

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

January 26, 2015

WELL WORK PERMIT Horizontal 6A Well

This permit, API Well Number: 47-8510174, issued to NOBLE ENERGY, INC., 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: PEN 20 NHS

Farm Name: COKELEY, LAWRENCE & ANGEI

API Well Number: 47-8510174

Permit Type: Horizontal 6A Well

Date Issued: 01/26/2015

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 conditions may result in enforcement action.</u>

CONDITIONS

- Operator shall take additional measures with this permitted activity to avoid communication with offset wells.
 Such additional measures are described in the attached addendum. This addendum is part of the terms of the
 well work permit, and includes a description of depth and completed formations of offset wells. Also included
 is a description of monitoring activities that will take place during fracturing operations of the permitted well
 work.
- 1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACOE). Through this permit, you are hereby being advised to consult with USACOE 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.

API Number: 85-10174

PERMIT CONDITIONS

- 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.
- 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 <u>DEPOOGNotify@wv.gov</u> within 30 days of commencement of drilling.

Noble Energy Addendum

Pennsboro PEN-20 site proposed well procedures

- Intermediate casing has been revised to extend below the Alexander.
- The two Marcellus wells operated by Antero will be plugged prior to any fracing operations.
- Operators of all offset wells will be contacted for monitoring as per tables below:

Offset Deep Wells (Alexander or deeper):

API	TD	Lease	Current Operator	TVD_SS	Formation
4708505459	5500	Homer Hammett 1	TRIAD HUNTER LLC	-4470	Rhinestreet Sh
4708505457	5504	Herschel Pifer 1	PETRO MARK INC	-4484	Rhinestreet Sh
4708507977	5453	John A Smith 9	PARDEE EXPLORATION CO	-4391	Alexander
4708509636	6072	Russell E Fox Sr	ANTERO RESOURCES	-5256	Marcellus Sh
4708509672	6300	Russell Fox Sr	ANTERO RESOURCES	-5238	Marcellus Sh
4707301462	5477	PEIPHER H ET AL	PETRO MARK INC	-4517	Rhinestreet Sh

- Noble will contact these operators prior to fracturing, offer to assess the surface pressure handling capabilities of their equipment and offer recommendation for upgrading prior to fracing operations commence.
- Noble will continuously keep the above offset well operators appraised about the proximity and progress in fracing the horizontal Marcellus wells underlying their deep vertical wells.
- Noble will offer to monitor the above wells during fracing operations within 500' of the vertical
 well location and notify all appropriate vested parties in the event of a watered out or
 anomalously high pressure detected.

Description of Monitoring

Pressure transducers, and/or visual monitoring of existing pressure gauges, shall be conducted no less frequently than once every four hours while fracing operations are being conducted within 500' of the vertical well in question. For the deepest wells in the Rhinestreet and Marcellus we may recommend shutting in the wells for pressure monitoring.

- Well communication will likely be in one of two forms: a) a higher than expected pressure is
 found at an offset well, or b) the offset well is watered out and indicates a zero pressure.
 Anything more than 100 psi above expected pressures or at 0 psi would be considered an event.
- Our fracturing treatments will be designed to reach close to 90 bpm, especially water formulation. Typically our sand volumes will be between 250,000 and 600,000 pounds of sand per stage.
- The plan is to fracture all of the laterals prior to flowback procedures. However, in the event of
 an event, we will cease pumping that frac stage and continue with the following stage until that
 lateral is fully stimulated. If we see high pressure in excess of 500 psi above normal flowing

tubing pressure in any monitored well, we will immediately cease fracing operations and flow back the stimulated lateral to alleviate pressure seen in the offset well prior to commencing operations again.

Contingency:

 Offset wells watering out – We are recommending that an affected offset operator wait for Noble to complete operations on that particular lateral including flowback to alleviate potential pressure surges before any offset operator intervenes to swab the affected well and bring it back on production

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STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

1 337

1) Well Operator: Noble Energy, Inc.	494501907 085-Ritchie Clay Ellenboro
	Operator ID County District Quadrangle
2) Operator's Well Number: PEN 20 NHS	Well Pad Name: PEN 20
3) Farm Name/Surface Owner: Lawrence B. and Angela	Cokeley Public Road Access: Bonds Creek
4) Elevation, current ground: 1081' Ele	evation, proposed post-construction: 1028.7
5) Well Type (a) Gas Other	Underground Storage
(b)If Gas Shallow	Deep
Horizontal	
6) Existing Pad: Yes or No No	
7) Proposed Target Formation(s), Depth(s), Antici Marcellus 6178 - 6239 / 61' Thick / 4118 psi	ipated Thickness and Associated Pressure(s):
8) Proposed Total Vertical Depth: 6220'	
9) Formation at Total Vertical Depth: Marcellus	S
10) Proposed Total Measured Depth: 12743'	
11) Proposed Horizontal Leg Length: 5740'	
12) Approximate Fresh Water Strata Depths:	398'
13) Method to Determine Fresh Water Depths: _r	nearest offset wells
14) Approximate Saltwater Depths: 1244'	
15) Approximate Coal Seam Depths: none	
16) Approximate Depth to Possible Void (coal mi	ine, karst, other): none
17) Does Proposed well location contain coal sear directly overlying or adjacent to an active mine?	Yes No 🗸
(a) If Yes, provide Mine Info: Name:	
Depth:	
Seam:	
Owner:	

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18)

CASING AND TUBING PROGRAM

TYPE	Size	New	Grade	Weight per ft.	FOOTAGE: For	INTERVALS:	CEMENT:
		<u>or</u> Used		<u>(lb/ft)</u>	<u>Drilling</u>	Left in Well	Fill-up (Cu. Ft.)
Conductor	20"	New	LS	94	40'	40'	GTS
Fresh Water	13 3/8"	New	J-55	54.5	550'	550'	15.6 ppg Type 1 40% excess Yield = 1.18
Coal		New					
Intermediate	9 5/8"	New	HCK-55	36.0	5229'	5229'	15.6 ppg Class A tail slurry CTS
Production	5 1/2"	New	HCP-110	20.0	12743'	12743'	14.8 ppg Class A tail slurry to inside intermediate casing
Tubing							
Liners							

TYPE	Size	Wellbore Diameter	Wall Thickness	Burst Pressure	Cement Type	Cement Yield (cu. ft./k)
Conductor	20"	26"	0.25		GTS	GTS
Fresh Water	13 3/8"	17.5"	.380	2730	Type 1	15.6 ppg Type 1 40% excess Yield = 1.18
Coal						
Intermediate	9 5/8"	12.25"	.352	3520	Class A	50 bbls 10 ppg spacer, 12.0 ppg lead sturry, (800') of 15.6 ppg Class A tail sturry comented to surface.
Production	5 1/2"	8.75"	.361	12,640	Class A	lead slurry to 2000' to recover SOBM, 14.8 ppg Class A tail slurry to inside intermediate casing
Tubing						
Liners						

	PACKERS	Received Gas
Kind:		Office 17 06 5014
Sizes:		00
Depths Set:		

Par 30/2015

	19) Describe proposed well work, including the drilling and plugging back of any pilot hole:
	Drill the vertical depth to the Marcellus at an estimated total vertical depth of approximately 6220 feet. Drill Horizontal leg - stimulate and produce the Marcellus Formation. Should we encounter a unanticipated void we will install a minimum of 20' of casing below the void but not more than 50' set a basket and grout to surface.
	20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:
	The stimulation will be multiple stages divided over the lateral length of the well. Stage spacing is dependent upon engineering design. Slickwater fracturing technique will be utilized on each stage using sand, water, and chemicals. Please see attached list.
	21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres):
	22) Area to be disturbed for well pad only, less access road (acres): 7.0
	23) Describe centralizer placement for each casing string:
	Conductor - No centralizers used. Fresh Water/Surface - Bow spring centralizers every three joints to surface. Intermediate - Bow Springs centralizers every joint to KOP, one every third joint from KOP to Surface. Production - Rigid bow springs every third joint from KOP to TOC, rigid bow springs every joint to KOP.
,	24) Describe all coment additives associated with each sement type:
1	24) Describe all cement additives associated with each cement type: See attached sheets - Conductor - Grout to Surface. Fresh Water - 15.6 Type 1 +2% CaCl, 0/25# Lost Circ 40% excess
	Yield = 1.18. Intermediate- 50 bbls 10 ppg spacer, 12.0 ppg lead slurry, (800') of 15.6 ppg Class A tail slurry cemented to
	surface. Production: 120 bbls spacer with density and rheology hierarchy, lead slurry to 2000' to recover SOBM, 14.8 ppg
	Class A tail slurry to inside intermediate casing.
	25 No. 11 and 12 and 14
1	25) Proposed borehole conditioning procedures: Conductor - The hole is drilled w/ air and casing is run in air. Apart from insuring the hole is clean via air circulation at TD there are no other conditioning
	procedures. Fresh Water -The hole is drilled w/air and casing is run in air. Once casing is on bottom, the hole is filled w/KCl water and a minimum of one hole volume is circulated prior to pumping cement. Coal - The hole is drilled w/air and casing is run in air. Once casing is at setting depth, the hole is filled w/ KCl water and a minimum of one hole volume is circulated prior to pumping cement. Intermediate - Once surface casing is set and cemented Intermediate hole is drilled either on air or SOBM and filled w/ KCl water once filled w/ KCl water once drilled to TD. The well is conditioned with KCl circulation prior to running casing. Once casing is at setting depth, the well is circulated a minimum of one hole volume prior to pumping cement.
	Production - The hole is drilled with synthetic oil base mud and once at TD the hole is circulated at maximum allowable drilling pump rate for at least 6X bottoms up. Once on bottom with casing, circulate a minimum of one hole volume prior to pumping cement.

^{*}Note: Attach additional sheets as needed.

	Fresh Water Protetcion String: Spacer and Cement Additives	Cement Additives	
Allied Material Name	Additive (Material) Type	Additive (Material) Description	CAS #
CCAC (Class A Common)	Base Cement	Grey powder	65997-15-1
			10043-52-4
001	Acrolorator	White flake	7447-40-7
	עריבין מוסי	מוני, ומעכ	7732-18-5
			7647-14-5
CLC-CPF (Cellophane Flakes)	Lost Circulation Aid	White and colored flake	Non-Hazardous

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					COMMENTS	Stabilize surface fill/soil. Conductor casing = 0.25* wall thickness		Protect freshwater. Surface casing = 0.380* thick. Furet=7730 nei		Casing to be ran below the Alexander. Intermediate casing = 0.352" wall	thickness	Collapse 2980 psi										Production casing =	thickness Burst=12640 pei	Note:Actual	centralizer schedules may be	changed due to hole conditions	
DIAGRAM izontal WV	1029	E) (NAD 27)	E) (NAD 27)	E) (NAD 27)	CONDITIONING	Ensure the hole is clean at TD.		Fill with KCl water once drilled to TD. Once casing is at setting depth, circulate a minimum of one hole	volume prior to pumping cement.				Once at TD, circulate	at least 2x bottoms	up. Once casing is at setting depth,	circulate a minimum	pripr to pumping	cement				Once at TD, circulate	pump rate for at least	on bottom with	casing, circulate a minimum of one hole	volume prior to pumping cement.	
PENS-20N WELLBORE DIAGRAM Marcellus Shale Horizontal Ritchie County, WV	Ground Elevation 1029'	(305204.18N, 1568248.72E) (NAD 27	(303590.09N, 1567743.19E) (NAD 27)	(299193.21N, 1571432.62E) (NAD 27	CENTRALIZERS	N/A		Bow Spring every 3 joints to surface					я	Bow Spring	joint to KOP, one	every third joint from KOP to 100' from	surface					Rigid Bow Spring every third joint from	KOP to TOC		Rigid Bow Spring every joint to KOP	(1) (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	
PENS-2		(305204	(303290	(299193	CEMENT	Grouted to surface		15.6 ppg Type 1 +2% CaCl, 0.25# Lost Circ 40% Excess	Yield = 1.18				50 bbls 10 ppg	spacer, 12.0 ppg	lead slurry, (800") of 15 6 ppg Class	A tail slurry	cemented to surface.					120 bbls spacer with density and	rheology heirarchy, lead slurry to 2000'	to recover SOBM, 14.8 ppg Class A	tail slurry to inside	casing	
					MUD	AIR	7	AIR							SOBM 8.0 - 8.5	n 1.								SOBM 12.5- 13.0 ppg			8.75/8.5" Hole - Cemented Long String 5-1/2" 20# HCP-110 TXP BTC
		(6		1)	TVD Bottom		40		550		1739.5	2342	2477.5	2383.5	2658	2865.5	3503.5	4914	5129		5229 TVD	5974		6239		12743	ong String 5-1/2" 20
		L (Lat/Long	(Lat/Long)	L (Lat/Long	TVD Top						1670.5	1870.5	1930.5	2349	2652	2853.5	3440.5	4852	5064		523	5641		6178			ole - Cemented L
		PENS-20N SHL (Lat/Long)	PENS-20N LP (Lat/Long)	PENS-20N BHL (Lat/Long)	GEOLOGY		Conductor		Surface Casing		Maxton Sand	Big Lime	Big Injun	Weir Sand	Gordon Sand	5th Sand	Warren Sand	Benson	Alexander		Intermediate Casing	Rhinestreet		Marcellus		Д	8.75/8.5" H
noble energy	5		.6	9.	CASING	20" 52#		13-3/8" 54.5# J-55 BTC							9-5/8" 36# HCK-55	втс							5-1/2" 20# HCP.	110 TXP BTC			
n (1)				320°	HOLE	26"		17.5"							12.25"	(3:5)					, E. C	e of	Oi	18 N	G	25	
			Ground Elevation	Azm							********	******	******		AABU AAB	(181707) 1771111 177111 177111 177111 17711	**************************************	744390 744390 744390 744390 744390 744390 744390 744390 744390	10000000000000000000000000000000000000	0	HIC.	g(1	06	50	14	***************************************	

Operator's Well No. PEN 20 NHS

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Noble Energy, Inc.	OP Code 494501907
Watershed (HUC 10)_North Fork Hughs River / Bonds Creek_Quadrangle_E	Ellenboro
Elevation 1028.7 County 085-Ritchie	DistrictClay
Do you anticipate using more than 5,000 bbls of water to complete the proposed we Will a pit be used? Yes No	
If so, please describe anticipated pit waste:closed loop-no utilization Will a synthetic liner be used in the pit? Yes No If so	o, what ml.?
Proposed Disposal Method For Treated Pit Wastes:	o, what mi.?
Land Application	
Underground Injection (UIC Permit Number)
Reuse (at API Number_ at next anticipated well)
Off Site Disposal (Supply form WW-9 for disposal locat Other (Explain	
Will closed loop system be used? If so, describe: Yes	
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater,	, oil based, etc. SOBM
-If oil based, what type? Synthetic, petroleum, etc.Synthetic	
Additives to be used in drilling medium? Please see attached sheet	
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Landfills	ls
-If left in pit and plan to solidify what medium will be used? (cement, lime	ne, sawdust)
-Landfill or offsite name/permit number?please see attached sheet	
I certify that I understand and agree to the terms and conditions of the GE on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of provisions of the permit are enforceable by law. Violations of any term or condit law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am application form and all attachments thereto and that, based on my inquiry of obtaining the information, I believe that the information is true, accurate, and of penalties for submitting false information, including the possibility of fine or imprise.	of Environmental Protection. I understand that the stion of the general permit and/or other applicable a familiar with the information submitted on this of those individuals immediately responsible for complete. I am aware that there are significant
Company Official Signature	Official Seal Notary Public
Company Official (Typed Name) Jessica Leska	State of West Virginia Deleres J Swiger
Company Official Title_ Regulatory Clerk	235 Cottage Avenue Weston WV 26452
	My Comm. Exp. 9-19-28 CEIVED
Subscribed and sworp before me this 18 day of DECember	, 20_/4 Office of Oil and Gas
Llefi	Notary Public DEC 18 2014
My commission expires 9 · 19 · 2023	Wy Depatristed Protection

01/30/2015

		Operato	PEN 20 NHS or's Well No.
Noble Energy, Ir	nc.		
Lime 2-3 Fertilizer type Fertilizer amount	Tons/acre or to correct		on pH 6.0
Mulch_ Hay or	311aw at 2	Tons/acre	
		Seed Mixtures	
,	Temporary	P	ermanent
Seed Type Tall Fescue	lbs/acre 40	Seed Type Tall Fescue	lbs/acre 40
Ladino Clover	5	Ladino Clover	5
provided)	on, pit and proposed area for l	and application (unless engineered pla	ns including this info have been
Plan Approved by:	Dawn ul	a	
Comments: PS	dury aperat	whah all and	area manfair

Field Reviewed?

Cuttings Disposal/Site Water

Cuttings -Haul off Company:

Eap Industries, Inc. DOT # 0876278 1575 Smith Two State Rd. Atlasburg, PA 15004 1-888-294-5227

Waste Management 200 Rangos Lane Washington, PA 15301 724-222-3272

Environmental Coordination Services & Recycling (ECS&R) 3237 US Highway 19 Cochranton, PA 16314 814-425-7773

Disposal Locations:

Apex Environnemental, LLC Permit # 06-08438 11 County Road 78 Amsterdam, OH 43903 740-543-4389

Westmoreland Waste, LLC Permit # 100277 111 Conner Lane Belle Vernon, PA 15012 724-929-7694

Sycamore Landfill Inc. Permit #R30-079001 05-2010 4301 Sycamore Ridge Road Hurricane, WV 25526 304-562-2611

Max Environnemental Technologies, Inc. facility Permit # PAD004835146 / 301071 233 Max Lane Yukon, PA 25968 724-722-3500

Max Environnemental Technologies, Inc. Facility Permit # PAD05087072 / 301359 200 Max Drive Bulger, PA 15019 724-796-1571

Waste Management Kelly Run Permit # 100663 1901 Park Side Drive Elizabeth, PA 15037

Waste Management South Hills (Arnoni) Permit # 100592 3100 Hill Road Library, PA 15129 724-348-7013

Waste Management Arden Permit # 100172 200 Rangos Lane Washington, PA 15301 724-222-3272

Waste Management Meadowfill Permit # 1032 1488 Dawson Drive Bridgeport, WV 26330

Brooke County Landfill Permit # SWF-103-97 / WV 0109029 Rd 2 Box 410 Colliers, WV 26035 304-748-0014 Received Office of Oil & Gas

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Wetzel County Landfill Permit # SWF-1021-97 / WV 0109185 Rt 1 Box 156A New Martinsville, WV 26035 304-455-3800

Energy Solutions, LLC Permit # UT 2300249 423 West 300 South Suite 200 Salt Lake City, UT 84101

Energy Solutions Services, Inc. Permit # R-73006-L24 1560 Bear Creek Road Oak Ridge, TN 37830

Water Haul off Companies:

Dynamic Structures, Clear Creek DOT # 720485 3790 State Route 7 New Waterford, OH 44445 330-892-0164

Disposal Locations:

Solidification Waste Management, Arden Landfill Permit # 100172 200 Rangos Lane Washington, PA 15301 724-225-1589

Solidification/Incineration Soil Remediation, Inc. Permit # 02-20753 6065 Arrel-Smith Road Lowelville, OH 44436 330-536-6825

Adams #1 Permit # 34-031-2-7177 23986 Airport Road Coshocton, OH 43812 740-575-4484

Adams #2 Permit # 34-031-2-7178 740-575-4484

Received Office of Oil & Gas OCT 06 2014



Site Safety Plan
Noble Energy, Inc.
PEN20 Well Pad
Ritchie County, WV
February 2014: Version 1

For Submission to
West Virginia Department of Environmental Protection,
Office of Oil and Gas

Office of Oil & Gaso ~19

OCT 06 2014

Noble Energy, Inc Appalachia Offices 333 Technology Drive, Suite 116 Canonsburg, PA 15317-9504



