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

Earl Ray Tomblin , Governor
Randy C. Huffman , Cabinet Secretary
www.dep.wv.gov

Thursday, October 13, 2016
WELL WORK PERMIT
Vertical / Plugging

CNX GAS COMPANY LLC
POST OFFICE BOX 1248

JANE LEW, WV 263786506

Re: Permit approval for 6277
47-047-01796-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: 6277
Farm Name: MEGA MINERALS, INC.
U.S. WELL NUMBER: 47-047-01796-00-00
Vertical / Plugging
Date Issued: 10/13/2016

Promoting a healthy environment.

4701796P

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.

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WW-4B
Rev. 2/01

1) Date _____, 20_____
2) Operator's Well No. 6277
3) API Well No. 47- 047 - 01796

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 ____ or Underground storage ____) Deep ____/ Shallow X

5) Location: Elevation 2315 ft. Watershed Leslie Branch of Tug Fork
District Adkin County McDowell Quadrangle Keystone

6) Well Operator CNX Gas Company LLC
Address 627 Claypool Hill Mall Road
Cedar Bluff, VA 24609

7) Designated Agent Anthony Kendziora
Address One Dominion Drive
Jane Lew, WV 26378

8) Oil and Gas Inspector to be notified
Name Brian Ferguson BKF
Address 708 Manor Drive
Beckley, WV 25801

9) Plugging Contractor
Name Skyline Contracting, Inc.
Address PO Box 663
Oakwood, VA 24631

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

see attached plugging procedure

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

Work order approved by inspector Brian K Ferguson Date 9/13/16
BRIAN K FERGUSON

4701796P

BKF

API 47-047-01796 Plugging Procedure

Well # 6277

1. Move in rig up and verify TD (4800')

2. Run tubing to established ~~TD~~ PBTD and set Class A 3% CaCl plug from established ~~TD~~ PBTD to approximately 300' above the top perforations (approx. 2300').

3. Pump 100' 6% gel plug from 2300' to 2200'.

4. Pump Class A 3% CaCl cement from 2200' to approx. 1800'. (Drilling records show 4-1/2" casing to be cemented in to 1800'.)

5. Cut 4-1/2" casing at 1800' and pump Class A cement to surface while pulling the casing. (Records show the 7" casing to be cemented to surface).

6. ~~Install 4-1/2" X 4' steel monument with API# and Date.~~

SEE ATTACHED DOCUMENT FOR PERMANENT MARKER CONSTRUCTION.

35 CSR 4

5.5 b.

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should contain the name, address and telephone number of the person filing the comment, the well operator's name and well number, and the approximate location of the proposed well site including district and county as indicated in the permit application. Comments may be accompanied by other pertinent documents in support of the comment. Other than as prescribed in this rule, no particular form for the comment is prescribed.

5.5. Identification Markings.

5.5.a. Every well shall have attached or stamped, in a permanent manner, the API identification number which consists of the state (47), county (001 through 109), and permit number. Such number shall be no less than one-half (1/2) inch in height and detectable by any interested person approaching the well. Any additional information the well operator may desire to display may be incorporated in the permanent identification plat or stamp in such a manner that it will not confuse or distort the permanent API identification number.

5.5.b. Except as provided below, upon the completion of the plugging and filling of any abandoned well, a permanent monument or marker consisting of a length of pipe (minimum diameter size six (6) inches) filled with concrete (or the equivalent thereof if approved by the Chief) shall be erected over the well; the marker shall extend no less than thirty (30) inches above the surface and not less than ten (10) feet below the surface and into the well, and shall be sealed with concrete for the purpose of making the marker permanent. The API well identification number which consists of the state (47), county (001 through 109), and permit number shall be attached or stamped in a permanent manner to said monument; and such numbering shall be no less than one half (1/2) inch in height and detectable by any interested person approaching the marker. The erection of the marker shall in no way interfere with the bleeder pipe from the well where such pipe is required, or the vent or other device installed pursuant to W. Va. Code § 22-6-24. Such manner shall be accurately described on Form WR-38, "Affidavit of Plugging and Filling Well" (*see* subsection 13.10 below) as to time and manner of plugging and filling the well, and shall be approved by the Chief as a satisfactory landmark that may be used as such in the location of adjacent wells. Two (2) permanent reference points with courses and distances from the abandoned well shall be designated and prescribed on the plat required by subdivision 5.2.d above in the form prescribed by section 9 below, accompanying Form WW-4, "Notice of Intention to Plug and Abandon a Well," if any change in the plat is necessary, accompanying Form IV-38, "Affidavit of Plugging and Filling Well" (*see* subsection 13.10 below).

5.6. Parties Responsible. All contractors and drillers, including all service companies carrying on business or doing work in oil and gas fields in West Virginia, as well as lease holders and operators generally, shall take notice of and are hereby directed to observe and apply the provisions of W. Va. Code § 22-6 and this rule; and all contractors, drillers, service companies and operators shall be held responsible for violations thereof.

5.7. Evidence of Performance.

5.7.a. After the completion of the work authorized to be done by any permit required by W. Va. Code § 22-6-6, the permittee shall comply with filing requirements of W. Va. Code § 22-6-22 and section 12 of this rule.

5.7.b. In addition to the requirements of subdivision 5.7.a, following completion of plugging a well, the permittee shall also comply with the affidavit requirements of W. Va. Code § 22-6-23 and subsection 13.10 below.

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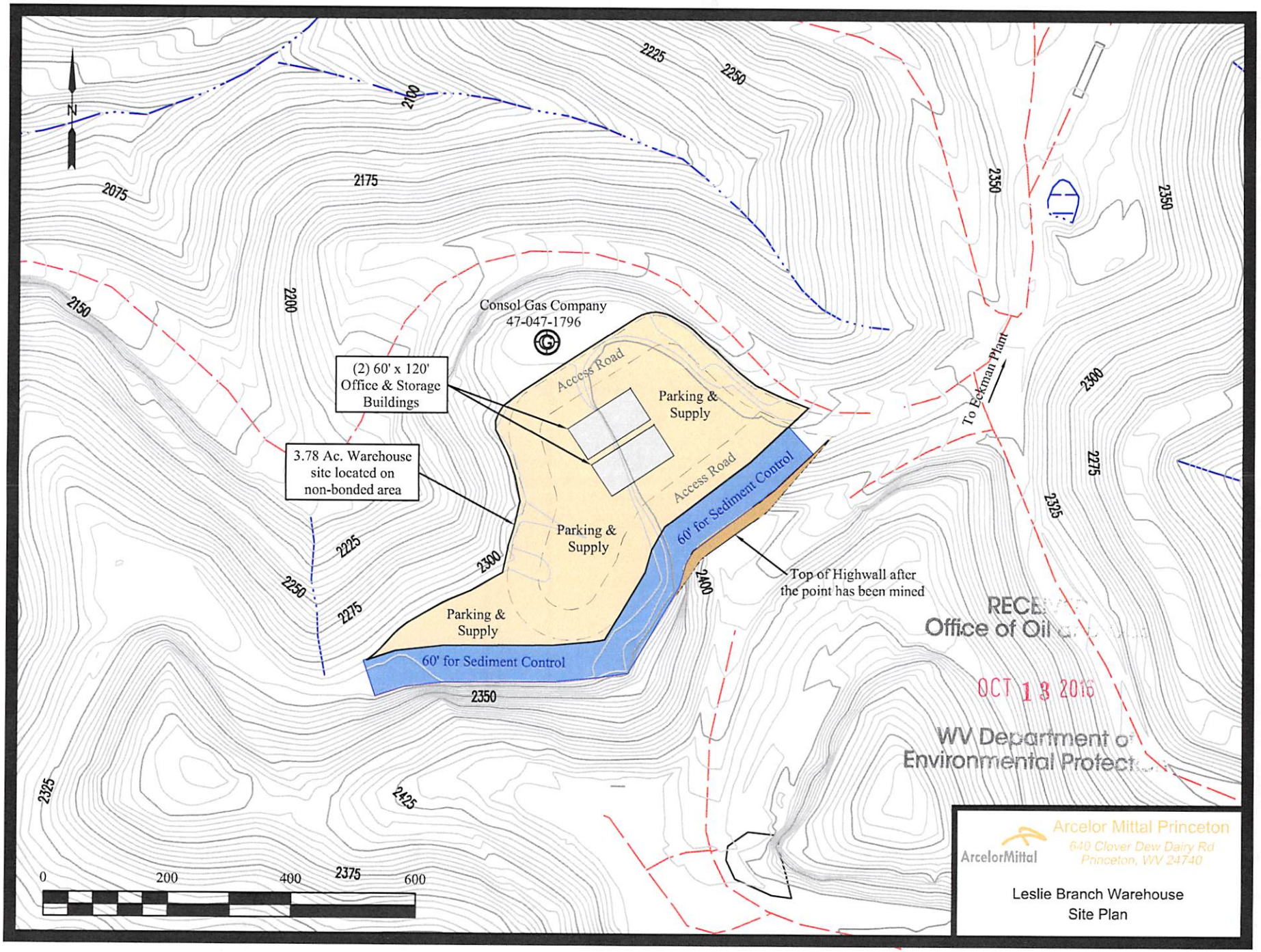

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OCT 13 2016
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WR-35 DATE:08/26/2003

Rev (5-01) API # : 47 047 01796

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

Well Operator's Report of Well Work

Farm name: Mega Minerals, Inc. Operator Well No.: 6277

LOCATION: Elevation: 2315.27' Quadrangle: Keystone , WV 7.5

District: Adkins County: McDowell
Latitude: 12,998 Feet South of 37 Deg. 25 Min. 00 Sec.
Longitude 4991 Feet West of 81 Deg. 27 Min. 30 Sec.

Company: Dominion Exploration & Production, Inc

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P O Box 1248				
Jane Lew, WV 26378				
Agent: Rodney J. Biggs				
Inspector: Ronald Scott				
Date Permit Issued: 05/07/03				
Date Well Work Commenced: 07/24/03	12 ¾"	20'	20'	Sand In
Date Well Work Completed: 08/07/03				
Verbal Plugging: N/A	9 5/8"	135'	135'	75 sks
Date Permission granted on: N/A				
Rotary X Cable Rig	7"	928'	928'	180 sks
Total Depth (feet): 4811'				
Fresh Water Depth (ft.): 85', 320'	4 ½"	4805'	4805'	160 sks
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 95-97', 175-177', 230-233', 470-473', 535-538'				

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OPEN FLOW DATA

Producing formation Berea Weir Pay zone depth (ft) 4706-4716' 4114-4124'
Gas: Initial open flow 286 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 712 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 12 Hours
Static rock Pressure 430 psig (surface pressure) after 12 Hours

Second producing formation Big Lime Maxon Pay zone depth (ft) 3510-3516' 2608-2618'
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

* COMMINGLED

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: Rod Biggs
By: Rodney J. Biggs
Date: 8/28/03

4701796p

WELL DEPI 6277

08/07/2003 PLAN TO PERF AND FRAC TODAY WITH FISHER AND BJ.
4 STG FRAC . BEREA 4706' - 4716' (21 HOLES) - 70Q BREAKDOWN @ 20 BPM, BDP HYD, FLUID 26 BBL, 45,000 SCF N2, PUMPED 500 GAL 15% HCL FOR BD OF 2ND STG. WEIR (PRICE) 4114' - 4124' (22 HOLES) - 70Q FOAM FRAC - 25,100 LB 20/40 SAND, 113 BBL FLUID, 204,000 SCF N2, BDP HYD, ATP 1330#, AIR
20 BPM, PUMPED 500 GAL 28% HCL FOR BD ON 3RD STG. BIG LIME 3510' - 3516' (13 HOLES) - ACID FRAC W/
N2 ASSIST - 2000 GAL 28% HCL, 66 BBL FLUID, 39,000 SCF N2, ATP 660#, AIR 12 BPM, PUMPED 500 GAL 15%
HCL FOR BD ON 4TH STG. MAXON 2608' - 2618' (21 HOLES) - 70Q FOAM FRAC - 20,900 LB 20/40 SAND, 105 BBL
FLUID, 201,000 SCF N2, ATP 1650#, AIR 20 BPM, ISIP 1280#, 5MIN 995#.

Overburdon	0	15
Sandstone	15	30
Sandy shale	30	95
Coal	95	97
Sandstone	97	168
Sandstone	168	175
Coal	175	177
Sandy shale	177	230
Coal	230	233
Sandy shale	233	420
Sandy shale	420	470
Coal	470	473
Sandstone	475	535
Coal	535	538
Sandstone	538	965
RR	965	1020
Sandy shale	1020	1130
Sandsotne	1130	1250

FORMATION TOPS

Pride Shale	1235	1348
Middle Ravencliff	1457	1490
Avis Lime	1661	1707
Upper Maxton	2255	2324
Middle Maxton	2584	2630
Lower Maxton	2760	2819
Little Lime	2922	3243
Big Lime	3243	3951
Price FM	3951	4706
Weir SS	4324	4358
Sunbury Shale	4660	4706
Berea SS	4706	4717
LTD		4811'

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WW-4A
Revised 6-07

1) Date:
2) Operator's Well Number 6277

3) API Well No.: 47 - 047 - 01796

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE 0F APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served:
(a) Name: Imperial Resources LLC
Address: 640 Clover Dew Dairy Road
Princeton, WV 24740

(b) Name
Address

(c) Name
Address

5) (a) Coal Operator
Name
Address

(b) Coal Owner(s) with Declaration
Name: same as surface (fee owner)
Address

Name
Address

(c) Coal Lessee with Declaration
Name
Address

6) Inspector: Brian Ferguson BKF
Address: 708 Manor Drive
Beckley, WV 25801
Telephone: ~~304-382-8492~~ 304-550-6265

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: [signature]
Its: Permitting Manager
Address: 627 Claypool Hill Mall Road
Cedar Bluff, VA 24609
Telephone: 276-596-5137

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Subscribed and sworn before me this 13th day of September, 2016
Sara M. Micoli Notary Public
My Commission Expires 3/11/19

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Sara M. Micoli, Notary Public
Cecil Twp., Washington County
My Commission Expires March 11, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

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 depprivacyoffier@wv.gov.

4701796 P

WW-9
(5/16)

API Number 47 - 047 - 01796
Operator's Well No. 6277

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) 0507020102 Quadrangle Keystone

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 2D0550319)
- ____ Reuse (at API Number _____)
- ____ Off Site Disposal (Supply form WW-9 for disposal location)
- ____ Other (Explain _____

Will closed loop systembe used? If so, describe: flow back tank truck will contain all liquid for proper disposal.

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

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

Additives to be used in drilling medium? _____

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

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

-Landfill or offsite name/permit number? _____

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.

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Company Official Signature [signature]

Company Official (Typed Name) Matt Hanley

Company Official Title Manager of Gas Permitting Southern Region

Subscribed and sworn before me this 13th day of September, 2016

Sara M. Micoli Notary Public

My commission expires 3/11/19

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Sara M. Micoli, Notary Public
Cecil Twp., Washington County
My Commission Expires March 11, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

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Form WW-9

Operator's Well No. 6277

Proposed Revegetation Treatment: Acres Disturbed 2.0 Prevegetation pH to be determined

Lime based on pH Tons/acre or to correct to pH 7

Fertilizer type 10-20-20

Fertilizer amount 550 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Orchard grass	25		
Birdsfoot trefoil	15		
Lidino clover	10		

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: [signature]

Comments:

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Title: Oil & Gas Inspector Date: 9/13/16

Field Reviewed? (X) Yes ( ) No

47 01796 P

WW-9- GPP
Rev. 5/16

API Number 47 - 047 - 01796
Operator's Well No. 6277

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

Operator Name: CNX Gas Company LLC

Watershed (HUC 10): 0507020102 Quad: Keystone

Farm Name: Mega Minerals – Imperial Resources LLC

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

N/A, All water will be contained in closed loop system.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

N/A

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

Tug Fork - 13,100 ft.

4. Summarize all activities at your facility that are already regulated for groundwater protection.

All well head work-over and plugging crews, are trained in spill prevention, control and countermeasures, when using potentially hazardous products, in the vicinity of well sites.

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5. Discuss any existing groundwater quality data for your facility or an adjacent property.

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WW-9- GPP
Rev. 5/16

API Number 47 - 047 - 01796
Operator's Well No. 6277

N/A

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

All water/liquid material from the well plugging will be transported off site to a regulated underground injection well.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

Erosion and sediment controls in the form of silt fence, straw bales or a combination of the two will be utilized. Employees will be instructed on proper procedures prior to any construction. Pre shift inspections will be performed each work day to ensure compliance with groundwater protection.

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Pre shift inspections will be performed each work day to ensure compliance with groundwater protection.

Signature: [signature]

Date: 9/14/16

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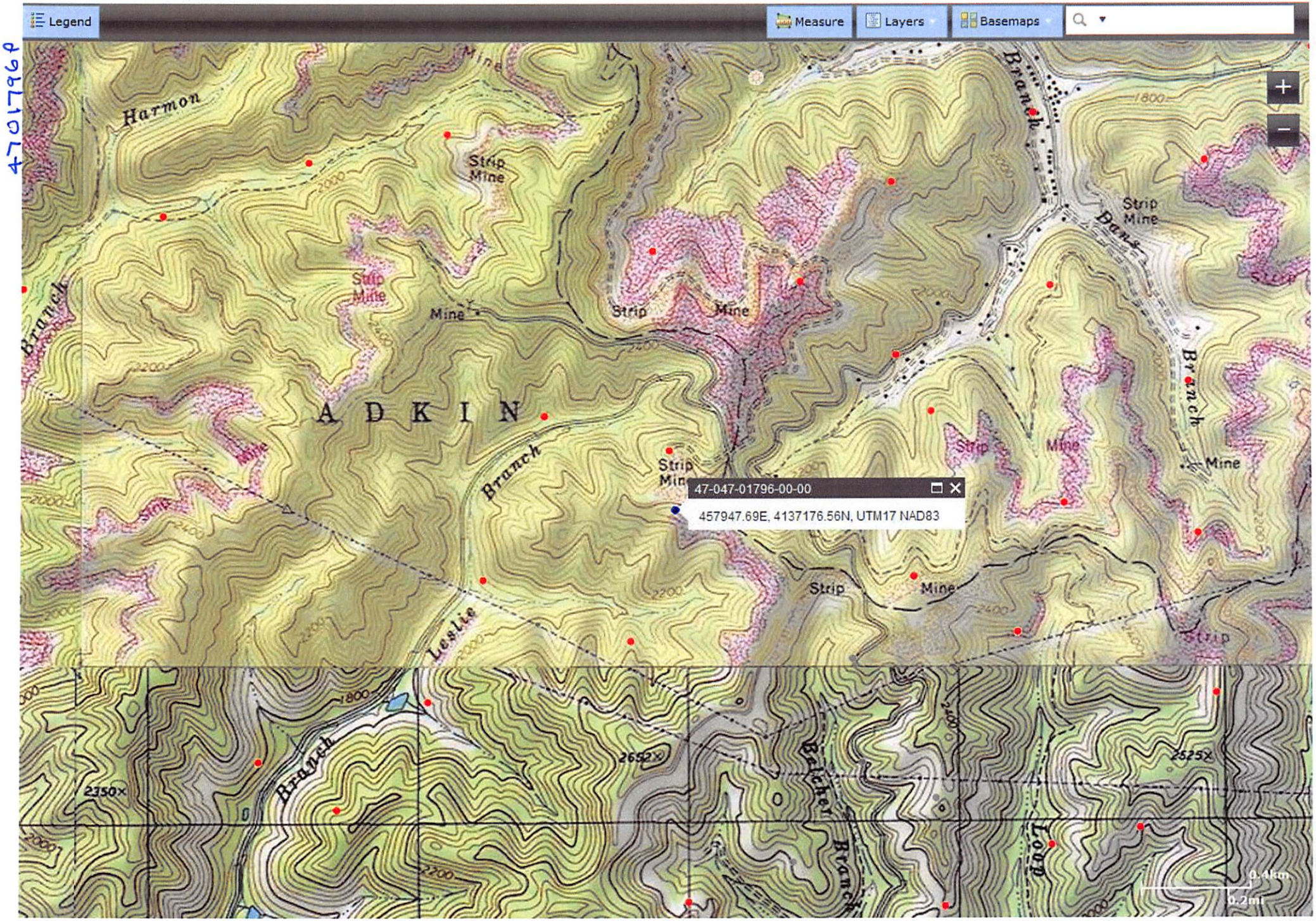
Legend
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Strip
Mine
Strip
Leslie
Branch
Branch
Belcher
Branch
Loop
47-047-01796-00-00
457947.69E, 4137176.56N, UTM17 NAD83
2350×
2652×
2525×
0.4km
0.2mi

47017964

Latitude 37°25'00"N

47 01796A

Longitude 81°27'30"W

12545'

Mega Minerals, Inc.
TM 274 Par 2

DEPI 6277
Location
WVS NAD27 Grid
N: 139,530.838'
E: 1,861,906.587'
Lat: N37°22'56.0"
Long: W81°28'30.9"

Roof Bolt 44
Found

1476

1499

1737

1548

1549

2,400

1709

Pocahontas Land Corp.
TM 393 Par 1

1592

1691

1711

Axle
Found

Axle
Found

Pocahontas Land Corp.
TM 294 Par 2

WVS Grid North
NAD 27

Keyed Lines

(A) S23°48'29"E 828.87'
(B) S23°41'29"E 4685.65'
(C) S48°27'25"E 529.77'
(1) N18°23'07"W 3637.27'
(2) N13°36'42"W 3189.87'
(3) N36°57'50"W 2439.03'
(4) N75°31'15"W 1609.89'

7 1/2' Topo
Location

Mega Minerals, Inc.
TM 274 Par 2

Insert
Scale: 1"= 100'

Keyed Lines
(1) N69°E 180.3'
(2) S17°E 73.9'
(3) S54°W 121.9'

RP-1
Nail in
13-in Poplar

DEPI 6277
Location

RP-2
Nail in
14-in Fkd.
Poplar

RP-3
Nail in
11-in Locust

Note: All reference distances are slope measurements

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

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SEP 16 2003
Environmental Protection

Benchmark Surveying, Inc.
Suite 4 50 Caney Branch Road
Chapmanville, WV 25508
Phone: 304-855-7646 Fax: 304-855-7647

FILE NO. 2003-028
DRAWING NO. 2003-028 Dominion Exploration Keystone Wells in Welch Area
SCALE 1"= 2000
MINIMUM DEGREE OF ACCURACY 1: 2500
PROVEN SOURCE OF ELEVATION CGS Mon C195
NAVD '88 Elev.=2111.83'

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 DEPARTMENT OF ENVIRONMENTAL PROTECTION.
(SIGNED) John S Traer
R.P.E. _____ P.S. 1843

John S. Traer
Licensed
No. 1843
State Of
West Virginia
Professional Surveyor
SEAL

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

DATE May 15th, 2003
OPERATOR'S WELL NO. DEPI 6277
API WELL NO.
47 - 047 - 01796
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 2315.27 WATER SHED Head waters of Leslie Branch of the Tug Fork River
DISTRICT Adkins COUNTY McDowell
QUADRANGLE Keystone, WV 7.5 Min. Quadrangle
SURFACE OWNER Mega Minerals, Inc. ACREAGE 616.92 Acres
OIL & GAS ROYALTY OWNER Consolidation Coal Company LEASE ACREAGE 6,000 Acres
LEASE NO. 56443
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION Berea 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

FORM WW-6

McDowell COUNTY NAME
1796 PERMIT

paper copy

4701796P

WW-7
8-30-06

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

API: 47-047-01796 **WELL NO.:** 6277

FARM NAME: Mega Minerals, Inc.

RESPONSIBLE PARTY NAME: CNX Gas Company LLC

COUNTY: McDowell **DISTRICT:** Adkin

QUADRANGLE: Keystone

SURFACE OWNER: Imperial Resources LLC

ROYALTY OWNER: Imperial Resources LLC

UTM GPS NORTHING: 4,137,176.56 m.

UTM GPS EASTING: 457,947.69 m. **GPS ELEVATION:** 2315 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 _____

Real-Time Differential X

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.

RECEIVED
Office of Oil and Gas
SEP 20 2016
WV Department of Environmental Protection

Signature | Foreman Production Title | 9/14/16 Date