



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

Jim Justice , Governor
Austin Caperton , Cabinet Secretary
www.dep.wv.gov

Wednesday, August 16, 2017
WELL WORK PERMIT
Vertical / Plugging

CNX GAS COMPANY LLC
POST OFFICE BOX 1248

JANE LEW, WV 263786506

Re: Permit approval for A-153
47-041-00792-00-00

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: A-153
Farm Name: TAYLOR
U.S. WELL NUMBER: 47-041-00792-00-00
Vertical / Plugging
Date Issued: 8/16/2017

Promoting a healthy environment.

08/18/2017

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 _____, 2017
2) Operator's
Well No. 10606
3) API Well No. 47-041 - 00792

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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

4) Well Type: Oil ____/ Gas x/ Liquid injection ____/ Waste disposal ____/
(If "Gas, Production x or Underground storage ____) Deep ____/ Shallowx

5) Location: Elevation 1271.52 Watershed Stonecoal Creek
District Hackers Creek County Lewis Quadrangle Weston

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 Barry Stollings Name Coastal Drilling East LLC
Address 28 Conifer Drive Address 70 Gums Springs Road
Bridgeport, WV 26330 Morgantown, WV 26508

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

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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 Barry Stollings Date 7-20-17

Taylor #10606

Hackers Creek, Lewis County, WV
 Original Completion: 09/29/1962
 API# 47-041-00792
 Elevation = 1279'

Procedure:

1. Load Hole/Kill Well. Pump 6% gel if necessary
2. Pull 1 ½" Tubing out of the well
3. RIH with Sinker Bar/CCL to verify TD and 3 ½" casing depth (TD@4700') (3 1/2" Casing @ 4659')
4. Attempt to pull 3 ½" Casing (4659')
 - a. If unable to pull run bond long/free point and cut where free
5. TIH with 2 3/8" Workstring and set Class A Cement Plug from TD to 2525'
6. Verify TOC
7. Attempt to pull 7" Casing (2492')
 - a. If unable to pull run bond long/free point and cut where free
8. TIH with 2 3/8" Workstring to TOC and set Class A Cement Plug from TOC to 1065'
9. Verify TOC
10. Attempt to pull 10" Casing (560')
 - a. If unable to pull run bond long/free point and cut where free
11. TIH to TOC and set Class A Cement Plug from TOC to Surface'
12. Install monument with Well Name, API#, & Company Name. Monument must extend 30" min. above ground level and be 6" in diameter.

3" CASING CEMENTED W/ 60 SKS.
 TOC ≈ 3900'

≈ 3900'

→ Attempt to cut + pull all 8 1/4" casing - cement across cut

NOTE: All Cement plugs will be Class A Cement, All Spacers between wells will be 6% Gel, Any casing unable to be recovered will be perforated every 100' with 4 shots and 100' cement plugs will be set to cover all cut points.

If it becomes necessary to deviate from this method, approval from the WV DEP Oil & Gas Division will be obtained before proceeding.

Work Order approved by Inspector: Benny Stiles Date: 7-20-17

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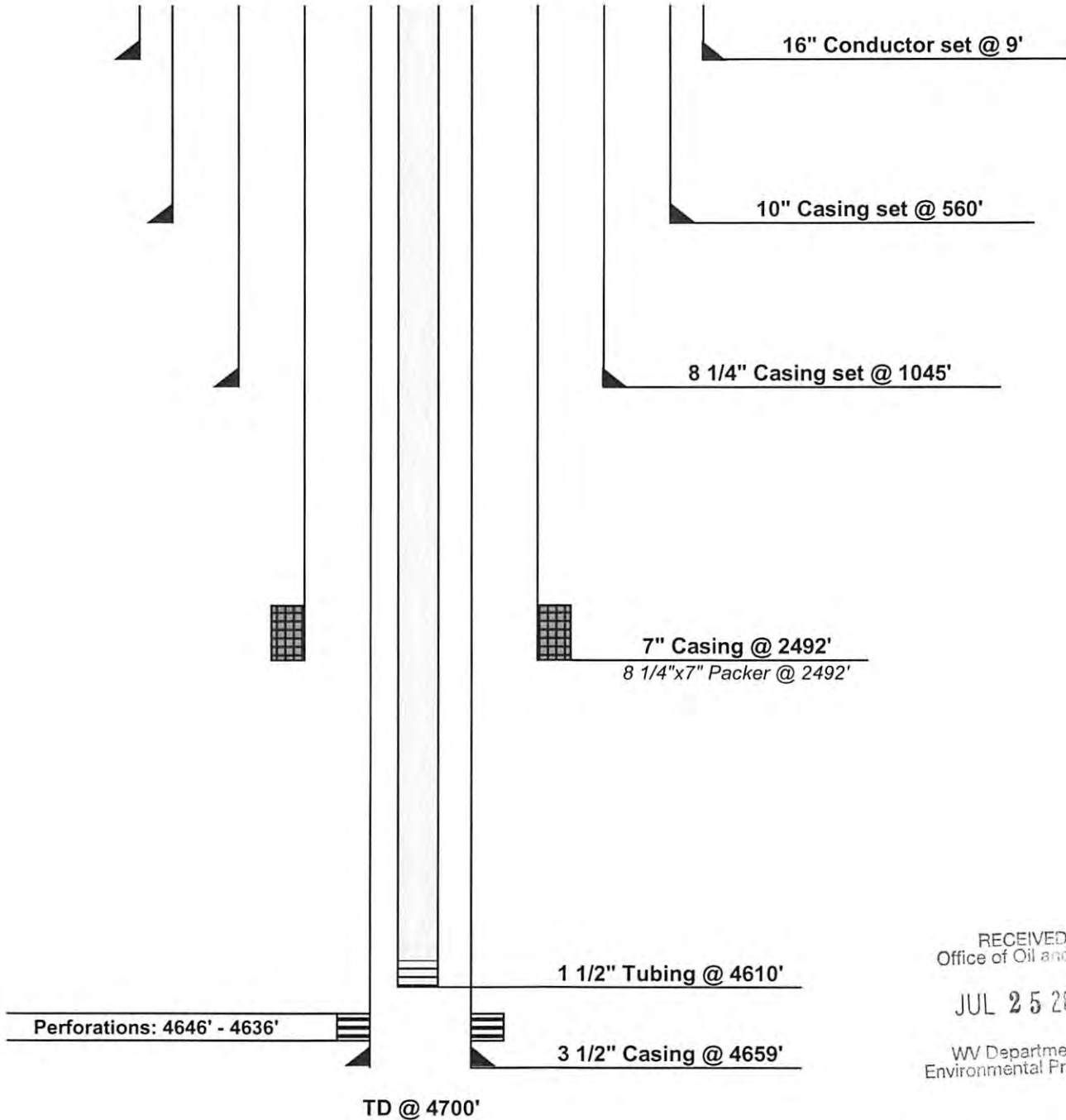
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Taylor #10606
Hackers Creek, Lewis County, WV

Original Completion : 09/29/1962

API #: 47-041-00792

Elevation = 1279'



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3" CASING CEMENTED WITH 60 SKS,
APPEARS TO C IS 3900'

08/18/2017

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Weston

WELL RECORD

Permit No. Law-792 D

Oil or Gas Well Gas
(KIND)

Company Allegheny Land & Mineral Co.
Address Clarksburg, W.Va.
Farm C.B. Taylor Acres 61.91
Location (waters) _____
Well No. A-153 Elev. 1279
District Hackers Creek County Lewis
The surface of tract is owned in fee by C.B. Taylor
Address Weston, W.Va.
Mineral rights are owned by Same
Address _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	9'	9'	Kind of Packer
13			
10	560'		Size of
8 3/4	1045'		
6 3/4	2492'		Depth set
5 3/16	2639'		
3	4700'	4700'	Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced May 9, 1962
Drilling completed Sept 29, 1962
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume 10,000 Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____

CASING CEMENTED 3" SIZE 800 No. Ft. 10-1-63 Date
60 bags cement 1 bag aquajel - Dowell
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

WELL FRACTURED Oct. 11, 1962 By Dowell - Water, sand, acid.
RESULT AFTER TREATMENT 8" Spring gauge 3" 4,000 M
ROCK PRESSURE AFTER TREATMENT 1800# 144 hr.
Fresh Water _____ Feet _____ Salt Water _____ Feet _____

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Started drilling deeper at				2516			
Gordon Sand			2505	2557			
Slate			2557	2634			
Sandy lime shells			2634	3220			
Slate & shells			3220	3340			
Lime shells			3340	3730			
Slate & shells			3730	4072			
Sand (Oily)			4072	4085			
Slate & shells			4085	4410			
Sandy shells			4410	4630			
Benson sand			4630	4650	Gas	4634-4639	10,000 cu ft
Lime shells			4650	4700			
Total depth				4700			

3" tubing perforated:
4636 -- 3 Trijet shots
4636 1/2 - 3 " "
4645 - 3 " "
4646 - 3 " "



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 12

Quadrangle Weston

WELL RECORD

Permit No. Law- 792

Oil or Gas Well Gas
(KIND)

Company Allegheny Land & Mineral Co.
 Address Clarksburg, W.Va.
 Farm C.E. Taylor Acres 61.91
 Location (waters) _____
 Well No. A-153 Elev. 1279
 District Hackers Creek County Lewis
 The surface of tract is owned in fee by C.E. Taylor
 Address Weston, W.Va.
 Mineral rights are owned by Same
 Address _____
 Drilling commenced August 31, 1961
 Drilling completed Nov. 7, 1961
 Date Shot From _____ To _____
 With _____
 Open Flow 5# Spring gauge 2" Inch
 /10ths Merc. in. _____ Inch
 Volume 2,130,000 Cu. Ft.
 Rock Pressure 820 lbs. 72 hrs.
 Oil _____ bbls., 1st 24 hrs.
 WELL ACIDIZED _____
 WELL FRACTURED Not fractured

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	9'	9'	Kind of Packer _____
13			<u>Hook Well</u>
10	560'	560'	Size of <u>8 1/2" x 7"</u>
8 1/2	1045'	1045'	
6 1/2	2492'	2492'	Depth set <u>2492</u>
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED None cemented SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES
 _____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT
 Fresh Water Hole full Feet 520 Salt Water XXXX Feet 1010
1020

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Soil			0	5			
Clay			5	55			
Slate			55	70			
Red Rock			70	80			
Clay			80	90	Water	90	Hole full
Slate			90	95	Fresh-		
Clay			95	115			
Slate			115	121			
Coal Formation			121	124			
Slate			124	262			
Red Rock			262	275			
Lime			275	285			
Slate			284	290			
Red Rock			290	360			
Shells	Sandy		360	440			
Red Rock			440	488			
Sandy formation			488	545	Water	520	
Red Rock			545	610	Fresh		
Slate			610	630			
Red and Gray rock			630	695			
Lime shells			695	715			
Slate & shells			715	775			
Sand	Gray		775	832			
Lime			832	900			
Sand			900	960			
Slate	Dark		960	997			
Lime sandy			997	1000			
Sand			1000	1020	Water	1010	3 ballers per hour
Slate	Dark		1020	1055	Salty		1 baller per hour
Sand			1055	1110	Salty	1070	hour



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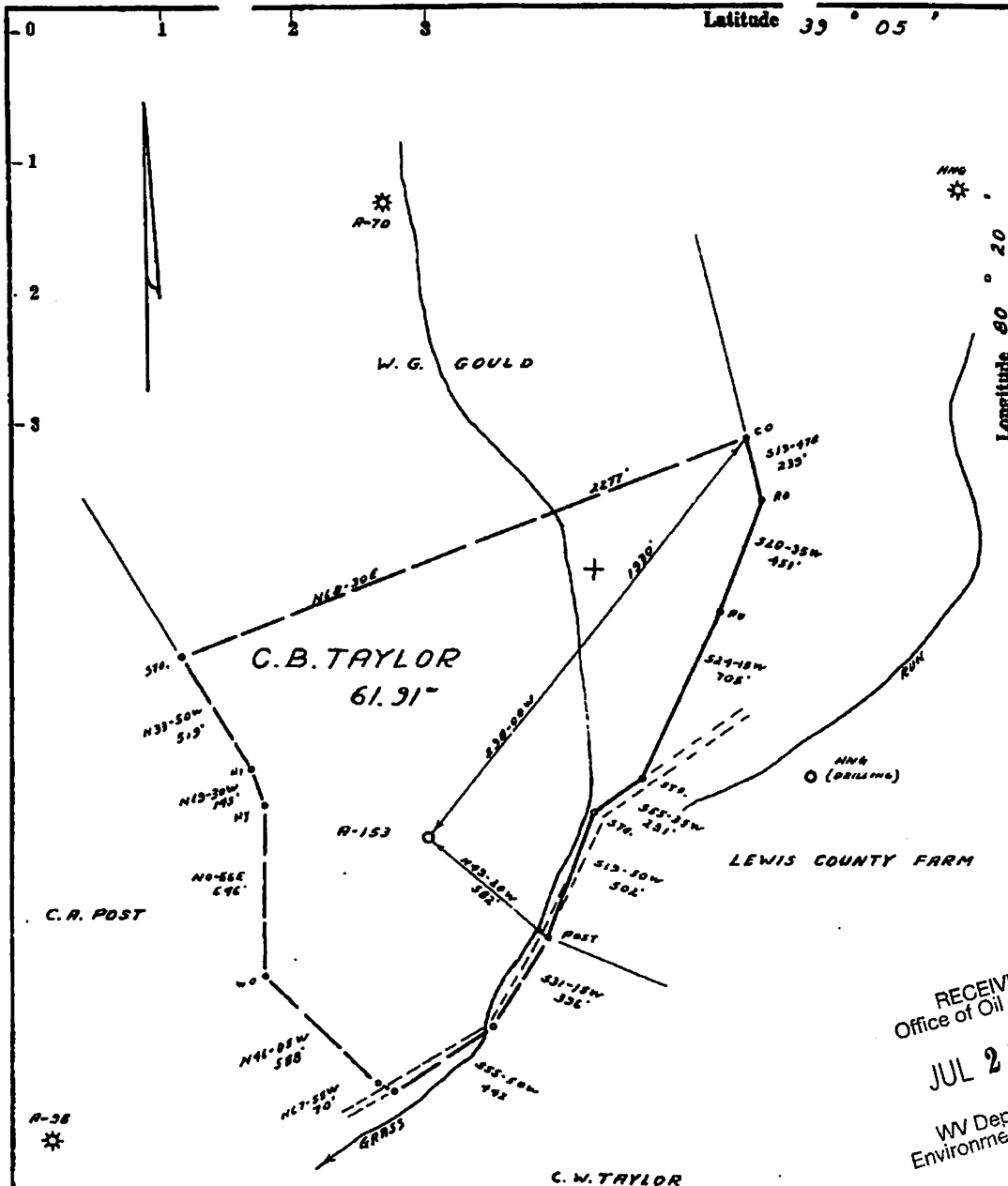
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Formation	Color	Hard or Soft	Top ¹²	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate			1110	1125			
Sand			1125	1200			
Slate			1200	1500			
Red Rock			1500	1531			
Lime shells			1531	1581			
Red Rock			1581	1690			
Lime			1690	1710			
Red and gray crack rock			1710	1721			
Sand			1721	1756			
Shale			1756	1772			
Lime			1772	1785			
Slate and shell			1785	1818			
Big Lime			1818	1910			
Injun			1910	2002			
Shale			2002	2004			
Sand			2004	2023			
Slate & shells			2023	2060			
Lime			2060	2075			
Lime shells			2075	2090			
Lime			2090	2102			
Slate			2102	2114			
Sand			2114	2158			
Slate & shell			2158	2188			
Sand			2188	2235	Gas 2195	2195-2202	Show
Slate			2235	2248			
Sand			2248	2260			
Slate			2260	2292			
Sand			2292	2312			
Slate			2312	2328			
Red Rock Shells			2328	2338			
Red Rock			2338	2428			
Sand			2428	2440			
Slate & shells			2440	2455			
Lime - Sandy			2455	2505			
Gordon sand			2505	2516			
Total depth				2516	Gas	2512-2516	5# 2" S.G.; 2,130 M

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Date November 9, 19 61
APPROVED Allegheny Land & Mineral Co., Owner
By Claron Dawson, Mahone, W. Va.
(Title)

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- Redrill.....
- New Location.
- Drill Deeper.....
- Abandonment.....

Company ALLEGHENY LAND & MINERAL CO.
 Address CLARKSBURG, W.VA.
 Farm CLIFFORD B. TAYLOR
 Tract _____ Acres 61.91 Lease No. _____
 Well (Farm) No. 1 Serial No. A-153
 Elevation (Spirit Level) 1279' VA.
 Quadrangle WESTON SW 1st
 County LEWIS District HACKERS CK.
 Engineer James Duffin
 Engineer's Registration No. 14084
 File No. 201/44 Drawing No. _____
 Date 6-24-61 Scale 1" = 500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
WELL LOCATION MAP
 FILE NO. LEW-792 D

+ Denotes location of well on United States Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border lines as shown.
 — Denotes one inch spaces on border line of original tracing.

RDM*

4100792P

WW-4A
Revised 6-07

1) Date: _____
2) Operator's Well Number
10606 _____
3) API Well No.: 47 - 041 - 00792

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

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4) Surface Owner(s) to be served:
(a) Name Sharon Beinecke
Address 6950 Ames Road
Parma, OH 44129
(b) Name _____
Address _____
(c) Name _____
Address _____
6) Inspector Barry Stollings
Address 28 Conifer Drive
Bridgeport, WV 26330
Telephone 304-552-4194

5) (a) Coal Operator
Name N/A
Address _____
(b) Coal Owner(s) with Declaration
Name Sharon Beinecke
Address 6950 Ames Road
Parma, OH 44129
(c) Coal Lessee with Declaration
Name N/A
Address _____

JUL 25 2017
WV Department of
Environmental Protection

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
NOTARIAL SEAL
Lori L. Walker, Notary Public
Richhill Twp., Greene County
My Commission Expires Feb. 23, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Well Operator CNX Gas Company, LLC
By: Erika Whetstone
Its: Permitting Supervisor
Address 1000 Consol Energy Drive
Canonsburg, PA 15370
Telephone (724) 485-4035

Subscribed and sworn before me this 12th day of July 2017
Lori L. Walker Notary Public
My Commission Expires February 23, 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 depprivacyoffier@wv.gov.

08/18/2017

4100792P

WW-9
(5/16)

API Number 47 - 041 - 00792
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) Stonecoal Creek Quadrangle Weston

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

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

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

-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.

Company Official Signature Erika Whetstone

Company Official (Typed Name) Erika Whetstone

Company Official Title Permitting Supervisor

Subscribed and sworn before me this 12th day of July, 2017

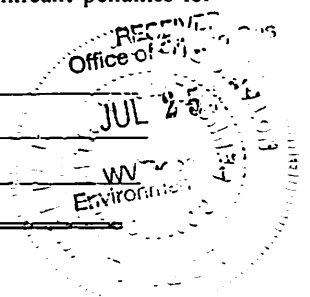
Lori L. Walker Notary Public

My commission expires February 23, 2019

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COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Lori L. Walker, Notary Public
Richhill Twp., Greene County
My Commission Expires Feb. 23, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

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Form WW-9

Operator's Well No. _____

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: Bary Stillege

Comments: _____

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Title: inspector Date: 7-20-17

Field Reviewed? () Yes () No

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

LEGEND

- — — — — - EXISTING ROAD
- ~~~~~ - EXISTING TREE LINE

CB TAYLOR 10606 WELL
 LAT: 39.022716°
 LONG: 80.391273°

ENTRANCE
 LAT: 39.020326°
 LONG: 80.391215°

GRASS RUN ROAD
 SPEED LIMIT 25
 (SR 119/19)

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DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY, LLC.

200 HALLAM ROAD

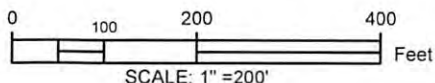
WASHINGTON, PA 15301

WATERSHED: STONECOAL CREEK

DISTRICT: HACKERS CREEK COUNTY: LEWIS

QUADRANGLE: WESTON WELL NO: 10606
 CB TAYLOR

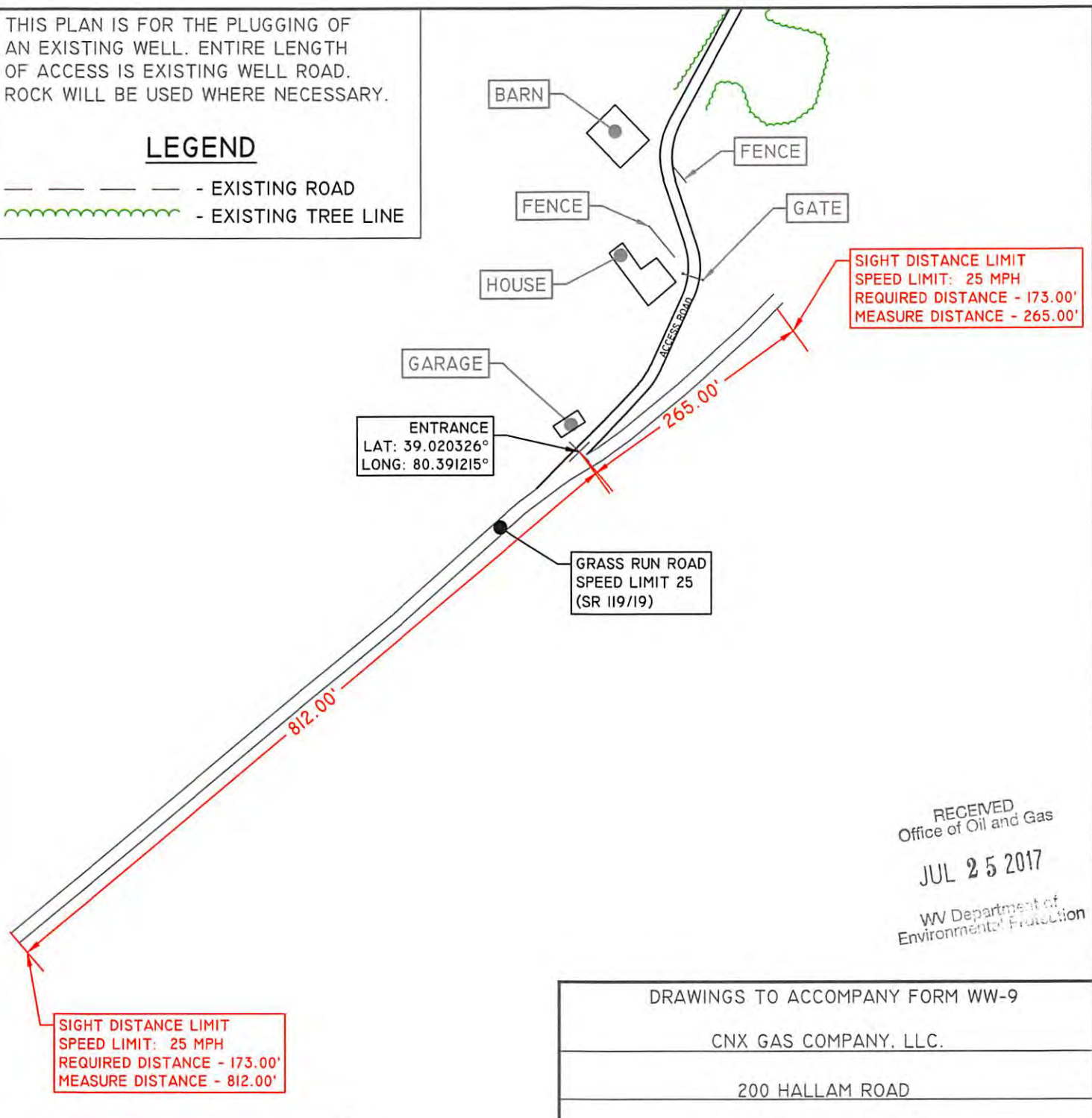
DATE: 07/06/2017 PAGE 1 OF 4



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

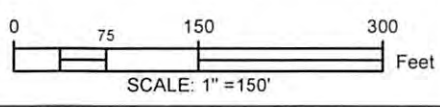
LEGEND

- - - - - EXISTING ROAD
- ~~~~~ EXISTING TREE LINE



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SIGHT DISTANCE LIMIT
SPEED LIMIT: 25 MPH
REQUIRED DISTANCE - 173.00'
MEASURE DISTANCE - 812.00'



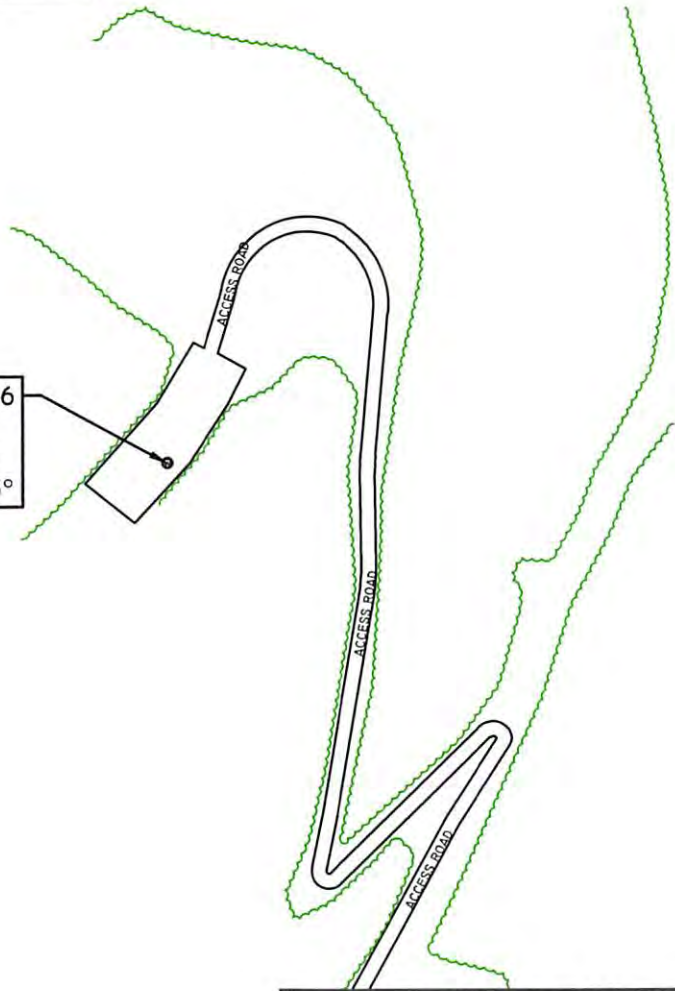
DRAWINGS TO ACCOMPANY FORM WW-9	
CNX GAS COMPANY, LLC.	
200 HALLAM ROAD	
WASHINGTON, PA 15301	
WATERSHED: <u>STONECOAL CREEK</u>	
DISTRICT: <u>HACKERS CREEK</u>	COUNTY: <u>LEWIS</u>
CB TAYLOR	
QUADRANGLE: <u>WESTON</u>	WELL NO: <u>10606</u>
DATE: <u>07/06/2017</u>	PAGE <u>2</u> OF <u>4</u>

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

LEGEND

- — — — — - EXISTING ROAD
- ~~~~~ - EXISTING TREE LINE

CB TAYLOR 10606
WELL
LAT: 39.022716°
LONG: 80.391273°



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DRAWINGS TO ACCOMPANY FORM WW-9

CNX GAS COMPANY, LLC.

200 HALLAM ROAD

WASHINGTON, PA 15301

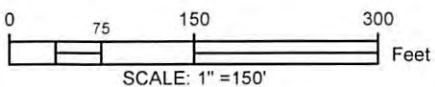
WATERSHED: STONECOAL CREEK

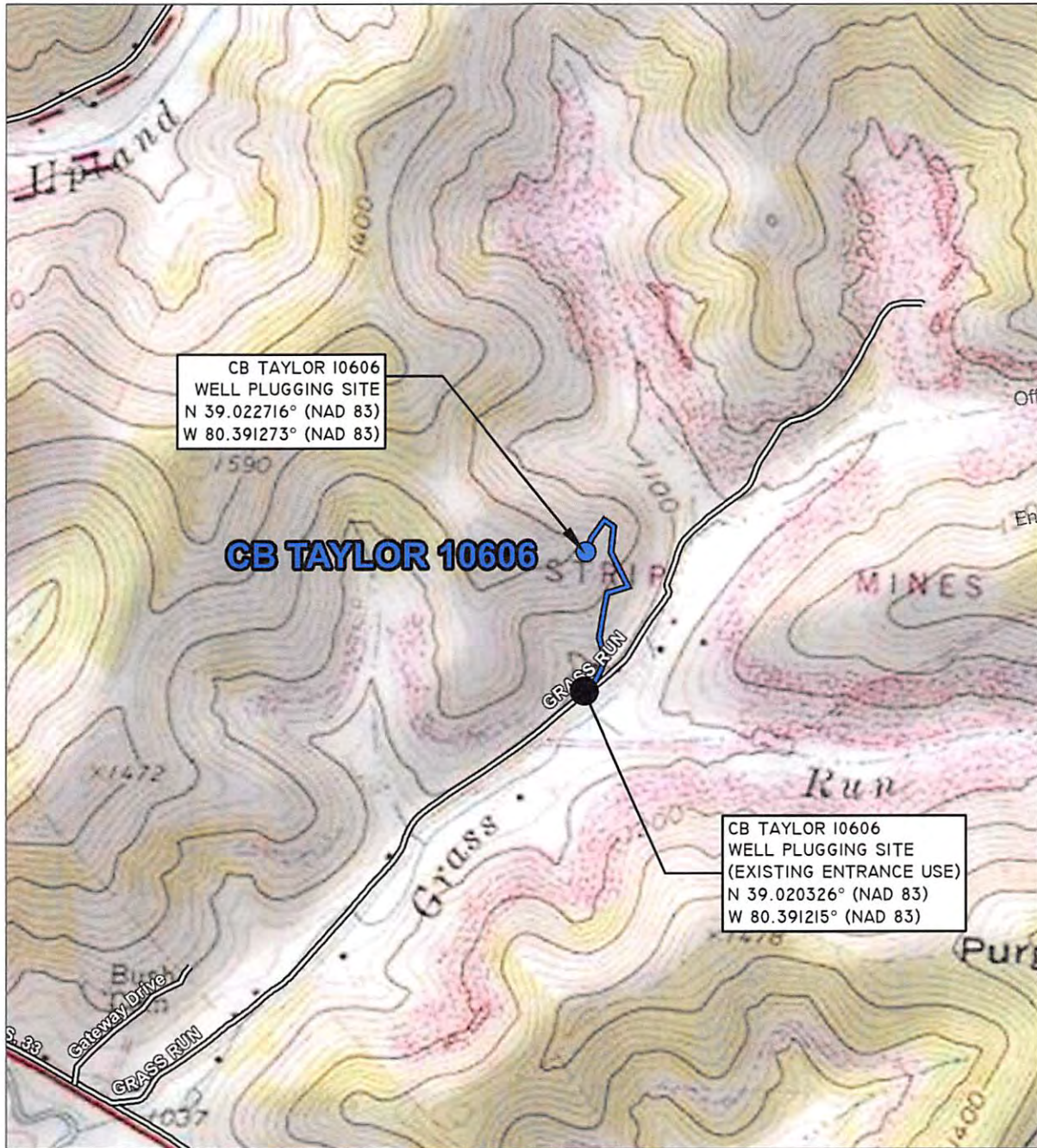
DISTRICT: HACKERS CREEK COUNTY: LEWIS

CB TAYLOR

QUADRANGLE: WESTON WELL NO: 10606

DATE: 07/06/2017 PAGE 3 OF 4





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LOCATION MAP
WESTON, WV 7.5M USGS QUADRANGLE
SCALE: 1"=1000'



Blue Mountain Inc.
Engineers and Land Surveyors
Woman Owned Small Business
11023 Mason Dixon Hwy.
Burton, WV 26562-9656
(304) 662-6486

LOCATION MAP
GAS WELL PLUGGING
CB TAYLOR 10606 GAS WELL
HACKERS CREEK DISTRICT
LEWIS COUNTY, WV
CNX GAS COMPANY, LLC.
200 HALLAM ROAD
WASHINGTON, PA 15301

DRAWN BY: LLF
CHECKED BY: WPF
DATE: 07/06/2017
SCALE: 1"=1000'
WATERSHED: STONECOAL CREEK
PAGE 4 OF 4

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas

WELL LOCATION FORM: GPS

API: 47-041-00792 WELL NO.: 10606

FARM NAME: Taylor

RESPONSIBLE PARTY NAME: Erika Whetstone

COUNTY: Lewis DISTRICT: Hackers Creek

QUADRANGLE: Weston

SURFACE OWNER: Sharon Beinecke

ROYALTY OWNER: _____

UTM GPS NORTHING: 4,319,473.655 METERS

UTM GPS EASTING: 552,694.087 METERS GPS ELEVATION: 387.559 METERS (1271.5')

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 _____ : 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.

Erika Whetstone
Signature

Permitting Supervisor
Title

7/12/17
Date

RECEIVED
Office of Oil and Gas
JUL 25 2017
WV Department of
Environmental Protection