

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

December 16, 2014

WELL WORK PERMIT

Horizontal 6A Well

This permit, API Well Number: 47-10303039, 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.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.

Chief

James Martin

Operator's Well No: 513984

Farm Name: SCYOC, SHARON ANN

API Well Number: 47-10303039

Permit Type: Horizontal 6A Well

Date Issued: 12/16/2014

API Number: 4710303039

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) 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. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 8. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.
- 9. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

4710303039

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS W.VA. CODE §22-6A - WELL WORK PERMIT APPLICATION

) Well Operator: EQT Production	on Company			103		4	548
		Oper	ator ID	County	District		Quadrangle
e) Operator's Well Number:		513984		_Well Pad Na	me:	PN	IG103
) Farm Name/Surface Owner :	Sharon Ann Scyoc			Public Road Access: 20		20	
) Elevation, current ground:	1,458.0	Elevation, pr	roposed p	ost-constructio	n:	,458.0	_
) Well Type: (a) Gas	Oil	Undergro	und Stora	age			
Other							
(b) If Gas:	Shallow	• D	еер				
ŀ	Horizontal	74.5					
) Existing Pad? Yes or No:	yes						
) Proposed Target Formation(s), I Target formation is Middlesex at a		ipated Thicknesses with the anticipated th				et pressure	e of 4724 P
100 000 0 The reached like the control of the contr						et pressure	e of 4724 P
Target formation is Middlesex at a Proposed Total Vertical Depth:	depth of 721	5 with the anticipated th	ickness to b	e 50 feet and ar		et pressure	e of 4724 P
Proposed Total Vertical Depth:) Formation at Total Vertical Dept	h:	5 with the anticipated th	ickness to b	e 50 feet and ar 7215 Middlesex		et pressure	e of 4724 P
Proposed Total Vertical Depth: Formation at Total Vertical Dept O) Proposed Total Measured Dept	h:th:	5 with the anticipated th	ickness to b	7215 Middlesex 14,833		et pressure	e of 4724 P
Target formation is Middlesex at a Proposed Total Vertical Depth: Formation at Total Vertical Depth Proposed Total Measured Depth Proposed Horizontal Leg Length	h:th:th	5 with the anticipated th	ickness to b	7215 Middlesex 14,833 6,470	nticipated targ	et pressure	e of 4724 P
Target formation is Middlesex at a proposed Total Vertical Depth: Formation at Total Vertical Depth Proposed Total Measured Depth Proposed Horizontal Leg Length Approximate Fresh Water Strat	h:th:th:th Depths:	5 with the anticipated th	ickness to b	7215 Middlesex 14,833 6,470 66,141,	nticipated targ	et pressure	e of 4724 P
Target formation is Middlesex at a an a	h:th:th Depths:	5 with the anticipated th	ickness to b	7215 Middlesex 14,833 6,470 66,141, By offset	nticipated targ	et pressure	e of 4724 P
Target formation is Middlesex at a at a second proposed Total Vertical Depth: Formation at Total Vertical Depth: Proposed Total Measured Depth: Proposed Horizontal Leg Length: Approximate Fresh Water Strath Method to Determine Fresh Water Approximate Saltwater Depths:	h:th:th:ta Depths:_ater Depth:	5 with the anticipated th	ickness to b	7215 Middlesex 14,833 6,470 66,141, By offset 2187, 2487	777 wells	et pressure	e of 4724 P
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Target formation is Middlesex at a at a a second proposed Total Vertical Depth:) Proposed Total Vertical Depth:) Proposed Total Measured Depth: 1) Proposed Horizontal Leg Length 2) Approximate Fresh Water Strath 3) Method to Determine Fresh Water Approximate Saltwater Depths: 5) Approximate Coal Seam Depth	h:	5 with the anticipated th	ickness to b	7215 Middlesex 14,833 6,470 66,141, By offset 2187, 2487	777 wells	et pressure	
Target formation is Middlesex at a proposed Total Vertical Depth: Formation at Total Vertical Depth: Formation at Total Vertical Depth: Proposed Total Measured Depth: Proposed Horizontal Leg Lenging: Approximate Fresh Water Strain Method to Determine Fresh Water Approximate Saltwater Depths: Approximate Coal Seam Depth: Approximate Depth to Possible 17) Does proposed well location	h: th: ta Depths: ater Depth: : void (coal min	5 with the anticipated th	ying or	7215 Middlesex 14,833 6,470 66,141, By offset 2187, 2487 1054, 1161	777 wells	ne report	
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DAH 9-3-14

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Office of Oil and Gas

SEP 0 \$ 2014

INIV Department of Environmental Protection

CASING AND TUBING PROGRAM

18)

18) TYPE	Size	New	Grade	Weight per	FOOTAGE:	INTERVALS:	CEMENT:
		or		ft.	for Drilling	Left in Well	Fill- up (Cu.Ft.)
		Used					
Conductor	26	New	MC-50	77	80	80	98 C.T.S.
Fresh Water	13 3/8	New	MC-50	54	1,299	1,299	1,118 C.T.S.
Coal	-	-	-	_		_	<u>-</u>
Intermediate	9 5/8	New	MC-50	40	3,367	3,367	1,307 C.T.S.
Production	5 1/2	New	P-110	20	14,833	14,833	See Note 1
Tubing	2 3/8		J-55	4.6			May not be run, if run will be set 100' less than TD
Liners							

TYPE	<u>Size</u>	Wellbore Diameter	<u>Wall</u> <u>Thickness</u>	<u>Burst</u> <u>Pressure</u>	Cement Type	Cement Yield (cu. ft./k)
Conductor	26	30	0.312		Construction	1.18
Fresh Water	13 3/8	17 1/2	0.38	2,480	* See Note 2	1.21
Coal						
Intermediate	9 5/8	12 3/8	0.395	3,590	* See Note 2	1.21
Production	5 1/2	8 1/2	0.361	12,640	-	1.27/1.86
Tubing						
Liners						_

Packers

Kind:	N/A		
Sizes:	N/A		
Depths Set:	N/A		

Note 1: EQT plans to bring the TOC on the production casing cement job 1,000' above kick off point, which is at least 500' above the shallowest production zone, to avoid communication.

Note 2: Reference Variance 2014-17. (Attached)

Page 2 of 3

DMH 6-3-14

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Office of Oil and Gas

SEP 09 2014

WV Department of Environmental Fragestien



August 12, 2014

Mr. Gene Smith West Virginia Department of Environmental Protection Office of Oil and Gas 601 57th Street SE Charleston, WV 25304

Re: Casing on Well 513983 & 513984 (PNG103)

Dear Mr. Smith,

EQT is requesting the 13-3/8" surface casing be set at 1299' KB, 50' below the red rock base at 1249' without setting below elevation. The previous wells drilled on this pad set 13-3/8" casing at approximately 850' KB. This will cover up red rock formations that have given EQT drilling issues in the past. We will set the 9-5/8" intermediate string at 3367' KB, 50' below the base of the Gordon formation.

If you have any questions, please do not hesitate to contact me at (304) 848-0076.

Sincerely,

Vicki Roark Permitting Supervisor

Enc.

DM4 9-3-19

Office of Oil and Gas

SEP 0 9 2014

WAY Department of Environmental Protection

(3/13)

19) Describe proposed well work, including the drilling and plugg	ging back of any pilo	ot hole:
Drill and complete a new horizontal well in the Middlesex formation. The ve	rtical drill to go down to a	n approximate depth of 5930 then
kick off the horizontal leg into the Middlesex using a slick water frac.		
20) Describe fracturing/stimulating methods in detail, including a		
Hydraulic fracturing is completed in accordance with state regulations using wate freshwater sources. This water is mixed with sand and a small percentage (less	r recycled from previousl than 0.3%) of chemicals	y fractured wells and obtained from (including 15% Hydrochloric acid,
gelling agent, gel breaker, friction reducer, biocide, and scale inhibitor), referred t	o in the industry as a "sli	ckwater" completion. Maximum
anticipated treating pressures are expected to average approximately 8500 psi, n	naximum anticipated trea	ting rates are expected to average
approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average appr		ls of water per stage. Sand sizes
vary from 100 mesh to 20/40 mesh. Average approximately 200,000 pounds of	sano per stage.	
21) Total area to be disturbed, including roads, stockpile area, p	its, etc, (acres):	no additional disturbance
22) Area to be disturbed for well pad only, less access road (acr	es):	no additional disturbance
23) Describe centralizer placement for each casing string.		
Surface: Bow spring centralizers – One at the shoe and one spring centralizers – One at the shoe and one spring centralizers.		v E00'
 Intermediate: Bow spring centralizers— One cent at the shoe at Production: One spaced every 1000' from KOP to Int csg shoe 		y 500 .
Thouselon. One spaced every 1000 hom Nor to like ong anoc		
24) Describe all cement additives associated with each cement Used to speed the setting of cement slurries.	type. <u>Surface</u>	(Type 1 Cement): 0-3% Calcium Chloride
0.4% flake. Loss Circulation Material (LCM) is used to combat the loss	of the cement slurry t	o a thief zone.
Intermediate (Type 1 Cement): 0-3% Calcium Chloride. Salt is used in sha	llow, low temperature t	formations to speed the setting of cement
slurries. 0.4% flake. Loss Circulation Material (LCM) is used to combat	the loss of whole drill	ing fluid or cement slurry (not filtrate)
to a thief zone.		
<u>Production:</u>		
Lead (Type 1 Cement): 0.2-0.7% Lignosulfonate (Retarder). Lengthens th	ickening time.	
0.3% CFR (dispersant). Makes cement easier to mix.		
Tail (Type H Cement): 0.25-0.40% Lignosulfonate (Retarder). Lengthens t	hickening time.	
0.2-0.3% CFR (dispersant). This is to make the cement easier to mix.		
60 % Calculm Carbonate. Acid solubility.		
0.4-0.6% Halad (fluid loss). Reduces amount of water lost to formation	l .	
25) Proposed borehole conditioning procedures. <u>Surface: Circul</u>		
one full joint until cuttings diminish at surface. When cuttings returning	-	
minutes. To ensure that there is no fill, short trip two stands with no cir		
and circulate hole clean. A constant rate of higher than expected cutting	ngs volume likely indic	ates washouts that will not clean up.
Intermediate: Circulate hole clean (Approximately 30-45 minutes) rotating	& reciprocating one full	joint until cuttings diminish at
surface. When cuttings returning to surface diminish, continue to circu	late an additional 5 m	inutes. If foam drilling, to enhance
hole cleaning use a soap sweep or increase injection rate & foam conc		FCENED
Production: Pump marker sweep with nut plug to determine actual hole wa	shout. Calculate a gaug	ge holes bottoms up volume.RECEI and Gas
<u>Production</u> : Pump marker sweep with nut plug to determine actual hole wa <u>Perform a cleanup cycle by pumping</u> 3-5 bottoms up or until the shaker the shakers every 15 minutes.	rs are clean. Check vo	Diume of Cuttings Counting across
the shakers every 15 minutes.		5
		WV Department of
*Note: Attach additional sheets as needed.	Dm 1)	WV Hahman amtection



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 dep.wv.gov

March 18, 2014

Nabors Completion & Production Services Company 1380 Route 286 Hwy E #121 Indiana PA 15701

Re: Cement Variance Request

Dear Sir or Madam,

This agency is approving a variance request for the cement blend listed below to be used on surface and coal protection strings for the drilling of oil and gas wells in the state of West Virginia. The variance cannot be used without requesting its use on a permit application and approval by this agency:

Type 1 (2% Calcium Chloride-Accelerator, 0.25% Super Flake-Lost Circulation, 5.2% Water, 94% Type "1" Cement)

Sincerely

If you have any questions regarding this matter feel free to contact me at 304-926-0499, ext. 1653.

JOHNES ()

Environmental Resources Specialist / Permitting

Promoting a healthy environment.

Received



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 dep.wv.gov

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

IN THE MATTER OF A VARIANCE FROM)	ORDER NO.	2014 - 17
REGULATION 35 CSR § 4-11.4/11.5/14.1)		
AND 35 CSR § 8-9.2.h. 4/5/6/8 OF THE)		
THE OPERATIONAL)	•	
REGULATIONS OF CEMENTING OIL)		
AND GAS WELLS)		

REPORT OF THE OFFICE

Nabors Completion & Production Services Co. requests approval of a different cement blend for use in cementing surface and coal protection casing of oil and gas wells.

FINDINGS OF FACT

- 1.) Nabors Completion & Production Services Co. proposes the following cement blend:
 - 2% Calcium Chloride (Accelerator)
 - 0.25 % Super Flake (Lost Circulation)
 - 94% Type "1" Cement
 - 5.20 % Water
- Laboratory testing results indicate that the blend listed in Fact No.1 will achieve a 500
 psi compressive strength within 6 hours and a 2,435 psi compressive strength within 24
 hours.

Promoting a healthy environment.

Received

CONCLUSIONS OF LAW

Pursuant to Articles 6 and 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter embraced in said notice, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to 35 CSR § 4-11.5 and 35 CSR § 8-9.2.h.8 the Chief of the Office of Oil and Gas may approve different cement blends upon the well operator providing satisfactory proof that different cement types are adequate.

ORDER

It is ordered that Nabors Completion & Production Services Co. may use the cement blend listed in Findings of Fact No.1 for the cementing of surface and coal protection casing of oil and gas wells in the State as may be requested by oil and gas operators. The waiting time on the cement blend shall be 8 hours. The cement blend shall be mixed in strict accordance with the specifications for each blend and weight measurements made on-site to assure the cement slurries meet the minimum weight specifications. A sample shall be collected and, if after 8 hours the cement is not set up, additional time will be required. Nabors Completion & Production Services Co. shall keep a record of cement blend jobs in which the cement blend approved under this order is to be used and made available to the Office of Oil and Gas upon request.

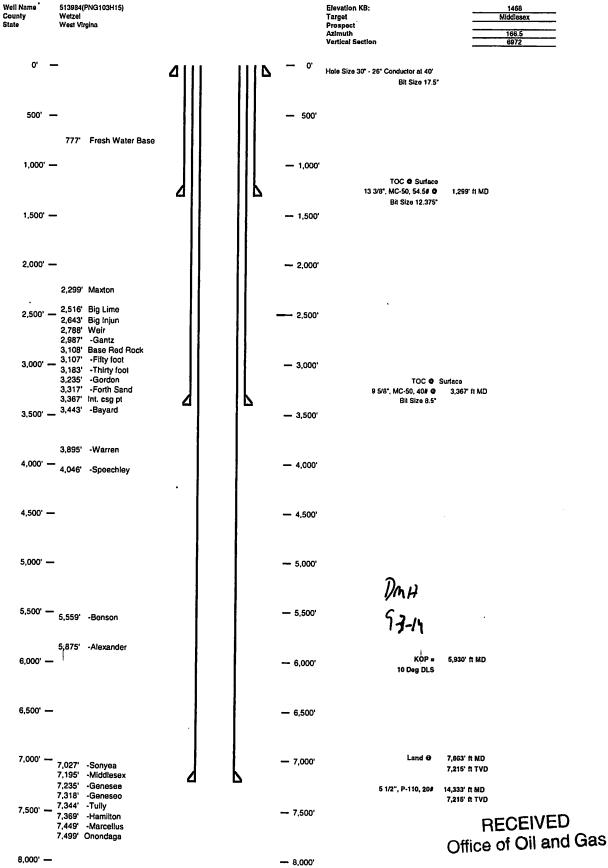
Dated this, the 18th day of March, 2014.

IN THE NAME OF THE STATE OF WEST VIRGINIA

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

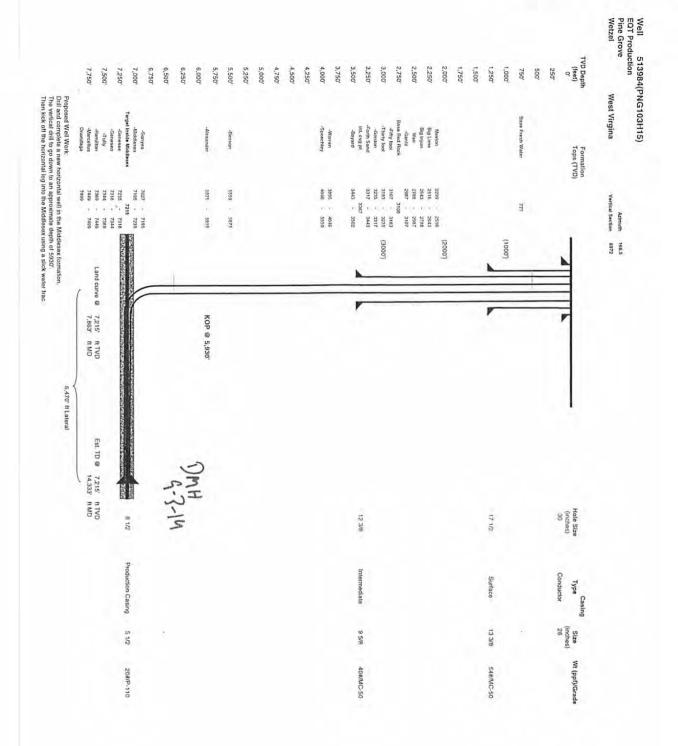
James Martin, Chief Office of Oil and Gas

Received



SEP 09 2014

WV Department of Environmental Pretection



RECEIVED Office of Oil and Gas

SEP 0 9 2014

WV Department of Environmental Protection 12/19/2014 WW-9 (5/13) API No. 47 103 0
Operator's Well No. 513984

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

Fluids/Cuttings Disposal & Reclamation Plan

Operator Name	EQT Production Co.		OP Code		
Watershed (HUC10)	Upper Run	Quadra	angle	Pine Grove	_
Elevation145	8.0 County	Wetzel	District	Grant	
Do you anticipate using mor	e than 5,000 bbls of water t	o complete the pro	posed well work'	Yes x No _	=
Will a pit be used ? Yes:	No: X anticipated pit waste:				
Will a synthetic liner Proposed Disposal	Method For Treated Pit W Land Application Underground Injection Reuse (at API Number	astes: (UIC Permit Nu		, 8462, 4037	<u>)</u>
	Off Site Disposal (Su Other (Explain	oply form WW-9 fo	r disposal locatio	n)	1
Will closed loop system be ufluid. The drill cuttings are the		op system will remov o an off-site disposal		n the drilling	<u> </u>
Drilling medium anticipate	d for this well? Air, freshwa	er, oil based, etc.		d Pilot hole sections, water based	
If oil based, what Additives to be used in drilling Deflocculant, Lubricant, Detergent		iscosifer, Alkalinity Cor	trol, Lime, Chloride S	Salts,Rate Filtration Control	
generally used when drilling on air: viscosifer, alkalinity control, lime, cl					- DAH
x-cide, SOLTEX terra Drill cuttings disposal meth If left in pit and plan	nod? Leave in pit, landfill, re n to solidify what medium will be u name/permit number?	moved offsite, etc. sed? (Cement, Line, sa		Landfill n/a	- 9-3-19 -
on August 1, 2005, by the Office of provisions of the permit are enforce or regulation can lead to enforcement	eable by law. Violations of any terrent action. that I have personally examined its thereto and that, based on my information is true, accurate, and cling the possibility of fine or impriso	Department of Environs on or condition of the get and am familiar with the equiry of those individual complete. I am aware the	mental Protection. I uneral permit and/or of information submitted is immediately respondent there are significant.	inderstand that the ther applicable law and on this posible for obtaining	
Subscribed and sworn befor	re me this	day of	ugest	, 20 JP Offic Notary Public	RECEIVED e of Oil and Gas
My commission expires	8-24	1-22			OFFICIAL SEAL STATE OF WEST VIRGINIA STATE OF WEST VIRGINIA PAmeia Sykes EOT Production PO Box 280 My Commission Expires Aug. 24, 2022

4710303039

			Operato	r's Well No.	513984
Proposed Revegetati	on Treatment: Acre	s Disturbed	no additional disturbance	Prevegetation pH	6.5
Lime	3 1	Tons/acre or to correct to pH		6.5	
Fertilize type					
Fertilizer Am	nount1/3	Blbs	/acre (500 lbs minimum)		
Mulch	2		Tons/acre		
			Seed Mixtures		
	Temporary		Cood Trans	Permanent	
Seed Type KY-31	lbs/acr 40	e 	Seed Type Orchard Grass		acre
Alsike Clover			Alsike Clover	5	
Annual Rye	15				
Drawing(s) of road, lo					
Plan Approved by:	p				
Comments:					
-					
Title: 0:11	Car Tarre	1.0	Date: 9-3-/9	1	
Title: 0:1 +	The second secon				
Field Reviewed?	() Y	es () No	

RECEIVED
Office of Oil and Gas

SEP 0 9 2014

EQT Production Water plan Offsite disposals for Marcellus wells

4710303039

CWS TRUCKING INC.

P.O. Box 391 Williamstown, WV 26187 740-516-3586 Noble County/Noble Township Permit # 3390

LAD LIQUID ASSETS DISPOSAL INC.

226 Rankin Road Washington, PA 15301 724-350-2760 724-222-6080 724-229-7034 fax Ohio County/Wheeling Permit # USEPA WV 0014

TRI COUNTY WASTE WATER MANAGEMENT, INC.

1487 Toms Run Road Holbrook, PA 15341 724-627-7178 Plant 724-499-5647 Office Greene County/Waynesburg Permit # TC-1009

Waste Management - Meadowfill Landfill

Rt. 2, Box 68 Dawson Drive Bridgeport, WV 26330 304-326-6027 Permit #SWF-1032-98 Approval #100785WV

Waste Management - Northwestern Landfill

512 E. Dry Road Parkersburg, WV 26104 304-428-0602 Permit #SWF-1025 WV-0109400 Approval #100833WV

BROAD STREET ENERGY LLC

37 West Broad Street Suite 1100 Columbus, Ohio 43215 740-516-5381 Washington County/Belpre Twp. Permit # 8462

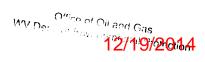
TRIAD ENERGY

P.O. Box 430
Reno, OH 45773
740-516-6021 Well
740-374-2940 Reno Office Jennifer
Nobel County/Jackson Township
Permit # 4037

KING EXCAVATING CO.

Advanced Waste Services 101 River Park Drive New Castle, Pa. 16101 Facility Permit# PAR000029132





Office of Oil and Gas

SEP 0 9 2014

WV Department of Environmenta Property



Site Specific Safety Plan

EQT PNG103 Pad

Pine Grove

Wetzel County, WV

For Wells:

	Date Prepared:	August 22, 2014
The fik	- Date Frequency.	1.
Delmitting Superiors	-ny	WV Oil and Gas Inspector Oil + Ger Josepher
	-	Tial-
G W		Title 9-7-19

