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west virginia department of environmental protection

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

Jim Justice , Governor  
Austin Caperton , Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Friday, September 15, 2017  
WELL WORK PERMIT  
Vertical / Plugging

CONSOL GAS COMPANY  
1000 CONSOL ENERGY DRIVE

CANNONSBURG, PA 163176506

Re: Permit approval for 10641  
47-097-01154-00-00

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: 10641  
Farm Name: FRISBY, WILLIAM  
U.S. WELL NUMBER: 47-097-01154-00-00  
Vertical / Plugging  
Date Issued: 9/15/2017

Promoting a healthy environment.

09/15/2017

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## 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.

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### 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. \_\_\_\_\_  
3) API Well No. 47-097 - 01154

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 1687 Watershed Buckhannon River  
District Washington County Upshur Quadrangle Buckhannon

6) Well Operator Consol Gas Company 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 Name Bryan Harris  
Address P.O Box 157  
Volga WV 26238  
9) Plugging Contractor Name Coastal Drilling East LLC  
Address 70 Gums Springs Road  
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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Environmental Protection

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

Work order approved by inspector Bryan O'Harris Date 8-15-17

**Plugging Work Order for Permit 47-097-01154****CNX Gas – Frisby****Elevation- 1680'****Original Drill Date 4/1/1969**

1. Install control head.
2. Check TD 2227', well is perforated 1977'-1981' in Gordon.
3. Load hole with gel for well control as necessary.
4. TIH w/1-1/2" workstring and set bottom cement plug across perforations inside 4-1/2" (~50sks)
5. Confirm CT of 4-1/2" production casing. *CEMENT TOP MUST BE ABOVE 1900'*
6. Cut 4-1/2" casing at TOC
7. Circulate 6% gel to stabilize well if necessary.
8. Pull 4-1/2" casing
9. TIH to 4-1/2" casing cut and place 100' cement plug across cut.
10. TOOH workstring to 1500' and place cement plug from 1500' up to and across 8-1/4" casing shoe
11. TOOH 1-1/2" workstring
12. Attempt to pull 8-1/4" casing.
  - Well records indicated 8-1/4" is CTS
  - If unable to pull 8-1/4" casing, confirm cement and perforate if necessary
13. TIH 1-1/2" workstring, set 100" cement plug. *TO SURFACE.*
14. Install 6" x 14' monument (10' below grade, 4' above grade) API 47-097-01154

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Work Order approved by Inspector *Bryan O'Hara* Date: 8-15-17

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



9701134P

Form 00-10



(REVISED REPORT)

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

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle.....

WELL RECORD

Oil or Gas Well Gas  
(KIND)

Permit No. 198-1154

Company Allegheny Land Mineral Co.  
Address Starksville, W. Va.  
Farm Clinton Dean Acres 41  
Location (waters).....  
Well No. 4-373 Elev. 1680  
District Washington County Upshur  
The surface of tract is owned in fee by Wm. Frisby  
Address Buckhannon, W. Va.  
Mineral rights are owned by Saba  
Address.....

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size	<u>7 1/2"</u>	<u>7 1/2"</u>	
16	<u>27'</u>	<u>27'</u>	Kind of Packer.....
13			
10			Size of.....
8 1/4	<u>670'</u>	<u>670'</u>	
6 3/4	<u> cemented to surface</u>		Depth set.....
5 3/16			
4 1/2	<u>2227'</u>	<u>2227'</u>	
3			Perf. top <u>1977</u>
2			Perf. bottom <u>1981</u>
Liners Used.....			Perf. top.....
			Perf. bottom.....

Drilling commenced March 2, 1967  
Drilling completed April 1, 1969  
Date Shot..... From..... To.....  
With.....  
Open Flow 1/10ths Water in..... Inch  
1/10ths Me.c. in..... Inch  
Volume..... Cu. Ft.  
Rock Pressure..... lbs..... hrs.  
Oil..... bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS).....

Attach copy of cementing record 1030  
CASING CEMENTED TO SIZE 4 1/2" No. Ft. 4-7-69 Date  
Amount of cement used (bags) 160  
Name of Service Co. Dowell  
COAL WAS ENCOUNTERED AT..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES  
..... FEET..... INCHES..... FEET..... INCHES

WELL FRACTURED (DETAILS) Nov 6, 1969 by Halliburton

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 40/10 Me.c. 2" (984 v.c.f.) 984.000  
ROCK PRESSURE AFTER TREATMENT 2200-850' HOURS 1 1/2 hr.  
Fresh Water..... Feet..... Salt Water..... Feet.....  
Producing Sand (Gordon) Depth.....

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
					4 1/2" Casing perforated :		
						1977 to 1981	-- 12 holes

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JUN 1969  
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West Virginia Dept. of Mines

(over)

JUL 05 1969

09/15/2017

FORM 00-2

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPPLICATE. ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE WELL OPERATOR AND THE THIRD COPY (AND EXTRA COPIES IF REQUIRED) SHOULD BE MAILED TO EACH COAL OPERATOR AT THEIR RESPECTIVE ADDRESSES.

<u>Buckhannon Coal Corporation</u> COAL OPERATOR OR OWNER	<u>Allegheny Land &amp; Mineral Company</u>
<u>Clarksburg, W.Va.</u> ADDRESS	<u>318 PROSPECTOR BUILDING</u> <u>Clarksburg, W.Va.</u> COMPLETE ADDRESS
COAL OPERATOR OR OWNER	<u>April 26,</u> 19 <u>69</u> WELL AND LOCATION
ADDRESS	<u>Washington</u> District
<u>Wm. Brisky</u> SOLE LESSEE OR PROPERTY OWNER	<u>Upshur</u> County
<u>Buckhannon, W.Va.</u> ADDRESS	Well No. <u>18a-373</u>
	<u>Clinton Dean</u> Box <u>449</u> Farm
STATE INSPECTOR SUPERVISING PLUGGING	<u>William E. Greenwalt, Hiking, W.Va.</u>

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Upshur ss:  
Bob O. Davis and Clifford Hanes

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by Allegheny Land & Mineral Co. well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 1st day of April, 1969, and that the well was plugged and filled in the following manner:

BAND OR ZONE RECORD FORMATION	FILLING MATERIAL	PLUGS USED SIZE & KIND	CASING	
			CSS PULLED	CSS LEFT IN
	<u>Cement - 3900' - 3700'</u>			
	<u>Aquagel 3700' - 3520'</u>			<u>No casing run or pul</u>
	<u>Cement 3520' - 3430'</u>			<u>Abandon lower hole</u>
	<u>Aquagel 3430' - 2230'</u>			<u>only</u>
COAL SEAMS (NAME)	DESCRIPTION OF MONUMENT			
(NAME)				
(NAME)				
(NAME)				
(NAME)				

and that the work of plugging and filling said well was completed on the 1st day of April, 1969.  
And further deponents saith not.

Sworn to and subscribed before me this 29th day of April, 1969

My commission expires:  
April 14, 1977

[Signature]  
Notary Public  
Permit No. Ops-1154 PP



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Form OG-10



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

Rotary   
Spudder   
Cable Tools   
Storage

Quadrangle SAGO

WELL RECORD

Permit No. 088-1154

Oil or Gas Well Dry  
(478)

Company Allegheny Land & Mineral Company  
Address Clarksburg, W. Va.  
Farm Clinton Dean Acres 41  
Location (waters) \_\_\_\_\_  
Well No. 18a-373 Elev. 1680  
District Washington County Upshur  
The surface of tract is owned in fee by Wm. Frisby  
Address Luckhannon, W. Va.  
Mineral rights are owned by Same  
Address \_\_\_\_\_

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16	21'	21'	Kind of Packer
13			
10	Cemented to surface		Case of
8 1/4	670'	670'	Depth set
6 3/4			
5 3/16			
4 1/2			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

Drilling commenced March 24, 1969  
Drilling completed April 1, 1969  
Date Shot From \_\_\_\_\_ To \_\_\_\_\_  
With \_\_\_\_\_  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
Volume /10ths Merc. in \_\_\_\_\_ Inch  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
WELL ACIDIZED (DETAILS) \_\_\_\_\_  
WELL FRACTURED (DETAILS) \_\_\_\_\_

Attach copy of cementing record.  
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_  
Ar. Junt of cement used (bags) \_\_\_\_\_  
Name of Service Co. \_\_\_\_\_  
COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

RESULT AFTER TREATMENT (Initial open Flow or bbls.) \_\_\_\_\_  
ROCK PRESSURE AFTER TREATMENT \_\_\_\_\_ HOURS \_\_\_\_\_  
Fresh Water \_\_\_\_\_ Feet \_\_\_\_\_ Salt Water \_\_\_\_\_ Feet \_\_\_\_\_  
Producing Sand \_\_\_\_\_ Depth \_\_\_\_\_

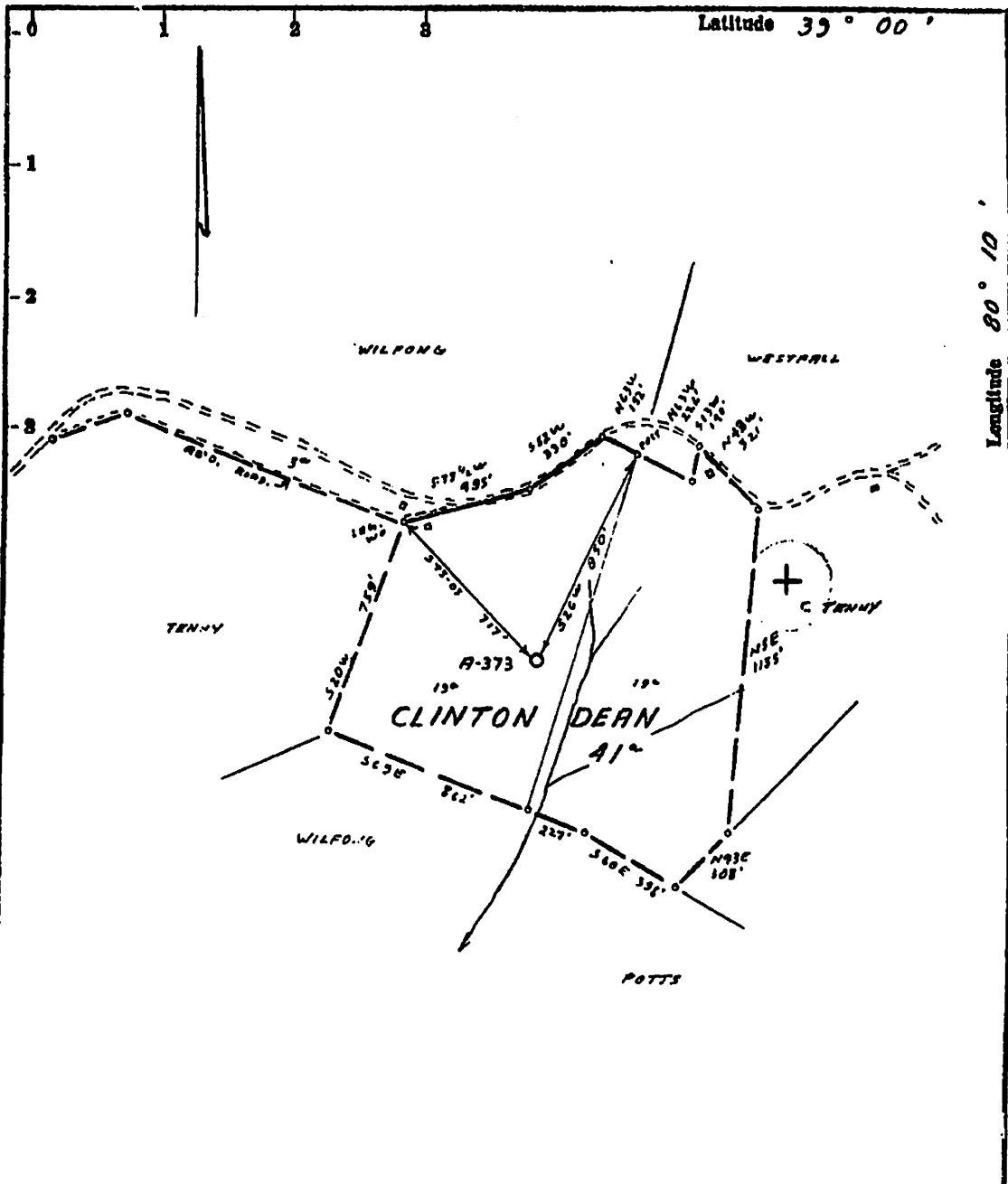
Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
soil			0	12			
sand and shale			12	65			
sand			65	168			
sand and shale			168	416			
sand			416	690			
sand and shale			690	1412			
big sugar sand			1412	1490			
sand and shale			1490	1972			
gordon sand			1972	1999			
sand & shale			1999	2015			
4th sand			2015	2027			
sand & shale			2027	2117			
5th sand			2117	2134			
sand & shale			2134	3058			
shale			3058	3415			
sandy shale			3415	3466			
Riley sand			3466	3498			
sandy shale			3498	3812			
Lanson sand			3812	3836			
sandy shale			3836	3903			
total depth				3903			



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Another Form OG-10 will follow as soon as well is fractured.

(over)



- Fracture....
- Redrill....
- New Location...
- Drill Deeper.....
- Abandonment.....
- Partial Plugging...

Source of Elevation ROAD MARK TO WEST, ELEV 1726' USGS

I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia.

Minimum accuracy, one part in 200

**Company** ALLEGHENY LAND & MINERAL CO.  
**Address** CLARKSBURG, W. VA.  
**Farm** CLINTON DEAN  
**Tract** \_\_\_\_\_ **Acres** 41 **Lease No.** \_\_\_\_\_  
**Well (Farm) No.** 1 **Serial No.** A-373  
**Elevation (Spirit Level)** 1600'  
**Quadrangle** S660 NW 12  
**County** UPSHUR **District** WASHINGTON  
**Engineer** James H. [Signature]  
**Engineer's Registration No.** 1061  
**File No.** 21570 **Drawing No.** \_\_\_\_\_  
**Date** 1-18-69 **Scale** 1" = 500'

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

**WELL LOCATION MAP**  
 FILE NO. Ups-1154-PP

+ 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.

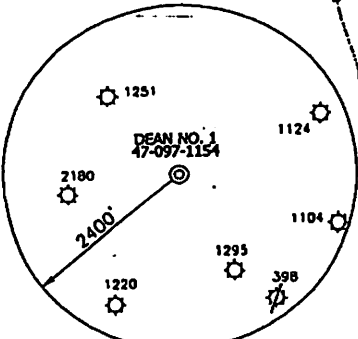
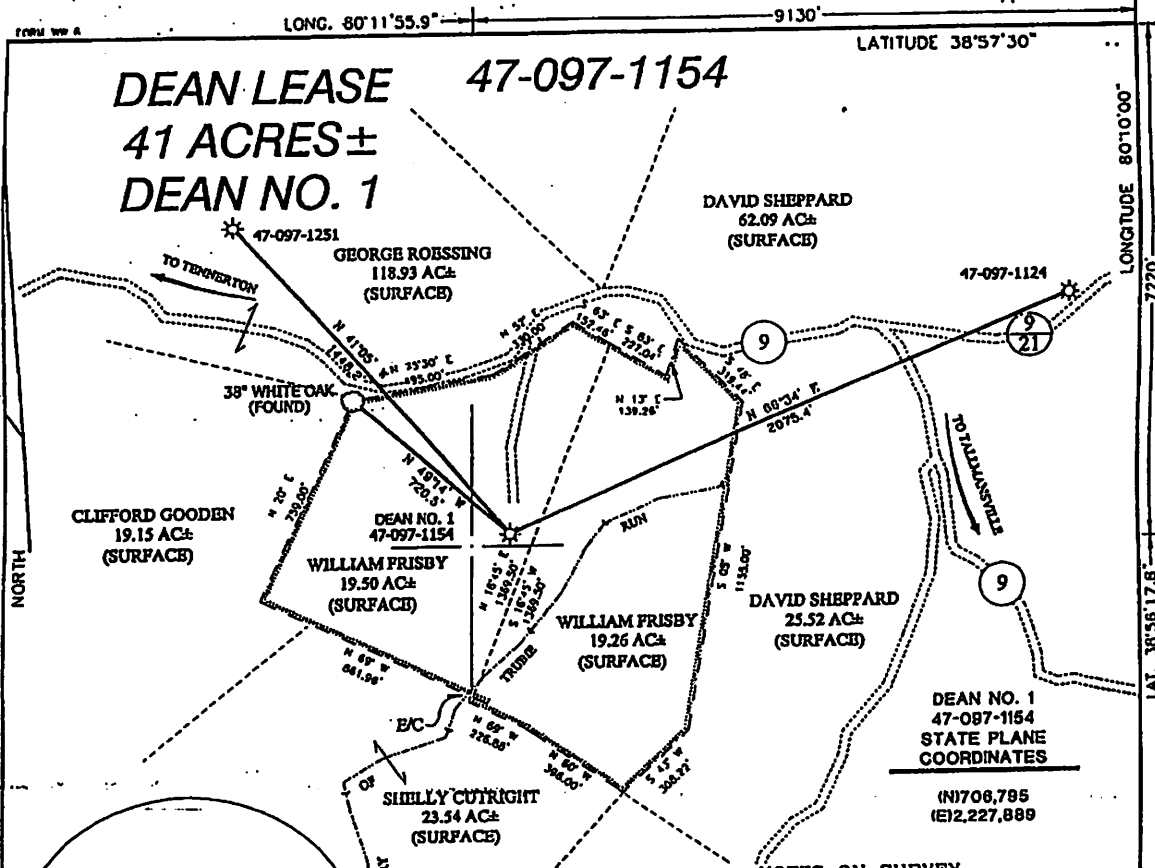
- Denotes one inch spaces on border line of original tracing.

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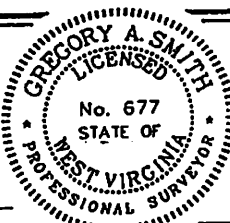


NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD 82.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 400 PAGE 466 AND DEED BOOK 113 ON PAGE 424.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF UPSHUR COUNTY IN FEBRUARY, 2001.
4. WELL LAT./LONG. ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

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 ENERGY.

P.S. *Gregory A. Smith*  
677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.  
 DATE FEBRUARY 20 20 01  
 OPERATORS WELL NO. DEAN NO. 1 (10641)  
 API. WELL NO. 47 097 1154P  
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1 / 200 FILE NO. 4617P1154 (88-50)  
 PROVEN SOURCE OF ELEVATION JUNCTION OF ROADS ELEVATION 1766'  
 SCALE 1" = 500'

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

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW

LOCATION: ELEVATION 1687' WATERSHED TRIBUTARY OF TRUBIE RUN  
 DISTRICT WASHINGTON COUNTY UPSHUR QUADRANGLE BUCKHANNON 7.5'  
 SURFACE OWNER WILLIAM AND AMY FRISBY ACREAGE 19.50±  
 ROYALTY OWNER CLINTON DEAN HEIRS ET AL LEASE ACREAGE 41±  
 PROPOSED WORK: DRILL \_\_\_ CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ PLUG AND ABANDON  CLEAN OUT AND REPLUG \_\_\_ OTHER \_\_\_  
 PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION BENSON ESTIMATED DEPTH 3903'

WELL OPERATOR: DOMINION EXPLORATION AND PRODUCTION DESIGNATED AGENT RODNEY J. BIGGS  
 ADDRESS P.O. BOX 1248 JANE LEW, W.V. 26378

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 WV Department of Environmental Protection

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WW-4A  
Revised 6-07

1) Date: \_\_\_\_\_  
2) Operator's Well Number \_\_\_\_\_

3) API Well No.: 47 - 097 - 01154

**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>KERRY W &amp; LINDA J PATTERSON</u>	Name <u>Wolf Run Mining Company, LLC</u>
Address <u>3506 TALLMANSVILLE RD</u>	Address <u>1 Edmiston Way Suite 211</u>
<u>BUCKHANNON WV 26201-1670</u>	<u>Buckhannon, WV 26201</u>
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>CoalQuest Development, LLC</u>
	Address <u>300 Corporate Centre Drive</u>
	<u>Scott Depot, WV 25560</u>
(c) Name _____	Name _____
Address _____	Address _____
6) Inspector <u>Bryan Harris</u>	(c) Coal Lessee with Declaration
Address <u>P.O Box 157</u>	Name <u>N/A</u>
<u>Volga WV 26238</u>	Address _____
Telephone <u>304-553-6087</u>	_____

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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.

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

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

Subscribed and sworn before me this 7th day of July 2017  
Lori L. Walker Notary Public  
 My Commission Expires February 23, 2019



**Oil and Gas Privacy Notice**

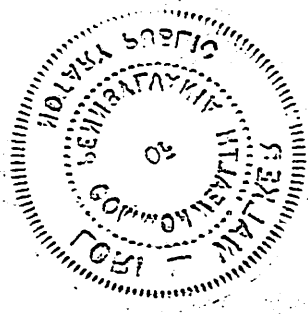
The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory 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 [depprivacyofficer@wv.gov](mailto:depprivacyofficer@wv.gov).

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4-10-17

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NOTARY PUBLIC

COMMONWEALTH OF PENNSYLVANIA  
NOTARIAL SEAL  
Lee L. Walker, Notary Public  
Richlin Twp., Greene County  
My Commission Expires Feb. 28, 2019  
NOTARIAL PUBLIC



09/15/2017



9701154P

WW-9  
(5/16)

API Number 47 - 097 - 01154  
Operator's Well No. \_\_\_\_\_

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

Operator Name Consol Gas Company OP Code 494495754

Watershed (HUC 10) Buckhannon River Quadrangle Buckhannon

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? \_\_\_\_\_

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WV Department of  
Environmental Protection

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 J Whetstone  
Company Official (Typed Name) Erika Whetstone  
Company Official Title Permitting Supervisor

Subscribed and sworn before me this 7th day of July, 2017  
Lori L Walker Notary Public

My commission expires February 23, 2019

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

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
Tall Fescue	40
Landino Clover	5

Seed Type	lbs/acre
Tall Fescue	40
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: Bryan O'Hain

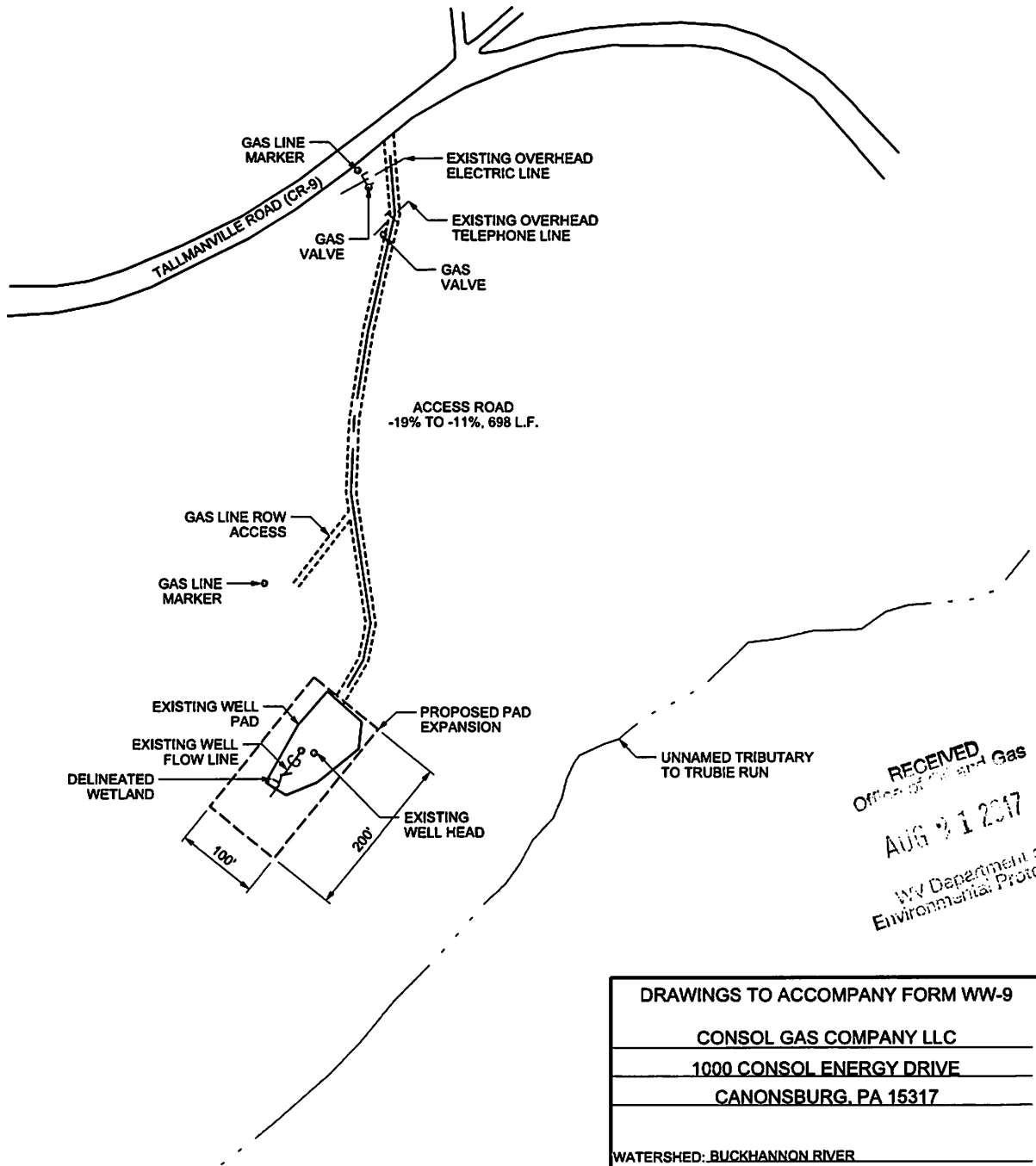
Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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WV Department of  
Environmental Protection

Title: Inspector Date: 8-15-17

Field Reviewed? (  ) Yes (  ) No

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



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DRAWINGS TO ACCOMPANY FORM WW-9

CONSOL GAS COMPANY LLC

1000 CONSOL ENERGY DRIVE

CANONSBURG, PA 15317

WATERSHED: BUCKHANNON RIVER

DISTRICT: WASHINGTON COUNTY: UPSHUR

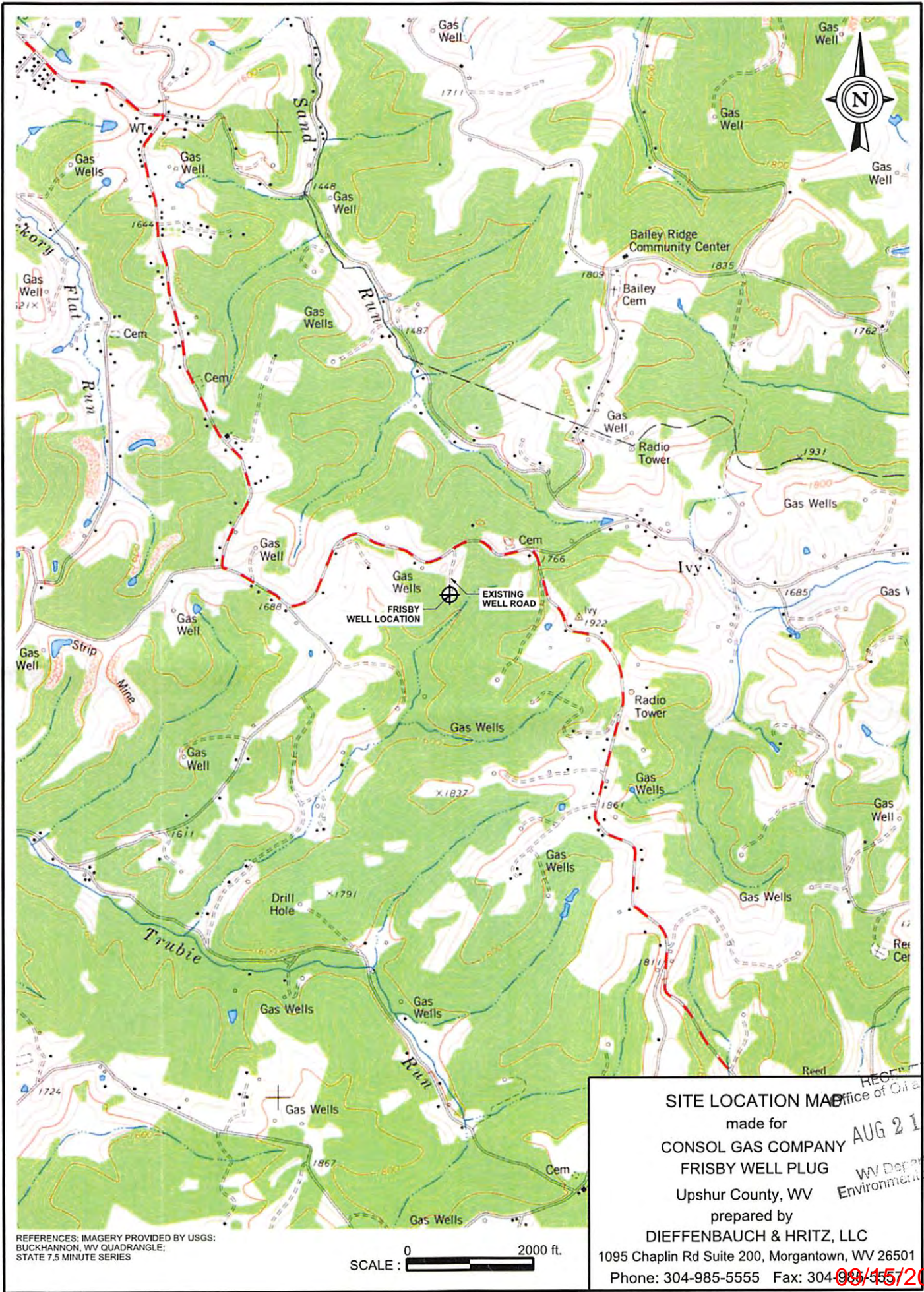
QUADRANGLE: BUCKHANNON WELL NO.: 10641

DATE: 5/30/2017



09/15/2017





1:2000 5/16/2017 2:59:13 PM K:\CNX\Waynesburg\1716015 - Frisby Well Plug\Common\SITE LOCATION MAP.dgn

REFERENCES: IMAGERY PROVIDED BY USGS;  
 BUCKHANNON, WV QUADRANGLE;  
 STATE 7.5 MINUTE SERIES

SCALE: 0 2000 ft.

**SITE LOCATION MAP**  
 made for  
**CONSOL GAS COMPANY**  
**FRISBY WELL PLUG**  
 Upshur County, WV  
 prepared by  
**DIEFFENBAUCH & HRITZ, LLC**  
 1095 Chaplin Rd Suite 200, Morgantown, WV 26501  
 Phone: 304-985-5555 Fax: 304-985-5555

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 WV Department of  
 Environmental Protection

08/15/2017

97011540

May 17, 2019

DRIVING DIRECTIONS FOR 10641

Frisby Well Site

From the junction of WV-20S and CR-9 (Tallmansville Road) in Buckhannon, turn left onto CR-9 (Tallmansville Road). Continue on CR-9 (Tallmansville Road) for approximately 3.6 miles, and turn right onto well access road.

Nearest Fire Station: Station One Fire Department – Buckhannon, WV

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09/15/2017



97 01154 P

WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas

**WELL LOCATION FORM: GPS**

API: 47-097-01154 WELL NO.: \_\_\_\_\_

FARM NAME: Frisby

RESPONSIBLE PARTY NAME: Erika Whetstone

COUNTY: Upshur DISTRICT: Washington

QUADRANGLE: Buckhannon

SURFACE OWNER: KERRY W & LINDA J PATTERSON

ROYALTY OWNER: \_\_\_\_\_

UTM GPS NORTHING: 4310244.156 m

UTM GPS EASTING: 569449.800 m GPS ELEVATION: 1687 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.

Erika Whetstone  
Signature

Permitting Supervisor  
Title

8/24/17  
Date

RECEIVED  
Office of Oil and Gas  
AUG 24 2017

WV Department of  
Environmental Protection  
09/15/2017