



west virginia department of environmental protection

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

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

September 15, 2015

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-2100916, issued to EQT PRODUCTION COMPANY, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.


James Martin
Chief

Operator's Well No: 1672
Farm Name: SUMPTER, C. E.
API Well Number: 47-2100916
Permit Type: Plugging
Date Issued: 09/15/2015

Promoting a healthy environment.

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.

Form WW-4 (B)
Permit Copy
(Rev 2/01)

CK #
19562
200.00

Date: August 5, 2015
Operator's Well _____
Well No. 656496 (Sumpter #1672)
API Well No.: 47 021 - 00916

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

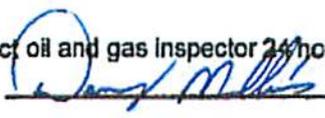
APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil _____ Gas X Liquid Injection _____ Waste Disposal: _____
If Gas, Production X Or Underground storage _____ Deep _____ Shallow X
- 5) Elevation: 1158 ft. Watershed: Lick Run
Location: Center County: Gilmer Quadrangle: Normantown
District: _____
- 6) Well Operator EQT Production Company 7) Designated Agent: Rex C. Ray
Address: 120 Professional Place Address: 120 Professional Place
Bridgeport, WV 26330 Bridgeport, WV 26330
- 8) Oil & Gas Danny Mullins 9) Plugging Contractor:
Name: 220 Jack Acres Name: HydroCarbon Well Service
Address: Buckhannon, WV 26201 Address: PO BOX 995
Buckhannon, WV 26201

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

OFFICE USE ONLY

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

Work order approved by Inspector  Date 8-17-15

PLUGGING PROGNOSIS - Weston

Sumpter, C.E. # 1672 (656496)

Gilmer, Co., West Virginia

API # 47-021-00916

District : Center

BY: Craig Duckworth

DATE: 2/12/14

CURRENT STATUS:

10" csg @ 203'
 8 1/4" csg @ 1169'
 6 5/8" csg @ 2019' (Packer @ 2019)
 3" csg @ 1877' (Packer @ 1805') Pulled

TD @ 2163'

Fresh Water @ None reported

Salt Water @ None reported

1' Salt Sand @ 1340'

Coal @ None reported

Gas Shows @ 2117'-2122' Big Injun

Oil Shows @ None reported

Stimulation: Perfs. @ 1842'-1852'

Elevation: 1139'

1. Notify State Inspector, **Bryan Harris 304-553-6087**, 24 hrs. Prior to commencing operations.
2. TIH w/ tbg @ 2163'; Set 100' C1A Cement Plug @ 2163' to 2063' (Gas Show @ 2117'-2122' Big Injun)
- * 3. TOO H w/ tbg, Free Point 6 5/8", cut 6 5/8" @ free point, TOO H w/ 6 5/8" csg
4. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 6 5/8" cut. Do not omit any plugs
5. TOO H w/ tbg @ 2063'; gel hole @ 2063' to 1340'
6. TOO H w/ tbg @ 1340'; Set 251' C1A Cement Plug @ 1340' to 1089' (1st Salt Sand @ 1340' & 8 1/4" @ 1169' & Elevation @ 1139')
7. Set a 100' C1A Cement Plug 50' In/Out of cut. Perf all FW, Coal, Oil and Gas shows below 8 1/4" cut. Do not omit any plugs
8. TOO H w/ tbg @ 1089.; gel hole @ 1089' to 600'
9. TOO H w/ tbg @ 600'; Set 100' C1A Cement Plug @ 600' to 500' (Safety Plug)
10. TOO H w/ tbg @ 500'; gel hole @ 500' to 253'.
11. TOO H w/ tbg @ 253'; Set 253' C1A Cement Plug @ 253' to Surface
12. Top off as needed
13. Set Monument to WV-DEP Specifications
14. Reclaim Location & Road to WV-DEP Specifications

* IF 6 5/8" CUT IS ABOVE 1700', THEN
 RIP OR PERFORATE 6 5/8" @ OIL SHOWS FROM
 1727'-1732' AND 1740'-1745' AND SOUR WITH
 CLASS A CEMENT FROM 1800' - 1700'.

* IF 6 5/8" CASING CUT EXPOSES OIL SHOWS (1727-1732 & 1740-1745)
 MAKE SURE TO COVER THEM WITH CLASS A CEMENT PLUG.
 FROM 1800' - 1700',

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WV Department of
 Environmental Protection

2100916P
27



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Glenville

WELL RECORD

Permit No. OIL-916-D Oil or Gas Well Gas
(KIND)

Company Carnegie Natural Gas Company
 Address 1015 Frick Building, Pittsburgh, Pa.
 Farm C. E. Sumpter Acres 75
 Location (waters) Lick Run
 Well No. 1 - 1672 Elev. 2139
 District Center County Gilmer
 The surface of tract is owned in fee by Ieland Beall
Normantown Address W. Va.
 Mineral rights are owned by C. E. Sumpter, Jana Lee, W. Va., 6%
and Lena Sumpter. Address Valley Chapel, W. Va., 6 2/10
 Drilling commenced April 28, 1953
 Drilling completed June 1, 1953
 Date Shot 5-22-53 From 2112 To 2127
 With 45 Qts.
 Open Flow /10ths Water in Inch
/10ths Merc. in Inch
 Volume 103,000 Cu. Ft.
 Rock Pressure 535 lbs. 72 hrs.
 Oil bbls., 1st 24 hrs.
 Fresh water feet feet
 Salt water feet feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Bottom Hole
18			Size of 7" x 8 1/2"
10			Depth set <u>2019</u>
8 1/2	<u>2019</u>	<u>2019</u>	
8			Perf. top
8			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED SIZE No. Ft. Date

COAL WAS ENCOUNTERED AT FEET INCHES
 FEET INCHES FEET INCHES
 FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Commenced drilling deeper at 1877' in Maxon sand.							
Sand	White	Hard		1907			Maxon sand
Slate		Soft	1907	1914			
Limo Shell		Hard	1914	1916			
Red Rock	Red	Soft	1916	1918			
Limo Shells	Dark	Hard	1918	1939			
Limo	Dark	Hard	1939	1963			Little Lime
Slate	Dark	Soft	1963	1987			Pencil Cavo
Limo	Gray	Hard	1987	2040			Big Lime
Sand	White	Hard	2040	2118	Gas	2117-22	Big Injun
Slate	Dark	Soft	2118				
Total depth				2163			

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WV Department of Environmental Protection



OIL-916-D



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. G11-916

Oil or Gas Well Gas
(CHECK)

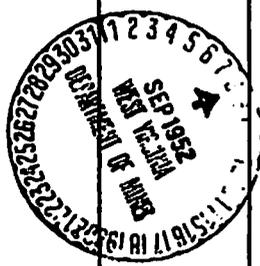
Company Carnegie Natural Gas Company,
Address 1015 Frick Bldg., Pittsburgh, Pa.
Farm C. E. Sumpter et al Acres 75
Location (waters) Lick Run
Well No. 1 - 1672 Elev. 1139
District Center County Gilmer
The surface of tract is owned in fee by Ieland Reall
Normantown Address W. Va.
Mineral rights are owned by C. E. Sumpter, Jane Low, W. Va.
and Lena Sumpter, Address Valley Chapel, W. Va.
Drilling commenced July 1, 1952
Drilling completed July 31, 1952
Date Shot From To
With

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			8-5/8"x10Bot. Hole
16			Kind of Packe
18			Set at 1169'
10			Anchor
8 1/2	203	203	Size of
8 1/4	1169	1169	3" x 8-5/8"
8 1/4			Depth set 1805
5 1/2			Perf. top 1842
2	1877	1877	Perf. bottom 1852
2			Perf. top
Linars Used			Perf. bottom

Open Flow 45 /10ths Water in 3" Inch
/10ths Merc. in _____ Inch
Volume 636,000 Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Clay			0	16			
Sand			16	25			
Slate			25	50			
Red Rock			50	75			
Lime			75	100			
Red Rock			100	125			
Sand			125	150			
Red Rock			150	200			
Lime			200	220			
Slate			220	255			
Lime Shls.			255	285			
Red Rock			285	315			
Slate	Light		315	325			
Sand	White	Hard	325	375			
Red Rock	Red		375	560			
Slate Shls.	White		560	580			
Red Rock			580	600			
Slate Shls.	Light		600	750			
Lime	Light	Hard	750	775			
Slate Shls.	Light	Soft	775	865			
Sand	Light	Hard	865	895			
Slate	Dark	Soft	895	905			
Sand	Light	Hard	905	940			
Slate Shls.	Blue	Soft	940	1000			
Sand	White	Hard	1000	1060			
Slate Shls.	Dark	Soft	1060	1187			
Sand	White	Medium	1187	1272			
Slate Shls.	Dark	Soft	1272	1303			
Sand	White	Hard	1303	1325			
Slate	Light	Soft	1325	1340			
Sand	White	Hard	1340	1375			
Slate Shls.	Dark	Soft	1375	1485			
Sand		Hard	1485	1545			
Slate	Dark	Soft	1545	1610			
Lime	Light	Hard	1610	1620			
Sand		Hard	1620	1742			
Slate		Soft	1742	1800			
Sand		Hard	1800	1823			
Slate		Soft	1823	1843			



Little Dunker **RECEIVED**
Big Dunker Office of Oil and Gas
Gas Sand **AUG 17 2015**
1st Salt Sand **WV Department of**
2nd Salt Sand **Environmental Protect**
3rd Salt Sand
4th Salt Sand

(Over)

504

210916P

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Sand		Hard	1843		Gas	1849-64'	Maxon Sand
			Total depth	1877'			

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AUG 17 2015
WV Department of
Environmental Protection

Date September 1, 1952

APPROVED CARNEGIE NATURAL GAS COMPANY, Owner

By B. N. Amherst
(Title) Land Agent

21009167

WW-4-A
Revised 6/07

1) Date: August 5, 2015
2) Operator's Well Number
656496 (Sumpter #1672)
3) API Well No.: 47 021 - 00916
State County Permit

**STATE OF WEST VIRGINIA - BUREAU OF ENVIRONMENT
DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
NOTICE AND APPLICATION TO PLUG AND ABANDON WELL**

4) Surface Owner(s) to be served:
(a) Name Brenton C. and Bobby D. Beall
Address 410 Lick Run Road
Normantown, WV 25267
(b) Name Jeffery J. & Norma Jean Hurley
Address P. O. Box 55
Normantown, WV 25267
(c) Name _____
Address _____
6) Inspector Danny Mullins
Address 220 Jack Acres
Buckhannon, WV 26201
Telephone (304) 932-6844

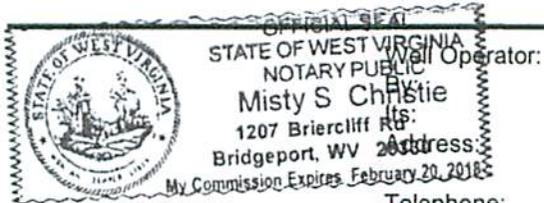
5) (a) Coal Operator:
Name None
Address _____
(b) Coal Owner(s) with Declaration
Name Brenton C. and Bobby D. Beall
Address 410 Lick Run Road
Normantown, WV 25267
Name _____
Address _____
(c) Coal Lessee with Declaration
Name None
Address _____
Name _____
Address _____

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 Division 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:
EQT Production Company
Victoria J. Roark
Permitting Supervisor
PO Box 280
Bridgeport, WV 26330
(304) 848-0076

Subscribed and sworn before me this 13th day of August, 2015
Misty S. Christie
My Commission Expires: _____

day of August, 2015
Notary Public

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Office of Oil and Gas
AUG 14 2015

The Office of Oil & Gas processes your personal information, such as name, address and phone number, as 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

SURFACE OWNER WAIVER

Operator's Well Number: 656496 (Sumpter #1672)

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW 4-A

The well operator named on page WW4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Division of Environmental Protection
601 57th Street, SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments.
The law requires these materials to be served on or before the date the operator files for this Application. You have FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

The law requires these materials to be served on or before FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation..."

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

List of Water Testing Laboratories. The office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For a Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

FOR EXECUTION BY A NATURAL PERSON

FOR EXECUTION BY A CORPORATION, ETC.

Signature

Date

Name _____
By _____
Its _____

Signature

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Office of Oil and Gas
AUG 17 2016
Date
WV Department of
Environmental Protection

Operator's Well Number: 656496 (Sumpter #1672)

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The well operator named on the attached page WW-4(B) is about to abandon the well described in the enclosed materials and will commence the work of plugging and abandoning said well on the date the inspector is notified. Which date shall not be less than five days after the date on which this notice and application so mailed is received, or in due course should be received by the Department of Environmental Protection Office of Oil & Gas

This notice and application is given to you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not the operator will proceed to plug and fill said well in the manner required by Section 24, Article 6, Chapter 22 of the Code and given in detail on the obverse side of this application

Note: If you wish this well to be plugged according to 22-6-24(d) then as per Regulation 35CSR4-13.9 you must complete and return to this office on form OB-16 "Request by Coal Operator, Owner or Lessee for plugging" prior to the issuance of this plugging permit.

WAIVER

The undersigned operator _____ / owner _____ / lessee _____ of the coal under this well location has examined this proposed plugging work order. The undersigned has not no objection to the work proposed to be done at this location, provided the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____

By: _____
Its: _____

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POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: EQT PRODUCTION COMPANY
 LEASE NAME AND WELL No. Sumpter #1672 - WV 656496 - API No. 47-021-00916

POTENTIAL SAMPLE LOCATIONS

Site: 1 Spacing: 717 +/- Owner: Brenton C. & Bobby D. Beall
 Address: 410 Lick Fork Road, Normantown, WV 25267 Phone No. _____
 Comments: Pond

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Office of Oil and Gas

AUG 17 2015

WV Department of
Environmental Protection

BIRCH RIVER OFFICE

237 Birch River Road
Birch River, WV 26610
phone: 304-649-8606
fax: 304-649-8608

BRIDGEPORT OFFICE

172 Thompson Drive
Bridgeport, WV 26330
phone: 304-848-5035
fax: 304-848-5037

ALUM CREEK OFFICE

P.O. Box 108 • 1413 Childress Rd
Alum Creek, WV 25003
phone: 304-756-2949
fax: 304-756-2948

RANSON OFFICE

401 South Fairfax Blvd, Suite 3
Ranson, WV 25438
phone: 304-724-5008
fax: 304-724-5010

Topo Quad: Normantown 7.5'

Scale: 1" = 2000'

County: Gilmer

Date: July 10, 2015

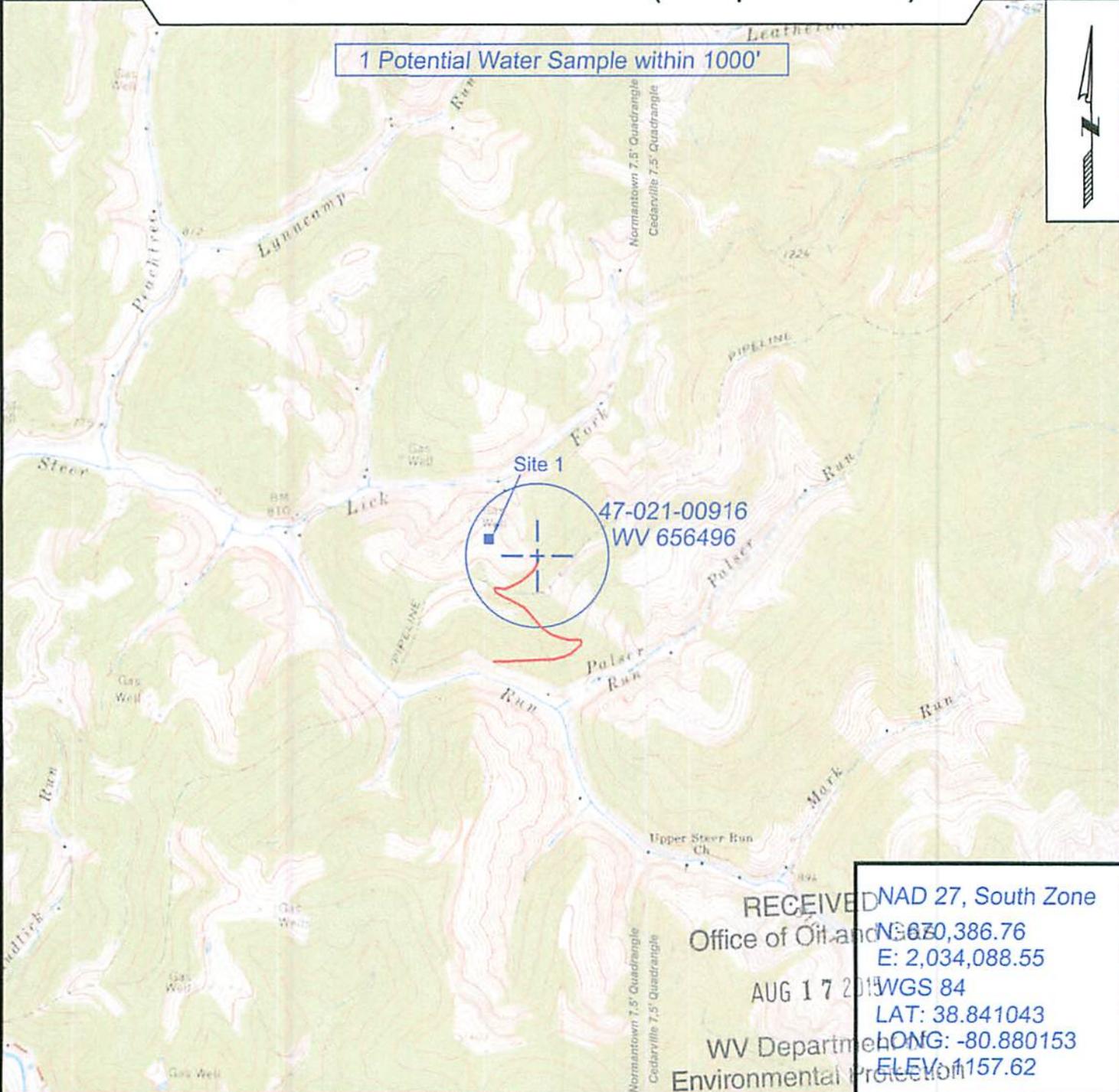
District: Center

Project No: 25-19-00-07

Water

47-021-00916 WV 656496 (Sumpter #1672)

1 Potential Water Sample within 1000'



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.

1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
 PH: (304) 649-8606
 FAX: (304) 649-8608

PREPARED FOR:

EQT Production Company

P.O. Box 280
 Bridgeport, WV 26330

WW-9
Revised 2/03

Page ____ of ____
2) Operator's Well Number
656496 (Sumpter #1672)
3) API Well No.: 47 021 - 00916

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL & GAS
CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM
GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Operator Name: EQT PRODUCTION COMPANY OP ID: _____
Watershed: Lick Run Quadrangle: Normantown
Elevation: 1158 ft. County: Gilmer District: Center

Description of anticipated Pit Waste: Formation Fluids

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes__ No X
Will synthetic liner be used in the pit? Yes Is so, what ml.? ~~40 ml~~ 20 ml

Proposed Disposal Method for Treated Pit Wastes:

- X Land Application
- _____ Underground Injection - UIC Permit Number _____
- _____ Reuse (at API Number) _____
- _____ Offsite Disposal Permit #. _____
- _____ Other: Explain _____

Drilling medium anticipated for this well? Air, freshwater, oil based, etc. _____
If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used? _____

Will closed loop system be used? _____

Drill Cuttings disposal method? Leave in pit, landfill, remove offsite, etc. _____
If left in pit and plan to solidify what medium will be used? Cement, Lime, sawdust _____
Landfill or offsite name/permit number? _____

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Division of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any terms 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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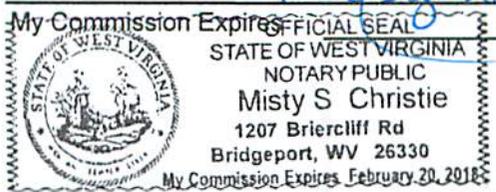
Company Official Signature *Victoria Roark*

Company Official (Typed or Printed) Victoria Roark

Company Official Title Permitting Supervisor-WV

Subscribed and sworn before me this 13th day of August, 2015

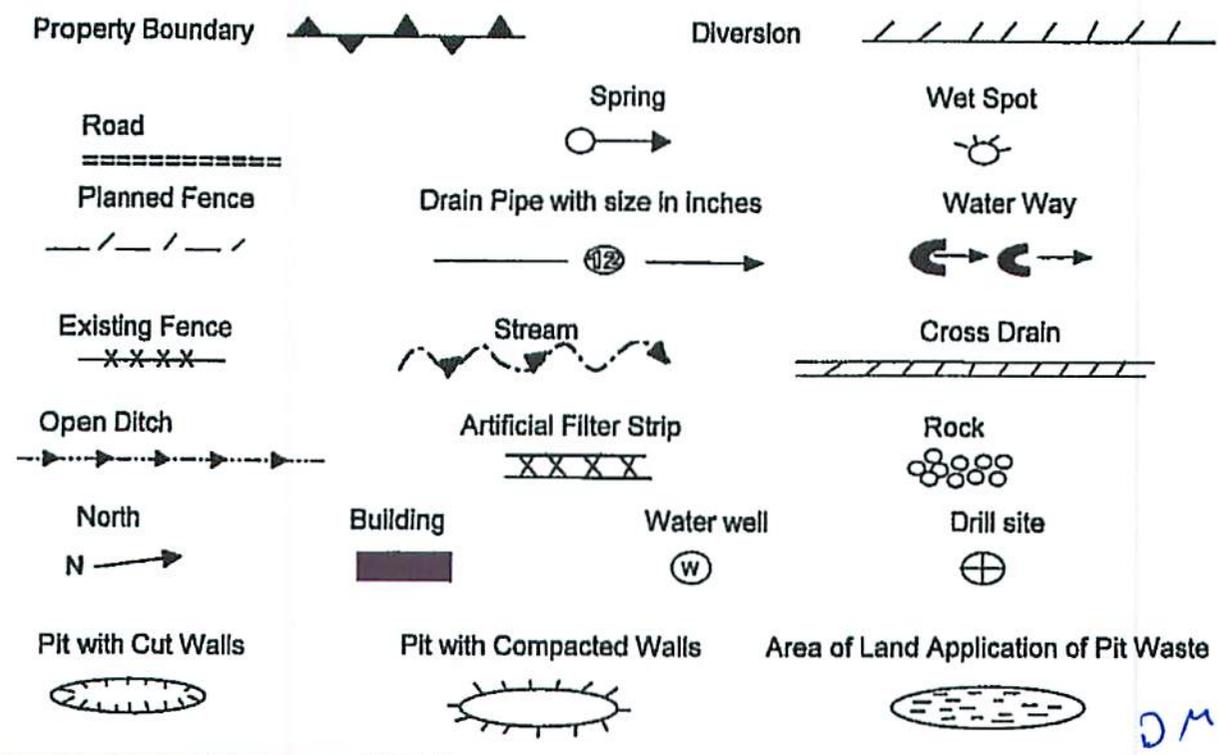
Misty S. Christie Notary Public



WV Department of Environmental Protection

OPERATOR'S WELL NO.:
656496 (Sumpter #1672)

LEGEND



Proposed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer (10-20-20) or equivalent 1/3 ton lbs/acre (500 lbs minimum)

Mulch 2 Tons/acre or hydroseed.

SEED MIXTURES

Area I		Area II	
Seed Type	lbs/acre	Seed Type	lbs/acre
Red Fescue	40	Red Fescue	15
Alsike Clover	5	Alsike Clover	5
Annual Rye	15		

ATTACH:
Drawing(s) of road, location, pit and proposed area for land application.
Photocopies section of involved 7.5' topographic sheet.

Plan approved by: _____

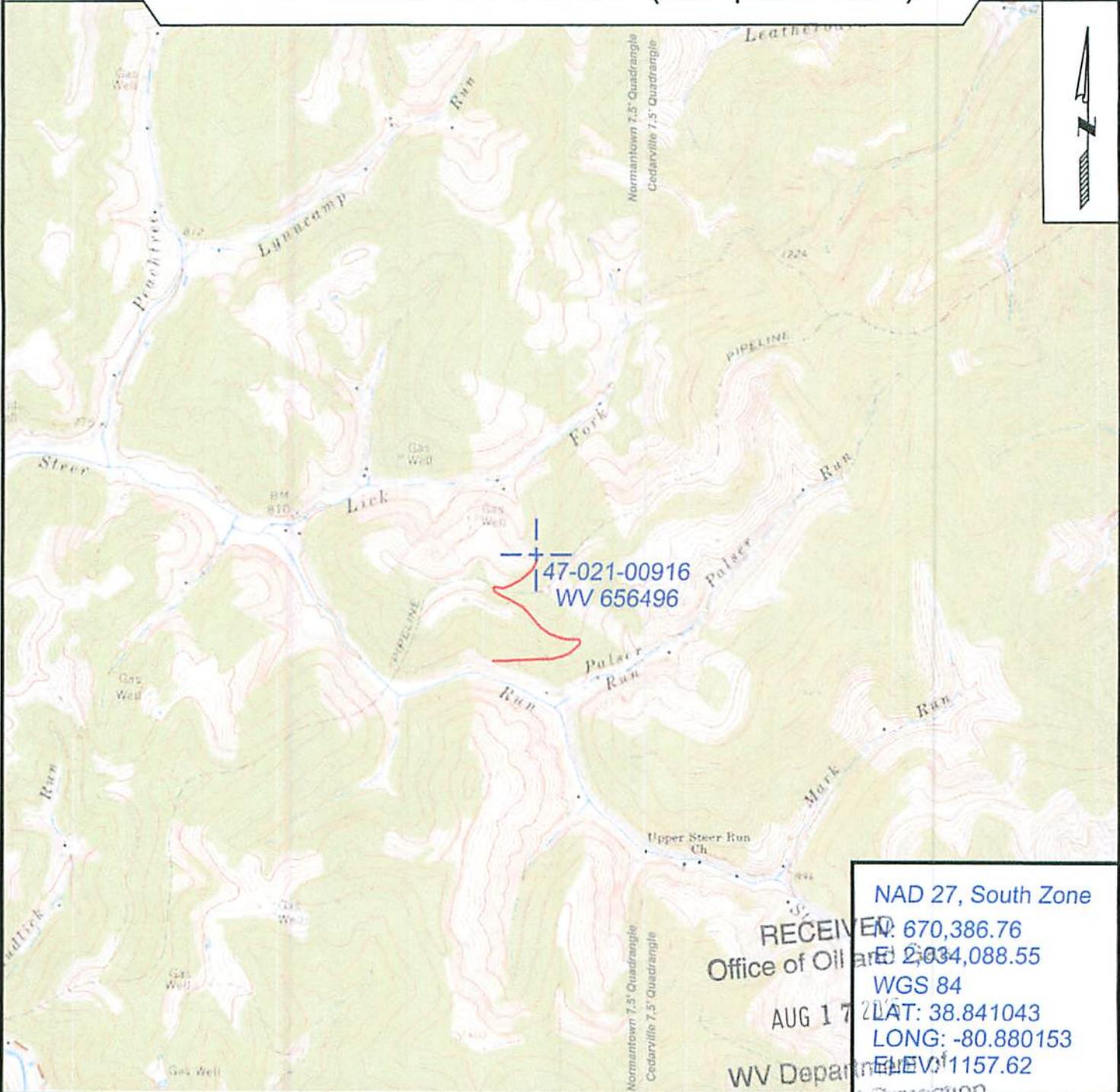
Comments: _____

Title: _____ Date: _____
Field Reviewed? Yes No

Topo Quad: Normantown 7.5' Scale: 1" = 2000'
 County: Gilmer Date: July 10, 2015
 District: Center Project No: 25-19-00-07

47-021-00916 WV 656496 (Sumpter #1672)

Topo



SURVEYING AND MAPPING SERVICES PERFORMED BY:
ALLEGHENY SURVEYS, INC.
 1-800-482-8606
 237 Birch River Road
 Birch River, WV 26610
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PREPARED FOR
EQT Production Company
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