

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

March 29, 2016

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-1701678, 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 penalities 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.

Operator's Well No: 11488

Farm Name: HADDOX, J. L.

API Well Number: 47-1701678

Permit Type: Plugging

Date Issued: 03/29/2016

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.

1701678P

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

Date:	March 8, 2016
Operator's Well	COLUMN TO THE PROPERTY OF THE
Well No.	453131 (Haddox W-11488)
API Well No .	47 017 - 01678

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

41		APP	LICATION	FOR A PER	RMIT TO PLUG	AND ABANDO	ON	
4)	Well Type: 0 If Gas, Product	Oil	Gas _	X Lie	quid Injection _ und storage _	Was	ste Disposal:Shallo	w X
5)	Location:	Elevation: McClel	1234 ft. Ian	_ Watershed: _ County:	McElroy Creek Doddridge		ngle: Folso	m 7.5'
6)	Well Operator Address:	120 Prof	duction Co essional Pl rt, WV 263	ace			Rex C. Ray ofessional Place ort, WV 26330	PROGRAMEN AND AND AND AND AND AND AND AND AND AN
8)		iel Flack Rive Ave. khannon, W	V		Nam	ress: PO BOX 9	on Well Service 95 on, WV 26201	

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

> RECEIVED Office of Oil and Gas

> > 6

nt of tection

		WV Departmental Pro
	OFFICE USE ONLY	
Notification must be given to the distri	ict oil and gas Inspector 24 hours befor Michael Laff (LI C M	e permitted work can commence. Date

1016 187

PLUGGING PROGNOSIS Haddox, J.L. #11488 (453131) Doddridge Co., West Virginia API#47-017-01678 District, McClellan Rick Green BY: DATE: 01/29/15

CURRENT STATUS:

13" csg @ 20' (cts) 8 5/8" csg @ 395' (cts) 4 1/2" csg@ 2361' TD @ 2425' Elevation@1230' Fresh Water @None Reported Salt Water @ none reported 1st Salt Sand @ 1480' Coal @ None reported Oil Shows @ none reported Gas shows @ 2228' (Big Injun) Perforations@ 2236-2265 (16 holes) Stimulated, Yes

SPOT GEL,

1.) Notify State Inspector/Daniel Flack, (304) 545-0109, 48 hrs, prior to commencing operations.

2.) TIH tbg to 2236' set 200' C1A cement plug, 2236 to 2036'. (Big Injun perforations) tag bottom plug.

TOOH tbg to 2036', gel hole to 1700' TOOH tbg.

4.) Free point 4.5" csg, cut 4.5" csg @ free point, TOOH csg.

5.) Set 100' C1A cement plug, 50' in/out of casing cut. Perforate all saltwater, freshwater, coal, oil & gas shows below cut. Do not omit any plugs.

6.) TOOH tbg to top of casing cut plug, gel hole to 1480'.

7.) TOOH tbg to 1480' set 100' C1A cement plug 1480' to 1380', (1st Salt Sand).

8.) TOOH tbg to 1380', gel hole to 1230'.

9.) TOOH tbg to 1230', set 100' C1A cement plug 1230' to 1130'. (Elevation).

10.) Gel hole, 1130' to 800'.

11.) TOOH tbg to 800', set 100' C1A cement plug 800' to 700'.

12.) TOOH tbg to 700' gel hole to 445'.

13.) TOOH tbg to 445', set 100' C1A cement plug 445' to 345', (8 5/8" csg seat).

14.) TOOH tbg to 345', gel hole to 200'.

- 15.) TOOH tbg to 200', set 200' C1A cement plug 200' to surface. (13"conductor seat).
- 16.) Erect monument with API#, company name, date plugged, and company 6 digit ID#.

17.) Reclaim road, location to WV-DEP specifications.

RECEIVED Office of Oil and Gas

MAR 1,4 2016

WV Department of Environmental Protection

LATITUDE H. L Smith 5. Smith E. Black Shere 16 º 68₫ 35, 5 134° E- 6/2P Black shere N48 E - 21F O. (down) 1.0. 14.0. ----W.O. . 525°E- 153/5P J.L. A. Talkıngton 1621/2ª HADDOX 1 -S22°W - 62P 1052 Stone (Finly Popl.) E.S. Howard -556/2° E · 63 3/5P 1173 - э RO. bush 548 2W 4012 P 1488 -520/2°W-50P El.-1201 J. L. Haddox

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MAR 1 4 2016

WV Department of Environmental Protection

Minimum Error of Closure 1. 14200'
Source of Elevation Contaction TRD Gat Supply Core Well
Nº 4481 Elevation 1277'

"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."

MAP SHEET 45 S.Z.E.2

F.B.1624 Pas. 8.10

Company Consolidated Gas Supply Corresponds of the Character of the Corresponds of the Constitution (Spirit Level) 1230'

Quadrangle Centerpoint N.C.

County Dodding of the Constitution (Spirit Level) 1230'

Engineer Jahan M: Jacun.

Engineer's Registration No. 2397

File No. Drawing No. Date Vone 2 1972 Scale 1"-1320'

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

WELL LOCATION MAP

Topographic Maps, scale 10ff(2005) littlible and longitude lines being represented by border lines as shown.

Received
Duited States
Topographic Maps, scale 10ff(2005) littlible
and longitude lines being represented by border
lines as shown.

MAR 1 4 2016

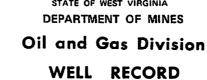
— Denotes one inch spaces on border line of original tracing.

04/01/2016



STATE OF WEST VIRGINIA **DEPARTMENT OF MINES**

OIL & GAS DIVISION DEFT. OF MINES



Quadrangle CENTERPOINT Permit No. <u>DOD-1678</u>

Rotary_XX Oil_ Cable____ Gas__XX __E: NILL Recycling_ Comb. Water Flood __.. Storage Disposal_ ---(Kind)

The state of the s				
Company Consolidated Gas Supply Corporat	ion Casing and	Used in	Left	Cement fill up
Address Clarksburg, W. Va. Farm J. L. Haddox Acres 105	- Tubing	Drilling	in Well	Cu. ft. (Sks.)
		 		{
Location (waters) Talkington Fork	Size	1		
Well No. 111:88 Elev. 1230*	_ 20-16			1
District McClellan County Doddridge		 		ļ
The surface of tract is owned in fee by		20	20	To surface
				ļ
Address		395	395	To surface
Mineral rights are owned by				
Address	5 1/2			
Drilling Commenced 8-17-72	4 1/2	2361	2361	135 bags
Drilling Completed 8-21-72	_ 3			
Initial open flow Show cu. ft bbls	. 2			
Final production 978 M cu. ft. per day bbls	Liners Used			
Well open 11 day Jirs, before test 620 RP				
Well treatment details:	Attach copy of	compating soc		
Unil Constant 0 6 70 and 5 600 551 at	• • • • • • • • • • • • • • • • • • • •			
Well fractured 9-6-72 with 695 bbl w	ater, 40,000# sa	nd and 250	UHHP	
D- 4				
	1 - 1 - 1			
Perforations: 2236-2265' with 16	holes			 -
remorations; 2200-2200, with it	holes			
retrorautons; 2230-2203, with it				
Coal was encountered at <u>None</u>	Feet	Inche		
Coal was encountered at None Feet	FcetSalt \	Inche	s	
Coal was encountered at None Feet	FcetSalt \	Inche	s	
Coal was encountered at <u>None</u> Fresh water_None Feet	FcetSalt \	Inche	s	
Coal was encountered at None Fresh water_None Feet Producing Sand Injun	Fcet Salt \ Depti	Inche Water None 2236-2	s 265'	Feet
Coal was encountered at None Feet	Fcet Salt \ Depti	Inche	s 265'	
Formation Color Hard or Soft Top Fe	Salt \ Depti	Inche Water None 2236-2	s 265'	Feet
Fromation Color Hard or Soft Top Fe	Salt V Depti	Inche Water None 2236-2	s 265'	Feet
Fromation Color Hard or Soft Top Feat Alle & Red Rock and & Shale Street Allows	Salt V Depti	Inche Water None 2236-2	s 265'	Feet
Fresh was encountered at None Fresh water None Feet Producing Sand Injun Formation Color Hard or Soft Top Feet ale & Red Rock 0 and & Shale 345 990	Salt Depti	Inche Water None 2236-2	s 265'	Feet
Coal was encountered at None Fresh water None Feet Producing Sand Injun Formation Color Hard or Soft Top Feet tale & Red Rock 0 and & Shale 315	Salt V Depti Bottom Feet 345 990 1010 1480	Inche Water None 2236-2	s 265'	Feet

Consolidated Gas Supply Corporation 445 West Main Street Clarksburg, W. Va.

2228-L61

Gas

All measurements taken from K.B. L. above G. L.

(over)

1625

1870

2094

2129

2225

1870

2091

2129

2225

2312

24251

3rd Salt

Big Lime

Big Injun

Sand & Shale

Little Lime

Total Depth

Received
Office of Oil & Gas

MAR 1 4 2016 04/01/2016

^{*} Indicates Electric Log tops in the remarks section.

WW-4-A	
Revised 6/07	

1) Date: March 8, 2016
2) Operator's Well Number
453131 (Haddox W-11488)
3) API Well No.: 47 017 - 01678

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:	5) (a) Coal Operator:	
	(a) Name	Lorie J. and Tracie P. Leonard	Name None	
	Address	2073 Talkington Fork Road	Address	
		Center Point, WV 26369		
	(b) Name		(b) Coal Owner(s) with Declaration	
	Address		Name None	
			Address	
			Address	
	(c) Name		Name	
	Address		Address	
6)	Inspector	Daniel Flack	(c) Coal Lessee with Declaration	
	Address	58 Rive Ave.	Name None	
		Buckhannon, WV	Address	
	Telephone	(304) 545-0109		

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:
By:
Victoria J.Roark
Victoria J.Roark
Permitting Supervisor
Address:
PO Box 280
Bridgeport, WV 26330
Telephone:

Subscribed and sworn before me this
Address:

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My Commission Expires:

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 an process of Oil & Gas about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

MAR 1 4 2016 04/01/2016

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Misty S Christie
1207 Briercliff Rd
Bridgeport, WV 26330

My Commission Expires February 20, 2018



POTENTIAL WATER SAMPLE DATA SHEET

CLIENT: <u>EQT PRODUCTION COMPANY</u>
LEASE NAME AND WELL No. <u>Haddox W-11488 - WV 453131 - API No. 47-017-01678</u>

POTENTIAL SAMPLE LOCATIONS

There appears to be no known water samples within the required 1000' of the existing well WV 453131.

Office of Oil & Gas

BIRCH RIVER OFFICE

237 Birch River Road Birch River, WV 26610 phone: 304-649-8606 fix: 304-649-8608 BRIDGEPORT OFFICE

172 Thompson Drive Bridgeport, WV 26330 phane: 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 MARTINSBURG OFFICE

25 Lights Addition Drive Martinsburg, WV 25404 phone: 304-901-2162

04/01/2016

Topo Quad:	Folsom 7.5'	Scale:	1" = 2000'	
County:	Doddridge	Date:	February 18, 20	16
District:	McClellan	Project No: _	67-30-00-08	
Water	47-017-01678 WV 453	131 (Had	ldox W-114	188)
1300	No Potential Water S	Sources with	thin 1000'	1300/8
	000:100	1,500	WETZEL CO DODDRIDGE CO	1200
1400	8 WV 453131 48-01₹-01678	Opt 1,000	11100	
VA	FRX -015-01678		1000	1200 CR-2
(1000)	900	+ 100	1700	100
Beverlindio.	and the second	1300	00011 -0021	NAD 27, North Zone N:339267.97 E:1693767.96 WGS 84 LAT:39.426503 LONG:-80.583908 ELEV:1234.31
STATE OF THE PARTY	SURVEYING AND MAPPING SERVICES PERFORM ALLEGHENY SURVEYS, 1-800-482-8606 237 Birch River Road Birch River, WV 26610 PH: (304) 649-8606 FAX: (304) 649-8608	INC. E	PARED FOR: QT Production P.O Bridgep	Received ction Company Box 280 MAR 1 2016 ort, WV 26330 04/01/2016

WW-9 Revised 2/03

Page	of			
2) Opera	tor's Wel	l Nur	nber	
453131 (Haddox	W-11	1488)	
3) API W	ell No.:	47	017 -	01678

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

						51
Operator Name:	EQT PRODUCTION	COMPANY		OP ID: _		04
Watershed:	McElro	y Creek	Qua	drangle:	Folsom 7.5'	10
Elevation:	1234 ft. Co	unty: Dodd	ridge	District:	McClellan	
Description of antic	ipated Pit Waste:		For	mation Fluids		
Do you anticipate u Will synthetic liner	sing more than 5,000 b		te the propos so, what ml.?		Yes No_X 10_ml	mil
Proposed Disposal X		ection - UIC Permit Nu umber)	mber			
	icipated for this well? A sed, what type? Synthe d?		ed, etc.	Accessor		
If left in p Landfill o	sal method? Leave in poit and plan to solidify what or offsite name/permit num	t medium will be used? ber?	Cement, Lime,			
issued on August 1 understand that the permit and/or other I certify under pena application form an obtaining the inform	derstand and agree to to to to 2005, by the Office of a provisions of the permisapplicable law or regulately of law that I have ped all attachments thereto attion, I believe that the stor submitting false informed.	Oil and Gas of the We it are enforceable by la ation can lead to enfor rsonally examined and o and that, based on r information is true, ad	est Virginia Di aw. Violation cement actio d am familiar ny inquiry of t curate and c	vision of Environr s of any terms or n. with the information those individuals it omplete. I am aw	nental Protection. I condition of the gen on submitted on this mmediately responsare that there are	eral
Company Offi	cial Signature	1/	nt	11		
Company Offi	cial (Typed or Printed) <u>Victoria Roar</u>	k /			
Company Offi	cial Title	Permitting Supe	rvisor-WV	A		
Subscribed and	sworn before me this	Thirtie day	of N	(arch Notary Publ	, 2016 ic	
My Commission	Expires	200 22000000000000000000000000000000000	my come of the state of the	2/201		
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	STATE OF WES' NOTARY F Misty S C 1207 Briercill Bridgeport, WV My Commission Expires Se	VIRGINIA BUBLIC UBLIC Christie			

			OPERATOR'S V 453131 (Hadde	
	LEG	END		
Property Boundary -	*	Diversion		
Road		Spring	Wet Spot	
rodu	(○	- と	
Planned Fence	Drain Pipe w	ith size in inches	Water Wa	y
//_/		€ 120	← → ←	-
Existing Fence	Stream		Cross Drain	
Open Ditch		ilter Strip	Rock	
North	Building	Water well	Drill site	
N		w	\oplus	
Proposed Revegetation Treatme Lime3Tor Fertilizer (10-20-20) or equ	ns/acre or to correct to p	1± Prevegetation H 6.5 1/3 ton	on pH	os minimum)
Mulch 2 Tor	ns/acre or hydroseed.			
	SEED MIXTUR	ES	Area II	
Area I	the de ann	Cond Tune	Aleali	lbs/acre
Seed Type	lbs/acre	Seed Type		
Red Fescue	<u>40</u> 5	Red Fescue Alsike Clover		15 5
Alsike Clover Annual Rye	15	Alsike Clovel		- 0
Aumaarityo				
Comments:	ed 7.5' topographic sheet.	DAF areas por h	- VDEP red	gulations
	Inspector Yes	Date:3 / 160 /	116	-

Topo Quad:	Folsom 7.5'	Scale:	1" = 2000'	
County:	Doddridge	Date:	February 18, 2016	
	McClellan	Project No:	67-30-00-08	
	47-017-01678 WV 4531	131 (Ha	ddox W-11488)	
The same of the sa	1300 -1300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(A)	N: Out N: Ou	D 27, North Zone 339267.97 1693767.96 GS 84 T:39.426503 NG:-80.583908 EV:1234.31
E H S	SURVEYING AND MAPPING SERVICES PERFORM ALLEGHENY SURVEYS 1-800-482-8606 237 Birch River Road Birch River, WV 26610 PH: (304) 649-8608 FAX: (304) 649-8608		EPARED FOR: EQT Productio P.O. Box Bridgeport, W	280

Topo Quad:	Folsom 7.5'	Scale:	1" = 2000'	
County:	Doddridge	Date:	February 18, 2016	
District:	McClellan	Project No:	67-30-00-08	
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100	Beverlin Fork 1300 1300 1300 1300 1300 1300 1300 13	400	WETZEL CO DODDRIDGE CO	100 (R. 2
goo Beverlinstron	1000 1300 1000 1000 1000 1000 1000 1000	1100	N:33926 E:16937 WGS 84 LAT:39.4 LONG:-8 ELEV:12	426503 80.583908 234.31
SUPPLY STATES	SURVEYING AND MAPPING SERVICES PERFORMS ALLEGHENY SURVEYS, 1-800-482-8606 237 Birch River Road Birch River, WV 26610 PH: (304) 649-8606 FAX: (304) 649-8608	INC. E	QT Production Co	of Oil & Gas Ompany 1 4 2016

WW-9 Revised 2/03

Page	of						
2) Opera	tor's We	ll Nur	nber				
453131 (Haddox W-11488)							
3) API W	ell No.:	47	017 -	01678			

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 PRODU	CTION COMPANY		OP ID:		
Watershed:		McElroy Creek		Quadrangle:	Folsom	
Elevation:	1234 ft.	County:	Doddridge	District:	McCle McCle	llan
Description of anti	cipated Pit Waste	:		Formation Fluids		-
Do you anticipate Will synthetic liner	AND AND ASSESSMENT OF THE PARTY		to complete the pro ls so, what	50 contractions	_10 mt	_ No <u>X</u> _
Proposed Disposa	Land Appl Undergrou Reuse (at Offsite Dis	ication Ind Injection - UIC API Number) posal Permit #.	Permit Number	of ZO m	ts must be Lthekness	- lineal with synthetic line
	ased, what type?	well? Air, freshwat Synthetic, petroleu				
If left in	osal method? Lea		emove offsite, etc. be used? Cement, L	ime, sawdust		
issued on August of understand that the permit and/or othe I certify under penapplication form are obtaining the information.	 2005, by the Of e provisions of the r applicable law o alty of law that I had all attachments mation, I believe t 	fice of Oil and Gas e permit are enforc r regulation can lea ave personally exa thereto and that, that that the information	d conditions of the of the West Virgini eable by law. Viola and to enforcement a mined and am fami passed on my inquiry is true, accurate ar cluding the possibili	a Division of Environtions of any terms of any terms of any terms of a ction. Iliar with the information of those individual and complete. I amai	onmental Prote or condition of ation submitted is immediately aware that the	ection. I the general d on this responsible for
Company Off	icial Signature	PRINCE NAME OF THE PRINCE NAME O	Vist			
Company Off	icial (Typed or F	rinted) Victo	oria Roark	No.		
Company Off	icial Title	Permitt	ing Supervisor-W	4		
Subscribed and	d sworn before me	0.1	day of	Notary Pu	ublic	2016
, 03//////////	WANNAM A	STA	OFFICIAL SEAL TE OF WEST VIRGINIA NOTARY PUBLIC	7/2		Received

Misty S Christie
1207 Briercliff Rd
Bridgeport, WV 26330
My Commission Expires February 20, 2016

Office of Oil & Gas

MAR 04/01/2016

OPERATOR'S WELL NO.: 453131 (Haddox W-11488)

LEGEND

Open Ditch North Building Water well Pit with Cut Walls Pit with Compacted Walls Prevegetation 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 SEED MIXTURES Area I	Property Boundary 4		Diversion			
Planned Fence Drain Pipe with size in inches Water Way Existing Fence Stream Cross Drain Existing Fence Stream Cross Drain North Artificial Filter Strip Rock XXXX North Building Water well Drill site Pit with Cut Walls Pit with Compacted Walls Area of Land Application of Pit with Cut Walls Pit with Compacted Walls Area of Land Application of Pit with Cut Walls Pit with Compacted Walls Area of Land Application of Pit with Cut Walls Pit with Compacted Walls Area of Land Application of Pit with Cut Walls Pit with Compacted Walls Area of Land Application of Pit with Cut Walls Pit with Compacted Walls Area of Land Application of Pit with Cut Walls Pit with Compacted Walls Area of Land Application of Pit with Cut Walls Pit with Compacted Walls Area of Land Application pit with Compacted Walls Area of Land Application pit with Cut Walls Pit with Compacted Walls Area of Land Application. Pit with Cut Walls Pit with Compacted Walls Area of Land Application. Pit with Cut Walls Pit with Compacted Walls Area of Land Application. Pit with Cut Walls Pit with Compacted Walls Area of Land Application. Pit with Cut Walls Pit with Compacted Walls Area of Land Application. Pit with Cut Walls Pit with Compacted Walls Area of Land Application pit with Cut Walls Pit with Compacted Walls Area of Land Application pit with Cut Walls Pit with Compacted Walls Area of Land Application pit with Cut Walls Pit with Compacted Walls Area of Land Application pit with Cut Walls Pit with Compacted Walls Area of Land Application pit with Cut Walls Pit with Cut Wal			Spring	Wet Spot		
Planned Fence Cross Drain Cross Drain Cross Drain			\bigcirc	₩		
Existing Fence XXXX Open Ditch Artificial Filter Strip North Building Water well Pit with Cut Walls Pit with Compacted Walls Area of Land Application of Discord Revegetation Treatment: Acres Disturbed: Ithe 3 Tons/acre or to correct to pH 6.5 Fertilizer (10-20-20) or equivalent 1/3 ton Ibs/acre (500 lbs) Mulch 2 Tons/acre or hydroseed. SEED MIXTURES Area I Seed Type Red Fescue Alsike Clover Alsike Clover Alsike Clover Photocopies section of involved 7.5' topographic sheet. Plan approved by:		Drain Pipe	with size in inches	Water Way		
Open Ditch Artificial Filter Strip Rock North Building Water well Drill site W Pit with Cut Walls Pit with Compacted Walls Area of Land Application of Discretification of Strip Stri	_/_/_/		- 1 2	← → ←	-	
North Building Water well Drill site W Pit with Cut Walls Pit with Compacted Walls Area of Land Application of osed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH ime 3 Tons/acre or to correct to pH 6.5 fertilizer (10-20-20) or equivalent 1/3 ton Ibs/acre (500 lbs fulch 2 Tons/acre or hydroseed. SEED MIXTURES Area I Seed Type Red Fescue Alsike Clover Innual Rye 15 Alsike Clover Innual Rye 15 INTACH: Irrawing(s) of road, location, pit and proposed area for land application. hotocopies section of involved 7.5' topographic sheet. Ian approved by:		Strea ✓ ✓ ✓ ✓	Stream		Cross Drain	
North	•		*	_		
Pit with Cut Walls Pit with Compacted Walls Area of Land Application of Discount Cut Walls Prevegetation Treatment: Acres Disturbed: 1± Prevegetation pH Discount Control of Discoun)	··-	XXX	8666		
Pit with Cut Walls Pit with Compacted Walls Area of Land Application of Prevegetation Treatment: Acres Disturbed: 1± Prevegetation pH Image: 1 Prevegetation pH Image: 3 Tons/acre or to correct to pH Image: 6.5 Prevegetation pH Image: 4.5 Pr	North	Building	Water well	Drill site		
posed Revegetation Treatment: Acres Disturbed: 1± Prevegetation pH	N		W	\oplus		
SEED MIXTURES Area I Seed Type Ibs/acre Red Fescue Alsike Clover Annual Rye 15 ATTACH: Drawing(s) of road, location, pit and proposed area for land application. Photocopies section of involved 7.5' topographic sheet.	-	•		n pH		
SEED MIXTURES Area I Seed Type Ibs/acre Seed Type Red Fescue Alsike Clover Innual Rye Alsike Clover Innual Rye Seed Type Alsike Clover Alsike Clover Innual Rye Is rawing(s) of road, location, pit and proposed area for land application. hotocopies section of involved 7.5' topographic sheet. Ian approved by:	rtilizer (10-20-20) or equ	ivalent	1/3 ton	Ibs/acre (500 I	bs minimum	
Area I Seed Type Ibs/acre Red Fescue Alsike Clover Innual Rye Alsike Clover Is Area II Area In Area II Area In	ulch <u> </u>	s/acre or hydroseed.		·		
Seed Type Red Fescue Alsike Clover Innual Rye ATTACH: Drawing(s) of road, location, pit and proposed area for land application. Photocopies section of involved 7.5' topographic sheet.		CEED MIVTI	DEC			
Red Fescue 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:		SEED MINIT	KES			
Alsike Clover Alsike Clover Alsike Clover Alsike Clover TTACH: Trawing(s) of road, location, pit and proposed area for land application. hotocopies section of involved 7.5' topographic sheet. lan approved by:		SEED WILLIE	KES	Area II		
TTACH: rawing(s) of road, location, pit and proposed area for land application. hotocopies section of involved 7.5' topographic sheet. lan approved by:				Area II	lbs/acre	
ATTACH: Prawing(s) of road, location, pit and proposed area for land application. Protocopies section of involved 7.5' topographic sheet. Ian approved by:	eed Type d Fescue	lbs/acre	Seed Type	Area II	Ibs/acre 15	
Prawing(s) of road, location, pit and proposed area for land application. Photocopies section of involved 7.5' topographic sheet. Plan approved by:	eed Type d Fescue sike Clover	Ibs/acre 40 5	Seed Type Red Fescue	Area II		
omments:	eed Type d Fescue sike Clover	Ibs/acre 40 5	Seed Type Red Fescue	Area II	15	
itle: Date: Office of O	eed Type d Fescue sike Clover nual Rye TACH: awing(s) of road, location, potocopies section of involve	Ibs/acre 40 5 15 oit and proposed area fored 7.5' topographic shee	Seed Type Red Fescue Alsike Clover r land application. t.		15 5	
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ield Reviewed? Yes No NAP 1 4	eed Type Id Fescue Sike Clover Inual Rye TACH: Bawing(s) of road, location, potocopies section of involve In approved by: Imments:	Ibs/acre 40 5 15 oit and proposed area fored 7.5' topographic shee	Red Fescue Alsike Clover r land application.		15 5	



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

API: 47-017-01678 WELL NO.: WV 453131 (Haddox W-11488)	<u></u>
FARM NAME: J. L. Haddox	<u></u>
RESPONSIBLE PARTY NAME:EQT Production Company	_2
COUNTY:Doddridge DISTRICT:McClellan	
QUADRANGLE: Folsom 7.5'	_:
SURFACE OWNER: Lorie J. and Tracie P. Leonard	mail.
ROYALTY OWNER: Ercel Ashcraft, et al.	
UTM GPS NORTHING: 4364190 .	
UTM GPS EASTING: 535813 . GPS ELEVATION: 376 m (1234 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 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.	
And Orthoner of the Of	Received fice of Oil & Gas MAR 1 4 2016
Signature P5 # 2180 3/1/16 Of Date	MAR 1 4 2016

04/01/2016

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