

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

October 21, 2014

WELL WORK PERMIT

Horizontal 6A Well

This permit, API Well Number: 47-1706573, 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.

James Martin

Chief

Operator's Well No: 513344

Farm Name: BUTLER, FRANKLIN L. & KEY O

API Well Number: 47-1706573

Permit Type: Horizontal 6A Well

Date Issued: 10/21/2014

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. <u>Failure to adhere to the specified permit</u> 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.

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

	tion Company		017	8	671	
		Operator ID	County [District	Quadrangle	
2) Operator's Well Number:	51334	4	_Well Pad Name:_		WEU6	
3) Farm Name/Surface Owner : _	Franklin Butler	& Key Oil Co.	_ Public Road Acce	ess:	State Route 18	
4) Elevation, current ground:	1260' E	levation, proposed p	ost-construction:	1260'		
5) Well Type: (a) Gas	Oil	_Underground Store	ige			
Other						
(b) If Gas:	Shallow _ •	Deep				()
	Horizontal	-				DCJ DIA
6) Existing Pad? Yes or No:	yes					DCN 9-14-2014
	a depth of 6903' with the				ure of 4651 PSI	
0.0			4.424			
			6,903			
9) Formation at Total Vertical Dept	th:		Marcellus			
 Formation at Total Vertical Dept Proposed Total Measured Dept 	th:		Marcellus 14,023			
 Formation at Total Vertical Dept Proposed Total Measured Dept Proposed Horizontal Leg Leng 	th: oth		Marcellus 14,023 3,790			
 Formation at Total Vertical Dept Proposed Total Measured Dept Proposed Horizontal Leg Leng Approximate Fresh Water Stra 	th: oth_ oth ta Depths:		Marcellus 14,023 3,790 353, 465, 508, 967,			
 Formation at Total Vertical Dept Proposed Total Measured Dept Proposed Horizontal Leg Leng Approximate Fresh Water Strat Method to Determine Fresh Water 	th: oth oth ota Depths: ater Depth:		Marcellus 14,023 3,790 353, 465, 508, 967, By offset wells			
 Formation at Total Vertical Dept Proposed Total Measured Dept Proposed Horizontal Leg Leng Approximate Fresh Water Stra Method to Determine Fresh W Approximate Saltwater Depths 	th:th pth pth ata Depths: ater Depth:		Marcellus 14,023 3,790 353, 465, 508, 967, By offset wells one reported			
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 9) Formation at Total Vertical Dept 10) Proposed Total Measured Dept 11) Proposed Horizontal Leg Leng 12) Approximate Fresh Water Stra 13) Method to Determine Fresh Water 14) Approximate Saltwater Depths 15) Approximate Coal Seam Depth 16) Approximate Depth to Possible 17)Does proposed well location adjacent to an active mine? 	th: pth pth ata Depths: ater Depth: s: void (coal mine, kars contain coal seams d	t, other): rectly overlying or	Marcellus 14,023 3,790 353, 465, 508, 967, By offset wells one reported 188	None repo		
 10) Proposed Total Measured Dep 11) Proposed Horizontal Leg Leng 12) Approximate Fresh Water Stra 13) Method to Determine Fresh Water 14) Approximate Saltwater Depths 15) Approximate Coal Seam Depth 16) Approximate Depth to Possible 17) Does proposed well location adjacent to an active mine? 	th: oth ath ta Depths: ater Depth: s: o Void (coal mine, kars contain coal seams d Name: Depth:	it, other): rectly overlying or	Marcellus 14,023 3,790 353, 465, 508, 967, By offset wells one reported 188	None repo		

Page 1 of 3

CASING AND TUBING PROGRAM

18)

TYPE	Size	New or Used	Grade	Weight per ft.	FOOTAGE: for Drilling	INTERVALS: Left in Well	CEMENT: Fill- up (Cu.Ft.)
Conductor	20	New	MC-50	81	40	40	C.T.S.
Fresh Water	13 3/8	New	MC-50	54	1,131	1,131	C.T.S.
Coal	144)	8	C#O	-	en en en	l let	-
Intermediate	9 5/8	New	MC-50	40	3,100	3,100	C.T.S.
Production	5 1/2	New	P-110	20	14,023	14,023	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							

PCN 2014	
9-149	

TYPE	Size	Wellbore Diameter	<u>Wall</u> <u>Thickness</u>	Burst Pressure	Cement Type	Cement Yield (cu. ft./k)
Conductor	20	24	0.375	4	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			1			
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.

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10/24/2014 RECEIVED Office of Oil and Gas

AUG 1 9 2014

WV Department of Environmental Protection



August 6, 2014

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

Re: WEU6 (513342, 513344)

Dear Mr. Smith,

EQT is requesting the 13 3/8" surface casing to be set at approximately 1131' KB (100' below freshwater). 9 5/8" intermediate casing will be set 29' below the Bayard formation at 3100' KB based on casing points of existing wells (47-017-06323 & 47-017-06325) on the pad.

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

Sincerely,

Vicki Roark

Permitting Supervisor-WV

Enc.

10/24/2014

RECEIVED Office of Oil and Gas

AUG 1 9 2014

*Note: Attach additional sheets as needed.

(3/13)

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:				
Orill and complete a new horizontal well in the Marcellus formation. The vertical drill to go down to an approximate depth of 5116'. Then				
kick off the horizontal leg into the Marcellus using a slick water frac.				
20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:				
Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from freshwater sources. This water is mixed with sand and a small percentage (less than 0.3%) of chemicals (including 15% Hydrochloric acid,				
gelling agent, gel breaker, friction reducer, biocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum				
anticipated treating pressures are expected to average approximately 8500 psi, maximum anticipated treating rates are expected to average				
approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 200,000 barrels of water per stage. Sand sizes vary from 100 mesh to 20/40 mesh. Average approximately 200,000 pounds of sand per stage.				
21) Total area to be disturbed, including roads, stockpile area, pits, etc, (acres): no additional disturbance				
22) Area to be disturbed for well pad only, less access road (acres): no additional disturbance				
23) Describe centralizer placement for each casing string.				
Surface: Bow spring centralizers – One at the shoe and one spaced every 500'. Intermediate: Bow spring centralizers – One cent at the shoe and one spaced every 500'.				
Production: One spaced every 1000' from KOP to Int csg shoe				
CA) Describe all company additions are sinted with each company time.				
24) Describe all cement additives associated with each cement type. Used to speed the setting of cement slurries. Surface (Type 1 Cement): 0-3% Calcium Chloride				
0.4% flake. Loss Circulation Material (LCM) is used to combat the loss of the cement slurry to a thief zone.				
Intermediate (Type 1 Cement): 0-3% Calcium Chloride. Salt is used in shallow, low temperature formations to speed the setting of cement				
slurries. 0.4% flake. Loss Circulation Material (LCM) is used to combat the loss of whole drilling fluid or cement slurry (not filtrate) to a thief zone.				
Production:				
Lead (Type 1 Cement): 0.2-0.7% Lignosulfonate (Retarder). Lengthens thickening time.				
0.3% CFR (dispersant). Makes cement easier to mix.				
Tail (Type H Cement): 0.25-0.40% Lignosulfonate (Retarder). Lengthens thickening time.				
0.2-0.3% CFR (dispersant). This is to make the cement easier to mix.				
60 % Calcuim Carbonate. Acid solubility.				
0.4-0.6% Halad (fluid loss). Reduces amount of water lost to formation.				
25) Proposed borehole conditioning procedures. <u>Surface</u> : 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 circulate an additional 5				
minutes. To ensure that there is no fill, short trip two stands with no circulation. If there is fill, bring compressors back on				
and circulate hole clean. A constant rate of higher than expected cuttings volume likely indicates 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 circulate an additional 5 minutes. If foam drilling, to enhance				
hole cleaning use a soap sweep or increase injection rate & foam concentration.				
Production: Pump marker sweep with nut plug to determine actual hole washout. Calculate a gauge holes bottoms up volume.				
Perform a cleanup cycle by pumping 3-5 bottoms up or until the shakers are clean. Check volume of cuttings coming across				
the shakers every 15 minutes.				

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west virginia department of anvironmental 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" Coment)

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

lames Peterson

Environmental Resources Specialist / Permitting

Promoting a healthy environment.

PSCO 10/24/2014

Office of Oil and Gas
WV Dept. of Environmental Protection

August 2 2 200



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

)	ORDER NO. 2014 - 17
)	
)	
)	
)	
)	
))))

REPORT OF THE OFFICE

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



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 easing 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

10/24/2014

Received

Park to the house

Office of Oil and Gas
WV Dept. of Environmental Protection

Well 513344 (WEU6H3)

Azimuth 153

EQT Production

West Union

Received

AU. - 6 - 10A

Office of Oil and Gas WV Dept. of Environmental Protection

513344 (WEU6H3) Doddridge West Virgina Well Name Elevation KB: Target
Prospect
Azimuth
Vertical Section 0' -4 4 Hole Size 24" - 20" Conductor at 40" Bit Size 17.5" 500' -500 1,000' - 1,031' Fresh Water Base - 1,000' TOC @ Surface 13 3/8", MC-50, 54.5# @ 1.131 ft MD 1,057' Base Red Rock Δ Bit Size 12.375* 1,500' -- 1,500 2,000 2,000' -2,500' — 2,575' -Gantz - 2,500 2,665' -Fifty foot 2,762' -Thirty foot 2,762' 2,830' 3,000' — 2,899' -Gordon -Forth Sand - 3,000 TOC & Surface 9 5/8*, MC-50, 40# @ 3,100 ft MD 3,051 -Bayard 3,100' Int. csg pt Bit Size 8.5* 3,500' = 3,441' -Warren 3,502' -Speechley - 3,500 - 4,000 4,000' -4,371' -Bradford 4,500' -- 4,500 5,000' — _{5,116'} -Benson - 5,000 KOP = 5,116' ft MD 10 Deg DLS 5,362' -Alexander 5,500' -- 5,500 6,000' -- 6,000 6,500 - Sonyea 6,650 - Middlesex 6,500 - 6,711 - Genesee 9,733' ft MD 6,500 6,785 -Geneseo 6,903' ft TVD -Tully 6.823 5 1/2", P-110, 20# 13,523 ft MD 6,903 ft TVD 6,849 -Hamilton 6.880 -Marcellus 7,000' — 6,937' Onondaga

- 7,000



WW-9 (5/13)

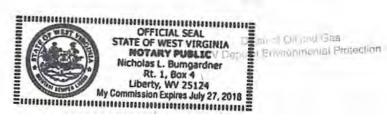
01,706573

API No. 47 -017 0 Operator's Well No. 513344

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

Fluids/Cuttings Disposal & Reclamation Plan

Operator Name	EQT Produc	tion Co.		OP Code		
Watershed (HUC10)_	Bluestone Creek & Middl	e Island Creek	Quadra	angle	West Union 7.5'	
Elevation	1260' Cou	intyDoc	ldridge	District	West Union	
Do you anticipate using	g more than 5,000 bbls	of water to com	plete the pro	posed well we	ork? Yes x No	
	s:No:X_	0.				
	c liner be used in the pit?		No	X If so	o, what ml.? 60	_
	sposal Method For Treat Land Application Underground Inj Reuse (at API I Off Site Disposa Other (Explain	ed Pit Wastes: ection (Uli Number_ I (Supply fo	C Permit Nur		14, 8462, 4037	<u>)</u> <u>)</u>
	m be used? Yes, The				from the drilling	
Drilling medium antic	cipated for this well? Air,	freshwater, oil	based, etc.		e top-hole sections of the wellbore e, and Pilot hole sections, water b	
Additives to be used in	, what type? Synthetic, postilling medium?	MILBAR, Viscosife		strot, Lime, Chloric		ntrol,
	tergent, Defoaming, Walnut S on air: lubricant, detergent,					
	lime, chloride salts, rate filtra					
x-cide, SOLTEX terra	miner enter early that was				<u> </u>	
Drill cuttings disposal	method? Leave in pit, I	andfill, removed	d offsite, etc.		Landfill	
 If left in pit a 	and plan to solidify what media	ım will be used? (C	Cement, Line, sa	awdust)	n/a	
- Landfill or o	ffsite name/permit number	?	S	See Attached I	List	
on August 1, 2005, by the C provisions of the permit are or regulation can lead to en I certify under penalt application form and all atta the information, I believe the	y of law that I have personally ichments thereto and that, ba at the information is true, accimulation, including the possibility of finature	est Virginia Departs of any term or convex examined and amsed on my inquiry curate, and complet the or imprisonment	ment of Environ ndition of the go familiar with the of those individu	mental Protection eneral permit and the information sub- uals immediately that there are sign	n. I understand that the for other applicable law emitted on this responsible for obtaining	
Subscribed and sworn	before me this	7 day o	f_Aug	ust	, 20	
16-					Notary Public	S. Land
My commission expire	es 7/27	2018			10/	24/201



ww-9		Operato	r's Well No.		51334
Proposed Revegetation Tre	atment: Acres Disturbed	no additional	Prevegetation	рН	6.0
Lime3	Tons/acre or to c	orrect to pH	6.5		
Fertilize type					
Fertilizer Amount	1/3lbs/aci	re (500 lbs minimum)			
Mulch	2	Tons/acre			
	S	eed Mixtures			
Tempo	orary		Permanent		
Seed Type KY-31	lbs/acre 40	Seed Type Orchard Grass		lbs/acre 15	
Alsike Clover	5	Alsike Clover		5	
Annual Rye	15				
	pit and proposed area for lar				
	and Ers To We		otuns		
27		Date: 8-14-	2014		
Title: Oil a bas	Inspector	Date. 0 /9) No		

10/24/2014

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Office of Oil and Gas

AUG 1 9 2014

WV Department of Environmental Protection

EQT Production Water plan Offsite disposals for Marcellus wells

4701706573

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

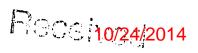
37 West Broad Street Suite 1100 Columbus, Ohio 43215 740-516-5381 Washington County/Belpre Twp. Permit # 8462

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





Site Specific Safety Plan

EQT WEU 6 Pad

West Union Doddridge County, WV

513342513344	For Wells:	
EQT Production	Date Prepared:	July 31, 2014 Douglas Aculo WV Oil and Gas Inspector
Date Sensetting up	repusor	Title 4-14-2014 Date

10/24/2014

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Office of Oil and Gas

AUG 1 9 2014

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