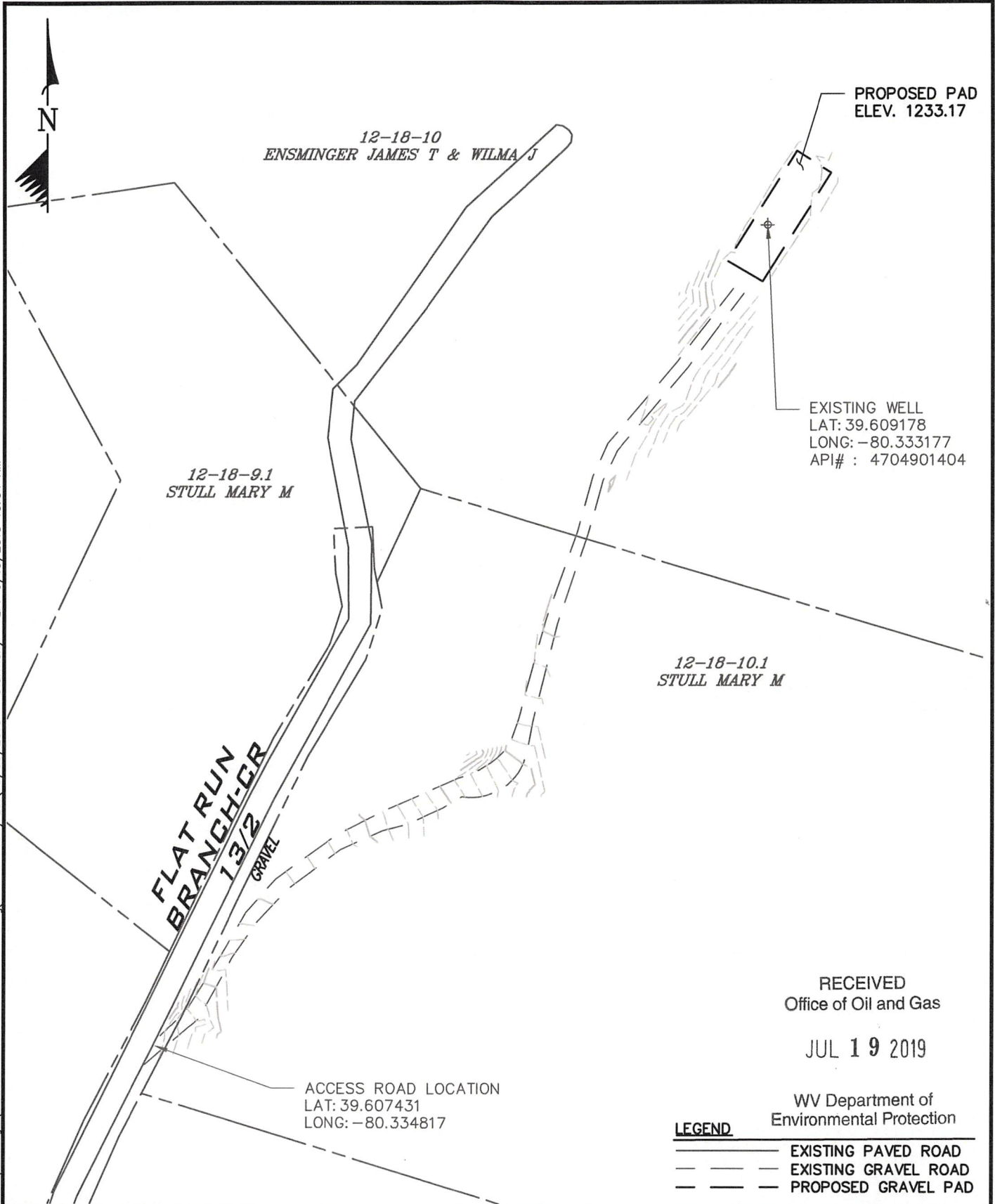
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WV Department of
Environmental Protection

Title: COG Inspector Date: 7/11/19

Field Reviewed? () Yes (X) No



T:\2019\19039-018\Cadd\Drawings\19039-018-PE01 Plan Sheets.dwg[SITE LAYOUT] LS:(19/06/2019 - bfurman) - LP: 6/19/2019 10:04 AM

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Environmental Protection

LEGEND

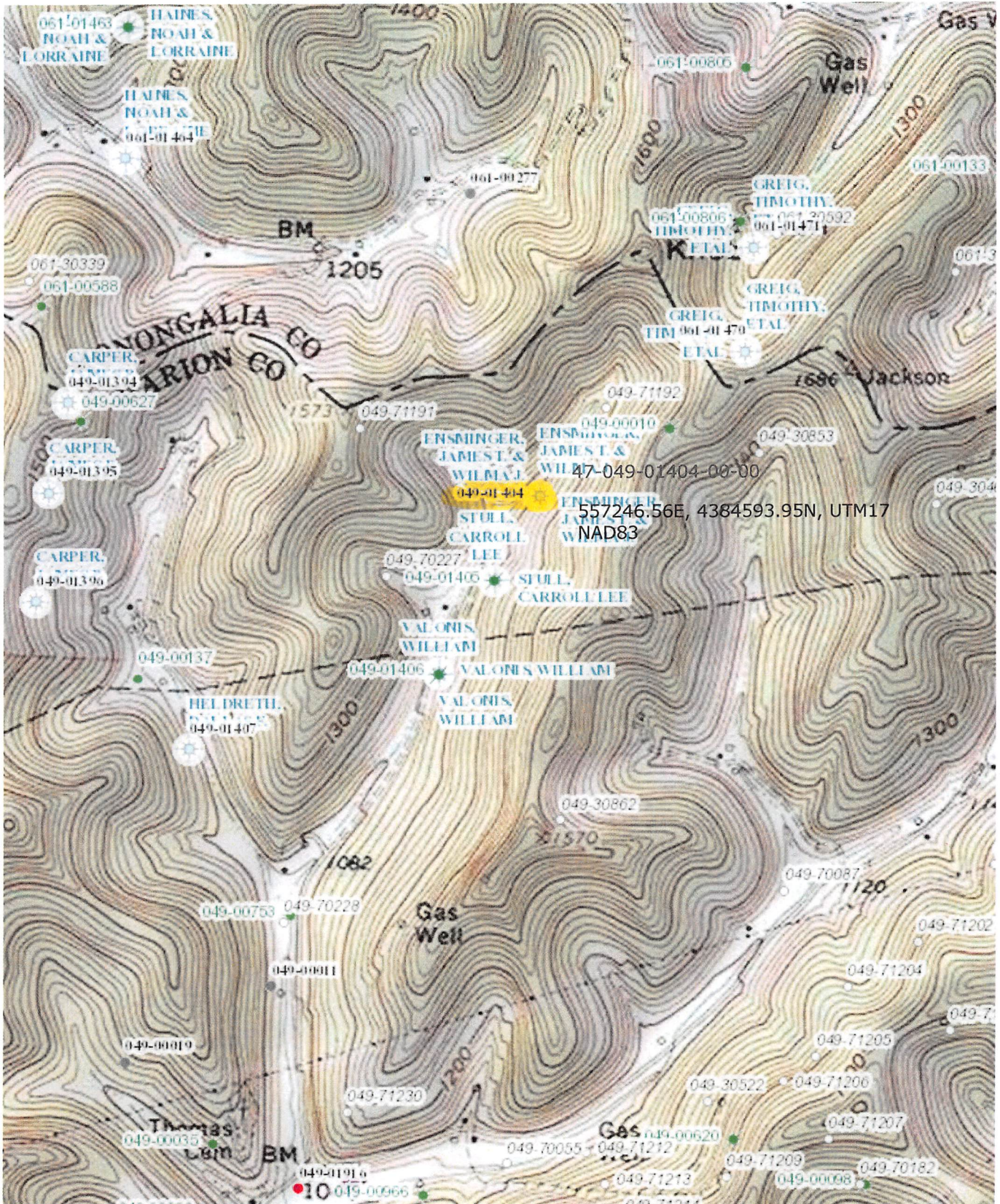
- EXISTING PAVED ROAD
- - - EXISTING GRAVEL ROAD
- - - PROPOSED GRAVEL PAD

KEYSTONE
CONSULTANTS, LLC
32 EAST MAIN STREET, CARNEGIE, PA 15106
Ph: (412) 278-2100 Fax: (304) 443-3964
www.keystoneconsultants.net

CNX
CNX GAS COMPANY, LLC
1000 CONSOL ENERGY DRIVE
CANONSBURG, PA 15317

DRAWN	BDF
CHECKED	STK
APPROVED	EAZ
SCALE	1" = 100'
DATE	6/18/2019

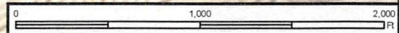
L38 WELL PLUGGING	
MANNINGTON DISTRICT, MARION COUNTY, WEST VIRGINIA	
SITE LAYOUT	
REVISION	DRAWING NO.






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JUL 19 2019


WV Department of Environmental Protection



LEGEND

-  Existing Well
-  Study Area
-  Roads
-  County Boundary

Prepared By:		
 www.keystoneconsultants.net 412-278-2100		
REV	DESCRIPTION	DATE
DWN BY: GDM	APR BY: RDM	DATE: 4/11/2019



**L38 Well Plugging
Site Location Topographic Map**

Marion County, WV

DRAWING NUMBER: 001

SCALE: 1" = 1,000 feet SHEET: 1 OF 2

BASEMAP: USGS TOPOGRAPHIC QUADRANGLE MANNINGTON, WV
 Roads: West Virginia Department of Transportation (WVDOT) <https://transportation.wv.gov>

WW-7
8-30-06



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

API: 47-049-01404 WELL NO.: L-38

FARM NAME: Ensminger

RESPONSIBLE PARTY NAME: Erika Whetstone

COUNTY: Marion DISTRICT: Mannington

QUADRANGLE: Mannington

SURFACE OWNER: James T and Wilma J Ensminger

ROYALTY OWNER: _____

UTM GPS NORTHING: 557246.56

UTM GPS EASTING: 4384593.95 GPS ELEVATION: 375.91 m/1233.17 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:

1. Datum: NAD 1983, Zone: 17 North, 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 X: Post Processed Differential X
Real-Time Differential _____
4. **Letter size copy of the topography map showing the well location.**

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JUL 19 2019

WV Department of
Environmental Protection

If 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.

Erika Whetstone
Signature

Permitting Manager
Title

7/17/19
Date